DATE 01/02/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025355

APPLICANT KENNY TOWNSEND PHONE 752-4071

ADDRESS 0 POB 1621 LAKE CITY FL 32056

OWNER ANNETTE PEARSON PHONE

ADDRESS 1380 SE ELM LOOP LAKE CITY FL 32025

CONTRACTOR MIKE HERLONG PHONE 752-4071

LOCATION OF PROPERTY BAYA AVE. TR INTO EASTSIDE VILLAGE,TR ROSEWOOD CIRCLE, TL ON ROSEWOOD CIRCLE, TR ON ELM LOOP,3RD LOT ON LEFT

TYPE DEVELOPMENT ADDITION TO SFD ESTIMATED COST OF CONSTRUCTION 25000.00

HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB

LAND USE & ZONING RMF-1 MAX. HEIGHT 15

Minimum Set Back Requirments: STREET-FRONT 20.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 03-4S-17-07592-640 SUBDIVISION EASTSIDE VILLAGE

LOT 10 BLOCK E PHASE .00 UNIT 6 TOTAL ACRES

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
EXISTING	X06-0444	RB0029433	K. Kenny Townsend

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
		BK	JH	N

COMMENTS: ONE FOOT ABOVE THE ROAD

Check # or Cash 1789

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power ____ date/app. by | Foundation ____ date/app. by | Monolithic ____ date/app. by

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

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

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

Permanent power ____ date/app. by | C.O. Final ____ date/app. by | Culvert ____ date/app. by

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

Reconnection ____ date/app. by | Pump pole ____ date/app. by | Utility Pole ____ date/app. by

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

BUILDING PERMIT FEE $ 125.00 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 $ 25.00 CULVERT FEE $ **TOTAL FEE** 200.00

INSPECTORS OFFICE Charles Lee CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Called on 12-22-06
LH

Columbia County Building Permit Application

For Office Use Only Application # 0612-71 Date Received 12-22-06 By LH Permit # 25355

Application Approved by - Zoning Official dps Date 12/22/06 Plans Examiner OK JTH Date 12-22-06

Flood Zone X PS Development Permit N/A Zoning RMF-1 Land Use Plan Map Category RMD

Comments Need TRUSS PLAN BEFORE ISSUE

□ NOC ☑ EH Release □ Deed or PA ☑ Site Plan on plans N/A State Road Info □ Parent Parcel # ☑ Development Permit

Name Authorized Person Signing Permit Kenny Townsend Phone 397-3495 Fax

Address PO Box 1621 Lake City FL 32056

Owners Name Annette Pearson Phone

911 Address 1385E Elm Loop, Lake City FL 32055

Contractors Name Columbia Home Imp. Phone 397-3495

Address PO 1621 Lake City FL 32056

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Freeman Design Group 161 NW Madison St. Lake City FL 32055

Mortgage Lenders Name & Address N/A

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

Property ID Number 3-4S-17-07592-640 Estimated Cost of Construction 25,000

Subdivision Name Eastside Village Lot 10 Block E Unit 6 Phase

Driving Directions Baya Ave East R into Eastside Village Pearl Terr. Turn (R) SE Rosewood Cir then take 1st Left on Rosewood Cir then (R) on SE Elm Loop then 3rd lot on Left.

Type of Construction Addition to SFD Number of Existing Dwellings on Property 1

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

Actual Distance of Structure from Property Lines - Front 72' Side 23 Side 11.25 Rear 18

Total Building Height 15 Number of Stories 1 Heated Floor Area 278 TOTAL 406 Roof Pitch 5/12

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.

Mike Hudson
Owner Builder or Authorized Person by Notarized Letter

Mike Hudson
Contractor Signature

Contractors License Number RB0029433

Competency Card Number

NOTARY STAMP/SEAL

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 22 day of December 2006.

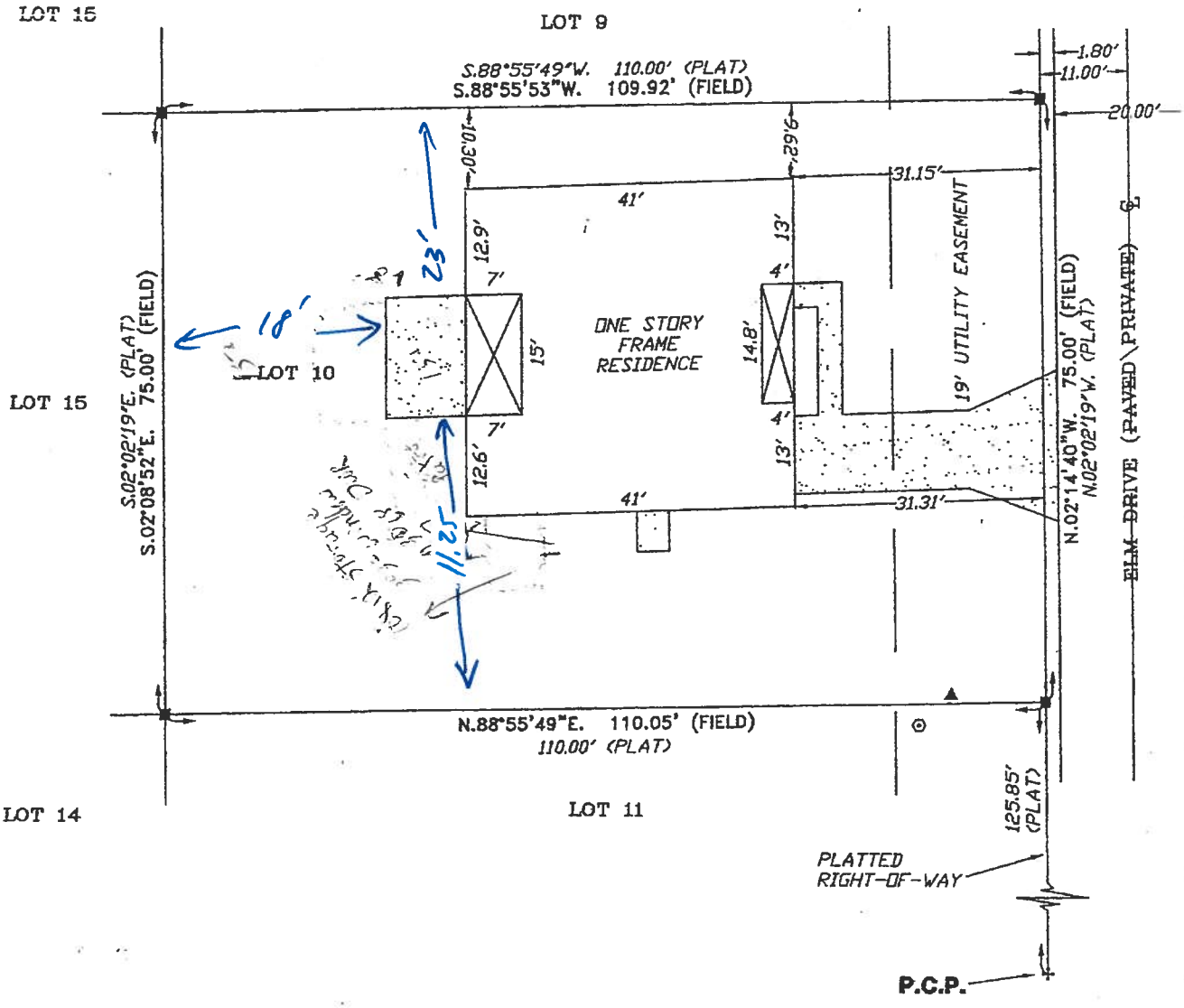
Personally known ✓ or Produced Identification _____

Laurie Hodson
Notary Signature

(Revised Sept. 2006)

Site Plan

NOTE: ALL PROPERTY CORNERS LOCATED ARE IDENTIFIED AS L.E. BRITT, P.L.S. 1079.



CERTIFIED TO:
WAYNE P. & JEAN D. COSTA
ANNETTE PEARSON
FIRST FEDERAL SAVINGS BANK OF FLORIDA
ABSTRACT AND TITLE SERVICES, INC.
CHICAGO TITLE INSURANCE COMPANY

FIELD BOOK: 272 PAGE(S): 1

SURVEYOR'S CERTIFICA

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOA IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSU

10/07/04
FIELD SURVEY DATE

10/09/04
DRAWING DATE

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAI MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMAT

BOUNDARY SURVEY IN SECTION 3, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.

SCALE: 1" = 20'

SYMBOL LEGEND:

- ■ 4"X4" CONCRETE MONUMENT FOUND
- □ 4"X4" CONCRETE MONUMENT SET
- ● IRON PIPE FOUND
- ○ IRON PIN AND CAP SET
- ⊕ POWER POLE
- ▲ WATER METER
- ℄ CENTERLINE
- ✲ WELL
- ⊛ SATELLITE DISH
- ⊙ TELEPHONE BOX
- —E— ELECTRIC LINES
- —X— WIRE FENCE
- —o— CHAIN LINK FENCE
- —▫— WOODEN FENCE

DESCRIPTION:
LOT 10 IN BLOCK "E" OF "EASTSIDE VILLAGE UNIT 6" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 6, PAGE 160, 161 & 162 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

SURVEYOR'S NOTES:

1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
2. BEARINGS ARE BASED ON SAID PLAT OF RECORD.
3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0175 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
5. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

ION

ESPONSIBLE CHARGE AND MEETS THE MINIMUM
OF PROFESSIONAL SURVEYORS AND MAPPERS
IT TO SECTION 472.027, FLORIDA STATUTES.

L. SCOTT BRITT, P.S.M.
CERTIFICATION # 5757

D SEAL OF A FLORIDA LICENSED SURVEYOR AND
NAL PURPOSES ONLY AND IS NOT VALID.

BRITT SURVEYING
LAND SURVEYORS AND MAPPERS
830 WEST DUVAL STREET LAKE CITY, FLORIDA 32055
(386)752-7163 FAX (386)752-5573

WORK ORDER # L-15403

Columbia County Property Appraiser

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

PARCEL: 03-4S-17-07592-640 HA - SINGLE FAM (000100)

Name:	PEARSON ANNETTE B &		LandVal	$15,000.00
Site:	ELM		BldgVal	$74,012.00
	COSTA WAYNE P & JEAN D		ApprVal	$89,826.00
Mail:	138 SE ELM LP		JustVal	$89,826.00
	LAKE CITY, FL 32025		Assd	$89,826.00
Sales	10/29/2004	$100,000.00 I / Q	Exmpt	$25,000.00
Info	11/24/2003	$100.00 I / U	Taxable	$64,826.00

0 120 240 360 ft

FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Pearson Residence**	Builder:	**Kenny Townsend**
Address:		Permitting Office:	**Columbia**
City, State:	,	Permit Number:	25365
Owner:	**Annette Pearson**	Jurisdiction Number:	22100
Climate Zone:	**North**		

1.	New construction or existing		Addition	
2.	Single family or multi-family		Single family	
3.	Number of units, if multi-family		1	
4.	Number of Bedrooms		1	
5.	Is this a worst case?		Yes	
6.	Conditioned floor area (ft²)		278 ft²	
7.	Glass area & type	Single Pane	Double Pane	
a.	Clear glass, default U-factor	0.0 ft²	105.0 ft²	
b.	Default tint	0.0 ft²	0.0 ft²	
c.	Labeled U or SHGC	0.0 ft²	0.0 ft²	
8.	Floor types			
a.	Slab-On-Grade Edge Insulation		R=0.0, 67.4(p) ft	
b.	N/A			
c.	N/A			
9.	Wall types			
a.	Frame, Wood, Exterior		R=13.0, 413.6 ft²	
b.	Frame, Wood, Adjacent		R=13.0, 125.6 ft²	
c.	N/A			
d.	N/A			
e.	N/A			
10.	Ceiling types			
a.	Under Attic		R=30.0, 305.8 ft²	
b.	N/A			
c.	N/A			
11.	Ducts			
a.	N/A			
b.	N/A			

12.	Cooling systems		
a.	PTAC and Room Unit	Cap: 12.0 kBtu/hr	
		EER: 11.00, Unducted	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	PTHP	Cap: 12.0 kBtu/hr	
		COP: 5.00, Unducted	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	N/A		
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	CF,	

Glass/Floor Area: 0.38

Total as-built points: 2717

Total base points: 3603

PASS

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

PREPARED BY: _____

DATE: 12/19/06

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

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

GREAT SEAL OF THE STATE OF FLORIDA * IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	278.0	20.04	1002.8	Double, Clear	E	1.5	6.0	60.0	42.06	0.91	2303.6	
				Double, Clear	W	1.5	6.0	15.0	38.52	0.91	527.8	
				Double, Clear	W	1.5	6.0	30.0	38.52	0.91	1055.6	
				As-Built Total:				**105.0**			**3886.9**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =	Points		
Adjacent	125.6	0.70	87.9	Frame, Wood, Exterior			13.0	413.6	1.50	620.4		
Exterior	413.6	1.70	703.1	Frame, Wood, Adjacent			13.0	125.6	0.60	75.4		
Base Total:	**539.2**		**791.0**	**As-Built Total:**				**539.2**		**695.8**		
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =	Points		
Adjacent	0.0	0.00	0.0	Exterior Insulated				20.4	4.10	83.6		
Exterior	20.4	6.10	124.4									
Base Total:	**20.4**		**124.4**	**As-Built Total:**				**20.4**		**83.6**		
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =	Points		
Under Attic	278.0	1.73	480.9	Under Attic			30.0	305.8	1.73 X 1.00	529.0		
Base Total:	**278.0**		**480.9**	**As-Built Total:**				**305.8**		**529.0**		
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =	Points		
Slab	67.4(p)	-37.0	-2493.8	Slab-On-Grade Edge Insulation			0.0	67.4(p)	-41.20	-2776.9		
Raised	0.0	0.00	0.0									
Base Total:			**-2493.8**	**As-Built Total:**				**67.4**		**-2776.9**		
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =	Points		
	278.0	10.21	2838.4					278.0	10.21	2838.4		
Summer Base Points:			**2743.8**	**Summer As-Built Points:**								**5256.9**
Total Summer Points	X System Multiplier	= Cooling Points		Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)		X System Multiplier	X Credit Multiplier	= Cooling Points		
2743.8	**0.4266**	**1170.5**		5256.9 **5256.9**	1.000(1.00 x 0.000 x 1.00 **1.00**	**1.000**		0.310 **0.310**	0.950 **0.950**	1548.2 **1548.2**		

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	278.0	12.74	637.5	Double, Clear	E	1.5	6.0	60.0	18.79	1.04	1167.6	
				Double, Clear	W	1.5	6.0	15.0	20.73	1.02	318.2	
				Double, Clear	W	1.5	6.0	30.0	20.73	1.02	636.4	
				As-Built Total:				**105.0**			**2122.3**	
WALL TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM	=	Points	
Adjacent	125.6	3.60	452.2	Frame, Wood, Exterior			13.0	413.6	3.40		1406.2	
Exterior	413.6	3.70	1530.3	Frame, Wood, Adjacent			13.0	125.6	3.30		414.5	
Base Total:	**539.2**		**1982.5**	**As-Built Total:**				**539.2**			**1820.7**	
DOOR TYPES	Area X	BWPM	= Points	Type				Area X	WPM	=	Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				20.4	8.40		171.4	
Exterior	20.4	12.30	250.9									
Base Total:	**20.4**		**250.9**	**As-Built Total:**				**20.4**			**171.4**	
CEILING TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM X WCM	=	Points	
Under Attic	278.0	2.05	569.9	Under Attic			30.0	305.8	2.05 X 1.00		626.9	
Base Total:	**278.0**		**569.9**	**As-Built Total:**				**305.8**			**626.9**	
FLOOR TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM	=	Points	
Slab	67.4(p)	8.9	599.9	Slab-On-Grade Edge Insulation			0.0	67.4(p)	18.80		1267.1	
Raised	0.0	0.00	0.0									
Base Total:			**599.9**	**As-Built Total:**				**67.4**			**1267.1**	
INFILTRATION	Area X	BWPM	= Points					Area X	WPM	=	Points	
	278.0	-0.59	-164.0					278.0	-0.59		-164.0	
Winter Base Points:			**3876.6**	**Winter As-Built Points:**							**5844.3**	
Total Winter Points	X System Multiplier	= Heating Points		Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)		X System Multiplier	X Credit Multiplier	= Heating Points		
3876.6	**0.6274**	**2432.2**		5844.3 **5844.3**	1.000(1.00 x 0.000 x 1.00) **1.00**	**1.000**		0.200 **0.200**	1.000 **1.000**	1168.9 **1168.9**		

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total
1	2746.00	0.0				1	1.00	2746.00	1.00	2746.0
				As-Built Total:						**0.0**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
1171	**2432**	**0**	**3603**	**1548**	**1169**	**0**	**2717**

PASS

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.6

The higher the score, the more efficient the home.

Annette Pearson, , , ,

1. New construction or existing		Addition	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		1	
5. Is this a worst case?		Yes	
6. Conditioned floor area (ft²)		278 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear - single pane	0.0 ft²	105.0 ft²	
b. Clear - double pane	0.0 ft²	0.0 ft²	
c. Tint/other SHGC - single pane	0.0 ft²	0.0 ft²	
d. Tint/other SHGC - double pane			
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 67.4(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 413.6 ft²	
b. Frame, Wood, Adjacent		R=13.0, 125.6 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 305.8 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. N/A			
b. N/A			

12. Cooling systems		
a. PTAC and Room Unit	Cap: 12.0 kBtu/hr	
	EER: 11.00, Unducted	
b. N/A		
c. N/A		
13. Heating systems		
a. PTHP	Cap: 12.0 kBtu/hr	
	COP: 5.00, Unducted	
b. N/A		
c. N/A		
14. Hot water systems		
a. N/A		
b. N/A		
c. Conservation credits		
(HR-Heat recovery, Solar		
DHP-Dedicated heat pump)		
15. HVAC credits		CF,
(CF-Ceiling fan, CV-Cross ventilation,		
HF-Whole house fan,		
PT-Programmable Thermostat,		
MZ-C-Multizone cooling,		
MZ-H-Multizone heating)		

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

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/488-1824.*

Residential System Sizing Calculation

Summary

Annette Pearson

Project Title:
Pearson Residence

Code Only
Professional Version
Climate: North

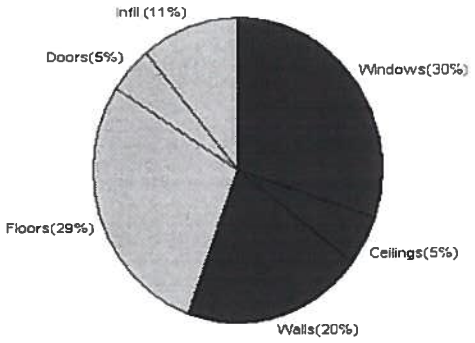
12/19/2006

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	98	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	23	F
Total heating load calculation	**7439**	**Btuh**	**Total cooling load calculation**	**11982**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (PTHP)	161.3	12000	Sensible (SHR = 0.5)	54.8	6000
			Latent	586.2	6000
			Total	100.2	12000

WINTER CALCULATIONS

Winter Heating Load (for 278 sqft)

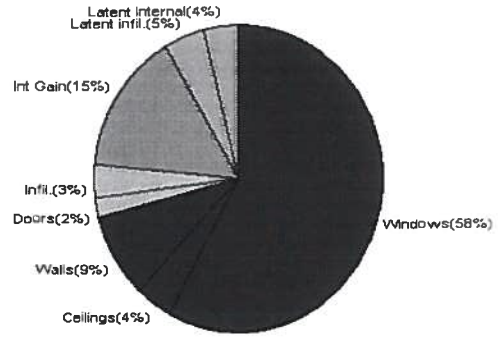
Load component			Load	
Window total	105	sqft	2258	Btuh
Wall total	539	sqft	1483	Btuh
Door total	20	sqft	374	Btuh
Ceiling total	306	sqft	398	Btuh
Floor total	67	ft	2130	Btuh
Infiltration	19	cfm	797	Btuh
Subtotal			**7439**	**Btuh**
Duct loss			0	Btuh
TOTAL HEAT LOSS			**7439**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 278 sqft)

Load component			Load	
Window total	105	sqft	6950	Btuh
Wall total	539	sqft	1066	Btuh
Door total	20	sqft	255	Btuh
Ceiling total	306	sqft	477	Btuh
Floor total			0	Btuh
Infiltration	16	cfm	411	Btuh
Internal gain			1800	Btuh
Subtotal(sensible)			**10958**	**Btuh**
Duct gain			0	Btuh
Total sensible gain			**10958**	**Btuh**
Latent gain(infiltration)			564	Btuh
Latent gain(internal)			460	Btuh
Total latent gain			**1024**	**Btuh**
TOTAL HEAT GAIN			**11982**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: [signature]
DATE: 12/19/06

System Sizing Calculations - Winter

Residential Load - Component Details

Annette Pearson

Project Title:
Pearson Residence

Code Only
Professional Version
Climate: North

,

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

12/19/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Wood, DEF	E	60.0	21.5	1290 Btuh
2	2, Clear, Wood, DEF	W	15.0	21.5	322 Btuh
3	2, Clear, Wood, DEF	W	30.0	21.5	645 Btuh
	Window Total		105		2258 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	414	3.1	1282 Btuh
2	Frame - Adjacent	13.0	126	1.6	201 Btuh
	Wall Total		539		1483 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		20	18.3	374 Btuh
	Door Total		20		374Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	306	1.3	398 Btuh
	Ceiling Total		306		398Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	67.4 ft(p)	31.6	2130 Btuh
	Floor Total		67		2130 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	2780(sqft)	19	797 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			19	797 Btuh

Totals for Heating	**Subtotal**	**7439 Btuh**
	Duct Loss(using duct multiplier of 0.00)	**0 Btuh**
	Total Btuh Loss	**7439 Btuh**

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer

Residential Load - Component Details

Annette Pearson

Project Title:
Pearson Residence

Code Only
Professional Version
Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 12/19/2006

Window	Type Panes/SHGC/U/InSh/ExSh Ornt	Overhang Len	 Hgt	Window Area(sqft) Gross	 Shaded	 Unshaded	HTM Shaded	 Unshaded	Load	
1	2, Clear, DEF, N, N E	1.5	6	60.0	12.5	47.6	24	74	3818	Btuh
2	2, Clear, DEF, N, N W	1.5	6	15.0	0.0	15.0	24	74	1110	Btuh
3	2, Clear, DEF, N, N W	1.5	6	30.0	4.0	26.0	24	74	2022	Btuh
	Window Total			105					6950	Btuh

Walls	Type	R-Value	Area	HTM	Load	
1	Frame - Exterior	13.0	413.6	2.1	885	Btuh
2	Frame - Adjacent	13.0	125.6	1.4	181	Btuh
	Wall Total		539.2		1066	Btuh

Doors	Type	Area	HTM	Load	
1	Insulated - Exter	20.4	12.5	255	Btuh
	Door Total	20.4		255	Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load	
1	Under Attic/Dark	30.0	305.8	1.6	477	Btuh
	Ceiling Total		305.8		477	Btuh

Floors	Type	R-Value	Size	HTM	Load	
1	Slab-On-Grade Edge Insulation	0.0	67.4 ft(p)	0.0	0	Btuh
	Floor Total		67.4		0	Btuh

Infiltration	Type	ACH	Volume	CFM=	Load	
	Natural	0.35	2780	16.2	411	Btuh
	Mechanical			0	0	Btuh
	Infiltration Total			16	411	Btuh

Internal gain		Occupants		Btuh/occupant		Appliance	Load	
		2	X	300	+	1200	1800	Btuh

Totals for Cooling	**Subtotal**	**10958**	**Btuh**
	Duct gain(using duct multiplier of 0.00)	**0**	**Btuh**
	Total sensible gain	**10958**	**Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**564**	**Btuh**
	Latent occupant gain (2 people @ 230 Btuh per person)	**460**	**Btuh**
	Latent other gain	**0**	**Btuh**
	TOTAL GAIN	**11982**	**Btuh**

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

Architectural Testing

AAMA/WDMA/CSA 101/I.S.2/A440-05
TEST REPORT

Rendered to:

MI WINDOWS AND DOORS, INC.

SERIES/MODEL: 165
PRODUCT TYPE: Aluminum Single Hung (Fin)

Title	Summary of Results
Primary Product Designator	H-LC30 1114 x 1905 (44 x 75)
Operating Force (in motion)	76 N (17 lbf)
Air Infiltration	1.0 L/s/m^2 (0.20 cfm/ft^2)
Water Penetration Resistance Test Pressure*	260 Pa (5.43 psf)
Uniform Load Structural Test Pressure	±2160 Pa (45.14 psf)
Forced Entry Resistance	Grade 10

*-Optional Secondary Designators

Test Completion Date: 03/16/06

Reference must be made to Report No. 63771.01-109-47, 03/29/06 for complete test specimen description and data.

130 Derry Court
York, PA 17402-9405
phone: 717-764-7700
fax: 717-764-4129
www.archtest.com

Architectural Testing

AAMA/WDMA/CSA 101/I.S.2/A440-05 TEST REPORT

Rendered to:

MI WINDOWS AND DOORS, INC.
650 West Market Street
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No.:	63771.01-109-47
Test Dates:	03/14/06
Through:	03/16/06
Report Date:	03/29/06
Expiration Date:	03/16/10

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Windows and Doors, Inc. to witness testing on a Series/Model 165, aluminum single hung window at the MI Windows and Doors, Inc. test facility in Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for an H-LC30 1114 x 1905 (44 x 75) rating. Test specimen description and results are reported herein.

Test Specification: The test specimen was evaluated in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-05, *Standard/Specification for Windows, Doors, and Unit Skylights.*

Test Specimen Description:

Series/Model: 165

Product Type: Aluminum Single Hung (Fin)

Overall Size: 1114 mm (43-7/8") wide by 1905 mm (75") high

Interior Sash Size: 1078 mm (42-7/16") wide by 952 mm (37-1/2") high

Fixed Daylight Opening Size: 1032 mm (40-5/8") wide by 892 mm (35-1/8") high

Screen Size: 1048 mm (41-1/4") wide by 946 mm (37-1/4") high

Overall Area: 2.1 m^2 (22.8 ft^2)

130 Derry Court
York, PA 17402-9405
phone: 717-764-7700
fax: 717-764-4129
www.archtest.com

Test Specimen Description: (Continued)

Finish: All aluminum was white.

Frame Construction: The frame was constructed of extruded aluminum members. Corners were coped, butted, sealed, and fastened with two #6 x 3/4" screws. The fixed meeting rail was secured with a PVC bracket that was fastened to the frame with two #6 x 5/8" self-tapping screws and fastened to the fixed meeting rail with two #6 x 1/2" screws.

Sash Construction: The sash was constructed of extruded aluminum members. Corners were coped, butted, sealed, and fastened with one #6 x 1" screw.

Glazing Details: The unit was glazed with 1/2" thick insulating glass constructed of two sheets of 1/8" thick clear annealed glass and a metal reinforced butyl spacer system. The glass was set from the interior onto a silicone bedding and secured with snap-in PVC glazing beads.

Weatherstripping:

Description	Quantity	Location
0.187" backed by 0.250" high polypile with center fin	1 Row	Stiles
0.187" backed by 0.270" high polypile with center fin	1 Row	Stiles
0.187" backed by 0.210" high polypile with center fin	1 Row	Fixed meeting rail
0.187" backed by 0.250" high polypile, 1" long pad	2	Sill, each end
0.187" backed by 3/8" diameter, two leaf foam filled vinyl bulb seal	1 Row	Bottom rail

Drainage: A sloped sill was utilized.

Test Specimen Description: (Continued)

Hardware:

Description	Quantity	Location
Metal sweep locks with adjacent keepers	2	Meeting rail, 7" from each end
Plastic tilt latches	2	Each end of the interior meeting rail
Pivot pins	2	Each end of the bottom rail
Coil balance	2	Jambs

Reinforcement: No reinforcement was utilized.

Screen Construction: The screen was constructed of roll-formed aluminum. Corners were square-cut and secured with plastic corner keys. The screen mesh was secured with a flexible vinyl spline.

Installation: The unit was installed into a wood test buck. The nail fin was set onto a bed of silicone and fastened with #6 x 1-5/8" screws, 3" from each end and 10" on center.

Test Results: The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
5.3.1	Operating Force per ASTM E 2068		
	Initiate motion	71 N (16 lbf)	N/A
	Maintain motion	76 N (17 lbf)	135 N (30 lbf)
	Latches	27 N (6 lbf)	100 N (22.5 lbf)
5.3.2.1	Air Leakage Resistance per ASTM E 283		
	75 Pa (1.6 psf)	1.0 L/s/m^2 (0.20 cfm/ft^2)	1.5 L/s/m^2 (0.3 cfm/ft^2 max.)

***Note #1**: The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2/A440-05 for air leakage resistance.*

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
5.3.3	Water Penetration Resistance per ASTM E 547		See Note #2
5.3.4.2	Uniform Load Deflection per ASTM E 330		See Note #2
5.3.4.3	Uniform Load Structural per ASTM E 330		See Note #2

Note #2: The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance".

5.3.5	Forced Entry Resistance per ASTM F 588		
	Type: A	Grade: 10	
	Disassembly Test	No entry	No entry
	Test A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Hardware Manipulation Test	No entry	No entry
	Sash/Panel Manipulation Test	No entry	No entry
5.3.6.3	Deglazing Test		
	In operating direction - 320 N (70 lbs)		
	Interior meeting rail	3.0 mm (0.12")	11.4 mm (0.45")
	Bottom rail	2.5 mm (0.10")	11.4 mm (0.45")
	In remaining direction - 230 N (50 lbs)		
	Left stile	1.8 mm (0.07")	11.4 mm (0.45")
	Right stile	1.8 mm (0.07")	11.4 mm (0.45")

Optional Performance

4.4.2.6	Water Penetration Resistance per ASTM E 547 (with and without insect screen) 260 Pa (5.43 psf)	No leakage	No leakage

Test Results: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
	Optional Performance: (Continued)		
4.4.2.6	Uniform Load Deflection per ASTM E 330 (Deflections were taken on the meeting rail) (Loads were held for 52 seconds)		
	1440 Pa (30.09 psf) (positive)	11.2 mm (0.44")	See Note #3
	1440 Pa (30.09 psf) (negative)	9.9 mm (0.39")	See Note #3

Note #3: The deflections reported are not limited by AAMA/WDMA/CSA 101/I.S.2/A440-05 for this product designation. The deflection data is recorded in this report for special code compliance and information only.

4.4.2.6	Uniform Load Structural per ASTM E 330 (Permanent sets were taken on the meeting rail) (Loads were held for 10 seconds)		
	2160 Pa (45.14 psf) (positive)	1.3 mm (0.05")	4.1 mm (0.16") max.
	2160 Pa (45.14 psf) (negative)	0.25 mm (0.01")	4.1 mm (0.16") max.

Drawing Reference: The test specimen drawings have been reviewed by ATI and are representative of the test specimen reported herein.

Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years from the original test date. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator. This report may not be reproduced, except in full, without the approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.

Jeramie D. Grabosch

Digitally Signed by: Jeramie D. Grabosch

Jeramie D. Grabosch
Technician

Digitally Signed by: Steven M. Urich

Steven M. Urich, P.E.
Senior Project Engineer

JDG:jdg/vlm

Attachments (pages):
Appendix-A: Alteration Addendum (1)

Revision Log

Rev. #	Date	Page(s)	Revision(s)
0	03/29/06	N/A	Original report issue

Appendix A

Alteration Addendum

***Note**: No alterations were required.*

Outswing

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)

Therma-Tru Corporation
1687 Woodlands Drive
Maumee, Ohio 43537

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: "Classic Craft" 8'0 Outswing Opaque Fiberglass Door w & w/o Sidelites

APPROVAL DOCUMENT: Drawing No. **S-2162**, titled "Classic Craft Opaque" Single & Double Outswing 8'0 Fiberglass Door, sheets 1 through 7, prepared by RW Building Consultants, Inc., dated 11/10/01, with revision #2 dated 5/27/02, 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: 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 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

OTES

) MEET THE FLORIDA

ST BE ANCHORED PROPERLY
STRUCTURE.

AS LISTED AND SPACED AS
EMBEDMENT TO BASE MATERIAL
SING OR STUCCO.

EE TABLE SHEET 1.

TER REQUIREMENTS FOR
S" WITH USE OF HIGH DAM

IN AREAS REQUIRING WIND
ORIDA BUILDING CODE
SHUTTERS ARE REQUIRED.

) CAN BE USED IN A
ATION.

FIBERGLASS DOOR
me conditions)

1:
25" minimum thickness,
)0 psi
core,

in is constructed from a
und (SMC). The interior cavity
SF polyurethane foam. The
the wood stiles and rails.
VL or LSL. The latch stile
latch reinforcement. The top
composite material. In the
tive door is fitted with an
6060–T6 alloy.

ucted from finger jointed pine. The
(3) #8 x 2 1/2" long Phillips flathead
ured together in a sidelite application
6) screws per each mullion. The units
r a Low Profile or High Water Dam type.

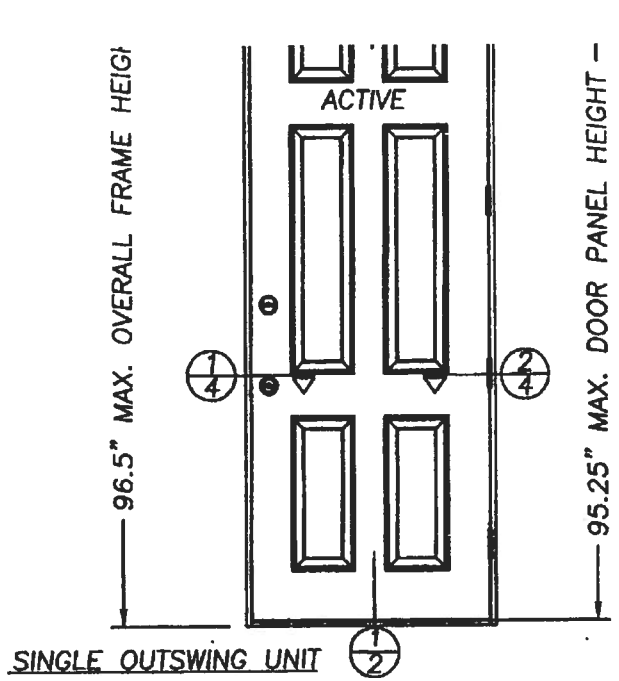
sandwich glazed using a two piece
exterior with an 1/8" thk. cellular
Silicon Compound. The lite frames are
Plascrew or a #6-18 1 3/4" long

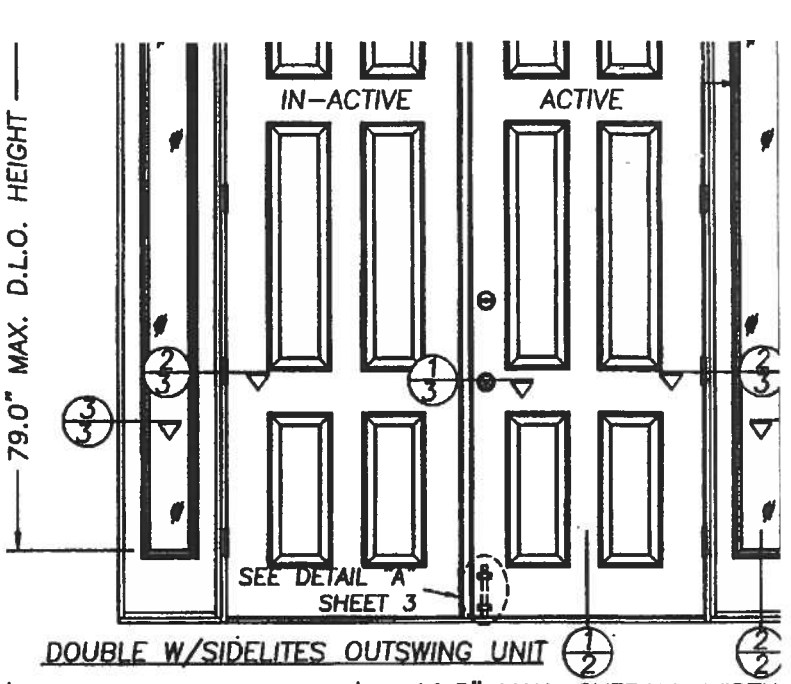
F CONTENTS

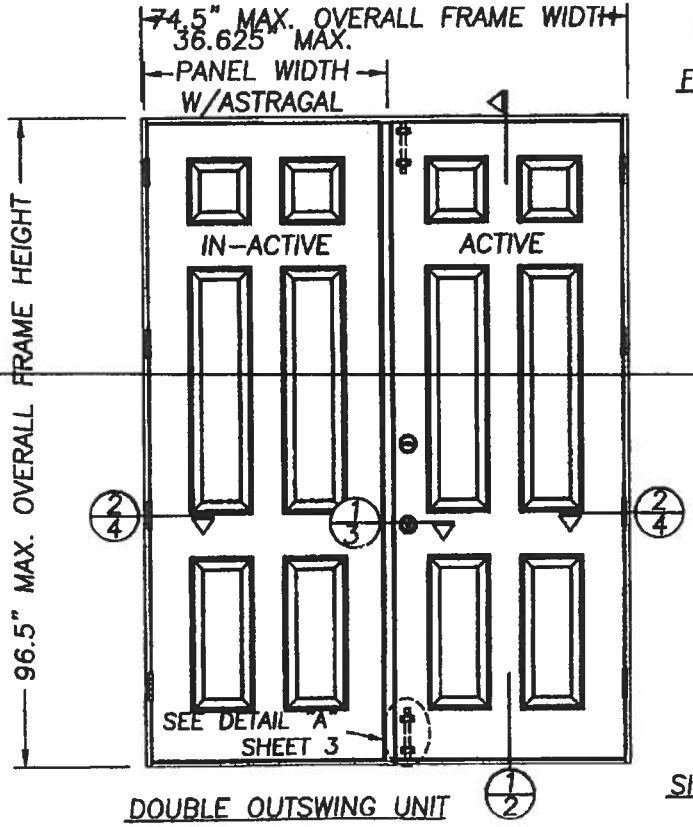
ESCRIPTION

& GENERAL NOTES

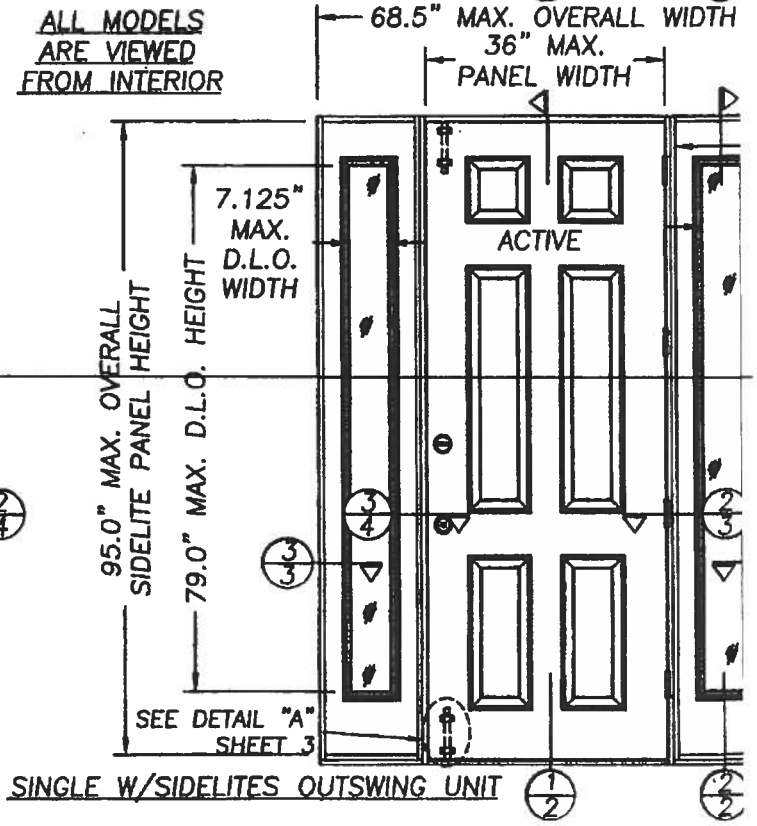
TIONS & BILL OF MATERIALS





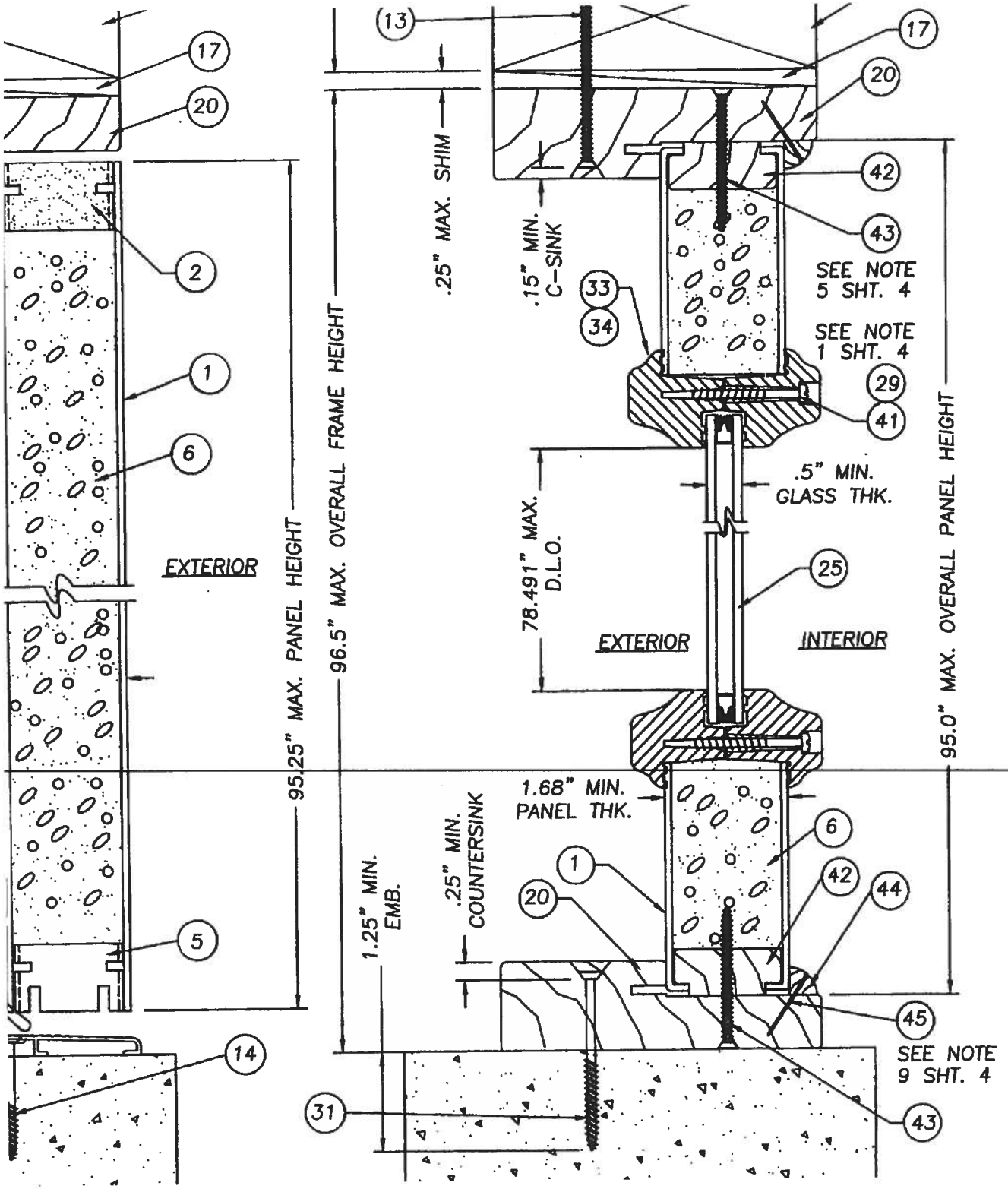


ALL MODELS ARE VIEWED FROM INTERIOR

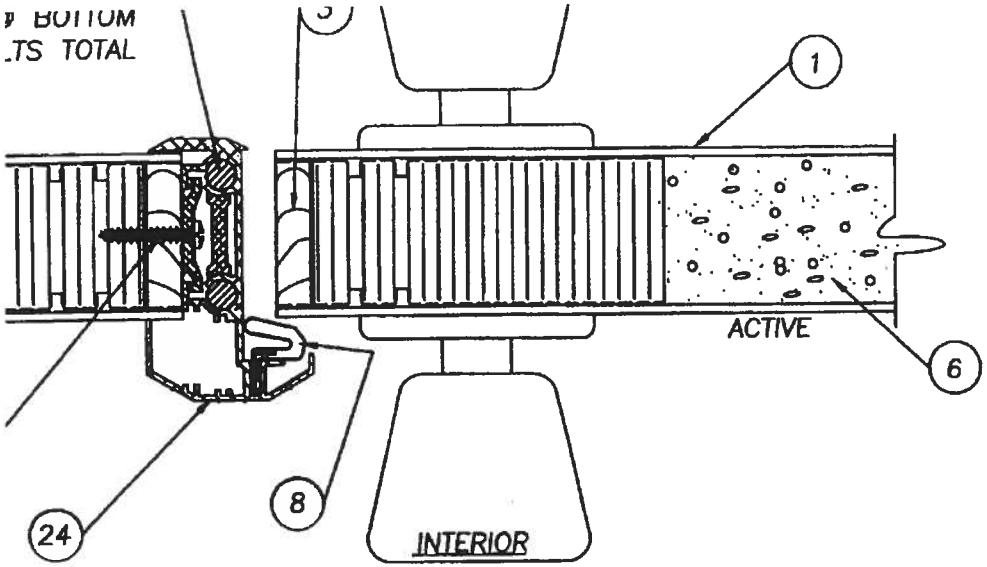


DESIGN PRESSURE RATING
WHERE WATER INFILTRATION IS REQUIRED

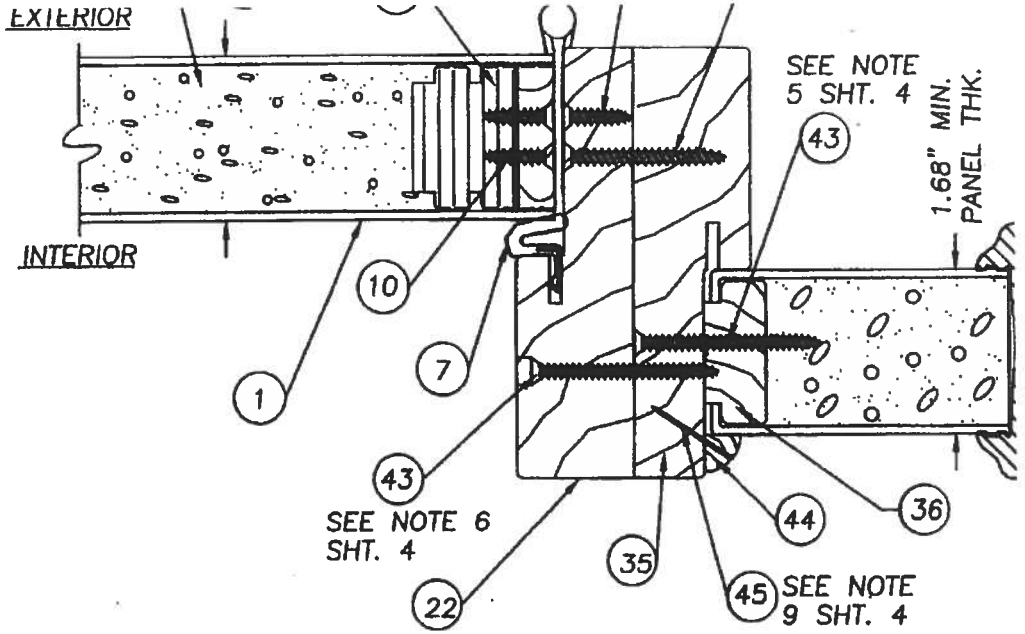
A1



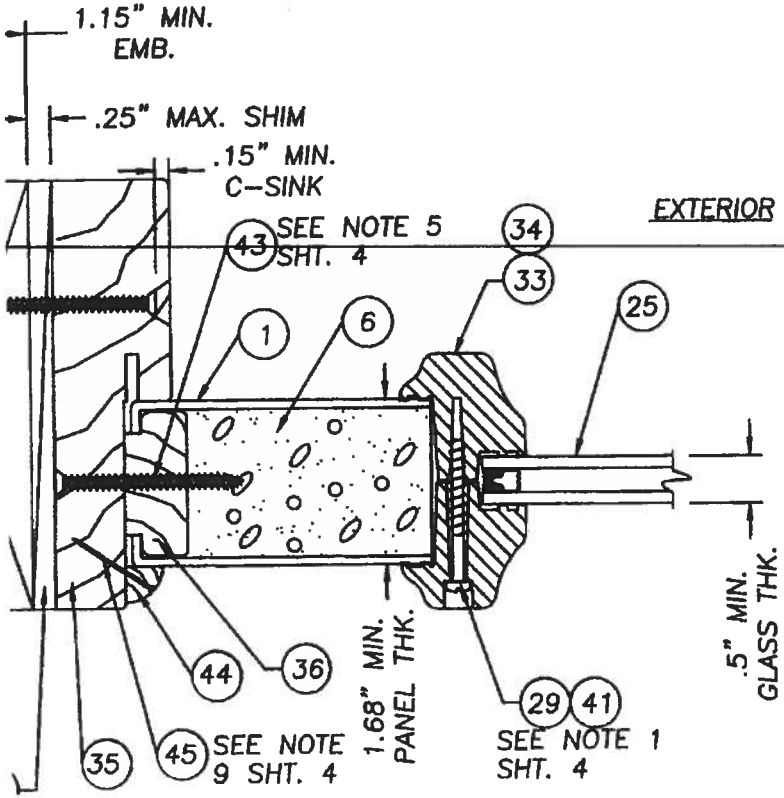
4	HINGE STILE (THERMA-TRU, LVL OR LSL & OAK 1.50" x
5	BOTTOM RAIL (1.50" x .94" THERMA-TRU WOOD COMPOSI
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-TRU
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)
9	4" x 4" HINGE .097" THK. (THERMA-TRU)
10	#10 x 3/4" lg. PFH WOOD SCREW (Hinge to Frame)
11	NOT USED
12	#10 x 2" LG. PFH WOOD SCREW
13	#8 x 2 1/2" LG. PFH WOOD SCREW
14	3/16" TAPCON ANCHOR (ELCO)
15	NOT USED
16	2x INNER WOOD BUCK
17	MAX. 1/4" SHIM MATERIAL
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK
19	ONE PIECE BUMP FACE THRESHOLD (THERMA-TRU) (NOT FOR USE IN "HIGH VELOCITY HURRICANE ZONES"
20	HEADER 4.656" x 1.211" (THERMA-TRU, PINE)
21	4.563" x 1.25" STRIKE JAMB (THERMA-TRU, PINE)
22	4.563" x 1.25" HINGE JAMB (THERMA-TRU, PINE)
23	KWIKSET TITAN 700 SERIES DEADBOLT
24	ASTRAGAL WINDJAMBER II WR80T (.052" WALL)
25	GLAZING, 1/2" INSULATED TEMPERED GLASS
26	NOT USED
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW
28	NOT USED
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM
30	NOT USED
31	3/16" TAPCON ANCHOR (ELCO, 2.5" MIN. LG.)
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)
34	PLASTIC LIP LITE FRAME (SMC THERMA-TRU)
35	4.656" x 1.211" BLANK JAMB (THERMA-TRU, PINE)
36	SIDELITE SIDE STILE (THERMA-TRU, 1.531" x .656" PINE)
37	#10 x 1 3/4" LG. PFH WOOD SCREW
38	SS. LATCH STILE (THERMA-TRU, WOOD COMPOSITE 1.531" x
39	HIGH WATER DAM THRESHOLD (USE IS REQUIRED IN "HIGH VELOCITY HURRICANE ZONES
40	SILICONE CAULK (DOW 795)
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34)
42	SIDELITE TOP & BOTTOM RAIL (THERMA-TRU, 1.531" x .656"
43	#8 x 2" LG. PFH WOOD SCREW
44	3/8" x 3/8" QUARTER ROUND FINGER JOINTED PINE
45	1" L. x .040" DIA. BRAD TRIM NAIL
46	IVES SURFACE BOLT #454 8.0" L. x .25" THK. STEEL
47	1/4-20 SEX BOLT W/1/4-20 FEMALE END x 1 3/4" L.

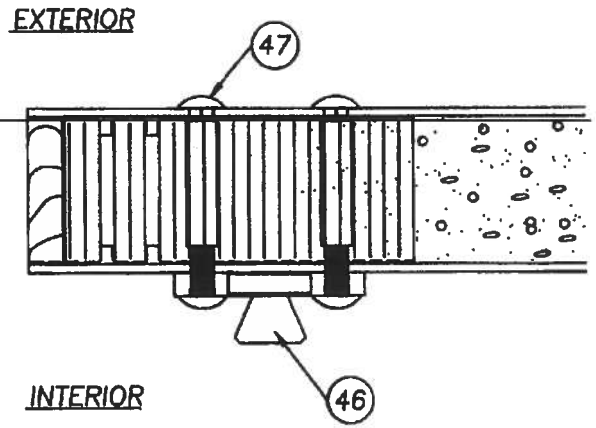


1/3 HORIZONTAL CROSS SECTION
@ ASTRAGAL
(SEE DESIGN PRESSURE RATE CHART)

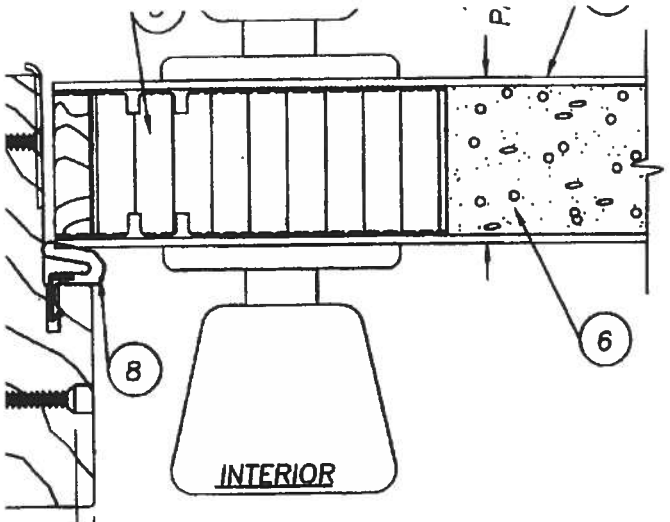


2/3 HORIZONTAL CROSS SI
@ HINGE JAMB TO SI



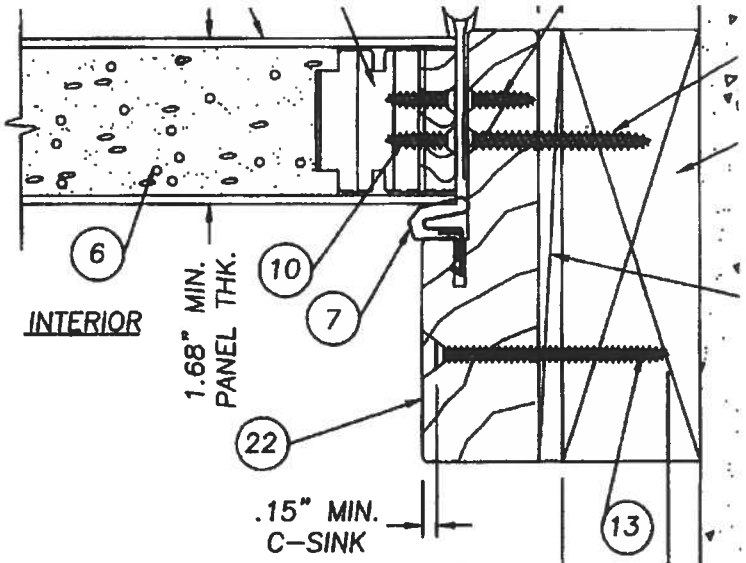


DETAIL "A"
OPTIONAL SURFACE BOLTS IN ACTIVE
(SEE DESIGN PRESSURE CHART)



1/4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,

15" MIN.
EMBED.

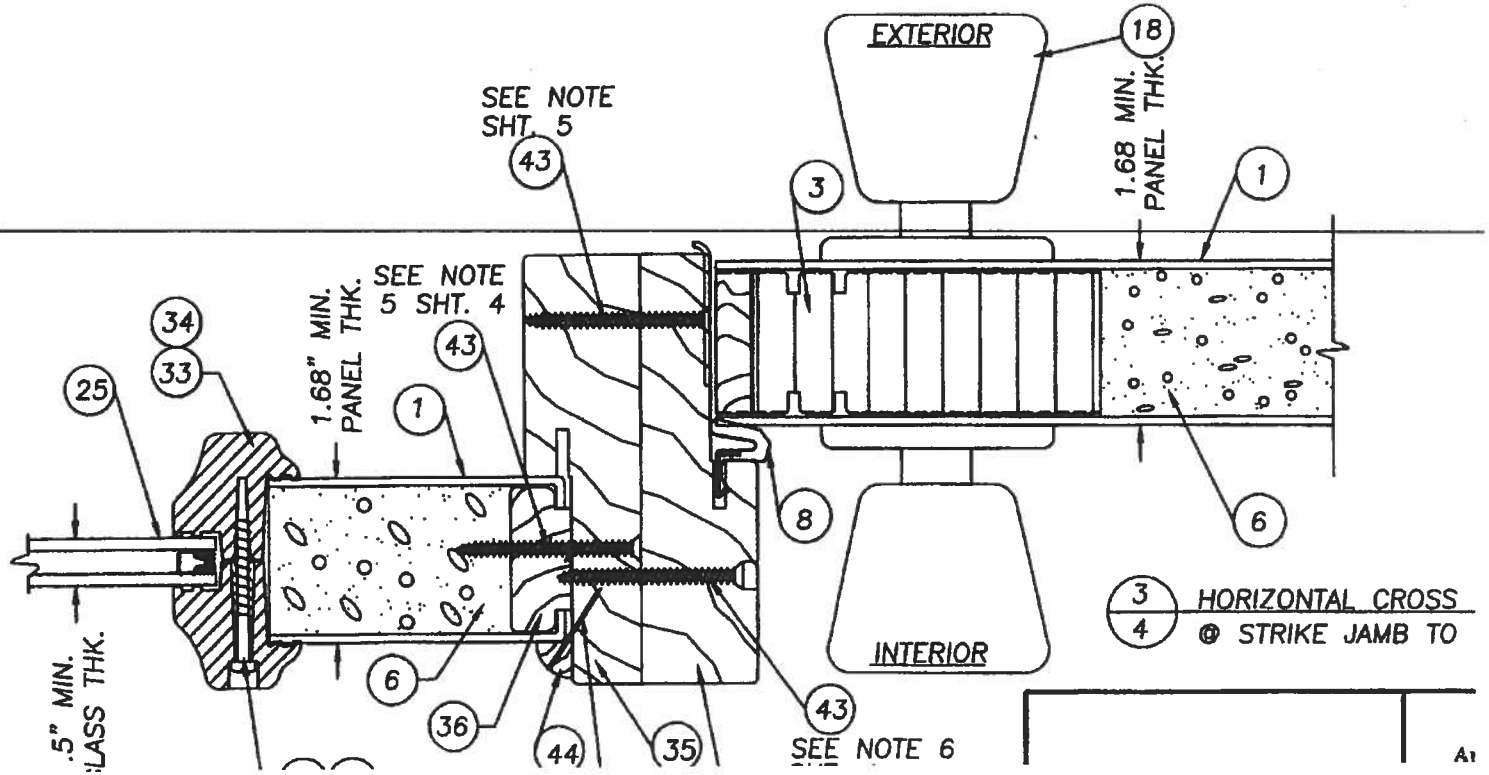


2/4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,

CREWS) IS AS FOLLOWS: FROM
6.5", WITH (7) MORE SPACED
(2) SCREW BOTH TOP AND
EACH CORNER.
1" PANHEAD SCREW
THE INACTIVE DOOR IS AS
OWN 1", 3", 5", 18.25", 54"
".
TO THE SIDE JAMBS WITH

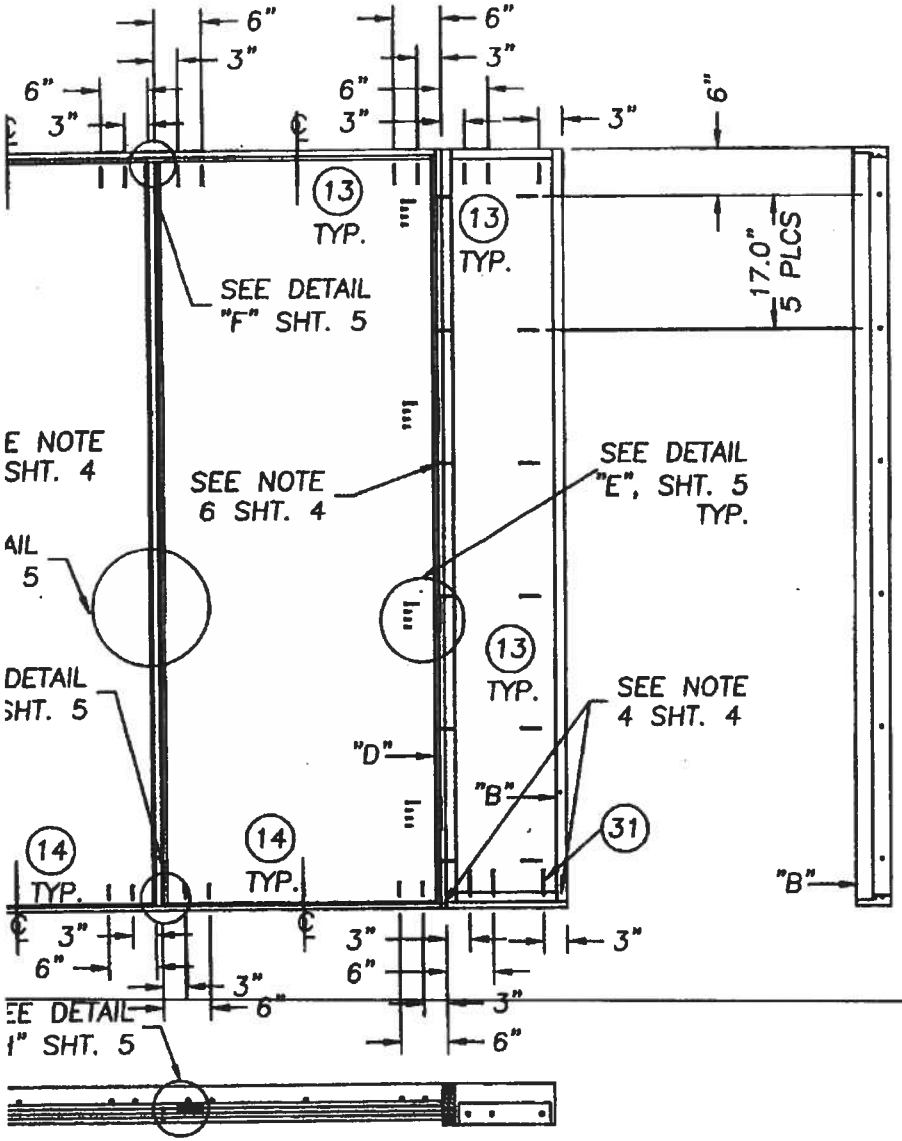
TO THE SIDE JAMBS WITH

INTO THE JAMB WITH (12)
. THERE ARE (4) AT
THE TOP DOWN AT 13.5",
(2) AT THE HEADER AT 4"
S OF THE FRAME. THERE ARE
THE OUTSIDE CORNERS.
W SECURING THE MULLIONS
THE PERIMETER ANCHORING
IE TOP AND UP FROM THE
ACED AT 16.9" O.C.
TO THE JAMB AND THE BUCK
N ATTACHING THE HINGE TO
AT THE MULLION USE ITEM

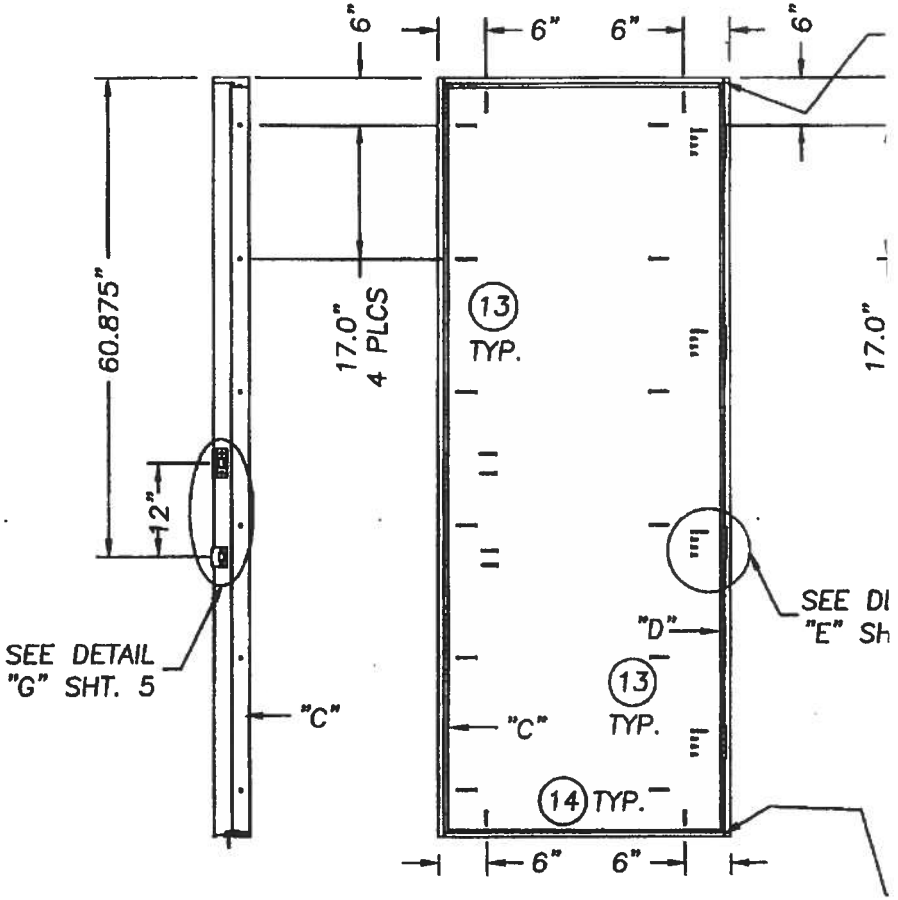


3/4 HORIZONTAL CROSS
@ STRIKE JAMB TO

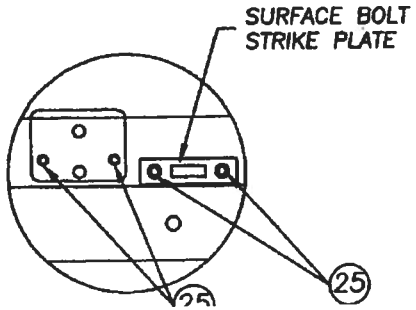
A1

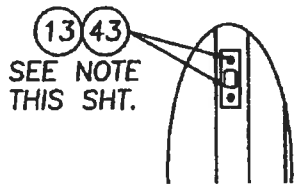


UBLE DOOR W/SIDELITES

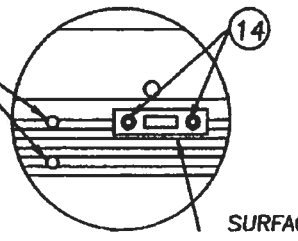


SINGLE DOOR

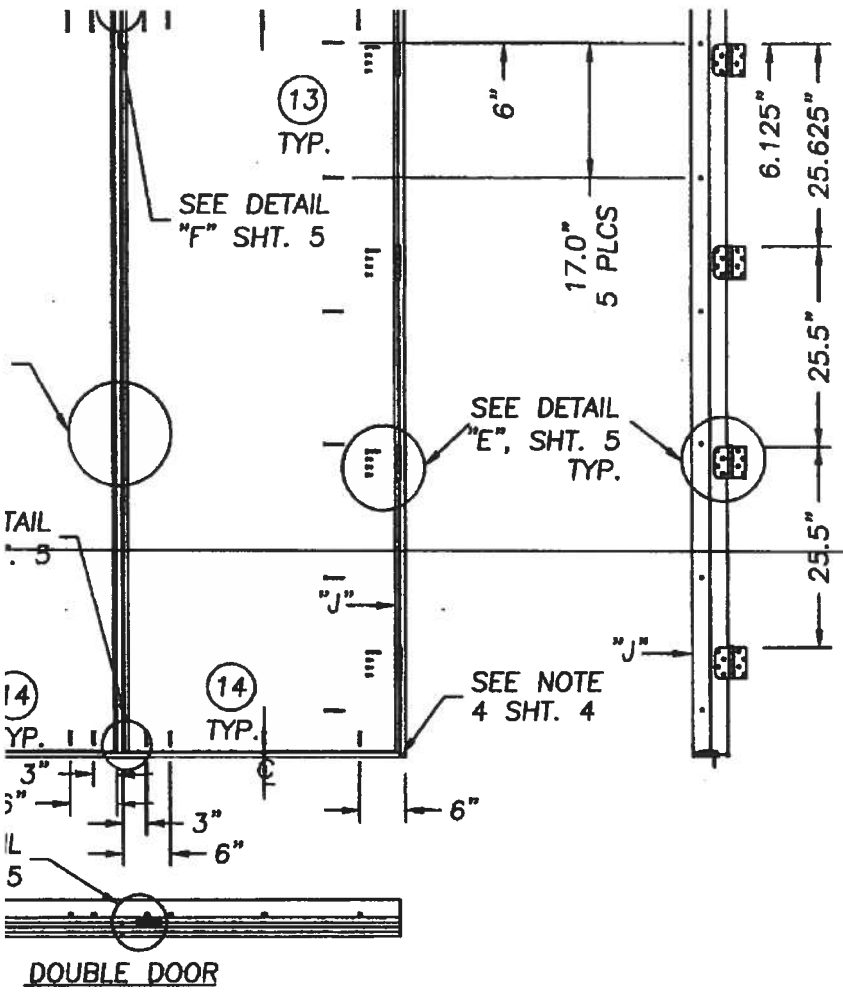




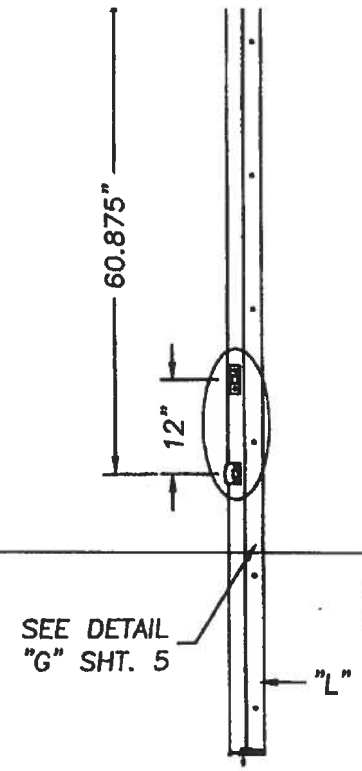
DRILL THRU FOR A ø.357" BOLT DEEP ENOUGH FOR A 2" BOLT THROW

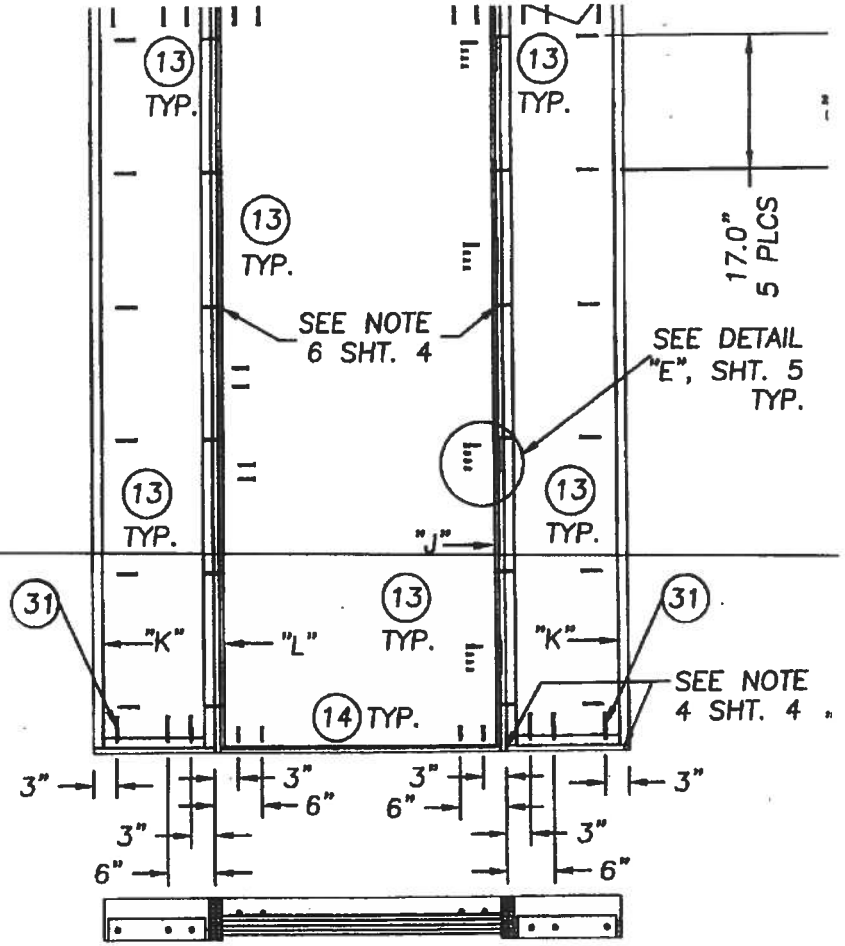


NOTE:
USE #8 x 2 1/2" PFH WOOD SCR
STRIKE AND DEADBOLT PLATES TO
ASTRAGAL EXCEPT IN THE MULLED
THE SIDELITE USE #8 x 2" PFH W

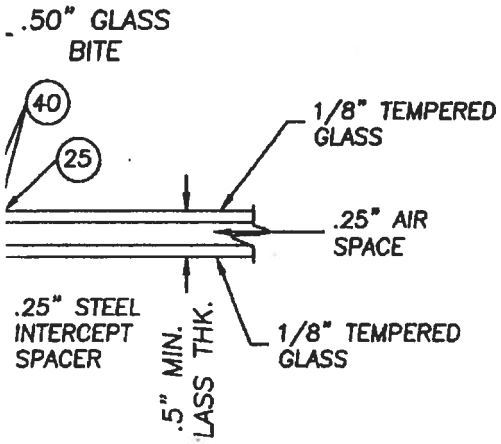


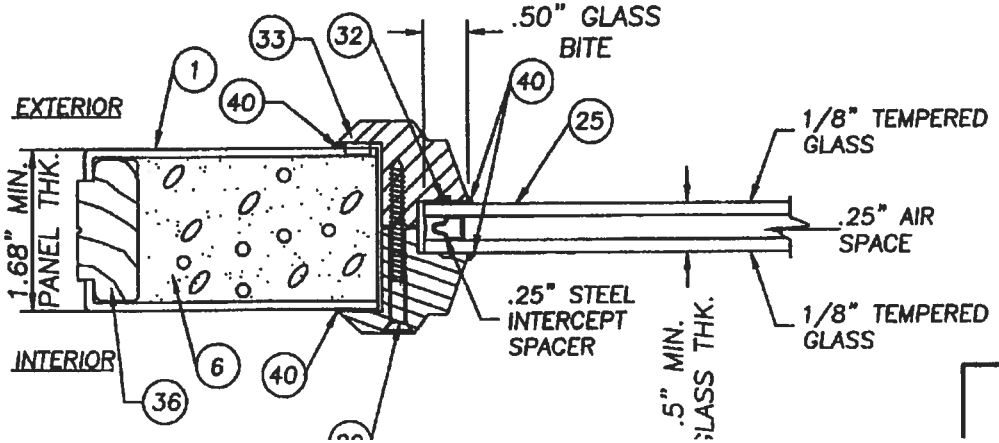
DOUBLE DOOR



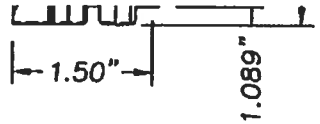


SINGLE DOOR W/SIDELITES





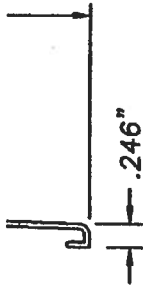
Approv

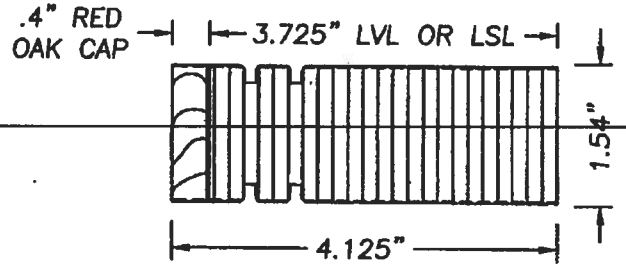


4

HINGE SIDE STILE

CORE MATERIAL: LVL OR LSL
ALTERNATE CORE MATERIAL: PONDEROSA, RADIATA, PULAI, ELLIOTTII, TAEDA OR SUGAR PINE, DOUGLAS OR WHITE FIR, CEDAR, INCENSE CEDAR OR REDWOOD.

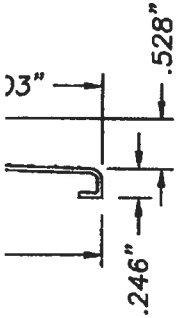


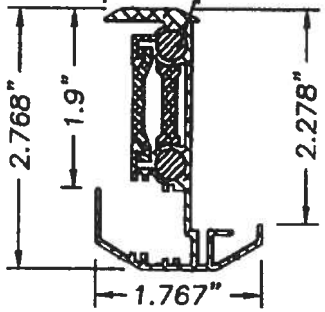


3

LATCH SIDE STILE/ LOCK BLOCK

LVL OR LSL W/ KILN DRIED RED OAK CAP

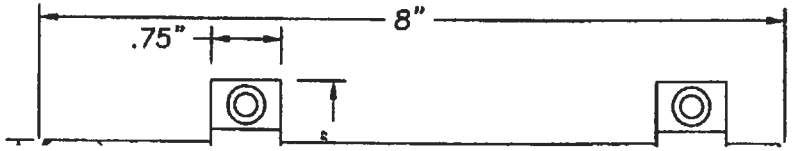




24

WINDJAMBER II WR80T

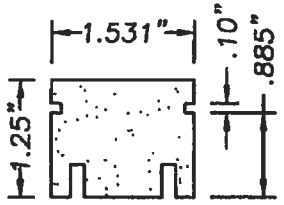
ASTRAGAL (ALUMINUM .052" WALL TYP.)



2

TOP RAIL

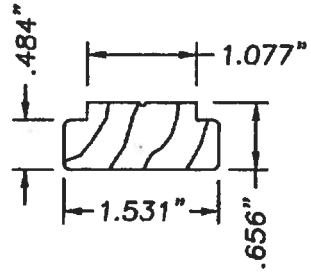
WOOD COMPOSITE



5

BOTTOM RAIL

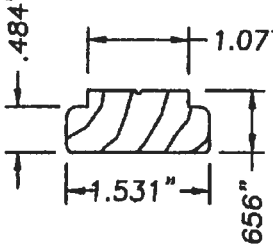
WOOD COMPOSITE



42

SIDELITE TOP & BOTTOM RAIL

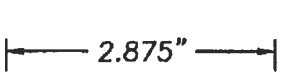
FINGER JOINTED PONDEROSA PINE

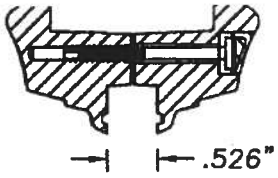


36

SIDELITE BLANK SIDE STILE

FINGER JOINTED PONDEROSA PINE

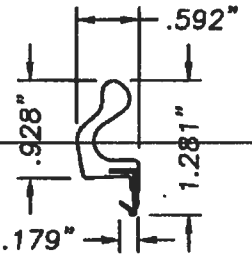




34

PLASTIC LIP LITE FRAME

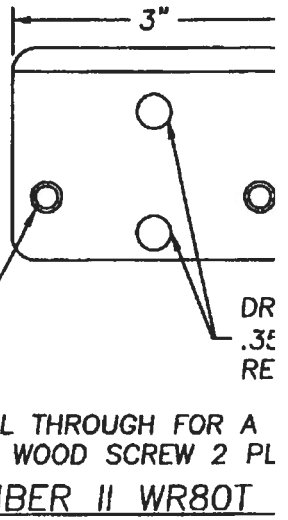
EXTRUDED SMC



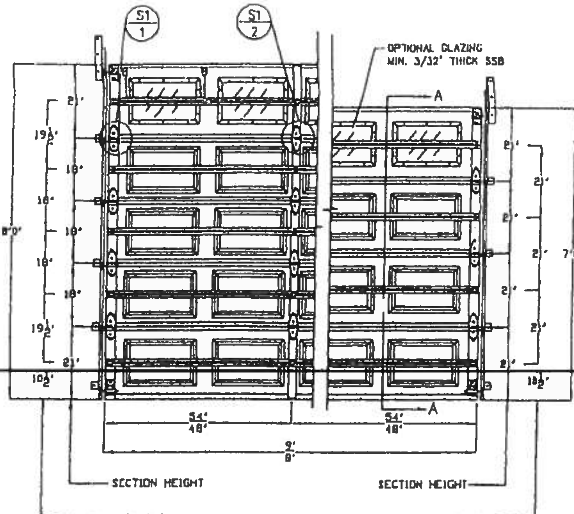
8

LONG REACH COMPRESSION WEATHERSTRIP

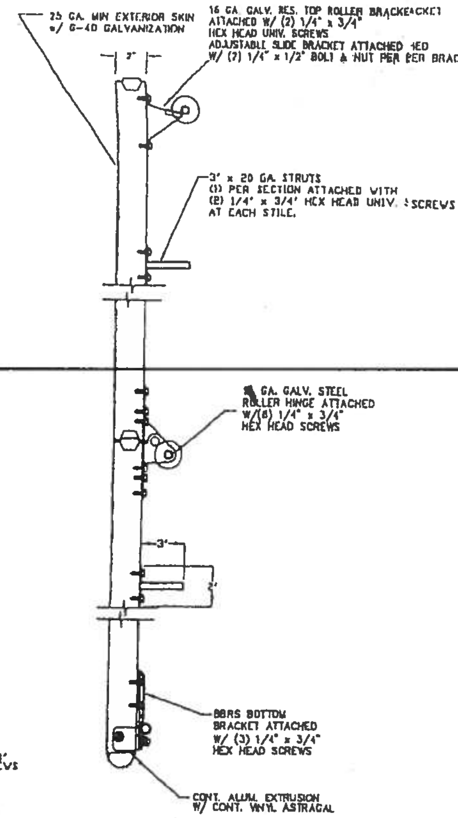
FOAM CELL CORE W/VINYL JACKET



WINDJAMBER II WR80T



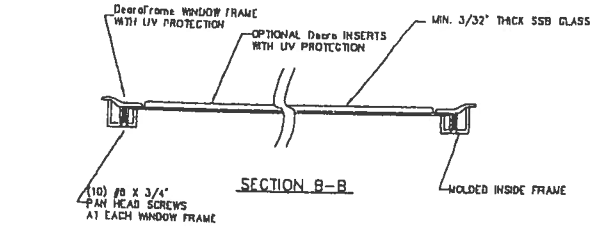
INSIDE ELEVATION



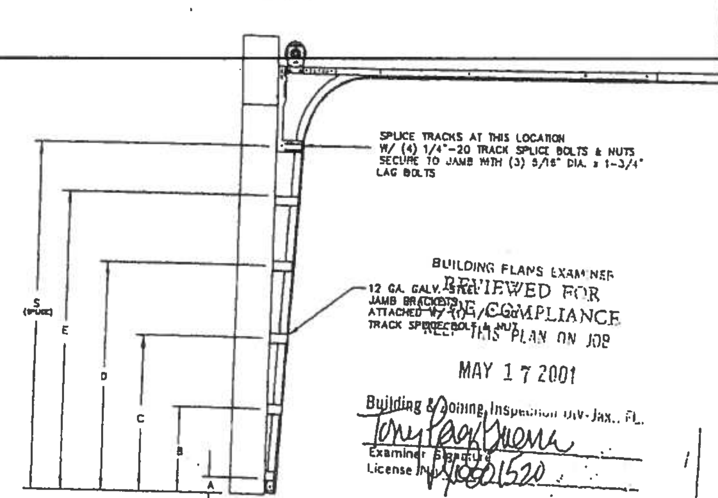
SECTION A-A (SIDE VIEW)

GLAZING OPTION CROSS SECTION

TEST No. SBC-580-011 ON OCTOBER 12, 1995 INCLUDED GLASS WINDOWS IN THE DOOR BEING USED. THE TEST PRESSURES WERE +48.4 PSF AND -54.7 PSF. BY COMPARISON, FOUR (4) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF THE 9' X 7' AND 9' x 8' MODEL 600 AND 950 DOORS.



SECTION B-B

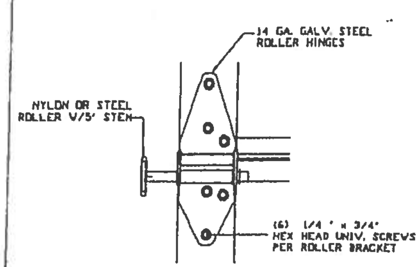


BUILDING PLANS EXAMINER
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON JOB
MAY 1 7 2001
Building & Zoning Inspection Div-Jax., FL.
Examiner Signature
License No.

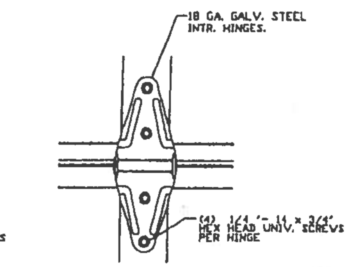
TRACK CONFIGURATION FOR 6'6" UP TO 8' TALL DOORS

JAMB BRACKET LOCATIONS

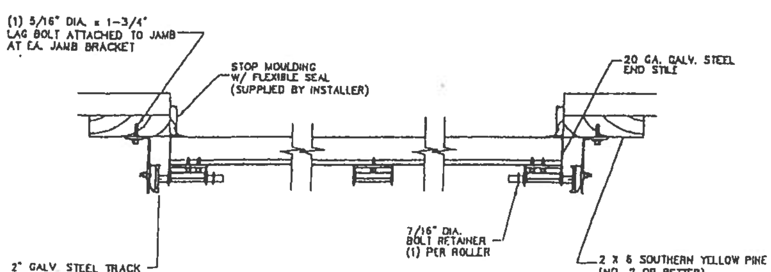
	A	B	C	D	E	S
6'-6'	4'	21-1/2'	39'	57'		70'
7'-0'	4'	21-1/2'	42'	63'		76'
7'-6'	4'	18'	36'	54'	72'	82'
8'-0'	4'	21-1/2'	39'	57'	75'	88'



TYP. ROLLER BRACKET (S1/1)
N.T.S.



TYP. HINGE CONNECTION (S1/2)
N.T.S.



TRACK MOUNTING DETAIL

WOOD JAMB ATTACHMENT TO STRUCTURE

RATED FOR 110 MPH FASTEST-MILE BASIC WIND SPEEDS

VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" C.L.C.

VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C.
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET RED HEAD 3/8" X 3" STARTING 6" FROM ENDS THEN 24" O.C.

VERTICAL JAMB ATTACHMENT TO C-90 BLOCK
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET TAPCON 1/4" X 2-3/4" STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 24" O.C.

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS

SPECIFICATIONS AND NOTES

1. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
2. DOOR SECTIONS SHALL BE 25 GA. (.019") MIN. ROLL FORMED LIGHT COMMERCIAL QUALITY. G-40 GALVANIZATION.
3. DOORS UPTO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN.
4. DOORS UPTO 8'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN.
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
6. THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330-90, AND THE SOUTHERN BUILDING CODE SECTION 1606 WIND LOAD DESIGN CRITERIA. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING THE FOLLOWING PARAMETERS:
   - A. BASIC WIND SPEED OF 110 MPH
   - B. DOOR CAN BE INSTALLED WITH 8 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
   - C. 15' MEAN ROOF HEIGHT AT ANY SLOPE
   - D. USE FACTOR OF 1.0
   - E. EXPOSURE RATING OF C

MAX SIZE 9' x 8'

DESIGN LOADS
+28.7 PSF
-31.3 PSF

TEST LOADS
+43.0 PSF
-46.9 PSF

LT	DESCRIPTION & REVISIONS	DATE	BY

Amarr

MODEL #600 STRATFORD
MODEL #950 HERITAGE III

SIZE	DRAWN BY	DATE	DRAWING NUMBER
8	CHECKED BY	DATE	SBC-580-007-J
SCALE: NOT TO SCALE			SHEET 1 OF 1

TAMKO®
ROOFING PRODUCTS

January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

Effective February 1, 2002, the following TAMKO shingles, as manufactured at TAMK(s Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. esting was conducted using four nails per shingle. These shingles also comply with Florida Buil ıg Code TAS 100 for wind driven rain.

- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

All testing was performed by Florida State certified independent labs.

Please direct all questions to TAMKO's Technical Services Department at 1-800-641-46

TAMKO Roofing Products, Inc.

2300 35th STREET P.O. BOX 2149 TUSCALOOSA, AL 35403-2149 205-752-3555 FAX 205-349-2049

Inswing

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)

Therma-Tru Corporation
1687 Woodlands Drive
Maumee, Ohio 43537

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: "Classic Craft" Opaque Fiberglass Door 8'0 Inswing

APPROVAL DOCUMENT: Drawing No. S-2179, titled "Classic Craft Opaque" Single & Double Inswing 8'0 Fiberglass Door", sheets 1 through 7, prepared by RW Building Consultants, Inc., dated 3/18/02, 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: 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.

The submitted documentation was reviewed by **Raul Rodriguez**

ET THE SOUTH FLORIDA
MIAMI–DADE COUNTY.
E ANCHORED PROPERLY
CTURE.
.ISTED AND SPACED AS
DMENT TO BASE MATERIAL
OR STUCCO.
ABLE PAGE 1.
E WATER REQUIREMENTS

ISTANT SHUTTERS ARE REQUIRED.
I BE USED IN A

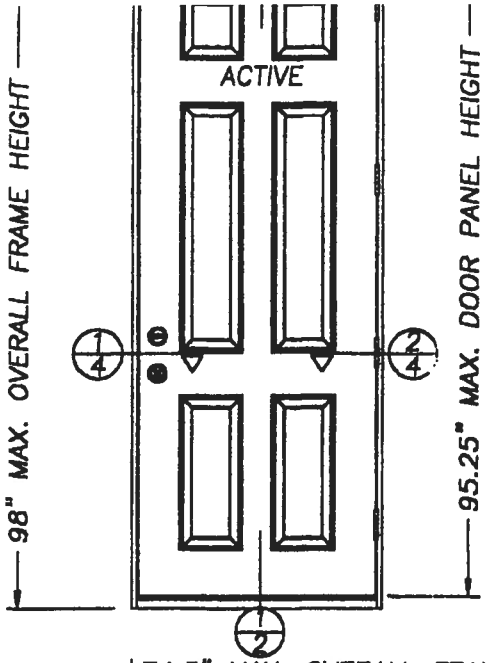
LOCATIONS PROTECTED BY
THE ANGLE BETWEEN THE EDGE
IS LESS THAN 45 DEGREES.
–HABITABLE AREAS WHERE THE
D TO ACCEPT WATER INFILTRATION.

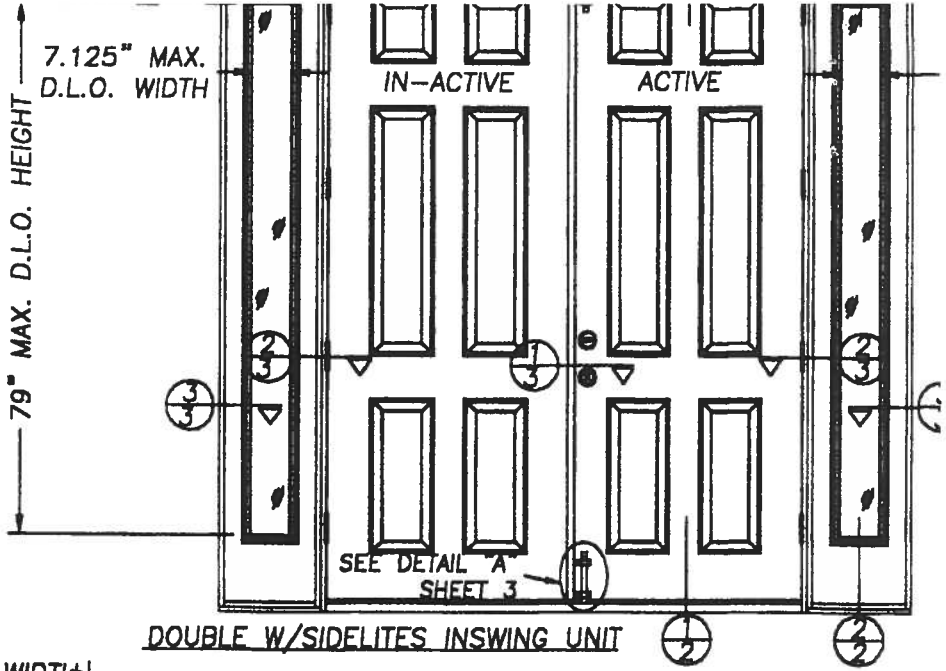
RGLASS DOOR
onditions)

num thickness, with yield strength

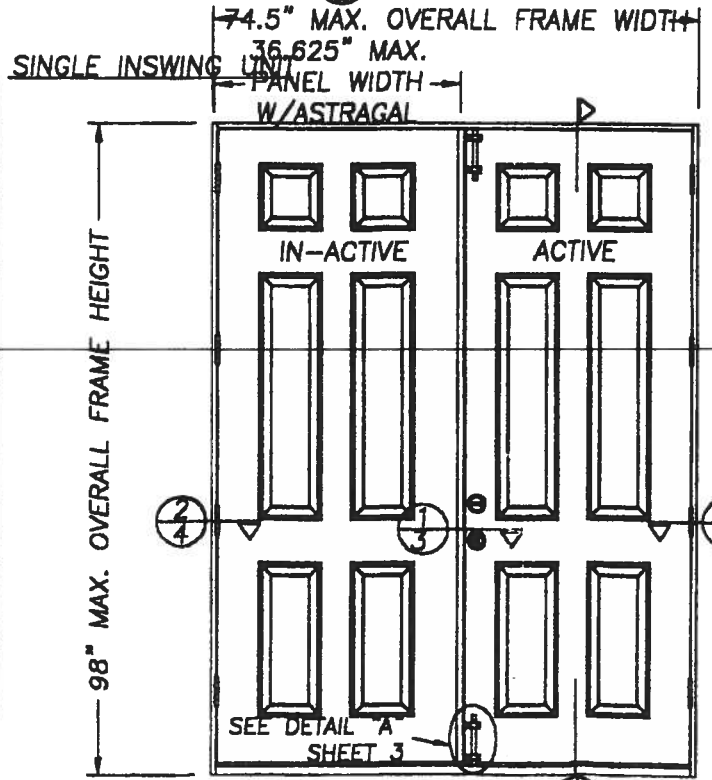
11.9 lbs. density by BASF.
structed from a sheet molding
thk. is filled with 1.9 lbs. density
sheets are glued to the wood stiles
LVL or LSL. The latch stile which is
. The top and bottom rail are of a
oor application the inactive door
agal of 6060–T6 alloy.
cted from finger jointed pine. The
(3) #8 x 2 1/2" long screw at each
n a sidelite application using
ws per each mullion. The units uses
75" x 1.548".
ndwich glazed using a two piece lip
ed on the exterior with an 1/8"
d with Dow 795 silicone compond
ne to the sidelite panel & to the
with a #8 x 1 1/2" long Plascrew

CONTENTS
CRIPTION
GENERAL NOTES



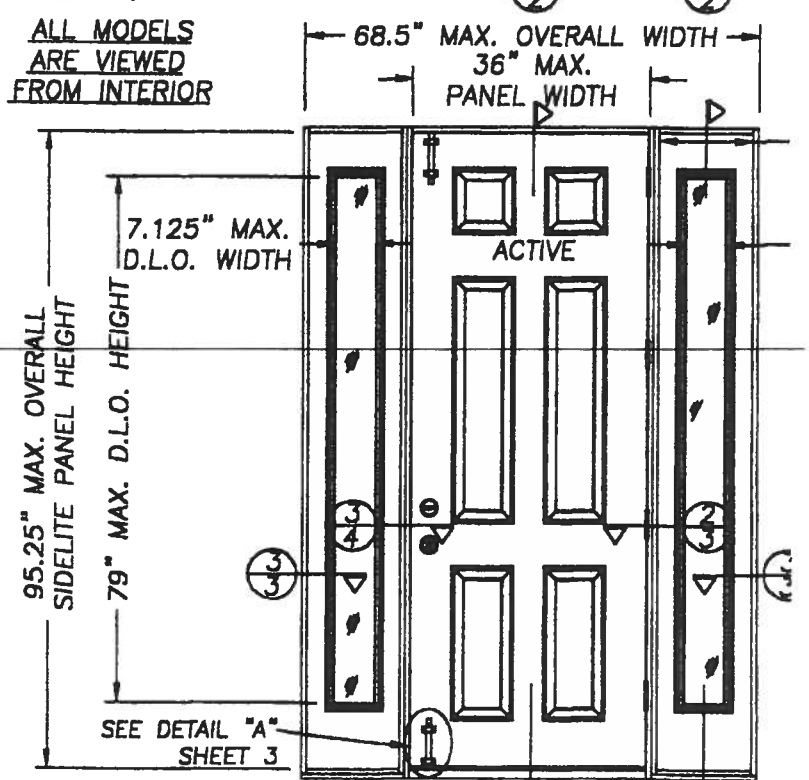


DOUBLE W/SIDELITES INSWING UNIT

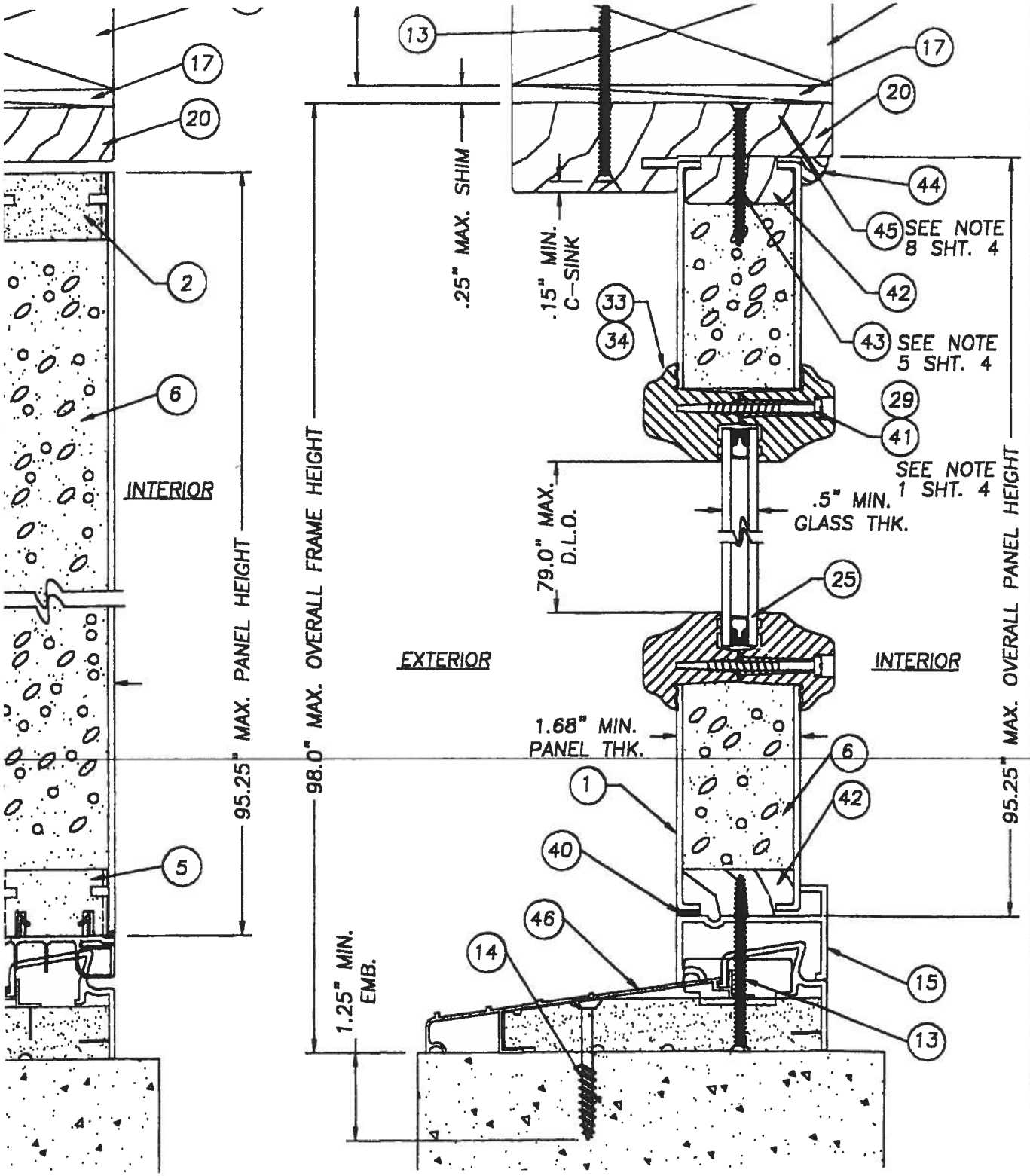


DOUBLE INSWING UNIT

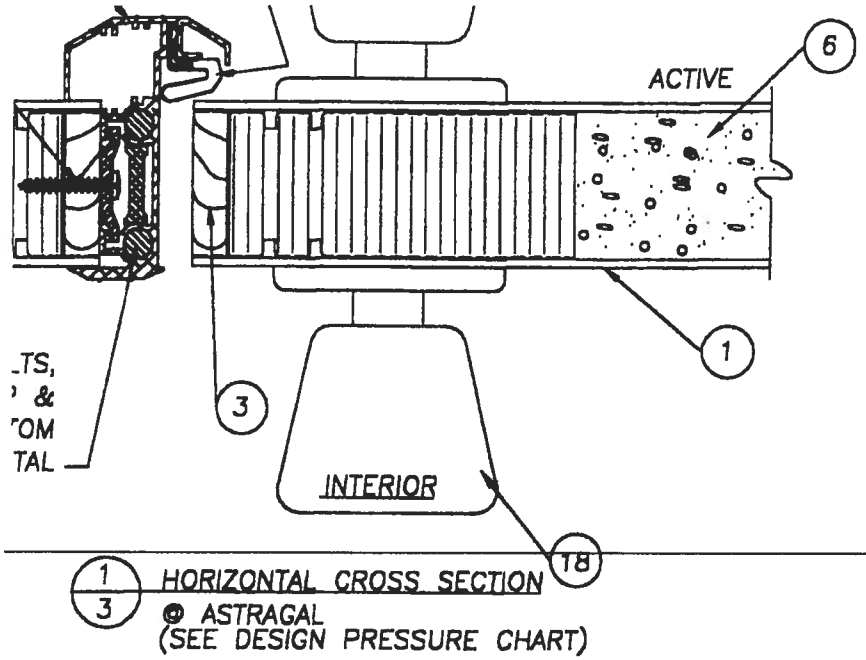
ALL MODELS
ARE VIEWED
FROM INTERIOR



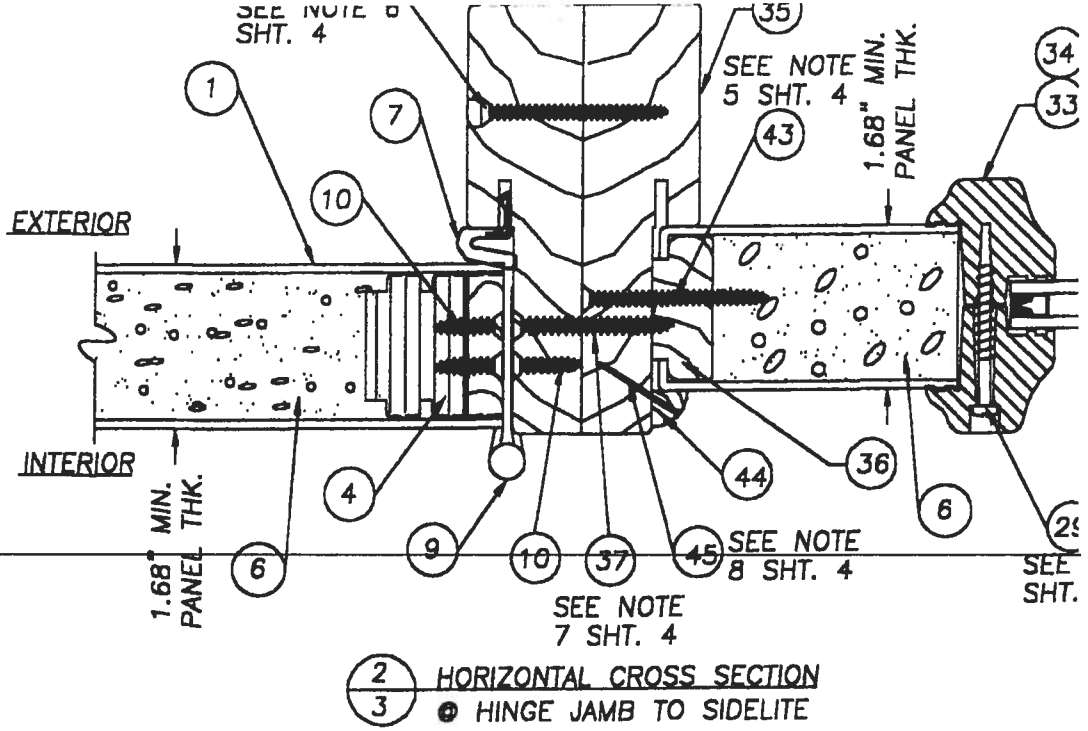
SINGLE W/SIDELITES INSWING UNIT



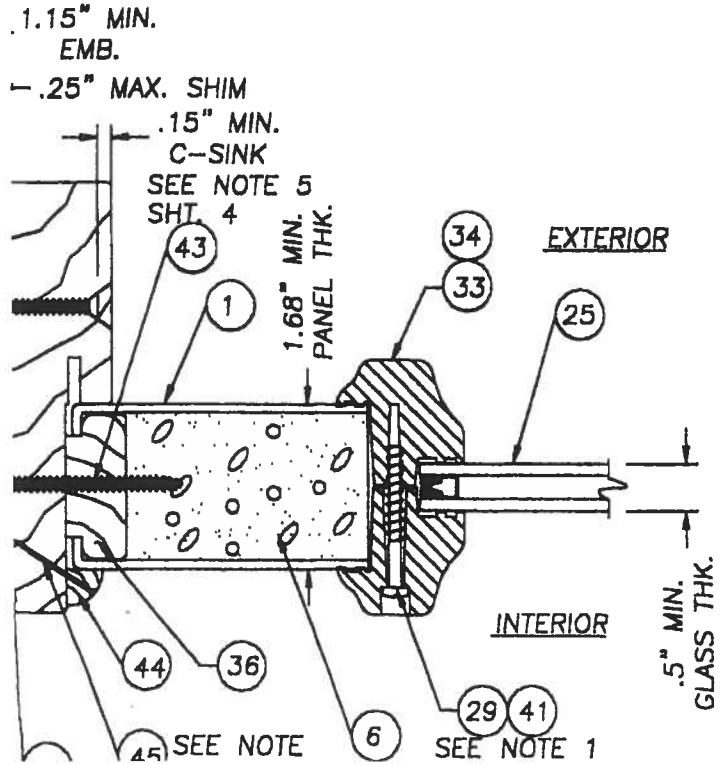
3	LATCH STILE/LOCK BLOCK (THERMA-TRU, LVL OR LSL & OAK 1.50" x 4.
4	HINGE STILE (THERMA-TRU, LVL OR LSL & OAK 1.50" x 1.50")
5	BOTTOM RAIL (1.50" x .94" THERMA-TRU WOOD COMPOSITE)
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSIT
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TI
9	4" x 4" HINGE .097" THK. (THERMA-TRU)
10	#10 x 3/4" lg. PFH WOOD SCREW (Hinge to Frame)
11	#10 x 1" LG. PFH WOOD SCREW
12	#10 x 2" LG. PFH WOOD SCREW
13	#8 x 2 1/2" LG. PFH WOOD SCREW
14	3/16" TAPCON ANCHOR (ELCO)
15	SIDELITE BOTTOM BOOT .090" EXTRUDED VIN
16	2x INNER WOOD BUCK
17	MAX. 1/4" SHIM MATERIAL
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK
19	NOT USED
20	HEADER 4.656" x 1.211" (THERMA-TRU, PONDEROSA P
21	4.563" x 1.25" STRIKE JAMB (THERMA-TRU, PONDEROSA I
22	4.563" x 1.25" HINGE JAMB (THERMA-TRU, PONDEROSA P
23	KWIKSET TITAN 700 SERIES DEADBOLT
24	ASTRAGAL WINDJAMBER II WR80T (.052" WAL
25	GLAZING, 1/2" INSULATED TEMPERED GLASS
26	NOT USED
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW
28	NOT USED
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM #
30	NOT USED
31	NOT USED
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)
34	PLASTIC LIP LITE FRAME (SMC, THERMA-TRU)
35	4.656" x 1.211" BLANK JAMB (THERMA-TRU, PONDEROSA
36	SIDELITE SIDE STILE (THERMA-TRU, 1.531" x .656" PONDEROSA
37	#10 x 1 3/4" LG. PFH WOOD SCREW
38	SS. LATCH STILE (THERMA-TRU, WOOD COMPOSITE 1.531" x 4.0
39	NOT USED
40	SILICONE CAULK (DOW 795)
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34
42	SIDELITE TOP & BOTTOM RAIL (THERMA-TRU, 1.531" x .656" PONDEROSA
43	#8 x 2" LG. PFH WOOD SCREW
44	3/8" x 3/8" QUARTER ROUND FINGER JOINTED F
45	1" L. x .040" DIA. BRAD TRIM NAIL
46	SELF ADJUSTING INSWING SADDLE THRESHOLD
47	INSWING DOOR BOTTOM SWEEP
48	IVES SURFACE BOLT #454 .25 STEEL
49	1/4-20 SEX BOLT W/ 1/4-20 FEMALE ENI

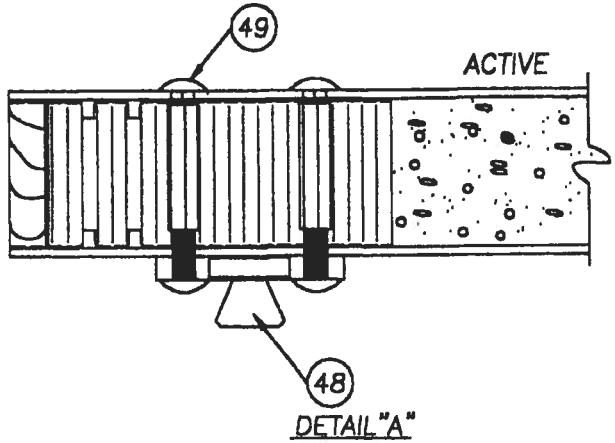


1/3 HORIZONTAL CROSS SECTION
@ ASTRAGAL
(SEE DESIGN PRESSURE CHART)

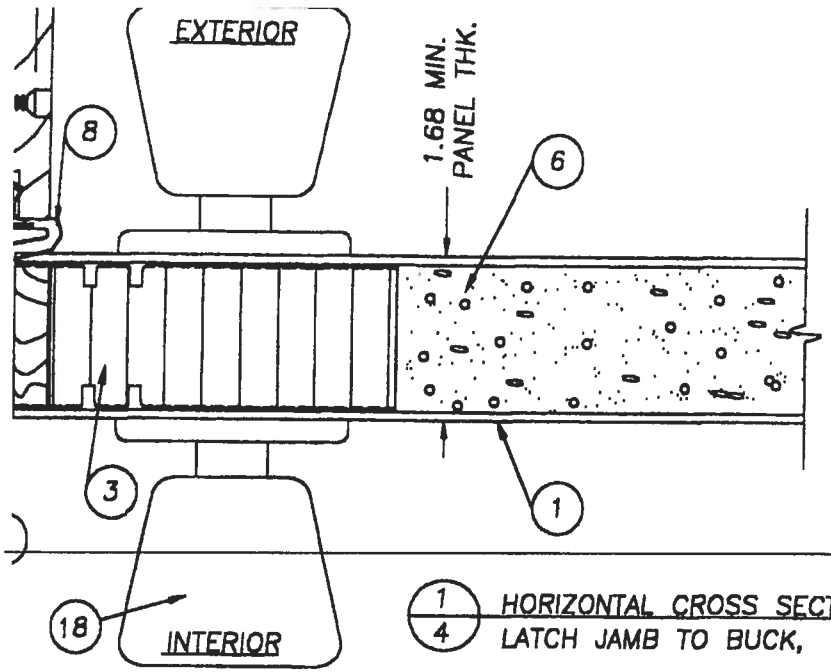


2/3 HORIZONTAL CROSS SECTION
@ HINGE JAMB TO SIDELITE

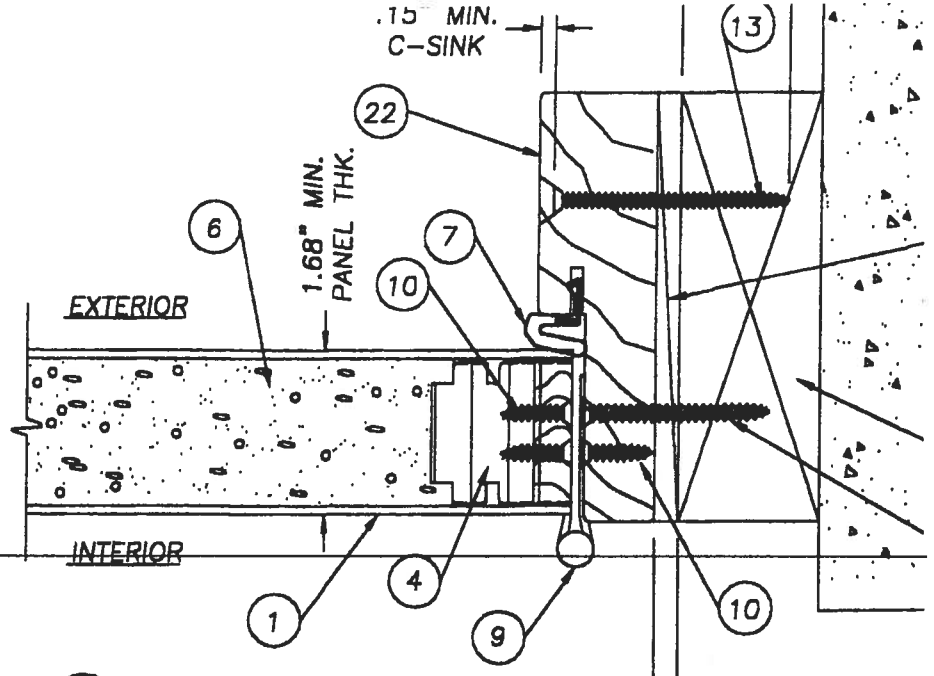




DETAIL "A"
OPTIONAL SURFACE BOLTS IN ACTIVE PANEL
(SEE DESIGN PRESSURE CHART)



1/4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,



2/4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,

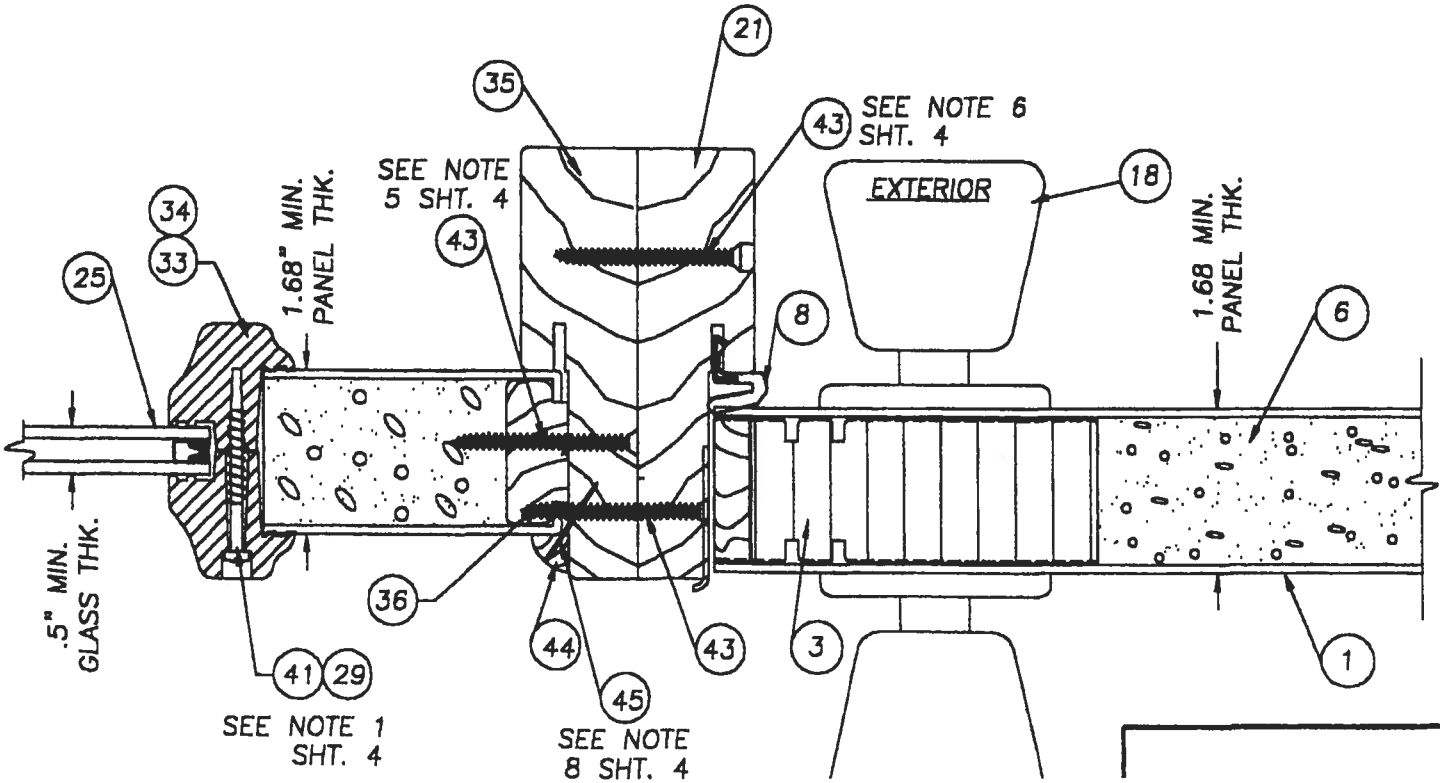
.25" MAX. SHIM SPACE

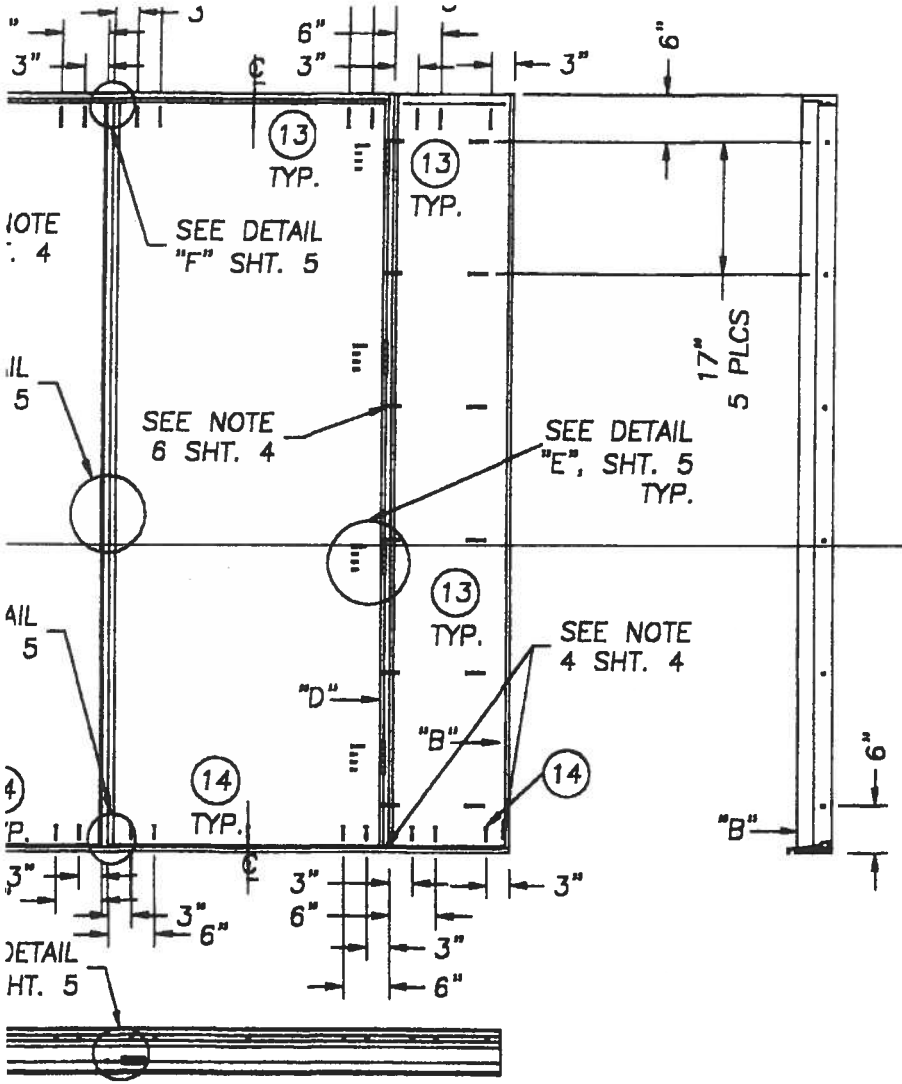
) IS AS FOLLOWS: FROM
WITH (7) MORE SPACED
CREWS BOTH TOP AND
CORNER.
CREW
INACTIVE DOOR IS AS
", 3", 5", 18.25", 54"

HE SIDE JAMBS WITH

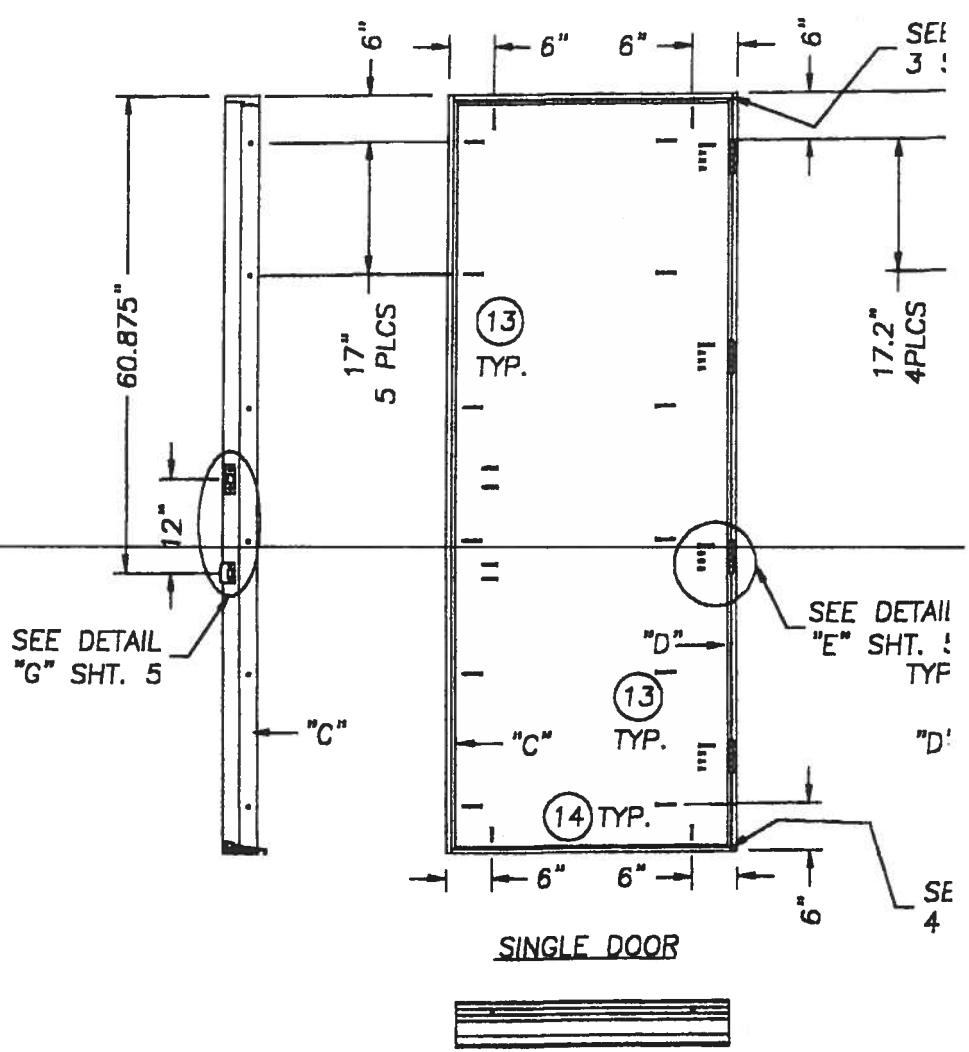
HE SIDE JAMBS WITH

THE JAMB WITH (12)
RE ARE (4) AT
OP DOWN AT 13.5",
T THE HEADER AT 4"
THE FRAME. THERE ARE
JTSIDE CORNERS.
URING THE MULLIONS
ERIMETER ANCHORING
AND UP FROM THE
T 16.9" O.C.
E JAMB AND THE BUCK
CHING THE HINGE TO

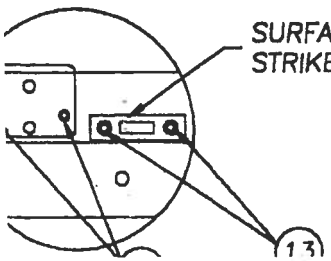


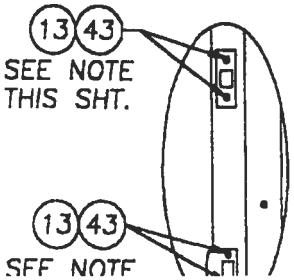


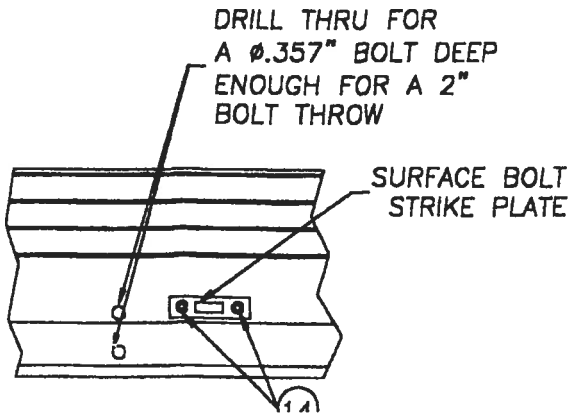
E DOOR W/SIDELITES



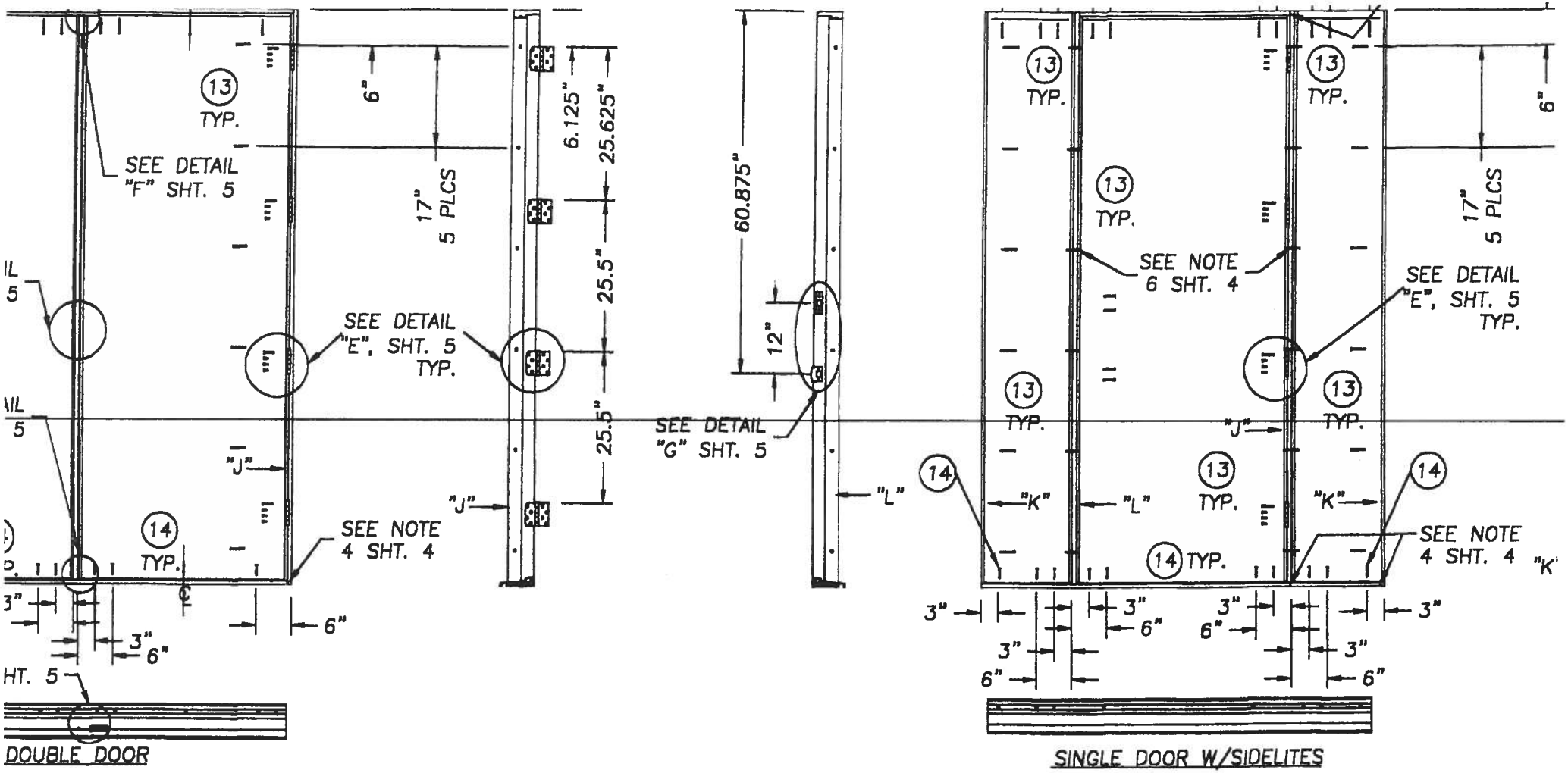
SINGLE DOOR

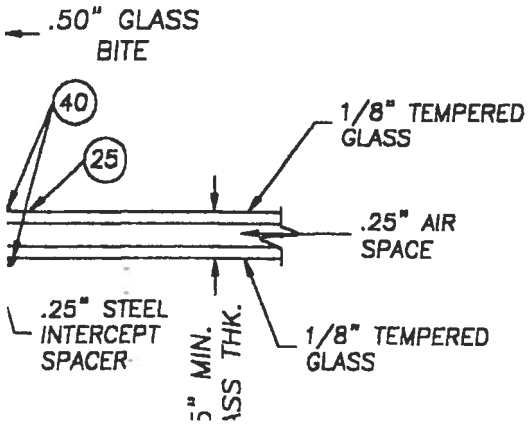


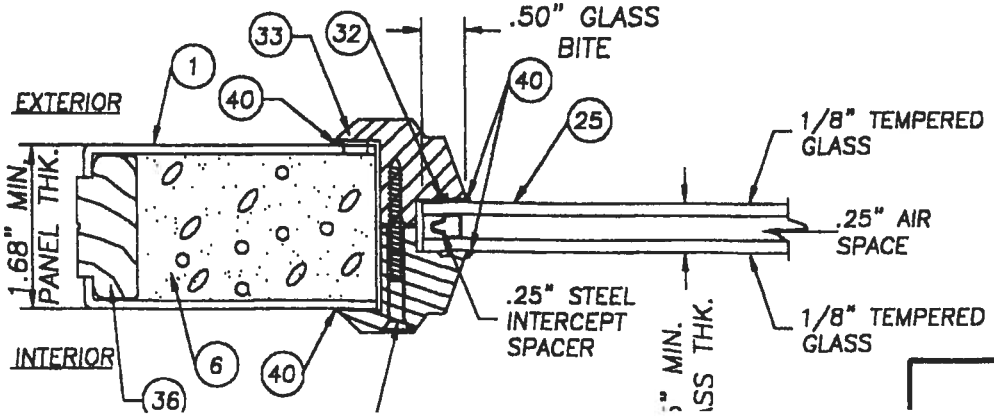


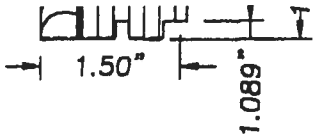


NOTE:
USE ITEM #13 A #8 x 2 1/2" PFH W
ATTACH THE STRIKE AND DEADBOLT PL
JAMB OR ASTRAGAL EXCEPT IN THE MU
APPLICATION WITH THE SIDELITE USE IT
2" PFH WOOD SCREW.


13 TYP.
SEE DETAIL "F" SHT. 5
6"
17" 5 PLCS
6.125"
25.625"
25.5"
25.5"
SEE DETAIL "E", SHT. 5 TYP.
"J"
14 TYP.
SEE NOTE 4 SHT. 4
3"
6"
3"
6"
DOUBLE DOOR
60.875"
12"
SEE DETAIL "G" SHT. 5
"L"
13 TYP.
SEE NOTE 6 SHT. 4
SEE DETAIL "E", SHT. 5 TYP.
"K"
"L"
"J"
14
SEE NOTE 4 SHT. 4
SINGLE DOOR W/SIDELITES

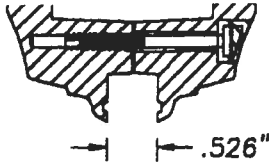

.50" GLASS BITE
40
25
1/8" TEMPERED GLASS
.25" AIR SPACE
.25" STEEL INTERCEPT SPACER
1/8" TEMPERED GLASS


33
32
1
40
.50" GLASS BITE
40
25
EXTERIOR
1.68" MIN. PANEL THK.
1/8" TEMPERED GLASS
.25" AIR SPACE
.25" STEEL INTERCEPT SPACER
1/8" TEMPERED GLASS
INTERIOR
6
40
36

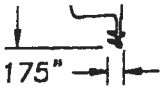


(4) HINGE SIDE STILE

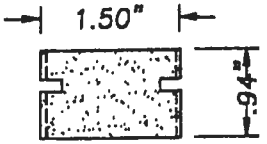
CORE MATERIAL: LVL OR LSL
ALTERNATE CORE MATERIAL: PONDEROSA, RADIATA, PULAI, ELLIOTTII, TAEDA OR SUGAR PINE, DOUGLAS OR WHITE FIR, CEDAR, INCENSE CEDAR OR REDWOOD.



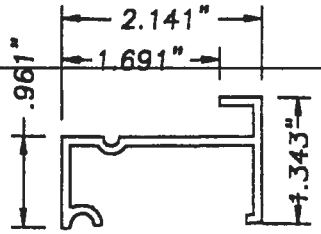
(34) PLASTIC LIP LITE FRAME
EXTRUDED SMC



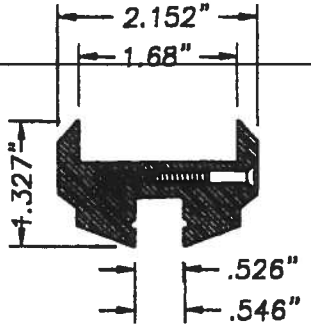
(7) COMPRESSION WEATHERSTRIP
BY THERMA-TRU
FOAM CELL CORE W/VINYL JACKET



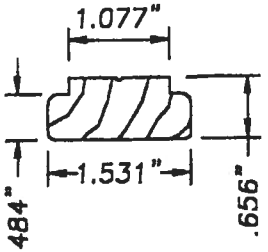
(2) TOP RAIL
WOOD COMPOSITE



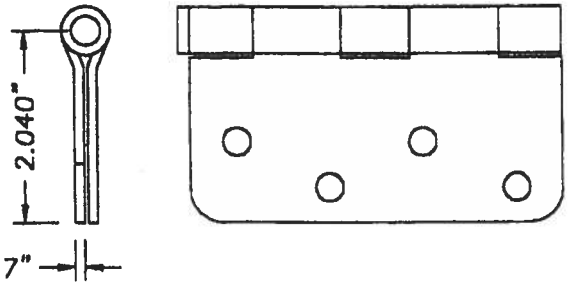
(15) INSWING SIDELITE
BOTTOM BOOT
0.09" EXTRUDED VINYL WALL



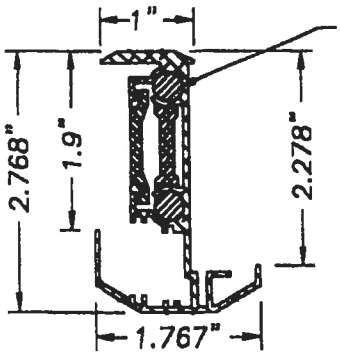
(33) PLASTIC LIP LITE FRAME
EXTRUDED PVC



(42) SIDELITE TOP
& BOTTOM RAIL



(9) 4 x 4 STEEL DOOR HINGE



(24) WINDJAMBER II WR80T
ASTRAGAL (ALUMINUM .052" WALL TYP.)