DATE 1 /2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025225

APPLICANT AMANDA MCMURRY PHONE 752-9466

ADDRESS 1139 SW WENDY TERR LAKE CITY FL 32025

OWNER LEON & AMANDA MCMURRY PHONE 752-9466

ADDRESS 1139 W WENDY TERR LAKE CITY FL 32025

CONTRACTOR LEON MCMURRY PHONE 752-9466

LOCATION OF PROPERTY 441S, TR ON HILLCREST, TL ON WENDY TERR, GO STRAIGHT ON AT THE CURVE, PROPERTY FIRST ON THE LEFT

TYPE DEVELOPMENT DETACHED GARAGE ESTIMATED COST OF CONSTRUCTION 12000.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT ____ STORIES ____

FOUNDATION _____ WALLS _____ ROOF PITCH _____ FLOOR _____

LAND USE & ZONING A-3 MAX. HEIGHT _____

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE NA DEVELOPMENT PERMIT NO. _____

PARCEL ID 33-4S-17-08940-003 SUBDIVISION _____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES _____

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTING	X06-0315	BK	JH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 2190

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power _____ date/app. by Foundation _____ date/app. by Monolithic _____ date/app. by (footer/Slab)

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

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

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

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

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

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

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

BUILDING PERMIT FEE $ 60.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $ _____

FLOOD DEVELOPMENT FEE $ _____ FLOOD ZONE FEE $ _____ CULVERT FEE $ _____ **TOTAL FEE** 110.00

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 INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

CH 2190

For Office Use Only Application # 0611-10 Date Received 11-3-06 By CH Permit # 25225

Application Approved by - Zoning Official _____ Date _____ Plans Examiner OKJTH Date 11-3-06

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

Comments Accessory USE

Applicants Name Leon & AMANDA MCMURRY Phone 386-752-9466

Address 1139 S.W. Wendy Terr. Lake City. FL. 32025

Owners Name Leon & Amanda MCMURRY Phone 386.752.9466

911 Address 1139 S.W. Wendy Terr. Lake City. FL. 32025

Contractors Name AS ABOVE Phone _____

Address _____

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address None

Architect/Engineer Name & Address DAVID DISOSWAY. PO BOX 868 LAKE CITY FL

Mortgage Lenders Name & Address None

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

Property ID Number 33-4S-17-08940-003 Estimated Cost of Construction $12.000.00

Subdivision Name NONE Lot ____ Block ____ Unit ____ Phase ____

Driving Directions FROM Lake City go South on 41/441, right on Hillcrest left on Wendy Terrace. Go straight on at the curve. Property is first on the left. Number on mailbox.

Type of Construction BRICK Detached Garage Number of Existing Dwellings on Property 1

Total Acreage 1.12ac Lot Size 1.12ac Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 67' Side 50' Side 175' Rear 92'

Total Building Height 14 ft. Number of Stories 1 Heated Floor Area None TOTAL 576 Roof Pitch 3/12

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

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

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

Amanda McMurry

Owner Builder or Agent (Including Contractor)

Contractor Signature _____

Contractors License Number _____

Competency Card Number _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 03 day of November 2006.

Personally known _____ or Produced Identification ✓

Notary Signature

DISCLOSURE STATEMENT

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

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

TYPE OF CONSTRUCTION

( ) Single Family Dwelling
( ) Farm Outbuilding
( ) New Construction
( ) Two-Family Residence
(✓) Other Detached Garage
( ) Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

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

Amanda McMurry 11-3-06
Signature Date

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

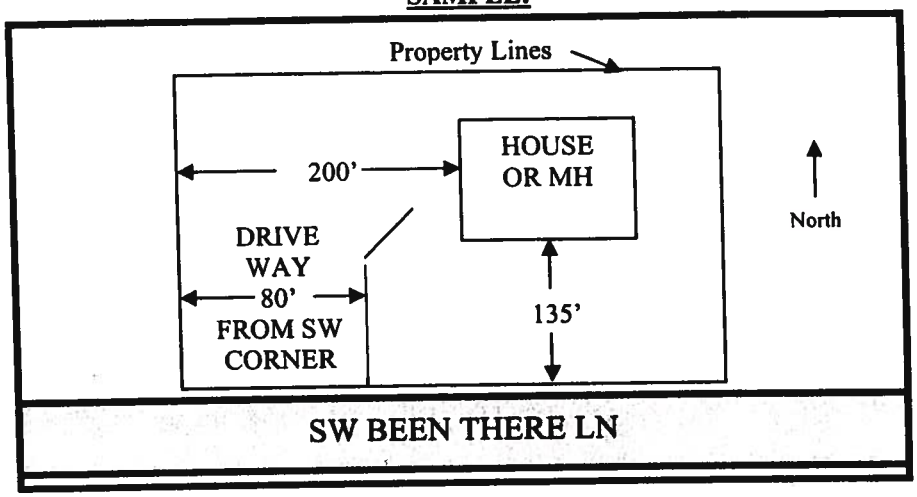
FOR BUILDING USE ONLY

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

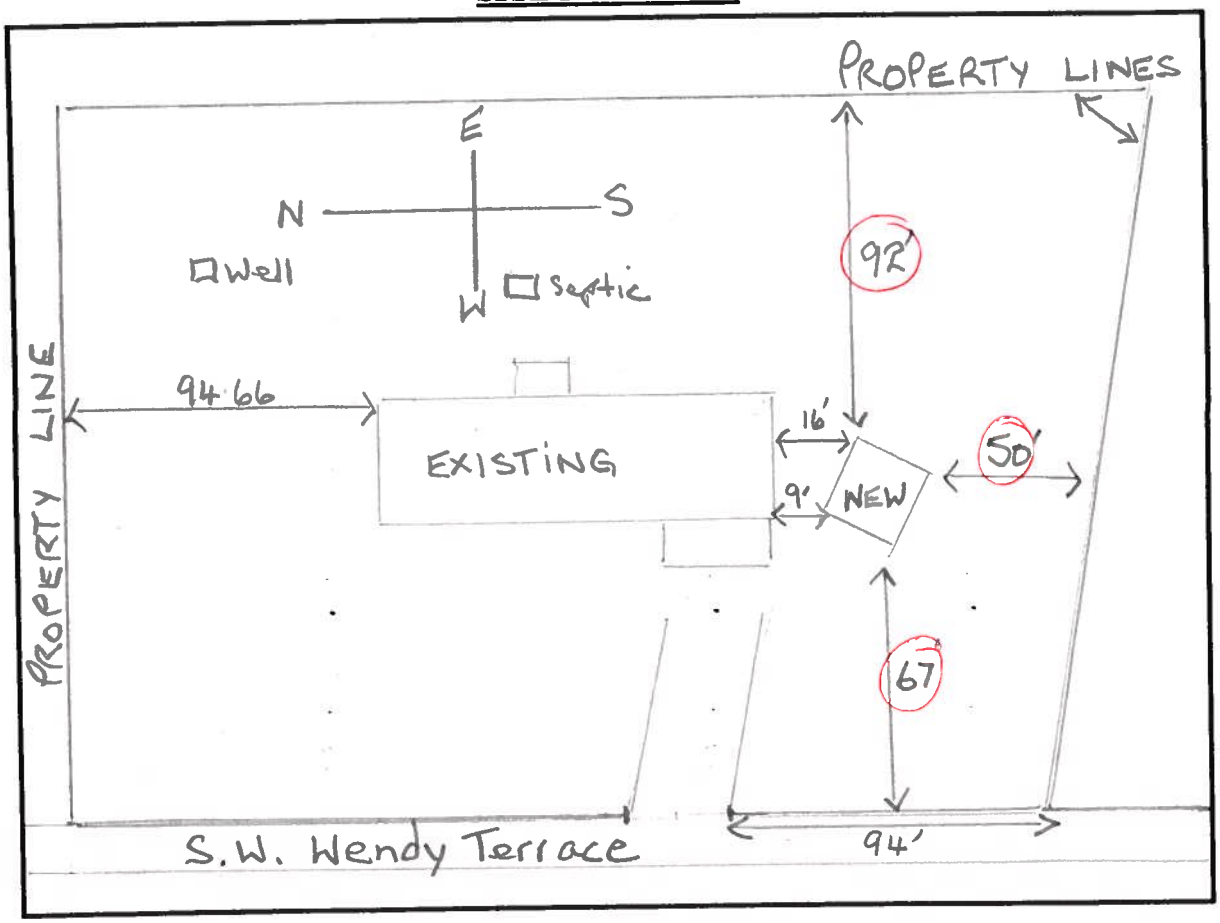
Date 11-3-06 Building Official/Representative [illegible]

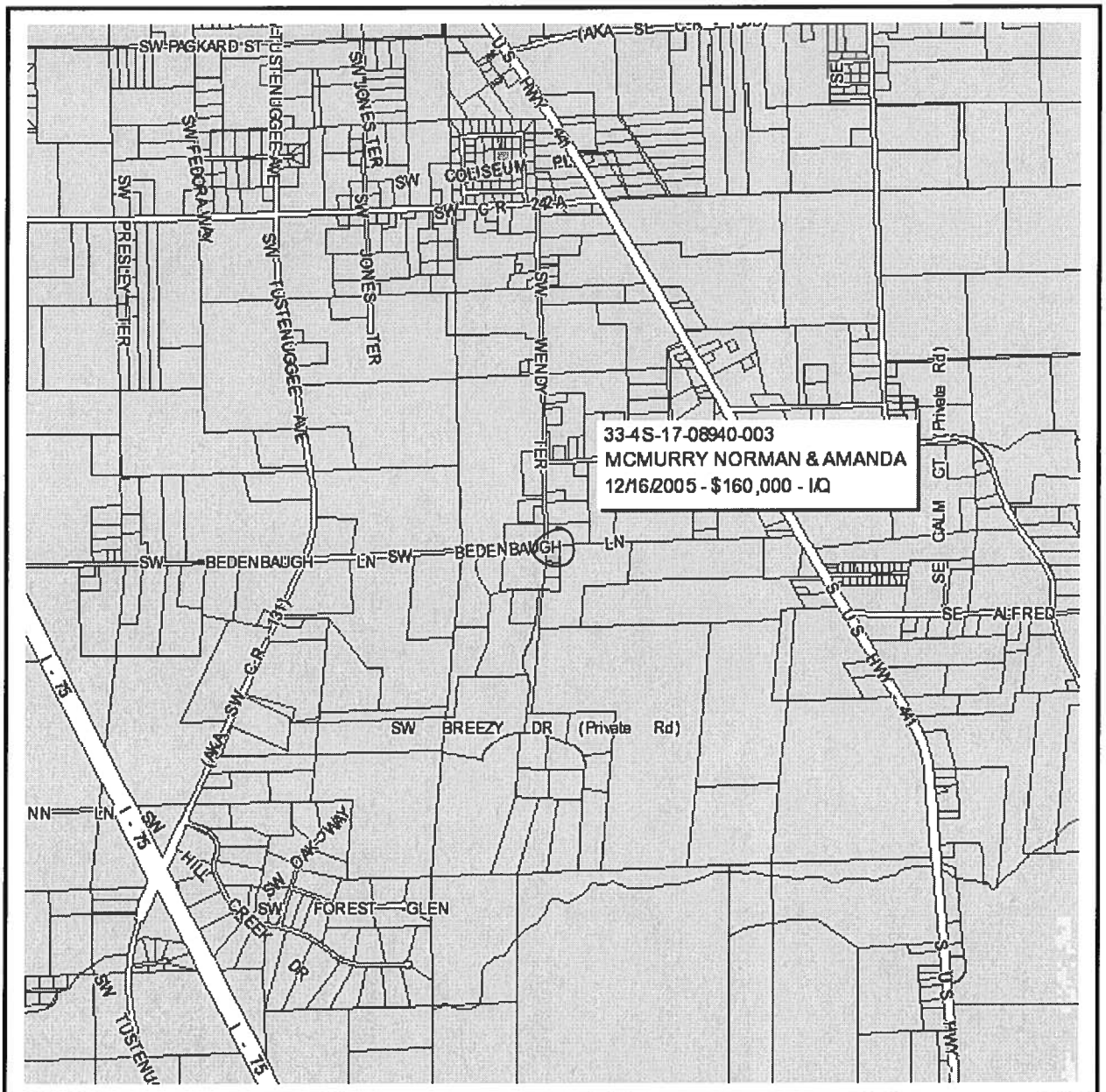
1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM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

SAMPLE:



SITE PLAN BOX:





Columbia County Property Appraiser

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

PARCEL: 33-4S-17-08940-003 HX - SINGLE FAM (000100)

Name:	MCMURRY NORMAN & AMANDA	LandVal	$13,440.00
Site:	WENDY	BldgVal	$83,117.00
Mail:	1139 SW WENDY TERRACE LAKE CITY, FL 32055	ApprVal	$100,206.00
		JustVal	$100,206.00
Sales Info	12/16/2005 $160,000.00I / Q	Assd	$100,206.00
	5/27/2005 $120,000.00I / Q	Exmpt	$25,000.00
		Taxable	$75,206.00

0 0.2 0.4 0.6 mi

N W E S

This information, GIS Map Updated: 10/4/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Columbia County Property Appraiser

DB Last Updated: 10/4/2006

2006 Proposed Values

Parcel: 33-4S-17-08940-003 HX

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	MCMURRY NORMAN & AMANDA
Site Address	WENDY
Mailing Address	1139 SW WENDY TERRACE LAKE CITY, FL 32055
Description	COMM NW COR OF NE1/4 OF NW1/4, FOR POB, RUN E 194.14 FT, S 278.90 FT, W 218.23 FT, N 233.46 FT TO POB. ORB 374-256, WD 1047-2429, WD 1069-1499.

Use Desc. (code)	SINGLE FAM (000100)
Neighborhood	33417.00
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	1.120 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$13,440.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$83,117.00
XFOB Value	cnt: (6)	$3,649.00
Total Appraised Value		$100,206.00

Just Value		$100,206.00
Class Value		$0.00
Assessed Value		$100,206.00
Exempt Value	(code: HX)	$25,000.00
Total Taxable Value		$75,206.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
12/16/2005	1069/1499	WD	I	Q		$160,000.00
5/27/2005	1047/2429	WD	I	Q		$120,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1977	Common BRK (19)	1539	2374	$83,117.00
	Note: All S.F. calculations are based on exterior building dimensions.					

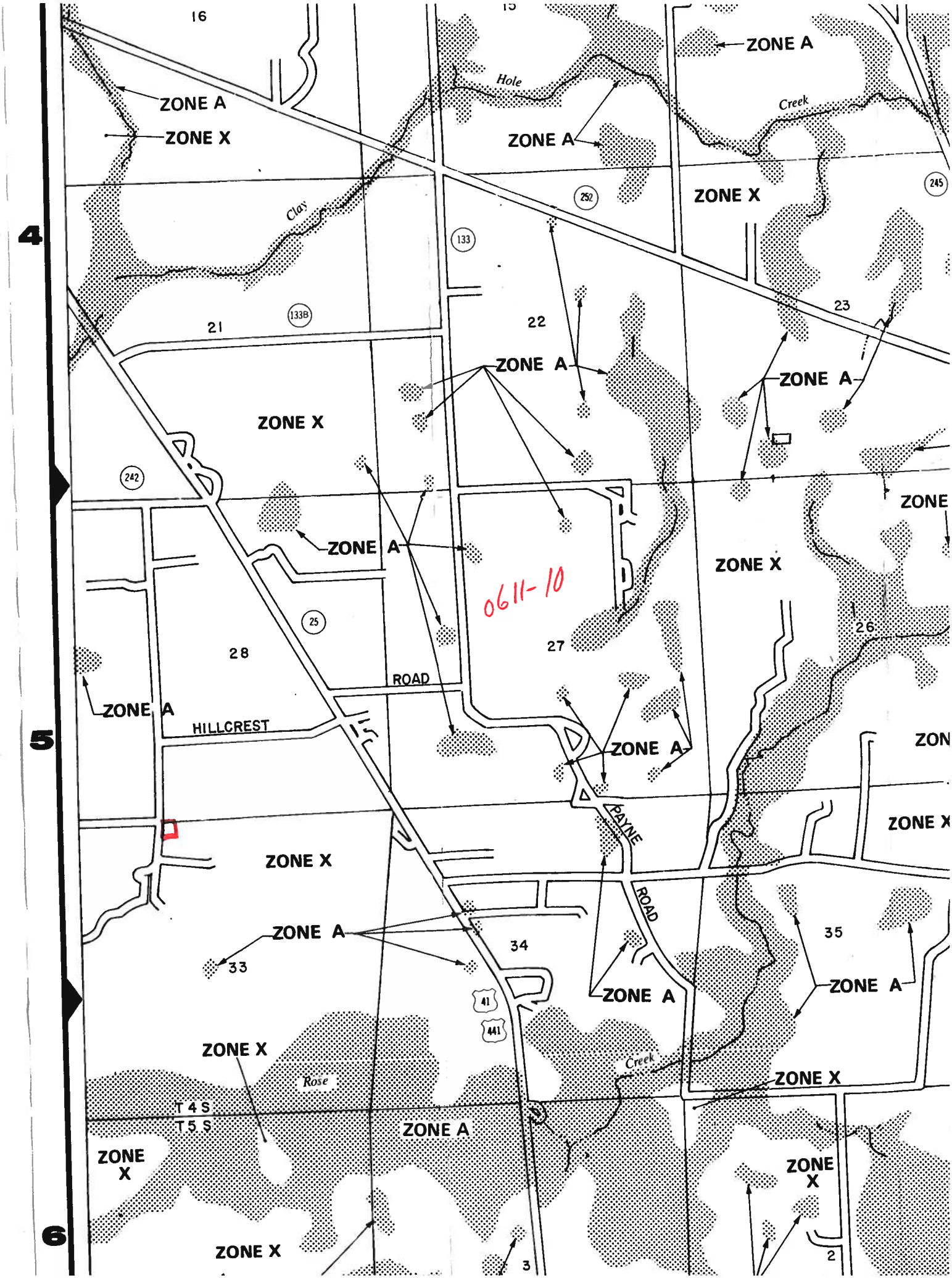
Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0264	PRCH,FSP	0	$588.00	168.000	12 x 14 x 0	(.00)
0190	FPLC PF	0	$1,500.00	1.000	0 x 0 x 0	(.00)
0040	BARN,POLE	0	$324.00	432.000	18 x 24 x 0	(.00)
0070	CARPORT UF	0	$576.00	288.000	16 x 18 x 0	(.00)
0260	PAVEMENT-A	0	$312.00	520.000	13 x 40 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.120 AC	1.00/1.00/1.00/1.00	$12,000.00	$13,440.00

Columbia County Property Appraiser DB Last Updated: 10/4/2006


16
15
ZONE A
ZONE A
ZONE X
Hole
Creek
ZONE A
ZONE X
245
252
Clay
133
4
133B
21
22
23
ZONE A
ZONE A
ZONE X
242
ZONE
ZONE A
ZONE X
0611-10
25
28
27
26
ROAD
ZONE A
HILLCREST
5
ZONE A
ZON
PAYNE
ZONE X
ZONE X
ROAD
ZONE A
34
35
33
ZONE A
ZONE A
41
441
ZONE X
Creek
ZONE X
Rose
T 4 S
T 5 S
ZONE A
ZONE X
ZONE X
6
ZONE X
3
2

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

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

Tax Parcel ID Number 33-43-17-08940-003 PERMIT NUMBER 0611-10

1. Description of property: (legal description of the property and street address or 911 address)
1139 S.W. Wendy Terrace Lake City, FL. 32025
Comm NW COR OF NE¼ of NW¼ for POB Run E 194 14 FT. S 278.90 F W 218.23 FT N 233.46 FT To POB
ORB 374-256, WD 1047-2429, WD 1069-1499.

2. General description of improvement: NEW DETACHED DOUBLE GARAGE USING EXISTING DRIVEWAY

3. Owner Name & Address LEON & AMANDA McMURRAY, 1139 SW Wendy Terr. L. City, FL. 32025 Interest in Property HOME

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

5. Contractor Name ~~SAME~~ AMANDA McMURRY Phone Number 386 752 9466
Address 1139 SW Wendy Terr. Lake City, FL 32025

6. Surety Holders Name ~~SAME~~ AMANDA McMURRY Phone Number 386 752 9466
Address 1139 S.W. Wendy Terr. Lake City, FL. 32025
Amount of Bond —

7. Lender Name ~~NONE~~ Phone Number
Address

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name NONE Phone Number
Address

9. In addition to himself/herself the owner designates NONE of
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee

10. Expiration date of the Notice of Commencement (the e
(Unless a different date is specified)

Inst:2006027037 Date:11/15/2006 Time:10:15
DC,P.DeWitt Cason,Columbia County B:1101 P:2777

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

Amanda McMurray
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 11-3, 20 06

NOTARY STAMP/SEAL

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Signature of Notary

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 33-4S-17-08940-003 **Building permit No.** 000025225

Use Classification DETACHED GARAGE **Fire:** 0.00

Permit Holder LEON MCMURRY **Waste:**

Owner of Building LEON & AMANDA MCMURRY **Total:** 0.00

Location: 1139 SW WENDY TERR, LAKE CITY, FL

Date: 03/02/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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.

#25225

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JF104376 Company Phone No. 386-755-3811
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Woodman Park Bldg Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 1139 W Wendy Terr Lake City 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 Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 2-6-07
Brand Name of Product(s) Used Cypro T.C
EPA Registration No. 53883-92
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 576 Linear ft. 96 Linear ft. of Masonry Voids 96
Approximate Total Gallons of Solution Applied 135
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 24x24 Supported Slab

Name of Applicator(s) [signature] Certification No. (if required by State law) JF104376

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 2-6-07

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)

Reorder Product #2581 • from CROWNMAX • 1-800-252-4011

25-225

Mark Disosway, P.E.
POB 868, Lake City, FL 32056, Ph (386) 754-5419, Fax (702) 543-7241

February 13, 2007

Building Department
Columbia County
Lake City, Florida

Re: Framing Inspection: McMurry Garage, 1139 SW Wendy Terrace, Lake City, Florida 32025

Dear Building Inspector:

This letter is in reference to framing inspection issues at the above referenced house.

- The windload engineering design was based on trusses provided by Anderson Truss. The builder is going to use roof trusses provided by Builders First Source.
    - The engineering provided is adequate for use with the trusses provided by Builders First Source. The engineering provided called out a minimum truss to wall connection of 535# the max uplift of the engineered trusses design is 523#.

Mark Disosway, PE
Florida Registered Professional Engineer

Cc: Woodman Park (builder)

13 FEB 07

R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197 Facsimile 813.754.9989

Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.:	FL 3863.3 R1
Date:	July 27, 2005
Product Category:	Windows
Product sub-category:	Single Hung
Product Name:	2300 Series - Model 2300 Extruded Vinyl Single Hung Window
Manufacturer:	Silverline Building Products Corporation One Silverline Drive North Brunswick, NJ 08902 Phone – 732.435.1000 Facsimile – 732.247.6820

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Wendell W. Haney, P.E. (System ID # 1993) for Silverline Building Products based on Rule Chapter No. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

RW Building Consultants and Wendell W. Haney, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the Florida Building Code (2004 Edition) and where pressure requirements, as determined by Chapter 16 of The Florida Building Code, do not exceed the following design pressures:

Design Pressure Rating:

Maximum Design Pressure Rating (See Limitations for size restrictions)	Positive 50.0 PSF	Negative 50.0 PSF

See Drawing No.: FL 406 prepared by R W Building Consultants, Inc. and signed and sealed by Wendell W. Haney, P.E. (FL # 54158) for specific use parameters.

Wendell W. Haney, P.E.
FL No. 54158
August 1, 2005

Limitations

1. The 2300 Series – Model 2300 Extruded Vinyl Single Hung Window has been evaluated and meets the requirements for use within the State of Florida including the "High Velocity Hurricane Zone".

2. When used in the "High Velocity Hurricane Zone" this product is required to be protected with an impact resistant covering that complies with Section 1626 of the Florida Building Code.

3. When used in areas outside of the "HVHZ" requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.4 of the Florida Building Code.

4. Size Limitations:

Configurations		MAX. Width	MAX. Height
Single	O X	54.5"	64.5"

5. The Design Pressure Rating for the various size units are as follows:

Overall Fin Dimension	Overall Frame Dimension	Overall Day Light Dimension	Glass Type	Design Pressure Rating	
				Positive	Negative
54.5" x 64.5"	52" x 62"	(O) 48.125" x 28.125" (X) 48.125" x 28.125"	1/8" Annealed Air 1/8" Annealed	+35.0 PSF	-35.0 PSF
47.5" x 64.5"	45" x 62"	(O) 41.125" x 28.125" (X) 41.125" x 28.125"	1/8" Annealed Air 1/8" Annealed	+40.0 PSF	-40.0 PSF
42.5" x 64.5"	40" x 62"	(O) 36.125" x 28.125" (X) 36.125" x 28.125"	1/8" Annealed Air 1/8" Annealed	+45.0 PSF	-45.0 PSF
38.5" x 64.5"	36" x 62"	(O) 32.125" x 28.125" (X) 32.125" x 28.125"	1/8" Annealed Air 1/8" Annealed	+50.0 PSF	-50.0 PSF

Wendell W. Haney, P.E.
FL No. 54158
August 1, 2005

Supporting Documents

A Drawing

1. Drawing No. FL 406 titled 2300 Series, Model 2300 Extruded Vinyl Single Hung Window prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813) signed and sealed by Wendell W. Haney, P.E.

B Tests Performed

1. Testing per Metro-Dade County Protocol TAS 202-94 as performed by Architectural Testing, Inc. and reported in test report number 01-44453.01, dated June 5, 2003, signed and sealed by Joseph A. Reed, P.E.

2. Plastics testing (Extrusion) in accordance with the "High Velocity Hurricane Zone" substantiated by Issuance of Miami-Dade Notice of Acceptance 02-0523.01, expiring August 15, 2007.

C Calculations

1. Product anchoring is in accordance with manufacturer's published recommendations as substantiated by tested specimens reported in test report # 01-44453.01.

2. Buck anchor analysis for loading conditions, prepared, signed and sealed by Wendell W. Haney, P.E.

3. Glass Load Resistance Report ASTM E1300-02 prepared by Wendell W. Haney, P.E.

D Other

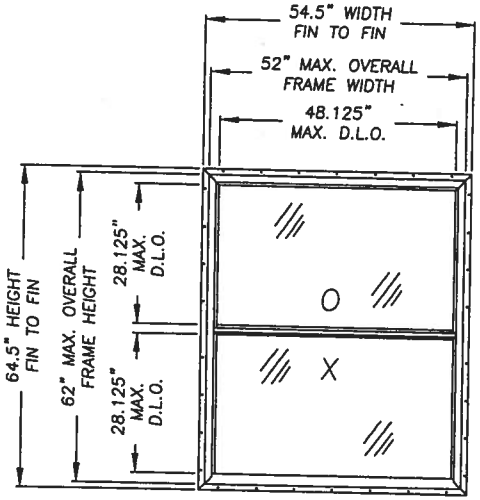
1. Certificate of Participation issued by National Accreditation & Management Institute, Inc., certifying that Silverline Building Products Corporation is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. ID #S-019-1.

Wendell W. Haney, P.E.
FL No. 54158
August 1, 2005

SilverLINE
BUILDING PRODUCTS CORP.

1 SILVERLINE DRIVE NORTH BRUNSWICK, NJ 08902 PH. 732.435.1000

2300 SERIES, MODEL 2300 EXTRUDED VINYL SINGLE HUNG WINDOW



GENERAL NOTES

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE INCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. WHEN USED IN THE "HIGH VELOCITY HURRICANE ZONE" THIS PRODUCT IS REQUIRED TO BE PROTECTED WITH AN IMPACT RESISTANT COVERING THAT COMPLIES WITH SECTION 1626 OF THE FLORIDA BUILDING CODE.
4. WHEN USED IN AREAS OUTSIDE OF THE "HVHZ" REQUIRING WIND-BORNE DEBRIS PROTECTION THIS PRODUCT IS REQUIRED TO BE PROTECTED WITH AN IMPACT RESISTANT COVERING THAT COMPLIES WITH SECTION 1609.1.4 OF THE FLORIDA BUILDING CODE.

OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE	
				POSITIVE	NEGATIVE
54.5" x 64.5"	52" x 62"	(O) 48.125" x 28.125" (X) 48.125" x 28.125"	1/8" ANNEALED AIR 1/8" ANNEALED	+35.0 PSF	-35.0 PSF
47.5" x 64.5"	45" x 62"	(O) 41.125" x 28.125" (X) 41.125" x 28.125"	1/8" ANNEALED AIR 1/8" ANNEALED	+40.0 PSF	-40.0 PSF
42.5" x 64.5"	40" x 62"	(O) 36.125" x 28.125" (X) 36.125" x 28.125"	1/8" ANNEALED AIR 1/8" ANNEALED	+45.0 PSF	-45.0 PSF
38.5" x 64.5"	36" x 62"	(O) 32.125" x 28.125" (X) 32.125" x 28.125"	1/8" ANNEALED AIR 1/8" ANNEALED	+50.0 PSF	-50.0 PSF

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES
2	VERTICAL & HORIZONTAL CROSS SECTIONS
3	BUCK & WINDOW ANCHORING
4	BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS

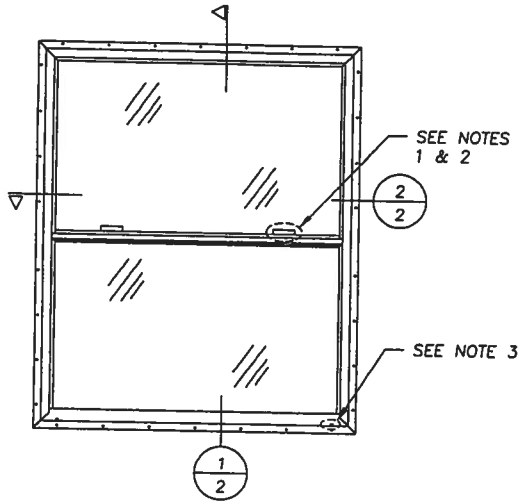
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Hardy, P.E. No. 34158

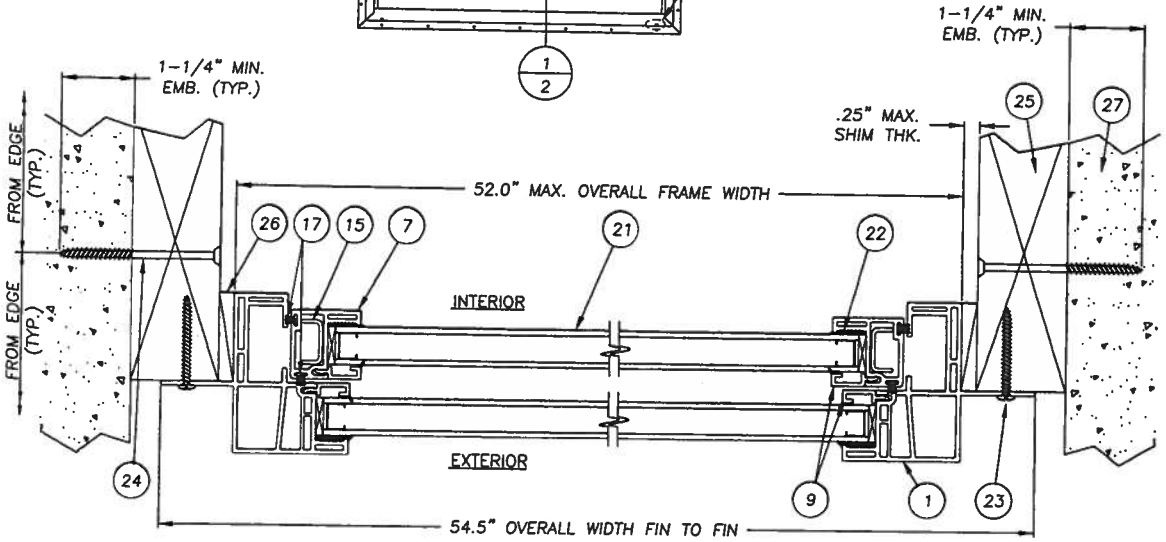
PRODUCT: SILVERLINE BUILDING PRODUCTS 2300 SERIES MODEL 2300 SINGLE HUNG WINDOW

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

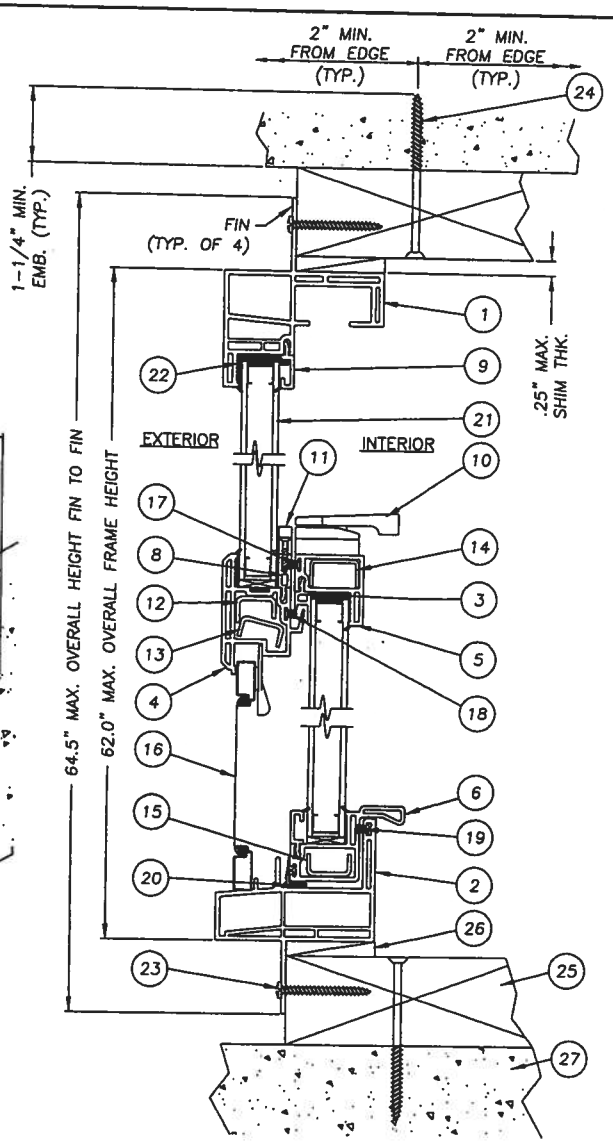
NO.	DATE	REVISIONS	BY
2	7/26/05	REVISE TO 2004 FBC	EW
1	2/15/05	ADD NOTES SHEET 2	RW

DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-406
SHEET 1 OF 4





2/2 HORIZONTAL CROSS SECTION



1/2 VERTICAL CROSS SECTION

NOTES:

1. LOCATE OPERATING SASH LOCKS 7.5" FROM EACH END OF THE ACTIVE MEETING RAIL, FASTEN WITH (2) #8 x 3/4" SELF TAPPING SCREWS.
2. LOCATE SASH KEEPER 6.5" FROM EACH END OF THE MEETING RAIL, FASTEN WITH (2) #6 x 3/4" SCREWS.
3. WEEP HOLES .375" WIDE x .090" HIGH LOCATED 3.0" FROM EACH END OF THE INTERMEDIATE SILL LEG DRAINING THE INTERIOR SILL HOLLOW INTO THE EXTERIOR SILL HOLLOW AND ONE 3.0" FROM EACH END OF THE SILL FACE DRAINING THE EXTERIOR SILL HOLLOW.

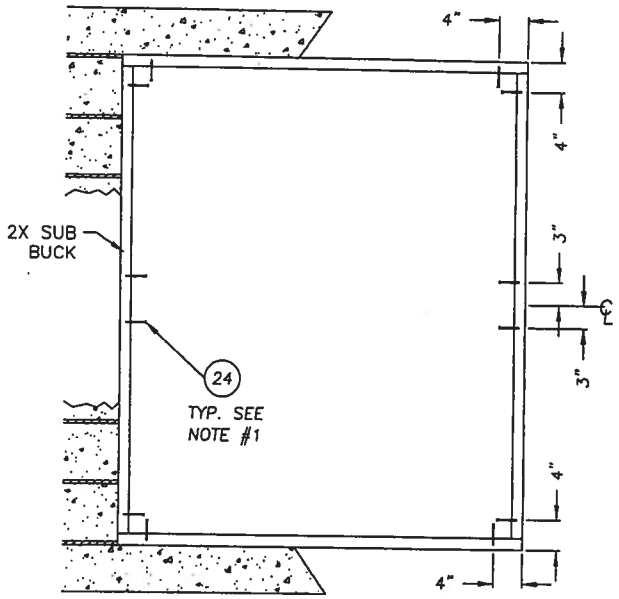
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158

PRODUCT: SILVERLINE BUILDING PRODUCTS 2300 SERIES MODEL 2300 SINGLE HUNG WINDOW

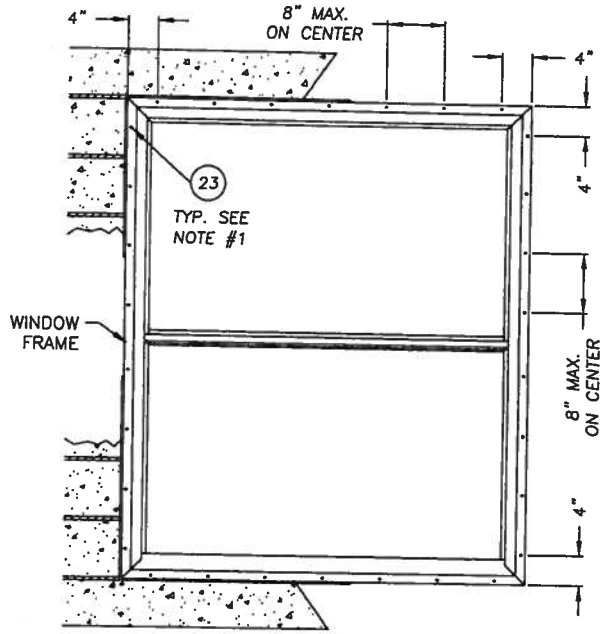
PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY
2	7/26/05	REVISE TO 2004 FBC	EW
1	2/15/05	ADD NOTES SHEET 2	RW

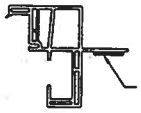
DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-406
SHEET 2 OF 4



2X SUB-BUCK TO MASONRY ANCHORING



WINDOW FRAME TO BUCK ANCHORING



APPLY A GENEROUS BEAD OF COMMERCIAL GRADE CONSTRUCTION ADHESIVE TO THE BACK OF THE FIN AROUND THE FULL PERIMETER AS SHOWN.

NOTES:

1. ADJUST TAPCON LOCATIONS, IF NECESSARY, TO MAINTAIN A MINIMUM 2.0" CLEARANCE FROM MORTAR JOINTS.

2. FOR 2X STUD FRAMING CONSTRUCTION, THE ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.658.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 28813
Wendell W. Harvey, PE No. 54158

PRODUCT: SILVERLINE BUILDING PRODUCTS 2300 SERIES MODEL 2300 SINGLE HUNG WINDOW

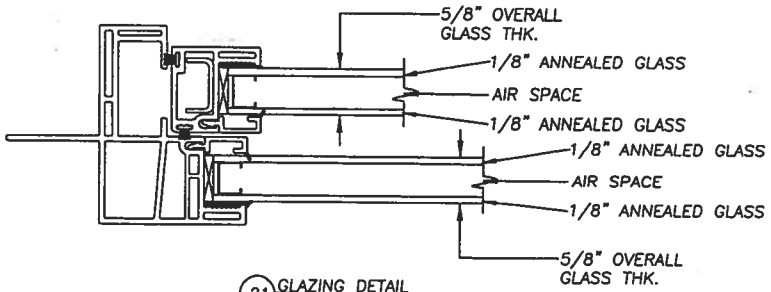
PART OR ASSEMBLY: BUCK & WINDOW ANCHORING

NO.	DATE	REVISIONS	BY
2	7/26/05	REVISE TO 2004 FBC	EW
1	2/15/05	ADD NOTES SHEET 2	RW

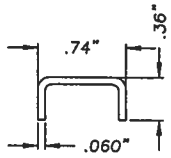
DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-406
SHEET 3 OF 4

ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED PVC MAIN FRAME (NAILING FIN TYPE) #2161 *	PVC
2	EXTRUDED PVC SILL (NAILING FIN TYPE) #2163 *	PVC
3	EXTRUDED PVC GLAZING BEAD (INTERLOCK) #3557 *	PVC
4	EXTRUDED PVC MEETING RAIL #2167 *	PVC
5	EXTRUDED PVC TOP RAIL #2908 *	PVC
6	EXTRUDED PVC BOTTOM LIFT RAIL #2806 *	PVC
7	EXTRUDED PVC STILE #2905 *	PVC
8	EXTRUDED PVC GLAZING BEAD (KEEPER) #2317 *	PVC
9	EXTRUDED PVC GLAZING BEAD (VERT. & HORT.) #2217 *	PVC
10	OPERABLE SASH LOCK	
11	SASH KEEPER #2240	STEEL
12	FIXED MEETING RAIL REINF. (TOP) 0.060" GALV. STL.	STEEL
13	FIXED MEETING RAIL REINF. (BOTTOM) 0.060" GALV. STL.	STEEL
14	LOCK RAIL REINF. 0.048" GALV. STL.	STEEL
15	BOTTOM LIFT RAIL & SASH REINF. 0.060" GALV. STL.	STEEL
16	WINDOW SCREEN	
17	WEATHERSTRIP PILE W/FIN .187 x .270, LOCK RAIL & SASH (ULTRAFAB)	
18	WEATHERSTRIP PILE W/FIN .187 x .230, FIXED MEETING RAIL (ULTRAFAB)	
19	WEATHERSTRIP PILE W/FIN .187 x .150, SILL (ULTRAFAB)	
20	WEATHERSTRIP VINYL BULB .187" x .375" ø (AMESBURY)	
21	GLAZING 5/8" INSULATED ANNEALED GLASS 1/8" ANNEALED – AIR – 1/8" ANNEALED	GLASS
22	GLAZING COMPOUND (DOW #1199)	SILICONE
23	#8 x 2" PHILLIPS PANHEAD SHEET METAL SCREW (NAILING FLANGE)	STEEL
24	3/16 X 2-3/4" TAPCON	STEEL
25	2X BUCK	ALUM.
26	1/4" SHIM	WOOD
27	MASONRY	CONCRETE

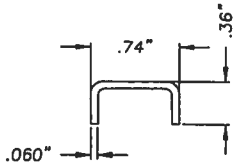
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



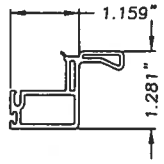
21 GLAZING DETAIL



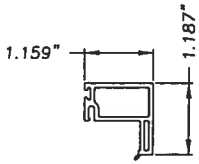
15 BOTT. LIFT RAIL & SASH REINF. GALVANIZED STEEL



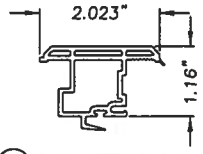
13 FIXED MEETING RAIL REINF. BOTT. GALVANIZED STEEL



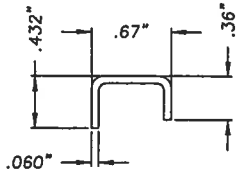
PVC BOTTOM LIFT RAIL



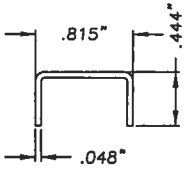
5 PVC TOP RAIL



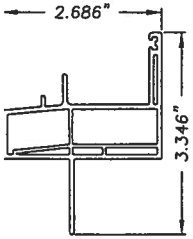
4 PVC MEETING RAIL



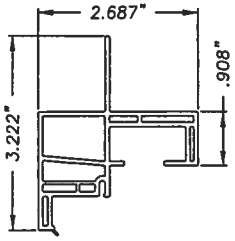
12 FIXED MEETING RAIL REINF. TOP GALVANIZED STEEL



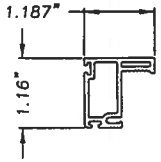
14 LOCK RAIL REINF. GALVANIZED STEEL



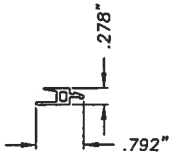
2 PVC SILL



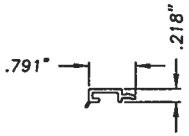
1 PVC MAIN FRAME



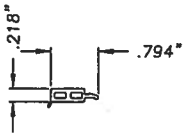
7 PVC STILE



3 PVC GLAZING BEAD



9 PVC GLAZING BEAD



8 PVC GLAZING BEAD (KEEPER)

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Venice FL 33595
Phone No.: 813.698.9187
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
Wendell W. Young P.E. No. 54155 7/26/05

PRODUCT: SILVERLINE BUILDING PRODUCTS 2300 SERIES MODEL 2300 SINGLE HUNG WINDOW

PART OR ASSEMBLY: BILL OF MATERIAL, GLAZING DETAIL & COMPONENTS

NO.	DATE		BY
2	7/26/05	REVISE TO 2004 FBC	EW
1	2/15/05	ADD NOTES SHEET 2	RW

REVISIONS

DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-406
SHEET 4 OF 4

R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197 Facsimile 813.754.9989

Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.: [redacted]

Date: July 26, 2005

Product Category: Windows

Product sub-category: Single Hung

Product Name: [redacted]
Extruded Vinyl Single Hung Window

Manufacturer: Silverline Building Products Corporation
One Silverline Drive
North Brunswick, NJ 08902
Phone – 732.435.1000 Facsimile – 732.247.6820

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Wendell W. Haney, P.E. (System ID # 1993) for Silverline Building Products based on Rule Chapter No. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

RW Building Consultants and Wendell W. Haney, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the Florida Building Code (2004 Edition) and where pressure requirements, as determined by Chapter 16 of The Florida Building Code, do not exceed the following design pressures:

Design Pressure Rating:

Maximum Design Pressure Rating (See Limitations for size restrictions)	Positive 50.0 PSF	Negative 50.0 PSF

See Drawing No.: FL 409 prepared by R W Building Consultants, Inc. and signed and sealed by Wendell W. Haney, P.E. (FL # 54158) for specific use parameters.

Wendell W. Haney, P.E.
FL No. 54158
August 1, 2005

Limitations

1. The 2300 Series – Model 2300 Extruded Vinyl Single Hung Window has been evaluated and meets the requirements for use within the State of Florida excluding the "High Velocity Hurricane Zone".

2. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with section 1609.1.4 of the Florida Building Code.

3. Size Limitations:

Configurations		MAX. Width	MAX. Height
Single	O X	54.5"	75.5"

4. The Design Pressure Rating for the various size units are as follows:

Overall Fin Dimension	Overall Frame Dimension	Overall Day Light Dimension	Glass Type	Design Pressure Rating	
				Positive	Negative
54.5" x 75.5"	52" x 73"	(O) 48.125" x 33.625" (X) 48.125" x 33.625"	1/8" Annealed Air 1/8" Annealed	+25.0 PSF	-25.0 PSF
54.5" x 64.5"	52" x 62"	(O) 48.125" x 28.125" (X) 48.125" x 28.125"	1/8" Annealed Air 1/8" Annealed	+35.0 PSF	-35.0 PSF
47.5" x 64.5"	45" x 62"	(O) 41.125" x 28.125" (X) 41.125" x 28.125"	1/8" Annealed Air 1/8" Annealed	+40.0 PSF	-40.0 PSF
42.5" x 64.5"	40" x 62"	(O) 36.125" x 28.125" (X) 36.125" x 28.125"	1/8" Annealed Air 1/8" Annealed	+45.0 PSF	-45.0 PSF
38.5" x 64.5"	36" x 62"	(O) 32.125" x 28.125" (X) 32.125" x 28.125"	1/8" Annealed Air 1/8" Annealed	+50.0 PSF	-50.0 PSF

Wendell W. Haney, P.E.
FL No. 54158
August 1, 2005

Supporting Documents

A Drawing

1. Drawing No. FL 409 titled 2300 Series, Model 2300 Extruded Vinyl Single Hung Window prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813) signed and sealed by Wendell W. Haney, P.E.

B Tests Performed

1. Testing per Metro-Dade County Protocol TAS 202-94 as performed by Architectural Testing, Inc. and reported in test report number 01-44453.01, dated June 5, 2003, signed and sealed by Joseph A. Reed, P.E.

2. Testing per ANSI/AAMA/NWWDA 101/I.S. 2-97 as performed by Architectural Testing, Inc. and reported in test report number 39154.02-122-47, dated July 14, 2004, signed and sealed by Steven M. Urich, P.E.

3. Plastics testing (Extrusion) in accordance with the "High Velocity Hurricane Zone" substantiated by Issuance of Miami-Dade Notice of Acceptance 03-1110.03, expiring August 15, 2007.

C Calculations

1. Product anchoring is in accordance with manufacturer's published recommendations as substantiated by tested specimens reported in test report # 01-44453.01.

2. Buck anchor analysis for loading conditions, prepared, signed and sealed by Wendell W. Haney, P.E.

3. Glass Load Resistance Report ASTM E1300-02 prepared by Wendell W. Haney, P.E.

D Other

1. Certificate of Participation issued by National Accreditation & Management Institute, Inc., certifying that Silverline Building Products Corporation is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. ID #S-019-1.

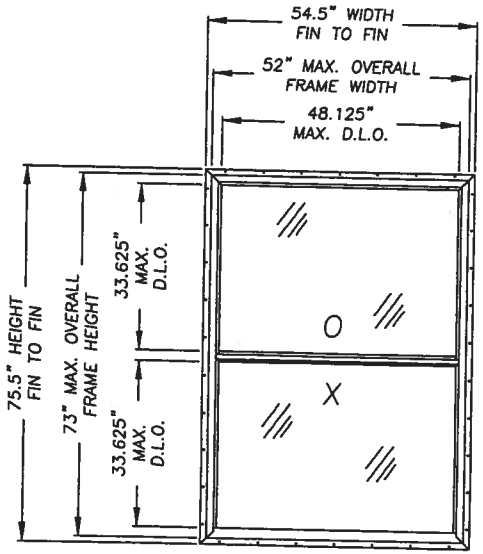
Wendell W. Haney, P.E.
FL No. 54158
August 1, 2005

FL3884.3 R1

SilverLINE
BUILDING PRODUCTS CORP.

1 SILVERLINE DRIVE NORTH BRUNSWICK, NJ 08902 PH. 732.435.1000

2300 SERIES, MODEL 2300 EXTRUDED VINYL SINGLE HUNG WINDOW



GENERAL NOTES

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. WHEN USED IN AREAS REQUIRING WIND-BORNE DEBRIS PROTECTION THIS PRODUCT IS REQUIRED TO BE PROTECTED WITH AN IMPACT RESISTANT COVERING THAT COMPLIES WITH SECTION 1609.1.4 OF THE FLORIDA BUILDING CODE.

OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE	
				POSITIVE	NEGATIVE
54.5" x 75.5"	52" x 73"	(O) 48.125" x 33.625" (X) 48.125" x 33.625"	1/8" ANNEALED AIR 1/8" ANNEALED	+25.0 PSF	-25.0 PSF
54.5" x 64.5"	52" x 62"	(O) 48.125" x 28.125" (X) 48.125" x 28.125"	1/8" ANNEALED AIR 1/8" ANNEALED	+35.0 PSF	-35.0 PSF
47.5" x 64.5"	45" x 62"	(O) 41.125" x 28.125" (X) 41.125" x 28.125"	1/8" ANNEALED AIR 1/8" ANNEALED	+40.0 PSF	-40.0 PSF
42.5" x 64.5"	40" x 62"	(O) 36.125" x 28.125" (X) 36.125" x 28.125"	1/8" ANNEALED AIR 1/8" ANNEALED	+45.0 PSF	-45.0 PSF
38.5" x 64.5"	36" x 62"	(O) 32.125" x 28.125" (X) 32.125" x 28.125"	1/8" ANNEALED AIR 1/8" ANNEALED	+50.0 PSF	-50.0 PSF

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES
2	VERTICAL & HORIZONTAL CROSS SECTIONS
3	BUCK & WINDOW ANCHORING
4	BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.689.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 8613
Wendell W. Haney, P.E. No. 54195

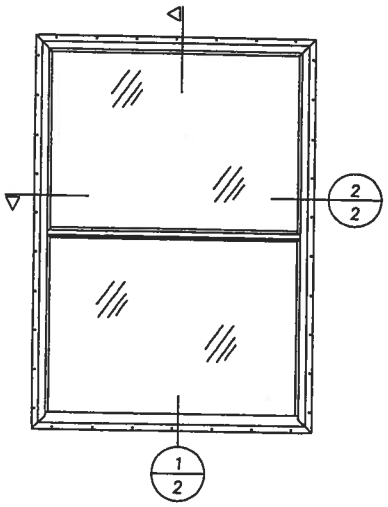
PRODUCT: SILVERLINE BUILDING PRODUCTS 2300 SERIES MODEL 2300 SINGLE HUNG WINDOW

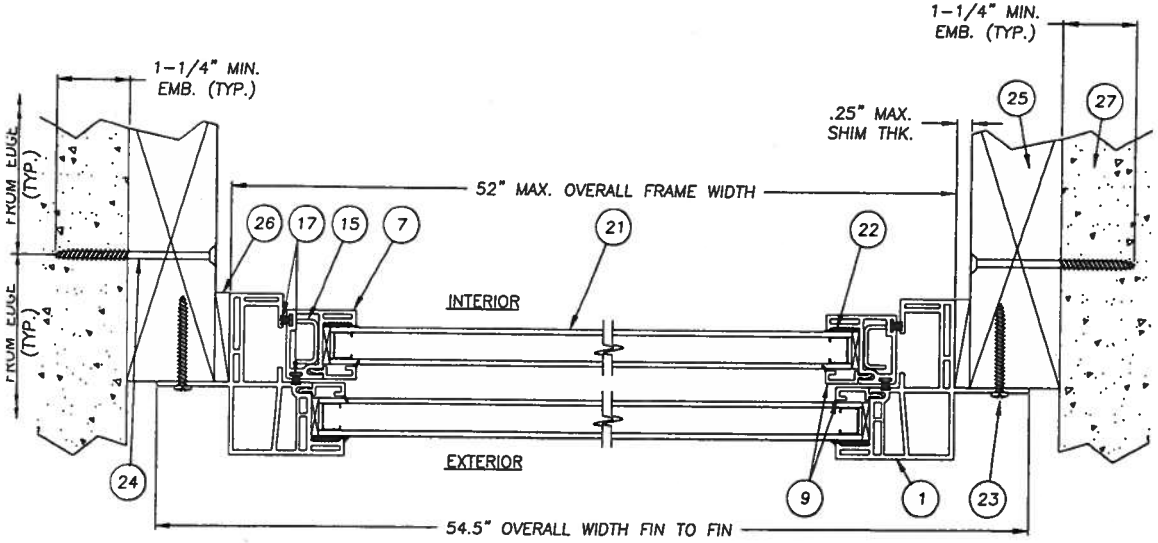
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

REVISIONS

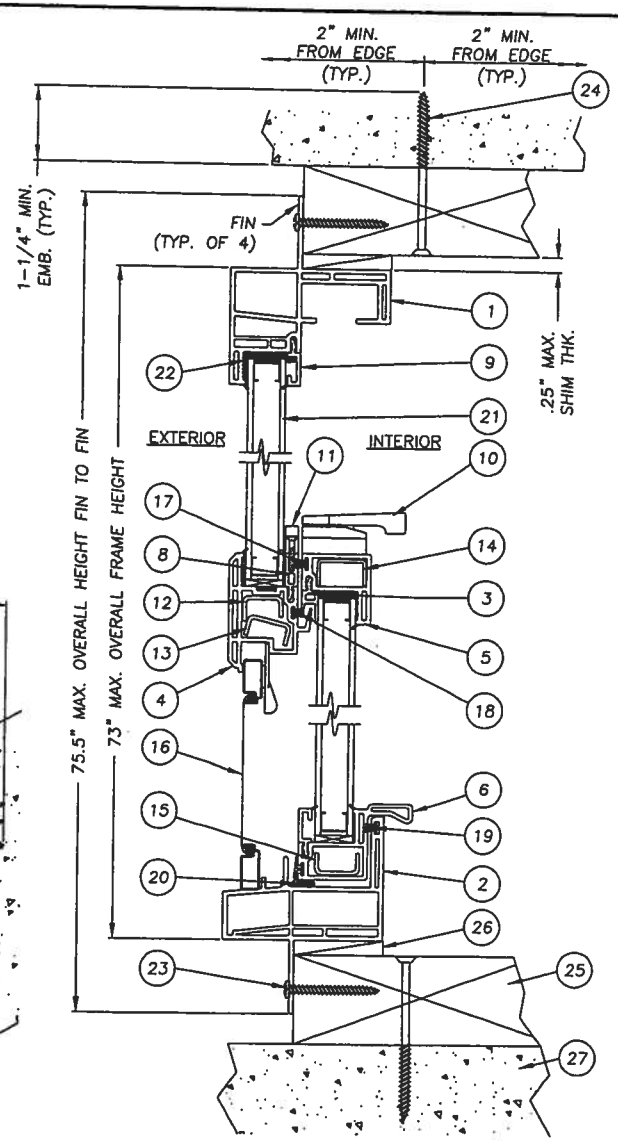
NO.	DATE		BY
1	7/26/05	REVISE TO 2004 FBC	EW

DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-409
SHEET 1 OF 4





2/2 HORIZONTAL CROSS SECTION



1/2 VERTICAL CROSS SECTION

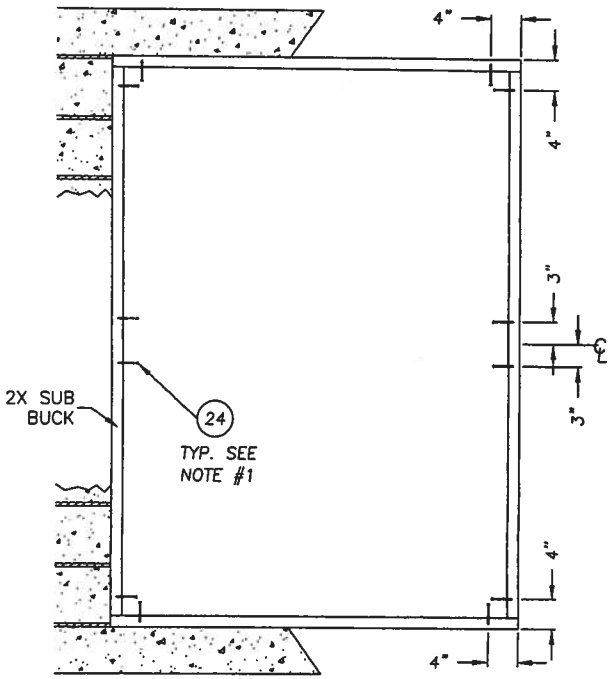
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Hurley, P.E. No. 64158

PRODUCT: SILVERLINE BUILDING PRODUCTS 2300 SERIES MODEL 2300 SINGLE HUNG WINDOW

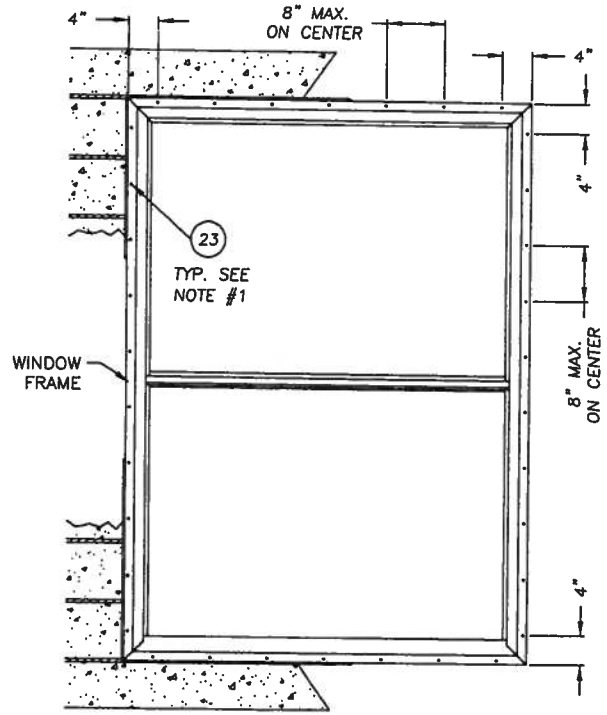
PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY
1	7/26/05	REVISE TO 2004 FBC	EW

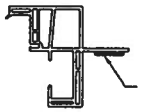
DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-409
SHEET 2 OF 4



2X SUB–BUCK TO MASONRY ANCHORING



WINDOW FRAME TO BUCK ANCHORING



APPLY A GENEROUS BEAD OF COMMERCIAL GRADE CONSTRUCTION ADHESIVE TO THE BACK OF THE FIN AROUND THE FULL PERIMETER AS SHOWN.

NOTES:

1. ADJUST TAPCON LOCATIONS, IF NECESSARY, TO MAINTAIN A MINIMUM 2.0" CLEARANCE FROM MORTAR JOINTS.

2. FOR 2X STUD FRAMING CONSTRUCTION, THE ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Haney, P.E. No. 54158 7/26/05

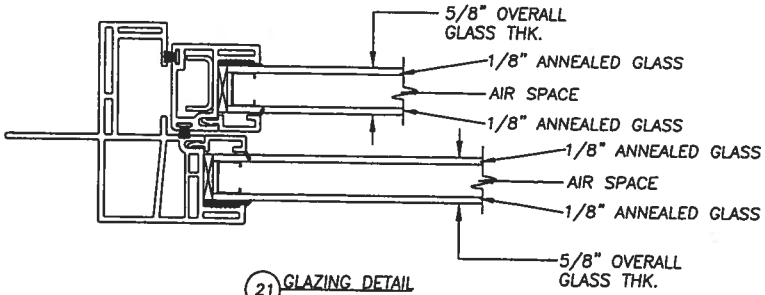
PRODUCT: SILVERLINE BUILDING PRODUCTS 2300 SERIES MODEL 2300 SINGLE HUNG WINDOW

PART OR ASSEMBLY: BUCK & WINDOW ANCHORING

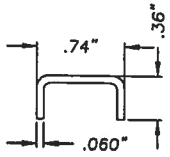
NO.	DATE	REVISIONS	BY
1	7/26/05	REVISE TO 2004 FBC	EW

DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: EW
CHK. BY: WWH
DRAWING NO.: FL-409
SHEET 3 OF 4

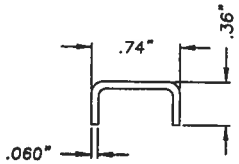
ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED PVC MAIN FRAME (NAILING FIN TYPE) #2161	PVC
2	EXTRUDED PVC SILL (NAILING FIN TYPE) #2163	PVC
3	EXTRUDED PVC GLAZING BEAD (INTERLOCK) #3557	PVC
4	EXTRUDED PVC MEETING RAIL #2167	PVC
5	EXTRUDED PVC TOP RAIL #2908	PVC
6	EXTRUDED PVC BOTTOM LIFT RAIL #2806	PVC
7	EXTRUDED PVC STILE #2905	PVC
8	EXTRUDED PVC GLAZING BEAD (KEEPER) #2317	PVC
9	EXTRUDED PVC GLAZING BEAD (VERT. & HORT.) #2217	PVC
10	OPERABLE SASH LOCK	
11	SASH KEEPER #2240	STEEL
12	FIXED MEETING RAIL REINF. (TOP) 0.060" GALV. STL.	STEEL
13	FIXED MEETING RAIL REINF. (BOTTOM) 0.060" GALV. STL.	STEEL
14	LOCK RAIL REINF. 0.048" GALV. STL.	STEEL
15	BOTTOM LIFT RAIL & SASH REINF. 0.060" GALV. STL.	STEEL
16	WINDOW SCREEN	
17	WEATHERSTRIP PILE W/FIN .187 x .270, LOCK RAIL & SASH (ULTRAFAB)	
18	WEATHERSTRIP PILE W/FIN .187 x .230, FIXED MEETING RAIL (ULTRAFAB)	
19	WEATHERSTRIP PILE W/FIN .187 x .150, SILL (ULTRAFAB)	
20	WEATHERSTRIP VINYL BULB .187" x .375" ø (AMESBURY)	
21	GLAZING 5/8" INSULATED ANNEALED GLASS 1/8" ANNEALED – AIR – 1/8" ANNEALED	GLASS
22	GLAZING COMPOUND (DOW #1199)	SILICONE
23	#8 x 2" PHILLIPS PANHEAD SHEET METAL SCREW (NAILING FLANGE)	STEEL
24	3/16 X 2-3/4" TAPCON	STEEL
25	2X BUCK	ALUM.
26	1/4" SHIM	WOOD
27	MASONRY	CONCRETE



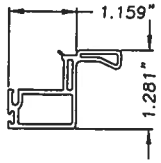
21 GLAZING DETAIL



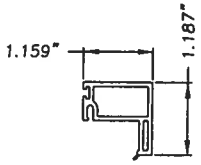
15 BOTT. LIFT RAIL & SASH REINF. GALVANIZED STEEL



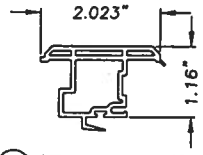
13 FIXED MEETING RAIL REINF. BOTT. GALVANIZED STEEL



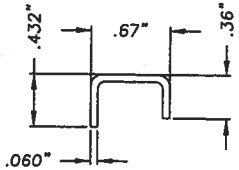
6 PVC BOTTOM LIFT RAIL



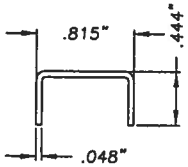
5 PVC TOP RAIL



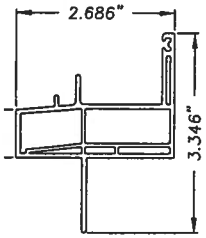
4 PVC MEETING RAIL



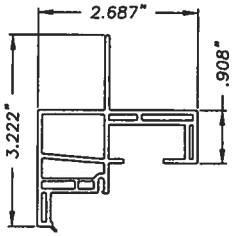
12 FIXED MEETING RAIL REINF. TOP GALVANIZED STEEL



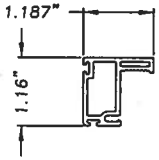
14 LOCK RAIL REINF. GALVANIZED STEEL



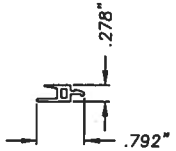
2 PVC SILL



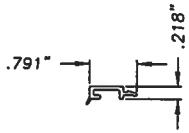
1 PVC MAIN FRAME



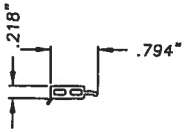
7 PVC STILE



3 PVC GLAZING BEAD



9 PVC GLAZING BEAD



8 PVC GLAZING BEAD (KEEPER)

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Hoopp, P.E. No. 54158
7/26/05

PRODUCT: SILVERLINE BUILDING PRODUCTS 2300 SERIES MODEL 2300 SINGLE HUNG WINDOW

PART OR ASSEMBLY: BILL OF MATERIAL, GLAZING DETAIL & COMPONENTS

NO.	DATE	REVISIONS	BY
1	7/26/05	REVISE TO 2004 FBC	EW

DATE: 12/27/04
SCALE: N.T.S.
DWG. BY: RAH
CHK. BY: WWH
DRAWING NO.: FL-409
SHEET 4 OF 4

EVALUATION ENTITY
Gary Pfuehler, P. E.
5665 Green Oak Court
Fairfield, OH 45014

Product Evaluation Report for Florida DCA

Evaluation Report # 73W4-09

MANUFACTURER
Clopay Building Products Company
8585 Duke Blvd.
Mason, OH 45040
513.770.4800

Statement of Compliance:

The Clopay Building Products Company sectional doors as described on the drawings listed below meet the design and test pressures shown. Based on the testing and rational analysis detailed below, this product is evaluated to be in compliance with the following provisions of the Florida Building Code:

☒ **Outside the HVHZ**: Wind Loads (tested in compliance with FBC 1714.5.3.1, ref. ANSI/DASMA 108 or TAS 202)

☐ **Inside the HVHZ**: Wind Loads for HVHZ (tested in compliance with FBC 1714.5.3.1, ref. TAS 202), 1625 Cyclic Tests for HVHZ (ref. TAS 203), 1626 Impact Tests for HVHZ (ref. TAS 201)

Description of Product: Steel Pan (min. 25 ga.) Single-Car (up to 9'0"wide) WINDCODE® W4 Garage Door
Design Pressures: +25/-32 Test Pressures: +37.5/-48

Specific Models and Technical Documentation:

Model	Test Report	Drawing No.	Comments
73W4, 1500W4, 75W4, 190W4, 84AW4, 94W4	HCN-120 A/B	300159-Rev08	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
76W4	HCN-120 A/B	102429-Rev01	No lites allowed. Low head room track approved per HCN-126.
42W4, 48W4, 55W4	HCN-120 A/B	102046-Rev06	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
4RSTW4, 6RSTW4	HCN-120 A/B	102137-Rev03	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
4RSFW4, 6RSFW4	HCN-120 A/B	102409-Rev02	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
2RSTW4	HCN-120 A/B	102430-Rev01	No lites allowed. Low head room track approved per HCN-126.
110RW4, 120RW4	HCN-120 A/B	101979-Rev05	Glazing approved per HCN-185C, HCN-3. Low head room track approved per HCN-126.
H73W4, H500W4, H76W4, H94W4	HCN-120 A/B	102485-Rev03	Model uses horizontal reinforcement; door height does not affect performance. No lites allowed on model H76W4.
H4STW4, H6STW4, H2STW4	HCN-120 A/B	102491-Rev02	Model uses horizontal reinforcement; door height does not affect performance. No lites allowed on model H2STW4.
H4SFW4, H6SFW4	HCN-120 A/B	102576-Rev02	Model uses horizontal reinforcement; door height does not affect performance.

Installation requirements: Installation must be in accordance with manufacturer's installation instructions.

Limitations and conditions of use: Jambs, lintels, sills or other structural elements required to prepare openings are not covered. The design of the supporting structural elements shall be the responsibility of the professional of record for the building or structure and in accordance with current building codes for the loads listed on the drawing(s) referenced above.

Certification of Independence of Evaluation Entity: I hereby certify that (1) I have no financial interest in Clopay Building Products Company; (2) I am an independent licensed Professional Engineer in the State of Florida; and (3) I comply with the criteria of independence as stated in 9B-72.110 F.A.C.

Signature:

Gary Pfuehler, P. E.
Florida P. E. No. 49850

Date: 6/3/05

FLORIDA PRODUCT APPROVAL 3026R1.4

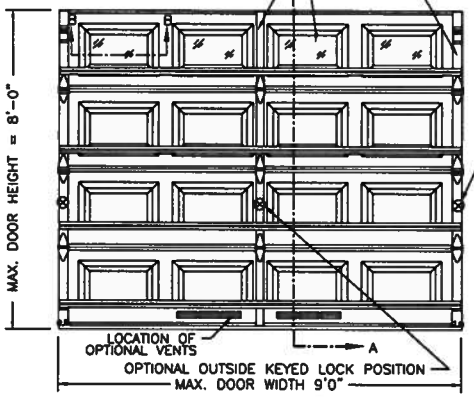
MODELS

	STANDARD	INSULATED
24 GA	84A, 94	-
25 GA	73, 75	190, 1500

OPTIONAL DSB OR 1/8" ACYRLIC LITES AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 (SEE SECTION B-B)

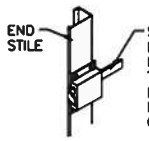
(1) INTERMEDIATE STILE ATTACHED W/ TOG-L-LOC (TOP & BOT) AND URETHANE ADHESIVE (ALONG CENTER)

20 GA. MIN. END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM (TOP, BOTTOM & CENTER).



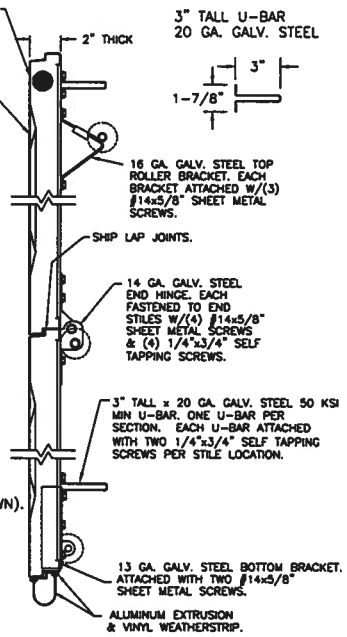
LOCK POSITION (BOTH SIDES) TWO POINT LOCKING

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER16 FBC/IBC)



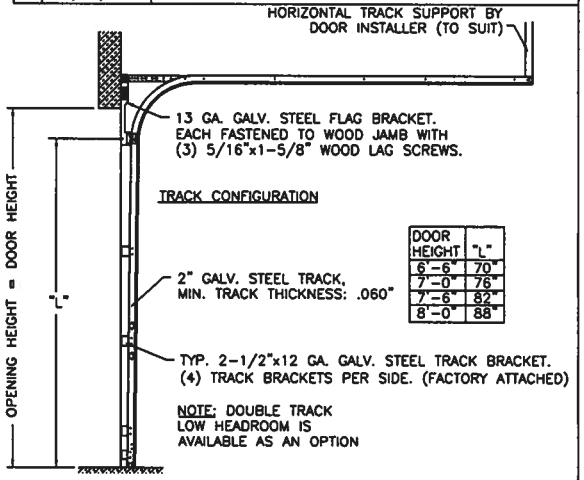
INSIDE SLIDE BOLT LOCK OPTION

NOTE 1:
DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (SHOWN).
DOORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN).

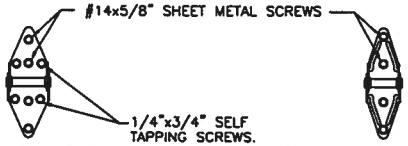


SECTION A-A (SIDE VIEW)

REV	DATE	DESCRIPTION
03	12/1999	ADDED JAMB ATTACHMENT INFORMATION
04	1/2000	DESIGN LOADS WERE +/-24.2; ADD 50 KSI STRUT SPEC.
05	3/16/2000	ADDED LHR TRACK OPTION NOTE; DEL. M/N 82/90
06	9/2003	CLARIFY GLAZING OPTIONS
07	08/03/04	ADDED INSULATED M/N 190, 1500
08	05/19/05	UPDATED CODE REF.



DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"



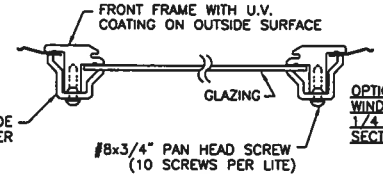
14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

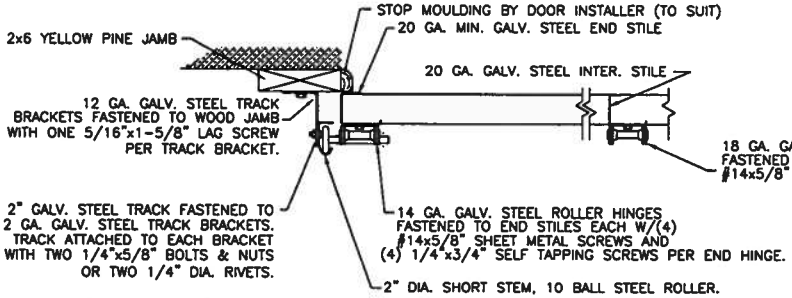
VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHOR BOLTS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BLDG. CODE OR IBC (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) IMPORTANCE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'



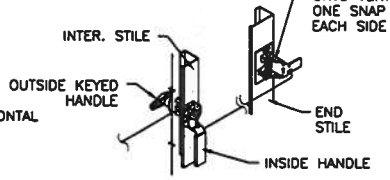
OPTIONAL 10 SCREW WINDOW LITE 1/4 SCALE SECTION B-B



VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 24" CENTERS. 1" O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

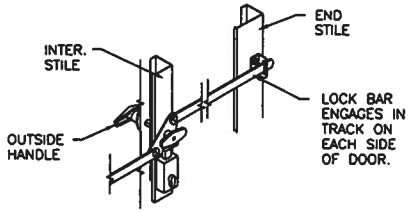
JAMB CONFIGURATION SECTION C-C

DOUBLE TRACK LOW HEADROOM OPTION



SNAP LATCH ENGAGES ONTO VERTICAL TRACK. ONE SNAP LATCH ON EACH SIDE OF DOOR.

OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION



OUTSIDE KEYED LOCK LOCK BAR LOCKING

NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING. INSTALLATION OF JAMBS BY OTHERS.

FLORIDA PRODUCT APPROVAL 3026R1.4

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

Clopay Building Products Company

CLOPAY BUILDING PRODUCTS COMPANY
8585 DUKE BLVD.
MASON, OH 45040
(513) 770-4800

Clopay Corporation All Rights Reserved.

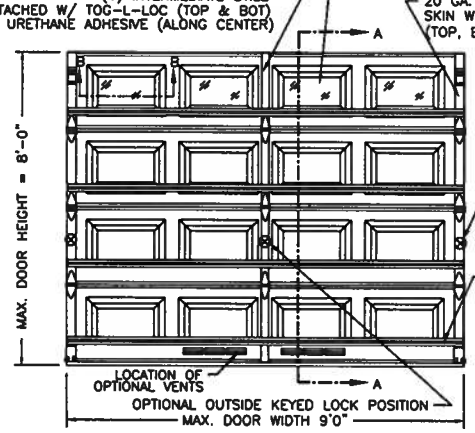
SCALE:	NOTED
DATE:	9/23/96
DRAWN BY:	MWW
CHECKED BY:	
WINDLOAD RATING	W4
MAX. DOOR SIZE:	9'W x 8'H
DESCRIPTION:	73/75/84A/94, 9'W +25/-32
	B
DRAWING NUMBER:	300159
REV:	08

MODELS

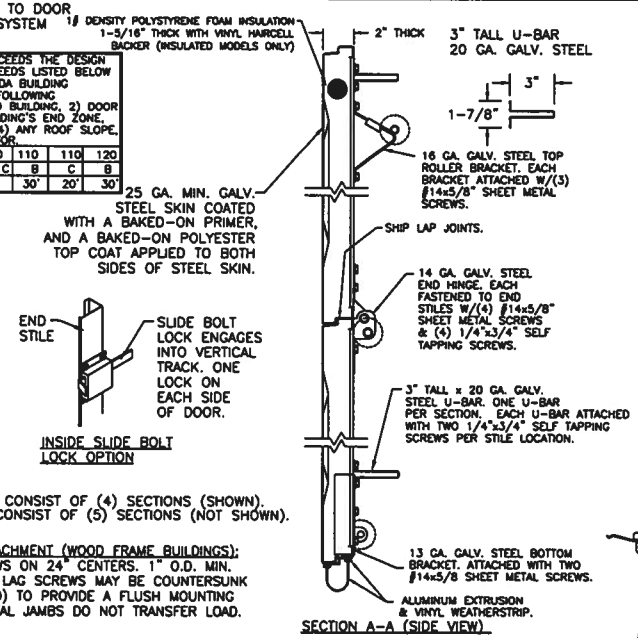
	STANDARD	INSULATED
24 GA	48	–
25 GA	42	55

REVISIONS

REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
05		08/03/04	–	SH	ADD INSULATED M/N 55
06	–	05/20/05	–	SH	UPDATED CODE REF.

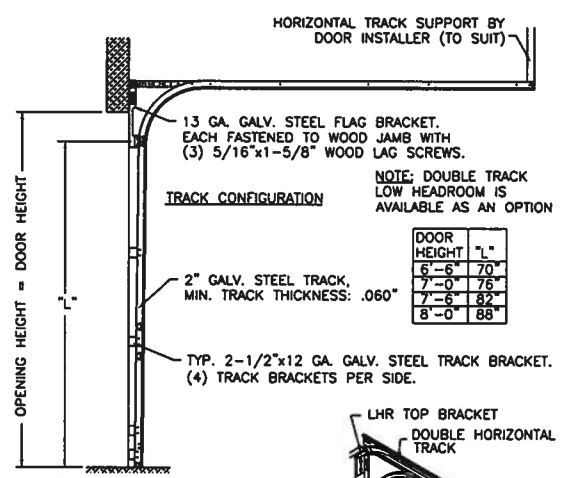


THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) USE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.				
WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	20'	30'



SECTION A-A (SIDE VIEW)

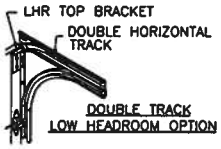
INSIDE SLIDE BOLT LOCK OPTION



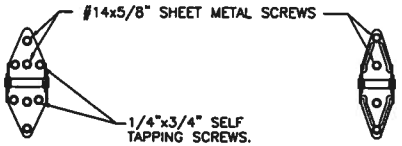
TRACK CONFIGURATION

NOTE: DOUBLE TRACK LOW HEADROOM IS AVAILABLE AS AN OPTION

DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"



DOUBLE TRACK LOW HEADROOM OPTION



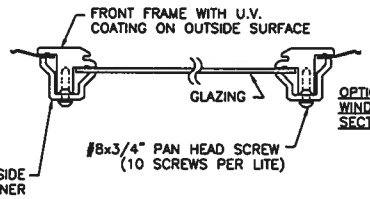
14 GA. END HINGES VIEW "B"

18 GA. INTERMEDIATE HINGE VIEW "C"

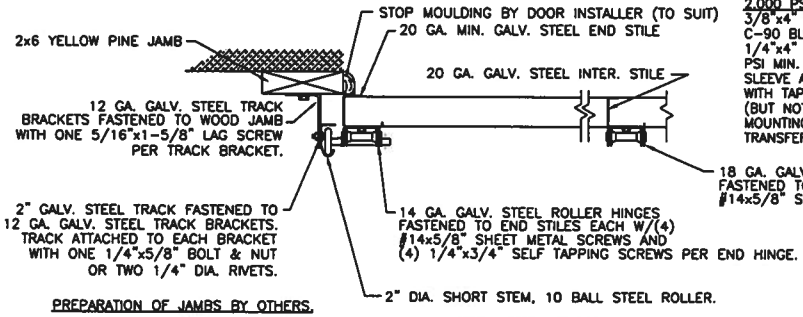
NOTE 1:
DOORS UP TO 7'-0" HIGH CONSIST OF (4) SECTIONS (SHOWN).
DOORS OVER 7'-0" HIGH CONSIST OF (5) SECTIONS (NOT SHOWN).

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 24" CENTERS. 1" O.D. MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x4" SLEEVE ANCHORS ON 24" CENTERS (BOTH C-90 BLOCK OR 2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D. MIN. WASHERS REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

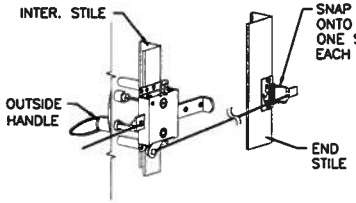


OPTIONAL 10 SCREW WINDOW LITE SECTION B-B



PREPARATION OF JAMBS BY OTHERS.

JAMB CONFIGURATION SECTION C-C



OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER16 FBC/IBC)

DESIGN LOADS: +25.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -48.0 P.S.F.

NOTE 2: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495
NORTH CAROLINA P.E. #23832

FLORIDA PRODUCT APPROVAL 3026R1.4

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).

NOTICE: Confidential/Proprietary information of CLOPAY BUILDING PRODUCTS CO. is contained herein and may not be disclosed, used, duplicated, made available, or distributed without its prior consent. Failure to observe this notice may result in liability for any damages and losses resulting therefrom.

Third Angle Projection

Unless Stated Otherwise TOLERANCES are
.0 = ±.03
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

HOLMES GARAGE DOOR COMPANY
8585 DUKE BLVD.
MASON, OH 45040
(513) 770-4800

PART NO.:			
WINDLOAD RATING W4			
DESCRIPTION: MODEL 42/48 Max Door Size: 9'0"W x 8'0"H			
DRAWN BY: NJE	DATE: 12/3/99	SCALE: NOTED	DWG. SIZE B
CHECKED BY:	DATE:	SHEET 1 OF 1	
DWG. NO.: 102046		REV. NO. 06	

Mark Disosway, P.E.
POB 868, Lake City, FL 32056, Ph (386) 754-5419, Fax (702) 543-7241

February 13, 2007

Building Department
Columbia County
Lake City, Florida

Re: Framing Inspection: McMurry Garage, 1139 SW Wendy Terrace, Lake City, Florida 32025

Dear Building Inspector:

This letter is in reference to framing inspection issues at the above referenced house.

- The windload engineering design was based on trusses provided by Anderson Truss. The builder is going to use roof trusses provided by Builders First Source.
    - The engineering provided is adequate for use with the trusses provided by Builders First Source. The engineering provided called out a minimum truss to wall connection of 535# the max uplift of the engineered trusses design is 523#.

Mark Disosway, PE
Florida Registered Professional Engineer

Cc: Woodman Park (builder)

M A Disosway
13 FEB07

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

Reference to a building permit application Number: 0611-10

Applicant John & Amanda McMurry, Owner/Builder, Property ID 33-4s-17-08940-003

On the date of November 3, 2006 application 0611-10 and plans for construction of detached garage were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0611-10 and when making reference to this application.

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

The windload analysis and structural design by Mark Disosway should be used for all structural construction requirements, materials and components. Some of the construction design detailed by National Plans Service Inc. may not comply with the Florida Residential Building Code.

Thank You:

Joe Haltiwanger
Plan Examiner
Columbia County Building
Department

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1T1X487-Z0231161851

Truss Fabricator: Anderson Truss Company
Job Identification: 6-373--Fill in later Amanda McMurry -- , **
Truss Count: 2
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software,Version 7.24.
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

Seal Date: 10/31/2006

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

Notes:

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

Details: A11015EE-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	45886	--A1 24' Common	06304003	10/31/06
2	45887	--AGE 24' Gable	06304004	10/31/06

(6-373--Fill in later Amanda McMurry -- , ** - A1 24' Common)

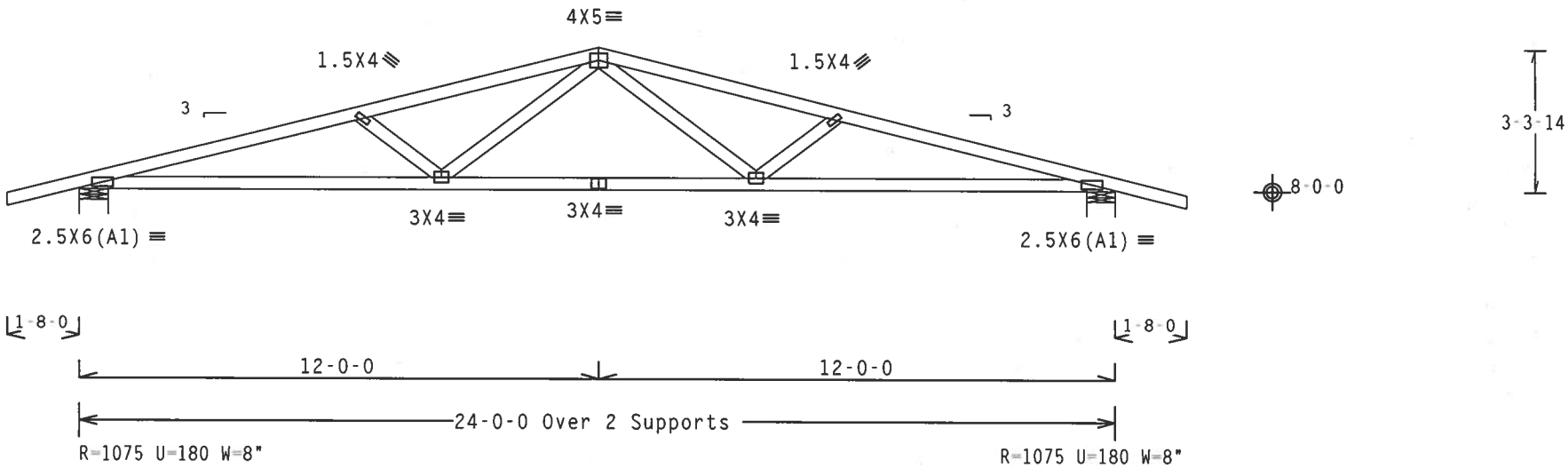
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

PLT TYP. Wave

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

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

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

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

Oct 31 '06

TC LL	20.0 PSF	REF	R487-- 45886
TC DL	10.0 PSF	DATE	10/31/06
BC DL	10.0 PSF	DRW	HCUSR487 06304003
BC LL	0.0 PSF	HC-ENG	TCE/AF *
TOT.LD.	40.0 PSF	SEQN-	10781
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T1X487_Z02

(6-373--Fill in later Amanda McMurry -- , ** - AGE 24' Gable)

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

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

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

In lieu of structural panels use purlins to brace TC @ 24" OC.

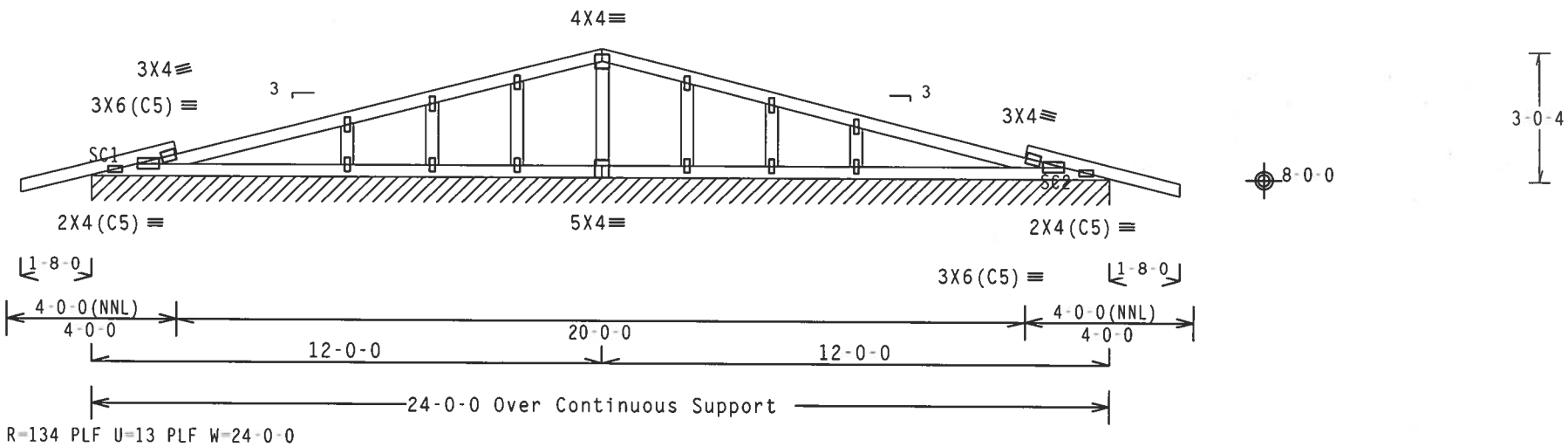
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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



R=134 PLF U=13 PLF W=24-0-0

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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

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

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

Oct 31 '06

TC LL	20.0 PSF	REF	R487-- 45887
TC DL	10.0 PSF	DATE	10/31/06
BC DL	10.0 PSF	DRW	HCUSR487 06304004
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1625
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1T1X487_Z02

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

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE * GROUP A	(1) 1X4 "L" BRACE * GROUP B	(1) 2X4 "L" BRACE * GROUP A	(1) 2X4 "L" BRACE * GROUP B	(2) 2X4 "L" BRACE ** GROUP A	(2) 2X4 "L" BRACE ** GROUP B	(1) 2X6 "L" BRACE * GROUP A	(1) 2X6 "L" BRACE * GROUP B	(2) 2X6 "L" BRACE ** GROUP A	(2) 2X6 "L" BRACE ** GROUP B
24" O.C.	SPF HF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
16" O.C.	SPF HF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"
	SP DFL	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR

#1 / #2	STANDARD
#3	STUD

HEM-FIR

#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH

#3
STUD
STANDARD

SOUTHERN PINE

#3
STUD
STANDARD

GROUP B:

HEM-FIR

#1 & BTR
#1

SOUTHERN PINE

#1
#2

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.

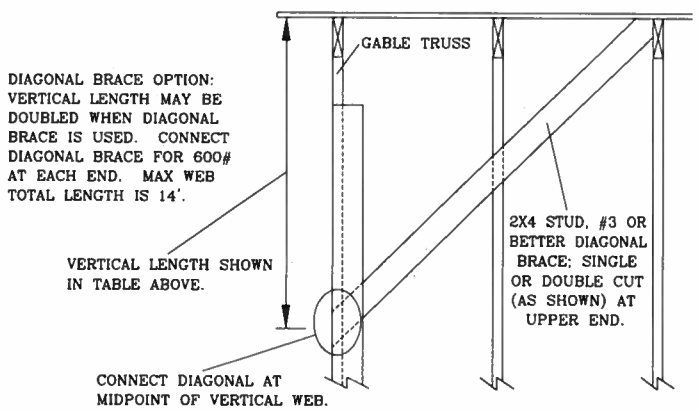
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

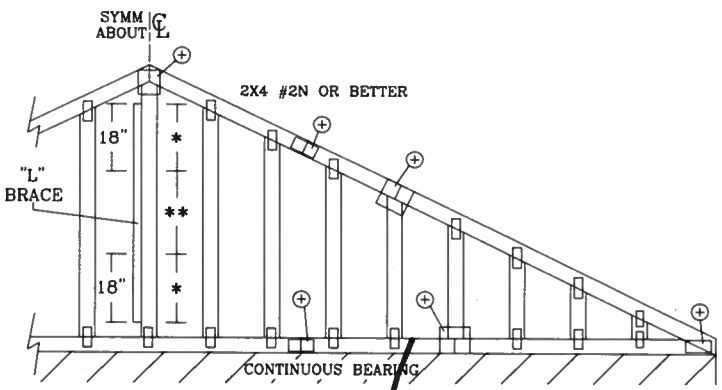
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

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

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





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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

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

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

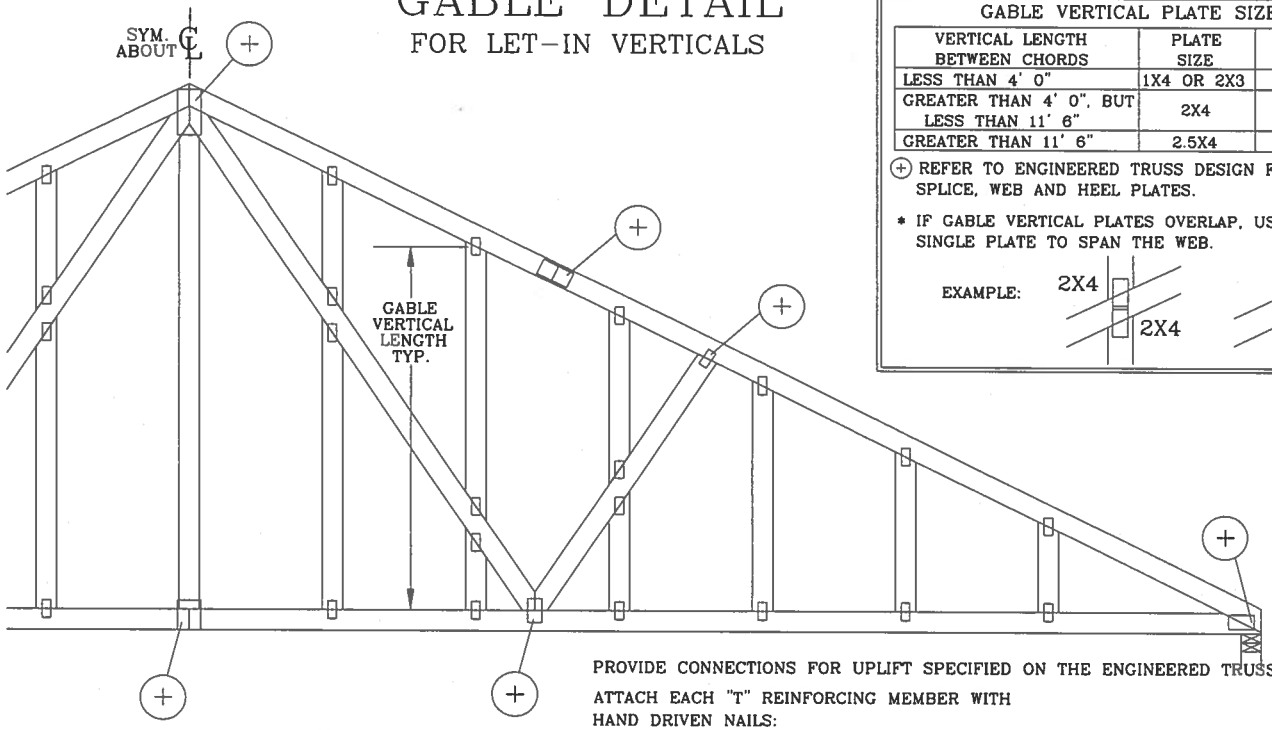
Oct 3 2005

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

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

GABLE DETAIL
FOR LET-IN VERTICALS

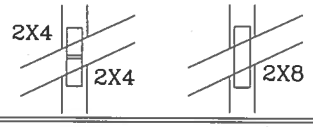


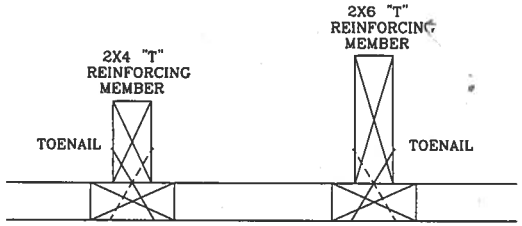
GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

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

EXAMPLE:





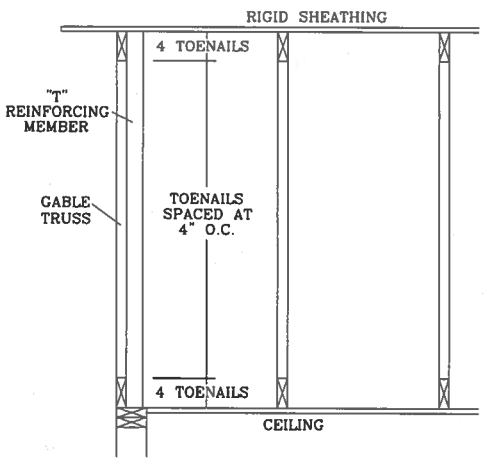
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	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"



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

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

GUN DRIVEN NAILS:
8d COMMON (0.131"X 2.5",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

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

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

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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

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

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

Oct 31

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

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

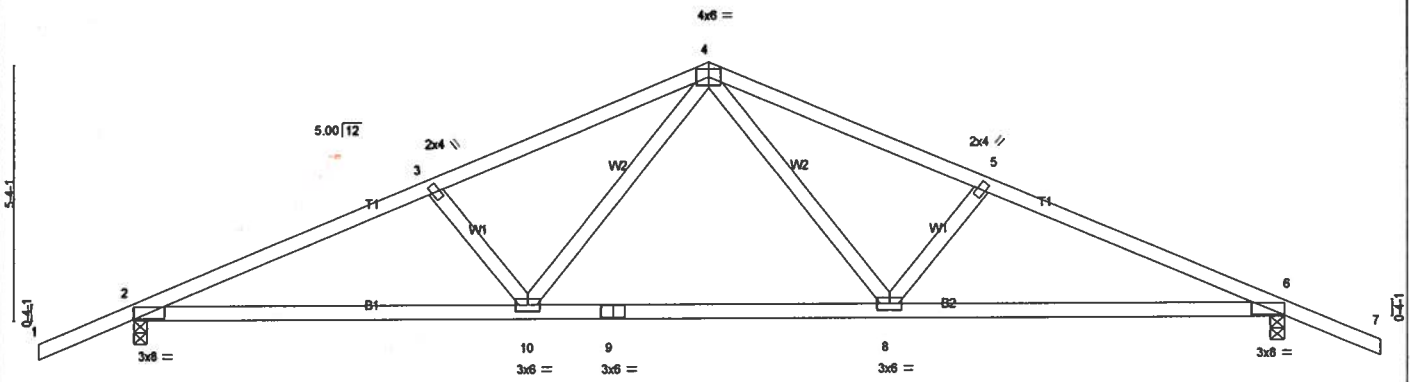
25225

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MARK
L226110	T01	COMMON	11	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Feb 01 09:32:51 2007 Page 1

-2-0-0	6-3-14	12-0-0	17-8-2	24-0-0	26-0-0
2-0-0	6-3-14	5-8-2	5-8-2	6-3-14	2-0-0

Scale = 1:46.3



8-2-10	15-9-6	24-0-0
8-2-10	7-6-13	8-2-10

Plate Offsets (X,Y): [2:0-4-2,0-1-8], [6:0-4-2,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.29	8-10	>987	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.46	8-10	>614	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.28	Horz(TL)	0.07	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 108 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-4 oc bracing.

REACTIONS (lb/size) 2=1301/0-3-8, 6=1301/0-3-8
Max Horz 2=102(load case 5)
Max Uplift2=-523(load case 5), 6=-523(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/40, 2-3=-2435/790, 3-4=-2237/750, 4-5=-2237/750, 5-6=-2435/790, 6-7=0/40
BOT CHORD 2-10=-701/2178, 9-10=-390/1498, 8-9=-390/1498, 6-8=-600/2178
WEBS 3-10=-298/241, 4-10=-276/870, 4-8=-276/870, 5-8=-298/241

JOINT STRESS INDEX
2 = 0.70, 3 = 0.34, 4 = 0.60, 5 = 0.34, 6 = 0.70, 8 = 0.61, 9 = 0.71 and 10 = 0.61

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 523 lb uplift at joint 2 and 523 lb uplift at joint 6.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 2-10=-30, 8-10=-80(F=-50), 6-8=-30

FEB 0 9 2007

The 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 particular building design is the responsibility of the building designer.

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MARK
L226110	T01G	GABLE	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Feb 01 09:34:18 2007 Page 1

-2-0-0 | 12-0-0 | 24-0-0 | 26-0-0
2-0-0 | 12-0-0 | 12-0-0 | 2-0-0
Scale = 1:46.3

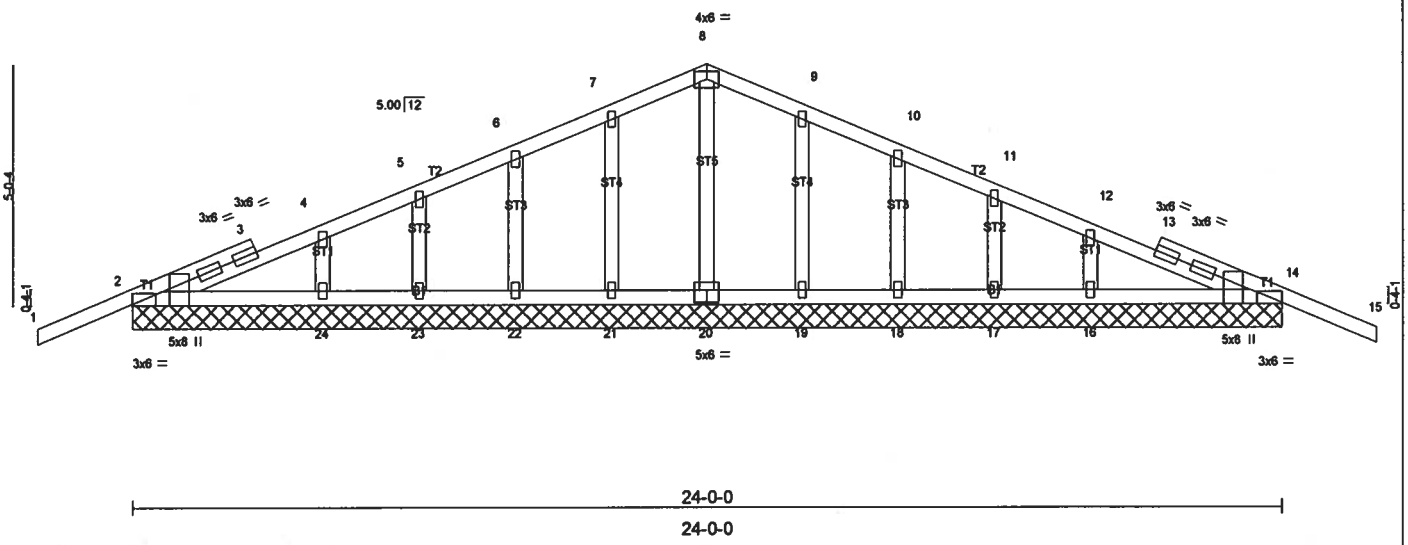


Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-1-13,Edge], [14:0-3-8,Edge], [14:0-1-13,Edge], [20:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.03	15	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.05	15	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.09	Horz(TL)	0.00	14	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 122 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=542/24-0-0, 14=542/24-0-0, 20=294/24-0-0, 21=286/24-0-0, 22=300/24-0-0, 23=238/24-0-0, 24=443/24-0-0, 19=286/24-0-0, 18=300/24-0-0, 17=238/24-0-0, 16=443/24-0-0
Max Horz 2=97(load case 5)
Max Uplift2=-282(load case 5), 14=-296(load case 6), 20=-14(load case 5), 21=-123(load case 5), 22=-126(load case 5), 23=-122(load case 5), 24=-143(load case 5), 19=-121(load case 6), 18=-127(load case 6), 17=-121(load case 6), 16=-147(load case 6)
Max Grav 2=543(load case 9), 14=543(load case 10), 20=294(load case 1), 21=290(load case 9), 22=300(load case 1), 23=238(load case 9), 24=443(load case 9), 19=290(load case 10), 18=300(load case 1), 17=238(load case 10), 16=443(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-11/85, 2-3=-69/46, 3-4=-73/85, 4-5=-47/84, 5-6=-34/107, 6-7=-37/138, 7-8=-38/164, 8-9=-38/159, 9-10=-37/119, 10-11=-34/84, 11-12=-47/52, 12-13=-29/85, 13-14=-69/20, 14-15=-11/85
BOT CHORD 2-24=-7/107, 23-24=-7/107, 22-23=-7/107, 21-22=-7/107, 20-21=-7/107, 19-20=-7/107, 18-19=-7/107, 17-18=-7/107, 16-17=-7/107, 14-16=-7/107
WEBS 8-20=-233/26, 7-21=-232/134, 6-22=-235/140, 5-23=-196/128, 4-24=-340/170, 9-19=-232/132, 10-18=-235/141, 11-17=-196/126, 12-16=-340/174

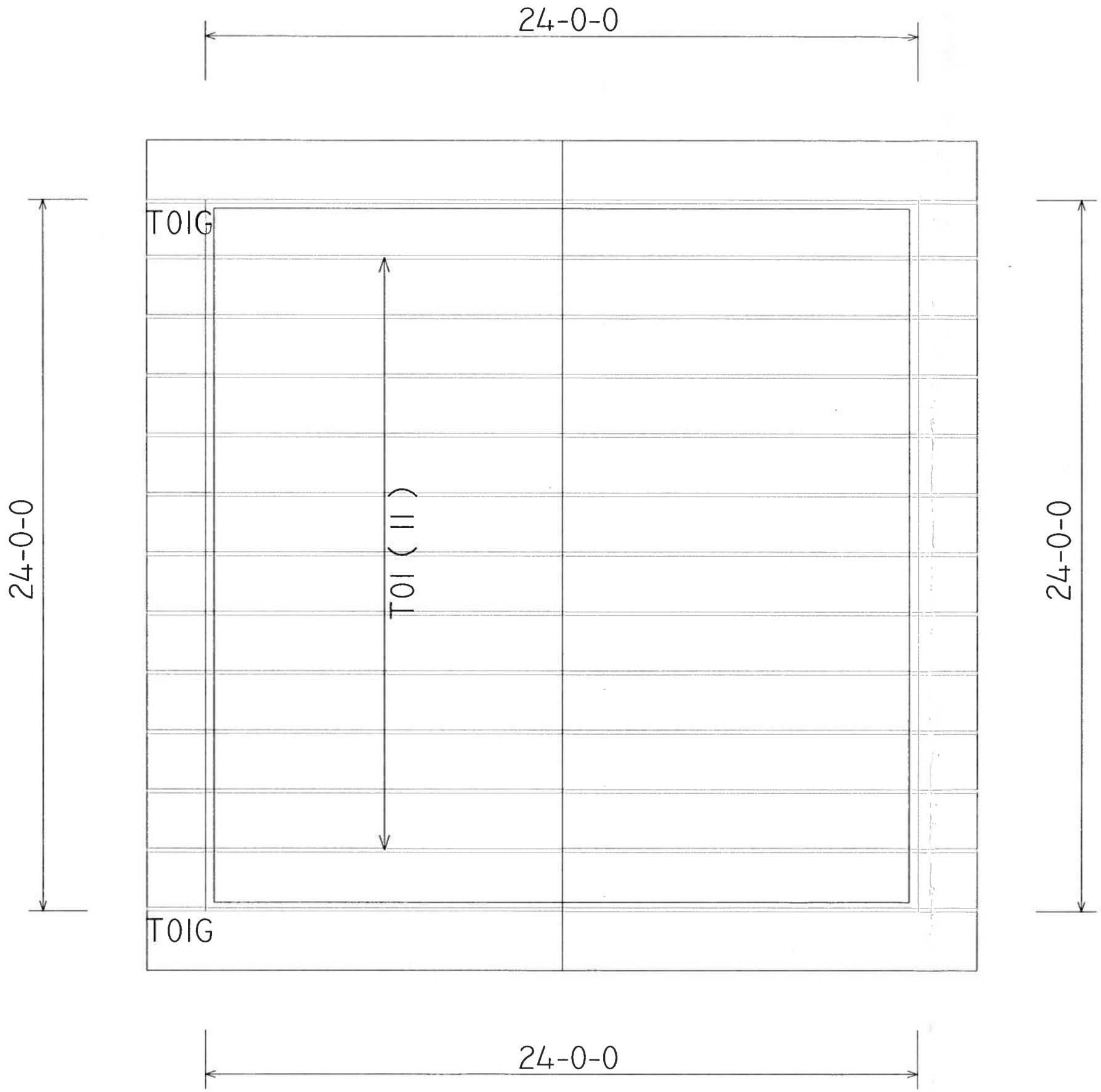
JOINT STRESS INDEX
2 = 0.59, 2 = 0.15, 3 = 0.00, 3 = 0.41, 3 = 0.41, 4 = 0.34, 5 = 0.34, 6 = 0.34, 7 = 0.34, 8 = 0.24, 9 = 0.34, 10 = 0.34, 11 = 0.34, 12 = 0.34, 13 = 0.00, 13 = 0.41, 13 = 0.41, 14 = 0.59, 14 = 0.15, 16 = 0.34, 17 = 0.34, 18 = 0.34, 19 = 0.34, 20 = 0.20, 21 = 0.34, 22 = 0.34, 23 = 0.34 and 24 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 282 lb uplift at joint 2, 296 lb uplift at joint 14, 14 lb uplift at joint 20, 123 lb uplift at joint 21, 126 lb uplift at joint 22, 122 lb uplift at joint 23, 143 lb uplift at joint 24, 121 lb uplift at joint 19, 127 lb uplift at joint 18, 121 lb uplift at joint 17 and 147 lb uplift at joint 16.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-8=-114(F=-60), 8-15=-114(F=-60), 2-14=-30

FEB 0 9 2007

The 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 particular building design is the responsibility of the building designer.



24" O/H
5/12

BEARING HEIGHT SCHEDULE

8'

NOTES:

1.) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.

2.) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL VIOS FOR ALTERNATE BRACING REQUIREMENTS.

3.) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.

4.) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.

5.) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.

6.) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

7.) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.

8.) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Requested Delivery Date: _____

Approved by: _____ Date: _____

Builders FirstSource
Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994
Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973
Lake City
PHONE: 904-755-6894 FAX: 904-755-7973
Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: WOODMAN PARK

LEGAL ADDRESS:

MODEL:

REVISION:

SCALE: NTS

DATE: 2/01/07

DRAWN BY: WWL

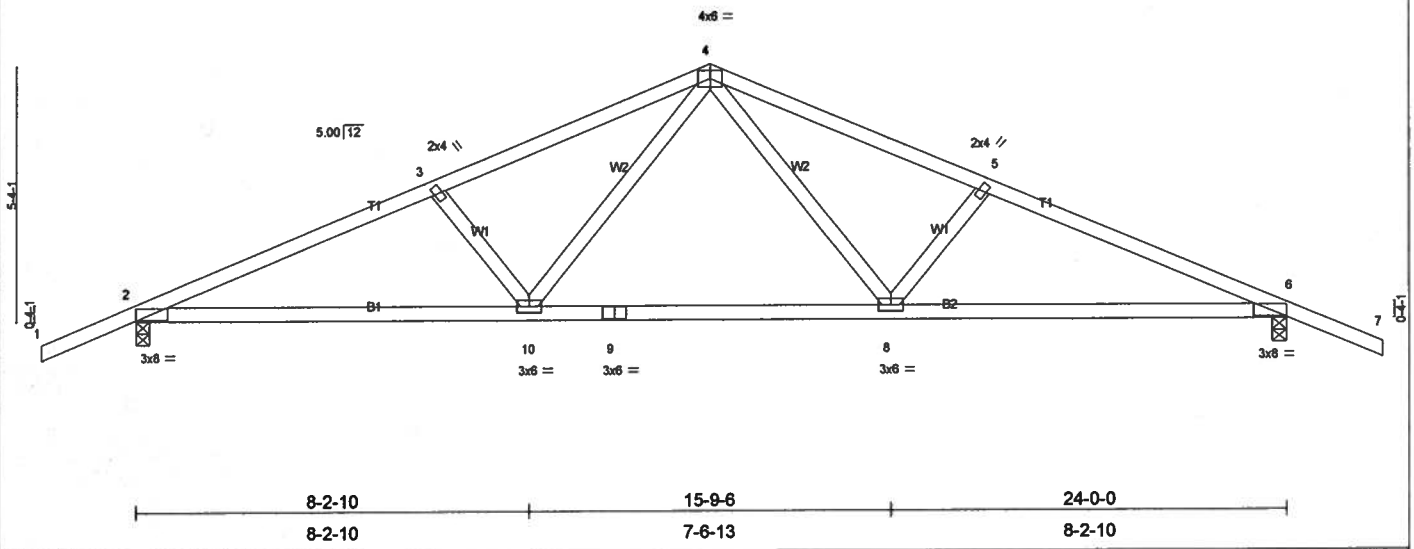
JOB #: L226110

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MARK
L226110	T01	COMMON	11	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Feb 01 09:32:51 2007 Page 1

-2-0-0	6-3-14	12-0-0	17-8-2	24-0-0	26-0-0
2-0-0	6-3-14	5-8-2	5-8-2	6-3-14	2-0-0

Scale = 1:46.3



8-2-10	15-9-6	24-0-0
8-2-10	7-6-13	8-2-10

Plate Offsets (X,Y): [2:0-4-2,0-1-8], [6:0-4-2,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.32	Vert(LL)	-0.29	8-10	>987	240	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.77	Vert(TL)	-0.46	8-10	>614	180		
BCLL	10.0	Rep Stress Incr	NO	WB	0.28	Horz(TL)	0.07	6	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 108 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.1D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-9-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-4 oc bracing.

REACTIONS (lb/size) 2=1301/0-3-8, 6=1301/0-3-8
Max Horz 2=102(load case 5)
Max Uplift2=-523(load case 5), 6=-523(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/40, 2-3=-2435/790, 3-4=-2237/750, 4-5=-2237/750, 5-6=-2435/790, 6-7=0/40
BOT CHORD 2-10=-701/2178, 9-10=-390/1498, 8-9=-390/1498, 6-8=-600/2178
WEBS 3-10=-298/241, 4-10=-276/870, 4-8=-276/870, 5-8=-298/241

JOINT STRESS INDEX
2 = 0.70, 3 = 0.34, 4 = 0.60, 5 = 0.34, 6 = 0.70, 8 = 0.61, 9 = 0.71 and 10 = 0.61

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 523 lb uplift at joint 2 and 523 lb uplift at joint 6.
5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 2-10=-30, 8-10=-80(F=-50), 6-8=-30

FEB 0 9 2007

The 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 particular building design is the responsibility of the building designer.

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - MARK
L226110	T01G	GABLE	2	1	Job Reference (optional)

Builders FirstSource, Lake City, Fl 32055 — 6.300 s Apr 19 2006 MiTek Industries, Inc. Thu Feb 01 09:34:18 2007 Page 1

-2-0-0 | 12-0-0 | 24-0-0 | 26-0-0
2-0-0 | 12-0-0 | 12-0-0 | 2-0-0
Scale = 1:46.3

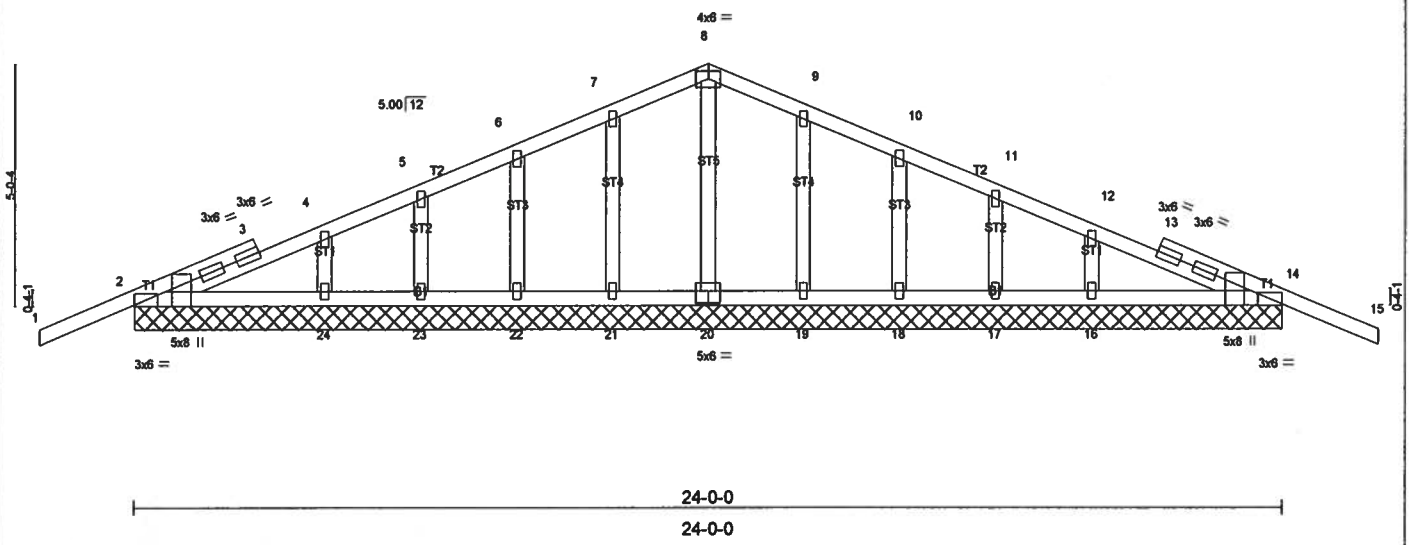


Plate Offsets (X,Y): [2:0-3-8,Edge], [2:0-1-13,Edge], [14:0-3-8,Edge], [14:0-1-13,Edge], [20:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.49	Vert(LL)	-0.03	15	n/r	120	MT20	244/190
TCDL	7.0	Lumber Increase	1.25	BC	0.07	Vert(TL)	-0.05	15	n/r	90		
BCLL	10.0	Rep Stress Incr	NO	WB	0.09	Horz(TL)	0.00	14	n/a	n/a		
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)							Weight: 122 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 2=542/24-0-0, 14=542/24-0-0, 20=294/24-0-0, 21=286/24-0-0, 22=300/24-0-0, 23=238/24-0-0, 24=443/24-0-0, 19=286/24-0-0, 18=300/24-0-0, 17=238/24-0-0, 16=443/24-0-0
Max Horz 2=97(load case 5)
Max Uplift2=-282(load case 5), 14=-296(load case 6), 20=-14(load case 5), 21=-123(load case 5), 22=-126(load case 5), 23=-122(load case 5), 24=-143(load case 5), 19=-121(load case 6), 18=-127(load case 6), 17=-121(load case 6), 16=-147(load case 6)
Max Grav 2=543(load case 9), 14=543(load case 10), 20=294(load case 1), 21=290(load case 9), 22=300(load case 1), 23=238(load case 9), 24=443(load case 9), 19=290(load case 10), 18=300(load case 1), 17=238(load case 10), 16=443(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=-11/85, 2-3=-69/46, 3-4=-73/85, 4-5=-47/84, 5-6=-34/107, 6-7=-37/138, 7-8=-38/164, 8-9=-38/159, 9-10=-37/119, 10-11=-34/84, 11-12=-47/52, 12-13=-29/85, 13-14=-69/20, 14-15=-11/85
BOT CHORD 2-24=-7/107, 23-24=-7/107, 22-23=-7/107, 21-22=-7/107, 20-21=-7/107, 19-20=-7/107, 18-19=-7/107, 17-18=-7/107, 16-17=-7/107, 14-16=-7/107
WEBS 8-20=-233/26, 7-21=-232/134, 6-22=-235/140, 5-23=-196/128, 4-24=-340/170, 9-19=-232/132, 10-18=-235/141, 11-17=-196/126, 12-16=-340/174

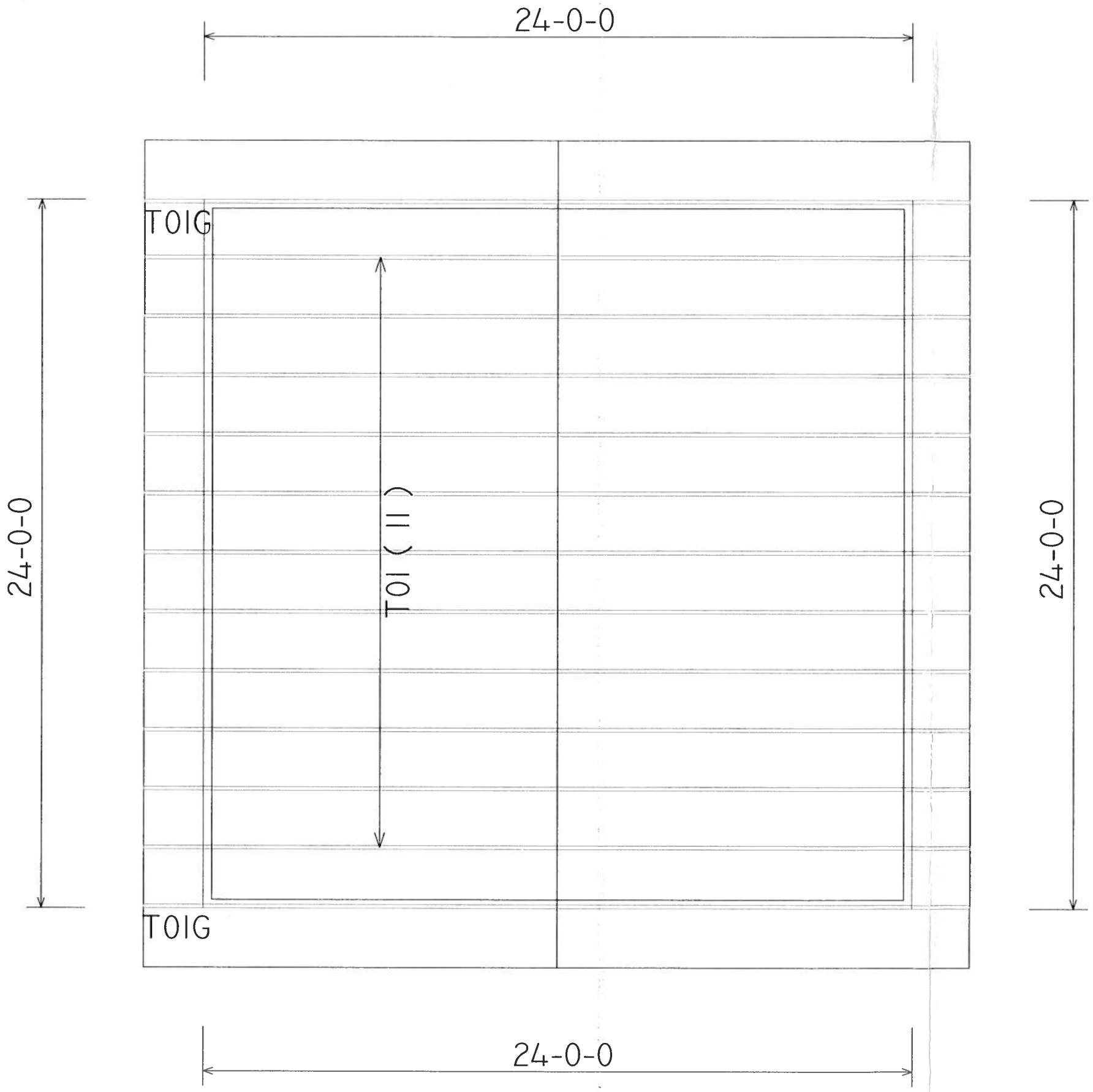
JOINT STRESS INDEX
2 = 0.59, 2 = 0.15, 3 = 0.00, 3 = 0.41, 3 = 0.41, 4 = 0.34, 5 = 0.34, 6 = 0.34, 7 = 0.34, 8 = 0.24, 9 = 0.34, 10 = 0.34, 11 = 0.34, 12 = 0.34, 13 = 0.00, 13 = 0.41, 13 = 0.41, 14 = 0.59, 14 = 0.15, 16 = 0.34, 17 = 0.34, 18 = 0.34, 19 = 0.34, 20 = 0.20, 21 = 0.34, 22 = 0.34, 23 = 0.34 and 24 = 0.34

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Interior(1) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 282 lb uplift at joint 2, 296 lb uplift at joint 14, 14 lb uplift at joint 20, 123 lb uplift at joint 21, 126 lb uplift at joint 22, 122 lb uplift at joint 23, 143 lb uplift at joint 24, 121 lb uplift at joint 19, 127 lb uplift at joint 18, 121 lb uplift at joint 17 and 147 lb uplift at joint 16.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-8=-114(F=-60), 8-15=-114(F=-60), 2-14=-30

FEB 09 2007

The 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 particular building design is the responsibility of the building designer.



24" O/H
5/12

BEARING HEIGHT SCHEDULE

8'

NOTES:

1.) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING.) REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.

2.) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V105 FOR ALTERNATE BRACING REQUIREMENTS.

3.) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.

4.) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.

5.) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.

6.) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.

7.) ALL ROOF TRUSS HANGERS TO BE SIMPSON HU526 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA422 UNLESS OTHERWISE NOTED.

8.) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Requested Delivery Date: _____

Approved by: Date:

Builders FirstSource
Bunnell
PHONE: 904-437-3349 FAX: 904-437-3994
Jacksonville
PHONE: 904-772-6100 FAX: 904-772-1973
Lake City
PHONE: 904-755-6894 FAX: 904-755-7973
Sanford
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: WOODMAN PARK

LEGAL ADDRESS:

MODEL:

REVISION:

SCALE: NTS

DATE: 2/01/07

DRAWN BY: WWL

JOB #: L226110

EXTERIOR STEEL DOOR INSTALLATION INSTRUCTIONS

JELD-WEN®
WINDOWS & DOORS

THE HOME DEPOT

Tools needed:

- Level
- hammer
- nail set
- caulking gun
- rubber gloves
- tape measure
- square
- Phillips screwdriver
- safety glasses
- power drill and 1/8" drill bit

Materials needed:

- Lockset
- caulking
- shims
- sandpaper
- 10d galvanized casing or finish nails or #8 x 3" and #8 x 2 1/4" drywall screws
- paint or stain (and primer or sanding sealer for raw wood doors)

THD-404 3/03

Helpful Hints Before Finishing:

- Place door in a flat level position off the floor and allow it to acclimate to room temperature for at least 24 hours before finishing.
- Finishing is easier if the door is in a horizontal position. Remove the hinge pins and carefully place the door on a padded surface.
- Finish in a dust-free area. Do not finish in direct sunlight.
- Remove hardware and mask off any glass.
- Follow paint or stain manufacturer's instructions.
- Wear safety glasses for eye protection, and wear rubber gloves to prevent soiling the door with oil from your hands.
- Be sure to use good quality paint and primer or stain and wood sealer. Be sure the paint or stain is compatible with the primer or wood sealer.
- Never finish only one side of a door.
- When applying more than one coat of finish, allow each coat to dry thoroughly before applying the next.

EXTERIOR PREHUNG STEEL DOOR INSTALLATION INSTRUCTIONS

Read complete instructions before beginning.

PARTS OF A DOOR SYSTEM

1. For most installations, the rough framed opening (the distance between studs on the right and left and the distance between the header and the sub-floor) should be 2 1/4" wider and 3" taller than the door itself (not including the door jamb).

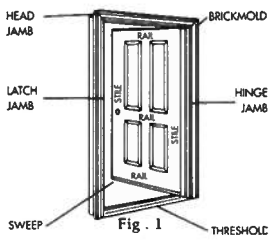


Fig. 1

2. Steel doors are generally 1" shorter than wood, so the rough framed opening may be somewhat shorter. Also, most door units use a 1 3/8" high threshold which provides adequate clearance for both carpet and pad. If your threshold is higher or lower than 1 3/8", the rough framed opening may need to be adjusted.

   Check the rough framed opening to be sure it is level and square and not twisted (Fig. 2). Minor out of level conditions can be corrected with shims during installation. If the opening is badly twisted (not plumb), you may need to repair this condition before proceeding.

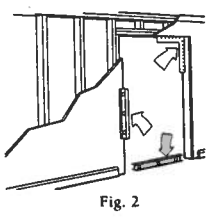


Fig. 2

3. If your prehung door is fastened in the closed position with a duplex nail or removable plastic plug, remove these along with the packaging and crating. NOTE: If your door unit has pre-hanging clips (Fig. 3), do not remove them until instructed to do so. These clips hold the door system aligned and closed during installation.

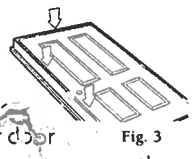
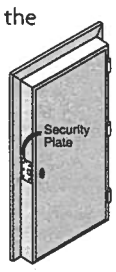


Fig. 3

   If your door unit includes packaging under the threshold and bottom end of the side jamb, remove it. If your door comes with a security plate, do not remove it. Install the door with the security plate attached.



4. Put a generous bead of caulk along the outside edge of the sub-floor and another generous bead of caulk 1/2" in from the first (Fig. 4). Be sure caulking beads seal the threshold and sub-floor to prevent the infiltration of moisture.

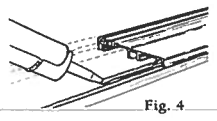


Fig. 4

5. From the outside, tilt the entire prehung door unit into the center of the opening (Fig. 5). Make sure the sill is in contact with the caulking and that the hinge jamb is level. Temporarily fasten the jamb in place with two 10d finish nails (or two #8 x 3" drywall screws if the jamb is to be painted instead of stained). Do not set nails. Place one nail or screw (centered in the jamb) approximately 2" above the bottom hinge and one 2" below the top hinge (Fig. 6). Loosely fasten through the jamb and into the stud.

Fig. 5

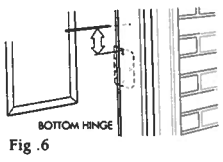


Fig .6

6. From the inside, level and shim the hinge jamb. Place shims behind each hinge (Fig. 7). Be sure the hinge jamb is level in both directions and is square in the opening.

Fig. 7

7. Level, square and shim the latch jamb. Place shims in at least three locations between the jamb and the stud. Temporarily fasten the latch jamb approximately 2" from the bottom and 2" below the top of the jamb with two 10d finish nails (or two #8 x 3" drywall screws if the jamb is to be painted). Do not set the nails. Do not shim or fasten the top of the jamb to the header on a single door unit. If a sidelight is to be used, shim and fasten the top of the unit where the sidelight joins the door jamb.

   After rechecking the hinge jamb to be sure it is still level and square, securely fasten the hinge jamb in place by setting the two nails or screws installed earlier. Add an additional nail or screw centered between the first two. Remove any pre-hanging clips (Fig. 8). Be sure the door opens freely and that the space between the door and the jamb is even on all sides. Be sure the weatherstrip meets the door evenly and seals on all sides. Adjust if necessary. If adjusting is necessary, loosen or remove the latch jamb fasteners and adjust the latch jamb until there is even contact with the weatherstrip.

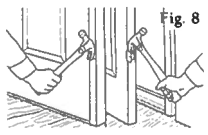


Fig. 8

8. Make sure the door sweep contacts the threshold evenly. You can adjust the threshold contact by adjusting the squareness of the door unit or, if an adjustable threshold is used, by turning the adjustment screws on the threshold (Fig. 9).

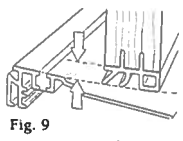


Fig. 9

9. Re-check for smooth door operation and even spacing between the door and jamb. Secure the latch jamb in place with two more 10d finish nails or #8 x 3" drywall screws. Place the nails or screws evenly between the first two already in place and fasten through the shims and into the studs.

10. Install four #10 x 2 1/4" wood screws through the hinge jamb and into the studs; two into the top hinge in the holes closest to the weatherstrip; and one each into the other hinges in the top hole closest to the weatherstrip (Fig. 10). You will need to remove the screws supplied with the hinges to insert these longer #10 x 2 1/4" screws.

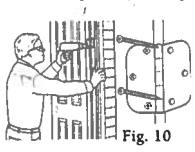


Fig. 10

11. If you have a double door unit to install or a door unit with sidelights, some additional fastening is required. Double doors should be fastened through the top of the door jamb into the door header with two 10d finish nails or two #8 x 3" drywall screws. Do not shim the top of the door jamb (Fig. 11).

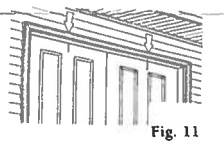


Fig. 11

    On doors with sidelights installed on a wood floor, the door unit should be screwed to the floor with two #8 x 3" drywall screws in each sidelight as shown in (Fig. 12).

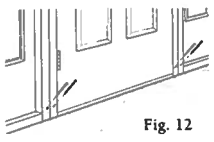


Fig. 12

    On concrete slab floors, doors, sidelights and thresholds should be glued to the concrete with construction adhesive instead of caulk. Be sure to complete installation before adhesive cures.

12. Caulk around the outside of the door unit between the siding and brickmold, along the front side of the threshold and between the jamb sides and the threshold (Fig. 13).

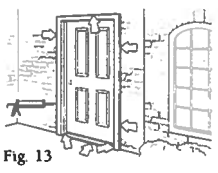


Fig. 13

13. For 20 minute fire rated door units, the door jamb must be within 1/8" of the stud rough framing or solidly shimmed to prevent smoke and fire penetration.
14. Storm door used with a certain exposure and with dark paint colors can create excessive heat buildup. This could damage your door and may void your warranty.
15. Failure to follow proper installation and finishing instructions will void the warranty.

FINISHING INSTRUCTIONS

PRIMED INSULATED STEEL DOORS

PAINTING:

1. Remove the door from the jamb. Do not stand the door on the sweep (the flexible door bottom) as damage may result.
2. Brush the door lightly to remove any loose dirt or particles. Inspect door for dents that may have occurred during construction phase and repair as needed using filler.
3. Clean the door with paint thinner (mineral spirits or turpentine), making sure all residue is removed and the door is dry.
4. Lightly scuff sand the door face and back (to improve paint adhesion) and wipe the door clean.
5. Your JELD-WEN Insulated Steel Door is primed and ready to paint. Note: JELD-WEN steel doors must be painted within 45 days of installation.
6. Paint all sides of the door with a good quality exterior acrylic latex paint or an exterior acrylic enamel. For best results, apply two light coats of paint, allowing the first to dry before lightly sanding and applying the second coat. Be sure to paint the top and sides of the door, as failure to do so will void the warranty.
7. To simulate a wood grain look when using a paintbrush, paint across all the rails from one edge of the door to the other. Then paint the stiles from the top of the door to the bottom.
8. If your door jamb and molding are primed, clean with a damp cloth and allow to dry. Lightly sand any rough areas and re-clean.
9. Paint the jamb and molding with a good quality exterior acrylic latex paint. For best results, use two light coats.
10. Do not paint over the weatherstrip or the door sweep.

Instrucciones para instalar puertas de acero exterior pre-armadas

Lea las instrucciones antes de empezar.

Herramientas necesarias:

Nivel, cinta para medir, martillo, escuadra, clavos de varias medidas, desarmador de estrella, pistola para calafatear, taládro eléctrico y una broca de 1/8", lentes protectores y guantes de hule.

Materiales necesarios:

Chapa, calzas de madera, clavos sin cabeza 10 d; o tornillos para hojas de yeso del #8 x 3" y del # 8 x 2 1/4", pintura y tinta (o preparador de superficies o sellador para maderas virgenes), masilla para calafatear, y papel de lija.

Para determinar si la puerta se abre a la derecha o a la izquierda; párese afuera y con la puerta cerrada (del lado desde donde no se pueden ver las biságras). Abra la puerta, si esta gira de ustèd a la izquierda, es una puerta izquierda; Pero si la puerta gira de ustèd a la derecha, es una puerta derecha.

Componentes de una puerta:

1. En la mayor parte de las instalaciones la abertura del arco en la pared (a distancia entre los polínes a ambos lados, y el travesáño del arco y el piso) debe de ser 2 1/4" más ancho y 3" más allto que la puerta misma, ya que esta medida no incluye el marco de la puerta. Figura 1. (La primera figura es una puerta que ópera de mano derecha.)

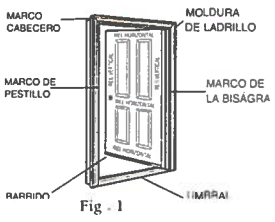


Fig . 1

2. Por lo general las puertas de acero son 1" más cortas que las de madera, así que el arco en la pared debe de ser más corto. También muchas unidades traen un umbral pre-armado de 1 1/4" de altura lo cual provee espacio suficiente para instalar el bajo alfombra y la alfombra sin dificultad. Si el unbral está más alto o más bajo, la medida del arco en la pared se tiene que ajustar. Vuelva a medir el tamaño del aro en la pared para asegurarse que está nivelado y a escuadra y no estè de ninguna manera torcido Fig. 2; Si el desnivelamiento es menor, este puede ser corregido usando calzas de madera mientras hace la instalación. Si por lo contrario, el problema reside en el arco en la pared, más vale que ustèd lo ponga a plomo antes de proceder con la instalación.

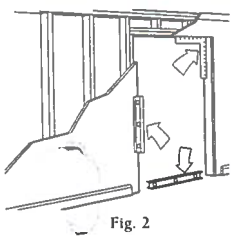


Fig. 2

3. Si la puerta pre-armada está cerrada y asegurada en el marco con clavos dobles o tapón de plástico remieva todo esto, quite todo empaque y la caja en donde venga la puerta. Nota: Si la puerta viene armada y asegurada con broches de metal: No se los quite, hasta que se le den instrucciones para hacerlo. Estos broches mantienen la puerta cerrada y alineada durante su instalación.

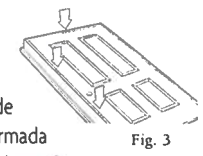


Fig. 3

4. Calafatee la base exterior del umbral del piso del arco generosamente. (Figura 4) Haga también lo mismo con la parte interior para prevenir la invasión de humedad por debajo del umbral.

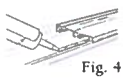


Fig. 4

5. Por la parte de afuera de la puerta, inclínela hacia el centro del arco en la pared y coloque el alfèizar del marco de la puerta, para que caiga sobre el calafateo que puso en el umbral del arco y asegúrese que las biságras del marco quedan a nivel.. Asegure el marco temporalmente en el arco en la pared; usando dos clavos 10 d. sin cabeza (o dos #8 + 3" tornillos para hojas de yeso, si el marco va a ser pintado en vez de ser barnizado), no ponga clavos. Ponga un clavo o un tornillo (centrado en el marco). aproximadamente 2" arriba de la biságra de abajo y otra a 2" de la biságra de arriba (Fig. 6). que no queden los tornillos muy apretados a travez del marco y del polín del arco.

Fig. 5

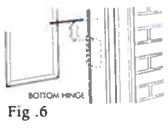


Fig .6

6. Por el lado de adentro, calze y nivele la parte del marco donde están las biságras. Coloque las calzas detrás de cada biságra; Fig. 7. Asegúrese que el lado del marco que tiene las biságras está nivelado en ambas direcciones y la abertura está a escuadra.

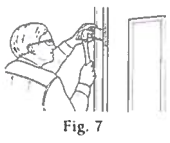


Fig. 7

7. Nivele, escuadre y calze el lado del marco donde esta el picaporte. Coloque las calzas al menos en tres lugares entre el marco y el polín del arco. Afiánze el marco del lado del picaporte más o menos a 2" abajo del travesáño y a 2" arriba del umbral y úse dos clavos sin cabeza # 10 d. y no los clave hasta el fondo (o dos tornillos para hojas de yeso #8 + 3"), si el marco va a ser pintado. No calze o apriete la parte alta del marco en el travesáño en una unidad de puerta de una hoja. si la puerta que va a ser usada, tiene luz lateral, entonces calze y apriete el marco en donde la luz lateral se une con el marco.

   Después de revisar la parte del marco donde están las biságras y comprobar que está nivelado y a escuadra; proceda a afiánzar el marco en el arco de la pared con los dos clavos que había sin apretar completamente. Clave además otro clavo en el marco, más o menos a la mitad del marco, en medio de los que ya están clavados y asegúrelo bién. Proceda a remover los broches de metal que mantienen la puerta alineada (Fig. 8). Asegúrese que abre y cierra sin ninguna dificultad y que los espacios entre la puerta y el marco son uniformes por todos lados. También vea que la franja de masilla con la que calafateó el alfeizar de la puerta, sella perfectamente y no hay muestras de que la humedad se cuela por debajo. En caso de que un ajúste sea necesario, esto lo puede lograr aflojando un poco los clavos o tornillos que están en el marco del lado del picaporte hasta que el alfeizar de la puerta siente por completo sobre la franja de masilla, que va a evitar que la humedad se filtre.

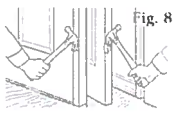


Fig. 8

8. En la parte interna de la base de la puerta, hay una franja que puede ser de hule o de aluminio, sirve como protección en contra de basura o roedores, se le llama la escoba, vea que esta llega hasta la base del alfeizar uniformemente; en caso de que sea necesario un ajuste, esto se puede lograr, ajustando lo escuadrado de la puerta, o si se úsa un alfeizar ajustable, ajústelo con los tornillos que trae. (Fig. 9)

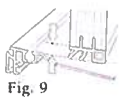


Fig. 9

9. Revise los espacios entre el marco y la puerta y asegúrese que esta abre y cierra sin dificultad. Si todo está trabajando bién, proceda a afiánzar el marco por el lado del picaporte en la madera del arco en la pared, con dos clavos sin cabeza 10 d o dos tornillos para hojas de yeso del #8 x 3". Coloque los clavos o los tornillos simetricamente entre los otros clavos que ya están clavados.

10. Instale cuatro tornillos para madera del #10 x 2 1/4" a travèz de la biságra en la madera del arco en la pared, dos en la biságra superior y en los hoyos que están mas cerca del burlete de la puerta; y uno en cada uno de los hoyos de arriba en las otras biságras más cercano al burlete de la puerta (Fig. 10) Quizá le sea necesario quitar los tornillos que trae la puerta de la fábrica, y reemplazarlos con unos del # 10 x 2 1/4" (para madera).

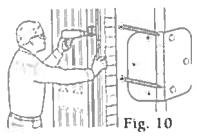


Fig. 10

11. Si ustèd tiene que instalar una puerta de doble hoja la cual tiene luz lateral, un ajuste adicional se tiene que hacer. Las puertas dobles se tienen que afianzar en el travesáño del marco de la puerta, para que afiánze en el travesáño del arco en la pared, haga esto con dos clavos sin cabeza 10 d, o dos tornillos para hojas de yeso del #8 x 3". No calze el travesáño del marco de la puerta. (Fig. 11) Cuando se instalan puerta que tienen Luz lateral sobre pisos de madera. La unidad se tiene que atornillar en el piso con dos tornillos para hojas de yeso del #8 + 3" en cada lado de la Luz lateral, tal y como lo muestra la Fig. 11. En pisos de concreto. Las puertas, luces laterales y alfèizar, se tienen que afianzar usando pegamento para construcció en lugar de la masilla para calafatear. Apresúrese a hacerlo antes que el adhesivo se seque.

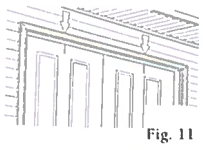


Fig. 11

12. Calafatee con la masilla alrededor de la parte exterior de la puerta entre el panel de molde de ladrillo; a todo lo largo del frente del umbral y entre los lados del travesáño y el panel exterior. En una palabra alrededor del exterior de la unidad.

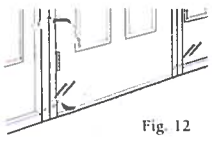


Fig. 12

13. Un 1/8" debe de haber entre el marco de la puerta y el arco en la pared para puertas a prueba de incendio o calzadas sólidamente, para evitar por al menos veinte minutos la infiltración de flamas y humo.

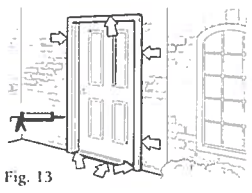


Fig. 13

14. Si la puerta protectora contra las tormentas esté usada con una cierta exposición y con colores oscuros de pintura, puede crear una acumulación excesiva de calor. Esta puede dañar su puerta y puede invalidar su garantía.

15. Cualquier falla en seguir propiamente las instrucciones para la instalación y terminado, puede hacer nula la garantía de las puertas.

Instrucciones para el terminado

Consejos útiles antes de comenzar:

- Mantenga la puerta en una posición horizontal, pero no recostada en el piso, para que se aclimate a la temperatura del cuarto al menos por 24 horas antes de terminarla
- Para hacer que el trabajo de terminar la puerta sea más fácil, hágalo dejando la puerta en una posición horizontal. Remueva los broches de las biságras y ponga algo debajo de la puerta para que la acolchone y no se dañe.
- El área donde se vaya a terminar la puerta tiene que estar libre de polvo. No termine la puerta en el rayo del sol.
- Quire todo lo metálico de la puerta y si esta tiene vidrio, protégala con cinta de papel adhesivo.
- Siga todas las instrucciones del fabricante antes de teñir o pintar la puerta.
- Evite peligro para sus ojos y úse lentes. También guantes de hule para que la puerta no se ensúcie con la grasa de sus manos.
- Siempre úse pintura de buena calidad, o preparador de superficies o tinta y sellador para madera; y asegúrese que son compatibles.
- Nunca termine un sólo lado de la puerta.
- Nunca ponga la segunda mano de pintura sin permitir qure la primera mano haya secado.

Pintando puertas de acero que ya han sido preparadas:

Nota: Las puerta de acero insuladas, que no han sido preparadas tienen instrucciones aparte para su terminado. Lea adelante.

1. Remueva la puerta del marco. No la pare en la escoba (la franja de hule o de metal) por que se puede dañar.
2. Cepille la hoja de la puerta ligeramente para quitar la suciedad o particulas extrañas que tenga. Inspeccione la puerta para encontrar abolladuras que puedan haber ocurrido durante la fase de la construcción y reparelas con masilla si sea necesario.
3. Limpie la hoja de la puerta con Thiner puro o aguarrás. Asegúrese que todo exceso de esto sea quitado. Y la hoja está seca.
4. Para que la pintura se adhiera mejor a la madera, trate de que la superficie en ambos lados de la hoja, no quede muy liita sino que quede un poco áspera, luego remueva todo rastro de polvo y déjela limpia.
5. La marca de esta puerta de acero es "JELD-WEN", es una puerta que está insulada y lista para pintarse. Nota: Las puertas de acero marca "JELD-WEN" (sin incluir las puertas de acero inóxidable) deben de ser pintadas dentro de unos 45 dias de haber sido instaladas.
6. Pinte todos los lados de la puerta con una pintura exterior a base de Látex Acrílico; o con un buen. Esmalte a base de Acrllico para exteriores. Para obtener mejores resultados aplique dos manos de pintura delgadas, permitiendo que la primera mano seque bién para lijarla ligeramente antes de proceder a aplicar la segunda mano. Asegúrese de pintar todos los cantos de la puerta, por que si no, esto puede hacer nula la garantía.
7. Para simular que la puerta tiene grano de madera, cuando se usa una brocha para pintarla, pintela primero a todo lo ancho y luego a todo lo largo desde la parte alta de la puerta hasta la base.
8. Si las molduras y el marco de la puerta ya han sido preparadas, limpielas con un trapo húmedo y dejelas secar. Lije ligeramente cualquier área que esté áspera y vuelva a limpiarlas.
9. Pinte las molduras y el marco de la puerta con un buen Esmalte a base de Laatexx Acrílico para exteriores. Para obtener mejores resultados aplique dos manos delgadas.
10. Tenga cuidado de no pintar el Burlete, (la franja de hule que está alrededor del tope de la puerta, que sirve para prevenir la humedad y el mal tiempo) o la escoba de la base de la puerta.

Puertas de Acero Insuladas, con apariencia de grano de madera y adecuadas para Teñirse.

Pimtando:

1. Quite la hoja del marco de la puerta. Cuidado de no pararla sobre la escoba de la hoja, (la franja flexible que está en la base de la hoja) por que se puede dañar. Si la escoba está atornillada quítela con cuidado.
2. Sacuda la superficie ligeramente para remover las particulas de polvo.
3. Limpie la puerta con Thinner para pintura, (o con aguarrás) teniendo la seguridad de que todo el residuo de esto es quitado y la puerta está seca. No úse papel de lija o Thinner a base de Laca en este tipo de puerta.
4. La primera mano de preparador de superficies no es necesario.
5. Pinte todos los lados de la hoja con una buena pintura para exteriores a base Látex Acrílico. No úse pinturas a base de aceite en puertas de acero que son teñibles. Aplique la pintura usando una brocha siguiendo la dirección de la vena de la madera, cuidando de que la superficie queda uniforme.

   Para lograr un mejor terminado, aplique dos manos ligeras de pintura, permitiendo que la primera mano seque bién antes de aplicar la segunda. Una brocha de aire se puede usar también. Nota: Excesivas manos de pintura, sólo lograrán que se pierda el efecto de la textura de grano de madera.
6. Si las molduras y el marco de la puerta ya han recibido la primera mano de preparador para superficies, limpielas con un trapo húmedo y deje que se sequen bién. Lije ligeramente todos los espacios que parezcan estar ásperos y vuelva a limpiar esas áreas.
7. Pinte el marco y las molduras con una pintura exterior de buena calidad a base de Látex Acrílico. Para lograr un mejor terminado de dos manos delgadas de pintura.
8. Tenga cuidado de no pintar el burlete (la franja de hule que está alrededor del tope de la puerta que previene la intrusión del mal tiempo), y la escoba (la franfa flexible en la base de la hoja), la cual sirve para prevenir la entrada de la humedad.

Preparación previa al teñimiento:

1. Quite la hoja del marco de la puerta. Cuidado de no pararla sobre la escoba de la hoja, (la franja flexible que está en la base), pués se puede dañar.
2. Sacuda la hoja ligeramente para remover todas las particulas de polvo.
3. Limpie la puerta con Thinner puro para pintura (o aguarrás - No úse thinner a base de Laca) asegurandose de que todo el residuo se remueva y la puerta quede seca. No use papel de lija en las puertas de acero que se pueden teñir.

Tiñiendo:

1. Use una tinta hecha a base de aceite de linaza o de aceite para artistas; para obtener un terminado más rico y profundo, una tinta de una consistencia gruesa también puede ser usado.
2. Aplique la tinta con un trapo de mante de cielo humedecido con Thinner para pintura. Con este trapo haga la prueba en una área pequeña de la hoja de la puerta, para ver si este es el tono deseado. Toda una gama de colores pueden conseguirse, con tan sólo variar la cantidad de tinta que se Use.
3. Aplique la tinta a todos los cantos de la puerta y limpielos bién a lo largo de la superficie, Después con un movimiento circular aplique la tinta en toda la superficie de la puerta comenzando con los relieves de los páneles primero y después con las otras seccioness.
4. Después de terminar con un lado de la hoja, con mucho cuidado corra un trapo de mante de cielo a lo largo de la vena de la madera para permitir que se ponga todo uniforme y resalte la belleza del grano de la hoja. La presión que aplique afectará la profundidad del color. Si después de esto, ustèd no está satisfecho con el color, este se puede cambiar de nuevo, quitando todo esto con Thinner para pintura.
5. Permita que la tinta no se toque por al menos dos horas; después, con una brocha de aaire aplique una mano de un buen Barniz a base de poli-uretano, (la primera mano tiene que ser aplicada con la brocha de aire). Sobreencime cada mano de Barniz, hasta que la hoja de la puerta quede bién cubierta.
6. Manos adicionales del terminado se pueden aplicar. Cuando se dan dos manos ligeras se obtiene un terminado medio brillante. Y una tercera mano da, un aspecto de Alto Brillo. Si el área donde se ha pintado es húmeda deje que se seque por al menos 24 horas o más.
7. Repita este mismo proceso con el otro lado de la puerta.

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

BUILDING PLANS EXAMINER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB

APR 07 2003

Building & Zoning Inspection Div-Jax., FL.

Examiner Signature

License No.

NOTICE OF ACCEPTANCE (NOA)

Jeld-Wen, Inc.
31725 Highway 97 N.
Chiloquin, OR 97624

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "DoorCraft® Steel" Single Outswing Opaque W/E Insulated Steel Door - Impact

APPROVAL DOCUMENT: Drawing No. **DC9920**, dated 09/25/00, titled "Outswing Opaque Insulated Steel Single Door in Wood Frame", sheets 1 through 5, prepared by R. W. Building Consultant, Inc., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: 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", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA 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 NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 00-1006.05** and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**

PRODUCT CONTROL ACCEPTED

NOA No 02-0712.06
Expiration Date: August 05, 2007
Approval Date: August 08, 2002
Page 1

DoorCraft® Steel

OUTSWING OPAQUE SINGLE DOOR
WOOD EDGE INSULATED STEEL DOOR WITH WOOD FRAMES

GENERAL NOTES

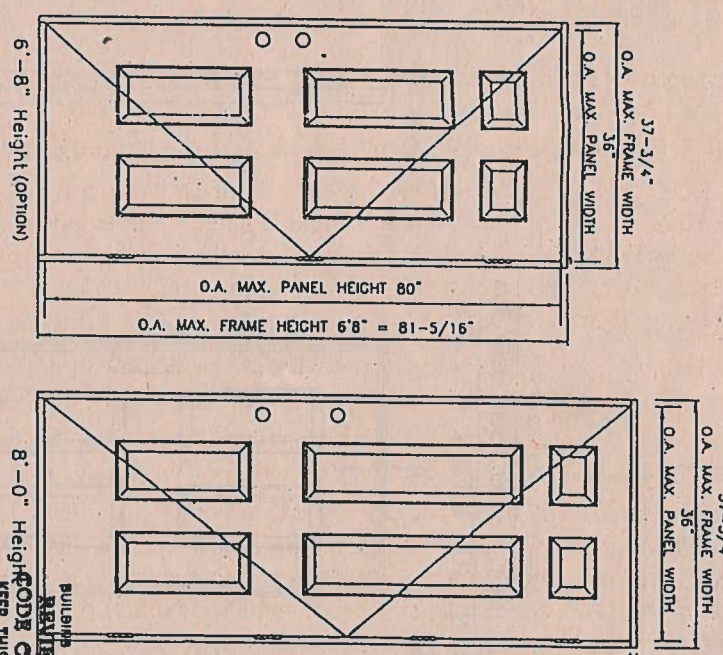
1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. IMPACT RESISTANT SHUTTERS NOT REQUIRED
5. DESIGN PRESSURE RATING SHALL BE AS FOLLOWS:
   - FOR 6'8" WOOD FRAMES: SEE TABLE ON SHEET 2
   - FOR 8'0" WOOD FRAMES: SEE TABLE ON SHEET 3

OUTSWING INSULATED STEEL DOOR
(Common to all frame conditions)

Door Leaf Construction:
Face sheets: 24 ga. (0.020") minimum thickness, Galvanized steel A-525 commercial quality - AKDO per ASTM 620 with min. yield strength Fy=23,300 psi.
Core design: Expanded polystyrene with 1.0 to 1.25 lbs. density.
Construction: steel face sheets glued to expanded polystyrene (EPS), with wood rails and Laminated Veneered Lumber stiles o wood lock block reinforcement.

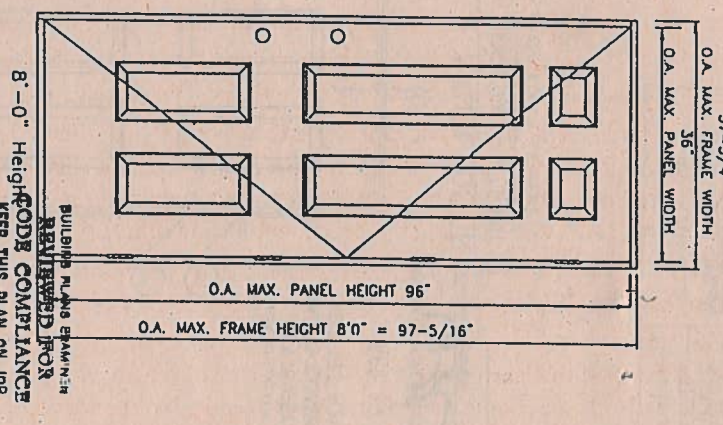
TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATION)
2	ANCHORS AND ELEVATIONS
3	ANCHORS, ELEVATIONS AND BILL OF MATERIALS
4	VERTICAL AND HORIZONTAL CROSS SECTIONS
5	COMMON (DOOR MODELS, LOCK DETAILS)



6'-8" Height (OPTION)

6 PANEL EMBOSSED DOORS VIEWED FROM EXTERIOR
(SHOWN FOR CLARITY OF VIEW)



8'-0" Height

BUILDING PLANS EXAMINER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB

APR 07 2003

Building & Zoning Inspection Div-Jax., FL.

DESIGN PRESSURE RATING

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	+ 50.0 psf	+ 50.0 psf
NEGATIVE	- 53.0 psf	- 53.0 psf

PRODUCT REVIEWED as complying with the Florida Building Code
Acceptance No. 02-0712.06
Expiration Date Aug 5, 2007
By: Manuel Perez
Miami/Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE: January 17, 2001
BY: Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-1006.05

Examiner Signature
License No.

R.W. BUILDING CONSULTANTS, INC. 813.684.3831

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC9920
SHEET 1 OF 5

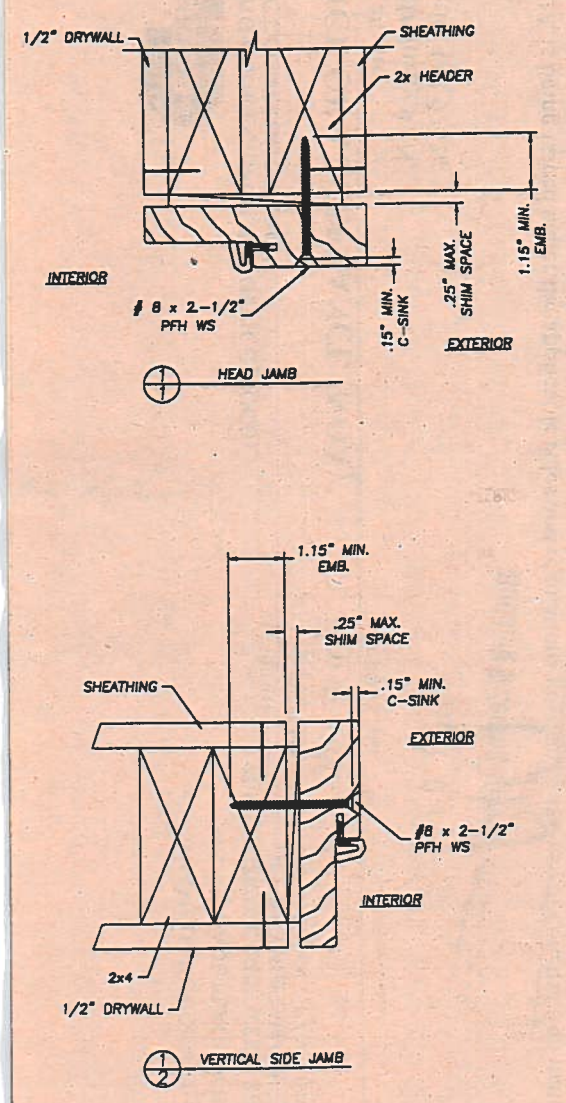
NO	DATE	BY

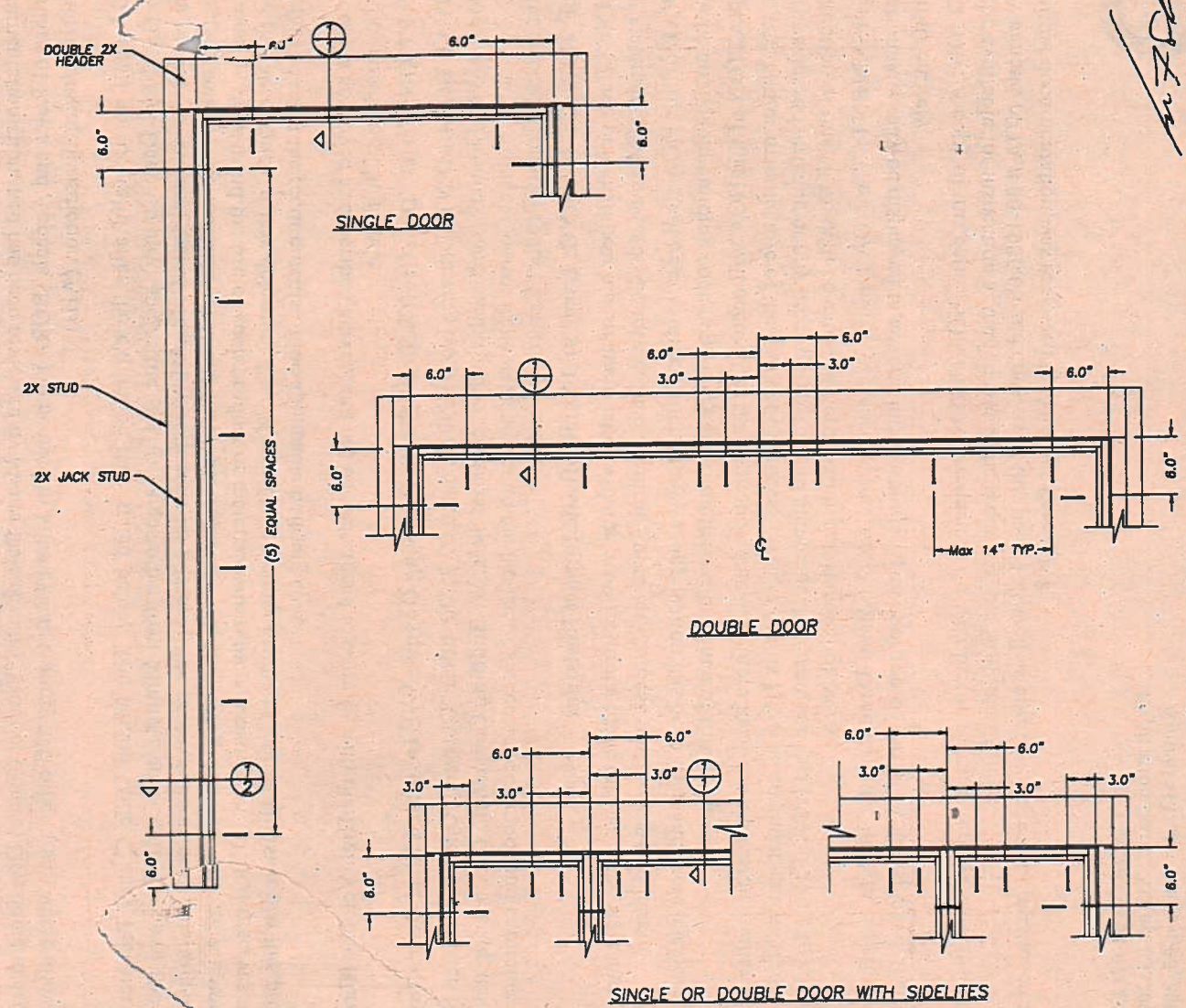
REVISIONS

PRODUCT: OUTSWING OPAQUE INSULATED STEEL SINGLE DOOR IN WOOD FRAME

PART OR ASSEMBLY: ELEVATIONS AND GENERAL NOTES

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057





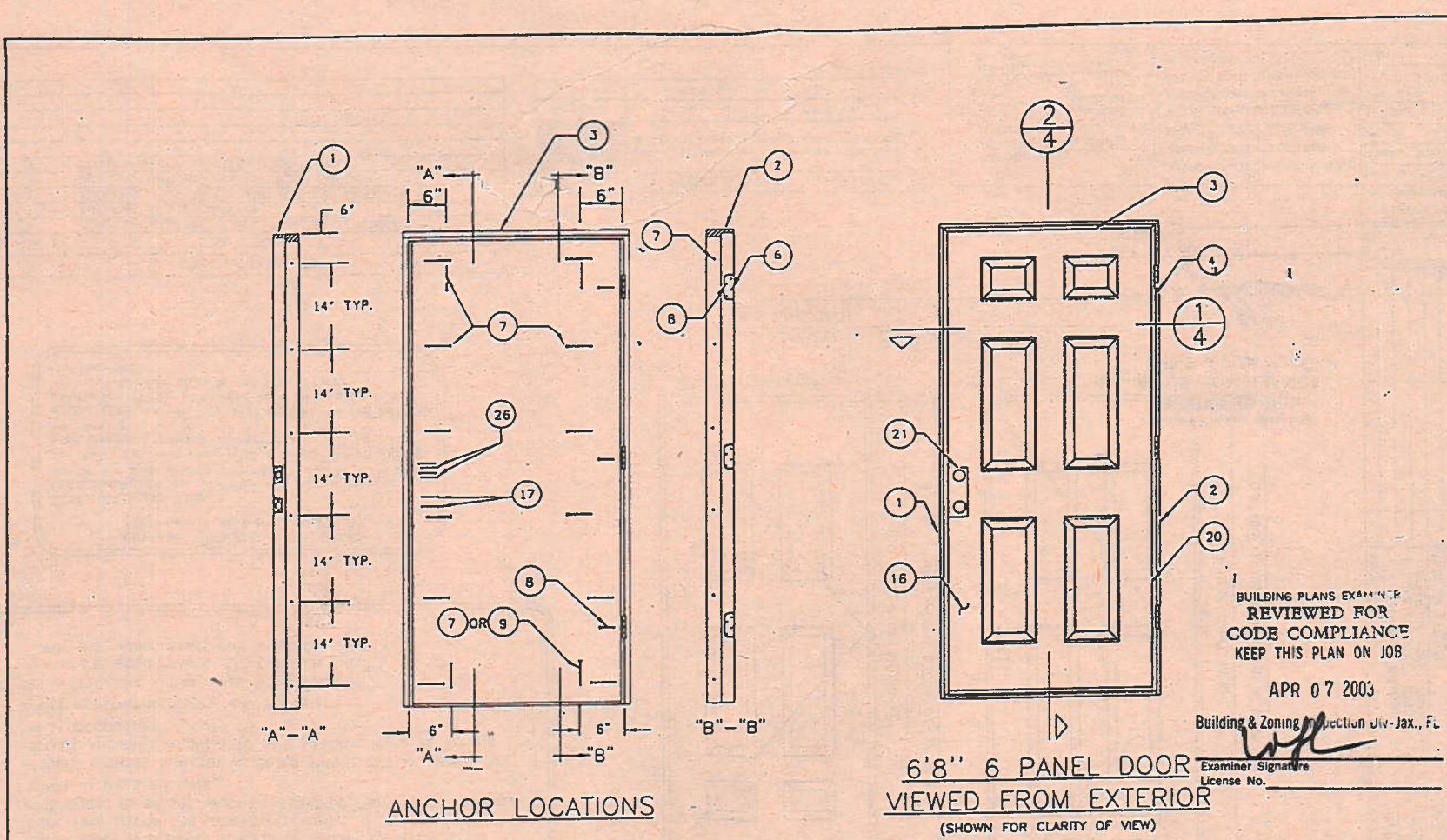
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

ANCHOR CROSS SECTIONS
IN-SWING / OUT-SWING
WOOD FRAME

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 6/27/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-107-OC
SHEET 4 OF 4



BUILDING PLANS EXAMINER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB
APR 07 2003
Building & Zoning Inspection Div-Jax., FL
Examiner Signature
License No.

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 02-0712.06
Expiration Date Aug. 5, 2007
By Miami-Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE January 11, 2001
BY Miami-Dade
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-1006.05

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

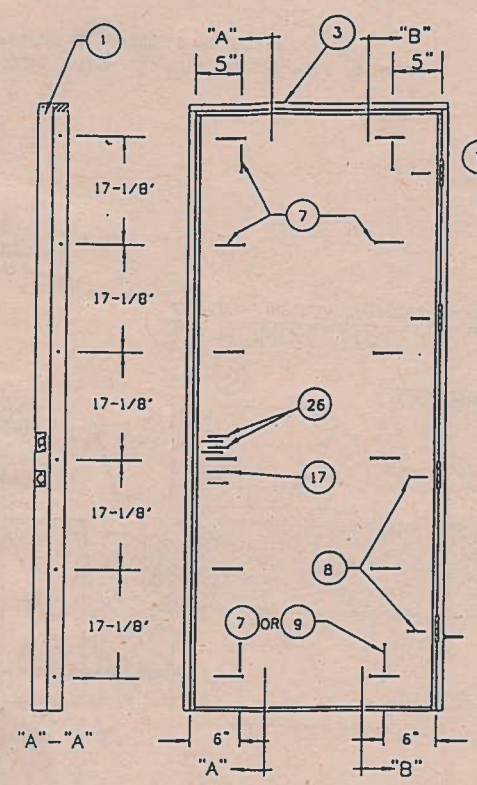
PRODUCT: OUTSWING OPAQUE INSULATED STEEL SINGLE DOOR IN WOOD FRAME
PART OR ASSEMBLY: ANCHORS AND ELEVATIONS

NO.	DATE	REVISIONS	BY

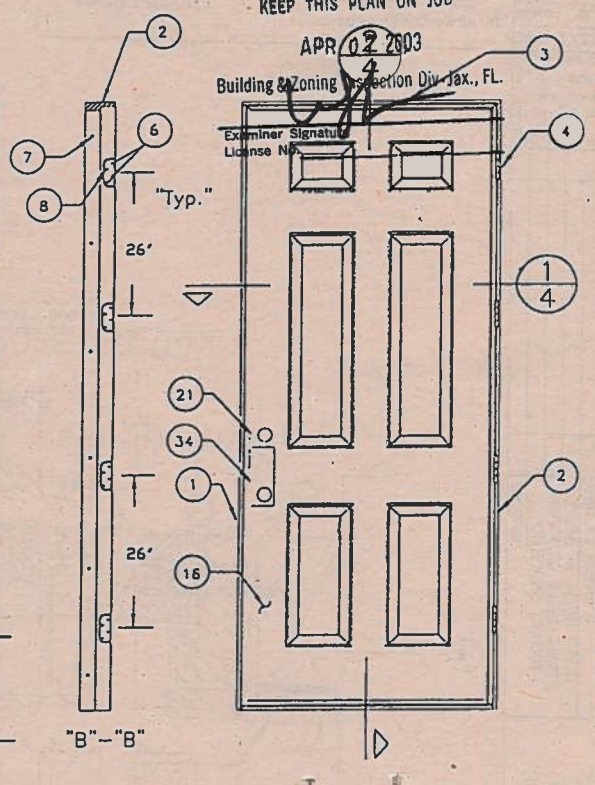
RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC9920
SHEET 2 OF 5

ITEM	DESCRIPTION
1	Latch jamb (1-1/4" x 4-9/16" Wood Jamb) w 1/2" rabbet
2	Hinge jamb (1-1/4" x 4-9/16" Wood Jamb) w 1/2" rabbet
3	Head jamb (1-1/4" x 4-9/16" Wood Jamb) w 1/2" rabbet
4	4" x 4" butt hinges 12ga.(.085")
6	#9 X 3/4" PFH wood screw (hinge to frame)
7	#10 x 3" PFH wood screw with 1.33" minimum embedment into sub-buck
8	#10 x 2" PFH wood screw
9	3/16" tapcon (1-1/4" into masonry)
10	Saddle (barrier free) threshold 1/2 x 4 x 1/8" extruded alum.
13	Compression weatherstrip Schlegel O-Lon OOS 650
14	# 12 X 3" PFH wood screw
15	# 9 x 1" PFH wood screw
16	Face sheet 24ga.(.020 thk.min)galv.steel A-525 minimum FY = 23,300 psi.
17	# 8 x 2" PFH wood screw
18	Top Rail (wood 1.67" x 1.042")
19	Bottom Rail (wood 1.067" x 1.065")
20	Side Stile (wood 1.067" x 1.042" laminated veneer lumber)
21	Wood lock reinforcement (1.67" x 2.75" x 4.75")
24	Door sweep (not req'd with bump face threshold)
25	#8 x 1/2" lg. type "AB" PH. SMS.
26	#12 x 3" PFH wood screw
27	Kwikset lifan series lock (#200)
28	Kwikset lifan series deadbolt (#660)
29	Latch screws #8 x 1-1/2" P.F.H. W.S.
30	Masonry wall
31	2x wood buck
32	Expanded Polystyrene (1.0 to 1.25 lb. Density) BY JELD-WEN
33	1/4" max. shim space
34	Wood lock reinforcement (1.67" x 2.75" x 11.875")



ANCHOR LOCATIONS



8'0'' 6 PANEL DOOR
VIEWED FROM EXTERIOR
(SHOWN FOR CLARITY OF VIEW)

BUILDING PLANS EXAMINER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB
APR 02 2003
Building & Zoning Inspection Div. Jax., FL.
Examiner Signature
License No.

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 02-0712.06
Expiration Date AUG. 5, 2007
By [signature]
Miami-Dade Product Control

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE January 11, 2001
BY [signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

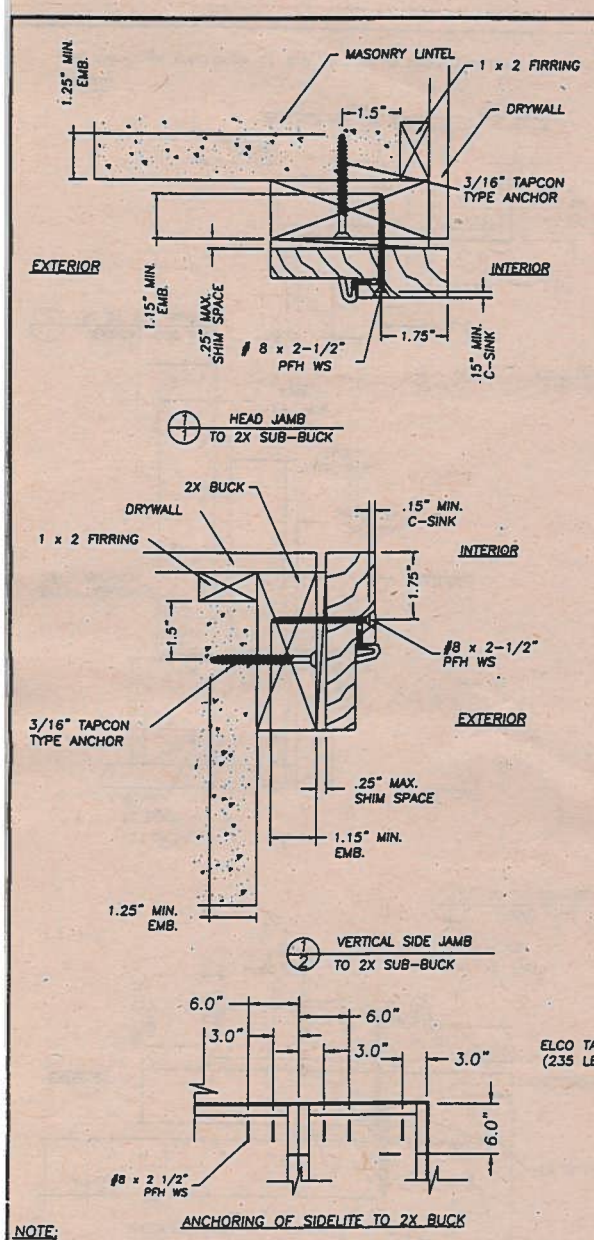
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

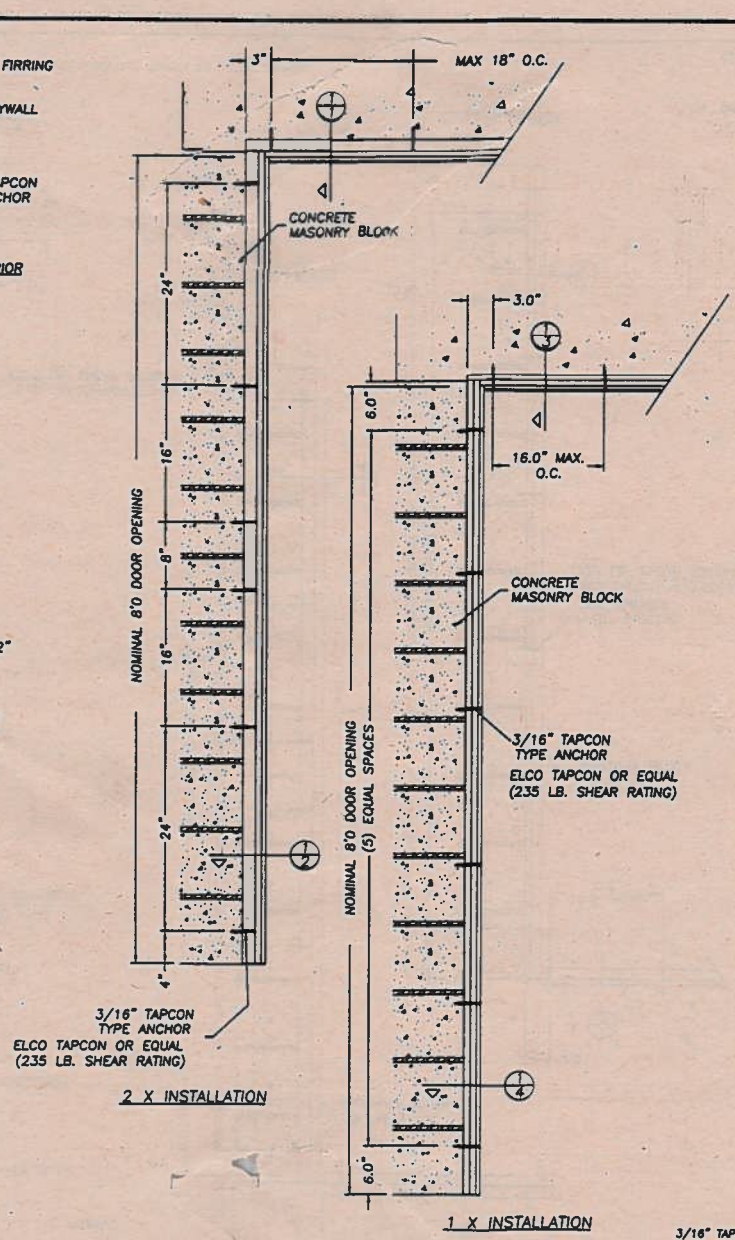
PRODUCT: OUTSWING OPAQUE INSULATED STEEL SINGLE DOOR IN WOOD FRAME
PART OR ASSEMBLY: ANCHORS, ELEVATIONS AND BILL OF MATERIALS

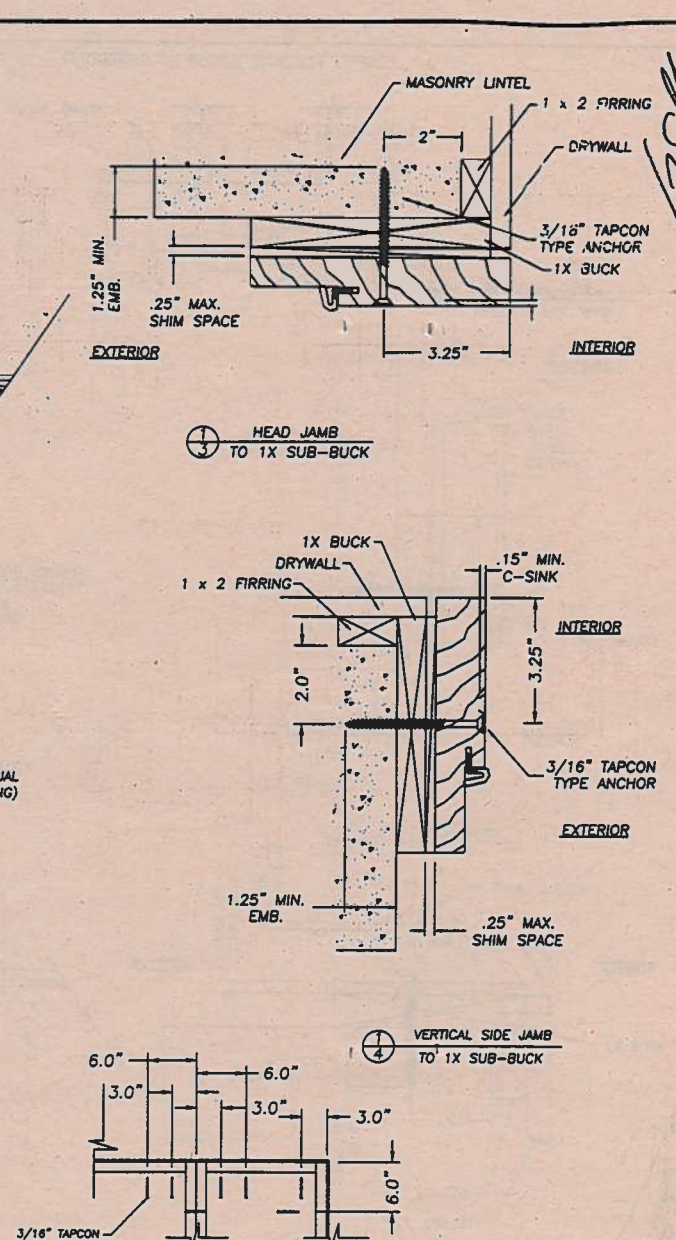
NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC9920







NOTE:
1. When using a 1X sub-buck a 6-9/16" jamb is required to allow for min. edge spacing for Tapcon type anchors.
2. A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

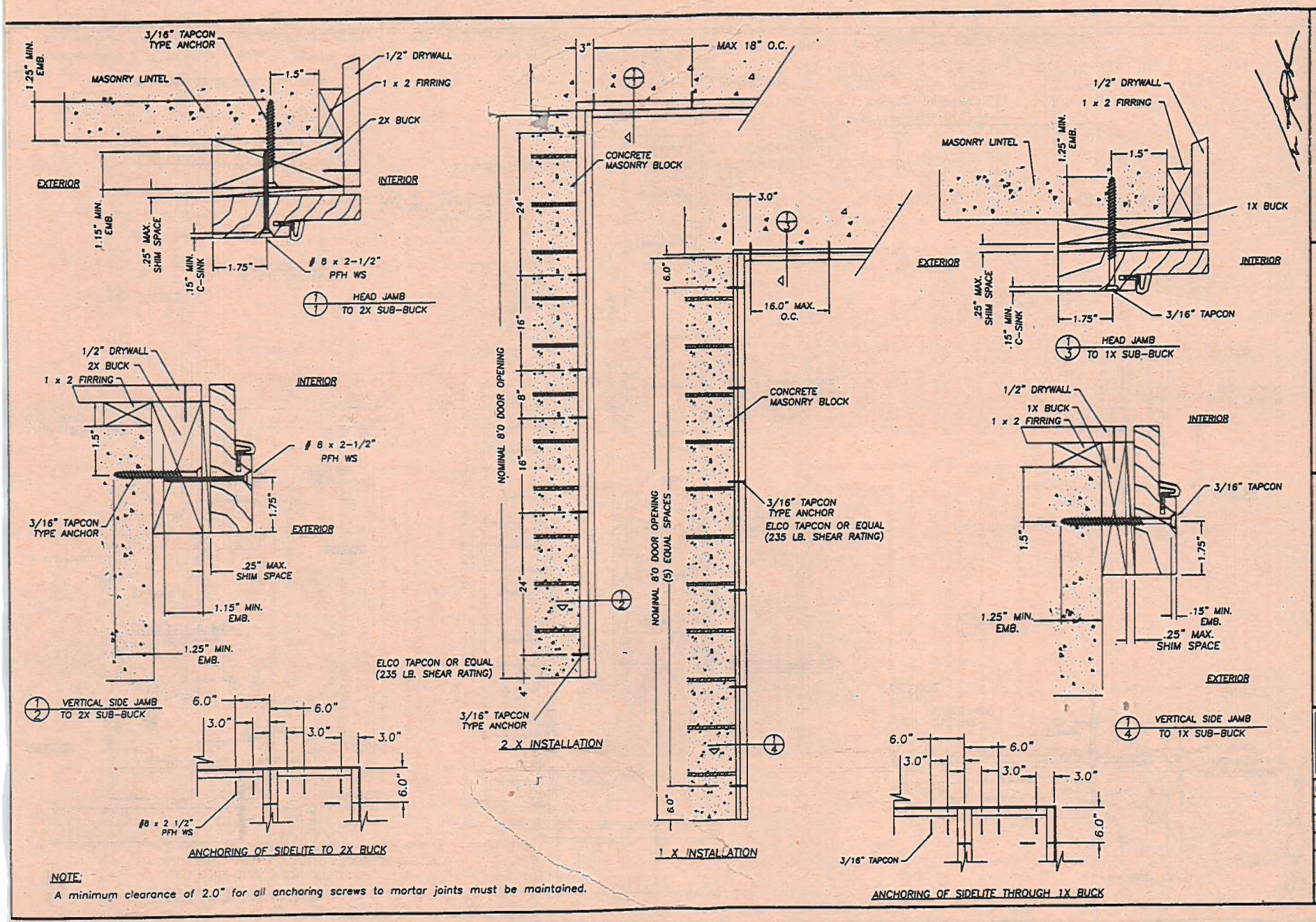
JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

ANCHOR CROSS SECTIONS
MASONRY 8'0
OUT-SWING WOOD FRAME

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 6/27/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-107-OC
SHEET 3 OF 4



NOTE:
A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

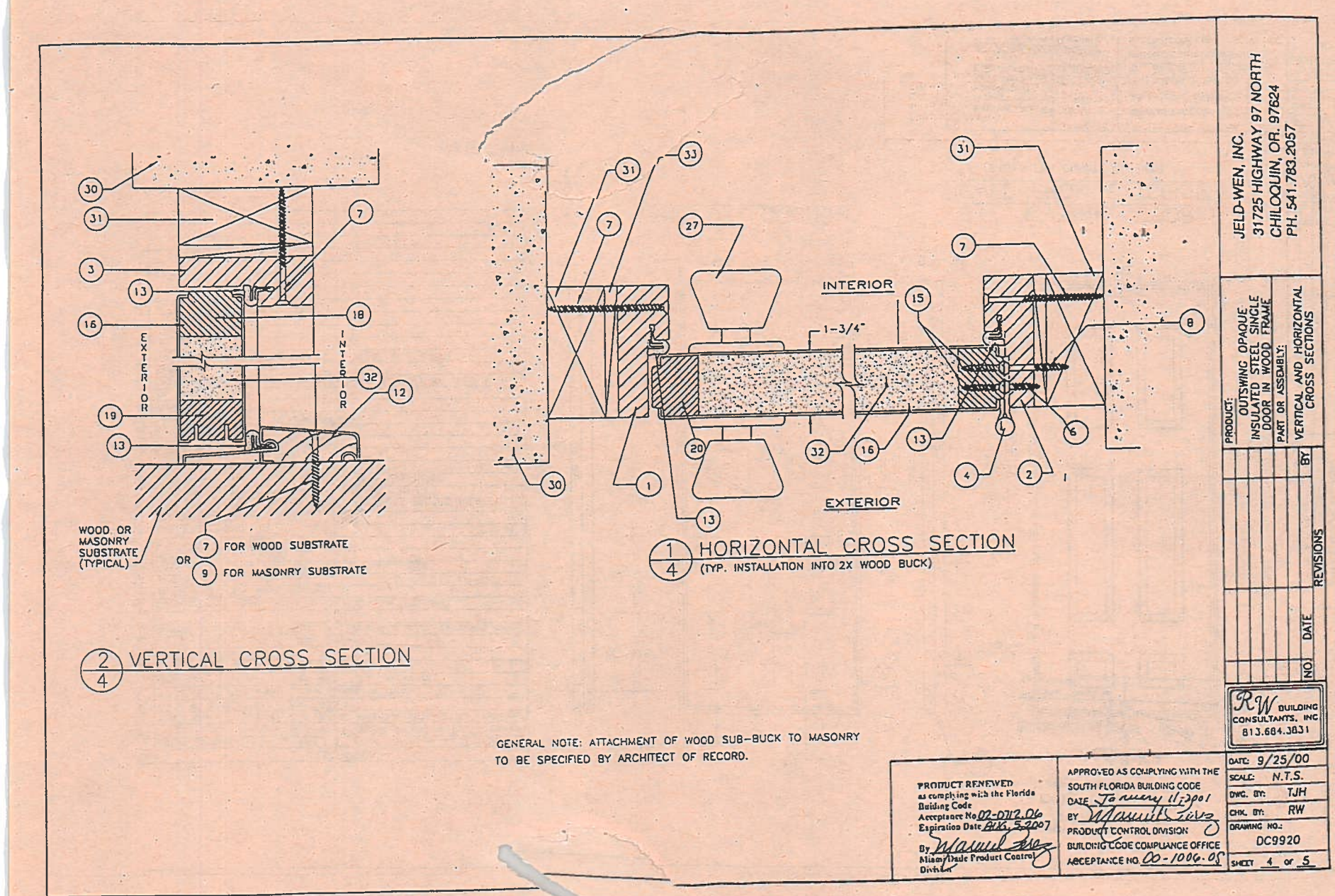
JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

ANCHOR CROSS SECTIONS
MASONRY 8'0
IN-SWING WOOD FRAME

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE:	6/27/02
SCALE:	NTS
DWG. BY:	WLN
CHK. BY:	RW
DRAWING NO.:	JW-107-OC
SHEET	2 OF 4



GENERAL NOTE: ATTACHMENT OF WOOD SUB-BUCK TO MASONRY TO BE SPECIFIED BY ARCHITECT OF RECORD.

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 02-0712.06
Expiration Date AUG. 5, 2007
By Miami-Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE January 11, 2001
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-1006.05

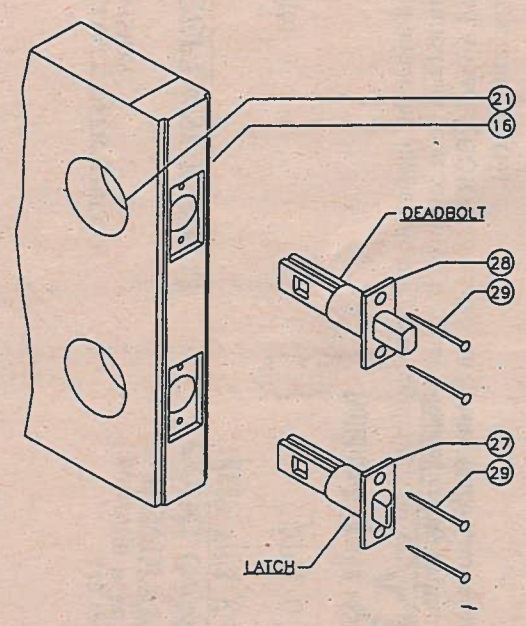
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

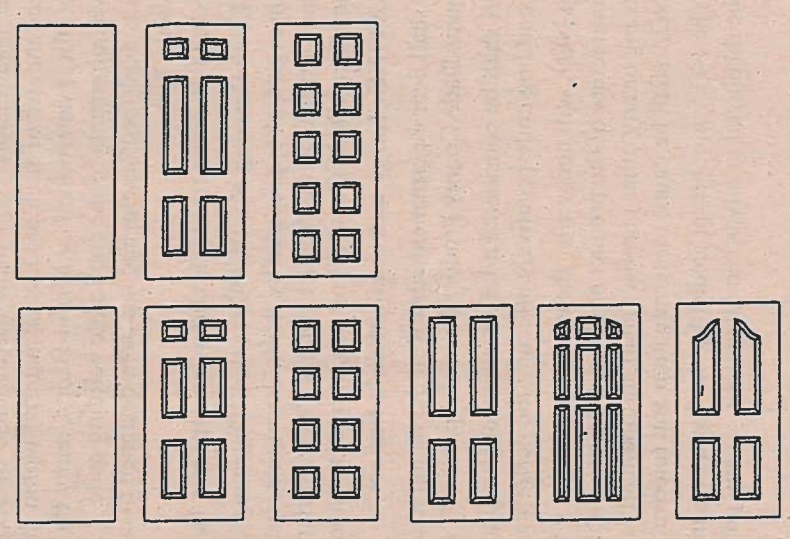
PRODUCT: OUTSWING OPAQUE INSULATED STEEL SINGLE DOOR IN WOOD FRAME
PART OR ASSEMBLY: VERTICAL AND HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC
813.684.3831

DATE:	9/25/00
SCALE:	N.T.S.
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	DC9920
SHEET	4 OF 5





OPTIONAL FLUSH AND EMBOSSED DOOR MODELS

NOTE: DOOR PANELS NOT TO EXCEED 3'0 X 8'0

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 02-0112.06 Expiration Date AUG 5, 2007 By Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE January 11, 2001 BY Manuel Sira PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO 00-1006.05

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: OUTSWING OPAQUE INSULATED STEEL SINGLE DOOR IN WOOD FRAME

PART OR ASSEMBLY: DOOR MODELS AND LOCK DETAILS

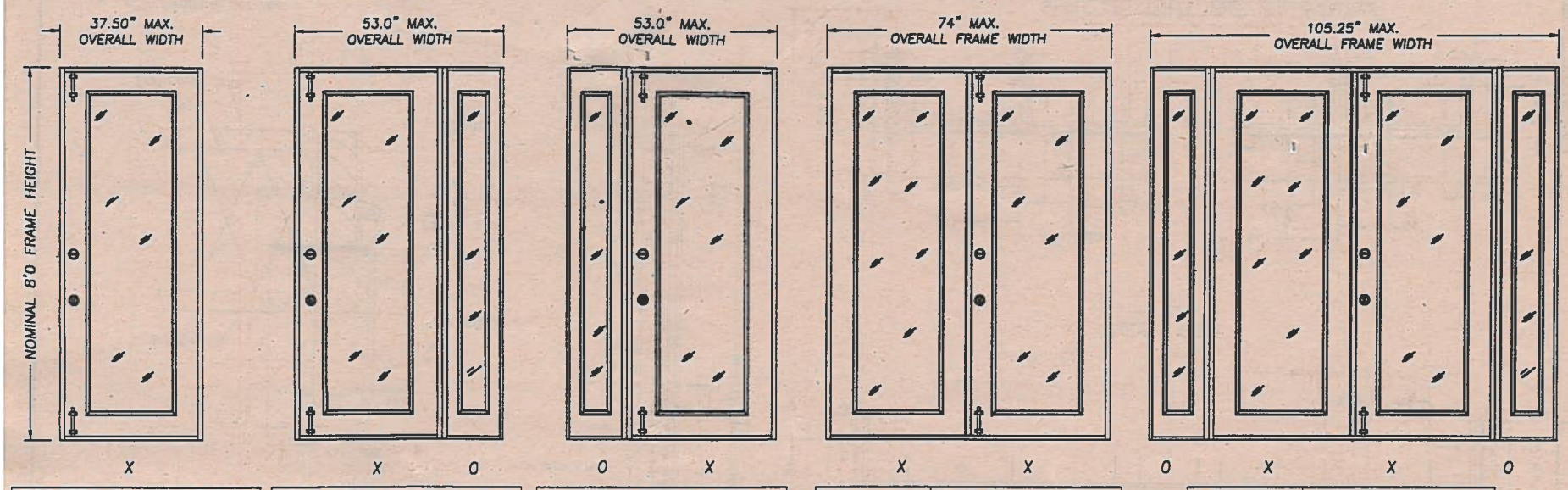
NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC. 813.684.3831

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC9920
SHEET 5 OF 5

DoorCraft® ENERGY SAVER

STEEL EDGE GLAZED INSULATED STEEL DOOR
OUT-SWING / IN-SWING 8-0 UNITS W/ & W/OUT SIDELITES



DESIGN PRESSURE RATING
OUT / IN-SWING POS. 55.0 NEG. 55.0

DESIGN PRESSURE RATING
OUT / IN-SWING POS. 55.0 NEG. 55.0

DESIGN PRESSURE RATING
OUT / IN-SWING POS. 55.0 NEG. 55.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT / IN-SWING POS. 55.0 NEG. 55.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT / IN-SWING POS. 55.0 NEG. 55.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT / IN-SWING POS. 55.0 NEG. 55.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT / IN-SWING POS. 55.0 NEG. 55.0

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS.
3. THE DOORS AND SIDELITES REQUIRE WINDBORNE DEBRIS EXTERNAL PROTECTION AS DESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE WHEN USED IN WINDBORNE DEBRIS AREAS.
4. FOR INSWING MASONRY ANCHORING SEE SHEET 2 OF 4.
5. FOR OUTSWING MASONRY ANCHORING SEE SHEET 3 OF 4.
6. FOR INSWING/OUTSWING WOOD STUD ANCHORING SEE SHEET 4 OF 4.

PRODUCT DESCRIPTION

1. THE DOOR FACE SHEETS ARE 24 GA. (0.020") MIN. THICKNESS.
2. THE STILES AND RAILS ARE CONSTRUCTED FROM A ONE PIECE CONTINUOUS ROLL FORMED GALVANIZED STEEL.
3. THE INTERIOR DOOR CAVITY IS EXPANDED POLYSTYRENE.
4. THE DOOR AND SIDELITE GLAZING IS 0.5" INSULATED GLASS.
5. THE WOOD JAMBS ARE A MIN. 4-9/16".
6. THE THRESHOLD IS AN ALUMINUM BUMP FACE TYPE (OUTSWING) OR AN ALUMINUM SADDLE TYPE (INSWING).
7. SURFACE BOLTS ARE IVES #454 8.0" LONG.

*8. THE IMPERIAL ASTRAGAL USES A 9.0" LONG x 0.3125" DIA. ASTRAGAL ROD TOP & BOTTOM, AND (5) 4.5" LONG x 0.5625" THK. ALUMINUM ROD SLIDE BARS. THERE IS (1) ALUMINUM BAR TOP & BOTTOM & (3) IN THE CENTER.

9. ALL LATCHBOLT AND DEADBOLT HARDWARE MUST BE CYLINDRICAL GRADE II WITH A 161 EDGE PREP AND A MINIMUM 1.0" DEADBOLT THROW.

JUNE 28, 2002

Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: ENERGY SAVER STEEL EDGE STEEL DOOR GLAZED W/WO SIDELITES

PART OR ASSEMBLY: GENERAL NOTES & TYPICAL ELEVATIONS

NO.	DATE	REVISIONS	BY

RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE: 6/27/02
SCALE: N.T.S.
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-107-OC
SHEET 1 OF 4

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

BUILDING PLANS EXAM'NER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB

APR 07 2003

Building & Zoning Inspection Div.-Jax., FL.

NOTICE OF ACCEPTANCE (NOA)

Jeld-Wen, Inc.
31725 Highway 97 North.
Chiloquin, OR 97624

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.
This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series Jeld-Wen® Steel W/E Outswing Opaque Insulated Steel Doors

APPROVAL DOCUMENT: Drawing No. **DC9921**, titled "Outswing Opaque Insulated Steel Double Door in Wood Frame", sheets 1 through 6 of 6, prepared by R.W. Consulting, Inc., dated 9/25/00 with revision No: 1 dated 10/14/02, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: 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", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

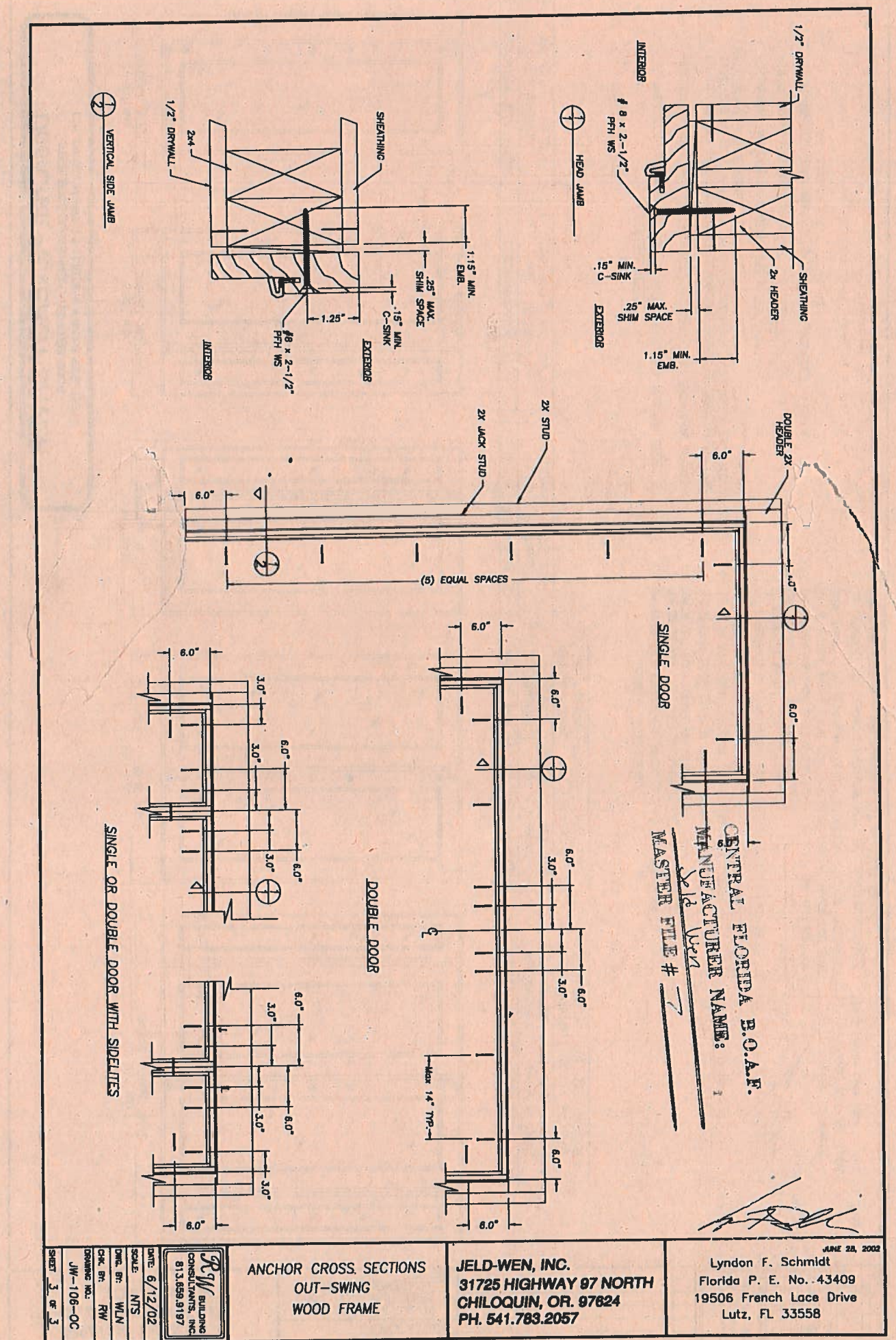
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA 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 NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA **revises and renews NOA # 00-1003.04** and consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Manuel Perez, P.E.**

PRODUCT CONTROL ACCEPTED

NOA No 02-1022.14
Expiration Date: December 02, 2007
Approval Date: December 19, 2002
Page 1



JELD-WEN® STEEL

OUTSWING OPAQUE DOUBLE DOOR

WOOD EDGE INSULATED STEEL DOOR WITH WOOD FRAMES

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AS SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. IMPACT RESISTANT SHUTTERS NOT REQUIRED.
5. DESIGN PRESSURE RATING SHALL BE AS FOLLOWS:
   - FOR 6'8" WOOD FRAMES; SEE TABLE THIS SHEET
   - FOR 8'0" WOOD FRAMES; SEE TABLE THIS SHEET
6. ALL DIMENSIONS ARE GIVEN IN INCHES UNLESS OTHERWISE SHOWN.

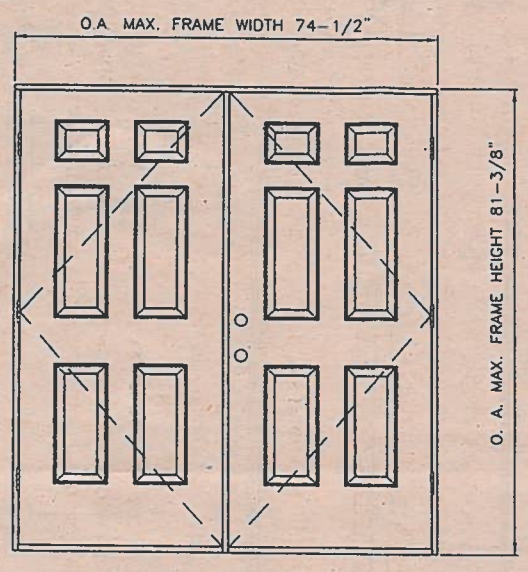
OUTSWING INSULATED STEEL DOOR
(Common to all frame conditions)

Door Leaf Construction:

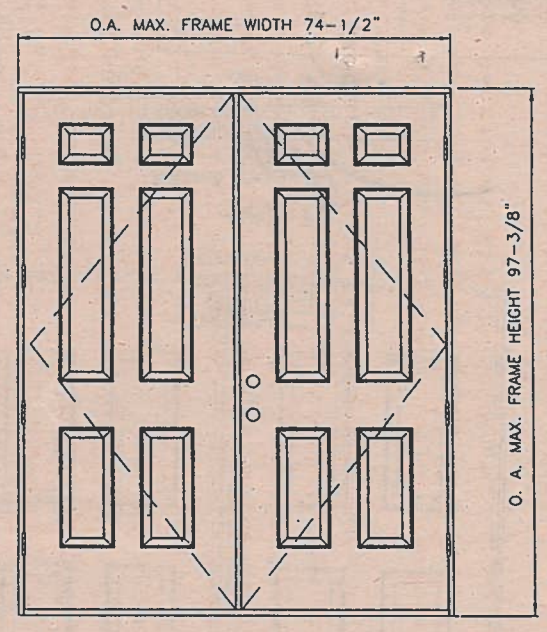
Face sheets: 24 ga. (0.020") minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength Fy(min.)=24,600 psi.

Core design: Expanded polystyrene with 1.0 to 1.25 lbs. density.

Construction: steel face sheets glued to expanded polystyrene (EPS), with wood rails and Laminated Veneered Lumber stiles and a wood lock block reinforcement.



6'-8" HEIGHT



8'-0" HEIGHT

COLONIAL 6 PANEL DOOR
VIEWED FROM EXTERIOR
(SHOWN FOR CLARITY OF VIEW)

BUILDING PLANS EXAMINER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB
APR 07 2003
Building & Zoning Inspection Div. Jax., FL.
Examiner Signature
License No.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATION)
2	DOUBLE 6'8" WOOD FRAME (ANCHORS, ELEVATION)
3	DOUBLE 8'0" WOOD FRAME (ANCHORS, ELEVATION)
4	DOUBLE DOOR HORIZONTAL CROSS SECTIONS
5	DOUBLE DOOR VERT. CROSS SECTIONS (BILL OF MATERIALS)
6	COMMON (DOOR MODELS, LOCK DETAILS)

DESIGN PRESSURE RATING

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	+ 48.0 psf	+ 48.0 psf
NEGATIVE	- 51.0 psf	- 51.0 psf

Approved as complying with the Florida Building Code
Date DEC. 19, 2002
NOA# 02-1022.14
Miami Dade Product Control Division
By Manuel Diaz

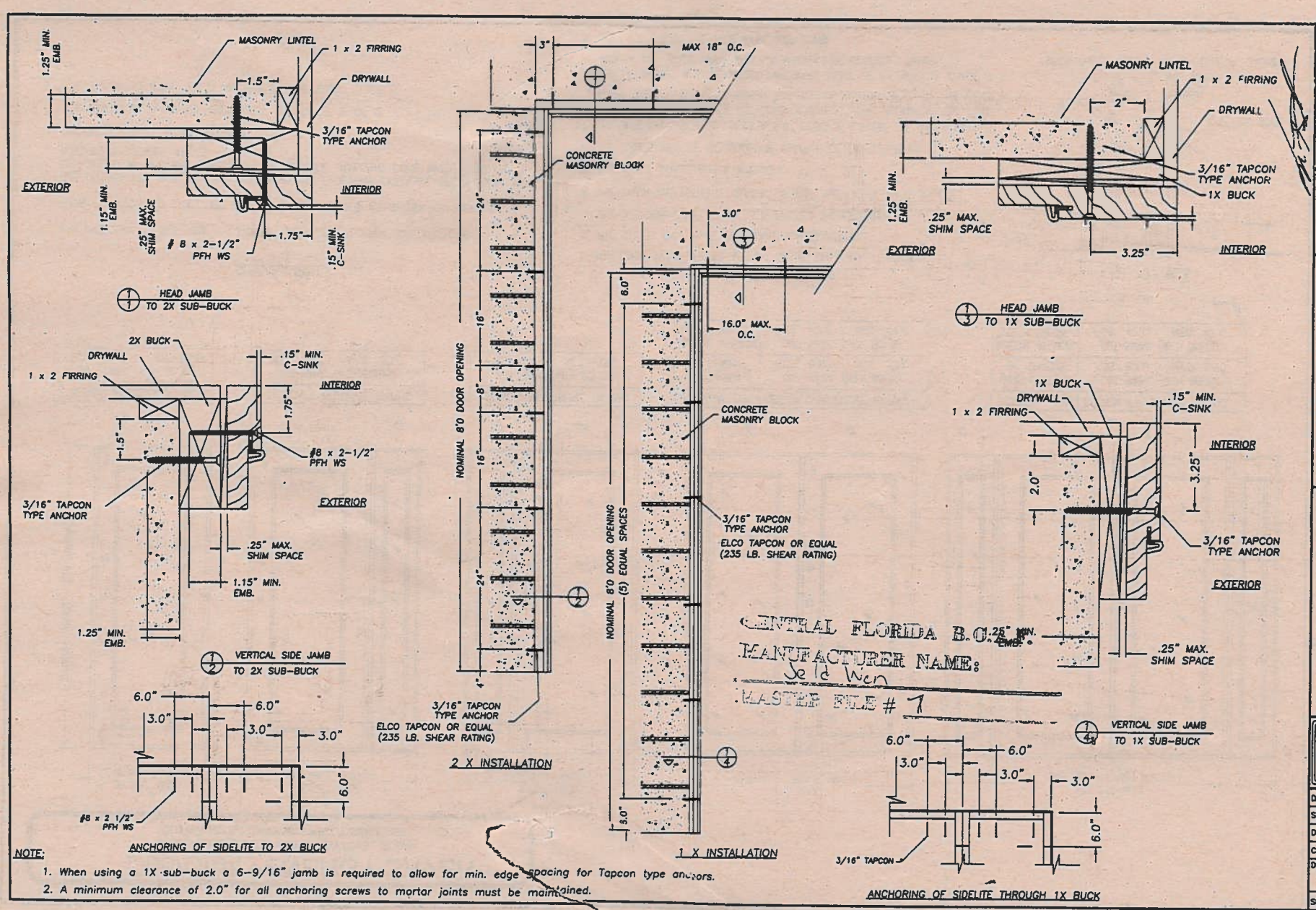
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR 97624
PH. 541.783.2057

PRODUCT: OUTSWING OPAQUE INSULATED STEEL DOUBLE DOOR IN WOOD FRAME
PART OR ASSEMBLY: ELEVATIONS AND GENERAL NOTES

NO.	DATE	REVISIONS	BY
1	10/14/02	GENERAL REVISION	KMN

RW CONSULTING (813) 684-3831

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC9921
SHEET 1 OF 6



CENTRAL FLORIDA B.O.
MANUFACTURER NAME: Jeld Wen
MASTER FILE # 7

NOTE:
1. When using a 1X sub-buck a 6-9/16" jamb is required to allow for min. edge spacing for Tapcon type anchors.
2. A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

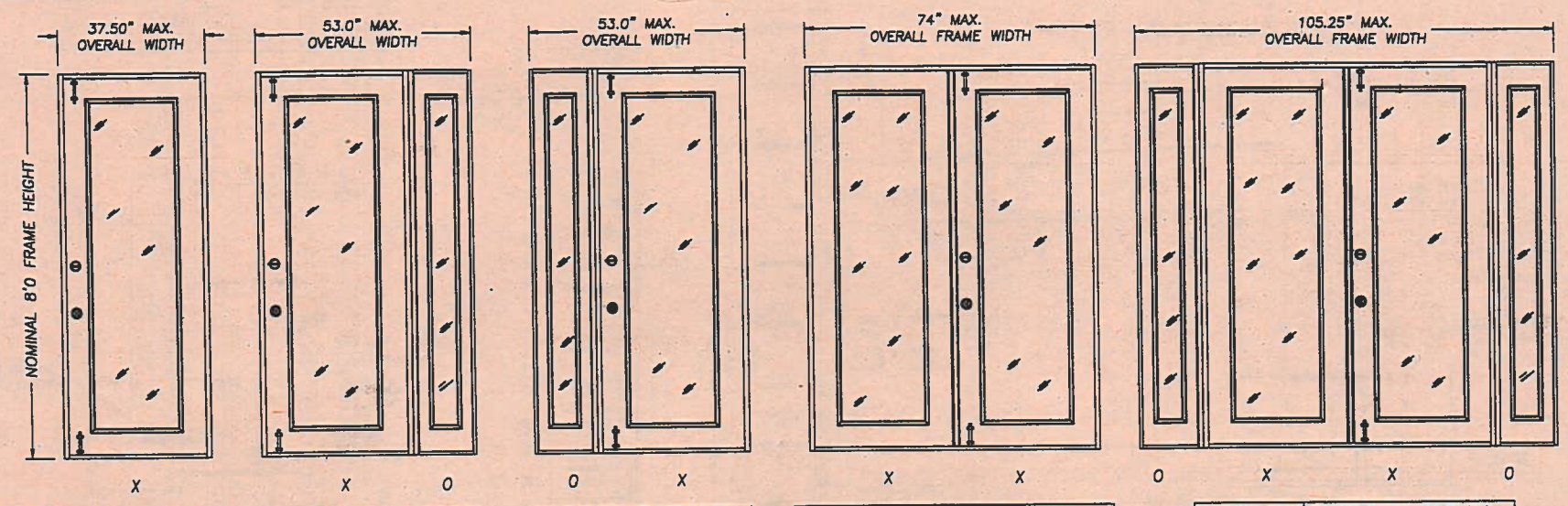
ANCHOR CROSS SECTIONS
MASONRY 8'0
OUT-SWING WOOD FRAME

RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE: 6/12/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-106-OC
SHEET 2 OF 3

DoorCraft® ENERGY SAVER

WOOD EDGE GLAZED INSULATED STEEL DOOR
OUT-SWING 8-0 UNITS W/ & W/OUT SIDELITES



DESIGN PRESSURE RATING
OUT-SWING (WITH BOLTS) POS. 53.0 NEG. 53.0

DESIGN PRESSURE RATING
OUT-SWING (WITH BOLTS) POS. 53.0 NEG. 53.0

DESIGN PRESSURE RATING
OUT-SWING (WITH BOLTS) POS. 53.0 NEG. 53.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT-SWING (WITH BOLTS) POS. 53.0 NEG. 53.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT-SWING (WITH BOLTS) POS. 47.0 NEG. 47.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT-SWING (WITH BOLTS) POS. 53.0 NEG. 53.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT-SWING (WITH BOLTS) POS. 47.0 NEG. 47.0

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS.
3. THE DOORS AND SIDELITES REQUIRE WINDBORNE DEBRIS EXTERNAL PROTECTION AS DESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE WHEN USED IN WINDBORNE DEBRIS AREAS.
4. PRODUCT VIEWED FROM INTERIOR.
5. FOR OUTSWING MASONRY ANCHORING SEE SHEET 2 OF 3.
6. FOR OUTSWING WOOD STUD ANCHORING SEE SHEET 3 OF 3.

PRODUCT DESCRIPTION

1. THE DOOR FACE SHEETS ARE 24 GA. (0.020") MIN. THICKNESS.
2. THE STILES AND RAILS ARE WOOD CONSTRUCTION.
3. THE INTERIOR DOOR CAVITY IS EXPANDED POLYSTYRENE.
4. THE DOOR AND SIDELITE GLAZING IS 0.5" INSULATED GLASS BY ODL.
5. THE WOOD JAMBS ARE A MIN. 4-9/16".
6. THE THRESHOLD IS AN ALUMINUM BUMP FACE TYPE (OUTSWING).

*7. THE IMPERIAL ASTRAGAL USES A 9.0" LONG X 0.3125" DIA. ASTRAGAL ROD TOP & BOTTOM AND (5) 4.5" LONG X 0.5625" THK. ALUMINUM ROD SLIDE BARS. THERES IS (1) ALUMINUM BAR TOP & BOTTOM & (3) IN THE CENTER.

8. ALL LATCHBOLT AND DEADBOLT HARDWARE MUST BE CYLINDRICAL GRADE II WITH A 161 EDGE PREP AND A MINIMUM 1.0" DEADBOLT THROW.
9. SURFACE BOLTS ARE IVES #454 8.0" LONG.

CENTRAL FLORIDA B.O.A.F.
MANUFACTURER NAME: Jeld Wen
MASTER FILE # 17

JUNE 28, 2002

Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive Lutz, FL 33558

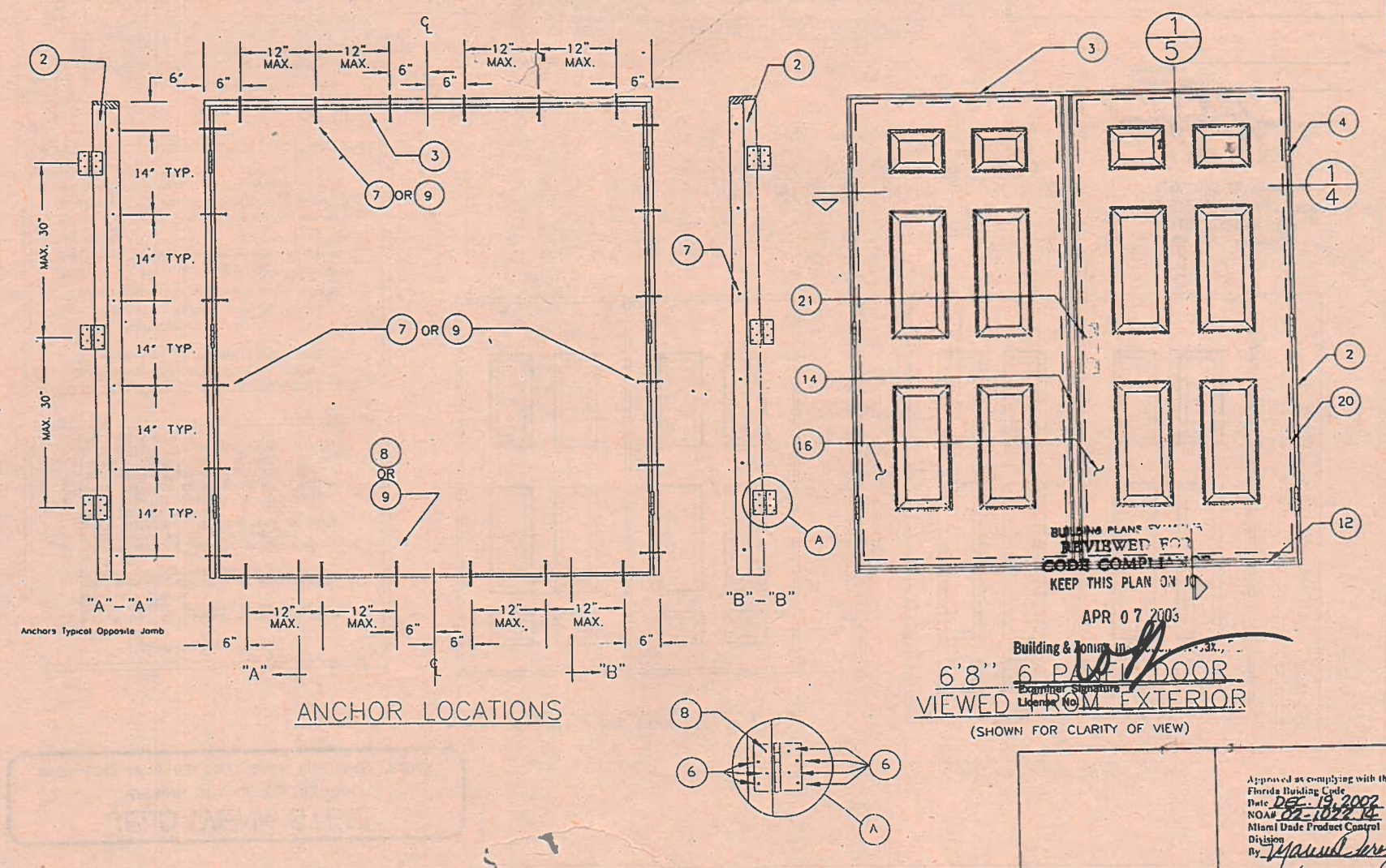
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: ENERGY SAVER WOOD EDGE STEEL DOOR GLAZED W/WO SIDELITES
PART OR ASSEMBLY: GENERAL NOTES & TYPICAL ELEVATIONS

NO.	DATE	REVISIONS	BY
1	6/28/02	ADDED HARDWARE NOTE	LJH

RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE: 6/12/02
SCALE: N.T.S.
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-106-OC
SHEET 1 OF 3



BUILDING PLANS EXAMINER
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON JOB
APR 07 2003
Building & Zoning Department
Examiner Signature
License No.

Approved as complying with the Florida Building Code
Date DEC. 19, 2002
NOA# 02-1022.14
Miami Dade Product Control Division
By Manuel Perez

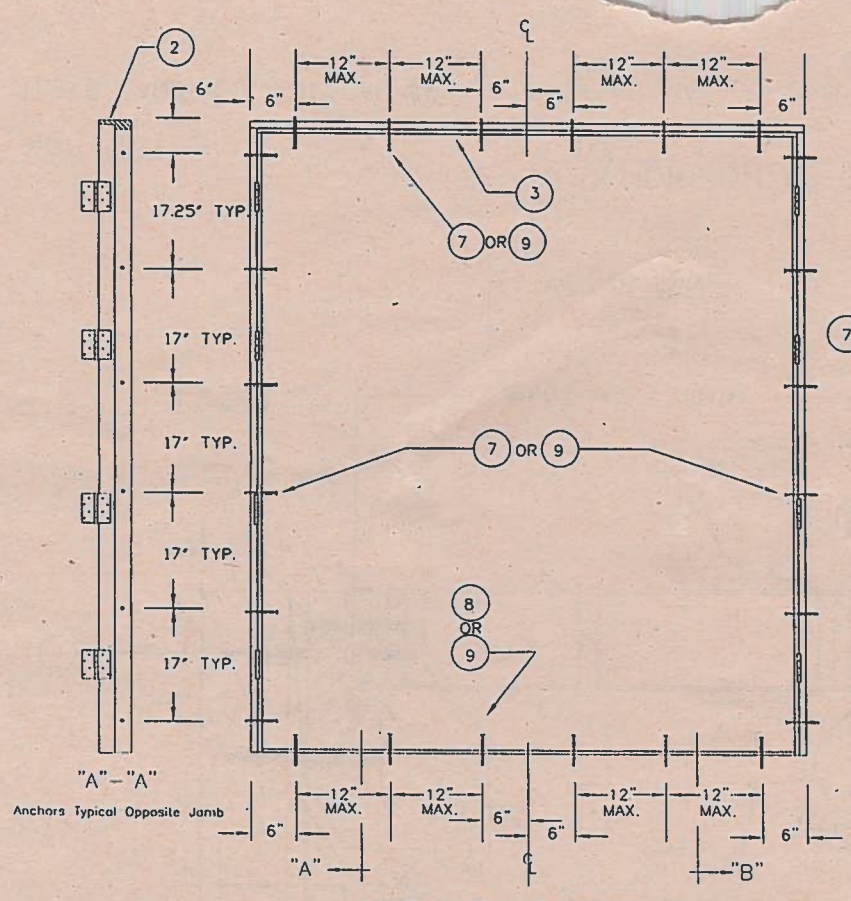
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR 97624
PH. 541.783.2057

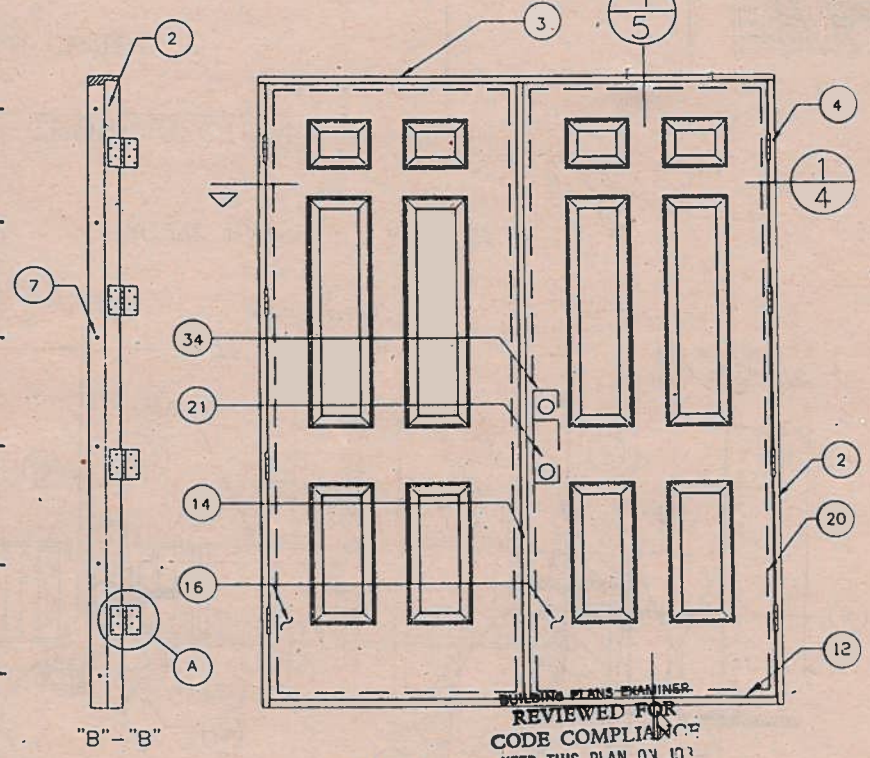
PRODUCT: OUTSWING OPAQUE INSULATED STEEL DOUBLE DOOR IN WOOD FRAME
PART OR ASSEMBLY: DOUBLE 6'8" ANCHORS AND ELEVATIONS

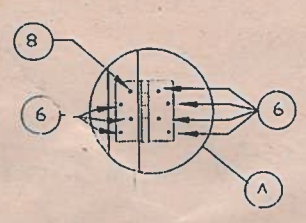
NO.	DATE	REVISIONS	BY
1	10/14/02	GENERAL REVISION	KMN

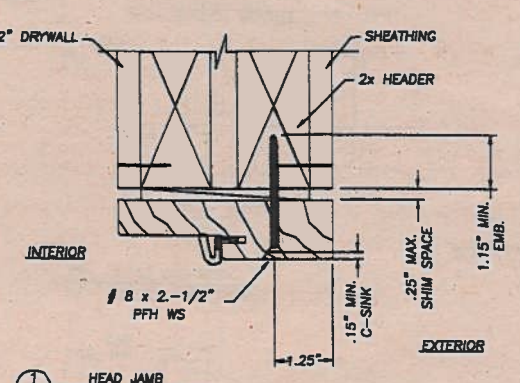
RW CONSULTING (813) 684-3831

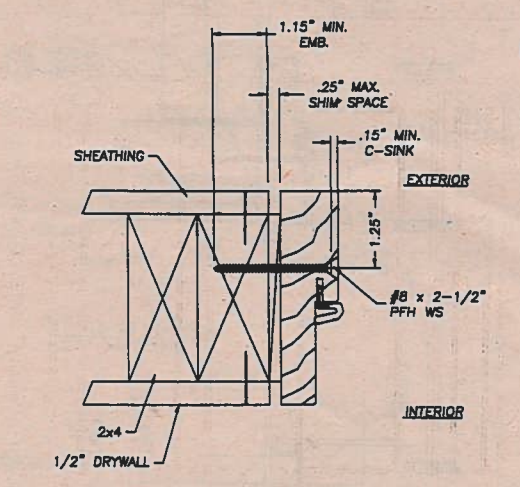
DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC9921
SHEET 2 OF 6

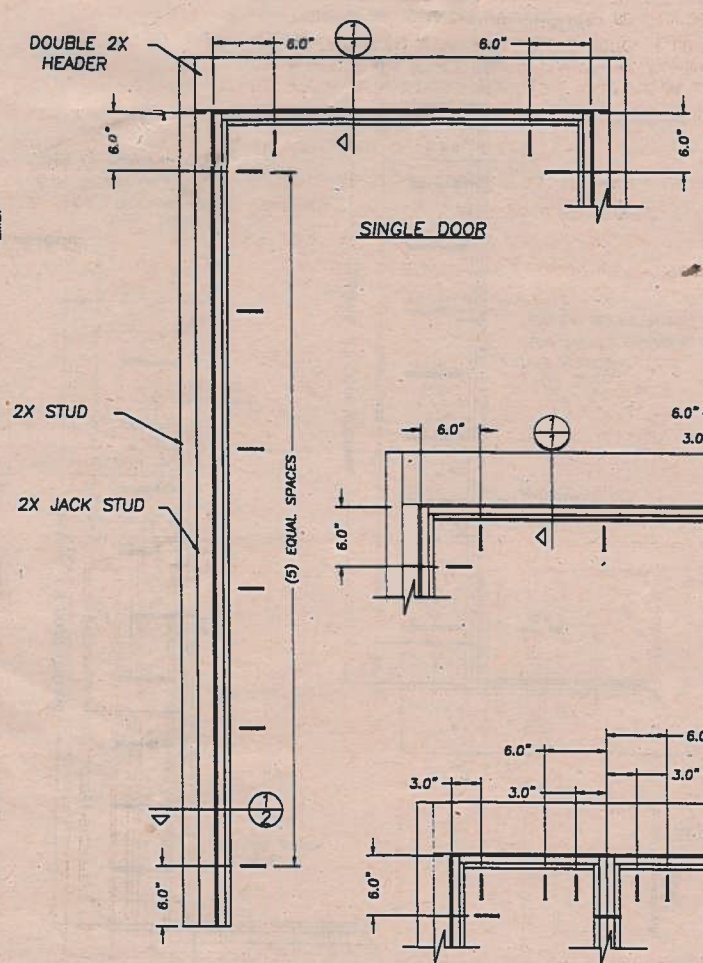


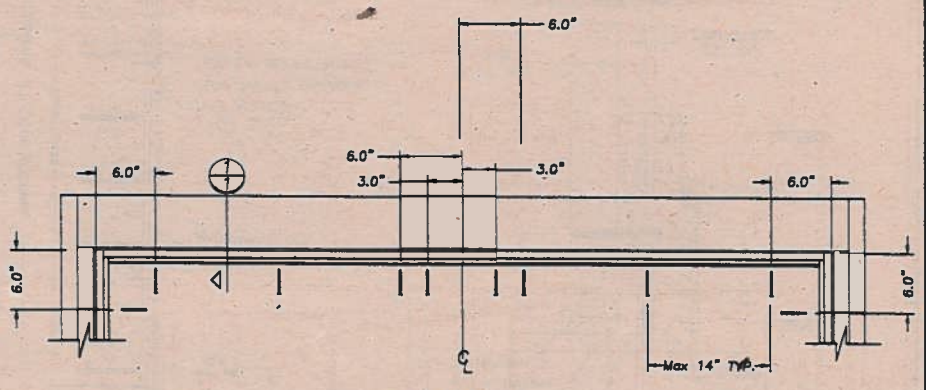


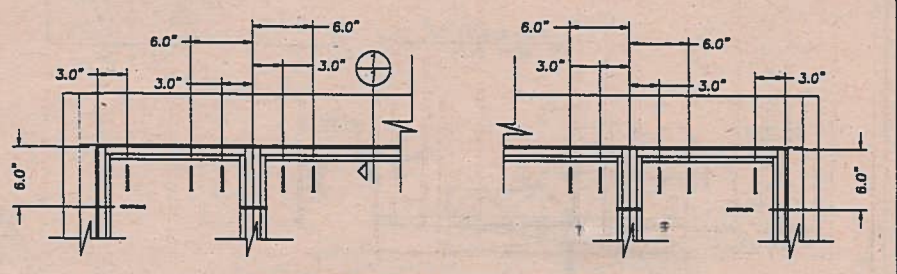












ANCHOR LOCATIONS
"A"–"A"
Anchors Typical Opposite Jamb
"B"–"B"
17.25" TYP.
17" TYP.
17" TYP.
17" TYP.
17" TYP.
12" MAX.
6"
℄
"A"
"B"
2
3
7 OR 9
8 OR 9
7
A
6
8
1/5
1/4
4
34
21
14
16
2
20
12
8'0" 6 PANEL DOOR
VIEWED FROM EXTERIOR
(SHOWN FOR CLARITY OF VIEW)

BUILDING PLANS EXAMINER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB
APR
Building
Examiner Signature
License N.

Approved as complying with the
Florida Building Code
Date DEC. 19,2002
NOA# 02-1022.14
Miami Dade Product Control
Division
By Manuel Perez

NO	DATE	REVISIONS	BY
1	10/14/02	GENERAL REVISION	KMN

PRODUCT:
OUTSWING OPAQUE
INSULATED STEEL DOUBLE
DOOR IN WOOD FRAME

PART OR ASSEMBLY:
DOUBLE 6'8"
ANCHORS AND ELEVATIONS

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR 97624
PH. 541.783.2057

RW
CONSULTING
(813) 684-3831

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC9921
SHEET 3 OF 6

1/2" DRYWALL
SHEATHING
2x HEADER
INTERIOR
8 x 2-1/2" PFH WS
.15" MIN. C-SINK
.25" MAX. SHIM SPACE
1.15" MIN. EMB.
1.25"
EXTERIOR
1/1 HEAD JAMB
SHEATHING
2x4
1/2" DRYWALL
1/2 VERTICAL SIDE JAMB
DOUBLE 2X HEADER
2X STUD
2X JACK STUD
(5) EQUAL SPACES
6.0"
3.0"
SINGLE DOOR
DOUBLE DOOR
Max 14" TYP.
℄
SINGLE OR DOUBLE DOOR WITH SIDELITES

Jeld Wen
5

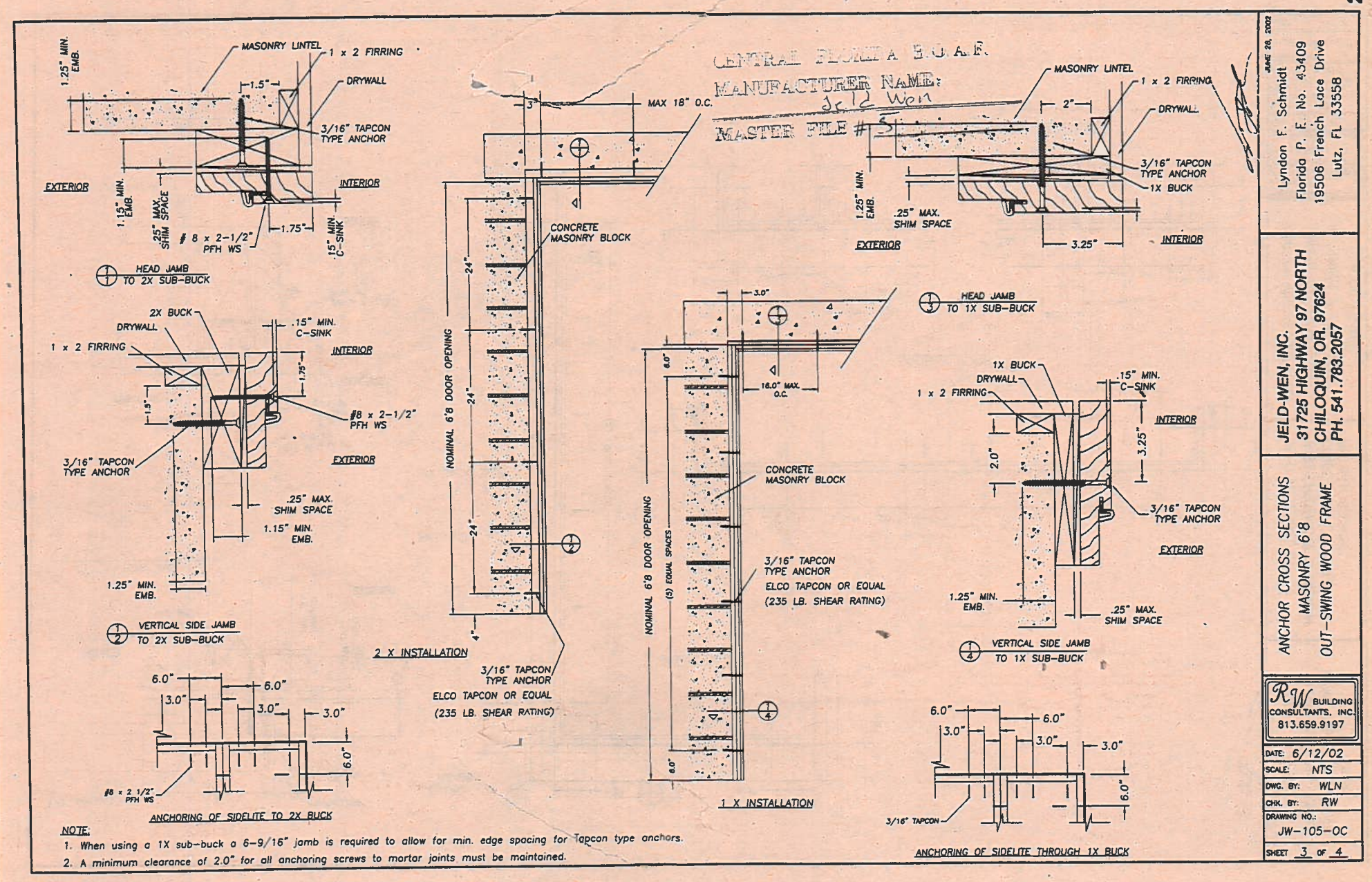
JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

ANCHOR CROSS SECTIONS
WOOD OR STEEL STUD
IN-SWING / OUT-SWING
WOOD FRAME

RW BUILDING
CONSULTANTS, INC.
813.659.9197

DATE: 6/12/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-105-OC
SHEET 4 OF 4



NOTE:
1. When using a 1X sub-buck a 6-9/16" jamb is required to allow for min. edge spacing for Tapcon type anchors.
2. A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

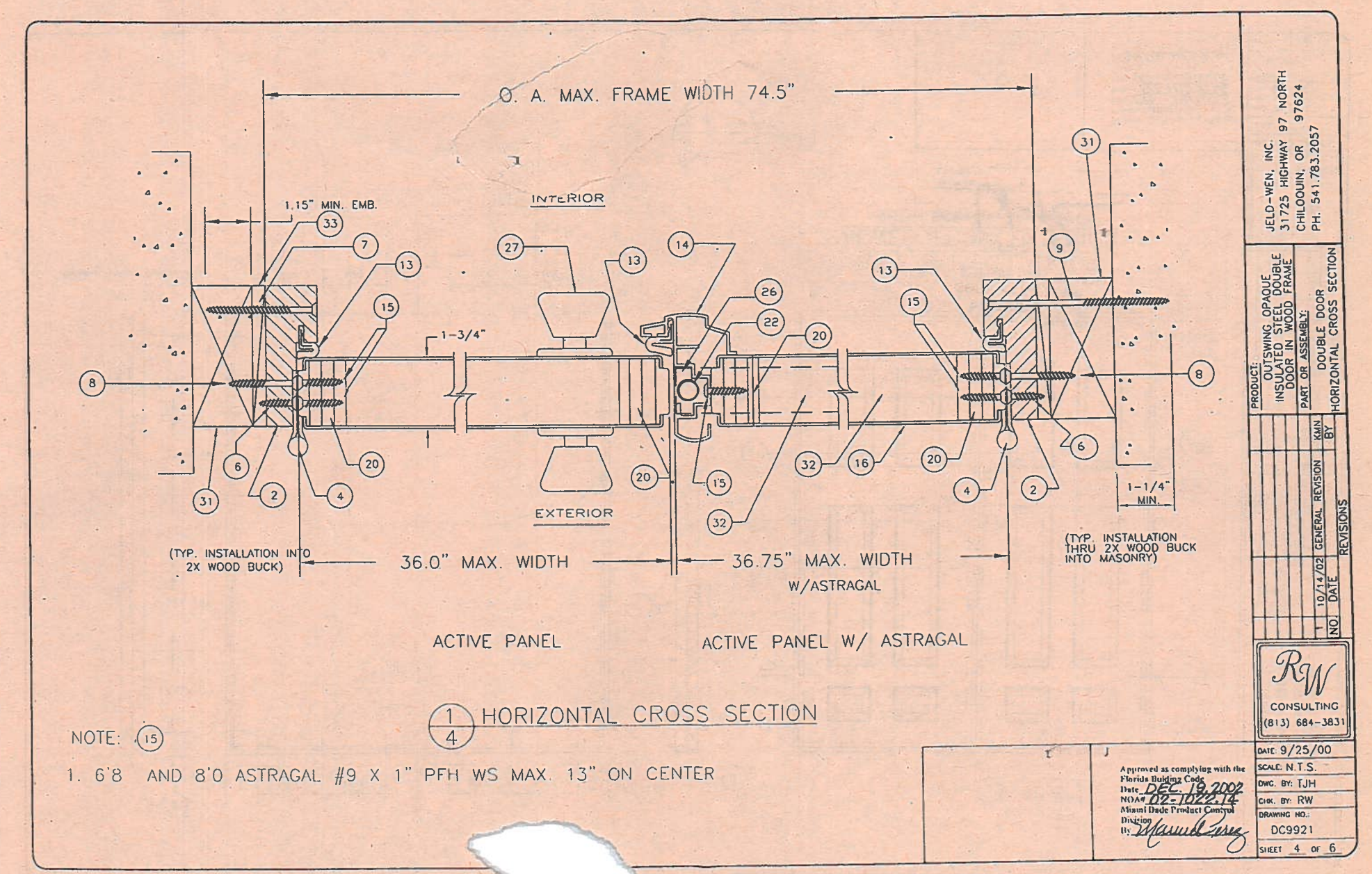
JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

ANCHOR CROSS SECTIONS
MASONRY 6'8
OUT-SWING WOOD FRAME

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 6/12/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-105-OC
SHEET 3 OF 4



1/4 HORIZONTAL CROSS SECTION

NOTE: (15)
1. 6'8 AND 8'0 ASTRAGAL #9 X 1" PFH WS MAX. 13" ON CENTER

Approved as complying with the Florida Building Code
Date DEC. 19, 2002
NOA# 02-1022.14
Miami Dade Product Control Division
By: Manuel Perez

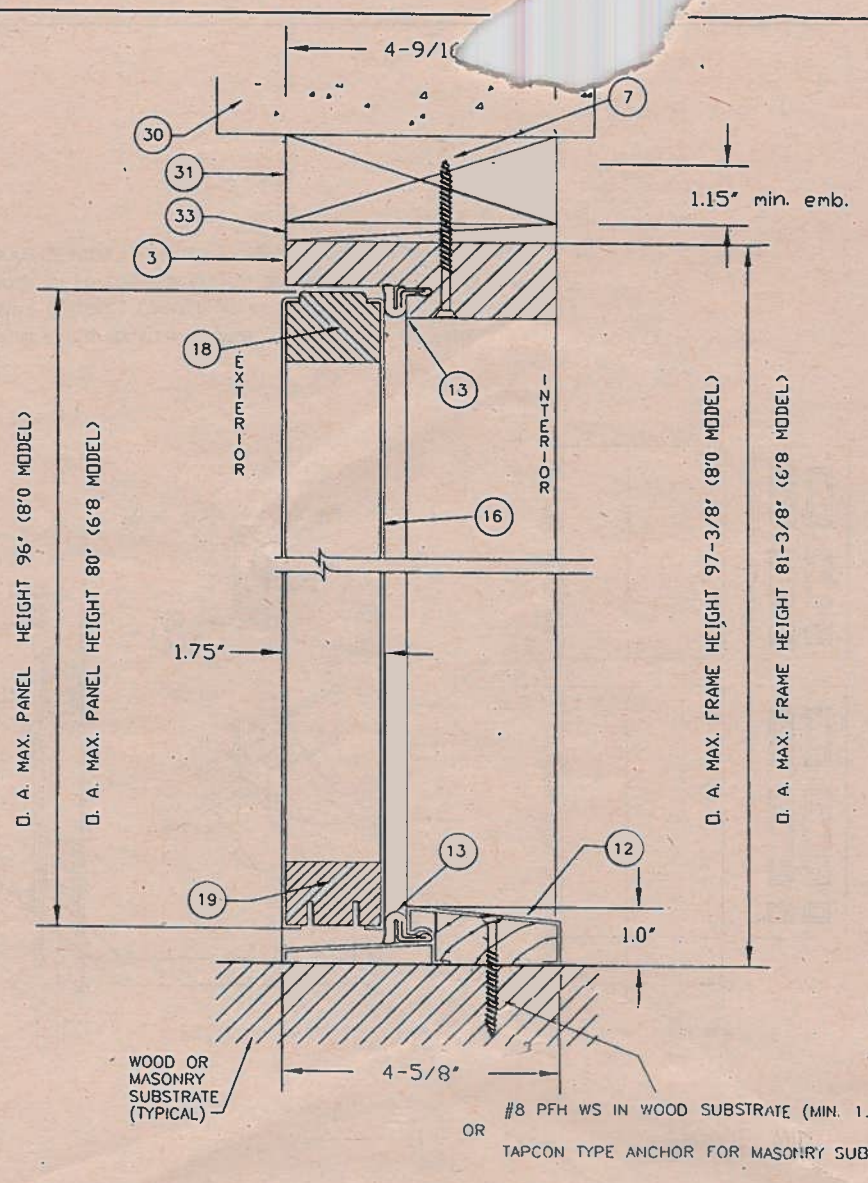
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR 97624
PH. 541.783.2057

PRODUCT: OUTSWING OPAQUE INSULATED STEEL DOUBLE DOOR IN WOOD FRAME
PART OR ASSEMBLY: DOUBLE DOOR HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS	BY
1	10/14/02	GENERAL REVISION	KMN

RW CONSULTING
(813) 684-3831

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC9921
SHEET 4 OF 6



ITEM	DESCRIPTION
1	N/A
2	Hinge jamb (1-1/4" x 4-1/2" Wood Jamb) - PINE
3	Head jamb (1-1/4" x 4-1/2" Wood Jamb) - PINE
4	4" x 4" butt hinges 12ga.(.097") C.R. STEEL
5	N/A
6	#9 X 1" PFH wood screw (hinge to frame)
7	#8 x 3" PFH wood screw
8	#10 x 2" PFH wood screw
9	1/4" tapcon (1-1/4" into masonry)
	ITW BUILDEX TAPCON (NOA # 96-1226.03) or
	ELCO TAPCON (NOA # 97-0731.15)
10	N/A
11	N/A
12	Bumper threshold (1-1/4"x 4 5/8 x 5/8" extruded alum.)
13	Compression weatherstrip Schlegel Q-Lon ODS 650
14	Extruded Aluminum Astragal (Imperial # ANH)
15	#9 x 1" PFH wood screw
16	Face sheet 24ga.(.020 thk.min)galv.steel A-525 Fy=24,600 psi.
17	N/A
18	Top Rail (wood 1.67" x 1.042")
19	Bottom Rail (wood 1.067" x 1.065")
20	Side Stile (wood 1.067" x 1.042" laminated veneer lumber)
21	Wood lock reinforcement (1.67" x 2.75" x 4.75")
22	Astragal Throw Bolt (Steel .31" diameter 19.25" long)
23	N/A
24	N/A
25	N/A
26	Astragal Reinforcement Plate - located top and bottom of
	Astragal (1.125" wide x 18.0" long X .060" thick steel
	Attached with 8-#6 x 1" PFH Wood Screw
27	Kwikset titan series lock # 200
28	Kwikset titan series deadbolt # 600
29	#8 X 1-1/2" PFH WS
30	Masonry wall
31	2x wood buck
32	Expanded Polystyrene (1.0 to 1.25 lb. Density)
	DYLITE MFG. BY JELD-WEN
33	1/4" max. shim space
34	Wood lock reinforcement (1.67" x 2.75" x 11.875")

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR 97624
PH. 541.783.2057

PRODUCT: OUTSWING OPAQUE INSULATED STEEL DOUBLE DOOR IN WOOD FRAME

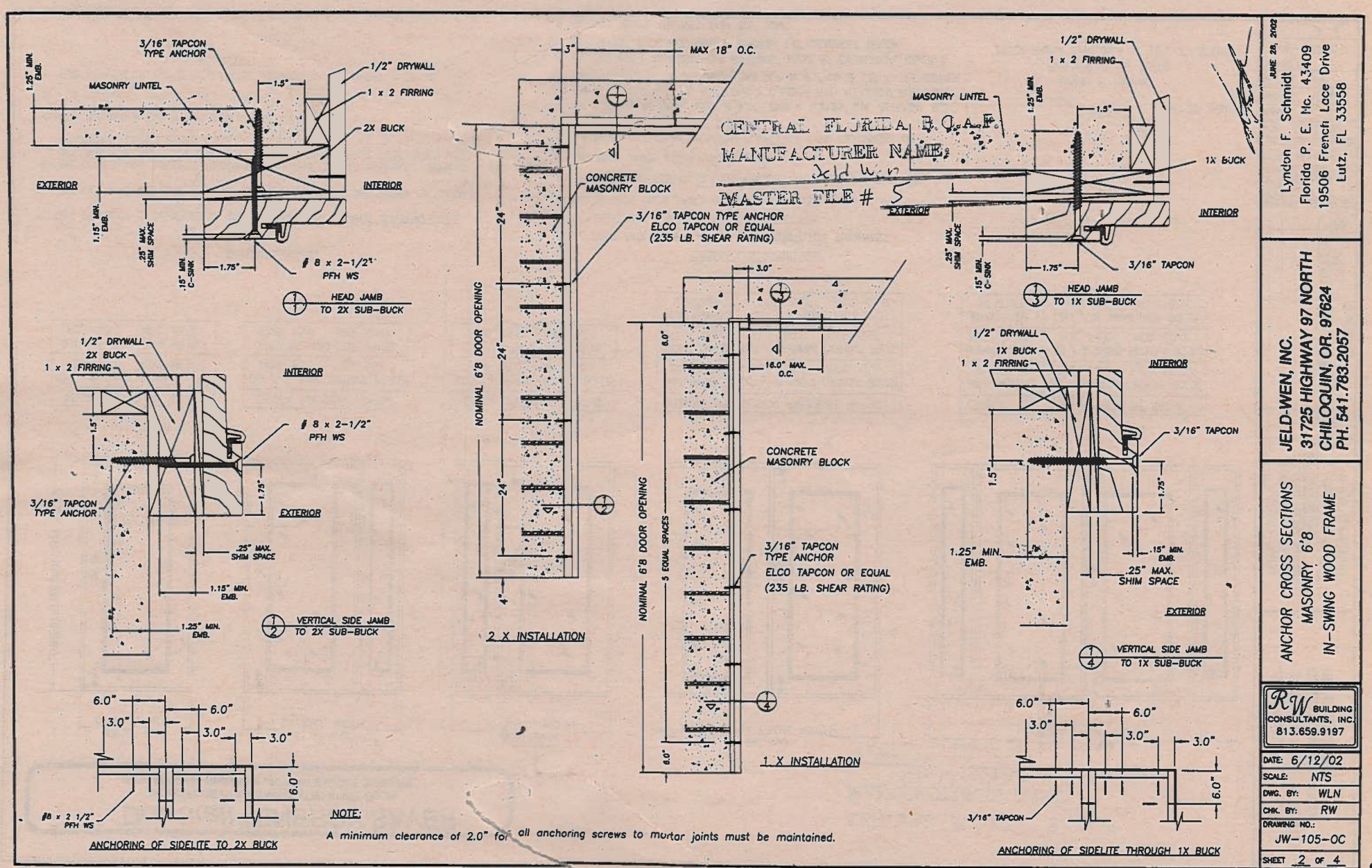
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS AND BILL OF MATERIALS

NO.	DATE	REVISIONS	BY
1	10/14/02	GENERAL REVISION	KMN

RW CONSULTING (813) 684-3831

Approved as complying with the Florida Building Code
Date DEC. 19, 2002
NOA# 02-1022.14
Miami Dade Product Control Division
By: Miami Dade

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO: DC9921
SHEET 5 OF 6



CENTRAL FLORIDA B.O.A.F.
MANUFACTURER NAME: Jeld Wen
MASTER FILE # 5

JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

ANCHOR CROSS SECTIONS
MASONRY 6'8
IN-SWING WOOD FRAME

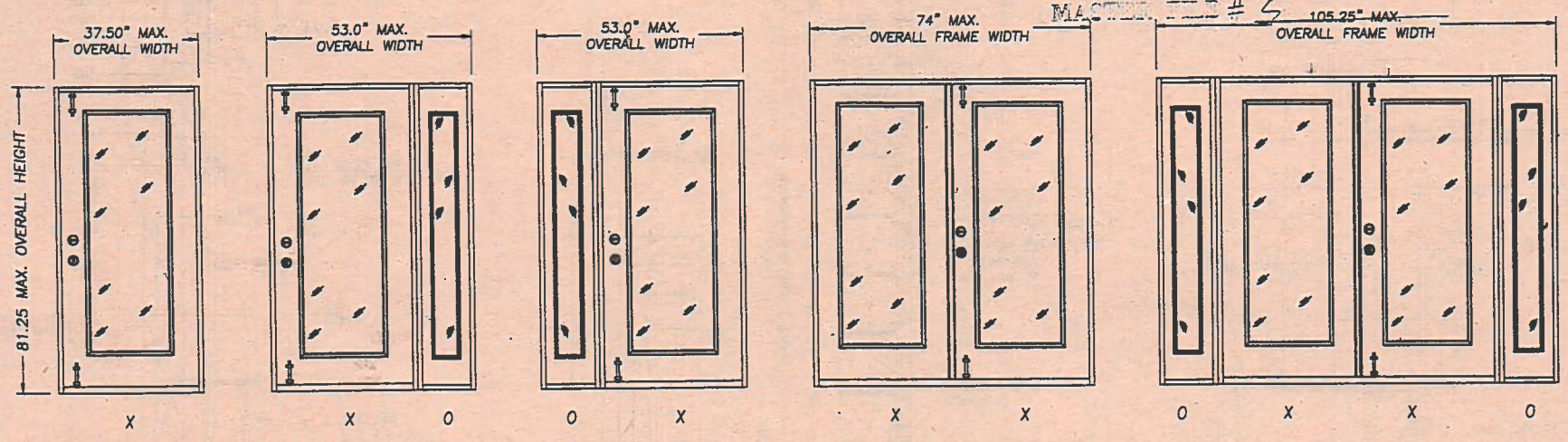
RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 6/12/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-105-OC
SHEET 2 OF 4

DoorCraft® ENERGY SAVER

WOOD EDGE GLAZED INSULATED STEEL DOOR
OUT-SWING / IN-SWING 6-8 UNITS W/ & W/OUT SIDELITES

CENTRAL FLORIDA B.O.A.F.
MANUFACTURER NAME: Jeld Wen
MASTER LIST # 5



DESIGN PRESSURE RATING
OUT / IN-SWING (WITHOUT BOLTS) POS. 50.0 NEG. 50.0
OUT / IN-SWING (WITH BOLTS) POS. 65.0 NEG. 65.0

DESIGN PRESSURE RATING
OUT / IN-SWING (WITHOUT BOLTS) POS. 50.0 NEG. 50.0
OUT / IN-SWING (WITH BOLTS) POS. 65.0 NEG. 65.0

DESIGN PRESSURE RATING
OUT / IN-SWING (WITHOUT BOLTS) POS. 50.0 NEG. 50.0
OUT / IN-SWING (WITH BOLTS) POS. 65.0 NEG. 65.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT / IN-SWING (WITHOUT BOLTS) POS. 50.0 NEG. 50.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT / IN-SWING (WITHOUT BOLTS) POS. 50.0 NEG. 50.0
WINDJAMBER II BY GENESIS	OUT / IN-SWING (WITH BOLTS) POS. 65.0 NEG. 65.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT / IN-SWING (WITHOUT BOLTS) POS. 50.0 NEG. 50.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT / IN-SWING (WITHOUT BOLTS) POS. 50.0 NEG. 50.0
WINDJAMBER II BY GENESIS	OUT / IN-SWING (WITH BOLTS) POS. 65.0 NEG. 65.0

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS.
3. THE DOORS AND SIDELITES REQUIRE WINDBORNE DEBRIS EXTERNAL PROTECTION AS DESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE WHEN USED IN WINDBORNE DEBRIS AREAS.
4. FOR INSWING MASONRY ANCHORING SEE SHEET 2 OF 4.
5. FOR OUTSWING MASONRY ANCHORING SEE SHEET 3 OF 4.
6. FOR INSWING/OUTSWING WOOD STUD ANCHORING SEE SHEET 4 OF 4.

PRODUCT DESCRIPTION

1. THE DOOR FACE SHEETS ARE 24 GA. (0.020") MIN. THICKNESS.
2. THE STILES AND RAILS ARE WOOD CONSTRUCTION.
3. THE INTERIOR DOOR CAVITY IS EXPANDED POLYSTYRENE.
4. THE DOOR AND SIDELITE GLAZING ARE 0.5" INSULATED GLASS BY ODL.
5. THE WOOD JAMBS ARE A MIN. 4-9/16".
6. THE THRESHOLD IS AN ALUMINUM BUMP FACE TYPE (OUTSWING) OR AN ALUMINUM-SADDLE TYPE (INSWING).
*7. THE IMPERIAL ASTRAGAL USES A 9.0" LONG X 0.3125" DIA. ASTRAGAL ROD TOP & BOTTOM AND (5) 4.5" LONG X 0.5625" THK. ALUMINUM ROD SLIDE BARS. THERES IS (1) ALUMINUM BAR TOP & BOTTOM & (3) IN THE CENTER.
8. ALL LATCHBOLT AND DEADBOLT HARDWARE MUST BE CYLINDRICAL GRADE II WITH A 161 EDGE PREP AND A MINIMUM 1.0" DEADBOLT THROW.
9. SURFACE BOLTS ARE IVES #454 8.0" LONG.

JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive Lutz, FL 33558

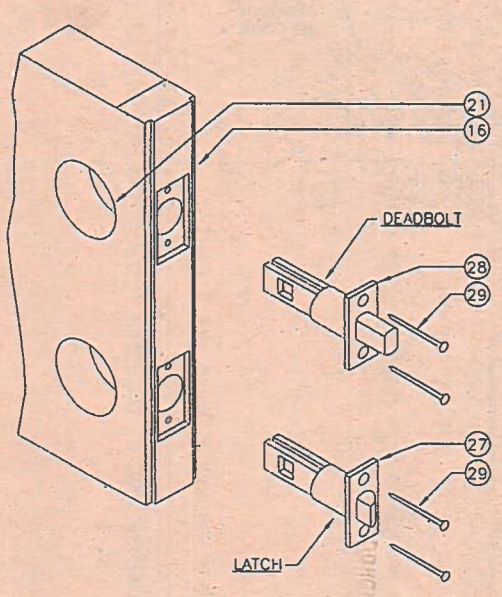
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

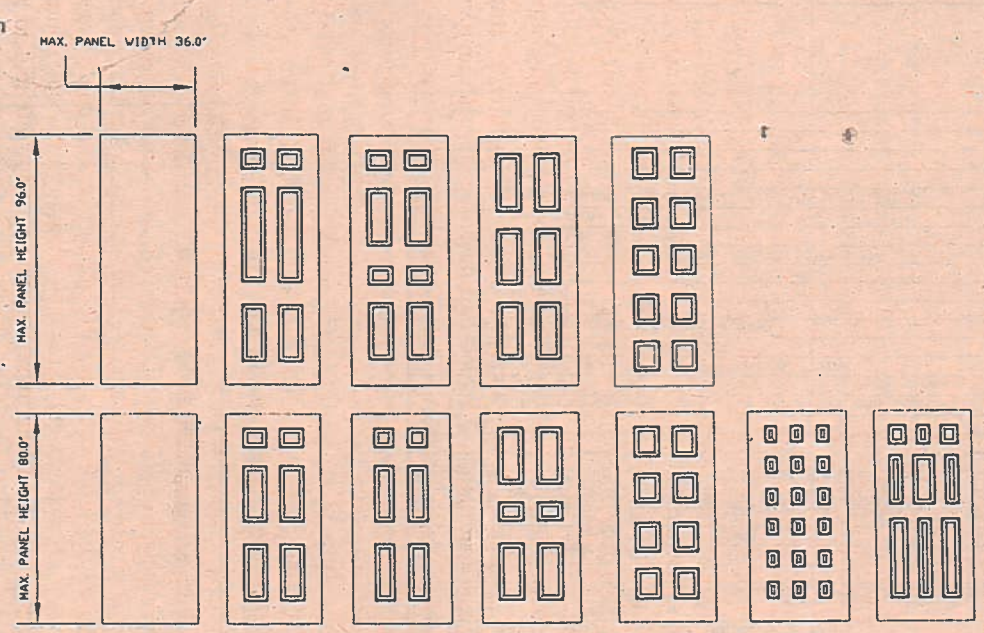
PRODUCT: ENERGY SAVER WOOD EDGE STEEL DOOR GLAZED W/WO SIDELITES
PART OR ASSEMBLY: GENERAL NOTES & TYPICAL ELEVATIONS

NO.	DATE	REVISIONS	BY
1	6/28/02	ADDED HARDWARE NOTE	TJH

RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE: 6/12/02
SCALE: N.T.S.
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-105-OC
SHEET 1 OF 4





DOOR MODELS (FLUSH and EMBOSSED)

NOTE:

1. 6'8 DOOR LATCH LOCATED AT 36.0" FROM BOTTOM OF PANEL.
2. 6'8 DOOR DEADBOLT LOCATED AT 41.5" FROM BOTTOM OF PANEL.
3. 8'0 DOOR LATCH LOCATED AT 36.0" FROM BOTTOM OF PANEL.
4. 8'0 DOOR DEADBOLT LOCATED AT 48.0" FROM BOTTOM OF PANEL.

Approved as complying with the Florida Building Code
Date DEC. 19, 2002
NOA# 02-1022.10
Miami Dade Product Control Division
By

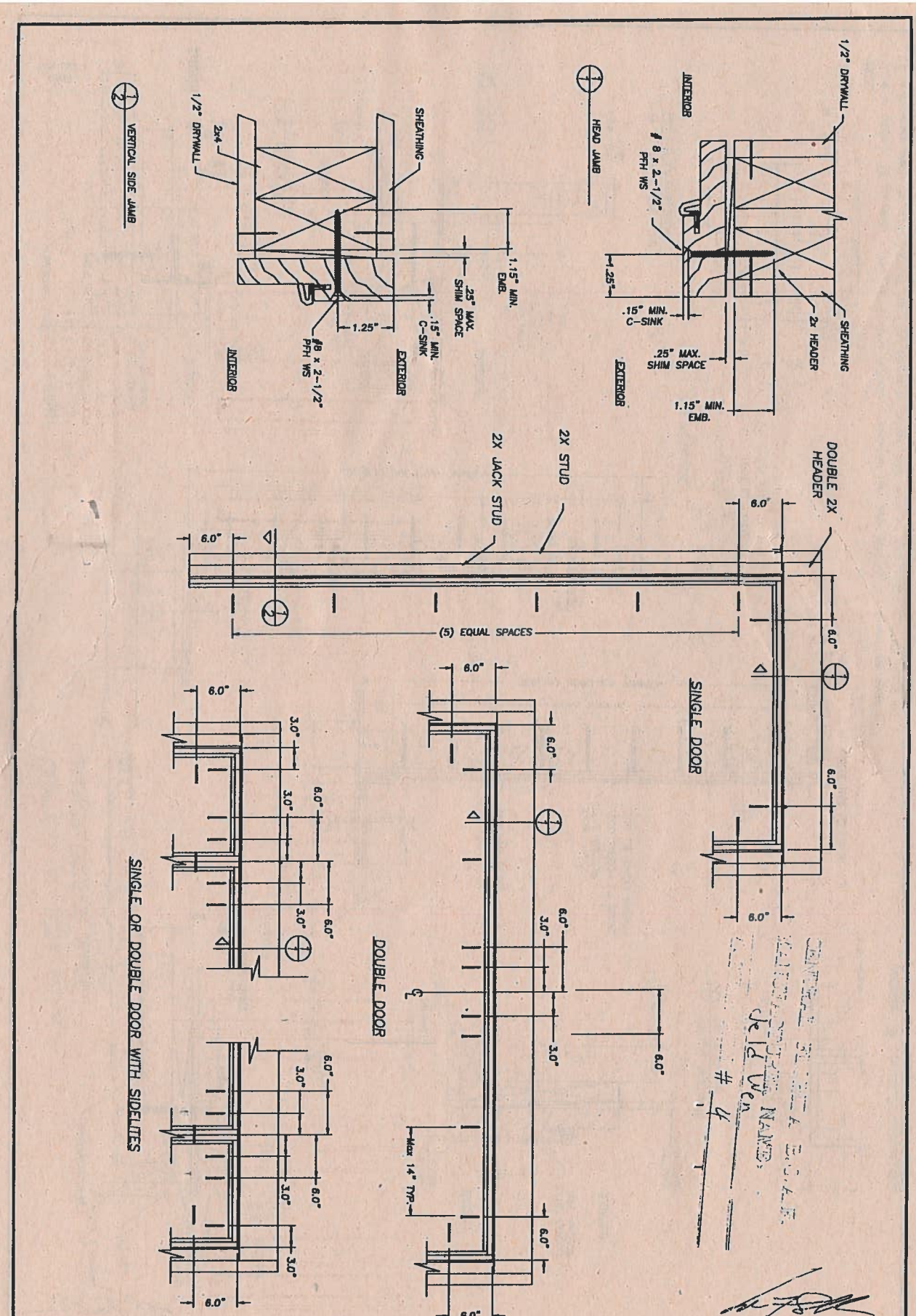
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR 97624
PH. 541.783.2057

PRODUCT: OUTSWING OPAQUE INSULATED STEEL DOUBLE DOOR IN WOOD FRAME
PART OR ASSEMBLY: DOOR MODELS AND LOCK DETAILS

NO.	DATE	REVISIONS	BY
1	10/14/02	GENERAL REVISION	KMN

RW CONSULTING (813) 684-3831

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC9921
SHEET 6 OF 6



MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

BUILDING PLANS EXAMINER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB

APR 07 2003
Building & Zoning Inspection Div.-Jax., FL.
Examiner Signature
License No.

NOTICE OF ACCEPTANCE (NOA)

Jeld-Wen, Inc.
31725 Highway 97 North
Chiloquin. OR 97624

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.
This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Jeld-Wen® Steel" S/E Outswing Opaque Insulated Steel Door w & w/o Sidelites

APPROVAL DOCUMENT: Drawing No. **DC2005**, titled "O/S Opaque Steel Door Double & Single Units w & w/o Sidelites", sheets 1 through 8 of 8, prepared by R.W. Building Consultants Inc, dated 9/25/00 with revision #1 dated 12/11/02, 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.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: 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", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

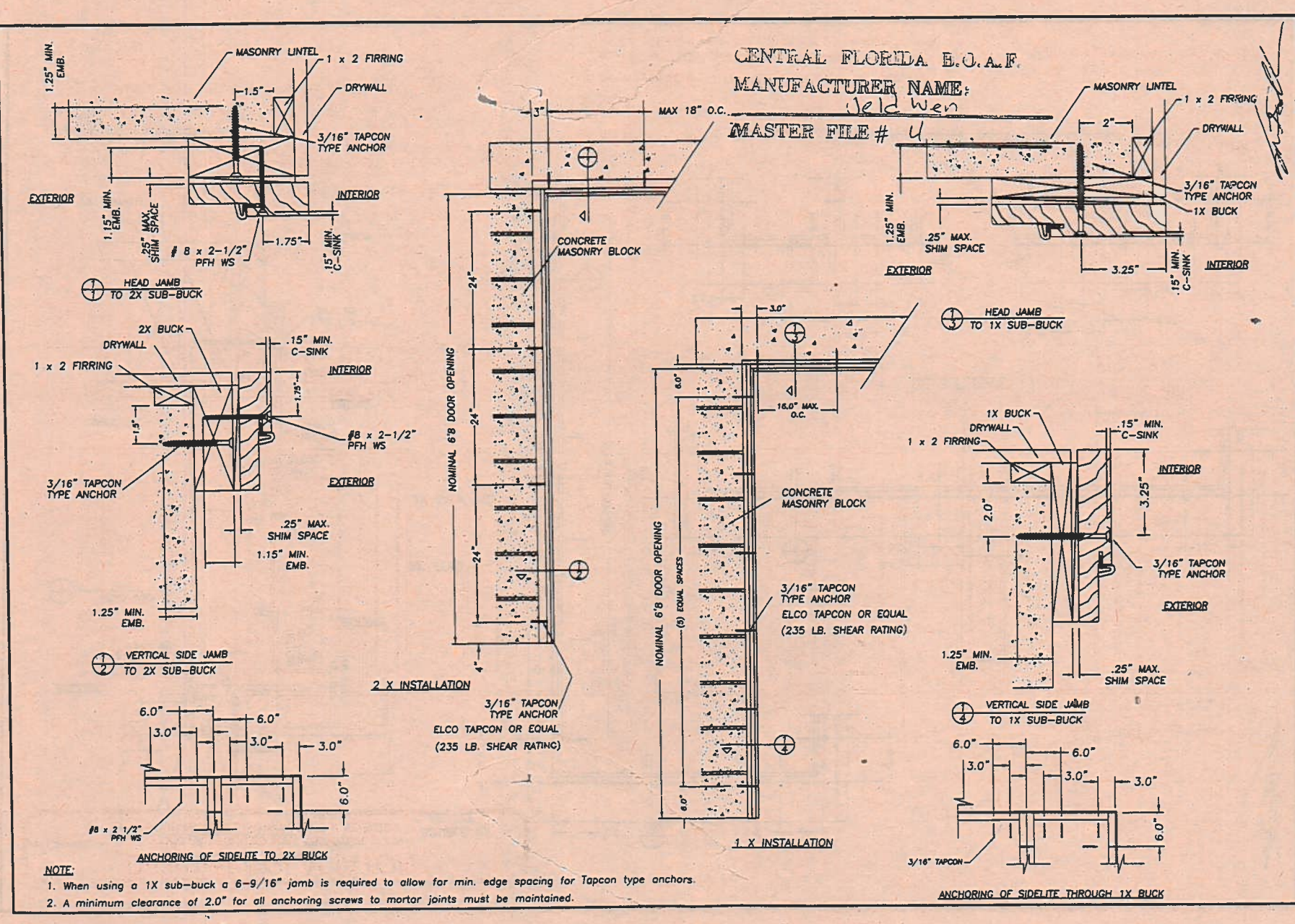
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA **revises and renews NOA # 00-1003.03** and consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Manuel Perez, P.E.**

PRODUCT CONTROL ACCEPTED

NOA No 02-1211.12
Expiration Date: April 14, 2008
Approval Date: January 16, 2003
Page 1

CENTRAL FLORIDA E.O.A.F.
MANUFACTURER NAME: Jeld Wen
MASTER FILE # 4



NOTE:
1. When using a 1X sub-buck a 6-9/16" jamb is required to allow for min. edge spacing for Tapcon type anchors.
2. A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558
JUNE 28, 2002

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

ANCHOR CROSS SECTIONS
MASONRY 6'8
OUT-SWING WOOD FRAME

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 6/12/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-104-OC
SHEET 2 OF 3

JELD-WEN® Steel

WOOD EDGE OPAQUE INSULATED STEEL DOOR
OUTSWING 6-8 UNITS W/AND W/OUT SIDELITES

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER THE LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. THIS SYSTEM REQUIRES WINDBORNE DEBRIS EXTERNAL PROTECTION AS PRESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE FOR THE SIDELITES ONLY.
5. DESIGNED PRESSURE RATING SHALL BE AS FOLLOWS:
   -SEE DESIGN PRESSURE RATING TABLE SHEET ONE.
6. SIDELITES ARE AN OPTION AND CAN BE IN A SINGLE OR DOUBLE CONFIGURATION.
7. THIS SYSTEM MEETS THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES". SEE NOTE BELOW DESIGNED PRESSURE CHART.

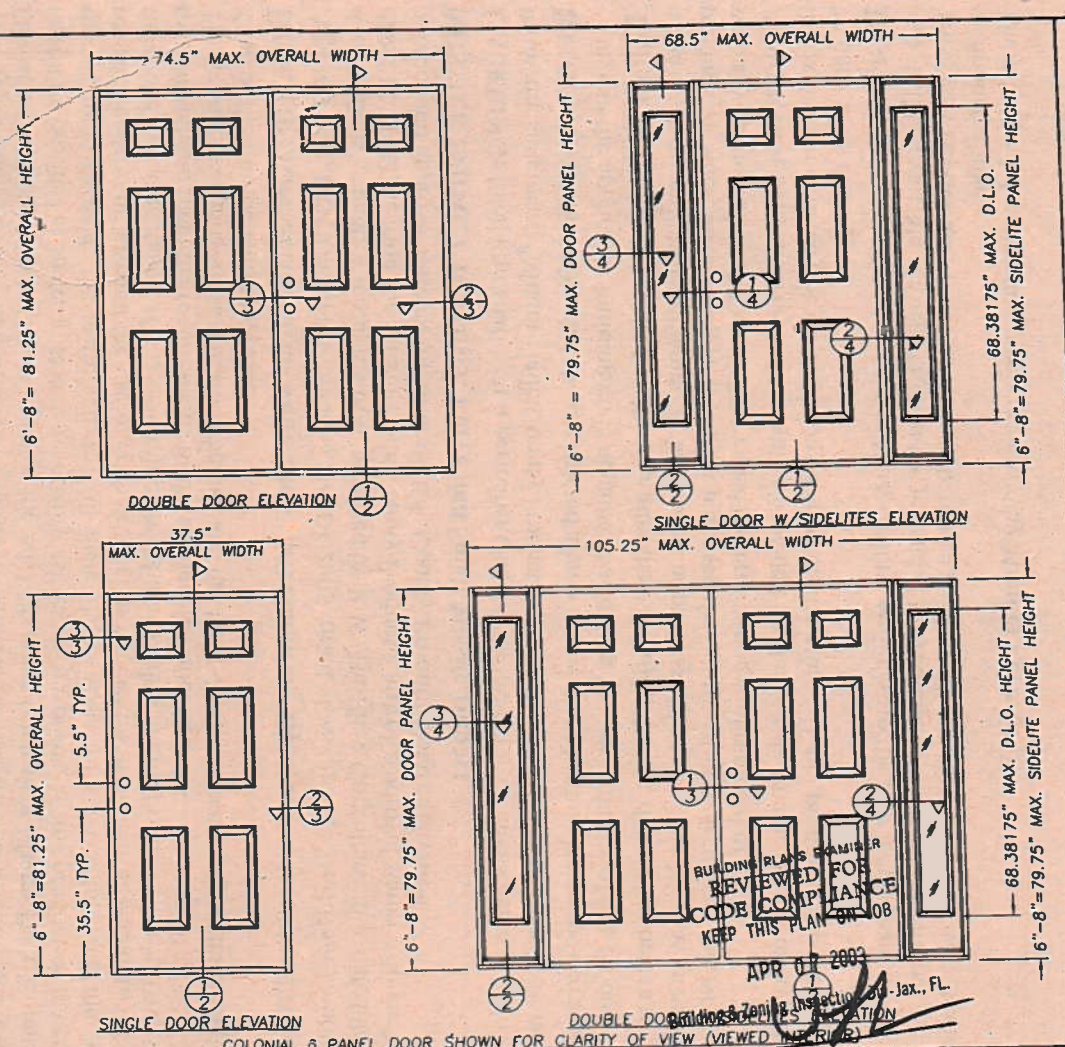
RESIDENTIAL INSULATED STEEL DOOR
(Common to all frame conditions)

Door Leaf Construction:
Face sheets: 24 ga. (0.020") minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength Fy(min.)=24,600 psi.

Core design: Expanded polystyrene with 1.0 to 1.25 lbs. density.

Construction: Steel face sheets glued to expanded polystyrene (EPS), with wood rails and laminated veneerd lumber stiles and a wood lock block reinforcement.

Frame Construction: The head jams and side jambs are mortised, butted and joined using three 7/8" x 2" wire staples.



BUILDING PLANS EXAMINER
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON SITE
APR 07 2003
Building & Zoning Inspections Dept. - Jax., FL.
Examiner Signature
License No.

Approved as complying with the Florida Building Code
Date: JAN. 16, 2003
Product Control
Designer

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATION)
2	VERTICAL CROSS SECTIONS & BILL OF MATERIALS
3	HOIZONTAL CROSS SECTIONS
4	HOIZONTAL CROSS SECTIONS
5	ANCHORING LOCATIONS & DETAILS
6	ANCHORING LOCATIONS & DETAILS
7	GLAZING DETAILS
8	COMPONENTS

DESIGN PRESSURE RATING

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	+ 53.0 PSF
NEGATIVE	- 57.0 PSF

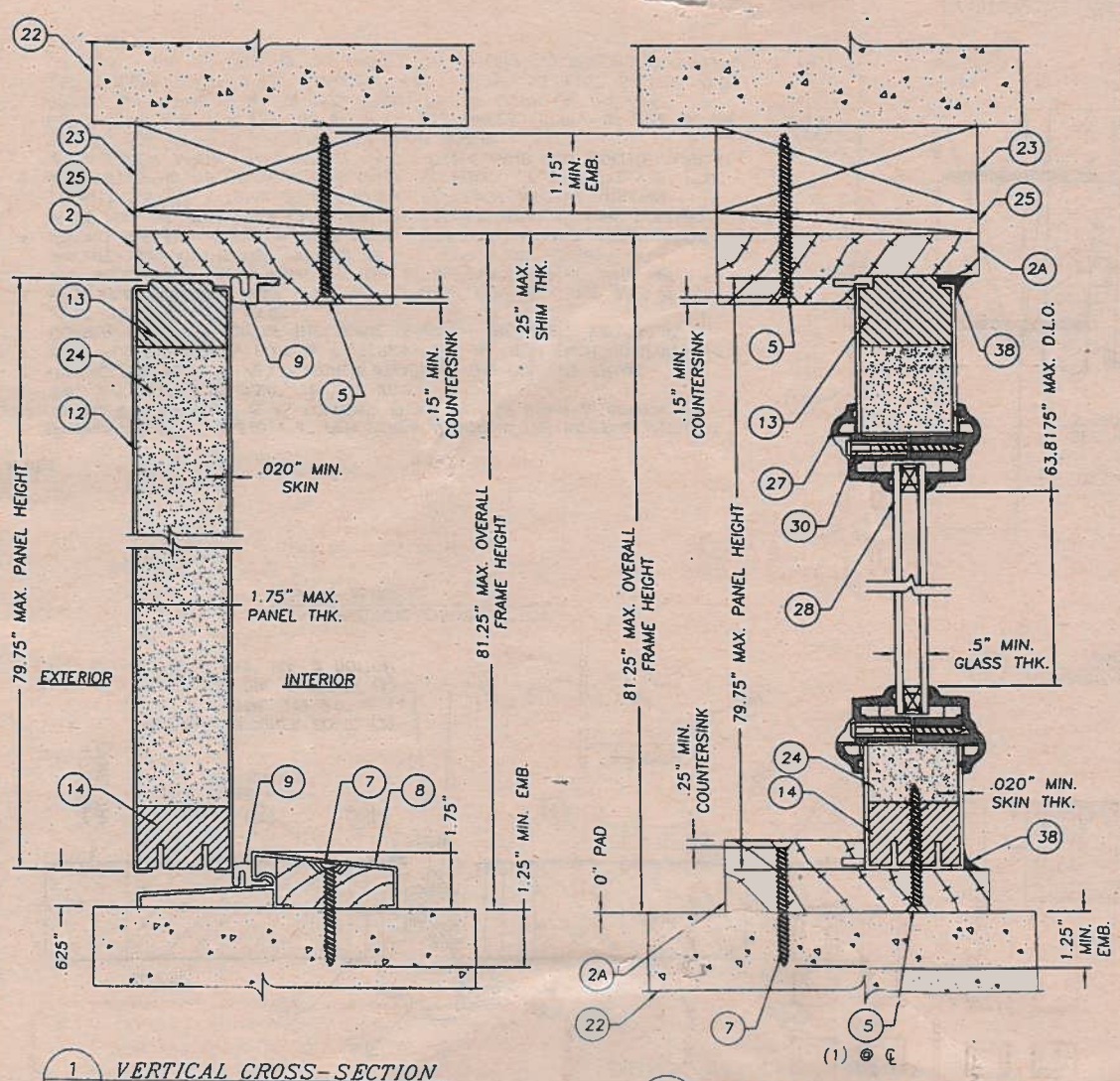
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: O/S OPAQUE STEEL DOOR DOUBLE & SINGLE UNITS W & W/O SIDELITES
PART OR ASSEMBLY: ELEVATIONS AND GENERAL NOTES

NO	DATE	REVISIONS	BY
1	12/11/02	UPDATED DRAWING & TROF ADD TRINITY FRAME	

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC2005
SHEET 1 OF 8



1/2 VERTICAL CROSS-SECTION

2/2 VERTICAL CROSS-SECTION

Item	DESCRIPTION	Material
1	HINGE JAMB (1 1/4" x 4 1/12")	WOOD
2	HEAD JAMB (1 1/4" x 4 1/2")	WOOD
2A	SIDELITE BLANK JAMB (1 1/4" x 4 9/16")	
3	4" x 4" BUTT HINGE 12GA. (.097" MIN)	STEEL
4	#9 x 1" P. FH. WOOD SCREW (HINGE TO FRAME)	STEEL
5	#8 x 2 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
6	#10 X 2" P. FH. WOOD SCREW (HINGE TO BUCK)	STEEL
7	1/4" TAPCON	STEEL
8	BUMPER THRESHOLD (1 1/4"x4 5/8"x5/8")	ALUMINUM
9	COMPRESSION WEATHERSTRIP Q-LON QDS-650	
10	EXTRUDED ASTRAGAL (IMPERIAL #ANH)	ALUMINUM
11	#9 x 1" PHILLIPS FLATHEAD WOOD SCREW	STEEL
12	FACE SHEET 24GA. (.020" MIN. GALVANIZED)	STEEL
13	TOP RAIL (1.67" x 1.042")	WOOD
14	DOOR PANEL BOTTOM RAIL (1.73"x1.21"x.021")	STEEL
15	DOOR HINGE WOOD SIDE STILE 1.67" x 1.065"	WOOD
15A	DOOR LATCH LVL SIDE STILE 1.67" x 1.065"	
16	ASTRAGAL THROW BOLT ø.31" x 19.25 L.	STEEL
17	#8 x 1/2" L. TYPE "AB" PANHEAD SMS	STEEL
18	8-#6 X 1" PHILLIPS FLATHEAD WOOD SCREW	STEEL
19	KWIKSET TITAN SERIES LOCK	
20	KWIKSET TITAN SERIES DEADBOLT	
21	LATCH SCREWS (SEE LOCK INSTRUCTIONS)	
22	MASONRY WALL	CONC.
23	2x WOOD BUCK	WOOD
24	EXPANDED POLYSTYRENE, DYLITE (1.0 TO 1.25 LB)	
25	1/4" MAX. SHIMS	WOOD
26	WOOD LOCK REINFORCEMENT	WOOD
27	LITE FRAME ODL POLYPROPYLENE	
28	1/2" INSULATED TEMPERED GLASS	GLASS
29	LATCH JAMB (1 1/4" x 4 1/12")	WOOD
30	#8 x 1 1/2" TEK SCREW (LITE FRAME)	STEEL
31	LITE FRAME BY TRINITY FOR 1/2" GLASS	
32	1/2" INSULATED TEMP. GLASS BY TRINITY	
33	LITE FRAME BY TRINITY FOR 1" GLASS	
34	1" INSULATED TEMP. GLASS BY TRINITY	
35	LITE FRAME SCREW #6 X 1 1/2" PANHEAD	
36	SILICONE CAULK (CR LAWRENCE 33C)	SILICONE
37	GLAZING COMPOUND	SILICONE
38	CAULK	LATEX

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: O/S OPAQUE STEEL DOOR DOUBLE & SINGLE UNITS W & W/O SIDELITES

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS & BILL OF MATERIALS

NO.	DATE	REVISIONS	BY
1	12/11/02	UPDATED DRAWING & ADD TRINITY FRAME	ROF

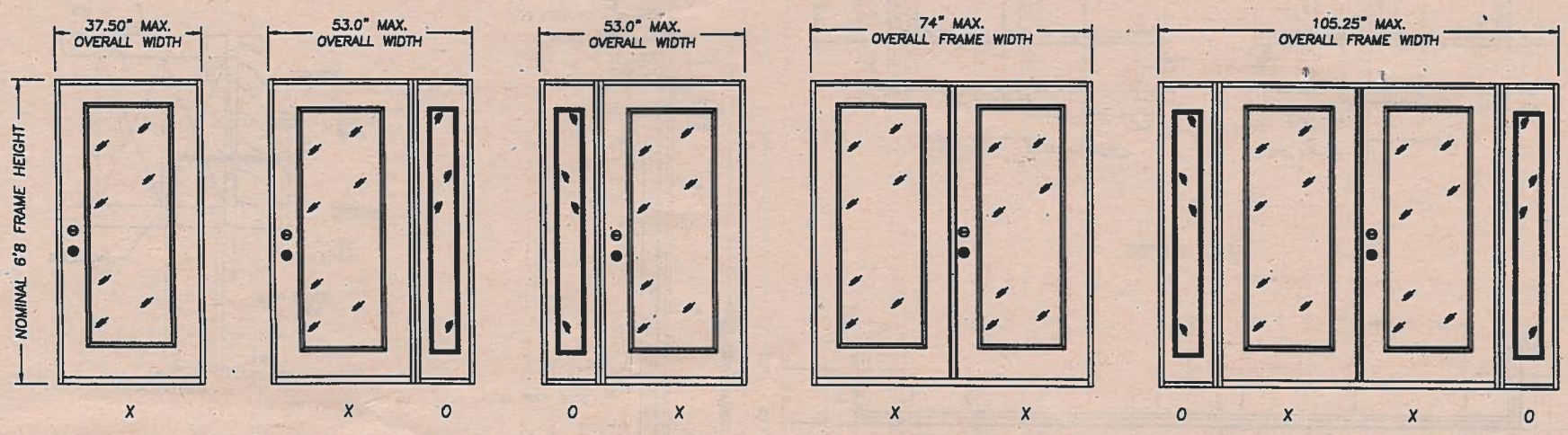
RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC2005
SHEET 2 OF 8

Approved as complying with the Florida Building Code
Date JAN. 16, 2003
Model 02-1211.12
Miami-Dade Product Control Section
By Manuel Perez

DoorCraft® GLADIATOR

WOOD EDGE GLAZED INSULATED STEEL DOOR
OUT-SWING 6-8 UNITS W/ & W/OUT SIDELITES



DESIGN PRESSURE RATING	DESIGN PRESSURE RATING	DESIGN PRESSURE RATING	DESIGN PRESSURE RATING	DESIGN PRESSURE RATING
OUT-SWING POS. 46.0 NEG. 46.0	OUT-SWING POS. 46.0 NEG. 46.0	OUT-SWING POS. 46.0 NEG. 46.0	OUT-SWING POS. 46.0 NEG. 46.0	OUT-SWING POS. 46.0 NEG. 46.0

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS.
3. THE DOORS AND SIDELITES REQUIRE WINDBORNE DEBRIS EXTERNAL PROTECTION AS DESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE WHEN USED IN WINDBORNE DEBRIS AREAS.
4. FOR OUTSWING MASONRY ANCHORING SEE SHEET 2 OF 4.
5. FOR OUTSWING WOOD STUD ANCHORING SEE SHEET 3 OF 4.

PRODUCT DESCRIPTION

1. THE DOOR FACE SHEETS ARE 25 GA. (0.018") MIN. THICKNESS.
2. THE STILES AND RAILS ARE WOOD CONSTRUCTION.
3. THE INTERIOR DOOR CAVITY IS EXPANDED POLYSTYRENE.
4. THE DOOR AND SIDELITE GLAZING ARE 0.5" INSULATED GLASS BY ODL.
5. THE WOOD JAMBS ARE A MIN. 4-9/16".
6. THE THRESHOLD IS AN ALUMINUM BUMP FACE TYPE (OUTSWING).
7. ALL LATCHBOLT AND DEADBOLT HARDWARE MUST BE CYLINDRICAL GRADE II WITH A 161 EDGE PREP AND A MINIMUM 1.0" DEADBOLT THROW.

Jeld Wen
MASTER PLANT # 4

JUNE 28, 2002

Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

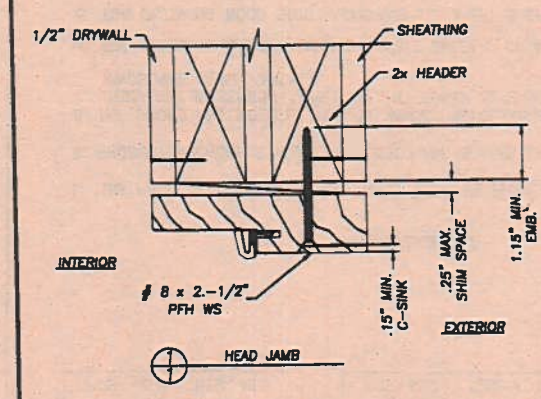
PRODUCT: GLADIATOR WOOD EDGE STEEL DOOR GLAZED W/O SIDELITES

PART OR ASSEMBLY: GENERAL NOTES & TYPICAL ELEVATIONS

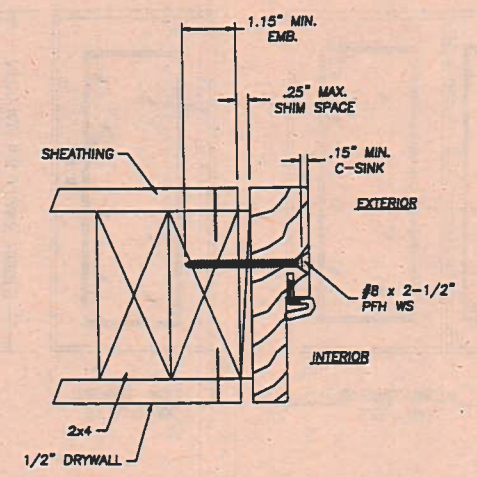
NO.	DATE	REVISIONS	BY
1	6/28/02	ADDED HARDWARE NOTE	TJH

RW BUILDING CONSULTANTS, INC. 813.659.9197

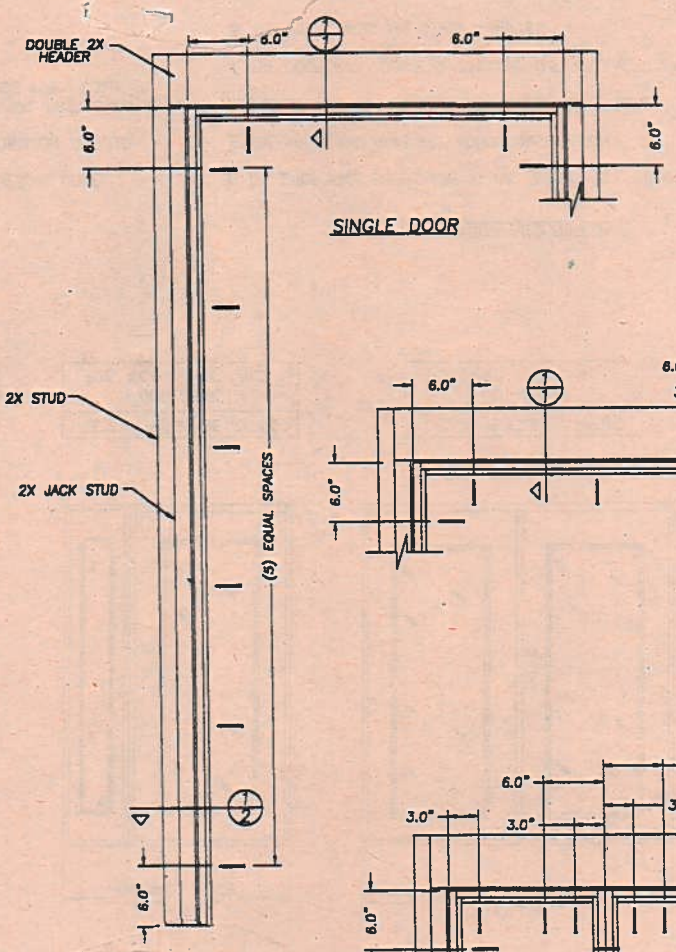
DATE: 6/12/02
SCALE: N.T.S.
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-104-OC
SHEET 1 OF 3



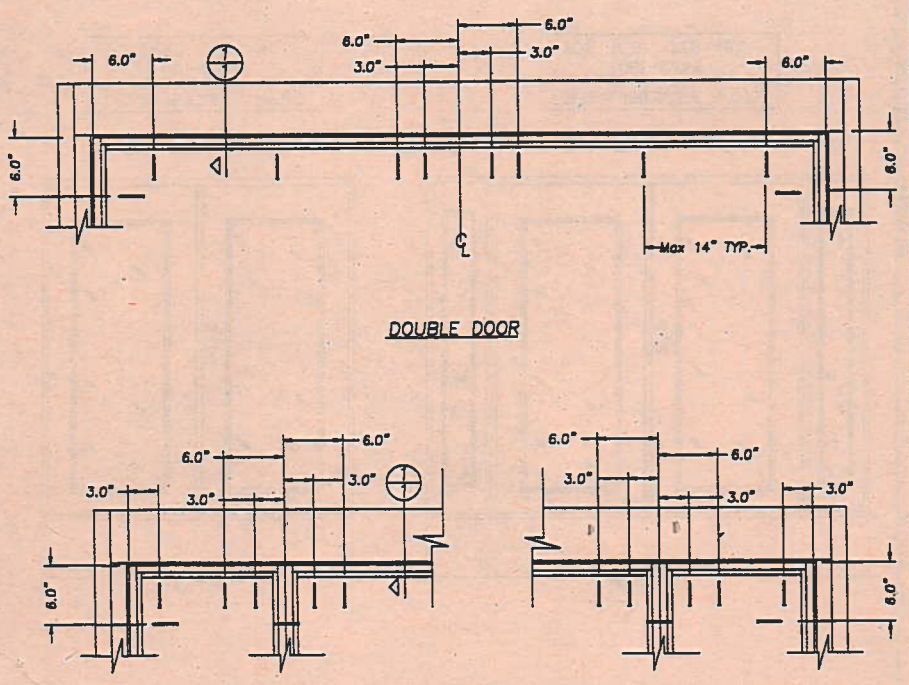
HEAD JAMB



1/2 VERTICAL SIDE JAMB



SINGLE DOOR



DOUBLE DOOR

SINGLE OR DOUBLE DOOR WITH SIDELITES

CENTRAL FLORIDA S.O.A.F.
MANUFACTURER NAME: Jeld Wen
MASTER FILE # 3

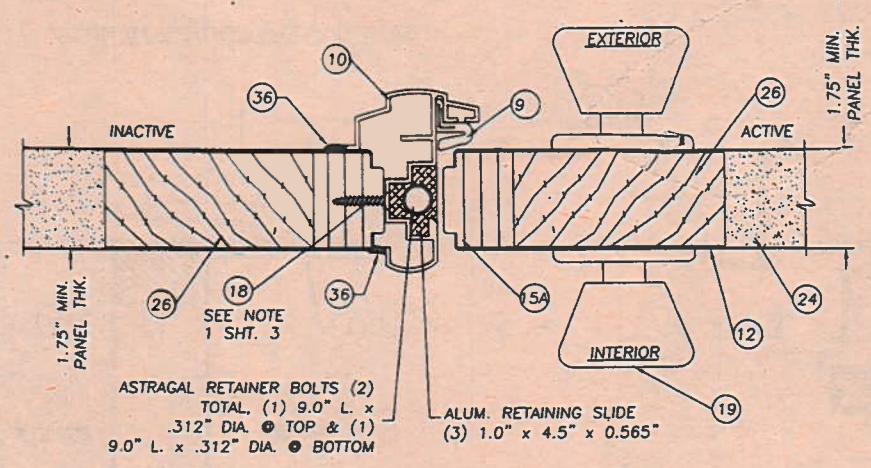
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

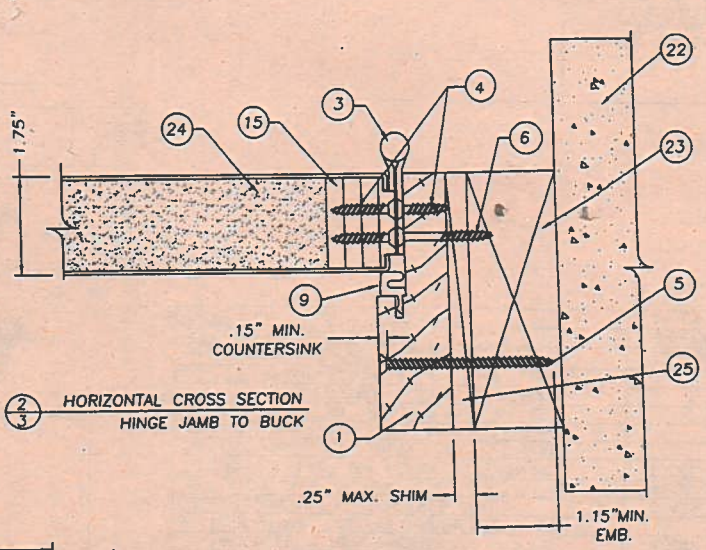
ANCHOR CROSS SECTIONS
IN-SWING / OUT-SWING
WOOD FRAME

RW BUILDING CONSULTANTS, INC.
813.659.9197

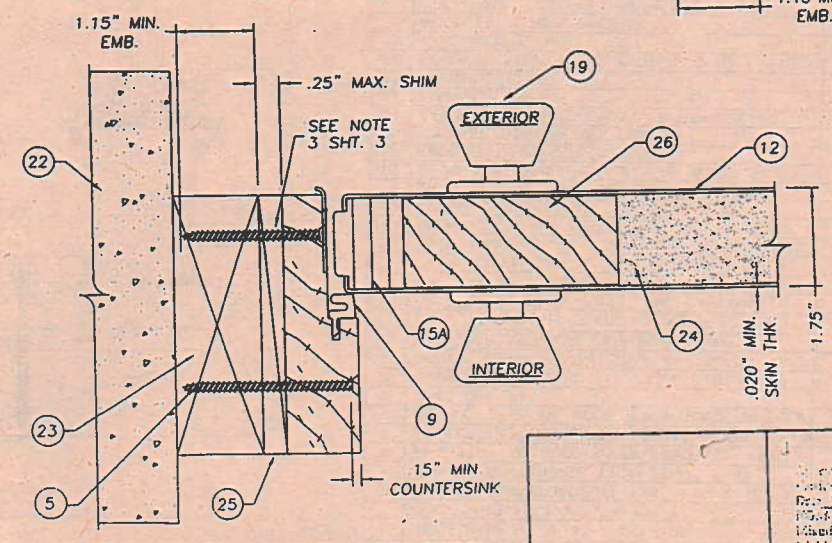
DATE:	6/12/02
SCALE:	NTS
DWG. BY:	WLN
CHK. BY:	RW
DRAWING NO.:	JW-103-OC
SHEET	4 OF 4



1/3 HORIZONTAL CROSS SECTION AT ASTRAGAL



2/3 HORIZONTAL CROSS SECTION HINGE JAMB TO BUCK



3/3 HORIZONTAL CROSS SECTION LATCH JAMB TO BUCK

NOTES:

1. SPACING FOR ITEM 18 #10 x 1" PFH SCREW ATTACHING THE IMPERIAL ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE TOP DOWN & BOTTOM UP; 1.0", 2.5", 4.0", 5.5", 13.0", 18.0" & 26.0".
2. SPACING FOR #8 x 1 1/2" PLASCREW ATTACHING THE ODL LITE FRAME IS AS FOLLOWS; TOP & BOTTOM; (2)SCREWS 3.0" IN FROM EACH HORIZONTAL CORNER. FROM THE TOP OF THE FRAME DOWN ON THE SIDES; 3.0", 13.0", 26.0", 39.0", 52.0" & 63.0".
3. WHEN ATTACHING THE STRIKE PLATE TO THE JAMB AND BUCK USE #8 x 2 1/2" PFH WOOD SCREW. WHEN ATTACHING THE STRIKE PLATE TO THE JAMB AND SIDELITE JAMB AT THE MULLION USE #8 x 2" PFH WOOD SCREW.
4. SPACING FOR #8 x 2.5" PFH WOOD SCREW ATTACHING THE MULLIONS TOGETHER IS AS FOLLOWS; 6.0" FROM EACH VERTICAL CORNER WITH (5) MORE SCREWS EQUALLY SPACED, A TOTAL OF (7) SCREWS PER EACH VERTICAL MULLION.
5. WHEN ATTACHING THE HINGE TO THE JAMB AND BUCK USE ITEM #10 x 2" PFH WOOD SCREW. WHEN ATTACHING THE HINGE TO THE JAMB AND SIDELITE JAMB AT THE MULLION USE #10 x 1 3/4" PFH WOOD SCREW.
6. THE SPACING FOR ITEM #35 THE #6 X 1-1/2" PANHEAD SCREW SPACING IN THE TRINTIY LITE FRAME IS AS FOLLOWS: FROM THE TOP DOWN ON THE SIDES (9) AT 5.625", 14.5", 23.25", 32.0625", 41.0", 49.75", 58.5625", 67.375", AND 76.3125". THE TOP AND BOTTOM FROM RIGHT TO LEFT (2) SCREWS AT 3.125" AND 6.875".

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

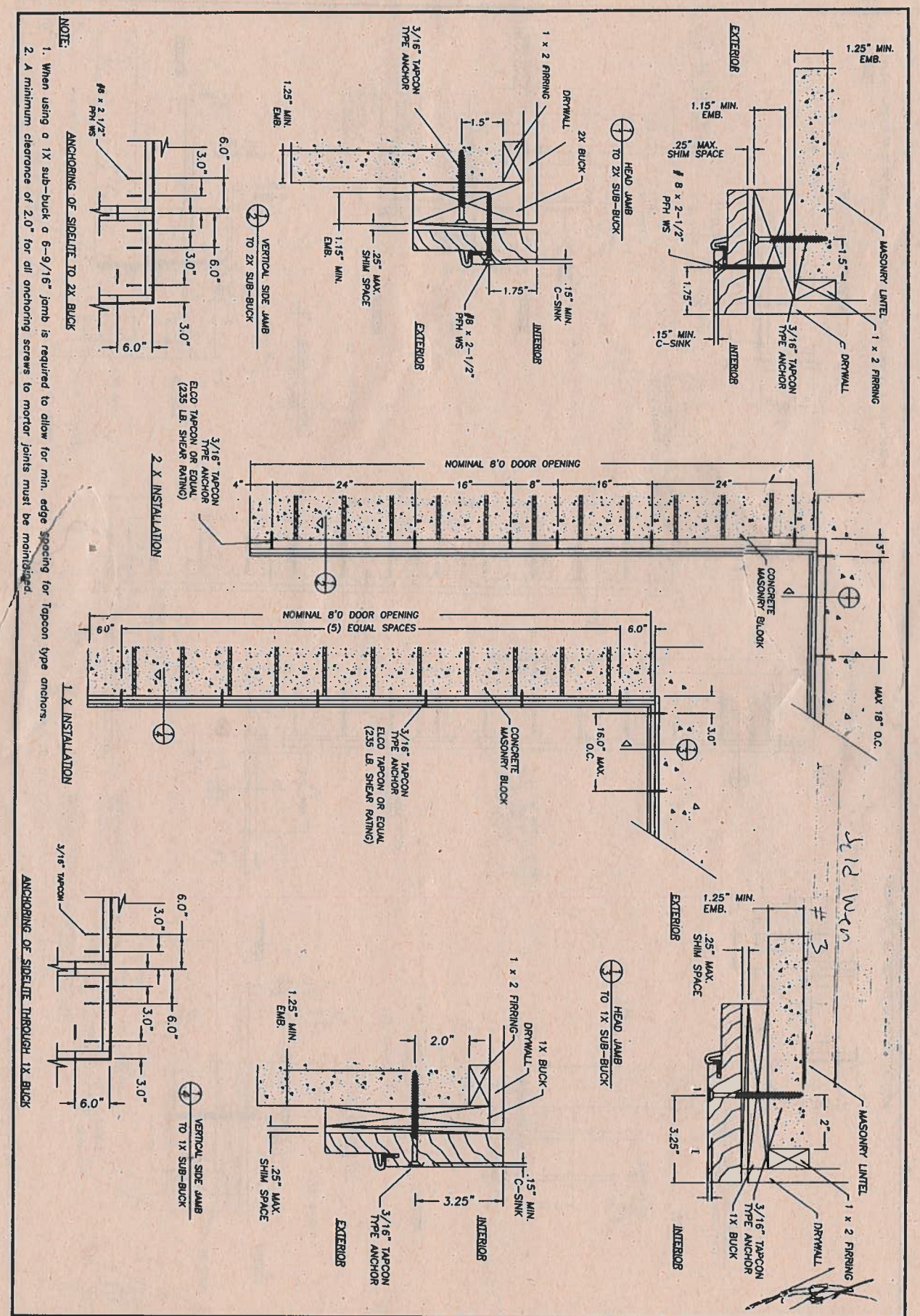
PRODUCT: O/S OPAQUE STEEL DOOR DOUBLE & SINGLE UNITS W & W/O SIDELITES
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY
1	12/11/02	UPDATED DRAWING & ADD TRINITY FRAME	ROF

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE:	9/25/00
SCALE:	N.T.S.
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	DC2005
SHEET	3 OF 8

JAN 16 2003
02-1211.12
Miami-Dade Product Control



NOTE:

1. When using a 1X sub-buck a 6-9/16" jamb is required to allow for min. edge spacing for Tapcon type anchors.
2. A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

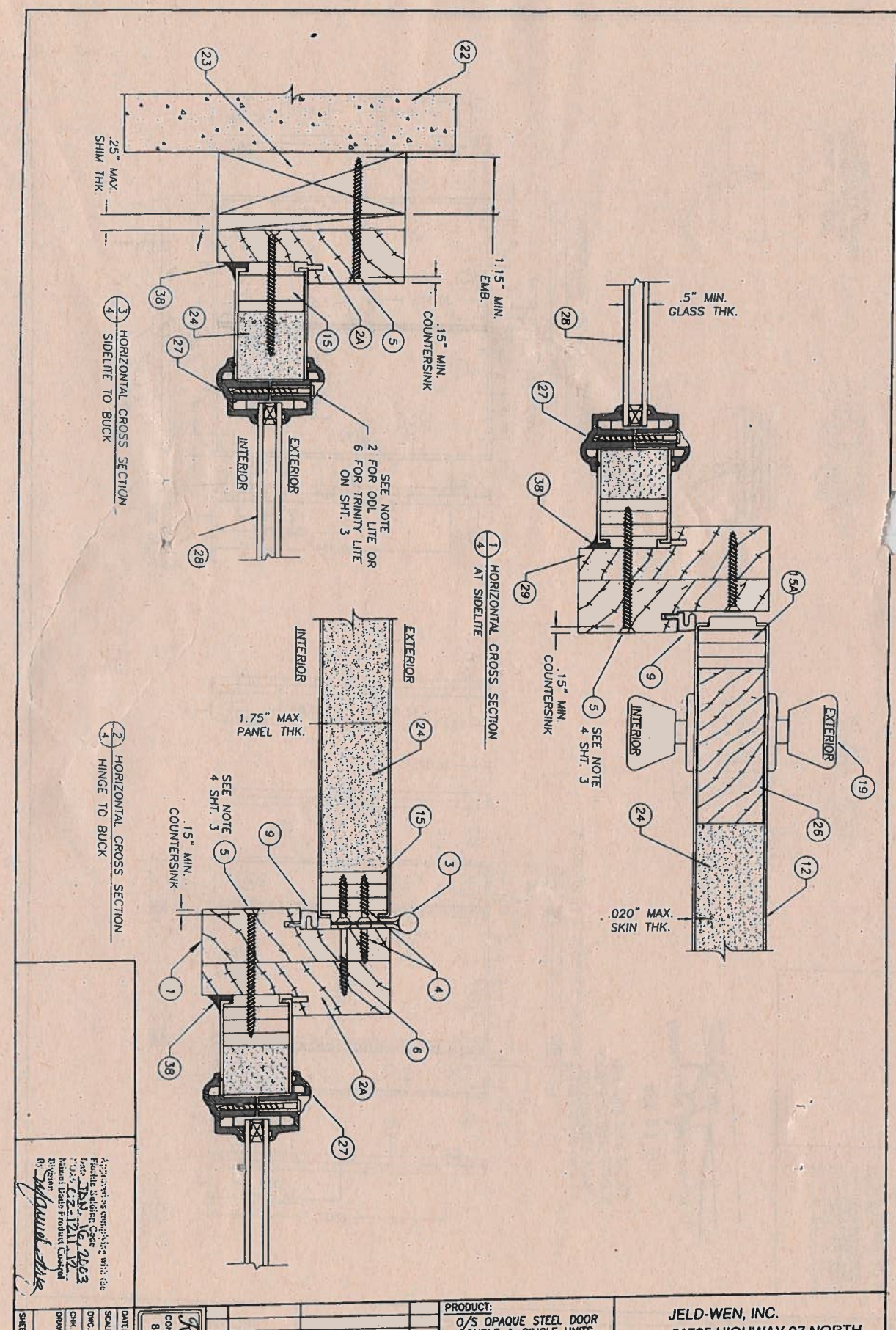
ANCHOR CROSS SECTIONS
MASONRY 8'0
OUT-SWING WOOD FRAME

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE:	6/12/02
SCALE:	NTS
DWN. BY:	WLN
CHK. BY:	RW
DRAWING NO.:	JW-103-OC
SHEET	3 OF 4



Approved as conforming to applicable codes and standards of the Florida Building Code
Date: JUN 26 2002
Jeld-Wen Dade Products Company
Division
By: Edward Mike

RW BUILDING CONSULTANTS, INC. 813.659.9197

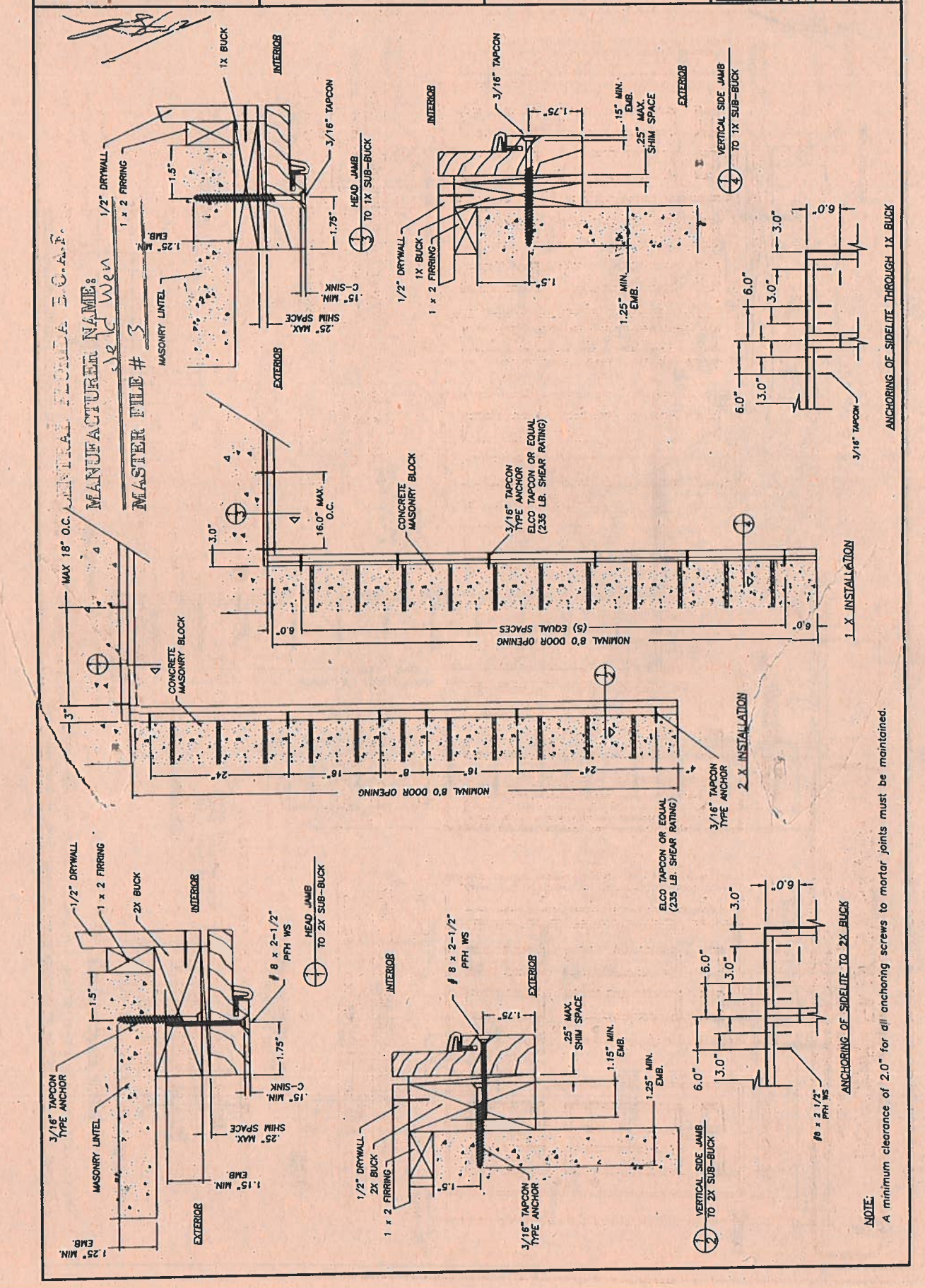
NO.	DATE	REVISIONS	BY
1	12/11/02	UPDATED DRAWING & ADDED TRINITY FRAME	ROF

DATE:	9/25/00
SCALE:	N.T.S.
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	DC2005
SHEET	4 OF 8

PRODUCT:
O/S OPAQUE STEEL DOOR
DOUBLE & SINGLE UNITS
W & W/O SIDELITES

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057



NOTE:
A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

DATE: 6/12/02	
SCALE: NTS	
DWG. BY: WLN	
CHK. BY: RW	
DRAWING NO.: JW-103-OC	
SHEET 2 OF 4	

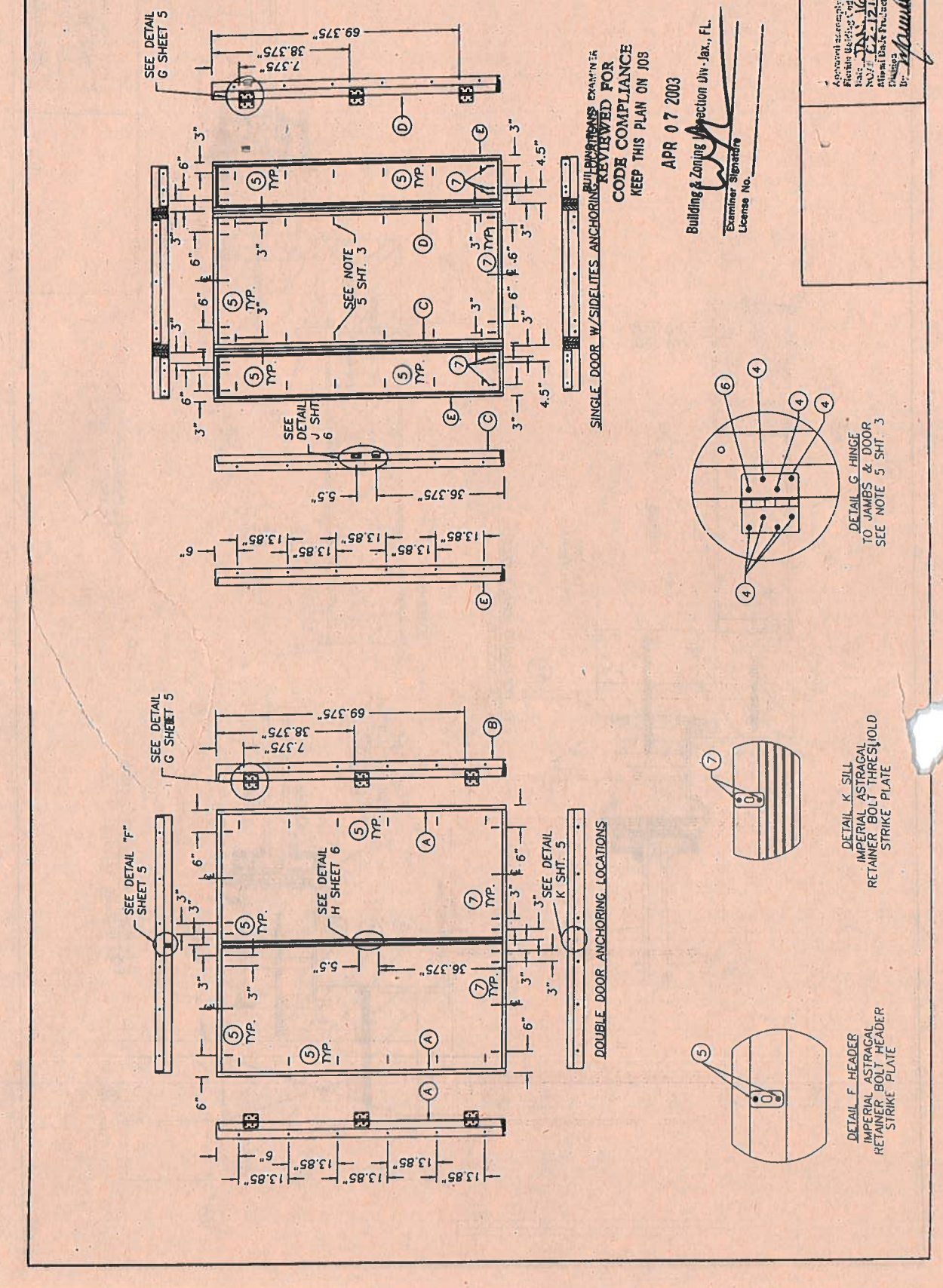
RW BUILDING CONSULTANTS, INC. 813.659.9197

ANCHOR CROSS SECTIONS
MASONRY 8'0
IN-SWING WOOD FRAME

JELD-WEN, INC.
3125 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

Lyndon F. Schmidt
19506 French Lace Drive
Lutz, FL 33558

JUNE 28, 2002



BUILDING PLANS EXAMINED AND REVIEWED FOR CODE COMPLIANCE KEEP THIS PLAN ON JOB
APR 07 2003
Building & Zoning Inspection Div. Jax., FL.
Examiner Signature
License No.

Approval is conditional upon compliance with the Florida Building Code
Date: 12/16/2003
Plans Examiner: Alfonso Lopez
Date: 12/16/2003

DATE: 9/25/00	
SCALE: N.T.S.	
DWG. BY: TJH	
CHK. BY: RW	
DRAWING NO.: DC2005	
SHEET 5 OF 8	

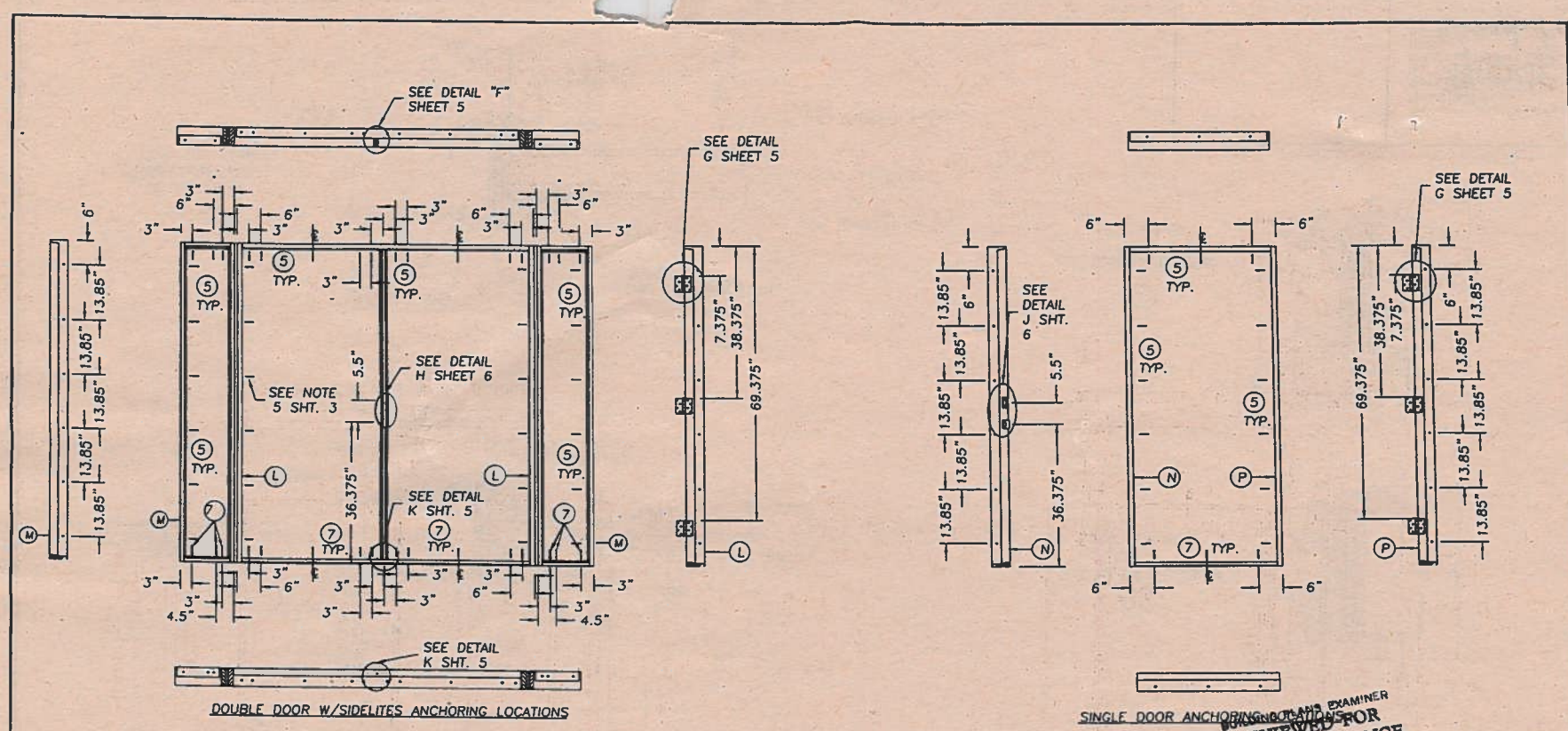
RW BUILDING CONSULTANTS, INC. 813.659.9197

PRODUCT: O/S OPAQUE STEEL DOOR DOUBLE & SINGLE UNITS W & W/O SIDELITES

PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

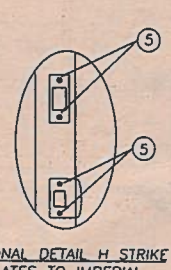
REVISIONS			
NO	DATE		BY
1	12/11/02	UPDATED DRAWING & ADD TRINITY FRAME	RGF

JELD-WEN, INC.
3125 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

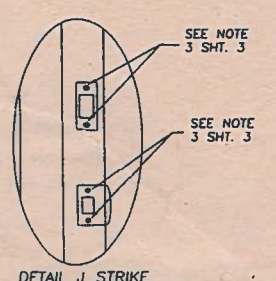


DOUBLE DOOR W/SIDELITES ANCHORING LOCATIONS

SINGLE DOOR ANCHORING LOCATIONS



OPTIONAL DETAIL H STRIKE
PLATES TO IMPERIAL ASTRAGAL



DETAIL J STRIKE
PLATES TO JAMBS
SEE NOTE 5 SHT. 4

BUILDING & PLANS EXAMINER
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON JOB
APR 07 2003
Building & Zoning Inspection Div-Jax., FL.
Examiner Signature
License No.

Approved as complying with the Florida Building Code
Date JAN 16 2003
NOA: C2-1211.12
Miami-Dade Product Control Division
By

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: O/S OPAQUE STEEL DOOR DOUBLE & SINGLE UNITS W & W/O SIDELITES
PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

NO.	DATE	REVISIONS	BY
1	12/11/02	UPDATED DRAWING & ADD TRINITY FRAME	ROF

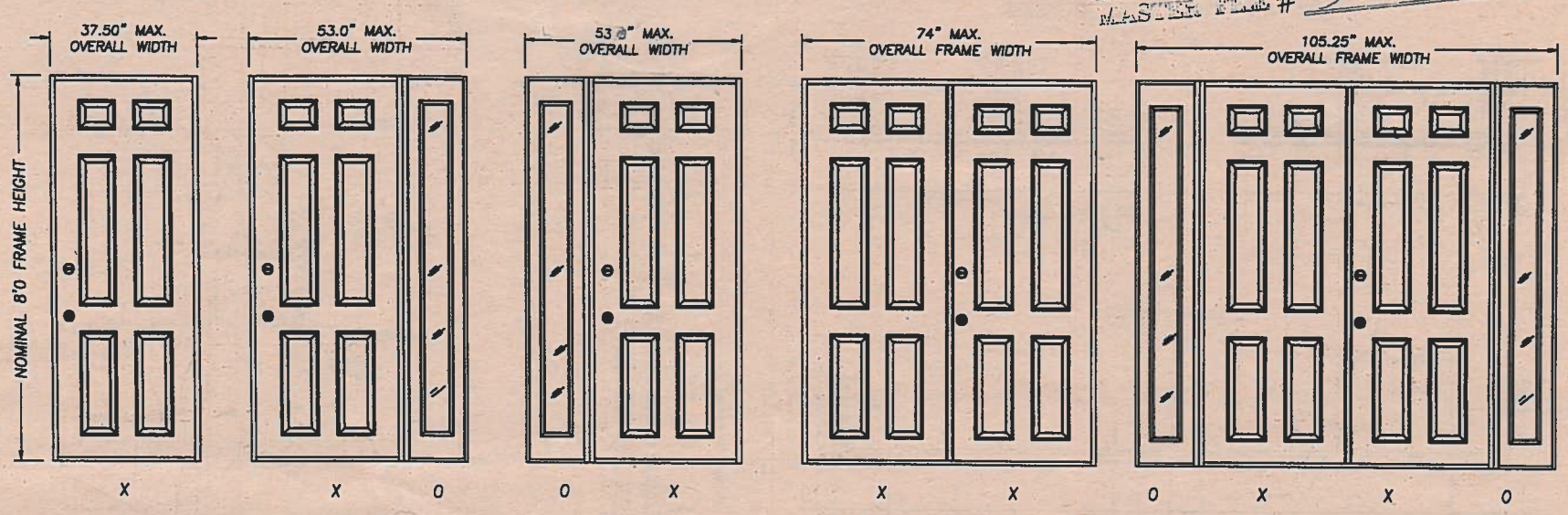
RW BUILDING CONSULTANTS, INC
813.659.9197

DATE: 9/25/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: DC2005
SHEET 6 OF 8

DoorCraft® ENERGY SAVER

WOOD EDGE OPAQUE INSULATED STEEL DOOR
OUT-SWING / IN-SWING 6-0 UNITS W/ & W/OUT SIDELITES

MANUFACTURER NAME
Jeld Wen
MASTER FILE # 3



DESIGN PRESSURE RATING
OUT / IN-SWING POS. 60.0 NEG. 60.0

DESIGN PRESSURE RATING
OUT / IN-SWING POS. 60.0 NEG. 60.0

DESIGN PRESSURE RATING
OUT / IN-SWING POS. 60.0 NEG. 60.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT / IN-SWING POS. 60.0 NEG. 60.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT / IN-SWING POS. 43.0 NEG. 43.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT / IN-SWING POS. 60.0 NEG. 60.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT / IN-SWING POS. 43.0 NEG. 43.0

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS.
3. THE SIDELITES REQUIRE WINDBORNE DEBRIS EXTERNAL PROTECTION AS DESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE WHEN USED IN WINDBORNE DEBRIS AREAS.
4. FOR INSWING MASONRY ANCHORING SEE SHEET 2 OF 4.
5. FOR OUTSWING MASONRY ANCHORING SEE SHEET 3 OF 4.
6. FOR INSWING/OUTSWING WOOD STUD ANCHORING SEE SHEET 4 OF 4.

PRODUCT DESCRIPTION

1. THE DOOR FACE SHEETS ARE 24 GA. (0.020") MIN. THICKNESS.
2. THE STILES AND RAILS ARE WOOD CONSTRUCTION.
3. THE INTERIOR DOOR CAVITY IS EXPANDED POLYSTYRENE.
4. THE SIDELITE GLAZING IS 0.5" INSULATED GLASS BY ODL.
5. THE WOOD JAMBS ARE A MIN. 4-9/16".
6. THE THRESHOLD IS AN ALUMINUM BUMP FACE TYPE (OUTSWING) OR AN ALUMINUM SADDLE TYPE (INSWING).
*7. THE IMPERIAL ASTRAGAL USES A 9.0" LONG x 0.3125" DIA. ASTRAGAL ROD TOP & BOTTOM, AND (5) 4.5" LONG x 0.5625" THK. ALUMINUM ROD SLIDE BARS. THERE IS (1) ALUMINUM BAR TOP & BOTTOM & (3) IN THE CENTER.
8. ALL LATCHBOLT AND DEADBOLT HARDWARE MUST BE CYLINDRICAL GRADE II WITH A 161 EDGE PREP AND A MINIMUM 1.0" DEADBOLT THROW.

JUNE 28, 2002

Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive Lutz, FL 33558

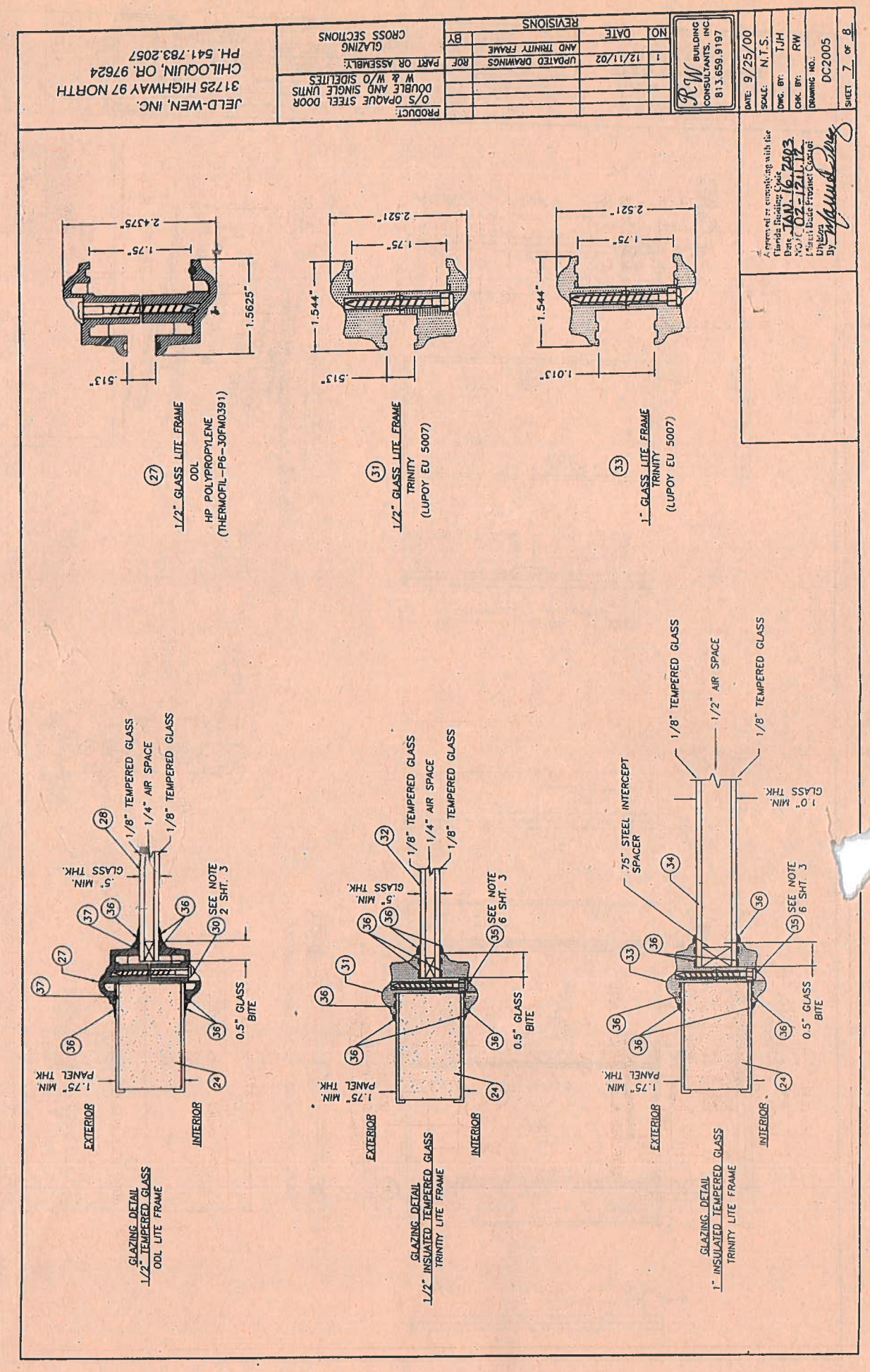
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

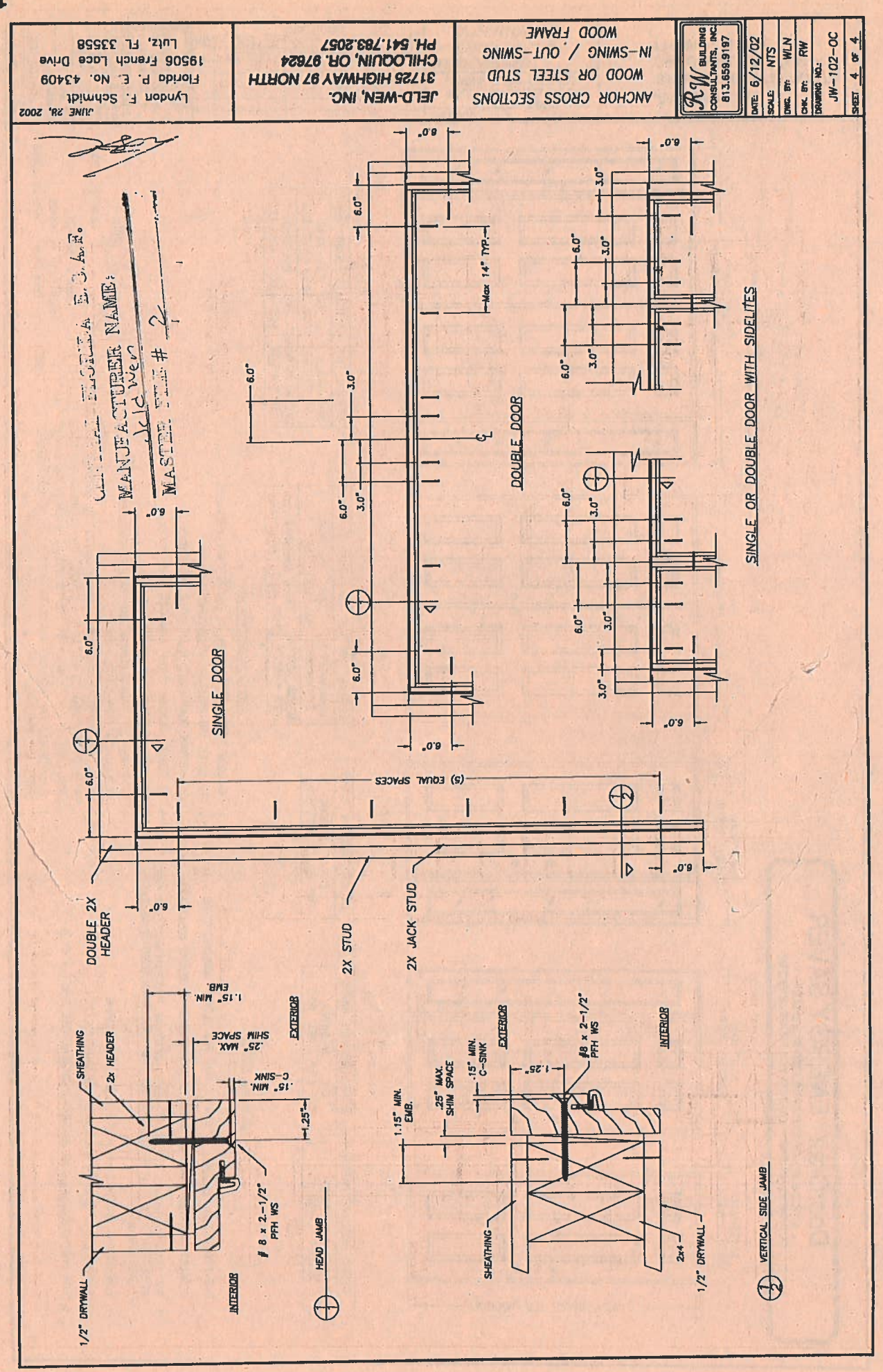
PRODUCT: ENERGY SAVER WOOD EDGE STEEL DOOR OPAQUE W/WO SIDELITES
PART OR ASSEMBLY: GENERAL NOTES & TYPICAL ELEVATIONS

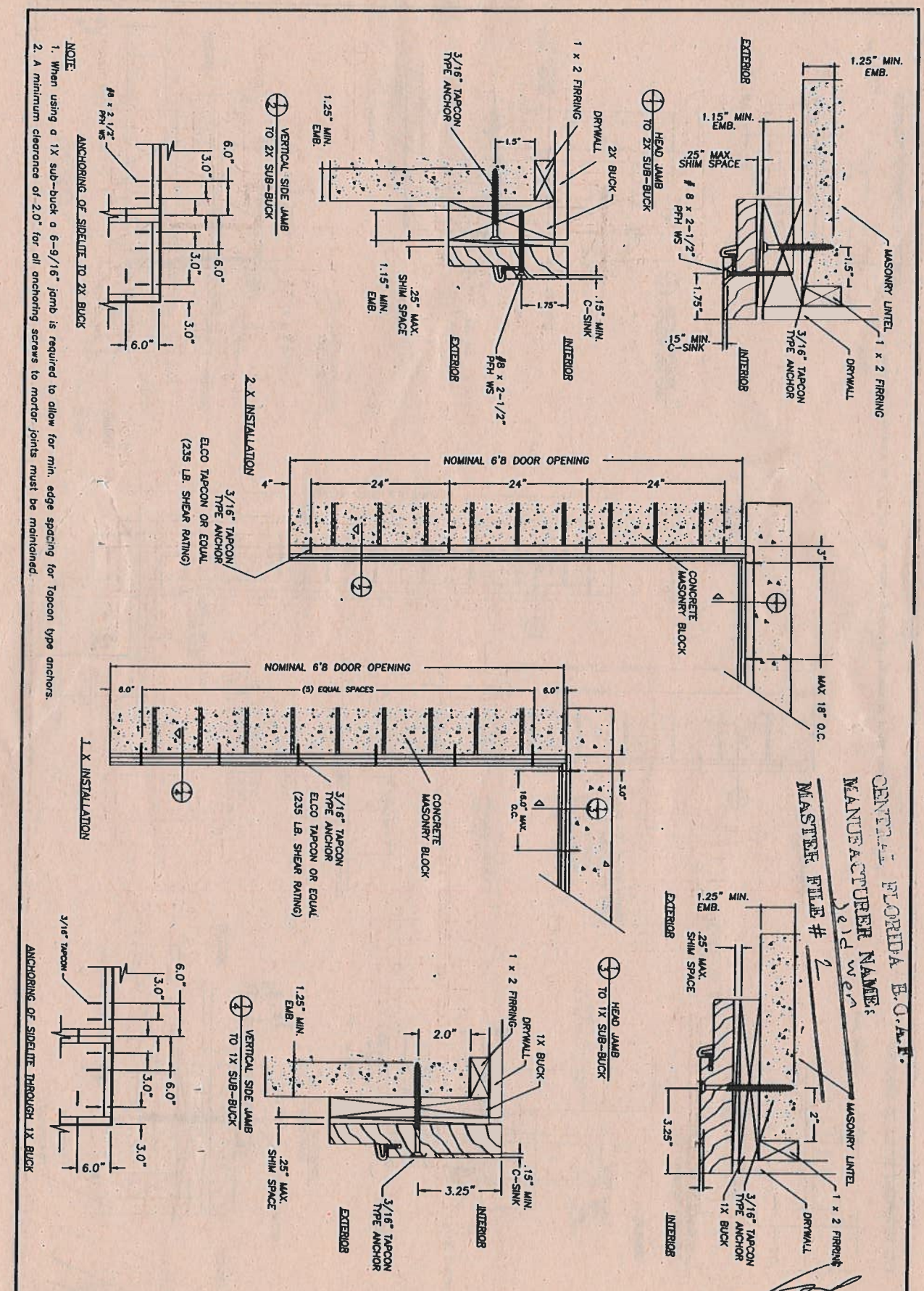
NO.	DATE	REVISIONS	BY
1	6/28/02	ADDED HARDWARE NOTE	TJH

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 6/12/02
SCALE: N.T.S.
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-103-OC
SHEET 1 OF 4


JELD-WEN, INC.
3175 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057
PRODUCT:
O/S OPAQUE STEEL DOOR
DOUBLE AND SINGLE UNITS
W & W/O SIDELITES
PART OR ASSEMBLY:
GLAZING
CROSS SECTIONS
REVISIONS
NO
DATE
UPDATED DRAWINGS AND TRINITY FRAME
BY
RW BUILDING CONSULTANTS, INC. 813.659.9197
DATE: 9/25/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO. DC2005
SHEET 7 OF 8
A permit or exemption with the Florida Building Code Date: JAN 16 2003 Exp. Date: 1.16.2004 Lic. Number: EXEMPT Uniform
By
1/2" GLASS LITE FRAME
ODL
HP POLYPROPYLENE
(THERMOFIL-P6-30FW0391)
1/2" GLASS LITE FRAME
TRINITY
(LUPOY EU 5007)
1" GLASS LITE FRAME
TRINITY
(LUPOY EU 5007)
2.375"
1.75"
1.5625"
.513"
2.521"
1.544"
1.013"
1/8" TEMPERED GLASS
1/4" AIR SPACE
1/2" AIR SPACE
.5" MIN. GLASS THK.
1.0" MIN. GLASS THK.
.75" STEEL INTERCEPT SPACER
SEE NOTE 2 SHT. 3
SEE NOTE 6 SHT. 3
0.5" GLASS BITE
1.75" MIN. PANEL THK.
EXTERIOR
INTERIOR
GLAZING DETAIL
1/2" TEMPERED GLASS
ODL LITE FRAME
GLAZING DETAIL
1/2" INSULATED TEMPERED GLASS
TRINITY LITE FRAME
GLAZING DETAIL
1" INSULATED TEMPERED GLASS
TRINITY LITE FRAME


JELD-WEN, INC.
3175 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057
ANCHOR CROSS SECTIONS
WOOD OR STEEL STUD
IN-SWING / OUT-SWING
WOOD FRAME
RW BUILDING CONSULTANTS, INC. 813.659.9197
DATE: 6/12/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO: JW-102-OC
SHEET 4 OF 4
June 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558
MANUFACTURER NAME:
Jeld-Wen
MASTER FILE # 2
SINGLE DOOR
DOUBLE DOOR
SINGLE OR DOUBLE DOOR WITH SIDELITES
DOUBLE 2X HEADER
2X STUD
2X JACK STUD
(5) EQUAL SPACES
Max. 14" TYP.
6.0"
3.0"
1/2" DRYWALL
SHEATHING
2x HEADER
.25" MAX. SHIM SPACE
1.15" MIN. EMB.
.15" MIN. C-SINK
1.25"
#8 x 2-1/2" PPH WS
INTERIOR
EXTERIOR
HEAD JAMB
2x4
VERTICAL SIDE JAMB



NOTE:
1. When using a 1X sub-buck a 6-9/16" jamb is required to allow for min. edge spacing for Tapcon type anchors.
2. A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

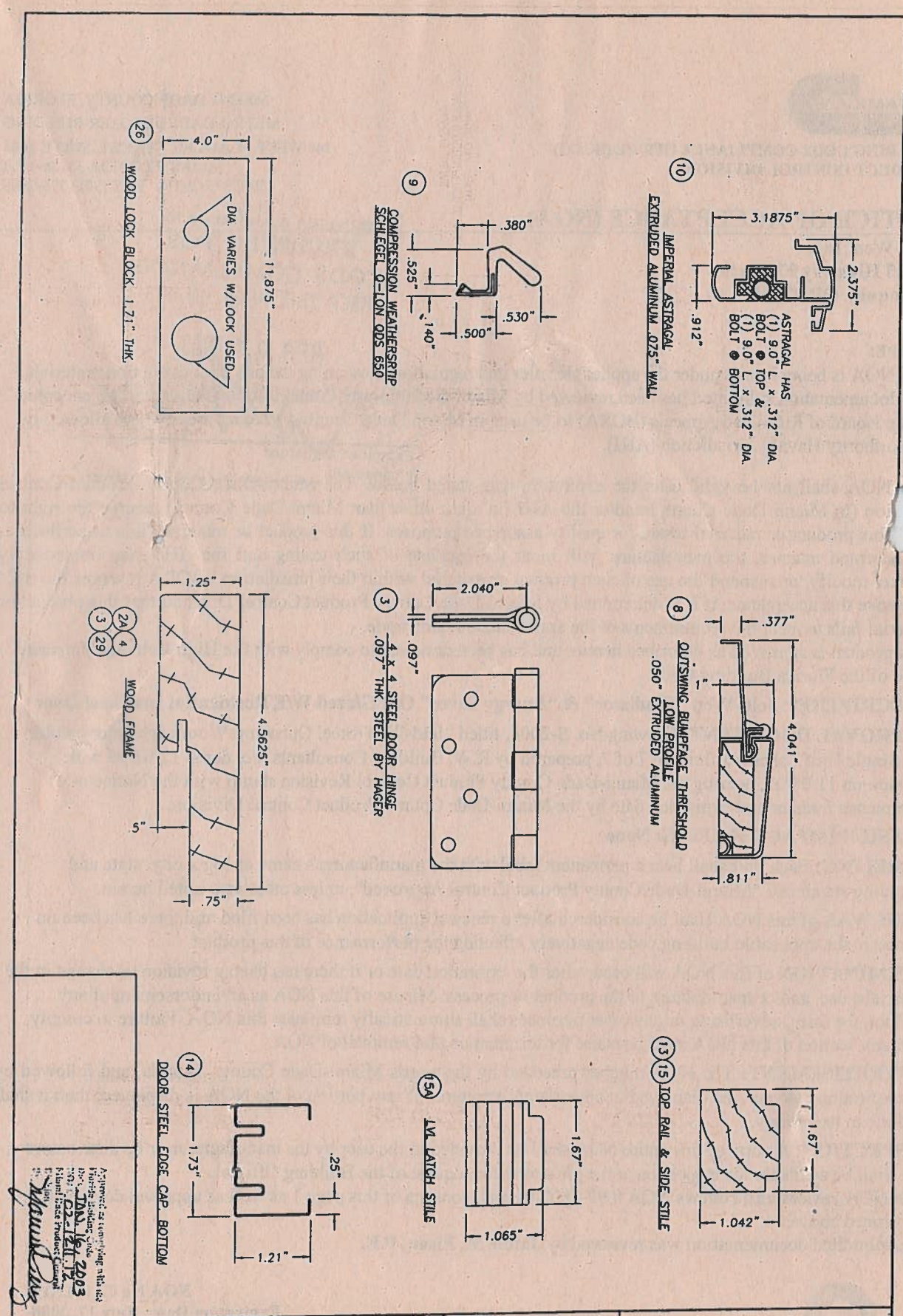
ANCHOR CROSS SECTIONS
MASONRY 6'8
OUT-SWING WOOD FRAME

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE:	6/12/02
SCALE:	NTS
DWG. BY:	WLN
CHK. BY:	RW
DRAWING NO.:	JW-102-OC
SHEET	3 of 4



Architect or Licensed Building Designer
Florida License No.
Date: JAN 16, 2003
Expiration Date: 02-16-12
Product Name: Jeld Wen Product Group
Signature:

RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE:	9/25/00		
SCALE:	NTS		
DWG. BY:	TJH		
CHK. BY:	RW		
DRAWING NO.:	DC2005		
SHEET	8 of 8		

NO.	DATE	REVISIONS	BY
	12/11/02	UPDATED DRAWING & ADD TRINITY FRAME	ROF

PRODUCT: O/S OPAQUE STEEL DOOR DOUBLE & SINGLE UNITS W & W/O SIDELITES

PART OR ASSEMBLY: UNIT COMPONENTS

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Jeld-Wen, Inc.
31725 Highway 97 North
Chiloquin. OR 97624

BUILDING PLANS EXAMINER
REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB

APR 07 2003

Building & Zoning Construction Division
Examiner Signature
License No.

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.
This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Jeld-Wen "Gladiator" & "Energy Saver" O/S Glazed W/E Residential Ins. Steel Door

APPROVAL DOCUMENT: Drawing No. **S-2004**, titled "Jeld-Wen Steel Outswing Woodedge Door Double and Single Unit", sheets 1 through 7 of 7, prepared by R.W. Building Consultants Inc, dated 12/01/99 with revision on 11/08/02, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: 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", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

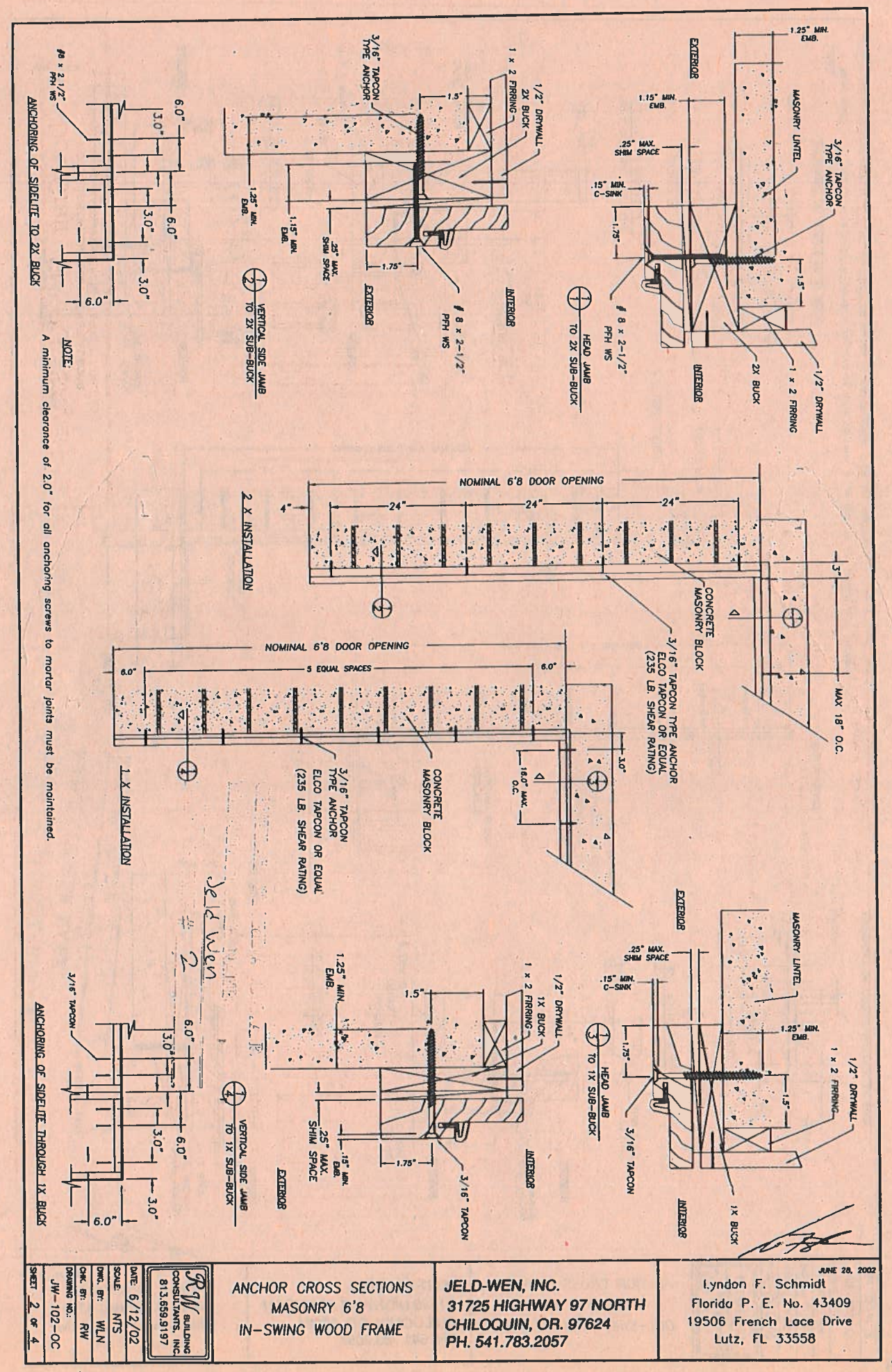
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA 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 NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA **revises and renews NOA # 99-1007.01** and, consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Jaime M. Eisen, P.E.**

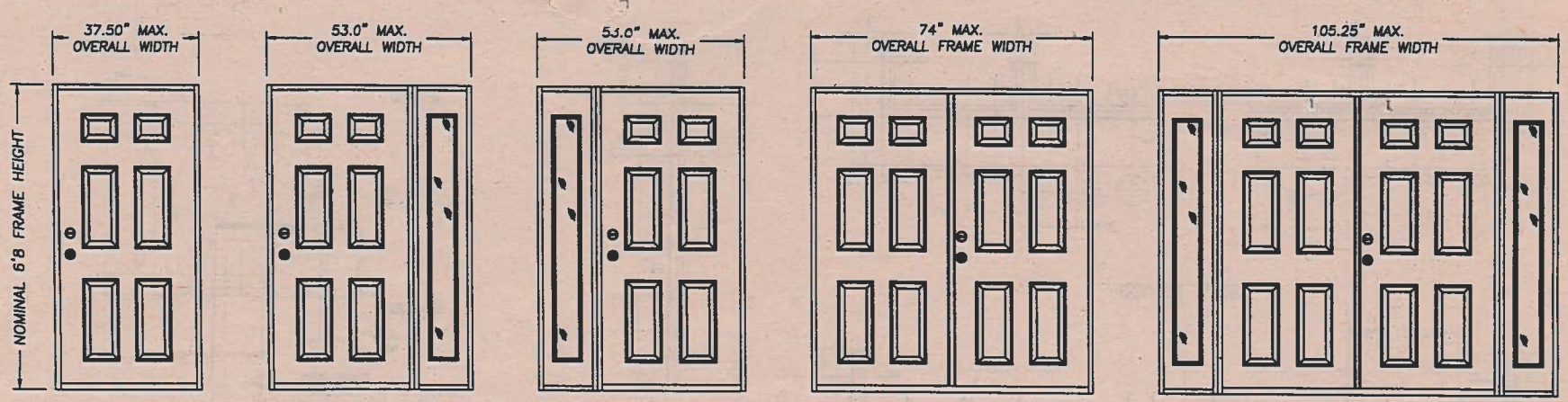
PRODUCT CONTROL APPROVED

NOA No 02-1211.10
Expiration Date: July 17, 2008
Approval Date: January 23, 2003
Page 1



DoorCraft® ENERGY SAVER

WOOD EDGE OPAQUE INSULATED STEEL DOOR
OUT-SWING / IN-SWING 6-8 UNITS W/ & W/OUT SIDELITES



DESIGN PRESSURE RATING
OUT / IN-SWING POS. 70.0 NEG. 70.0

DESIGN PRESSURE RATING
OUT / IN-SWING POS. 70.0 NEG. 70.0

DESIGN PRESSURE RATING
OUT / IN-SWING POS. 70.0 NEG. 70.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT / IN-SWING POS. 70.0 NEG. 70.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT / IN-SWING POS. 57.0 NEG. 57.0

ASTRAGAL TYPE	DESIGN PRESSURE RATING
WINDJAMBER II BY GENESIS	OUT / IN-SWING POS. 70.0 NEG. 70.0
IMPERIAL ASTRAGAL SEE * BELOW	OUT / IN-SWING POS. 57.0 NEG. 57.0

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS.
3. THE SIDELITES REQUIRE WINDBORNE DEBRIS EXTERNAL PROTECTION AS DESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE WHEN USED IN WINDBORNE DEBRIS AREAS.
4. FOR INSWING MASONRY ANCHORING SEE SHEET 2 OF 4.
5. FOR OUTSWING MASONRY ANCHORING SEE SHEET 3 OF 4.
6. FOR INSWING/OUTSWING WOOD STUD ANCHORING SEE SHEET 4 OF 4.

PRODUCT DESCRIPTION

1. THE DOOR FACE SHEETS ARE 24 GA. (0.020") MIN. THICKNESS.
2. THE STILES AND RAILS ARE WOOD CONSTRUCTION.
3. THE INTERIOR DOOR CAVITY IS EXPANDED POLYSTYRENE.
4. THE SIDELITE GLAZING IS 0.5" INSULATED GLASS BY ODL.
5. THE WOOD JAMBS ARE A MIN. 4-9/16".
6. THE THRESHOLD IS AN ALUMINUM BUMP FACE TYPE (OUTSWING) OR AN ALUMINUM SADDLE TYPE (INSWING).
7. * THE IMPERIAL ASTRAGAL USES A 9.0" LONG x 0.3125" DIA. ASTRAGAL ROD TOP & BOTTOM. AND (5) 4.5" LONG x 0.5625" THK. ALUMINUM ROD SLIDE BARS. THERE IS (1) ALUMINUM BAR TOP & BOTTOM & (3) IN THE CENTER.
8. ALL LATCHBOLT AND DEADBOLT HARDWARE MUST BE CYLINDRICAL GRADE II WITH A 161 EDGE PREP AND A MINIMUM 1.0" DEADBOLT THROW.

STATE OF FLORIDA PLAN
MANUFACTURER NAME
Jeld Wen
PLAN #
2

JUNE 28, 2002

Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

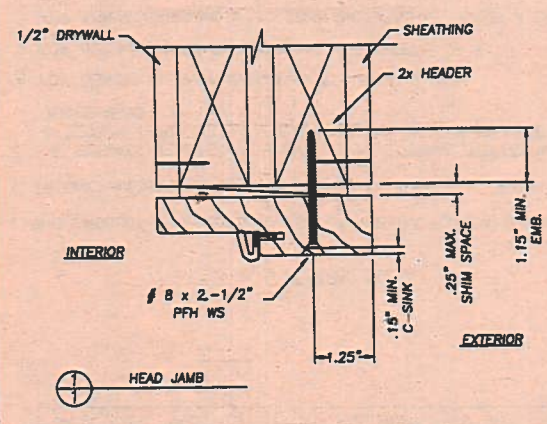
PRODUCT: ENERGY SAVER WOOD EDGE STEEL DOOR OPAQUE W/WO SIDELITES

PART OR ASSEMBLY: GENERAL NOTES & TYPICAL ELEVATIONS

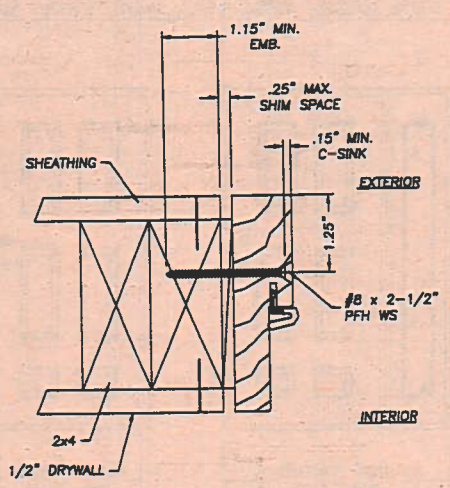
NO.	DATE	REVISIONS	BY
1	6/28/02	ADDED HARDWARE NOTE	TJH

RW BUILDING CONSULTANTS, INC.
813.659.9197

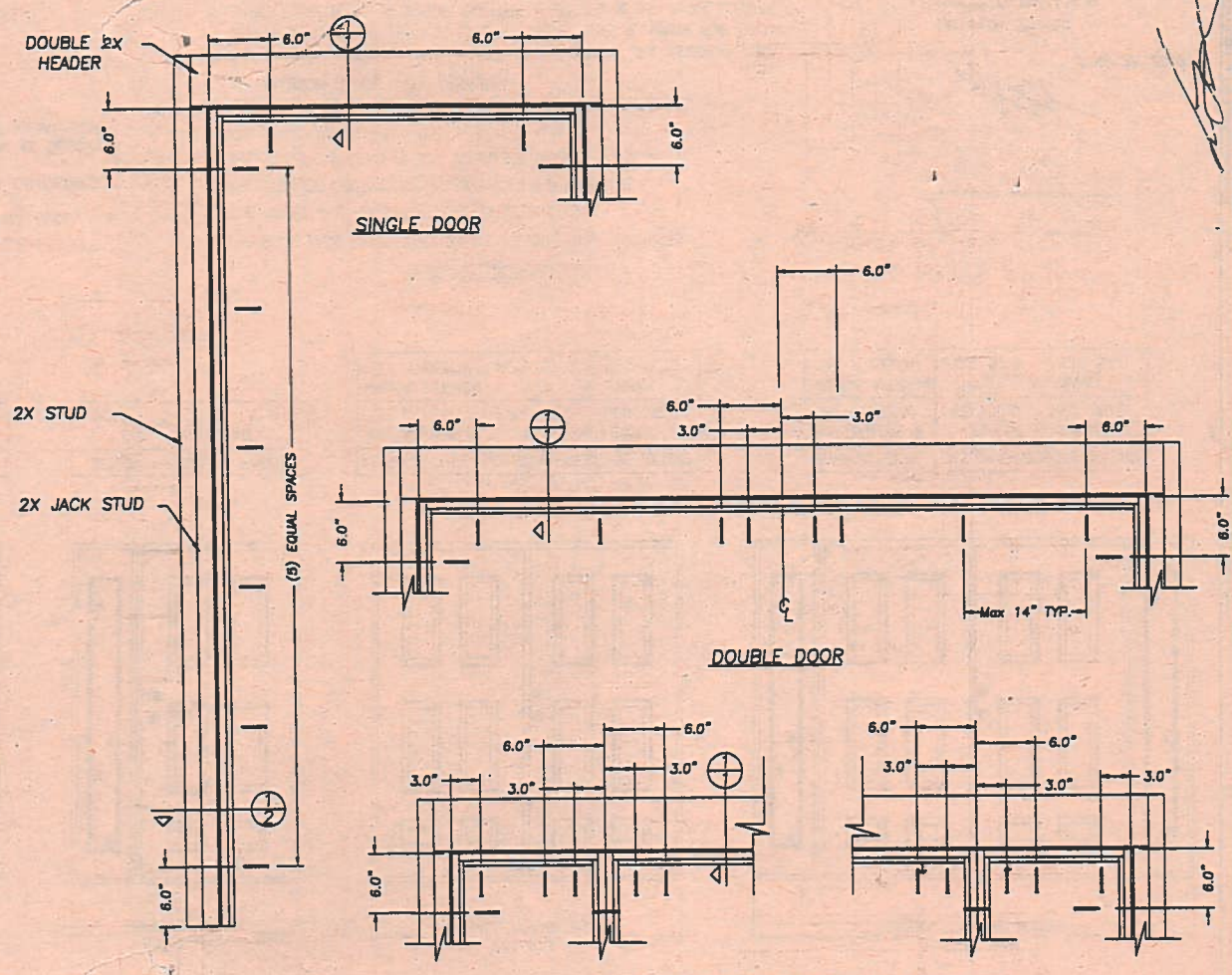
DATE: 6/12/02
SCALE: N.T.S.
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-102-OC
SHEET 1 OF 4



HEAD JAMB



VERTICAL SIDE JAMB



SINGLE OR DOUBLE DOOR WITH SIDELITES

CENTRAL FLORIDA B.C.A.B.

MANUFACTURER NAME: Jeld Wen

MASTER FILE # 1

JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

ANCHOR CROSS SECTIONS
WOOD OR STEEL STUD
IN-SWING / OUT-SWING
WOOD FRAME

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE:	6/05/02
SCALE:	NTS
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	JW-101-OC
SHEET	4 OF 4

JELD-WEN® STEEL

GLADIATOR and ENERGY SAVER
OUTSWING WOODEDGE STEEL DOOR WITH WOOD FRAMES

GENERAL NOTES

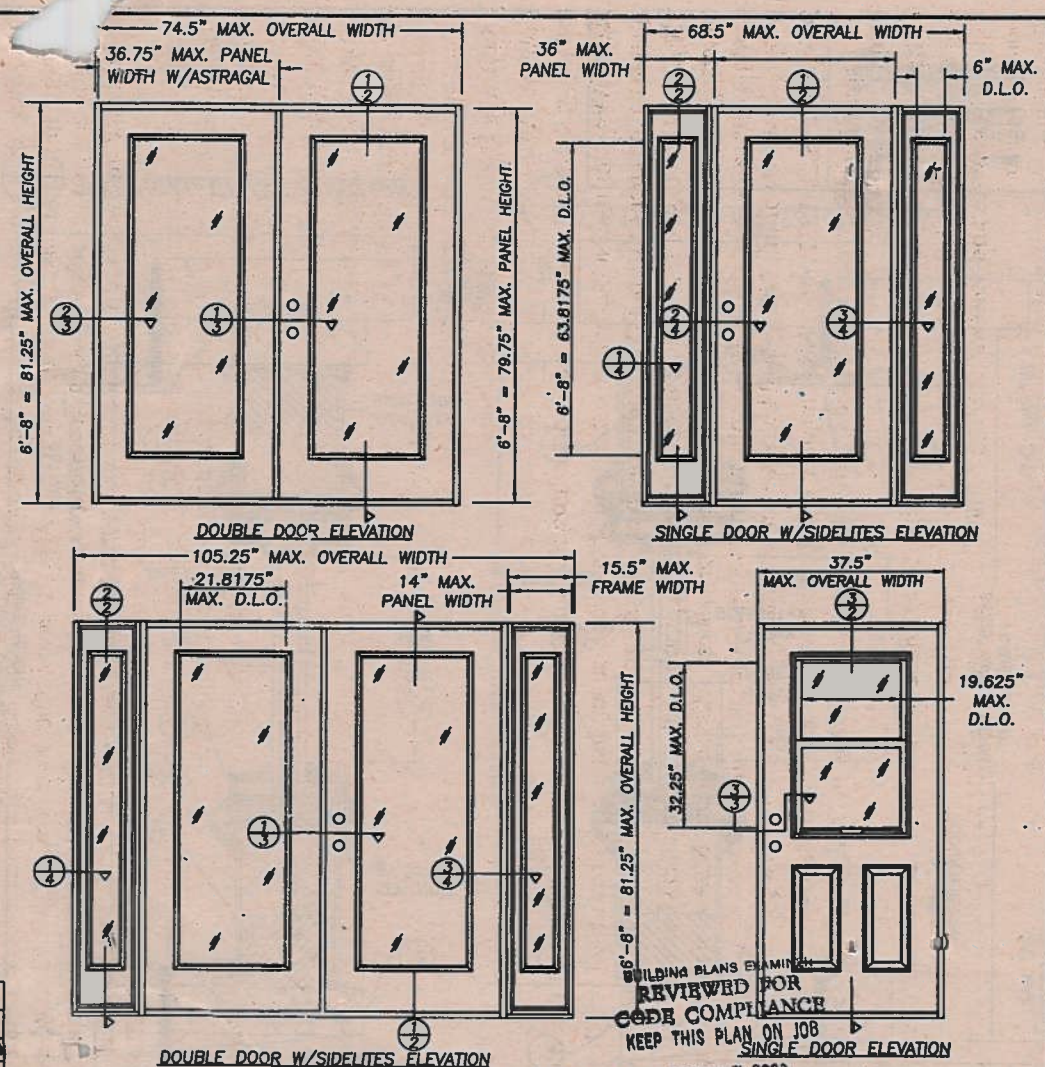
1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. IMPACT RESISTANT SHUTTERS REQUIRED.
5. DESIGNED PRESSURE RATING SHALL BE AS FOLLOWS: -SEE DESIGN PRESSURE RATING TABLE SHEET ONE.
6. SIDELITES ARE AN OPTION AND CAN BE IN A SINGLE OR DOUBLE CONFIGURATION.
7. THIS SYSTEM DOES MEET THE WATER REQUIREMENTS IN MIAMI-DADE COUNTY.

RESIDENTIAL INSULATED STEEL DOOR
(Common to all frame conditions)

Door Leaf Construction:
Face sheets: 24 ga. (0.021") minimum thickness, 25 ga. (0.018") minimum thickness, galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength Fy(ave.)=24,600 psi.
Core design: Expanded polystyrene with 1.0 to 1.25 lbs. density.
Construction: Steel face sheets glued to expanded polystyrene (EPS), with wood rails and laminated veneerd lumber stiles and a wood lock block reinforcement.
Frame Construction: The head jambs and side jambs finger jointed pine measuring 4.5625" x 1.25". The head and side jambs are mortised, butted and joined using (3) 7/8" x 2" wire staples. The threshold used is an aluminum outswing bumpface measuring 4.625" 1".

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATION)
2	VERTICAL CROSS SECTIONS
3	HORIZONTAL CROSS SECTIONS 1/3, 2/3 & 3/3
4	HORIZONTAL CROSS SECTIONS 1/4, 2/4 & 3/4
5	ANCHORING LOCATIONS
6	ANCHORING LOCATIONS & DOOR MODELS
7	BILL OF MATERIALS & GLAZING DETAILS



GLAZED DOOR SHOWN FOR CLARITY OF VIEW (VIEWED INTERIOR)

DESIGN PRESSURE RATING	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	+ 50.0 PSF
NEGATIVE	- 46.0 PSF

BUILDING PLANS EXAMINED
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON JOB
DEC 05 2003
Building & Zoning Inspection Div. Jax.
Examiner Signature
License No.
PRODUCT REVIEWED as complying with the Florida Building Code
Acceptance No. 02-1211.10
Expiration Date 03/15/08
By
Miami-Dade County Building Control Division

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

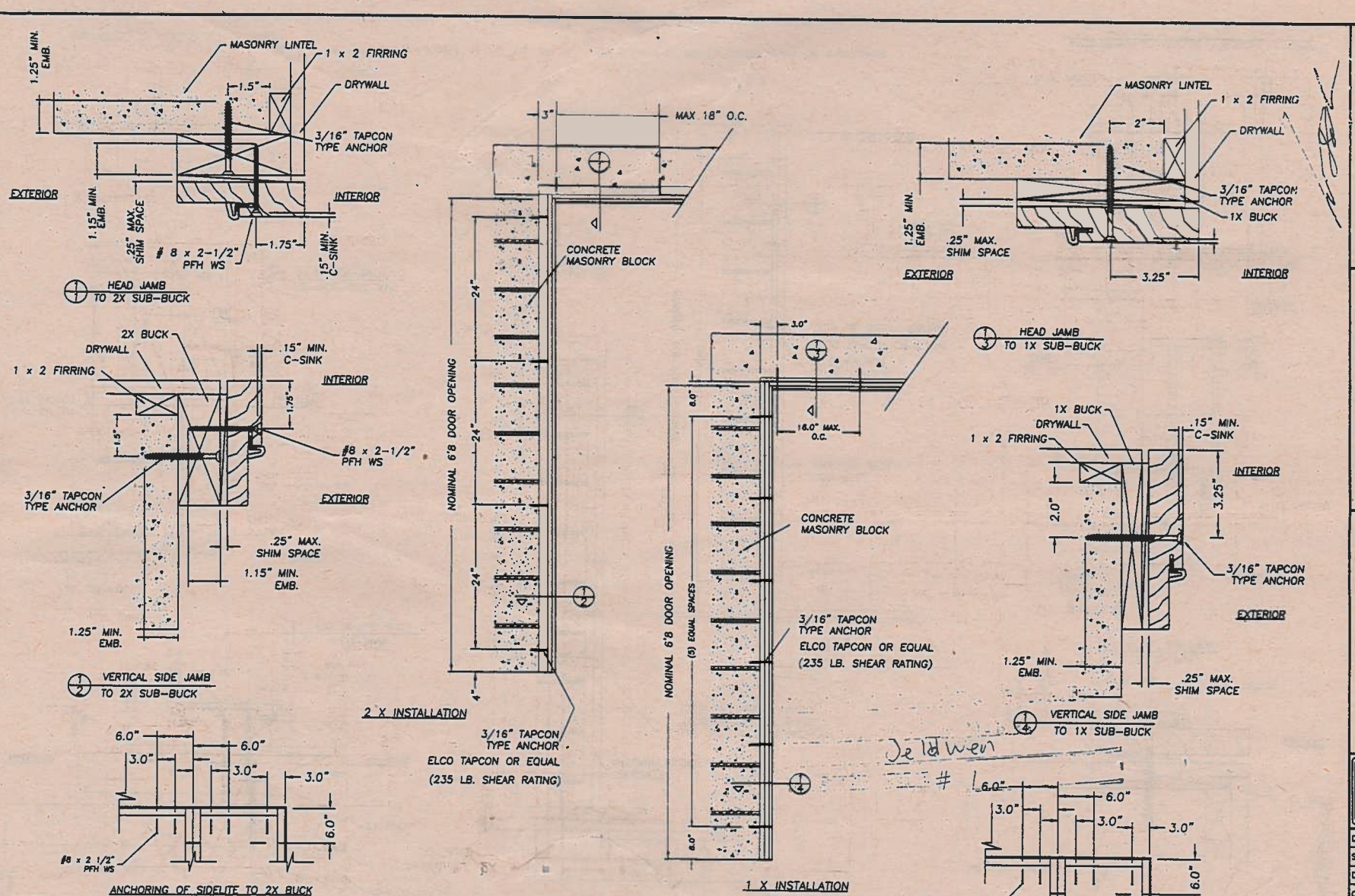
PRODUCT: JELD-WEN STEEL OUTSWING WOODEDGE DOOR DOUBLE AND SINGLE UNIT
PART OR ASSEMBLY: W/AND W/OUT SIDELITES GLAZED ELEVATIONS

NO.	DATE		BY
2	11/08/02	GENERAL REVISION	KMN
1	6/29/00	GENERAL REVISION	TJH

REVISIONS

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 12/01/99
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2004
SHEET 1 OF 7



NOTE:
1. When using a 1X sub-buck a 6-9/16" jamb is required to allow for min. edge spacing for Tapcon type anchors.
2. A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

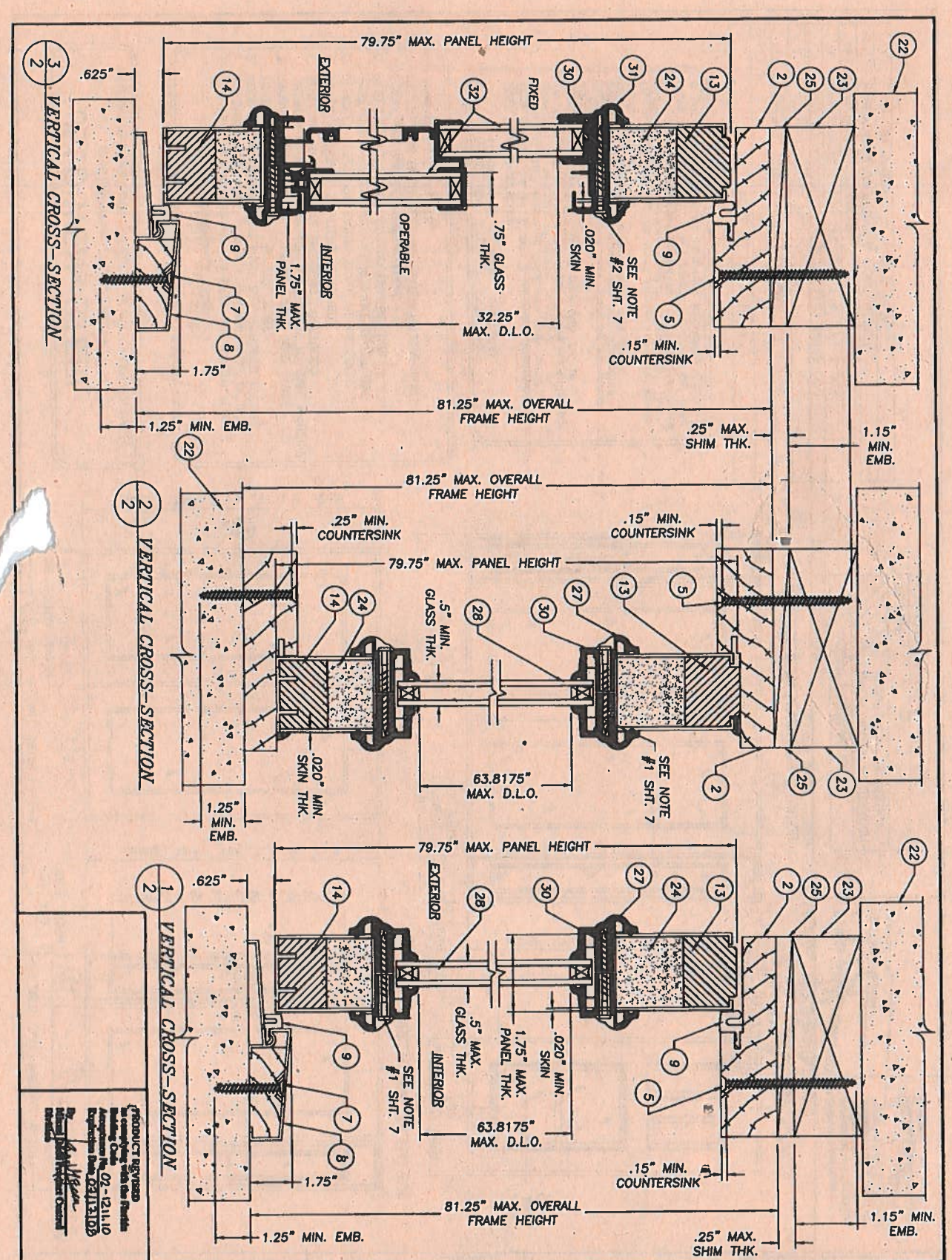
JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

ANCHOR CROSS SECTIONS
MASONRY 6'8
OUT-SWING WOOD FRAME

RW BUILDING CONSULTANTS, INC.
813.659.9197

DATE: 6/05/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-101-OC
SHEET 3 OF 4



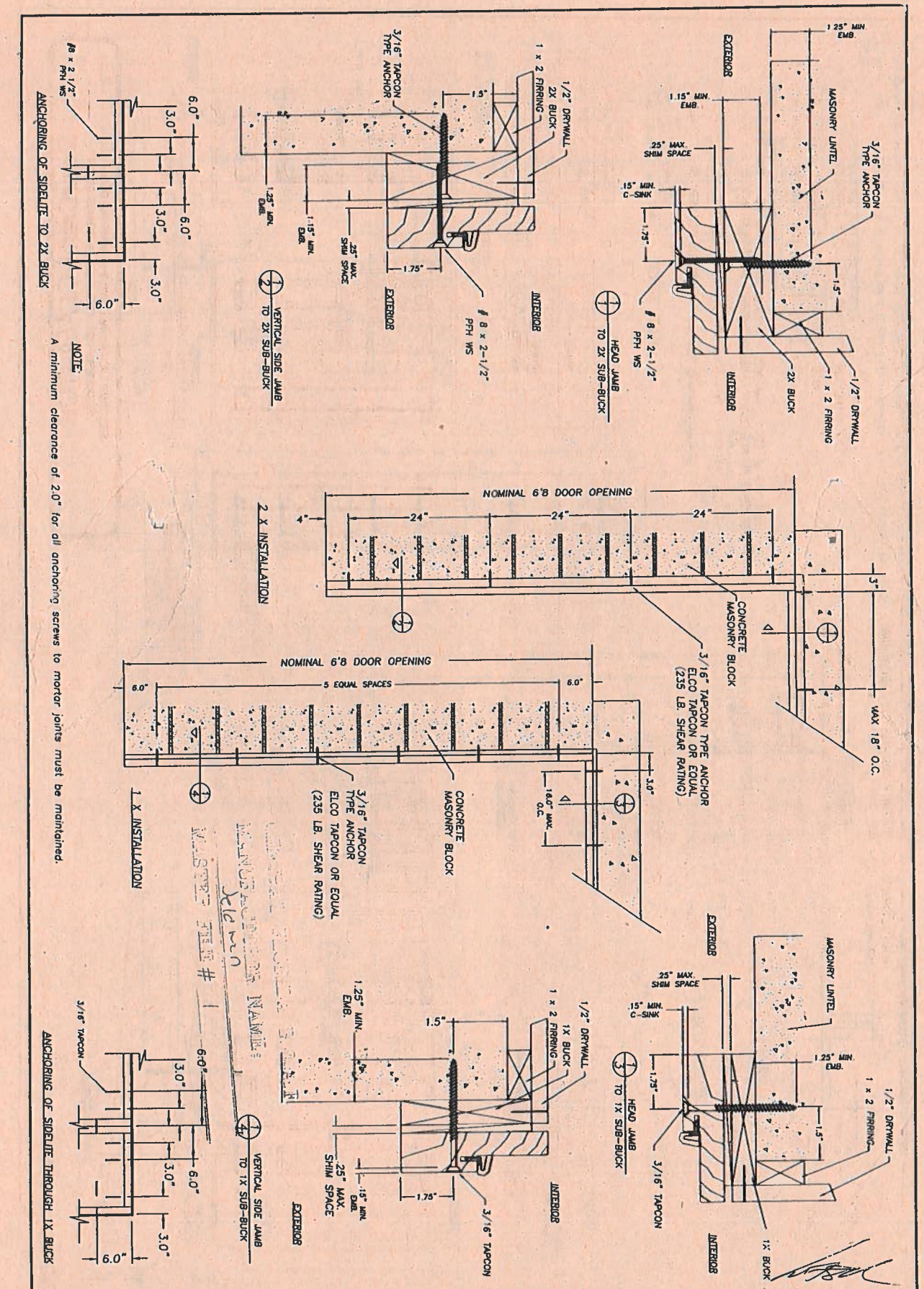
3	11/08/02	GENERAL REVISION	KMN	
2	6/28/00	GENERAL REVISION	TJH	
1	6/27/00	GENERAL REVISION	TJH	
NO.	DATE	REVISIONS	BY	

RW BUILDING CONSULTANTS, INC. 813.884.3831

DATE: 12/01/99
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2004
SHEET 2 OF 7

PRODUCT: JELD-WEN STEEL OUTSWING WOODEDGE DOOR DOUBLE AND SINGLE UNIT
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057



NOTE:
A minimum clearance of 2.0" for all anchoring screws to mortar joints must be maintained.

RW BUILDING CONSULTANTS, INC. 813.539.9197

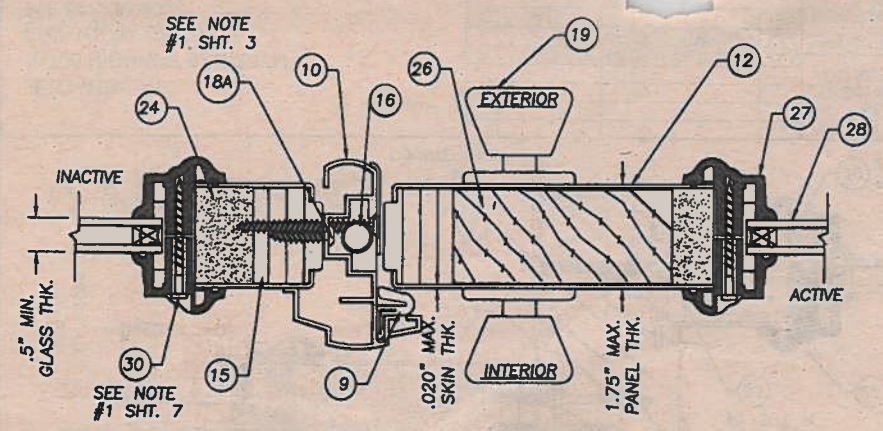
DATE: 6/05/02
SCALE: NTS
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: JW-101-OC
SHEET 2 OF 4

ANCHOR CROSS SECTIONS
MASONRY 6'8
IN-SWING WOOD FRAME

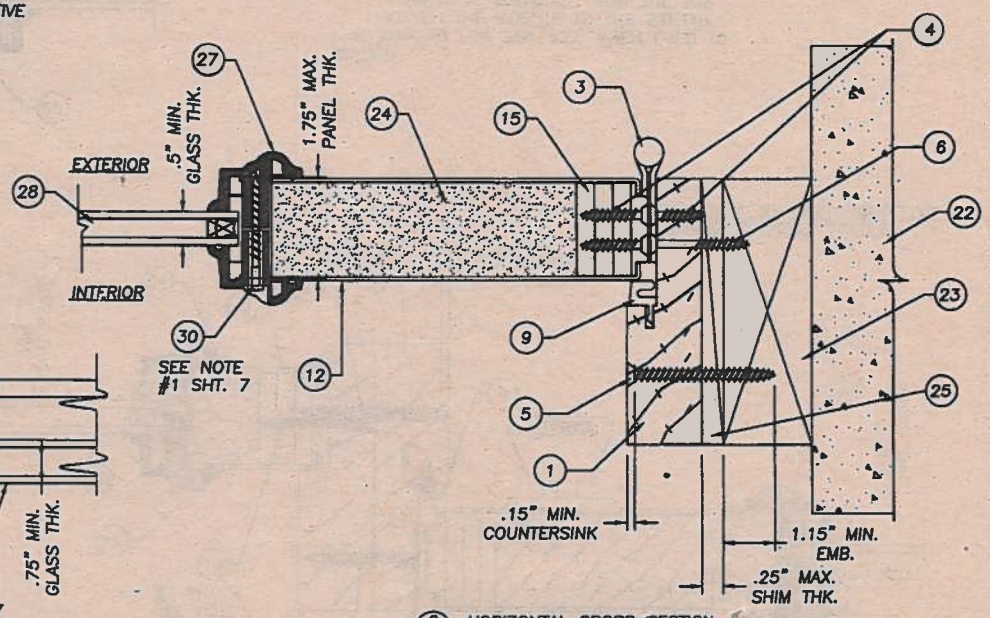
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

JUNE 28, 2002
Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive
Lutz, FL 33558

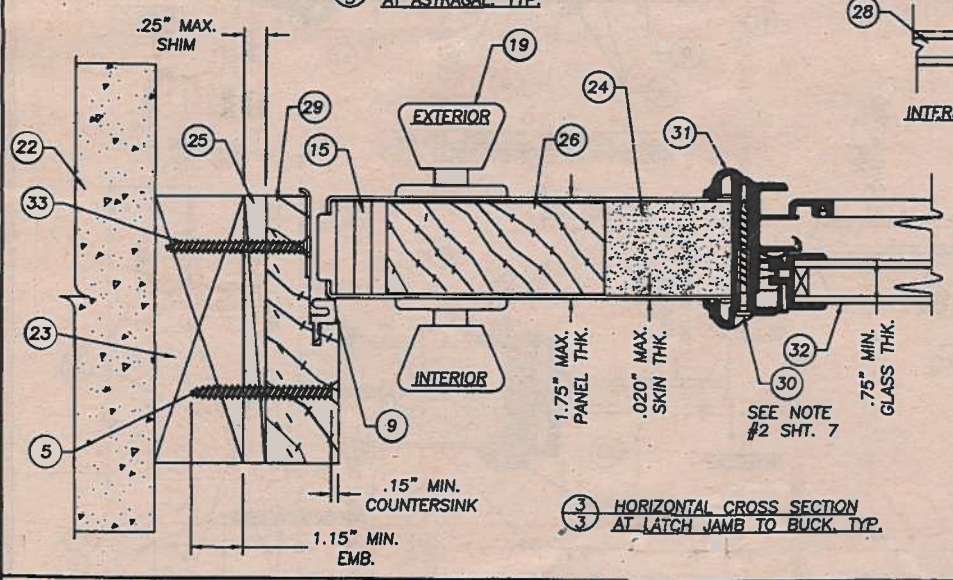
NOTES:
1. SPACING FOR #18A IS AS FOLLOWS: FROM TOP DOWN 1", 2 1/2", 4", 5 1/2", 13", 18" & 26". SPACING FROM THE BOTTOM UP IS THE SAME.
2. ATTACH THE STRIKE PLATE AND THE DEADBOLT PLATE TO THE ASTRAGAL USING A #8 x 2" LG. PHILLIPS FLATHEAD SCREW.



1/3 HORIZONTAL CROSS SECTION AT ASTRAGAL, TYP.



2/3 HORIZONTAL CROSS SECTION AT HINGE JAMB TO BUCK, TYP.



3/3 HORIZONTAL CROSS SECTION AT LATCH JAMB TO BUCK, TYP.

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

NO.	DATE	REVISIONS	BY
2	11/08/02	GENERAL REVISION	KMN
1	6/29/00	GENERAL REVISION	TJH

PRODUCT: JELD-WEN STEEL OUTSWING WOODEDGE DOOR DOUBLE & SINGLE UNIT

PART OR ASSEMBLY: HORIZONTAL CROSSECTIONS 1/3, 2/3 & 3/3

RW BUILDING CONSULTANTS, INC. 813.684.3831

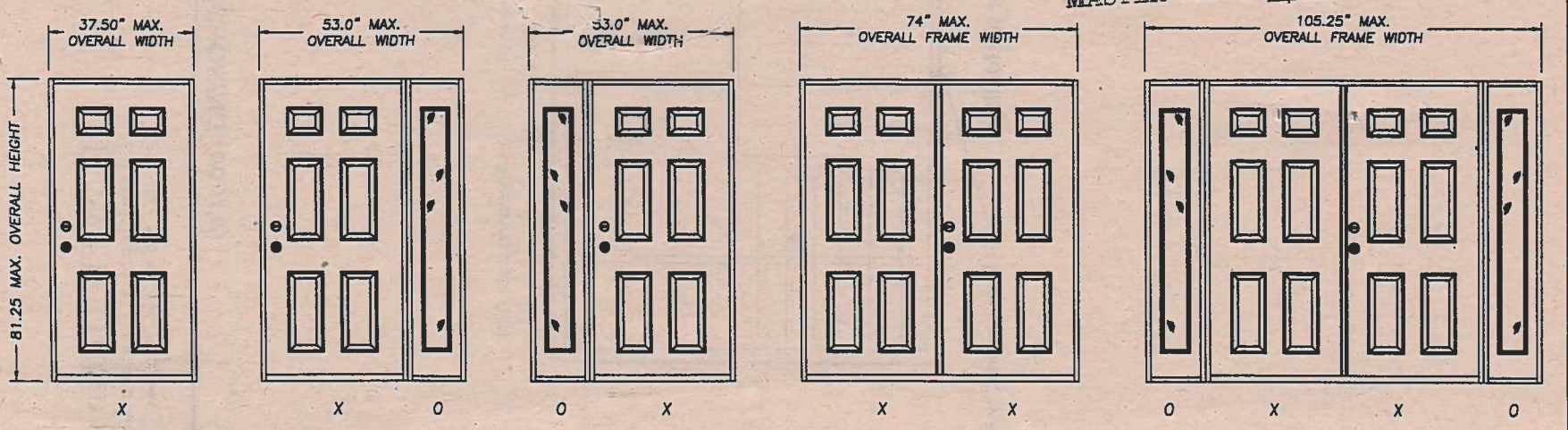
PRODUCT REVIEWED as complying with the Florida Building Code Acceptance No. 02-1211.10 Expiration Date 02-11-10 By ... Manager Product Control Division

DATE: 12/01/99
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2004
SHEET 3 OF 7

DoorCraft® GLADIATOR

WOOD EDGE OPAQUE INSULATED STEEL DOOR
OUT-SWING / IN-SWING 6-8 UNITS W/ & W/OUT SIDELITES

CENTRAL FLORIDA B.O.A.F.
MANUFACTURER NAME: Jeld Wen
MASTER FILE # 1



DESIGN PRESSURE RATING		
OUT-SWING	POS. 53.0	NEG. 57.0
IN-SWING	POS. 48.0	NEG. 48.0

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS.
3. THE SIDELITES REQUIRE WINDBORNE DEBRIS EXTERNAL PROTECTION AS DESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE WHEN USED IN WINDBORNE DEBRIS AREAS.
4. FOR INSWING MASONRY ANCHORING SEE SHEET 2 OF 4.
5. FOR OUTSWING MASONRY ANCHORING SEE SHEET 3 OF 4.
6. FOR INSWING/OUTSWING WOOD STUD ANCHORING SEE SHEET 4 OF 4.

PRODUCT DESCRIPTION

1. THE DOOR FACE SHEETS ARE 25 GA. (0.018") MIN. THICKNESS.
2. THE STILES AND RAILS ARE WOOD CONSTRUCTION.
3. THE INTERIOR DOOR CAVITY IS EXPANDED POLYSTYRENE.
4. THE SIDELITE GLAZING IS 0.5" INSULATED GLASS BY ODL.
5. THE WOOD JAMBS ARE A MIN. 4-9/16".
6. THE THRESHOLD IS AN ALUMINUM BUMP FACE TYPE (OUTSWING) OR AN ALUMINUM SADDLE TYPE (INSWING).
7. ALL LATCHBOLT AND DEADBOLT HARDWARE MUST BE CYLINDRICAL GRADE II WITH A 161 EDGE PREP AND A MINIMUM 1.0" DEADBOLT THROW.

JUNE 28, 2002

Lyndon F. Schmidt
Florida P. E. No. 43409
19506 French Lace Drive Lutz, FL 33558

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

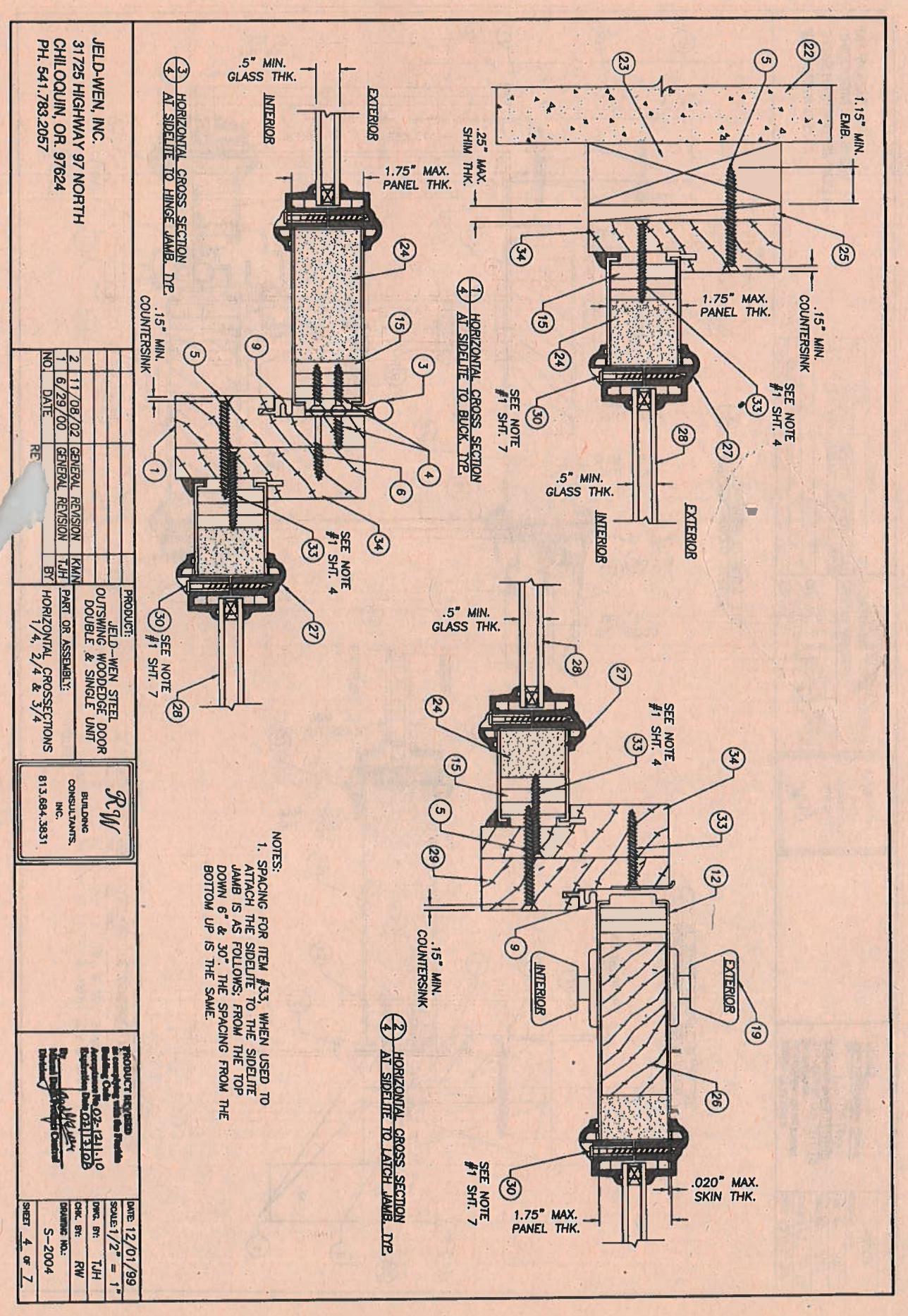
PRODUCT: GLADIATOR WOOD EDGE STEEL DOOR OPAQUE W/WO SIDELITES

PART OR ASSEMBLY: GENERAL NOTES & TYPICAL ELEVATIONS

NO.	DATE	REVISIONS	BY
1	6/28/02	ADDED HARDWARE NOTE	TJH

RW BUILDING CONSULTANTS, INC. 813.659.9197

DATE: 6/05/02
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: RW
DRAWING NO.: JW-101-OC
SHEET 1 OF 4

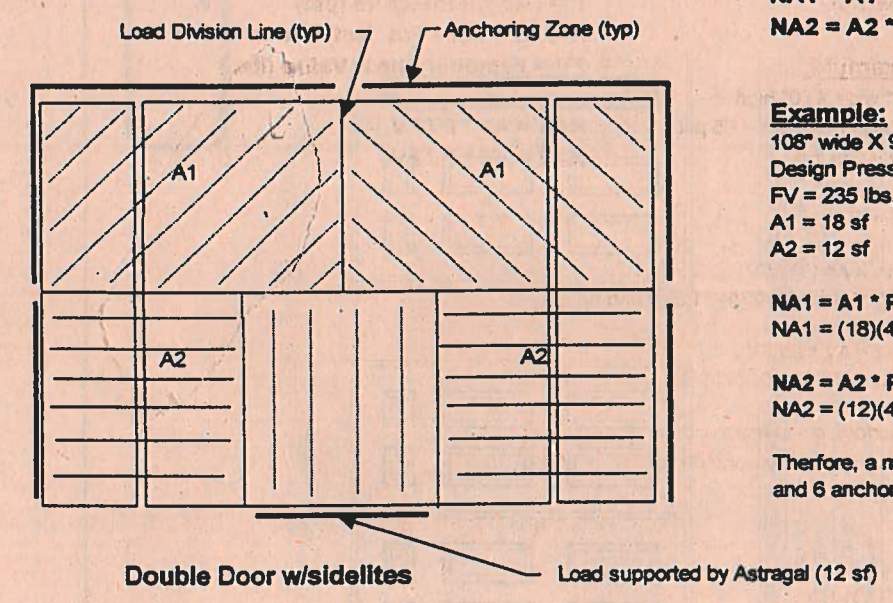


R W B C

R W Building Consultants, Inc.
Consulting and Engineering Services for the Building Industry
P.O. Box 230 Valrico, FL 33594 Phone 813.684.3831 Facsimile 813.684.3954

DOOR FRAME ANCHORING (cont'd)

Load Path Sketches:



Anchoring Formula:

NA = Number of Anchors Required per Zone
P = Design Pressure (psf)
A1, A2 = Area (sq. feet) per zone
FV = Fastener Shear Value (lbs.)

NA1 = A1 * P / FV
NA2 = A2 * P / FV

Example:
108" wide X 96" high
Design Pressure = 47 psf
FV = 235 lbs.
A1 = 18 sf
A2 = 12 sf

NA1 = A1 * P / FV
NA1 = (18)(47)/235 = 3.6 (round up to 4)

NA2 = A2 * P / FV
NA2 = (12)(47)/235 = 2.4 (round up to 3)

Therfore, a minimum of 4 anchors in each zone A1 and 6 anchors in each zone A2 are required (14 total).

6/17/2002

Lyndon F. Schmidt, P.E.
Florida License No. 43409
19506 French Lace Dr.
Lutz, FL 33558

R W B C

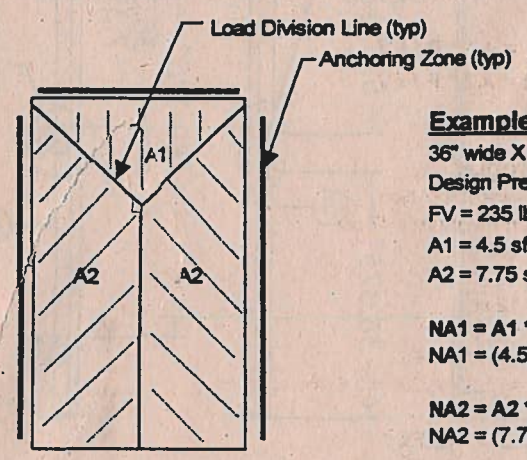
R W Building Consultants, Inc.
Consulting and Engineering Services for the Building Industry
P.O. Box 230 Valrico, FL 33594 Phone 813.684.3831 Facsimile 813.684.3954

DOOR FRAME ANCHORING

The 2001 FLORIDA BUILDING CODE requires window and door assemblies to be anchored according to the manufacturer's recommendations to achieve the design pressures specified (see Section 1707.4.4 Anchorage Methods). The sketches below represent the load paths used to calculate this anchoring.

DOOR TYPES: Single or Double (with or without sidelites)

Load Path Sketches:



Single Door

Anchoring Formula:

NA = Number of Anchors Required per Zone
P = Design Pressure (psf)
A1, A2 = Area (sq. feet) per zone
FV = Fastener Shear Value (lbs.)

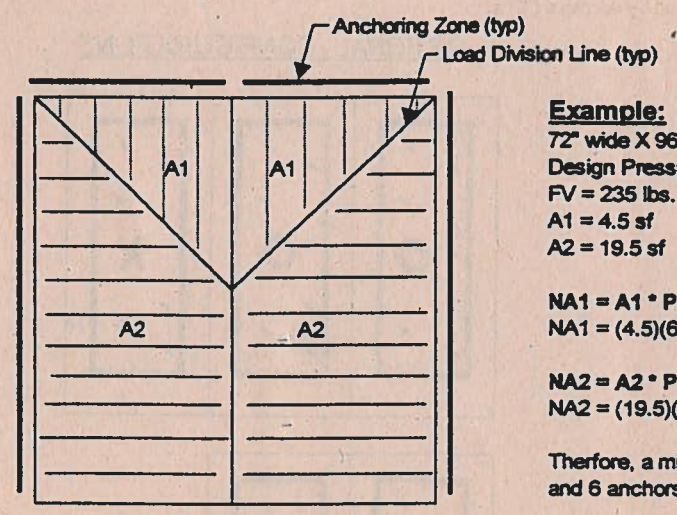
NA1 = A1 * P / FV
NA2 = A2 * P / FV

Example:
36" wide X 80" high
Design Pressure = 65 psf
FV = 235 lbs.
A1 = 4.5 sf
A2 = 7.75 sf

NA1 = A1 * P / FV
NA1 = (4.5)(65)/235 = 1.3 (round up to 2)

NA2 = A2 * P / FV
NA2 = (7.75)(65)/235 = 2.1 (round up to 3)

Therfore, a minimum of 2 anchors in zone A1 and 3 anchors in zone A2 are required (8 total).



Double Door / Single Door w/sidelites

Example:
72" wide X 96" high
Design Pressure = 65 psf
FV = 235 lbs.
A1 = 4.5 sf
A2 = 19.5 sf

NA1 = A1 * P / FV
NA1 = (4.5)(65)/235 = 1.3 (round up to 2)

NA2 = A2 * P / FV
NA2 = (19.5)(65)/235 = 5.4 (round up to 6)

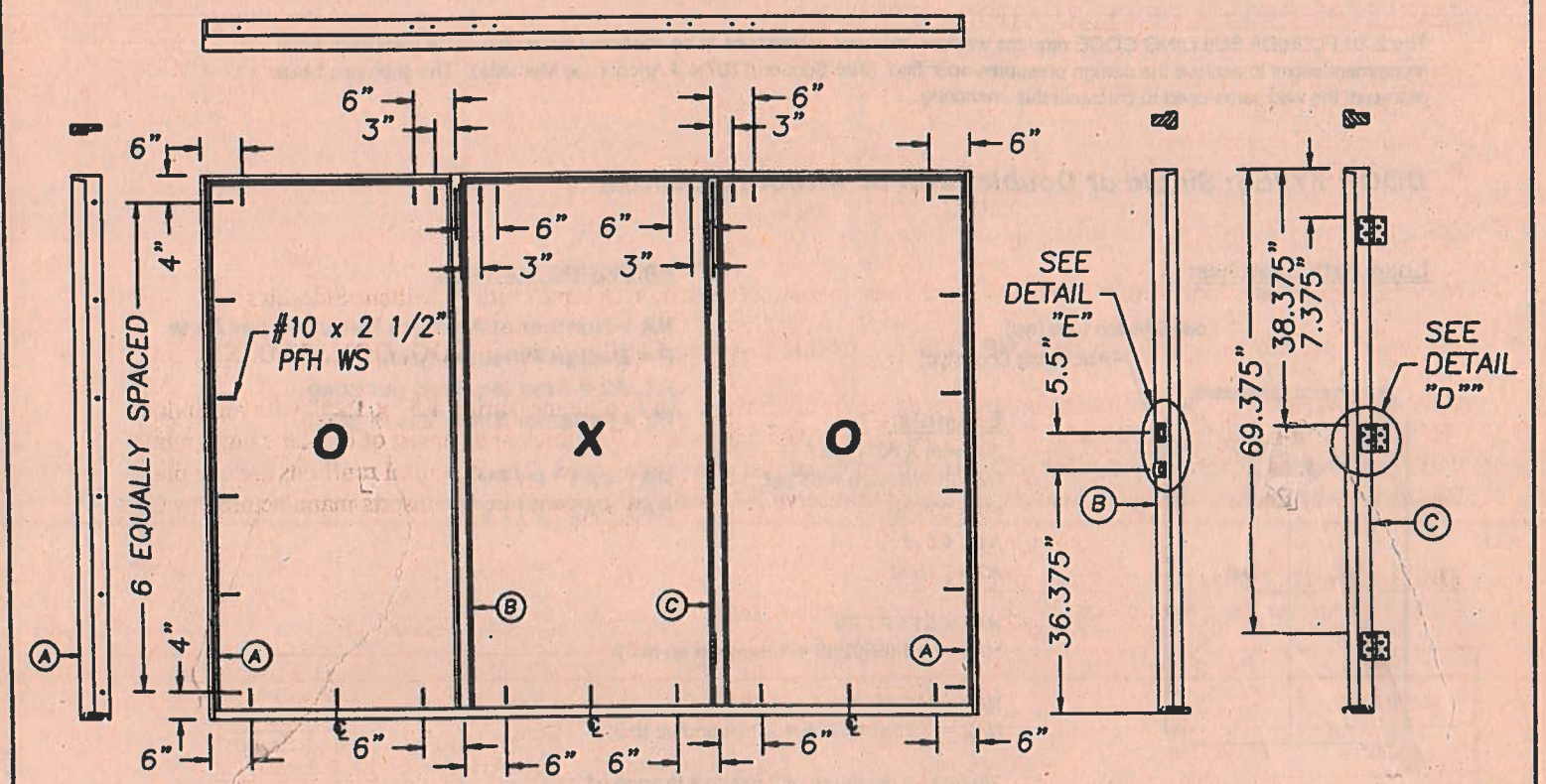
Therfore, a minimum of 2 anchors in each zone A1 and 6 anchors in each zone A2 are required (16 total).

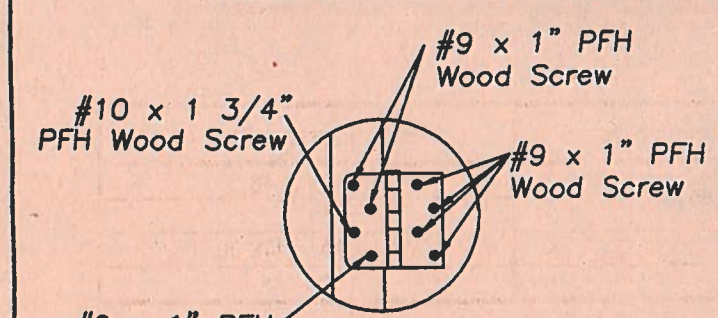
Note: A2 load is conservative since loads supported by astragal are not considered.

6/17/2002

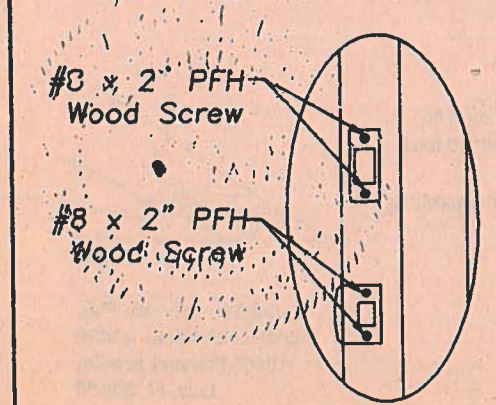
Lyndon F. Schmidt, P.E.
Florida License No. 43409
19506 French Lace Dr.
Lutz, FL 33558

DoorCraft® Gladiator® Wood Edge In-swing Steel Door
Maximum Size Up To 9'0 x 6'8



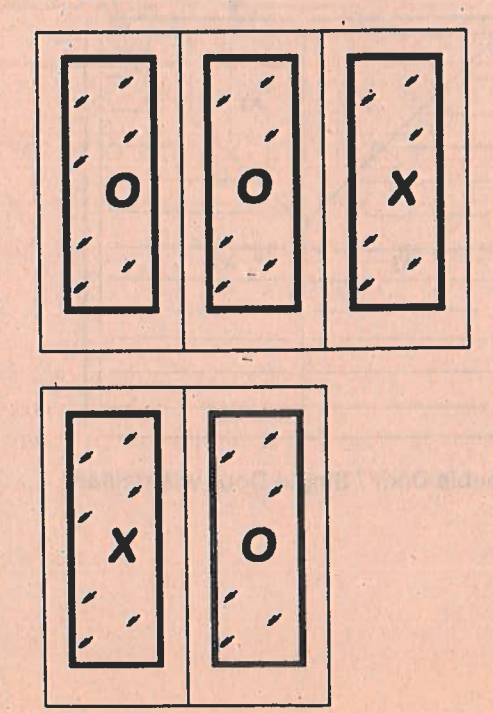


DETAIL "D"



DETAIL "E"

OPTIONAL CONFIGURATIONS



R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33594 Phone 813.684.3831 Facsimile 813.684.3831

ENGINEER'S NOTICE OF EVALUATION # GTI-166F

JELD-WEN, INC.
3250 Lakeport Blvd.
Klamath Falls, Oregon 97601
Phone 541.783.2057 Facsimile 541.783.3592

DESCRIPTION OF UNIT

Model Designation: DoorCraft®Gladiator® Steel Door In-swing (Glazed or Opaque) with or without Side-lites

Maximum Overall Nominal Size: up to 9'0 x 6'8 **Usable In-swing Configurations: XOO, OOX, OXO, XO, OX**

General Description: The continuous head and side jambs are Eastern white pine measuring 4.5" x 1.25" with an Endura #HFIB4566V In-swing triple door sill. The door panel and fixed panels are 1.75" thick and consist of two 25 gauge (min 0.018") steel skins glued to wood stiles and rails with an expanded polystyrene core. The structural mullions are one piece Eastern pine by Endura. The glazed panels are routed to receive ½" insulated tempered lip lite inserts manufactured by ODL.

FBC Section 1707 Materials and Assembly Tests:
(1707.4.3 Exterior Door Assemblies; 1707.4.5 Mullions Door Assemblies)

Test	Description	Test Location	Date	Report No.	Certifying Engineer
ASTM E330	Uniform Static Air Pressure	CTL – Orlando, Florida NCTL- Orlando, FL	May 10, 2000 September 10, 1998	CTLA456WA 210-2070-1,2,3	Ramesh Patel P.E. # 20224 Barry Portnoy, P.E. # 18258
PA 202	Forced Entry	CTL – Orlando, Florida NCTL- Orlando, FL	May 10, 2000 September 10, 1998	CTLA456WA 210-2070-1,2,3	Ramesh Patel P.E. # 20224 Barry Portnoy, P.E. # 18258
ASTM E331	** Water Penetration	CTL – Orlando, Florida NCTL- Orlando, FL	May 10, 2000 September 10, 1998	CTLA456WA 210-2070-1,2,3	Ramesh Patel P.E. # 20224 Barry Portnoy, P.E. # 18258
ASTM E283	Air Infiltration	CTL – Orlando, Florida NCTL- Orlando, FL	May 10, 2000 September 10, 1998	CTLA456WA 210-2070-1,2,3	Ramesh Patel P.E. # 20224 Barry Portnoy, P.E. # 18258

** Sidelites are considered a window and meet 15% of Positive Design Pressure water infiltration criteria under ASTM E331.

Design Pressure Ratings:

Configuration	Maximum Size	Design Pressure Ratings
Glazed Single with Fixed Lite XO, OX	Up To 6'0 x 6'8	+48.00 -48.00
Glazed Single with Fixed Lites XOO, OOX, OXO	Up To 9'0 x 6'8	+48.00 -48.00

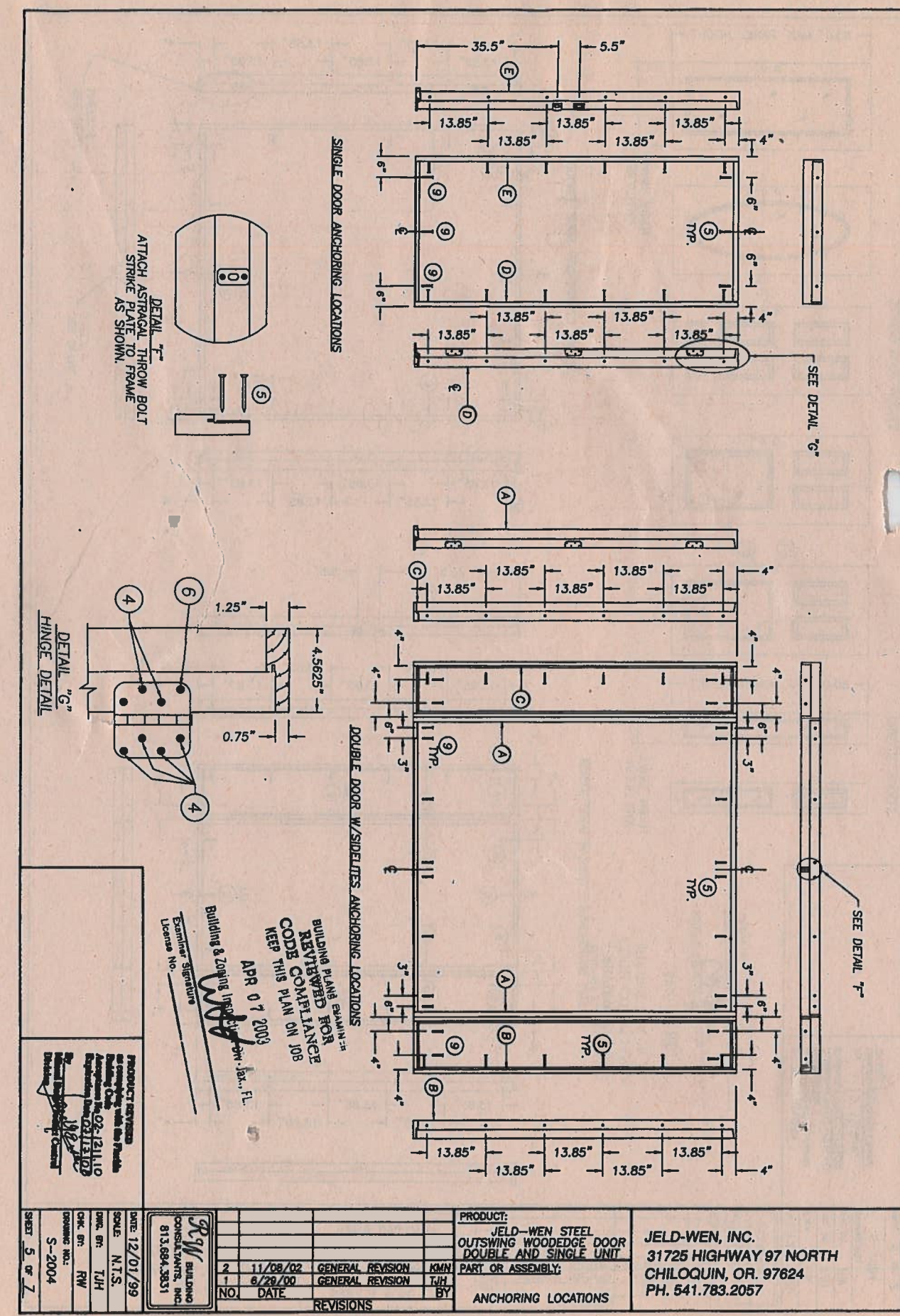
Installation and Anchoring: See reverse side this page

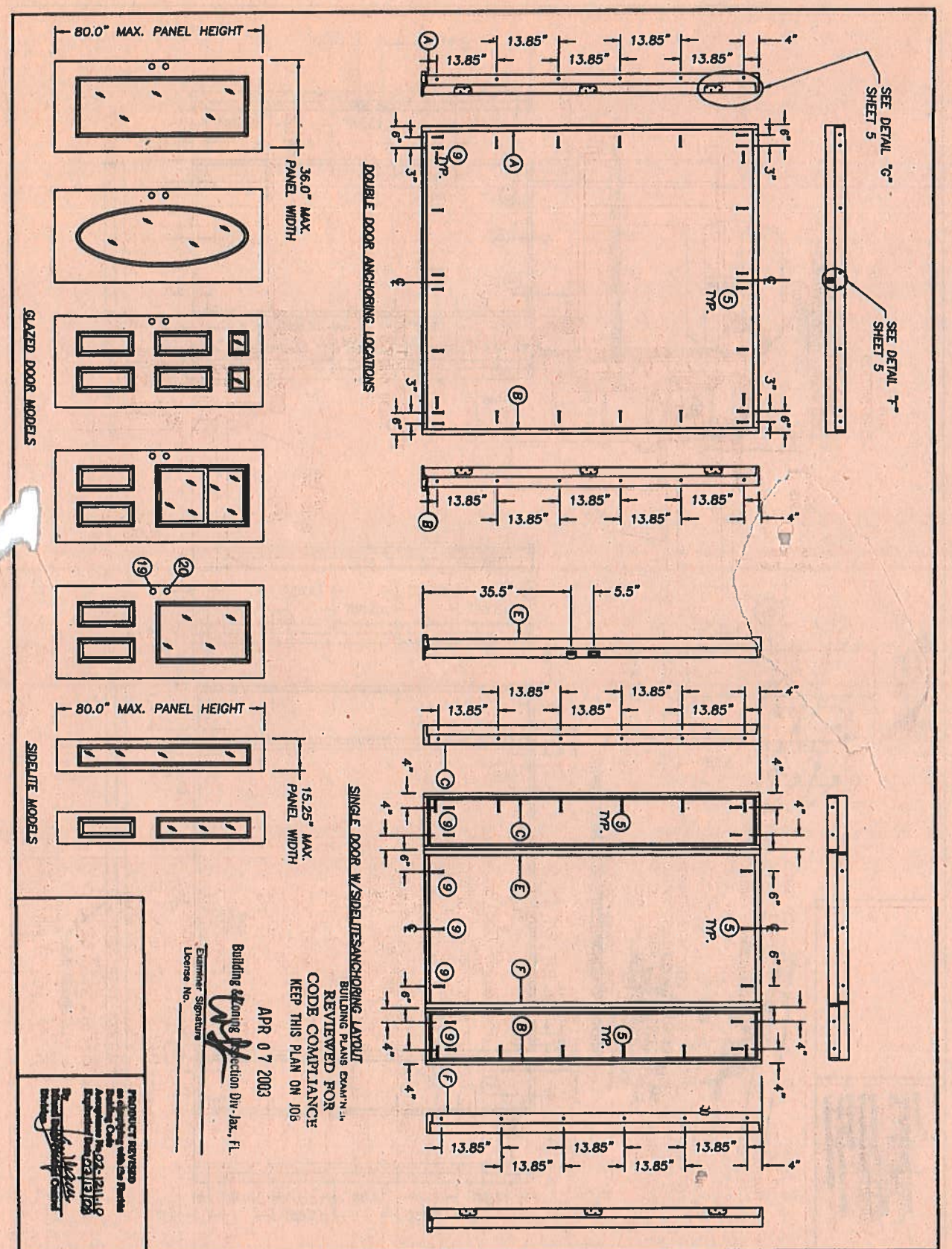
Use

1. Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by **ASCE 7 Minimum Design Loads for Buildings and Other Structures** do not exceed the design pressure ratings listed above.

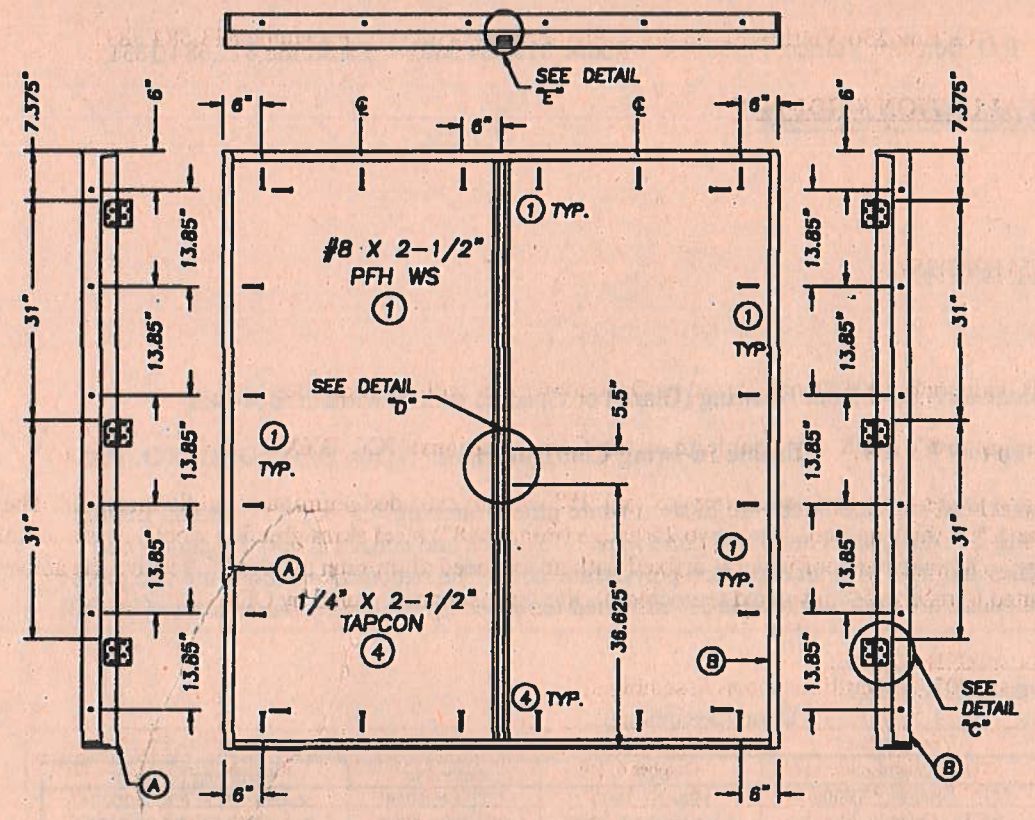
2. For Masonry installations where the sub-buck is less than 1-1/2 inches (FBC section 1707.4.4 Anchorage Methods and sub-sections 1707.4.4.1 and 1707.4.4.2) same diameter Tapcon type concrete anchors must be substituted and the length must be such that a minimum 1-1/4" engagement of the Tapcon into the masonry wall is obtained.

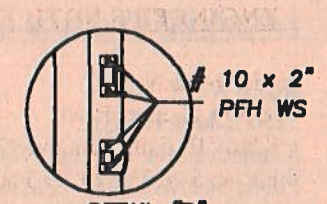
Certification:	Lyndon F. Schmidt, P.E. 19506 French Lace Drive	Florida Professional Engineer No. 43409 Lutz, FL 33558	April 8, 2002



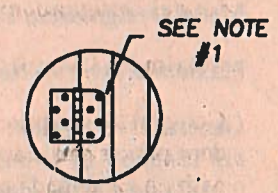


DoorCraft® Gladiator® Wood Edge In-swing Steel Door
Maximum Size Up To 8'4 x 6'8



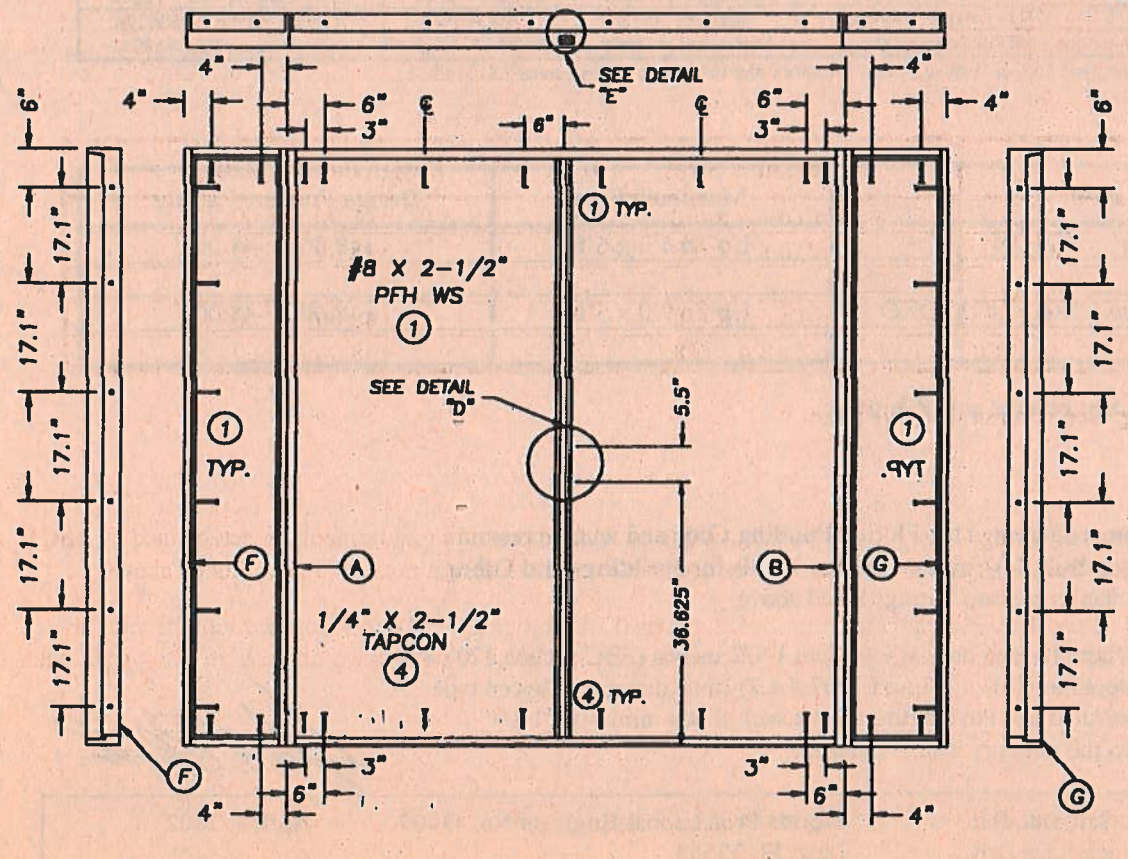


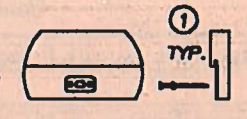
DETAIL "D"
STRIKE AND DEADBOLT PLATES TO ASTRAGAL



DETAIL "C"
HINGE TO DOOR AND FRAME

NOTE NO. 1:
WHEN ATTACHING THE HINGE JAMB TO THE SIDELITE JAMB USE A #10 x 1 1/2" PFH WS. WHEN ANCHORING THE HINGE JAMB TO SUB BUCK USE A #10 x 2" PFH WS. AND A #9 X 1" PFH WS IN THE REMAINING HOLES.





DETAIL "E"
ATTACH ASTRAGAL THROW BOLT STRIKE PLATE TO FRAME WITH 2 – #8 X 2-1/2" PFH WS

GDI 164 F

R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33594 Phone 813.684.3831 Facsimile 813.684.3831

ENGINEER'S NOTICE OF EVALUATION # GDI-164F

JELD-WEN, INC.
3250 Lakeport Blvd.
Klamath Falls, Oregon 97601
Phone 541.783.2057 Facsimile 541.783.3592

DESCRIPTION OF UNIT

Model Designation: DoorCraft®Gladiator® Steel Door (Glazed or Opaque) with or without Side-lites

Maximum Overall Nominal Size: up to 8'4 x 6'8 **Usable In-swing Configurations: XX, OXXO**

General Description: The head and jambs are wood measuring 4.5" x 1.25" with an extruded aluminum saddle threshold. The door panels and sidelite panels are 1.75" thick and consist of two 25 gauge (min 0.018") steel skins glued to wood stiles and rails with an expanded polystyrene core. The inactive door panel is affixed with an extruded aluminum astragal to receive the active panel. The glazed models are routed to receive ½" insulated tempered lip lite inserts manufactured by ODL.

FBC Section 1707 Materials and Assembly Tests:
(1707.4.3 Exterior Door Assemblies; 1707.4.5 Mullions Door Assemblies)

Test	Description	Test Location	Date	Report No.	Certifying Engineer
ASTM E330	Uniform Static Air Pressure	CTL – Orlando, Florida QTI - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W S98-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891
AAMA 1302.5	Forced Entry	CTL – Orlando, Florida QTI - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W S98-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891
ASTM E331	** Water Penetration	CTL – Orlando, Florida QTI - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W S98-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891
ASTM E283	Air Infiltration	CTL – Orlando, Florida QTI - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W S98-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891

** Sidelites are considered a window and meet 15% of Positive Design Pressure water infiltration criteria under ASTM E331.

Design Pressure Ratings:

Configuration		Maximum Size	Design Pressure Ratings
Opaque Double	XX	Up To 6'0 x 6'8	+48.00 -48.00
Opaque Double with Sidelites	OXXO	Up To 8'4 x 6'8	+48.00 -48.00
Glazed Double	XX	Up To 6'0 x 6'8	+48.00 -48.00
Glazed Double with Sidelites	OXXO	Up To 8'4 x 6'8	+48.00 -48.00

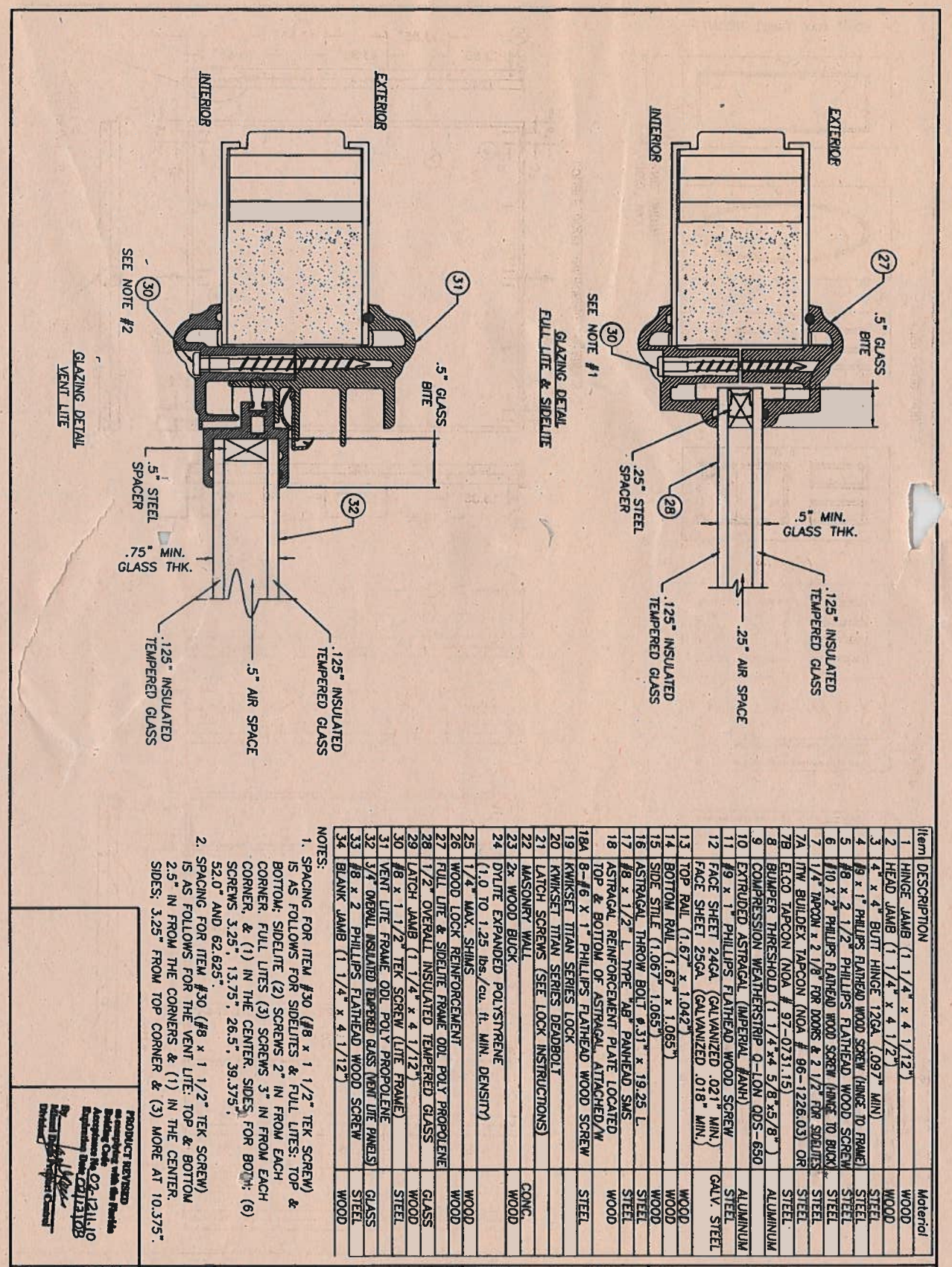
Installation and Anchoring: See reverse side this page

Use

1. Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by **ASCE 7 Minimum Design Loads for Buildings and Other Structures** does not exceed the design pressure ratings listed above.

2. For Masonry installations where the sub-buck is less than 1-1/2 inches (FBC section 1707.4.4 Anchorage Methods and sub-sections 1707.4.4.1 and 1707.4.4.2) same diameter Tapcon type concrete anchors must be substituted and the length must be such that a minimum 1-1/4" engagement of the Tapcon into the masonry wall is obtained.

Certification: Florida Professional Engineer - Seal No. 54158 March 12, 2002 Wendell Haney



Item	DESCRIPTION	Material
1	HINGE JAMB (1 1/4" x 4 1/12")	WOOD
2	HEAD JAMB (1 1/4" x 4 1/2")	WOOD
3	4" x 4" BUTT HINGE 12GA (.097" MIN)	STEEL
4	#8 x 1" PHILLIPS FLATHEAD WOOD SCREW (HINGE TO FRAME)	STEEL
5	#8 x 2 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
6	#10 x 2 PHILLIPS FLATHEAD WOOD SCREW (HINGE TO BUCK)	STEEL
7	1/4" TAPCON x 2 1/8" FOR DOORS & 2 1/2 FOR SIDELITES	STEEL
7A	ITW BUILDEX TAPCON (NOA # 96-1226.03) OR	STEEL
7B	ELCO TAPCON (NOA # 97-0731.15)	STEEL
8	BUMPER THRESHOLD (1 1/4"x4 5/8"x5/8")	ALUMINUM
9	COMPRESSION WEATHERSTRIP Q-LON QDS-650	
10	EXTRUDED ASTRAGAL (IMPERIAL #ANH)	ALUMINUM
11	#9 x 1" PHILLIPS FLATHEAD WOOD SCREW	STEEL
12	FACE SHEET 24GA. (GALVANIZED .021" MIN.) FACE SHEET 25GA. (GALVANIZED .018" MIN.)	GALV. STEEL
13	TOP RAIL (1.67" x 1.042")	WOOD
14	BOTTOM RAIL (1.67" x 1.065")	WOOD
15	SIDE STILE (1.067" 1.065")	WOOD
16	ASTRAGAL THROW BOLT ø.31" x 19.25 L.	STEEL
17	#8 x 1/2" L. TYPE "AB" PANHEAD SMS	STEEL
18	ASTRAGAL REINFORCEMENT PLATE LOCATED TOP & BOTTOM OF ASTRAGAL, ATTACHED/W.	WOOD
18A	8-#6 x 1" PHILLIPS FLATHEAD WOOD SCREW	STEEL
19	KWIKSET TITAN SERIES LOCK	
20	KWIKSET TITAN SERIES DEADBOLT	
21	LATCH SCREWS (SEE LOCK INSTRUCTIONS)	
22	MASONRY WALL	CONC.
23	2x WOOD BUCK	WOOD
24	DYLITE EXPANDED POLYSTYRENE (1.0 TO 1.25 lbs./cu. ft. MIN. DENSITY)	
25	1/4" MAX. SHIMS	WOOD
26	WOOD LOCK REINFORCEMENT	WOOD
27	FULL LITE & SIDELITE FRAME ODL POLY PROPOLENE	
28	1/2" OVERALL INSULATED TEMPERED GLASS	GLASS
29	LATCH JAMB (1 1/4" x 4 1/12")	WOOD
30	#8 x 1 1/2" TEK SCREW (LITE FRAME)	STEEL
31	VENT LITE FRAME ODL POLY PROPOLENE	
32	3/4" OVERALL INSULATED TEMPERED GLASS (VENT LITE PANELS)	GLASS
33	#8 x 2 PHILLIPS FLATHEAD WOOD SCREW	STEEL
34	BLANK JAMB (1 1/4 x 4 1/12)	WOOD

NOTES:
1. SPACING FOR ITEM #30 (#8 x 1 1/2" TEK SCREW) IS AS FOLLOWS FOR SIDELITES & FULL LITES: TOP & BOTTOM; SIDELITE (2) SCREWS 2" IN FROM EACH CORNER, & (1) IN THE CENTER. SIDES; FULL LITES (3) SCREWS 3" IN FROM EACH CORNER, & (1) IN THE CENTER. SIDES; FOR BOTH; (6) SCREWS 3.25", 13.75", 26.5", 39.375", 52.0" AND 62.625".
2. SPACING FOR ITEM #30 (#8 x 1 1/2" TEK SCREW) IS AS FOLLOWS FOR THE VENT LITE: TOP & BOTTOM 2.5" IN FROM THE CORNERS & (1) IN THE CENTER. SIDES; 3.25" FROM TOP CORNER & (3) MORE AT 10.375".

PRODUCT REVISED
Building Code with the Florida
Accessibility Code
Approved by: 02/12/10
Expiration Date: 02/12/10
Project Engineer
Director

NO:	DATE	REVISIONS	BY
2	11/08/02	GENERAL REVISION	KMN
1	6/29/00	GENERAL REVISION	TJH

PRODUCT:
JELD-WEN STEEL OUTSWING WOODEDGE DOOR DOUBLE AND SINGLE UNIT

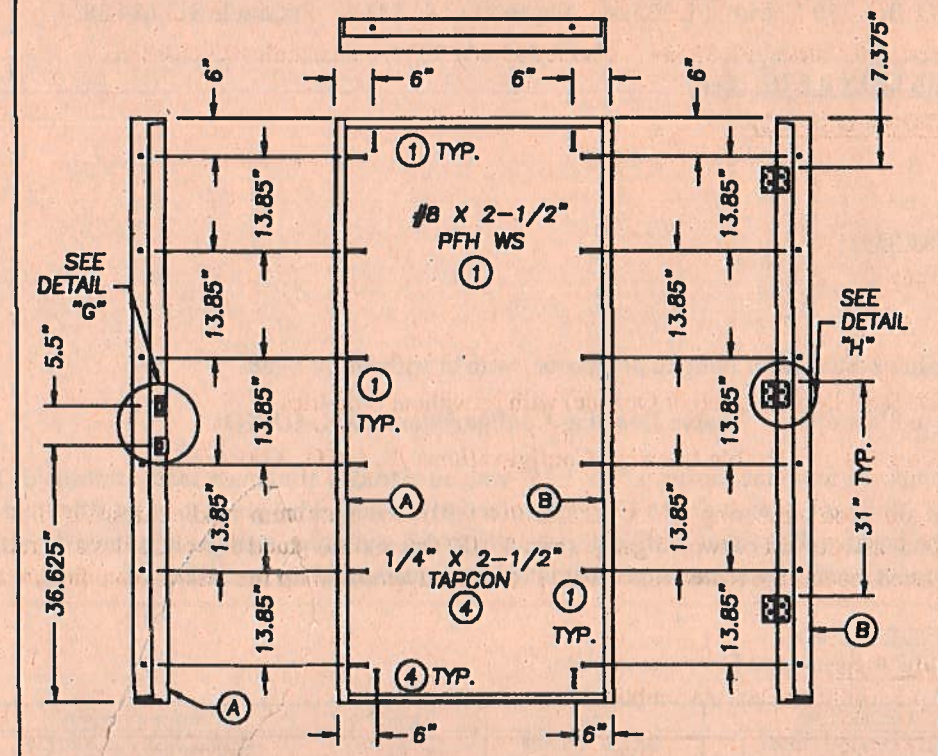
PART OR ASSEMBLY:
BILL OF MATERIALS & GLAZING DETAILS

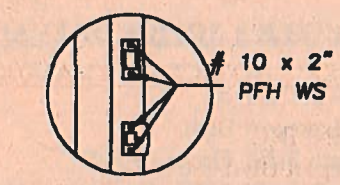
RW BUILDING CONSULTANTS, INC. 813.684.3831

DATE: 12/01/99
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2004
SHEET 7 OF 7

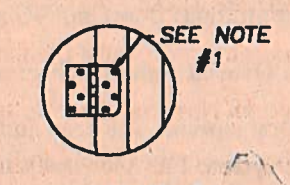
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

DoorCraft® Gladiator® Wood Edge In-swing Steel Door
Maximum Size Up To 5'4 x 6'8





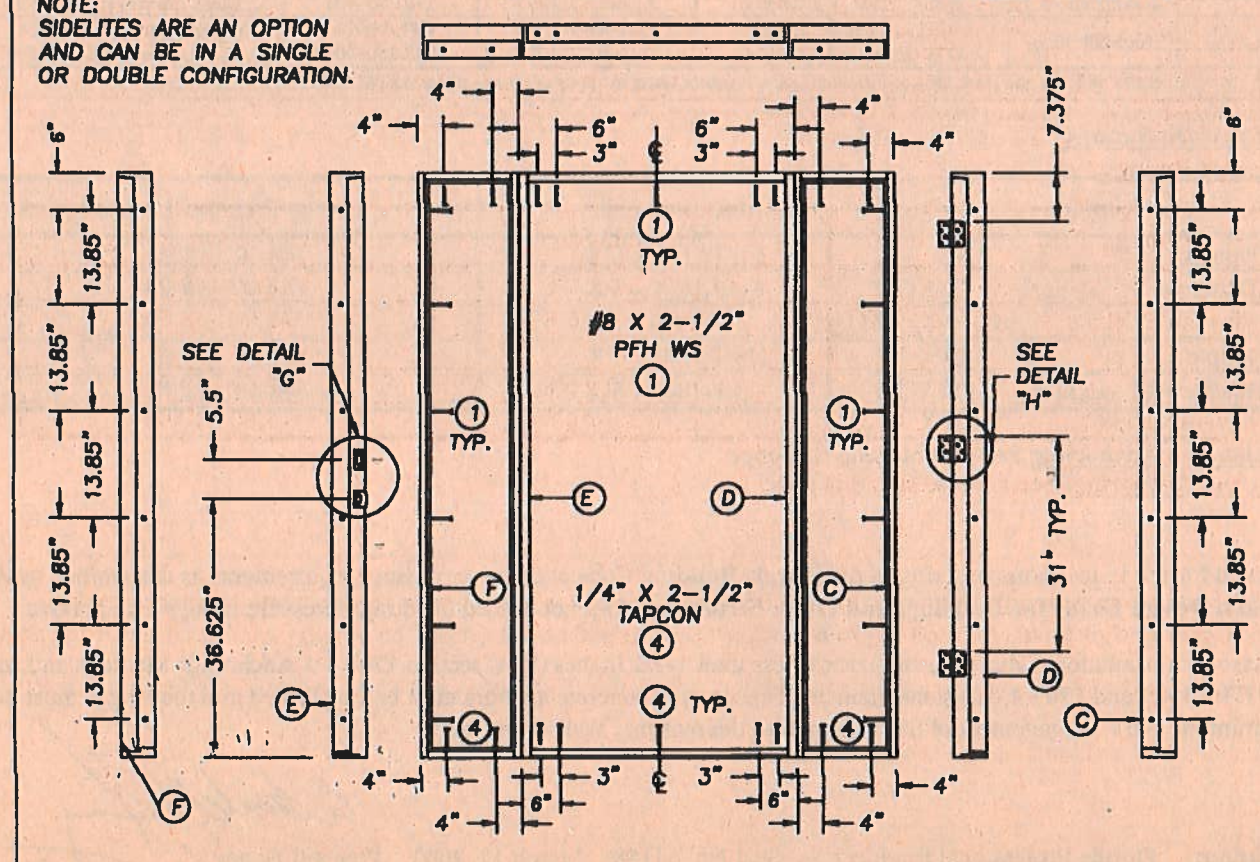
DETAIL "G"
STRIKE AND DEADBOLT PLATES TO FRAME



DETAIL "H"
HINGE TO DOOR AND FRAME

NOTE NO. 1:
WHEN ATTACHING THE HINGE JAMB TO THE SIDELITE JAMB USE A #10 x 1 1/2" PFH WS. WHEN ANCHORING A 3'0 X 8'0 DOOR TO SUB BUCK USE A #10 x 2" PFH WS. AND A #9 X 1" PFH WS IN THE REMAINING OF HOLES.

NOTE:
SIDELITES ARE AN OPTION AND CAN BE IN A SINGLE OR DOUBLE CONFIGURATION.



GSI 162 F

R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33594 Phone 813.684.3831 Facsimile 813.684.3831

ENGINEER'S NOTICE OF EVALUATION # GSI-162F

JELD-WEN, INC.
3250 Lakeport Blvd.
Klamath Falls, Oregon 97601
Phone 541.783.2057 Facsimile 541.783.3592

DESCRIPTION OF UNIT

Model Designation: DoorCraft®Gladiator® Steel Door (Glazed or Opaque) with or without Side-lites

Maximum Overall Nominal Size: up to 5'4 x 6'8 **Usable In-swing Configurations: X, OXO, XO & OX**

General Description: The head and jambs are wood measuring 4.5" x 1.25" with an extruded aluminum saddle threshold. The door panels and sidelite panels are 1.75" thick and consist of two 25 gauge (min 0.018") steel skins glued to wood stiles and rails with an expanded polystyrene core. The glazed models are routed to receive ½" insulated tempered lip lite inserts manufactured by ODL.

FBC Section 1707 Materials and Assembly Tests:
(1707.4.3 Exterior Door Assemblies; 1707.4.5 Mullions Door Assemblies)

Test	Description	Test Location	Date	Report No.	Certifying Engineer
ASTM E330	Uniform Static Air Pressure	CTL – Orlando, Florida QTI - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W S98-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891
AAMA 1302.5	Forced Entry	CTL – Orlando, Florida QTI - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W S98-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891
ASTM E331	** Water Penetration	CTL – Orlando, Florida QTI - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W S98-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891
ASTM E283	Air Infiltration	CTL – Orlando, Florida QTI - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W S98-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891

** Sidelites are considered a window and meet 15% of Positive Design Pressure water infiltration criteria under ASTM E331.

Design Pressure Ratings:

Configuration		Maximum Size	Design Pressure Ratings
Opaque Single	X	Up To 6'0 x 6'8	+48.00 -48.00
Opaque Single with Sidelites	XO, OX, OXO	Up To 5'4 x 6'8	+48.00 -48.00
Glazed Single	X	Up To 6'0 x 6'8	+48.00 -48.00
Glazed Single with Sidelites	XO, OX, OXO	Up To 5'4 x 6'8	+48.00 -48.00

Installation and Anchoring: **See reverse side this page**

Use

1. Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by **ASCE 7 Minimum Design Loads for Buildings and Other Structures** does not exceed the design pressure ratings listed above.

2. For Masonry installations where the sub-buck is less than 1-1/2 inches (FBC section 1707.4.4 Anchorage Methods and sub-sections 1707.4.4.1 and 1707.4.4.2) same diameter Tapcon type concrete anchors must be substituted and the length must be such that a minimum 1-1/4" engagement of the Tapcon into the masonry wall is obtained.

Certification: Florida Professional Engineer - Seal No. 54158 March 12, 2002 Wendell Haney

JELD-WEN®
WINDOWS & DOORS

HURRICANE DOOR SYSTEMS

SISTEMA PARA PUERTAS HURACANES

PAGE #	CONTAINS:		
2	Engineers Notice of Evaluation	#GSI-162F	Inswing
4	Engineers Notice of Evaluation	#GDI-164F	Inswing
6	Engineers Notice of Evaluation	#GTI-166F	Inswing
8	Anchor Calculations		
10	DC Gladiator W/E 6-8 opaque steel door	JW-101-OC	Outswing/inswing
14	DC Energy Saver W/E 6-8 opaque steel door	JW-102-OC	Outswing/inswing
18	DC Energy Saver W/E 8-0 opaque steel door	JW-103-OC	Outswing/inswing
22	DC Gladiator W/E 6-8 glazed steel door	JW-104-OC	Outswing
25	DC Energy Saver W/E 6-8 glazed steel door	JW-105-OC	Outswing/ inswing
29	DC Energy Saver W/E 8-0 glazed steel door	JW-106-OC	Outswing
32	DC Energy Saver S/E 8-0 glazed steel door	JW-107-OC	Outswing/inswing
36	DC Steel single outswing opaque W/E steel door.	NOA 02-0712.06	Expires August 5, 2007
42	J-W Steel W/E outswing opaque steel doors	NOA 02-1022.14	Expires Dec. 2, 2007
49	J-W Steel S/E outswing opaque steel doors w & w/o SL	NOA 02-1211.12	Expires April 14, 2008
58	J-W Gladiator & Energy Saver outswing glazed W/E steel doors	NOA 02-1211.10	Expires July 17, 2008

For a complete listing of JELD-WEN Hurricane Door Systems, visit our website at: www.jeld-wenresearch.com

Notice of Acceptance and Approval/Installation Drawings Save for Builder and Inspector