ck# 3826

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 06-10-04 Date Received 10/3/06 By GT Permit # 25091

Application Approved by - Zoning Official BLK Date 06.10.06 Plans Examiner OK JTH Date 10-6-06

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

Comments MH to be removed within 45 days after CO is issued.

1st Floor Elevation to be at 86' Elevation ~~Letter~~ Required

Applicants Name John Norris Phone 961-4519

Address 351 NW Corwin Gln L.C. Fl. 32055

Owners Name (Febon) Keith Dempsey Phone

911 Address 162 NW Don Hartway White Springs, Fl 32096

Contractors Name John Norris Phone

Address 351 NW Corwin Gln. LC Fl 32055

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address William Freeman

Mortgage Lenders Name & Address Monticello Bank - 327 S. Main St. Fitzgerald. Ga.

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

Property ID Number 24-25-15-00079-000 Estimated Cost of Construction 110,000.

Subdivision Name N/A Lot ____ Block ____ Unit ____ Phase ____

Driving Directions 41 North to Suwannee Valley Rd. Turn left Continue to Don Hart Loop turn Right - 1st lot on left

Type of Construction New Home SFD Number of Existing Dwellings on Property #1

Total Acreage 5 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 168' Side 78' Side 104' Rear 595'

Total Building Height 16' Number of Stories 1 Heated Floor Area 1788 TOTAL 2630 Roof Pitch 6'12

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.

John D Norris

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number RG 0066659

Competency Card Number 5556

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 3rd day of Oct 20 06.

Personally known ✓ or Produced Identification ____

NOTARY STAMP/SEAL

DALE TEDDER
MY COMMISSION # DD 373586
EXPIRES: June 28, 2008
Bonded Thru Atlantic Bonding Public Underwriters

Notary Signature

JW called JOHN 10.6.06

@ CAM112M01 S CamaUSA Appraisal System Columbia County
10/03/2006 8:16 **Legal Description Maintenance**

Year	T	Property	Sel
2006	R	24-2S-15-00079-000	
		162 DON HART WAY NW	
HX		DEMPSEY ROBERT K & KRISTAL L	

32120	**Land**	**002**	
	AG	**000**	
16132	**Bldg**	**001**	*
350	**Xfea**	**001**	
48602	**TOTAL**		**B***

1	COMM NE COR OF SE1/4 OF SW1/4,	RUN W 754.19 FT, S 43.81 FT TO	2
3	S R/W OF A CO GRD RD, CONT S	499.96 FT, E 246.71 FT FOR	4
5	POB, CONT E 887.66 FT TO W R/W	OF A CO GRD RD, S ALONG R/W	6
7	245.99 FT, W 890.19 FT, N	246 FT TO POB. ORB 924-2388,	8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt **5/09/2001 TERRY**

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

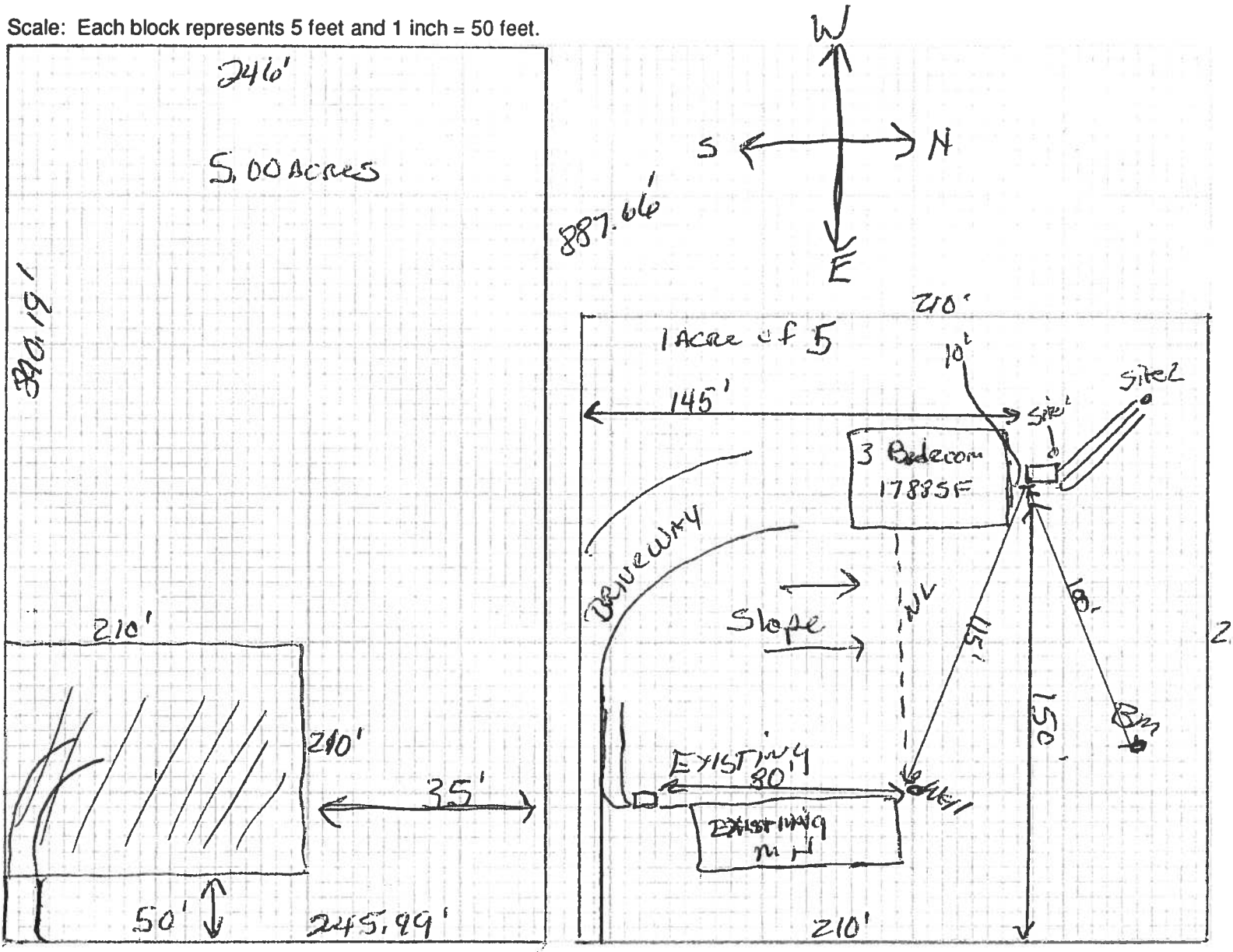
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-0876N

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: DOWNHART WAY DOWNHART WAY

Robert & KRISTAL Dempsey

24-2S-15-00079-000 17Y

Site Plan submitted by: Robert W Dempsey Agent
Signature Title

Plan Approved ✓ Not Approved _____ Date 10/3/06

By Mr S Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Dempsey Residence**	Builder:	**John Norris**
Address:	**Lot: , Sub: , Plat:**	Permitting Office:	Columbia
City, State:	**Lake City, Fl 32055-**	Permit Number:	
Owner:	**Dempsey, Keith and Krystal**	Jurisdiction Number:	221001
Climate Zone:	**North**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		3	
5. Is this a worst case?		Yes	
6. Conditioned floor area (ft²)		1788 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	186.0 ft²	0.0 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, 216.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 1728.0 ft²	
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1966.8 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 64.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 36.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 36.0 kBtu/hr	
	HSPF: 8.00	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 50.0 gallons	
	EF: 0.90	
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)	MZ-C, PT, CF.	

Glass/Floor Area: 0.10

Total as-built points: 22791
Total base points: 27789

PASS

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

PREPARED BY: Allyn Seeley

DATE: 9/27/10

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.

BUILDING OFFICIAL: _____

DATE: _____

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, Fl, 32055-** 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	1788.0	20.04	6449.7	Single, Clear	W	1.5	6.0	15.0	43.84	0.91	600.6	
				Single, Clear	W	1.5	5.0	16.0	43.84	0.88	614.1	
				Single, Clear	W	1.5	6.0	25.0	43.84	0.91	1001.0	
				Single, Clear	N	1.5	5.0	16.0	21.73	0.92	318.3	
				Single, Clear	N	1.5	4.0	9.0	21.73	0.88	172.4	
				Single, Clear	E	1.5	6.0	30.0	47.92	0.91	1312.1	
				Single, Clear	E	1.5	6.0	40.0	47.92	0.91	1749.5	
				Single, Clear	E	1.5	6.0	25.0	47.92	0.91	1093.5	
				Single, Clear	S	1.5	2.0	10.0	40.81	0.57	230.7	
				As-Built Total:				**186.0**			**7092.2**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1728.0	1.50		2592.0	
Exterior	1728.0	1.70	2937.6									
Base Total:	**1728.0**		**2937.6**	**As-Built Total:**				**1728.0**			**2592.0**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Wood				40.8	6.10		248.9	
Exterior	40.8	6.10	248.9									
Base Total:	**40.8**		**248.9**	**As-Built Total:**				**40.8**			**248.9**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1788.0	1.73	3093.2	Under Attic			30.0	1966.8	1.73 X 1.00		3402.6	
Base Total:	**1788.0**		**3093.2**	**As-Built Total:**				**1966.8**			**3402.6**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	216.0(p)	-37.0	-7992.0	Slab-On-Grade Edge Insulation			0.0	216.0(p	-41.20		-8899.2	
Raised	0.0	0.00	0.0									
Base Total:			**-7992.0**	**As-Built Total:**				**216.0**			**-8899.2**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1788.0	10.21	18255.5					1788.0	10.21		18255.5	

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, Fl, 32055-**	PERMIT #:

BASE				AS-BUILT						
Summer Base Points:			**22992.9**	**Summer As-Built Points:**						**22692.0**
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
22992.9	**0.4266**		**9808.8**	22692.0 **22692.0**	1.000 **1.00**	(1.090 x 1.147 x 0.91) **1.138**	0.263 **0.263**	0.857 **0.857**		5811.2 **5811.2**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, Fl, 32055-** 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	1788.0	12.74	4100.2	Single, Clear	W	1.5	6.0	15.0	28.84	1.02	442.8	
				Single, Clear	W	1.5	5.0	16.0	28.84	1.03	477.4	
				Single, Clear	W	1.5	6.0	25.0	28.84	1.02	737.9	
				Single, Clear	N	1.5	5.0	16.0	33.22	1.00	533.5	
				Single, Clear	N	1.5	4.0	9.0	33.22	1.01	300.7	
				Single, Clear	E	1.5	6.0	30.0	26.41	1.04	820.4	
				Single, Clear	E	1.5	6.0	40.0	26.41	1.04	1093.8	
				Single, Clear	E	1.5	6.0	25.0	26.41	1.04	683.7	
				Single, Clear	S	1.5	2.0	10.0	20.24	2.27	458.6	
				As-Built Total:				**186.0**			**5548.8**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0	1728.0	3.40	5875.2
Exterior	1728.0	3.70	6393.6					
Base Total:	**1728.0**		**6393.6**	**As-Built Total:**		**1728.0**		**5875.2**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	Exterior Wood	40.8	12.30	501.8
Exterior	40.8	12.30	501.8				
Base Total:	**40.8**		**501.8**	**As-Built Total:**	**40.8**		**501.8**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	1788.0	2.05	3665.4	Under Attic	30.0	1966.8	2.05 X 1.00	4031.9
Base Total:	**1788.0**		**3665.4**	**As-Built Total:**		**1966.8**		**4031.9**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	216.0(p)	8.9	1922.4	Slab-On-Grade Edge Insulation	0.0	216.0(p	18.80	4060.8
Raised	0.0	0.00	0.0					
Base Total:			**1922.4**	**As-Built Total:**		**216.0**		**4060.8**

INFILTRATION	Area X	BWPM	= Points	Area X	WPM	= Points
	1788.0	-0.59	-1054.9	1788.0	-0.59	-1054.9

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, Fl, 32055-**	PERMIT #:

BASE			AS-BUILT						
Winter Base Points:		**15528.6**	**Winter As-Built Points:**						**18963.6**
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
15528.6	**0.6274**	**9742.6**	18963.6 **18963.6**	1.000 **1.00**	(1.069 x 1.169 x 0.93) **1.162**	0.426 **0.426**	0.950 **0.950**	8924.5 **8924.5**

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, Fl, 32055-** 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	
3		2746.00	8238.0	50.0	0.90	3	1.00	2684.98	1.00	8054.9	
				As-Built Total:						**8054.9**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
9809	**9743**	**8238**	**27789**	**5811**	**8925**	**8055**	**22791**

PASS

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, Fl, 32055-** 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.

Dempsey, Keith and Krystal, Lot: , Sub: , Plat: , Lake City, Fl, 32055-

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		3	
5. Is this a worst case?		Yes	
6. Conditioned floor area (ft²)		1788 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear - single pane	186.0 ft²	0.0 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, 216.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 1728.0 ft²	
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1966.8 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 64.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 36.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 36.0 kBtu/hr	
	HSPF: 8.00	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 50.0 gallons	
	EF: 0.90	
b. N/A		
c. Conservation credits		
(HR-Heat recovery, Solar		
DHP-Dedicated heat pump)		
15. HVAC credits	MZ-C, PT, 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 850/488-7824.*

Residential System Sizing Calculation

Summary

Dempsey, Keith and Krystal

Lake City, Fl 32055-

Project Title:
Dempsey Residence

Code Only
Professional Version
Climate: North

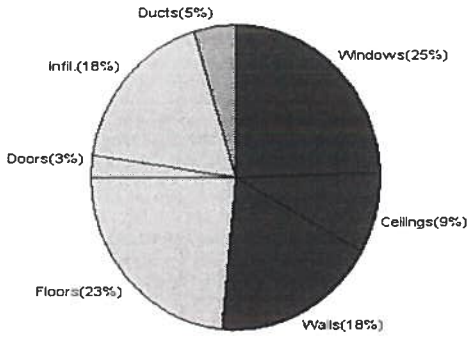
9/27/2006

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	**29163**	**Btuh**	**Total cooling load calculation**	**27685**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	123.4	36000	Sensible (SHR = 0.5)	79.4	18000
Heat Pump + Auxiliary(0.0kW)	123.4	36000	Latent	359.7	18000
			Total (Electric Heat Pump)	130.0	36000

WINTER CALCULATIONS

Winter Heating Load (for 1788 sqft)

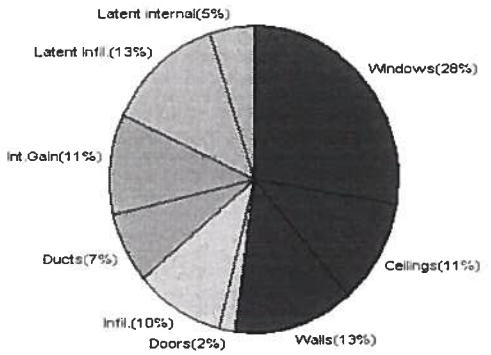
Load component			Load	
Window total	186	sqft	7180	Btuh
Wall total	1728	sqft	5357	Btuh
Door total	41	sqft	732	Btuh
Ceiling total	1967	sqft	2557	Btuh
Floor total	216	ft	6826	Btuh
Infiltration	119	cfm	5124	Btuh
Subtotal			**27775**	**Btuh**
Duct loss			1389	Btuh
TOTAL HEAT LOSS			**29163**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1788 sqft)

Load component			Load	
Window total	186	sqft	7707	Btuh
Wall total	1728	sqft	3698	Btuh
Door total	41	sqft	501	Btuh
Ceiling total	1967	sqft	3068	Btuh
Floor total			0	Btuh
Infiltration	105	cfm	2644	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			**20619**	**Btuh**
Duct gain			2062	Btuh
Total sensible gain			**22681**	**Btuh**
Latent gain(infiltration)			3624	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			**5004**	**Btuh**
TOTAL HEAT GAIN			**27685**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: Fallon Dulin
DATE: 9-27-06

System Sizing Calculations - Winter

Residential Load - Component Details

Dempsey, Keith and Krystal
Lake City, Fl 32055-

Project Title:
Dempsey Residence

Code Only
Professional Version
Climate: North

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

9/27/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	1, Clear, Wood, DEF	N	15.0	38.6	579 Btuh
2	1, Clear, Wood, DEF	N	16.0	38.6	618 Btuh
3	1, Clear, Wood, DEF	N	25.0	38.6	965 Btuh
4	1, Clear, Wood, DEF	E	16.0	38.6	618 Btuh
5	1, Clear, Wood, DEF	E	9.0	38.6	347 Btuh
6	1, Clear, Wood, DEF	S	30.0	38.6	1158 Btuh
7	1, Clear, Wood, DEF	S	40.0	38.6	1544 Btuh
8	1, Clear, Wood, DEF	S	25.0	38.6	965 Btuh
9	1, Clear, Wood, DEF	W	10.0	38.6	386 Btuh
	Window Total		186		7180 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1728	3.1	5357 Btuh
	Wall Total		1728		5357 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		41	17.9	732 Btuh
	Door Total		41		732Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1967	1.3	2557 Btuh
	Ceiling Total		1967		2557Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	216.0 ft(p)	31.6	6826 Btuh
	Floor Total		216		6826 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	17880(sqft)	119	5124 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			119	5124 Btuh

Totals for Heating	**Subtotal**	**27775 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**1389 Btuh**
	Total Btuh Loss	**29163 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

Dempsey, Keith and Krystal
Lake City, Fl 32055-

Project Title:
Dempsey Residence

Code Only
Professional Version
Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 9/27/2006

Window	Type		Overhang Len	Overhang Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	HTM Unshaded	Load	
1	1, Clear, DEF, N, N	N	1.5	6	15.0	0.0	15.0	33	33	495	Btuh
2	1, Clear, DEF, N, N	N	1.5	5	16.0	0.0	16.0	33	33	528	Btuh
3	1, Clear, DEF, N, N	N	1.5	6	25.0	0.0	25.0	33	33	825	Btuh
4	1, Clear, DEF, N, N	E	1.5	5	16.0	1.0	15.0	33	91	1399	Btuh
5	1, Clear, DEF, N, N	E	1.5	4	9.0	0.7	8.3	33	91	776	Btuh
6	1, Clear, DEF, N, N	S	1.5	6	30.0	30.0	0.0	33	50	990	Btuh
7	1, Clear, DEF, N, N	S	1.5	6	40.0	40.0	0.0	33	50	1320	Btuh
8	1, Clear, DEF, N, N	S	1.5	6	25.0	25.0	0.0	33	50	825	Btuh
9	1, Clear, DEF, N, N	W	1.5	2	10.0	6.2	3.8	33	91	549	Btuh
	Window Total				186					7707	Btuh

Walls	Type	R-Value	Area	HTM	Load	
1	Frame - Exterior	13.0	1728.0	2.1	3698	Btuh
	Wall Total		1728.0		3698	Btuh

Doors	Type	Area	HTM	Load	
1	Wood - Exter	40.8	12.3	501	Btuh
	Door Total	40.8		501	Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load	
1	Under Attic/Dark	30.0	1966.8	1.6	3068	Btuh
	Ceiling Total		1966.8		3068	Btuh

Floors	Type	R-Value	Size	HTM	Load	
1	Slab-On-Grade Edge Insulation	0.0	216.0 ft(p)	0.0	0	Btuh
	Floor Total		216.0		0	Btuh

Infiltration	Type	ACH	Volume	CFM=	Load	
	Natural	0.35	17880	104.5	2644	Btuh
	Mechanical			0	0	Btuh
	Infiltration Total			105	2644	Btuh

Internal gain		Occupants		Btuh/occupant		Appliance	Load	
		6	X	300	+	1200	3000	Btuh

Totals for Cooling	**Subtotal**	**20619**	**Btuh**
	Duct gain(using duct multiplier of 0.10)	**2062**	**Btuh**
	Total sensible gain	**22681**	**Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**3624**	**Btuh**
	Latent occupant gain (6 people @ 230 Btuh per person)	**1380**	**Btuh**
	Latent other gain	**0**	**Btuh**
	TOTAL GAIN	**27685**	**Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Dempsey, Keith and Krystal	Project Title:	Code Only
	Dempsey Residence	Professional Version
Lake City, Fl 32055-		Climate: North
		9/27/2006

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)


14
13
Branch
ZONE AE
ZONE X
ROAD
86
23
24
D
ZONE X
ZONE X
SPRINGS
93
75
ZONE A
X
WHITE
ZONE A
ZONE A
0610-04

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 24-2S-15-00079-000 **Building permit No.** 000025091

Use Classification SFD,UTILITY **Fire:** 0.00

Permit Holder JOHN NORRIS **Waste:**

Owner of Building KEITH DEMPSEY **Total:** 0.00

Location: 162 NW DON HAT WAY, WHITE SPRINGS, FL

Date: 02/12/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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

Architectural Testing

Appendix A

Alteration Addendum

Note: No alterations were required.

Inswing

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" 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**

PRODUCT CONTROL ACCEPTED

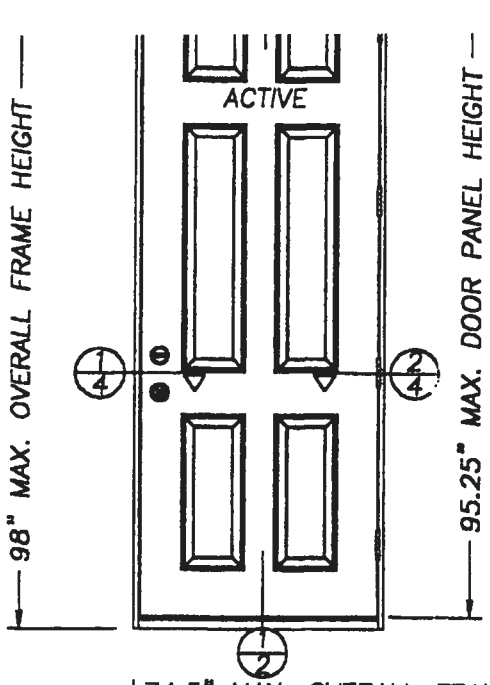
ET THE SOUTH FLORIDA
MIAMI–DADE COUNTY.
IE ANCHORED PROPERLY
ICTURE.
LISTED AND SPACED AS
EDMENT TO BASE MATERIAL
OR STUCCO.
TABLE PAGE 1.
IE WATER REQUIREMENTS

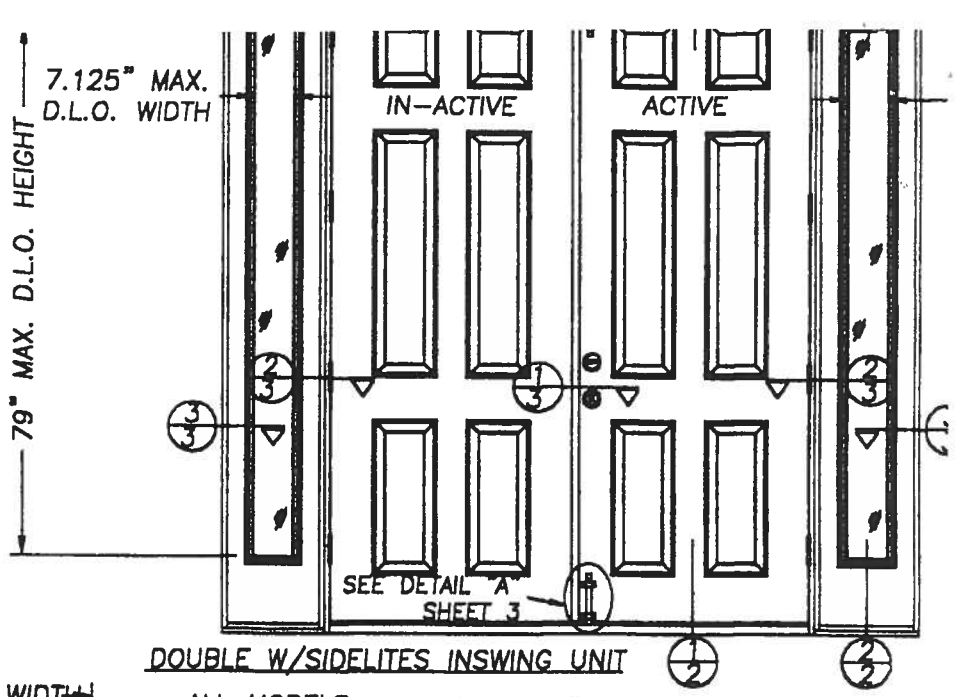
SISTANT SHUTTERS ARE REQUIRED.
N BE USED IN A
L.
T LOCATIONS PROTECTED BY
THE ANGLE BETWEEN THE EDGE
IS LESS THAN 45 DEGREES.
–HABITABLE AREAS WHERE THE
D TO ACCEPT WATER INFILTRATION.

ERGLASS DOOR
conditions)

num thickness, with yield strength

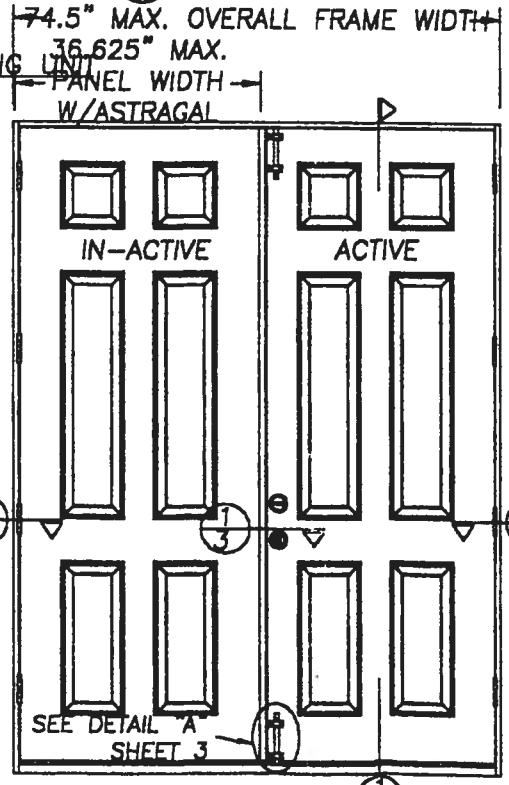
h1.9 lbs. density by BASF.
nstructed from a sheet molding
" thk. is filled with 1.9 lbs. density
sheets are glued to the wood stiles
LVL or LSL. The latch stile which is
t. The top and bottom rail are of a
loor application the inactive door
ragal of 6060–T6 alloy.
ucted from finger jointed pine. The
(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".
andwich glazed using a two piece lip
ed on the exterior with an 1/8"
id with Dow 795 silicone compond
me to the sidelite panel & to the
with a #8 x 1 1/2" long Plascrew





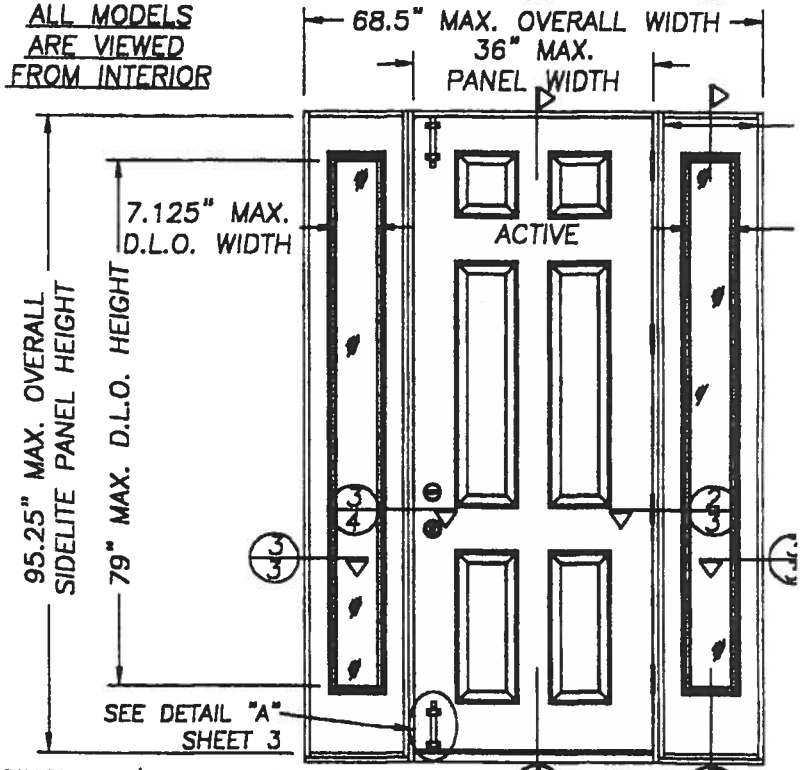
DOUBLE W/SIDELITES INSWING UNIT

SINGLE INSWING UNIT



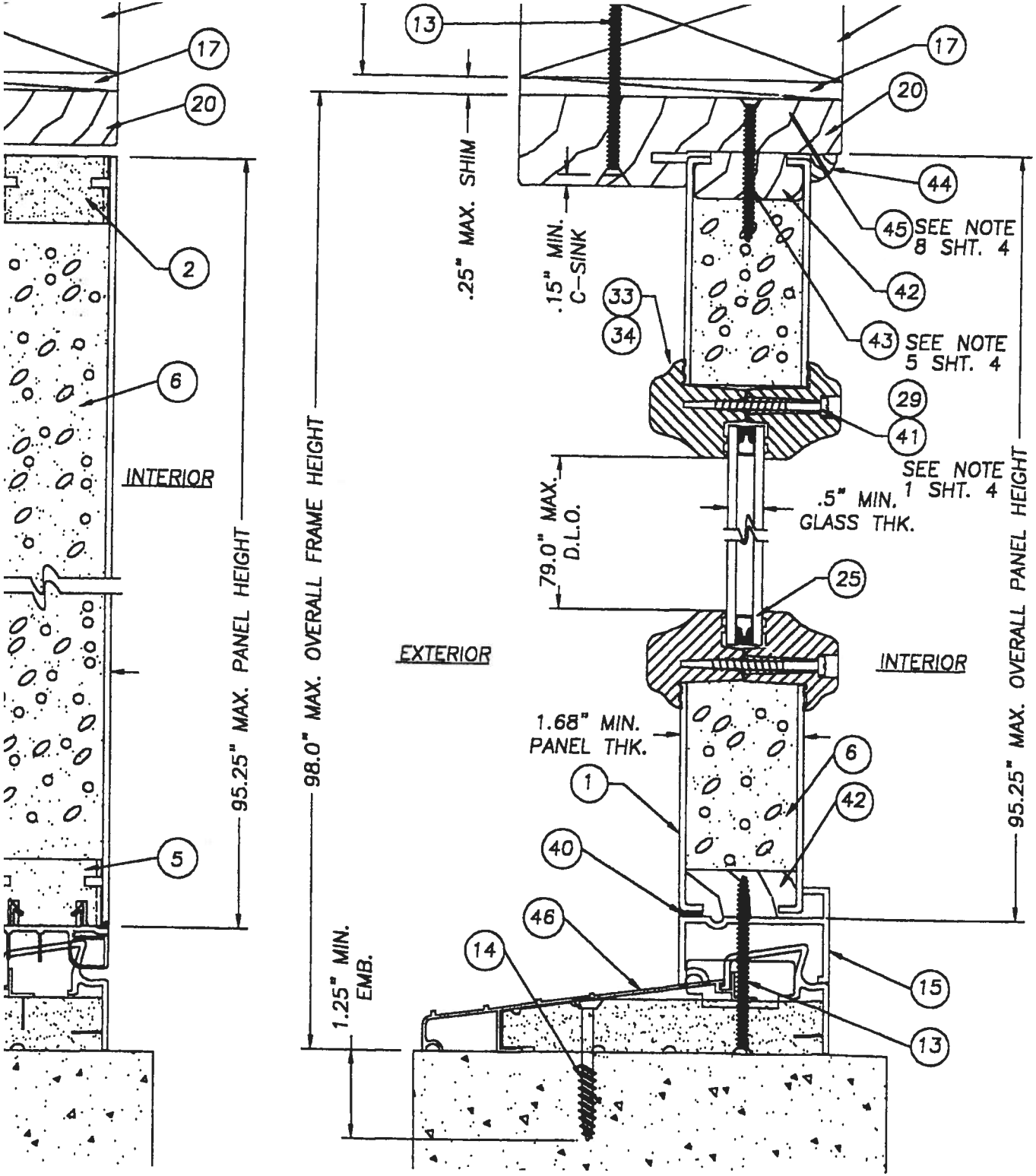
DOUBLE INSWING UNIT

ALL MODELS ARE VIEWED FROM INTERIOR

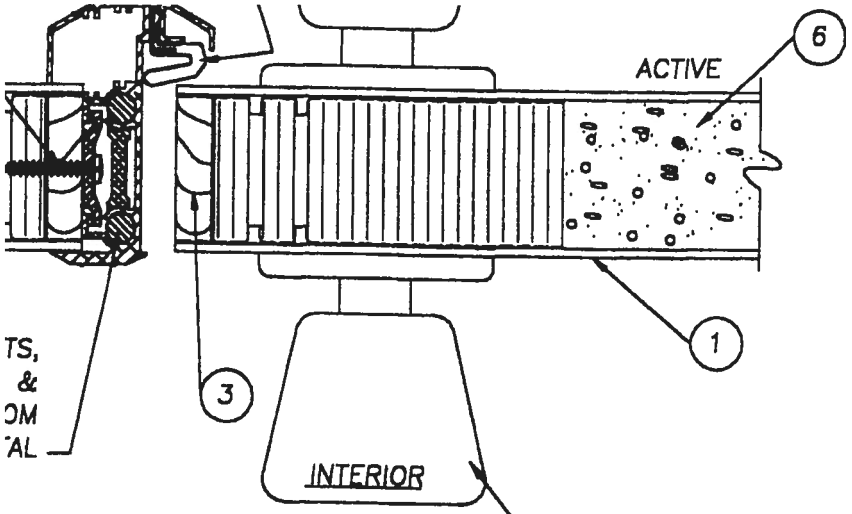


SINGLE W/SIDELITES INSWING UNIT

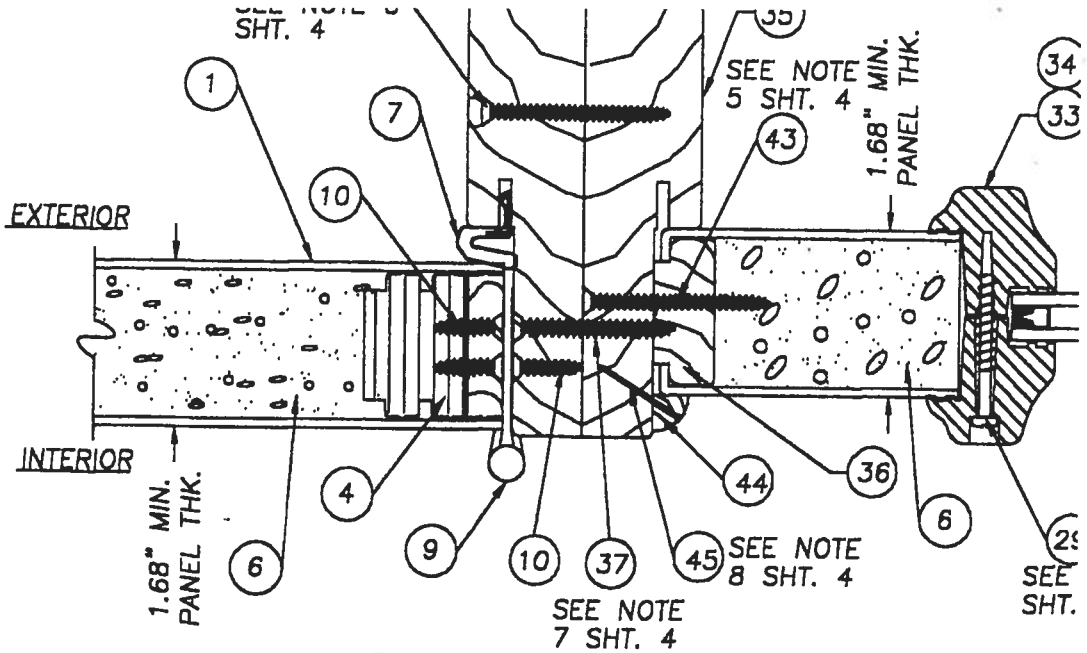
DESIGN PRESSURE RATING (WHERE WATER INFILTRATION REQUIREMENTS IS NOT MET)



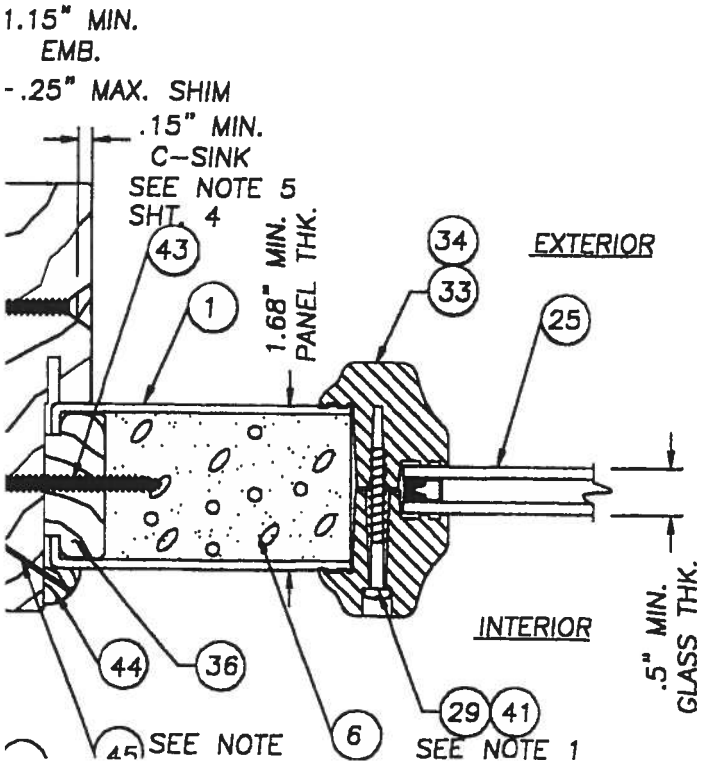
3	LATCH STILE/LOCK BLOCK (THERMA-TRU, LVL OR LSL & OAK 1.50" x 4
4	HINGE STILE (THERMA-TRU, LVL OR LSL & OAK 1.50" x 1.50")
5	BOTTOM RAIL (1.50" x .94" THERMA-TRU WOOD COMPOSITE)
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSIT
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-T
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 F
21	4.563" x 1.25" STRIKE JAMB (THERMA-TRU, PONDEROSA
22	4.563" x 1.25" HINGE JAMB (THERMA-TRU, PONDEROSA P
23	KWIKSET TITAN 700 SERIES DEADBOLT
24	ASTRAGAL WINDJAMBER II WR8OT (.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

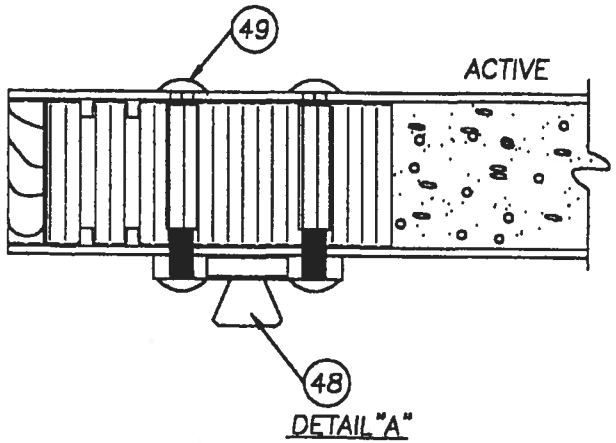


1/3 HORIZONTAL CROSS SECTION
@ ASTRAGAL
(SEE DESIGN PRESSURE CHART)



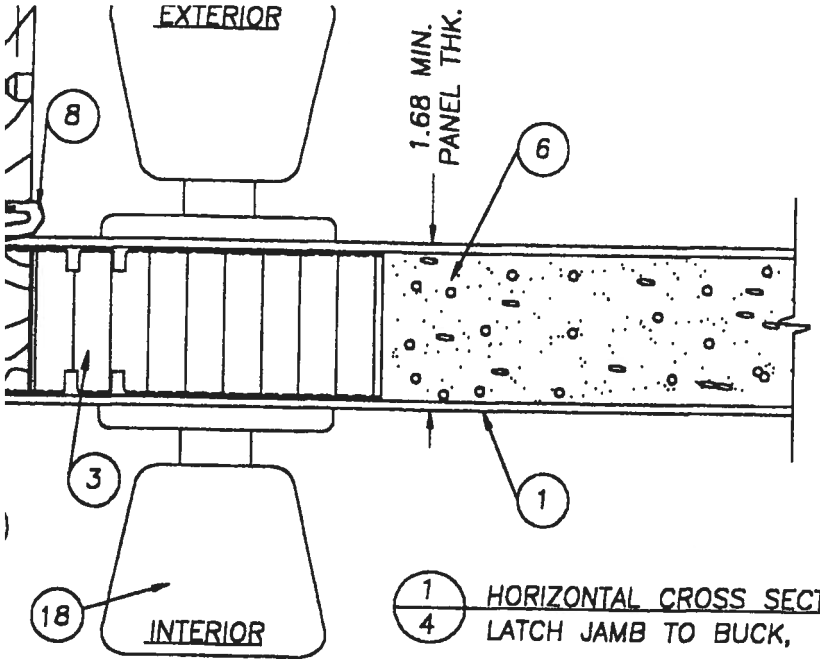
2/3 HORIZONTAL CROSS SECTION
@ HINGE JAMB TO SIDELITE



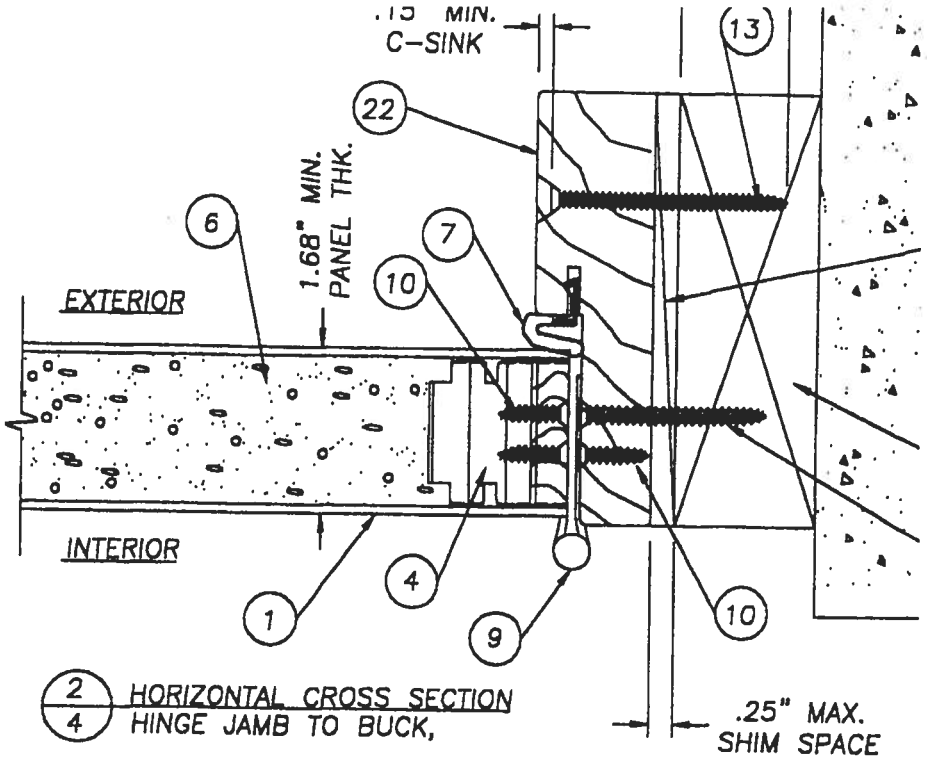


DETAIL "A"

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



1/4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,



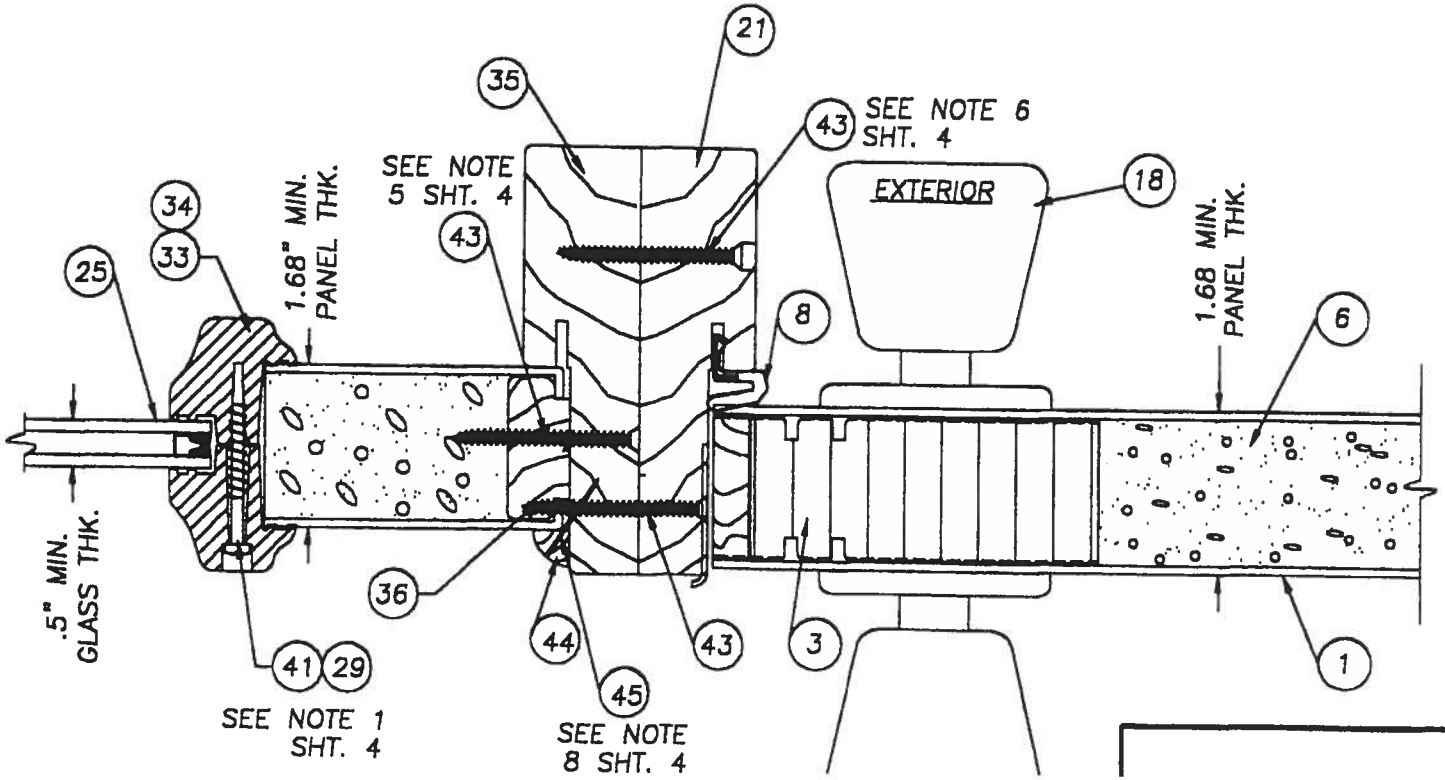
2/4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,

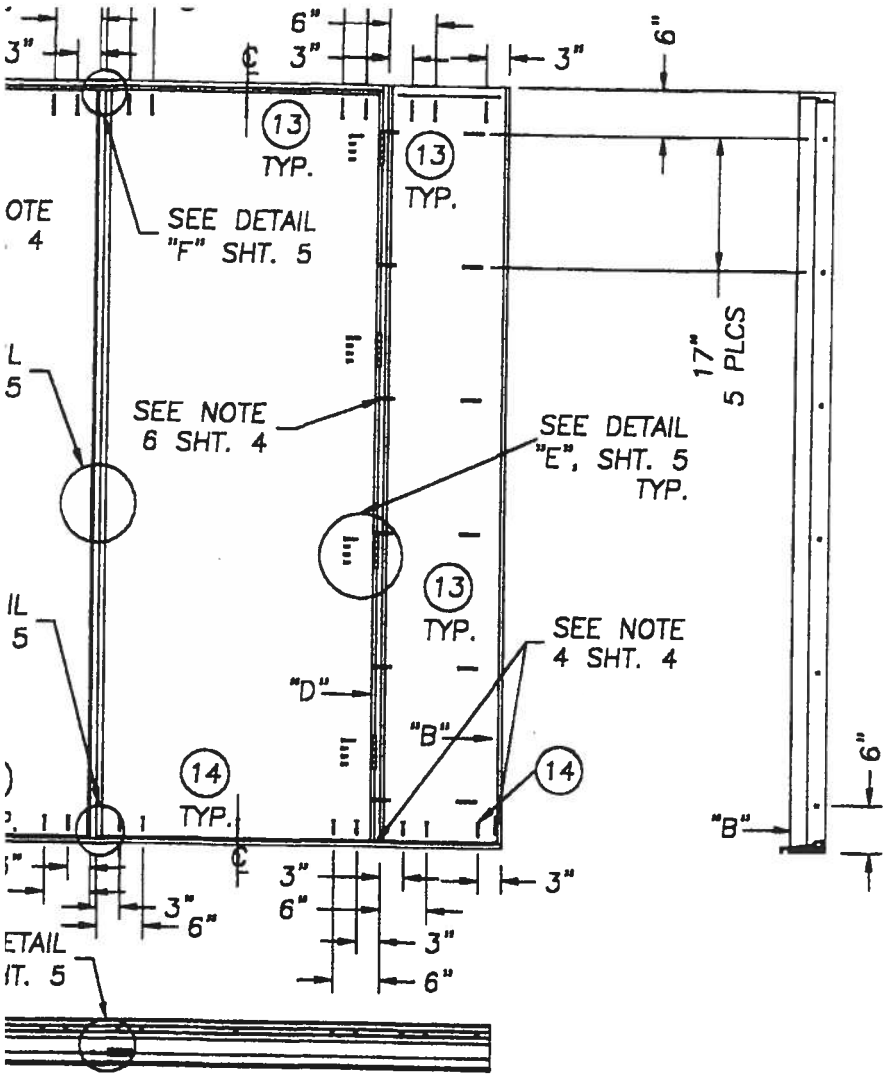
IS AS FOLLOWS: FROM
WITH (7) MORE SPACED
REWS BOTH TOP AND
CORNER.
REW
NACTIVE DOOR IS AS
, 3", 5", 18.25", 54"

IE SIDE JAMBS WITH

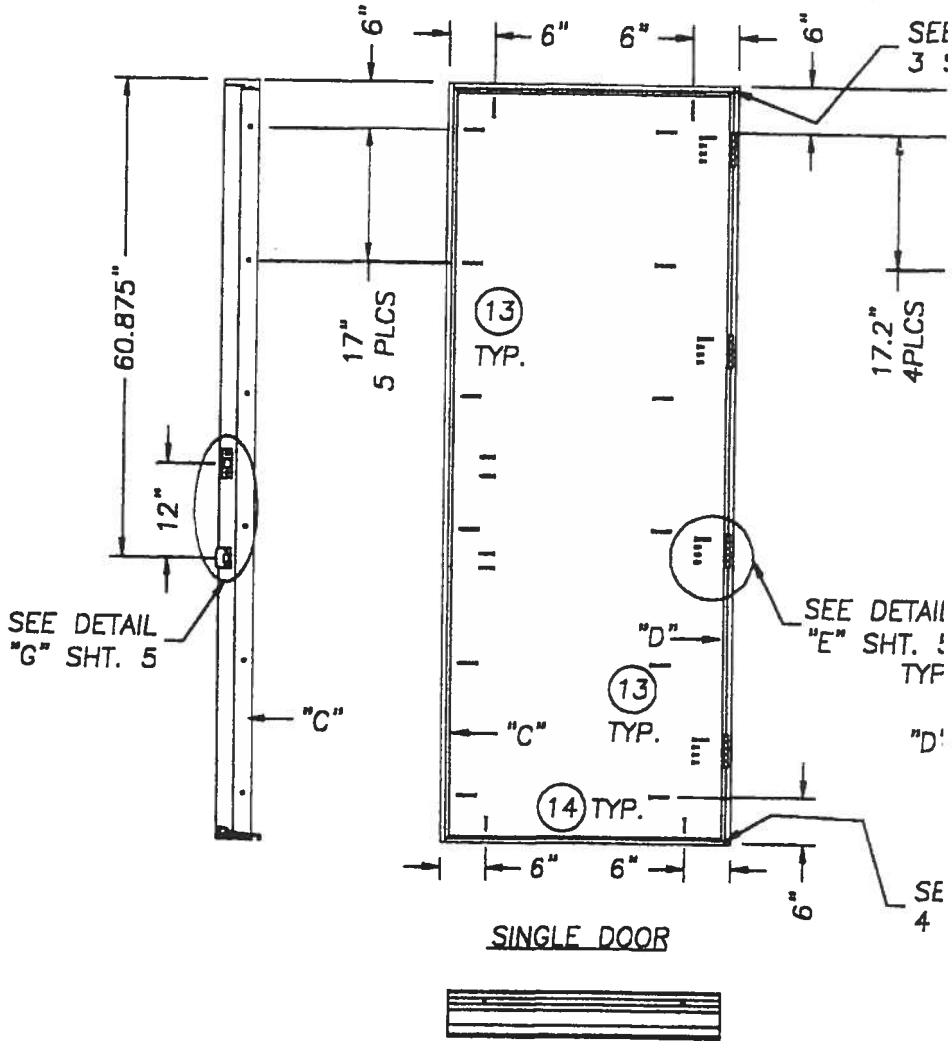
IE SIDE JAMBS WITH

HE JAMB WITH (12)
E ARE (4) AT
OP DOWN AT 13.5",
THE HEADER AT 4"
HE FRAME. THERE ARE
TSIDE CORNERS.
RING THE MULLIONS
RIMETER ANCHORING
AND UP FROM THE
16.9" O.C.
JAMB AND THE BUCK
CHING THE HINGE TO

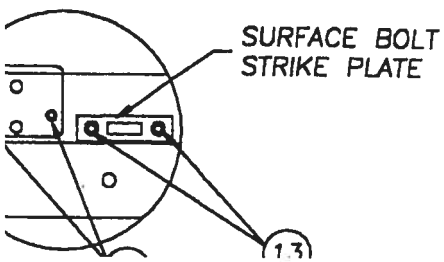


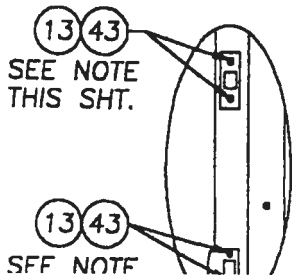


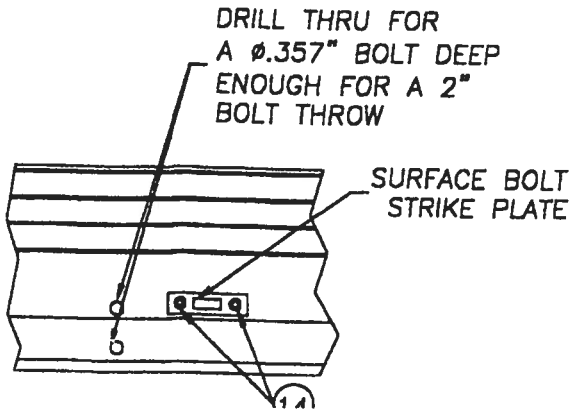
DOOR W/SIDELITES



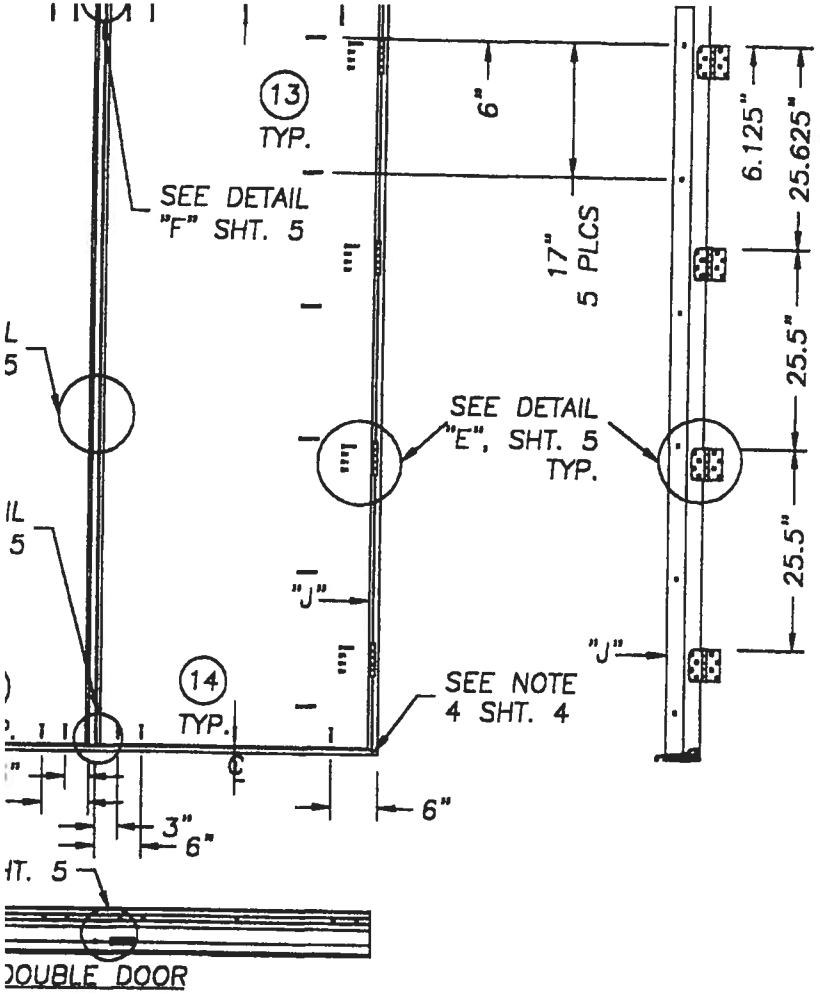
SINGLE DOOR

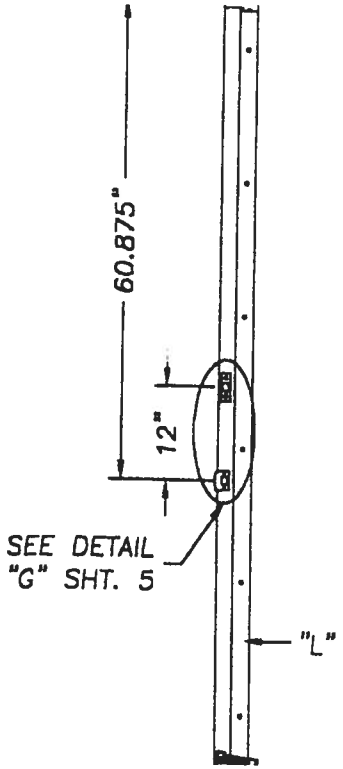


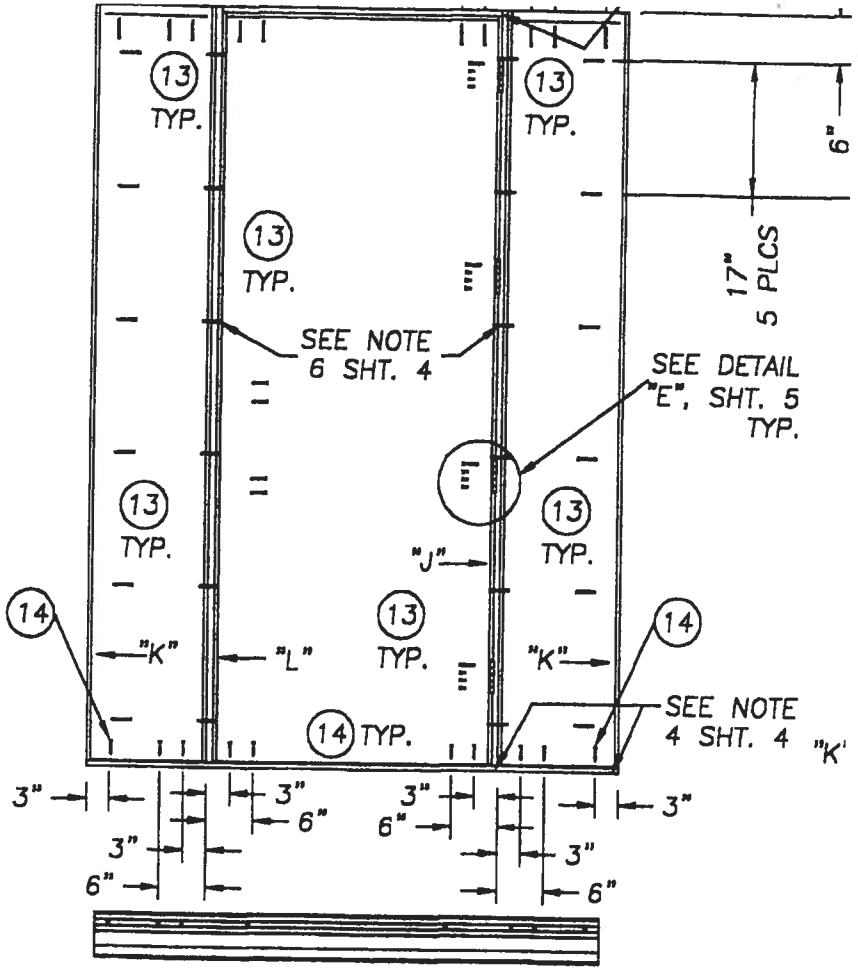




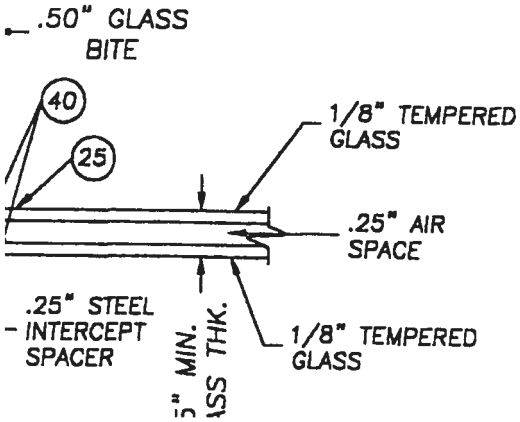
NOTE:
USE ITEM #13 A #8 x 2 1/2" PFH W(
ATTACH THE STRIKE AND DEADBOLT PL
JAMB OR ASTRAGAL EXCEPT IN THE ML
APPLICATION WITH THE SIDELITE USE IT
2" PFH WOOD SCREW.

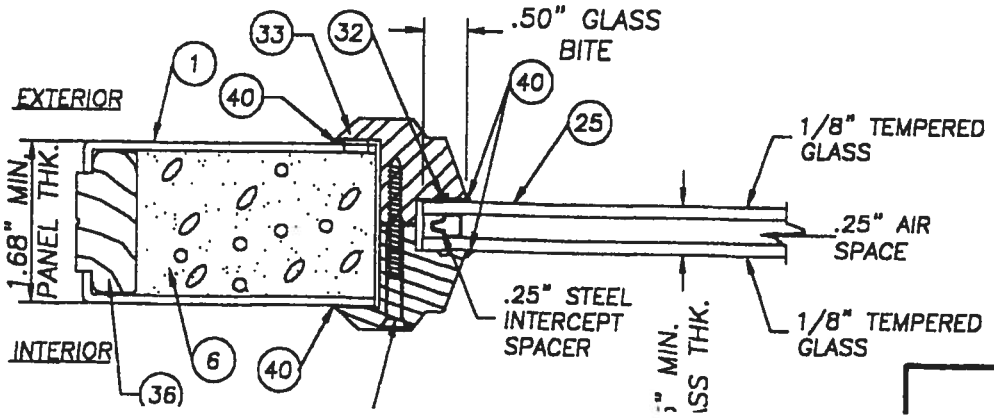


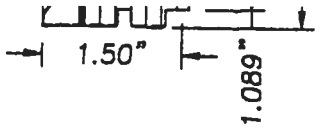




SINGLE DOOR W/SIDELITES

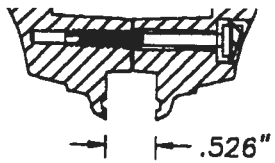




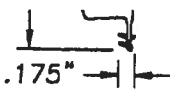


(4) HINGE SIDE STILE

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.

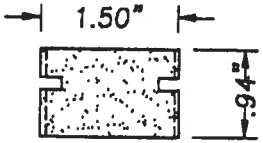


(34) PLASTIC LIP LITE FRAME
EXTRUDED SMC



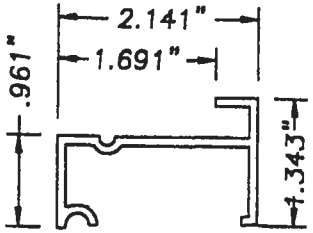
(7) COMPRESSION WEATHERSTRIP
BY THERMA-TRU
FOAM CELL CORE W/VINYL JACKET

(8) LONG
COMPRESSION
FOAM CELL CORE

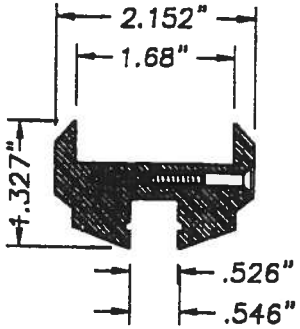


(2) TOP RAIL
WOOD COMPOSITE

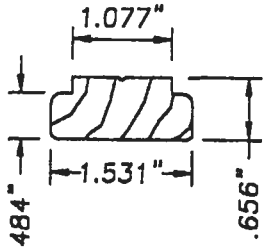
(5) BOT
WOOD



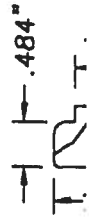
(15) INSWING SIDELITE
BOTTOM BOOT
0.09" EXTRUDED VINYL WALL



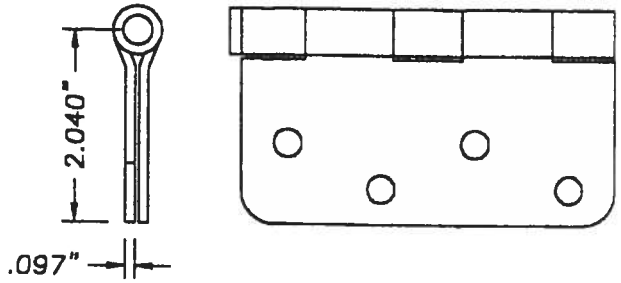
(33) PLASTIC LIP LITE FRAME
EXTRUDED PVC



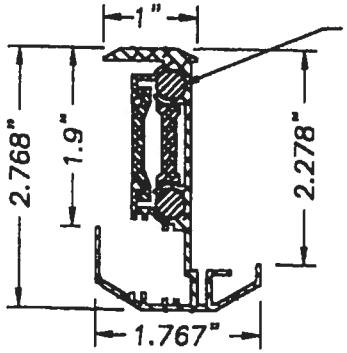
(42) SIDELITE TOP
& BOTTOM RAIL



(36) SIDELI
SIDE
FINGER
PONDE

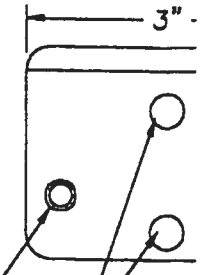


(9) 4 x 4 STEEL DOOR HINGE

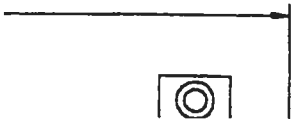


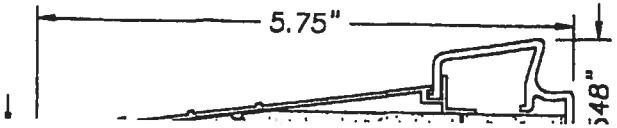
ASTRAGAL RETAINER BOLTS,
(2) 17.0" LG. X 0.3125" DIA.
@ TOP & (2) 8.0" LG. X
0.3125" DIA. @ BOTTOM
(4) BOLTS TOTAL

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



DRILL
.357"
RETAIN
DRILL THROUGH FOR
PFH WOOD SCREW 2
WINDJAMBER II WR80T





MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

Outswing

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

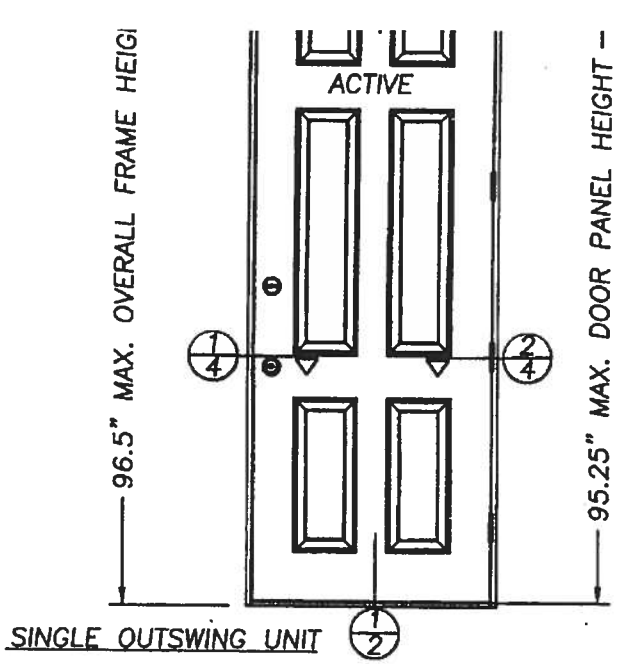
NOTES
O MEET THE FLORIDA

ST BE ANCHORED PROPERLY
STRUCTURE.
AS LISTED AND SPACED AS
EMBEDMENT TO BASE MATERIAL
SSING OR STUCCO.
SEE TABLE SHEET 1.
TER REQUIREMENTS FOR
S" WITH USE OF HIGH DAM

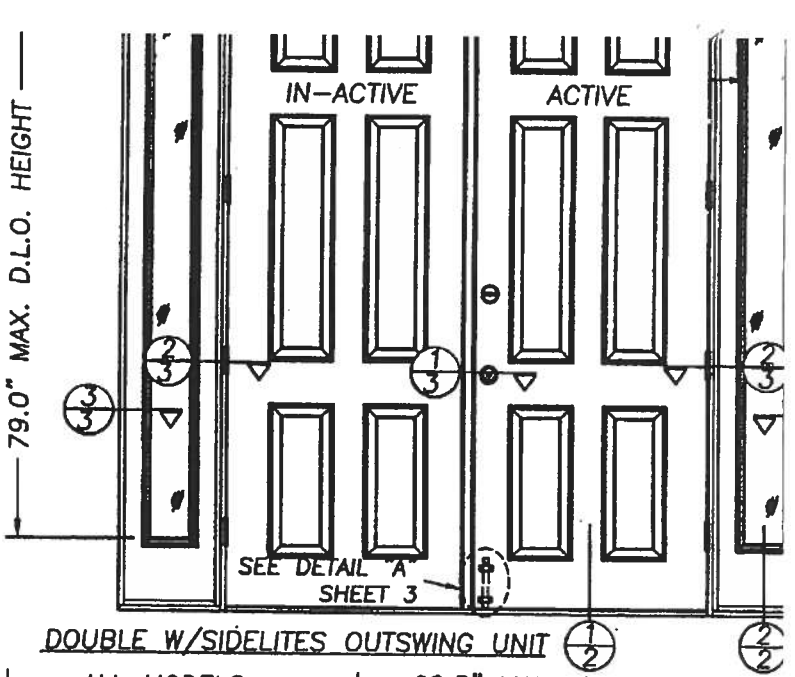
IN AREAS REQUIRING WIND
ORIDA BUILDING CODE
SHUTTERS ARE REQUIRED.
) CAN BE USED IN A
ATION.

FIBERGLASS DOOR
me conditions)
1:
25" minimum thickness,
0 psi
core,

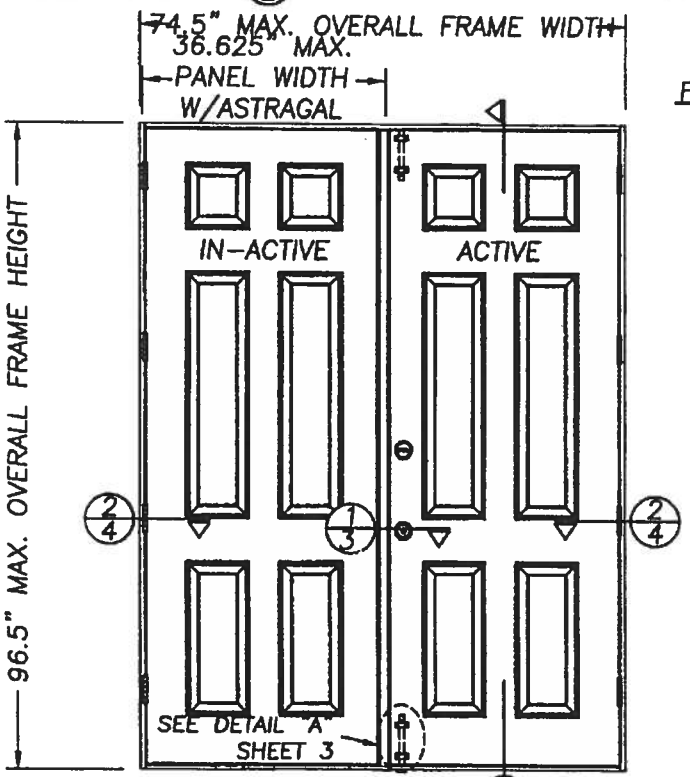
in is constructed from a
nd (SMC). The interior cavity
SF polyurethane foam. The
the wood stiles and rails.
/L or LSL. The latch stile
atch reinforcement. The top
composite material. In the
ive door is fitted with an
6060–T6 alloy.
cted from finger jointed pine. The
(3) #8 x 2 1/2" long Phillips flathead
red together in a sidelite application
) screws per each mullion. The units
a Low Profile or High Water Dam type.
andwich 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



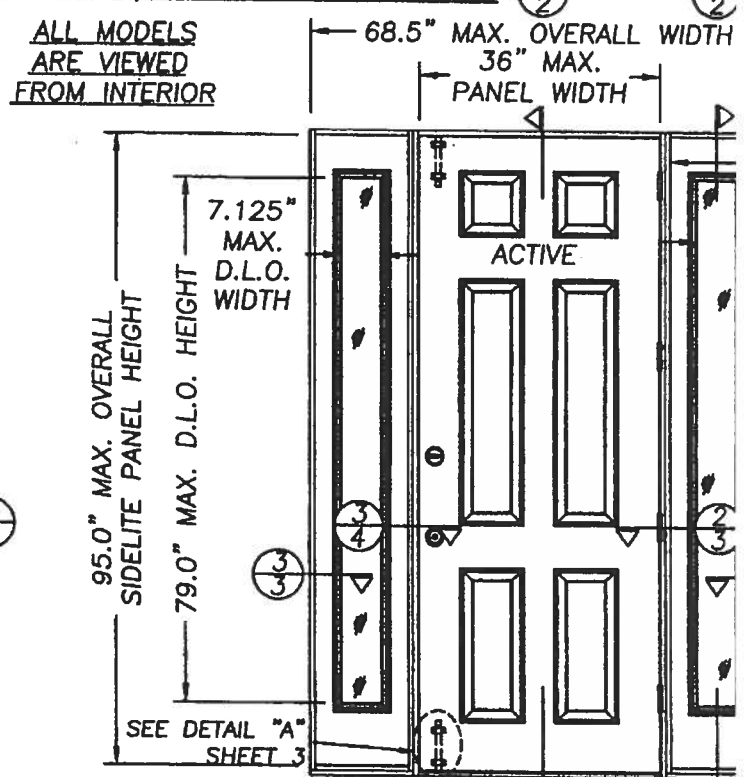
SINGLE OUTSWING UNIT



DOUBLE W/SIDELITES OUTSWING UNIT



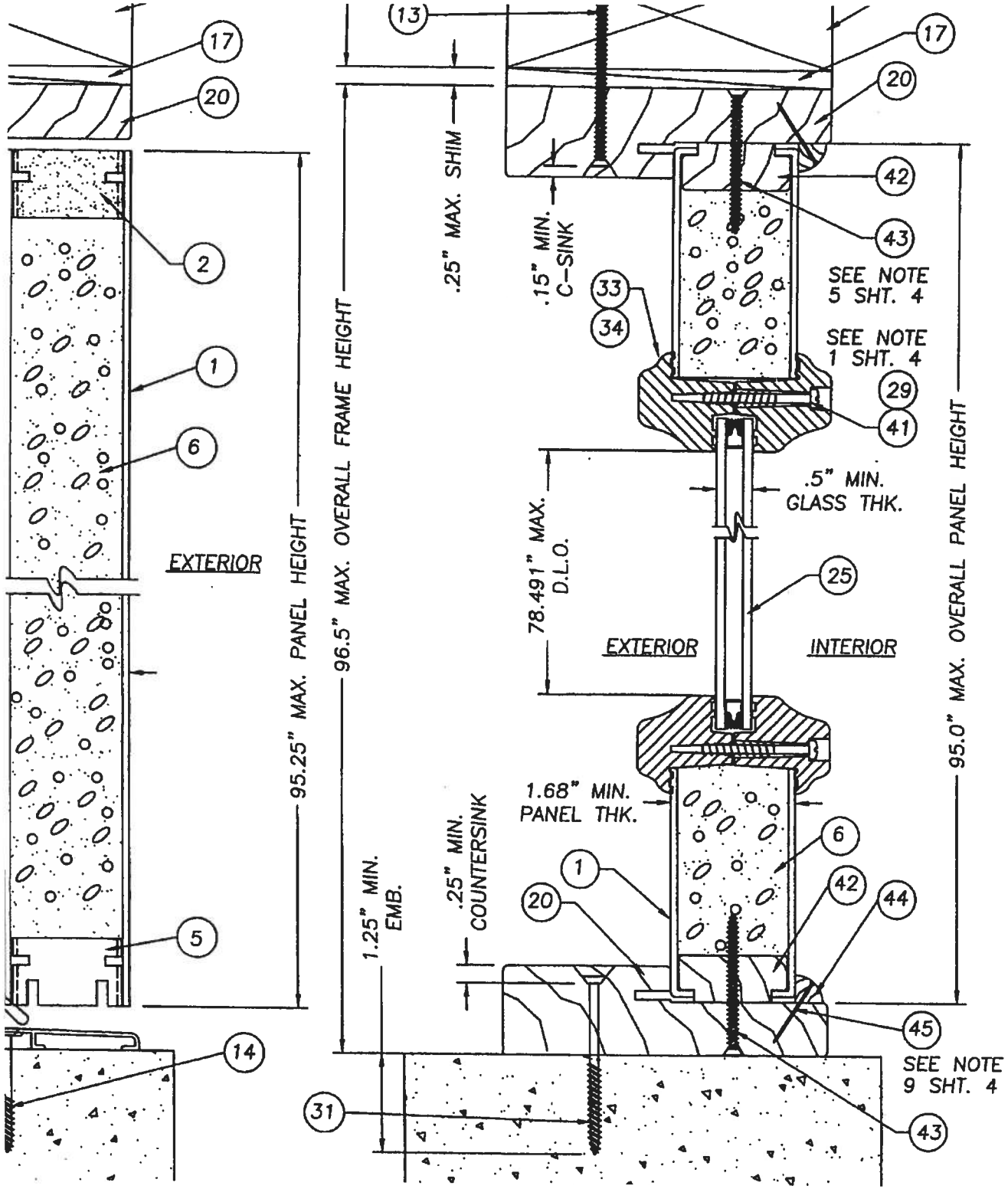
DOUBLE OUTSWING UNIT



SINGLE W/SIDELITES OUTSWING UNIT

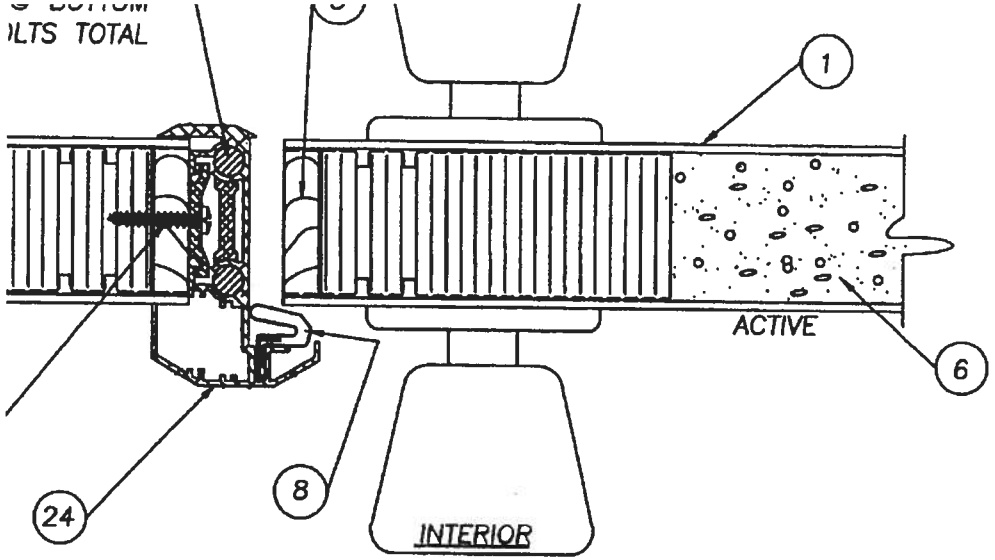
DESIGN PRESSURE RATING
WHERE WATER INFILTRATION IS REQUIRED

A1

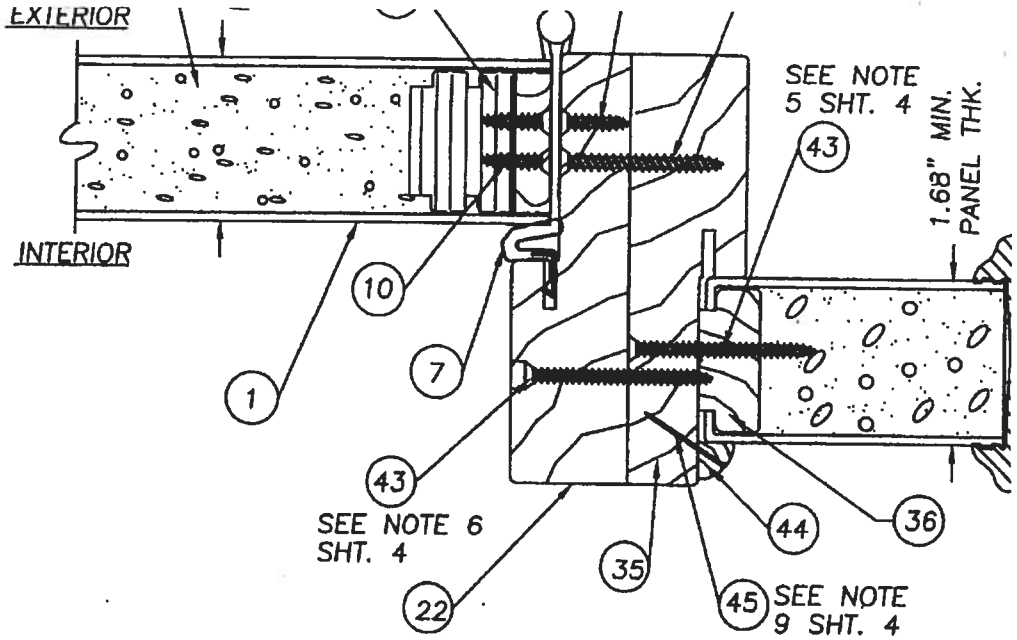


4	HINGE STILE (THERMA-TRU, LVL OR LSL & OAK 1.50" x
5	BOTTOM RAIL (1.50" x .94" THERMA-TRU WOOD COMPOSI
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-TRU
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TRU,
9	4" x 4" HINGE .097" THK. (THERMA-TRU)
10	#10 x 3/4" 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.

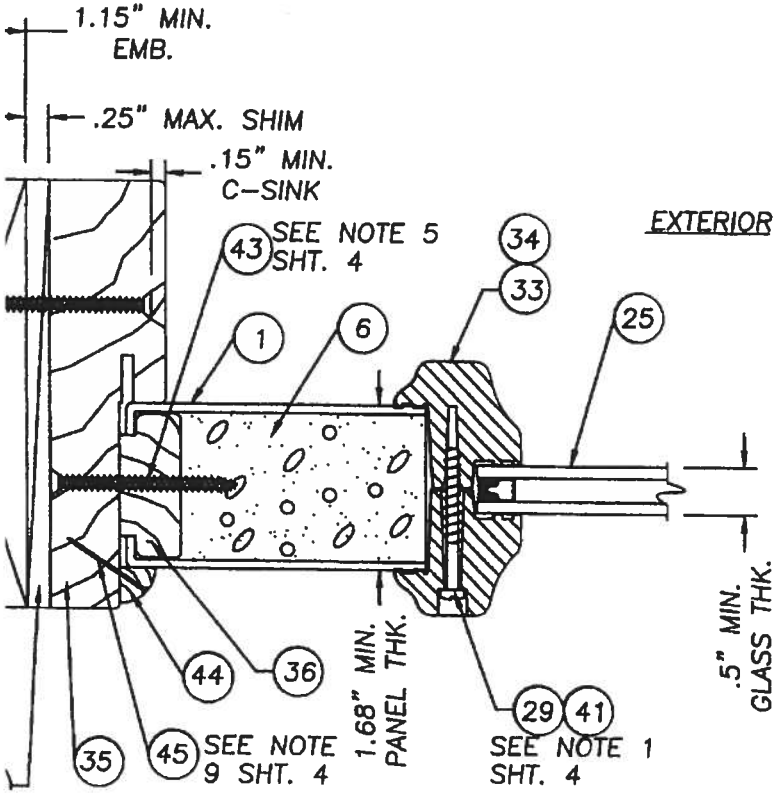
Anor

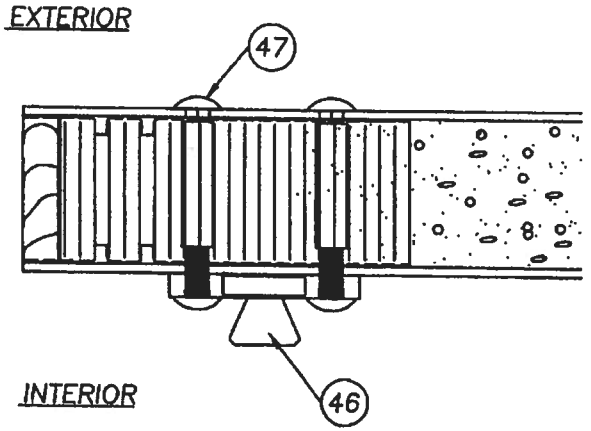


1/3 HORIZONTAL CROSS SECTION
@ ASTRAGAL
(SEE DESIGN PRESSURE RATE CHART)

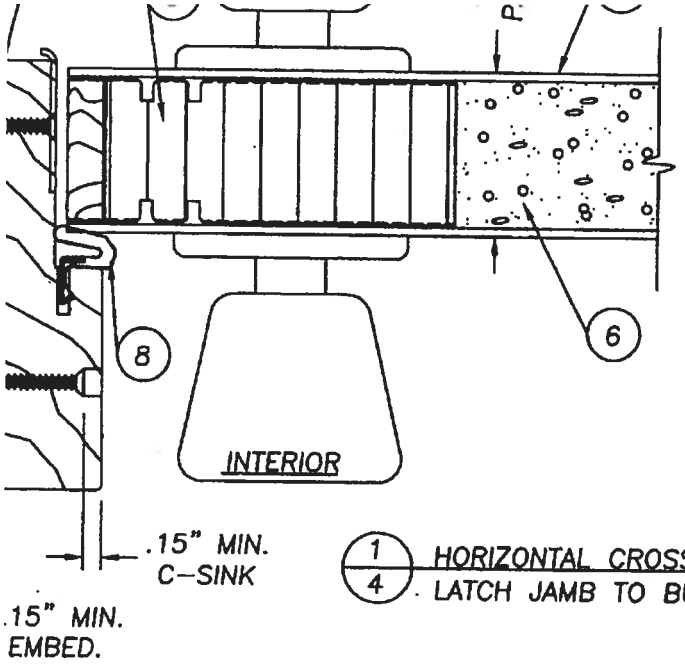


2/3 HORIZONTAL CROSS SI
@ HINGE JAMB TO SIL

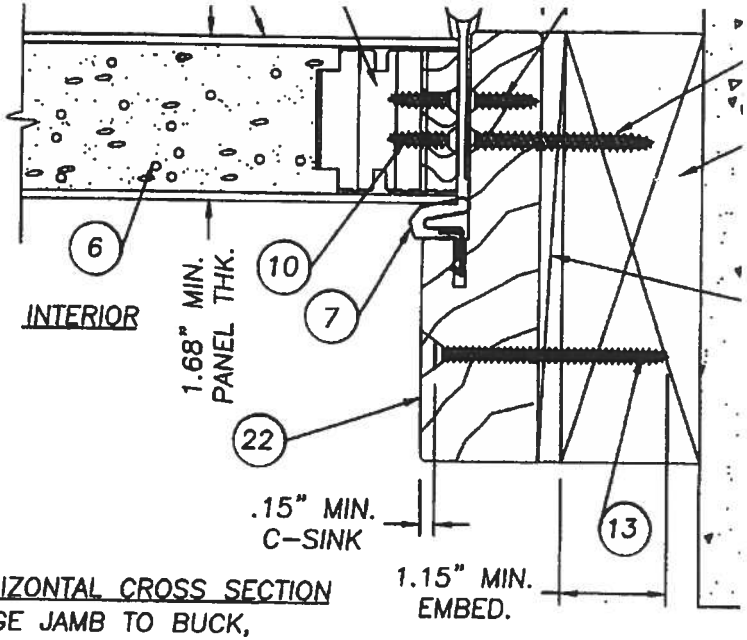




DETAIL "A"
OPTIONAL SURFACE BOLTS IN ACTIVE
(SEE DESIGN PRESSURE CHART)



1/4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,

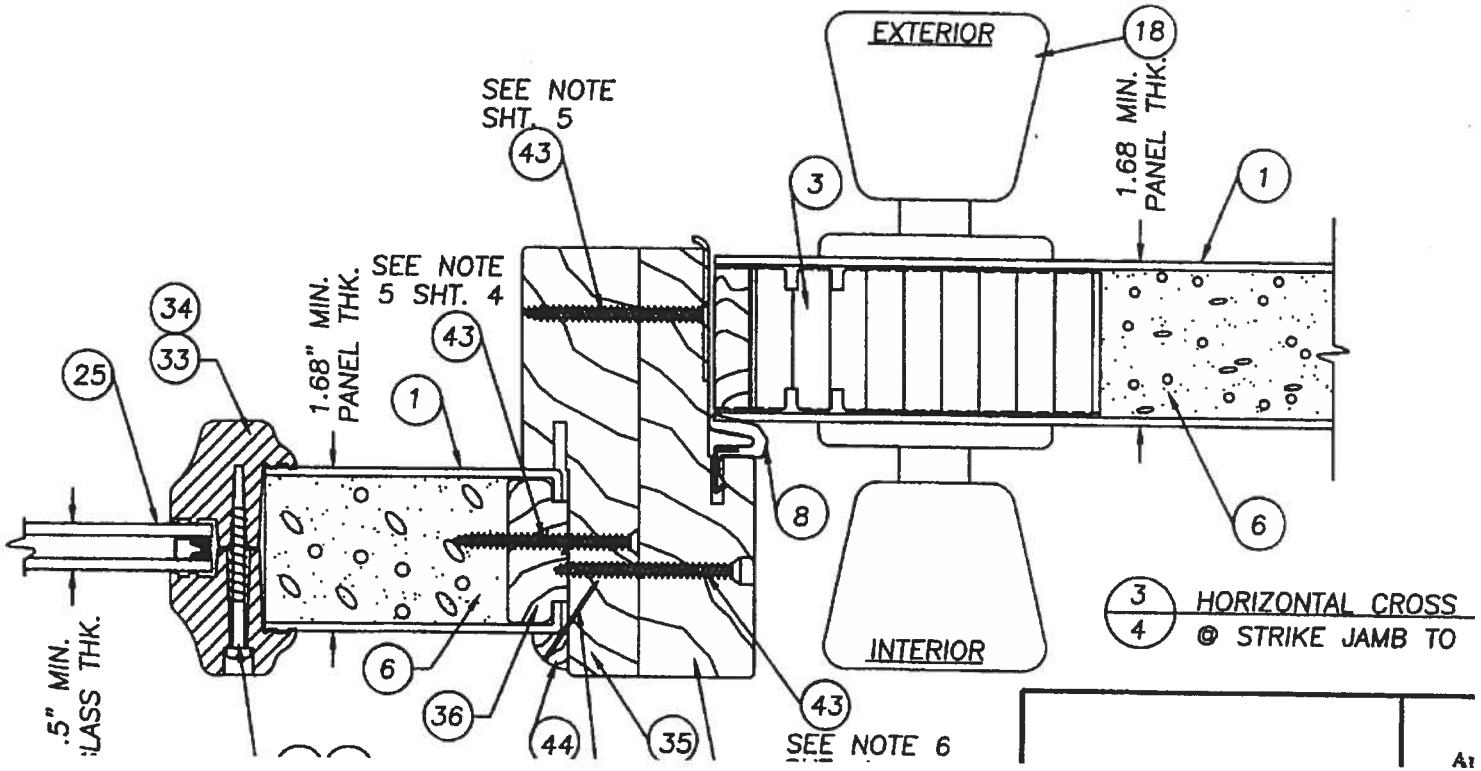


2/4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,

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

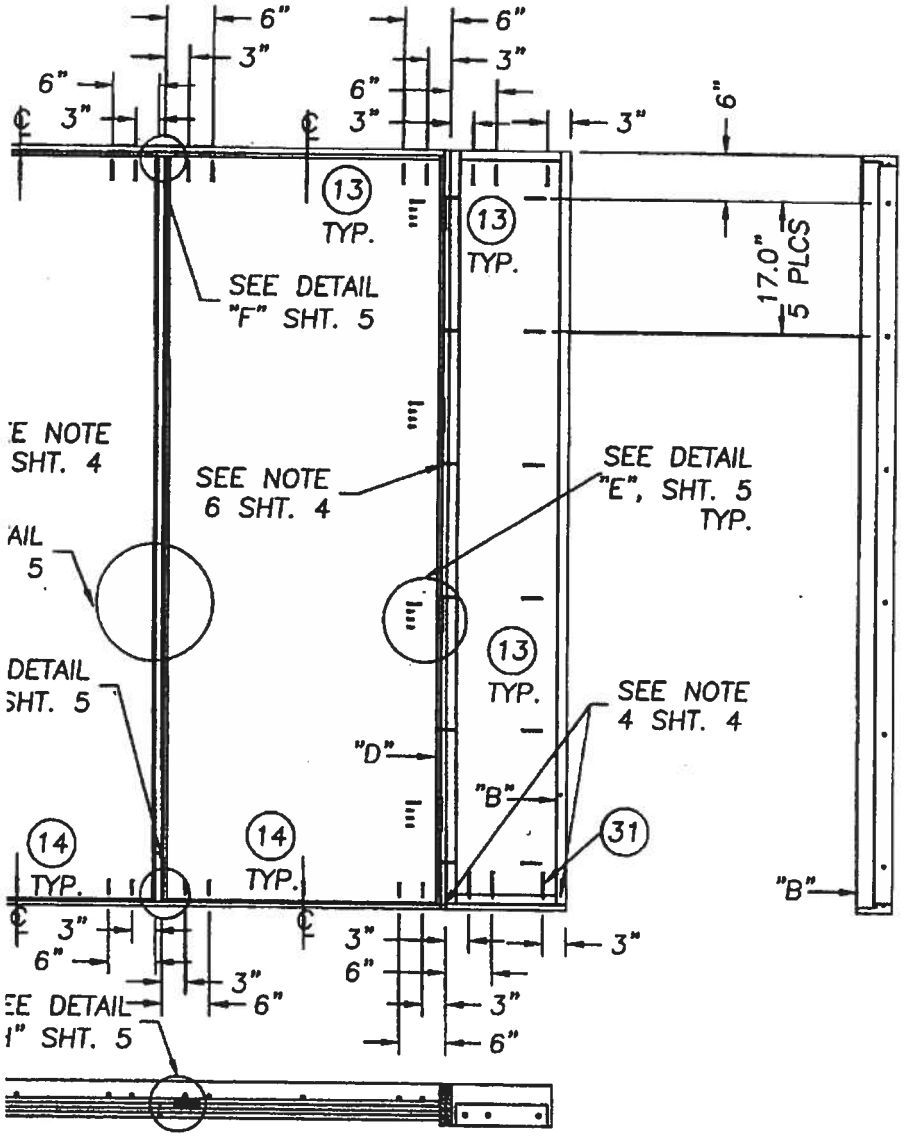
) TO THE SIDE JAMBS WITH

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

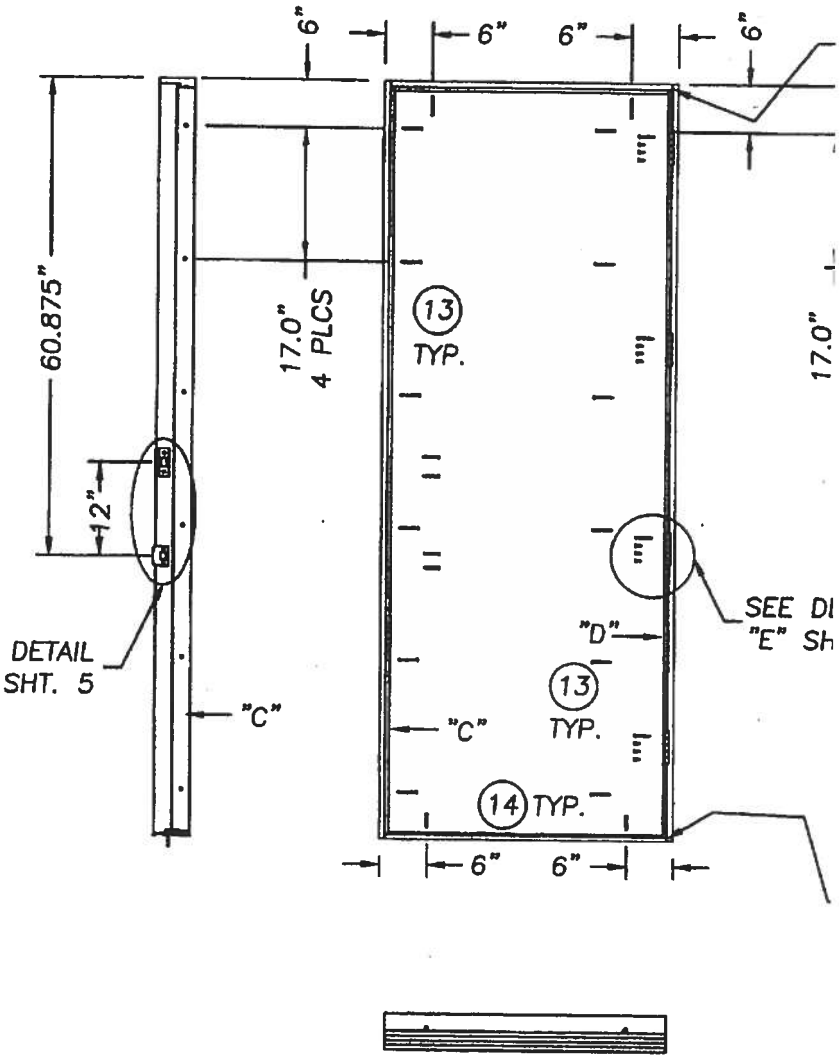


3/4 HORIZONTAL CROSS
@ STRIKE JAMB TO

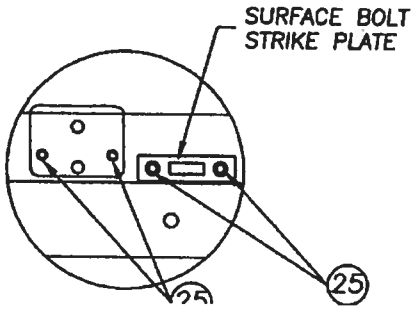
A1

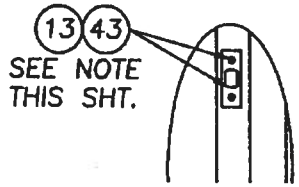


UBLE DOOR W/SIDELITES

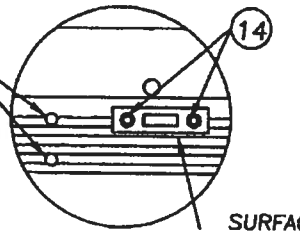


SINGLE DOOR

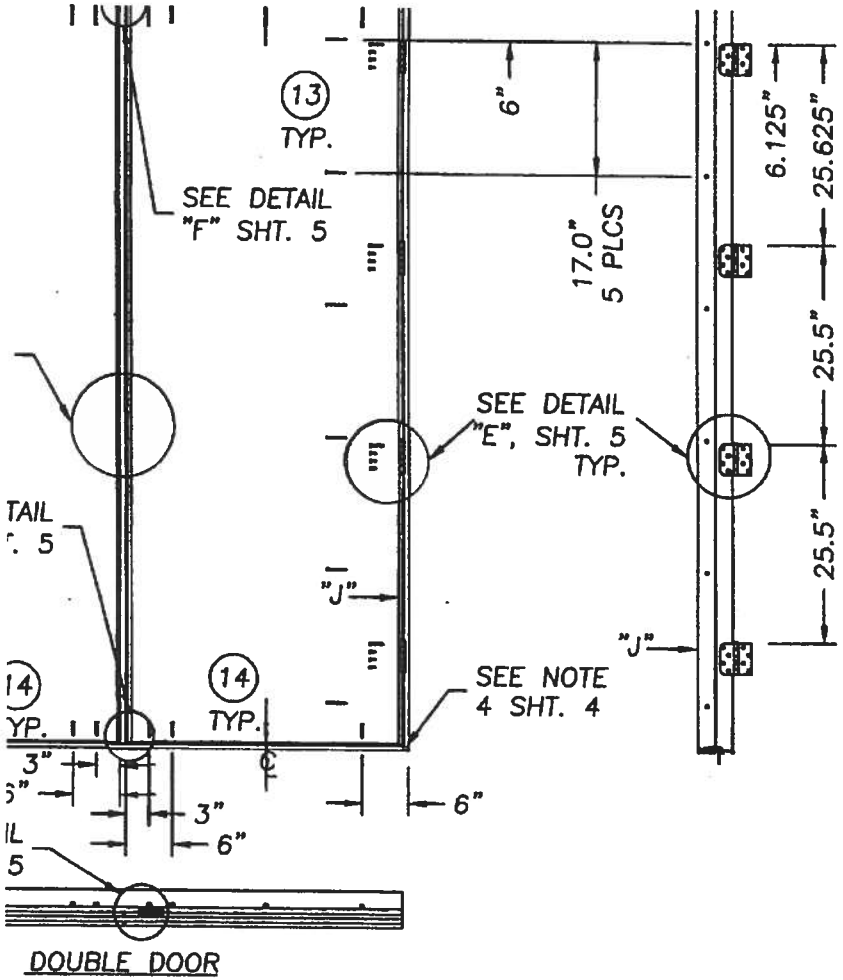




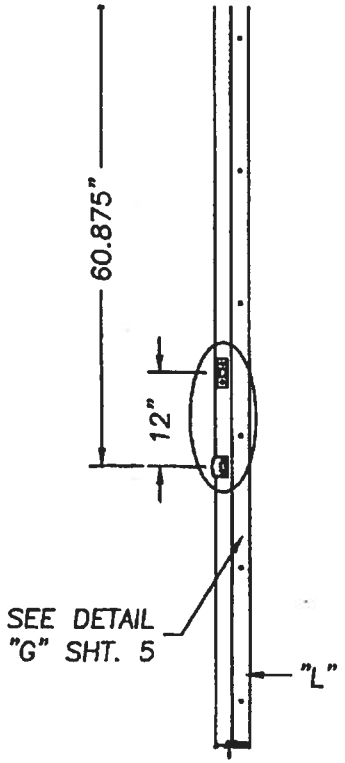
DRILL THRU FOR A ø.357" BOLT DEEP ENOUGH FOR A 2" BOLT THROW

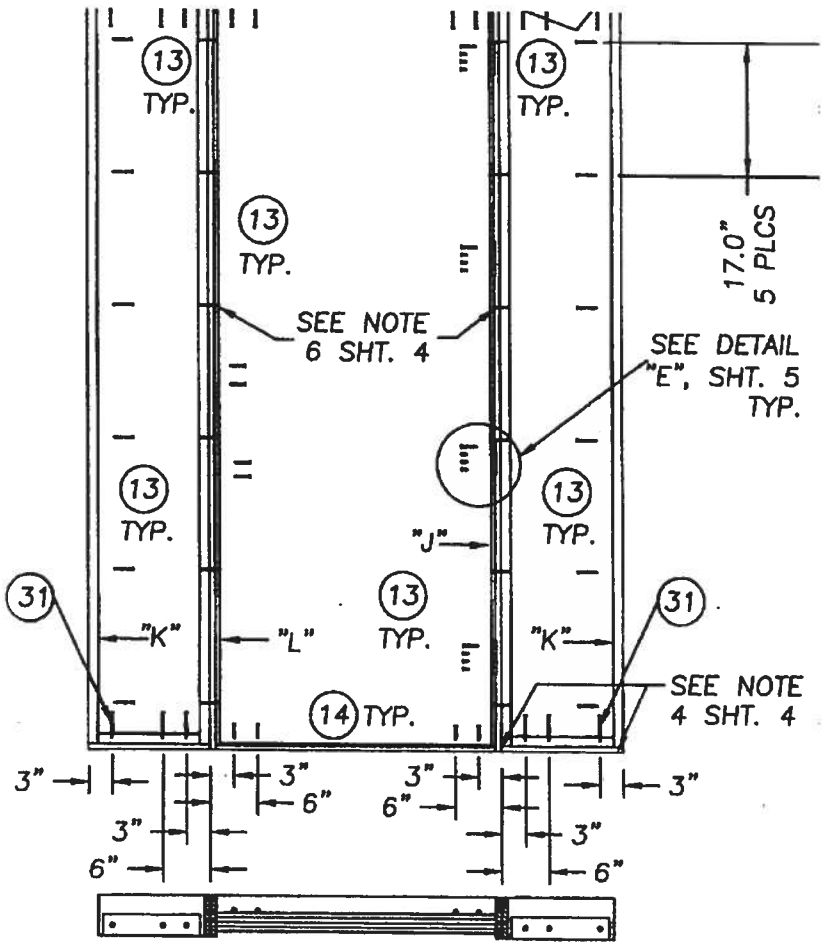


NOTE:
USE #8 x 2 1/2" PFH WOOD SCR
STRIKE AND DEADBOLT PLATES TO
ASTRAGAL EXCEPT IN THE MULLED
THE SIDELITE USE #8 x 2" PFH W

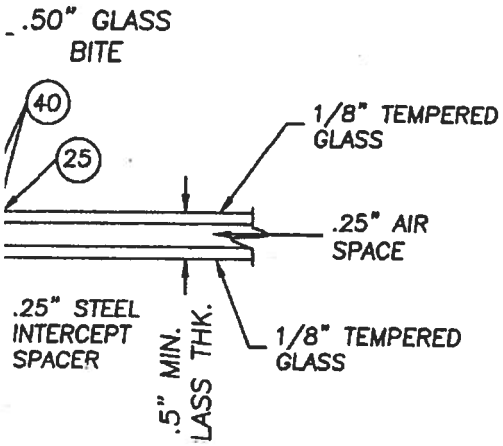


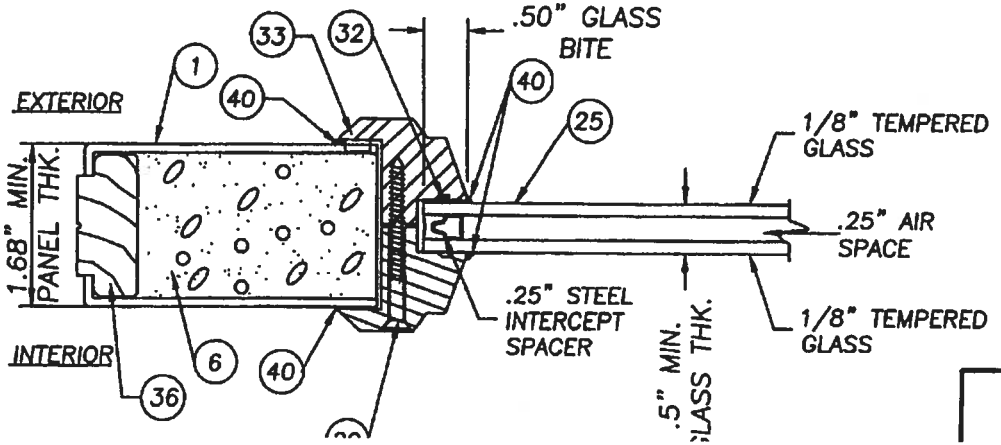
DOUBLE DOOR





SINGLE DOOR W/SIDELITES





.711

E

.246"

HOLD

ZONES"

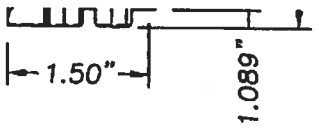
.528"

03"

.246"

OUTSWING
D THRESHOLD

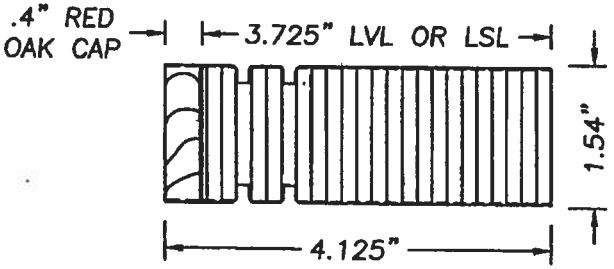
IE ZONES"



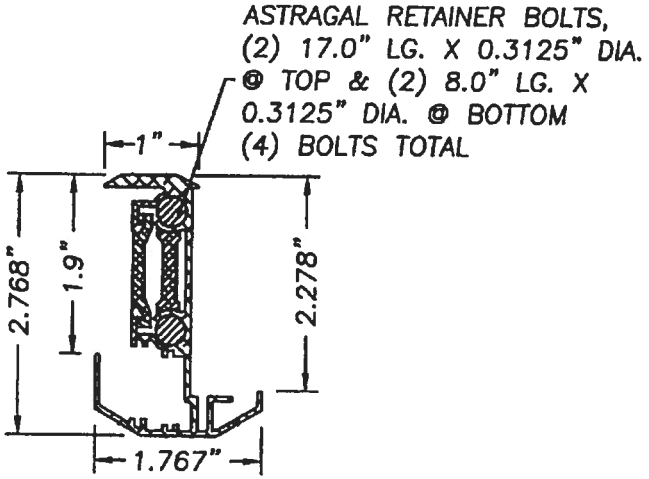
4

HINGE SIDE STILE

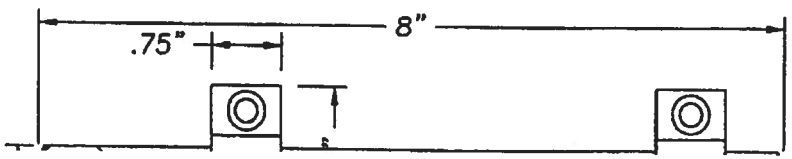
CORE MATERIAL: LVL OR LSL
ALTERNATE CORE MATERIAL: PONDEROSA, RADIATA, PULAI, ELLIOTTII, TAEDA OR SUGAR PINE, DOUGLAS OR WHITE FIR, CEDAR, INCENSE CEDAR OR REDWOOD.



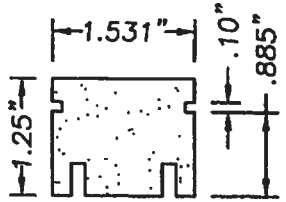
3 LATCH SIDE STILE/ LOCK BLOCK
LVL OR LSL W/ KILN DRIED RED OAK CAP



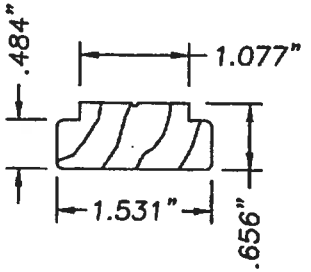
24 WINDJAMBER II WR80T
ASTRAGAL (ALUMINUM .052" WALL TYP.)



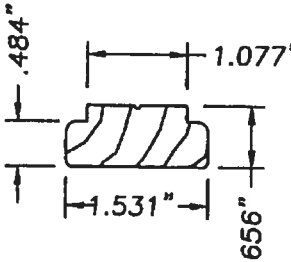
2 TOP RAIL
WOOD COMPOSITE



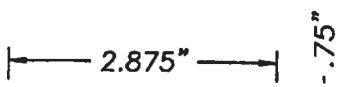
5 BOTTOM RAIL
WOOD COMPOSITE

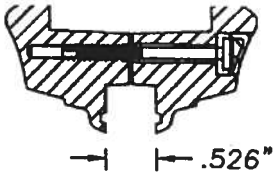


42 SIDELITE TOP & BOTTOM RAIL
FINGER JOINTED PONDEROSA PINE

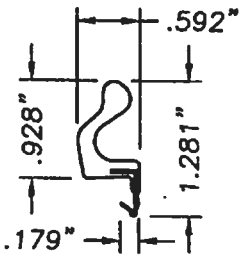


36 SIDELITE BLANK SIDE STILE
FINGER JOINTED PONDEROSA PINE

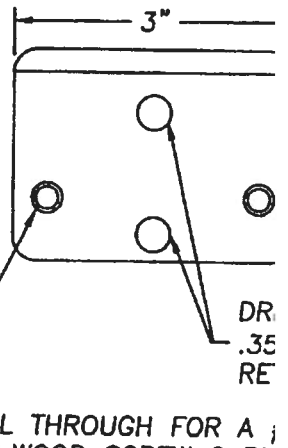




34 PLASTIC LIP LITE FRAME
EXTRUDED SMC



8 LONG REACH
COMPRESSION WEATHERSTRIP
FOAM CELL CORE
W/VINYL JACKET

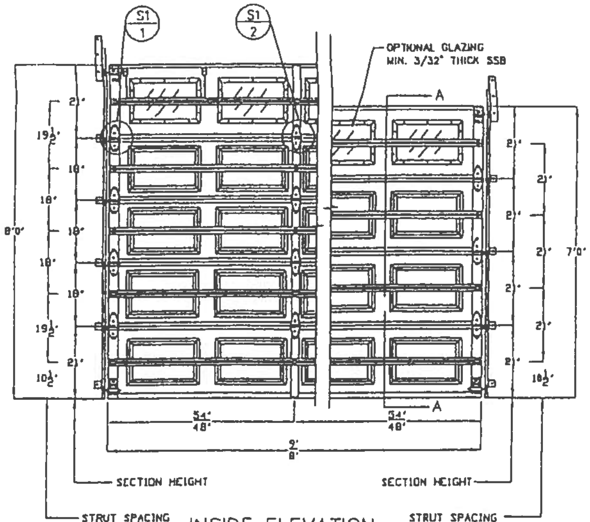


WINDJAMBER II WR80T

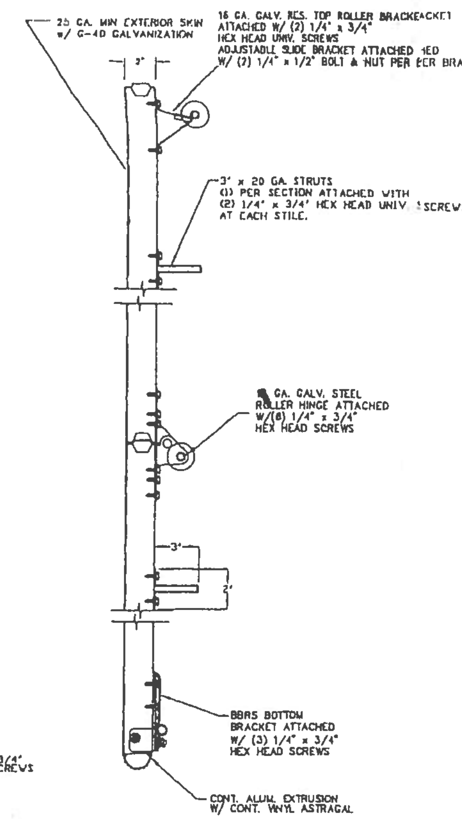
4.327"

33 P

7
COMPRES
BY
FOA
W/



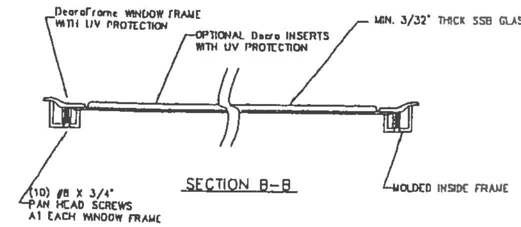
INSIDE ELEVATION



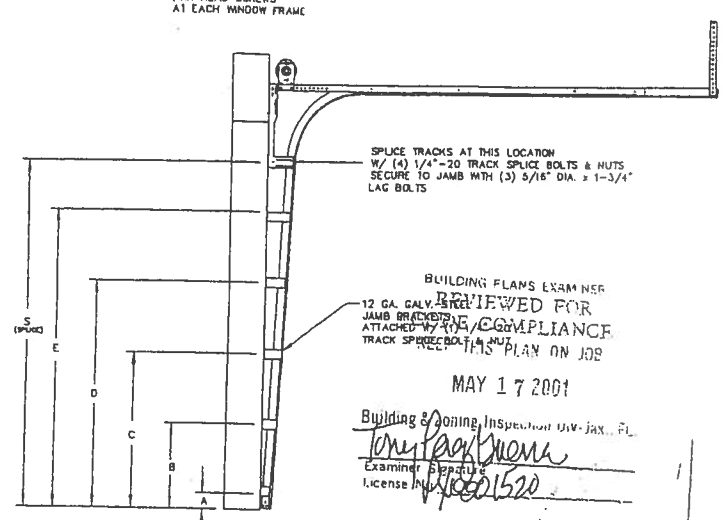
SECTION A–A (SIDE VIEW)

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 850 DOORS.



SECTION B–B



BUILDING PLANS EXAMINER
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON JOB
MAY 17 2001
Building & Zoning Inspection Div.-Jax., FL
Examiner Signature
License No.

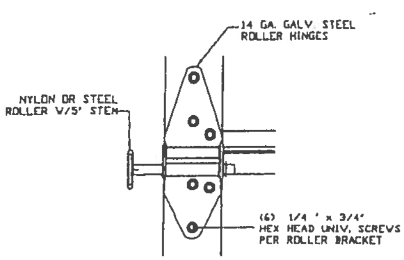
TRACK CONFIGURATION FOR 6'6" UP TO 8' TALL DOORS

JAMB BRACKET LOCATIONS

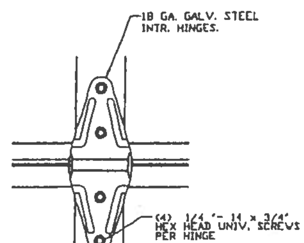
	A	B	C	D	E	S
6'-6"	4"	21-1/2"	39"	57"		70"
7'-0"	4"	21-1/2"	42"	63"		76"
7'-6"	4"	18"	36"	54"	72"	82"
8'-0"	4"	21-1/2"	39"	57"	75"	88"

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



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



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

WOOD JAMB ATTACHMENT TO STRUCTURE

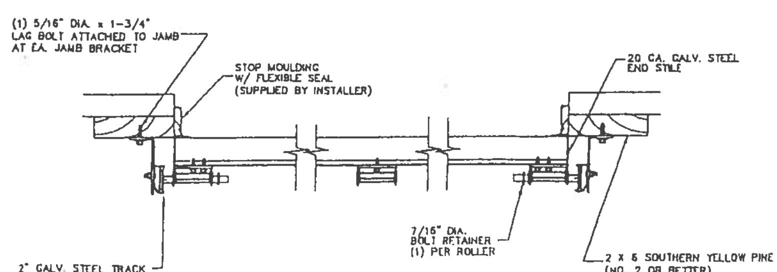
RATED FOR 110 MPH FASTEST-MILE BASIC WIND SPEEDS

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



TRACK MOUNTING DETAIL

MAX SIZE 9' x 8'	
DESIGN LOADS +28.7 PSF -31.3 PSF	
TEST LOADS +43.0 PSF -46.8 PSF	

Amarr
MODEL #600 STRATFORD
MODEL #850 HERITAGE III
B
SBC-580-007-J

4/19/01

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. Testing was conducted using four nails per shingle. These shingles also comply with Florida Buil ng 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

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	capital		
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	Hard + Stone		
B. SOFFITS	alumin		
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	archtec 30yr		
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS	all tread		
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

APPLICANT SIGNATURE

DATE

R-1305 01-04

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. #25091

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB109478 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: John Norris Const Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 162 NW Don Hunt Way, White Springs, FL 32096

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 12 Inside 24 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 12-13-06
Brand Name of Product(s) Used Tyrax X.T
EPA Registration No. 53447-92
Approximate Final Mix Solution % 0.25 %
Approximate Size of Treatment Area: Sq. ft. 2630 Linear ft. 297 Linear ft. of Masonry Voids 297
Approximate Total Gallons of Solution Applied 555
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No Upon Completion

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

Attachments (List)

Comments Treated new slab only

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

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

Authorized Signature Date 12-17-06

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

Form **NPCA-99-B** may still be used

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

BRITT SURVEYING
830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

Land Surveyors and Mappers

10/26/06

L-17864

To Whom It May Concern:

C/o: John Norris

Re: 24-2S-15-00079-000
The elevation of the finished floor is found to be 93.32 feet. The property is found to be in the zone X floodable area and the 100-year flood elevation is established to be 86.00 feet. The highest adjacent grade is 92.5 feet and the lowest adjacent grade is 91.4 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757

2509)

FACSIMILE TRANSMITTAL

BRITT SURVEYING
830 WEST DUVAL STREET
LAKE CITY, FL 32055
(386) 752-7163 phone
(386) 752-5573 fax

DATE: 2/22/07

ATTENTION: Gail

FROM: Sarah per Mr. Norris

NUMBER OF PAGES (INCLUDING THIS COVER): 4

COMMENTS:

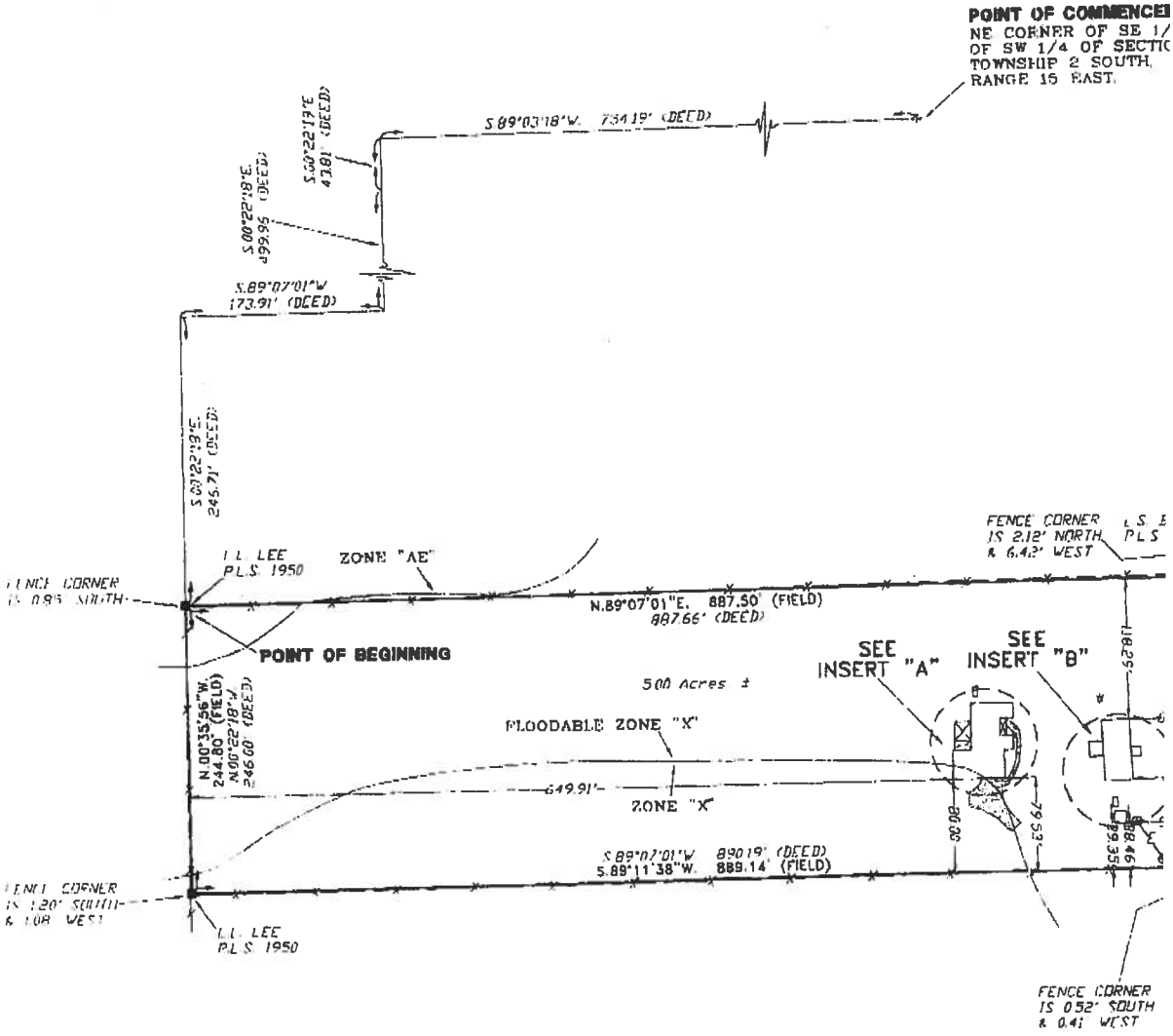
Mr. Norris asked me to fax this to you.

Thanks!

REPLY REQUESTED: YES (NO)

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. A PORTION OF THIS PARCEL IS IN ZONE "AE" AND IS SUBJECT TO FLOODING. A BASE FLOOD ELEVATION IS ESTABLISHED TO BE 86.00 FEET. A PORTION OF THIS PARCEL IS IN FLOODABLE ZONE "X" AND IS DETERMINED TO BE AREAS OF 500 YEAR FLOOD, AREAS OF 100 YEAR FLOOD WITH AVERAGE DEPTHS LESS THAN ONE FOOT OR WITH DRAINAGE AREAS LESS THAN ONE SQUARE MILE, AND AREAS PROTECTED BY LEVEES FROM 100 YEAR FLOOD. A PORTION OF 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 0105 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.



CERTIFIED TO:

JOHN NORRIS
MONTICELLO BANK

FIELD BOOK: 245 PAGE(S): 26 & 27

SURVEYOR'S CER

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UND TECHNICAL STANDARDS AS SET FORTH BY THE FLORID IN CHAPTER 61G17 6, FLORIDA ADMINISTRATIVE CODE.

02/13/07
FIELD SURVEY DATE

02/14/07
DRAWING DATE

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINA MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INF

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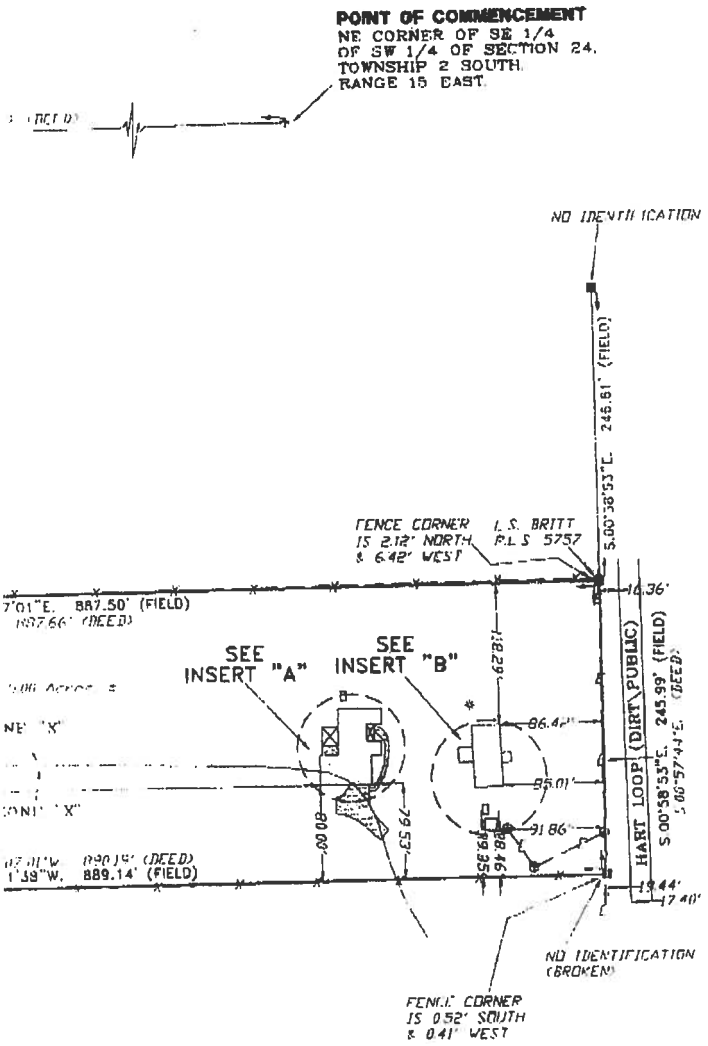
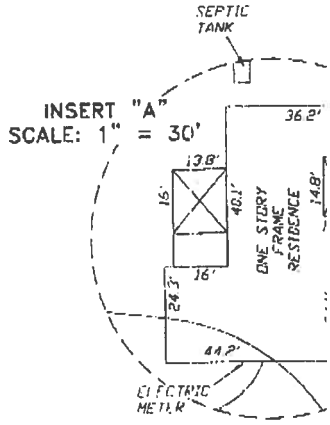


DESCRIPTION:
COMMENCE AT T
RANGE 15 EAST,
LINE OF SAID S
FEET TO THE S
499.96 FEET TO
MONUMENT) THEN
N.89°07'01"E., 86
THENCE RUN S.0
ROAD, 245.99 F
FEET TO THE P



SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES

02/13/07
FIELD SURVEY DATE

02/14/07
DRAWING DATE

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

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

BRITT

BI

TELEPHONE: (386) 752-

A BOUNDARY SURVEY IN SECTION 24, TOWNSHIP 2 SOUTH,
RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA

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
- --o-- WOODEN FENCE

N

SCALE: 1" = 100'

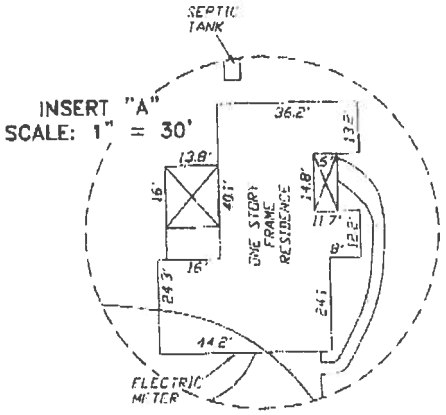
DESCRIPTION:
COMMENCE AT THE NE CORNER OF THE SE 1/4 OF SW 1/4 OF SECTION 24, TOWNSHIP 2 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA, AND RUN THENCE S.89°03'18"W., ALONG THE NORTH LINE OF SAID SE 1/4 OF SW 1/4, A DISTANCE OF 754.19 FEET; THENCE RUN S.00°22'19"E., 43.8 FEET TO THE SOUTH RIGHT-OF-WAY OF A COUNTY GRADED ROAD; THENCE CONTINUE S.00°22'18"E. 499.96 FEET TO A CONCRETE MONUMENT; THENCE S.89°07'01"W., 173.91 FEET TO A CONCRETE MONUMENT; THENCE RUN S.00°22'18"E., 246.71 FEET TO THE POINT OF BEGINNING; THENCE RUN N.89°07'01"E., 887.66 FEET TO THE WEST RIGHT-OF-WAY LINE OF A COUNTY GRADED ROAD; THENCE RUN S.00°57'44"E., ALONG THE WEST RIGHT-OF-WAY LINE OF SAID COUNTY GRADED ROAD, 245.99 FEET; THENCE RUN S.89°07'01"W., 890.19 FEET; THENCE RUN N.00°22'18"W., 246.01 FEET TO THE POINT OF BEGINNING.

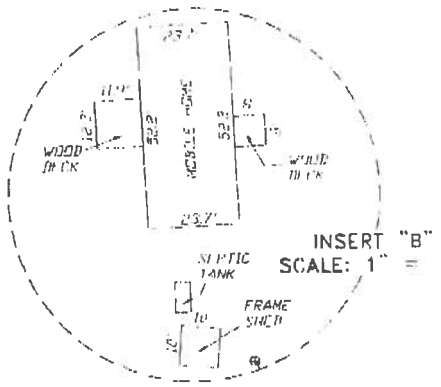
ATION

S.00°58'53"E. 245.99' (FIELD)
S.00°57'44"E. (DEED)

44'
17.40'

ATION





ILE CHANGE AND MEETS THE MINIMUM
FESSIONAL SURVEYORS AND MAPPERS
CTION 472.027, FLORIDA STATUTES.

TT BRITT, PSM
ICATION # 5737

OF A FLORIDA LICENSED SURVEYOR AND
POSES ONLY AND IS NOT VALID

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

WORK ORDER # : 18149

Need elevation letter before released.
Per RJ

2501

NEED ORIGINAL
Letter with SEAL

10/26/06

L-17864

To Whom It May Concern:

C/o: John Norris

Re: 24-2S-15-00079-000
The elevation of the finished floor is found to be 93.32 feet. The property is found to be in the zone X floodable area and the 100-year flood elevation is established to be 86.00 feet. The highest adjacent grade is 92.5 feet and the lowest adjacent grade is 91.4 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757