



**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
108 Mutzfeld Road
Butler, IN 46721**

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: "Fiber Classic"/"Smooth Star" 6'8" Inswing Opaque Insulated Fiberglass Door w/Sidelites

APPROVAL DOCUMENT: Drawing No. S-2151, dated 01/31/02, with revision 1 dated 01/31/02, titled "Fiber Classic"/"Smooth Star" up to 105" x 6-8 w & w/o 14" SL, Inswing, sheets 1 through 8, prepared by R. W. Building Consultants, Inc., 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.**



**NOA No 01-1127.02
Expiration Date: June 6, 2007
Approval Date: June 6, 2002
Page 1**

THERMA-TRU®

"FIBER CLASSIC"/"SMOOTH STAR" INSWING 6-8 SINGLE AND DOUBLE W/& W/OUT SIDELITES. INSULATED FIBERGLASS DOOR WITH WOOD FRAMES.

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. THIS PRODUCT DOES NOT MEET THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES".
6. WHEN THIS PRODUCT IS USED IN AREA REQUIRING WINDBORNE DEBRIS PROTECTION, FLORIDA BUILDING CODE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED.
7. SIDELITES ARE AN OPTION AND CAN BE USED IN A SINGLE OR DOUBLE CONFIGURATION.

RESIDENTIAL INSULATED FIBERGLASS DOOR (Common to all frame conditions)

Door & Sidelite Leaf Construction:

Face sheets: Fiberglass avg. min. yield strength

Fy(min.)=6,000 psi

SmoothStar - 0.070" minimum skin thickness

FiberClassic - 0.110" minimum skin thickness

Core design: Polyurethane foam core,

with 1.9 lbs. density by BASF.

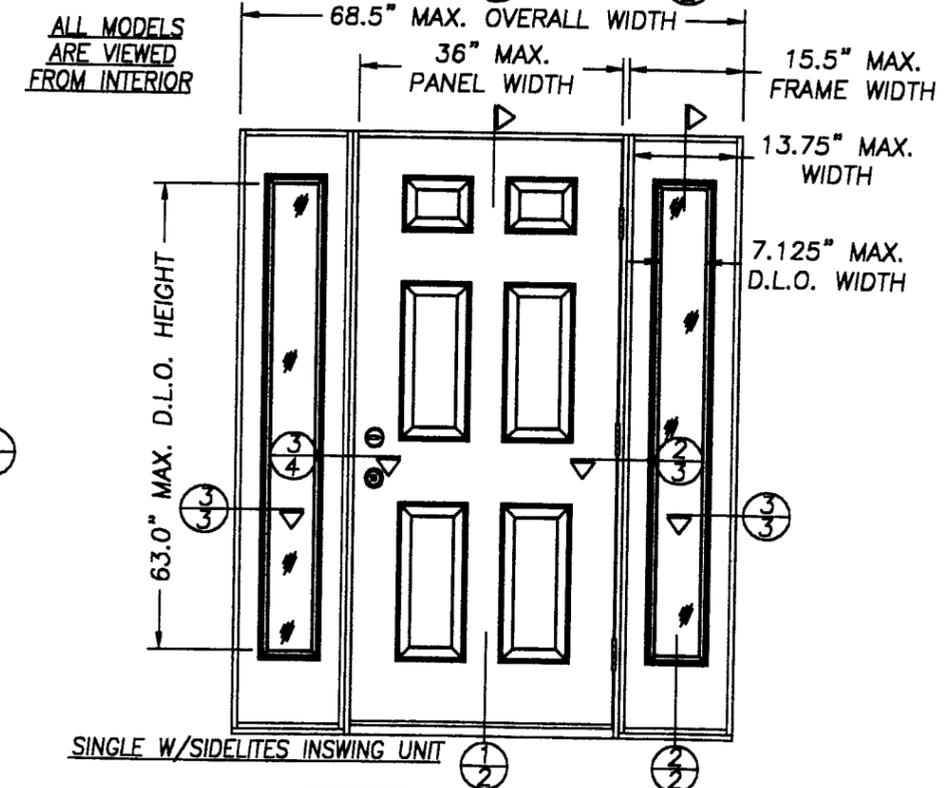
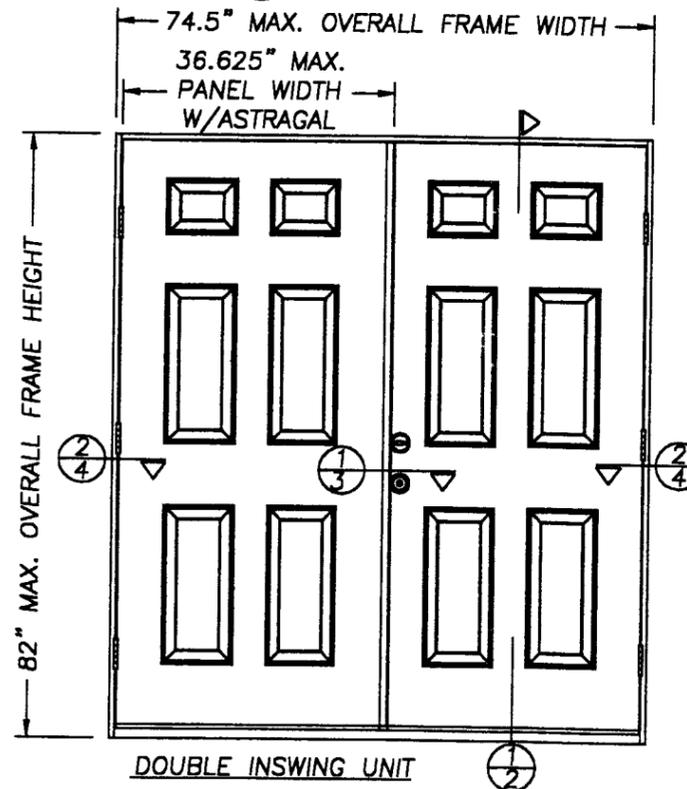
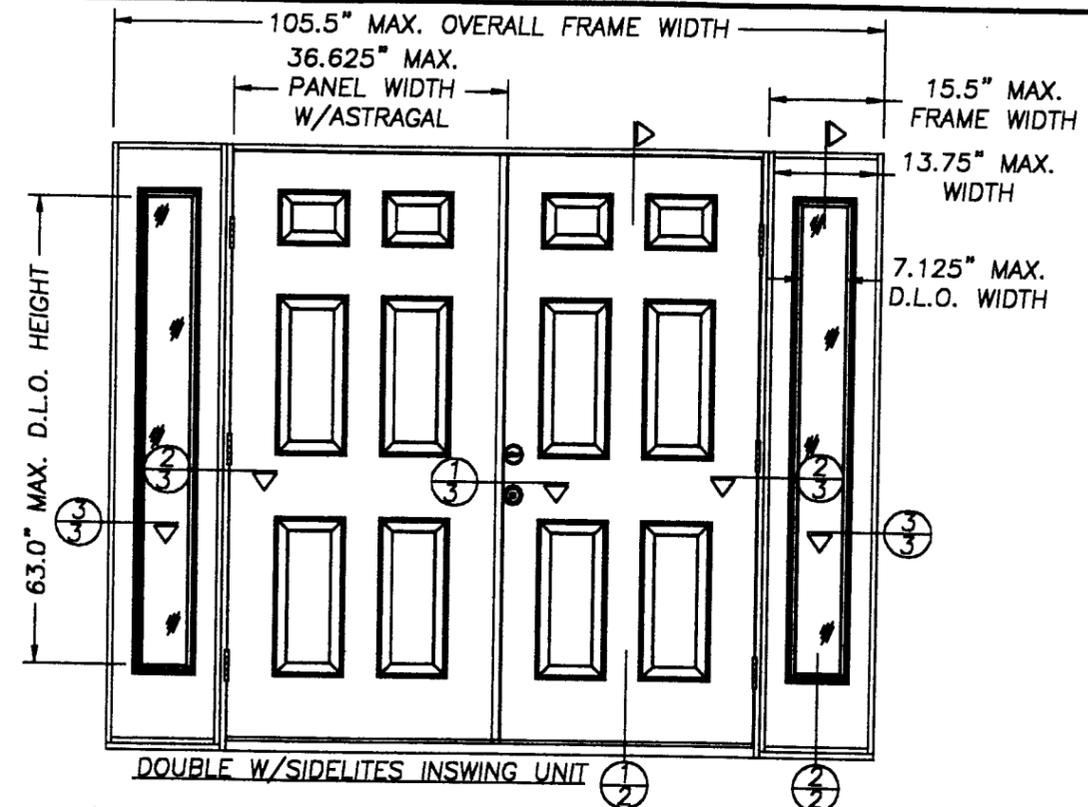
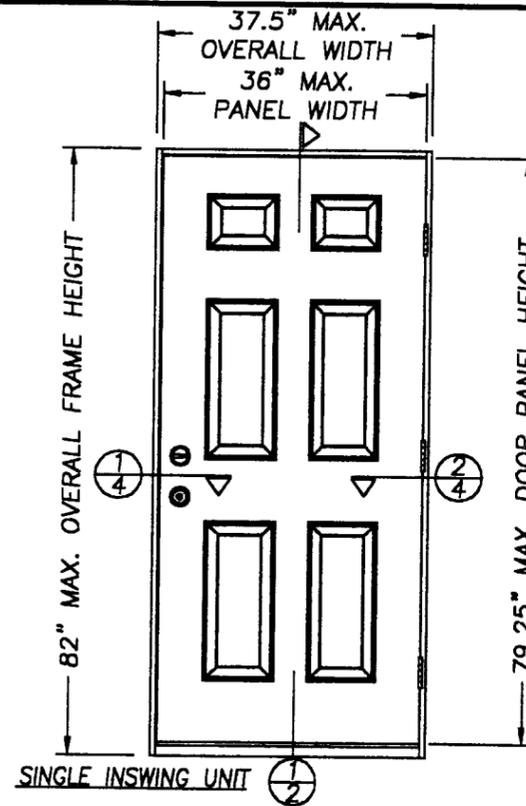
Panel Construction: The panel skin is constructed from a 0.070" thk. sheet molding compound (SMC). The interior cavity is filled with 1.9 lbs. density BASF polyurethane foam. The panel face sheets are glued to the wood stiles and rails. The LVL latch stile is reinforced with a wood lock block measuring 2.375" x 14.0" long at the strike and deadbolt location. The hinge stile is Finger Jointed Pine and the top and bottom rail are of a wood composite material. In the double door application the inactive door is fitted with an extruded aluminum astragal (Wind Jamber II) of 6063-T6 alloy.

Frame Construction: The frame is constructed from finger jointed pine. The header is joined to the side jambs with (3) 16ga. 1/2" crown x 2" long staples at each side. The mullions are secured together in a sidelite application using #8 x 2" long PFH Wood Screws (6) screws per each mullion. The units use an Inswing Saddle threshold measuring 5.75" x 1.548".

Sidelite Glazing: The sidelite panels are sandwich glazed using a two piece lip lit frame. They are dry glazed on the exterior with an 1/8" thk. cellular glazing tape, (Stik-It Tape) & caulked with silicone. The lite frames are held together with a #8 x 1 1/2" long Plascrew.

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SHEET #	DESCRIPTION
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5	ANCHORING LOCATIONS & DETAILS
6	ANCHORING LOCATIONS & GLAZING DETAILS
7	UNIT COMPONENTS
8	BILL OF MATERIALS & UNIT COMPONENTS



DESIGN PRESSURE RATING	
UNIT TYPE	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
SINGLE	+ 67.0 PSF - 67.0 PSF
DOUBLE	+ 55.0 PSF - 55.0 PSF
SINGLE & DOUBLE WITH SIDELITES	+ 55.0 PSF - 55.0 PSF

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO
PH. (800) 537-8827

PRODUCT: "FIBER CLASSIC"/"SMOOTH STAR" UPTO .105" x 6-8 W&W/OUT 14" SL INSWING
PART OR ASSEMBLY:

TYPICAL ELEVATIONS & GENERAL NOTES

NO.	DATE	GENERAL REVISION	BY
1	1/31/02		

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 08/10/01

SCALE: N.T.S.

DWG. BY: TJH

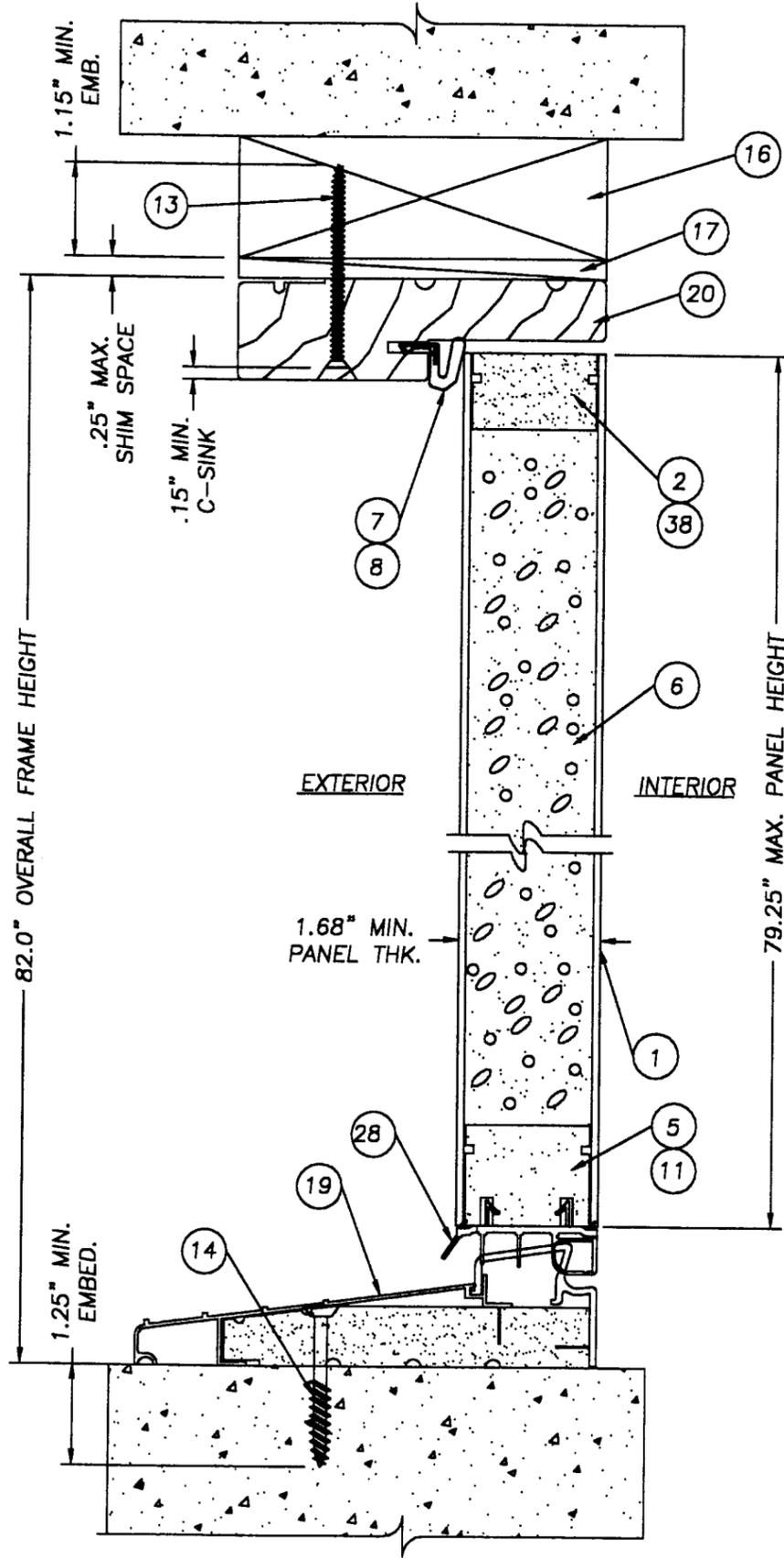
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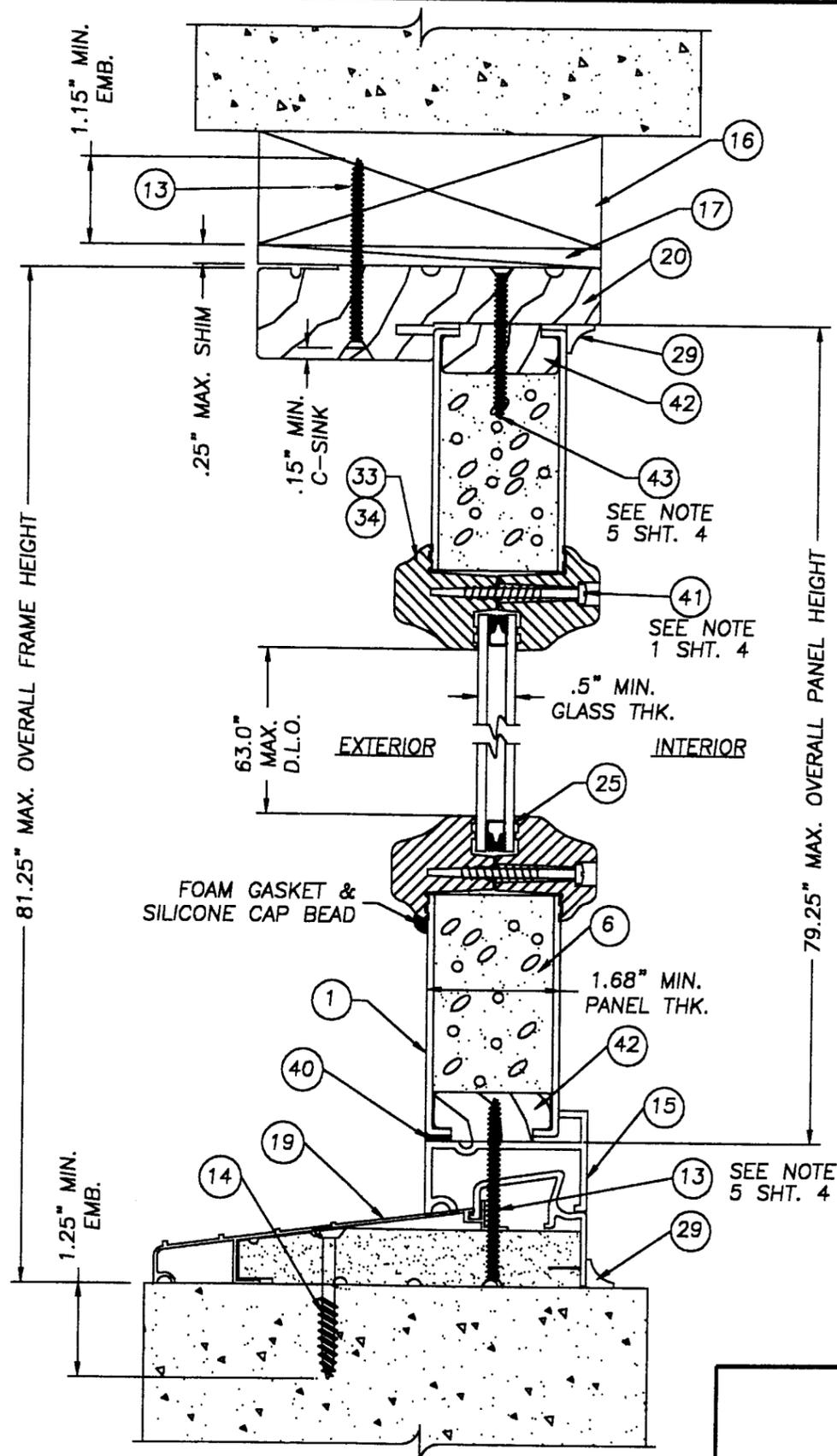
S-2151

SHEET 1 OF 8

Approved as complying with the Florida Building Code
Date: June 6, 2002
NOA# 01-1127-02
Miami Dade Product Control
Division
By: *Manuel Perez*



1 VERTICAL CROSS SECTION
2 DOOR PANEL



2 VERTICAL CROSS SECTION
2 SIDELITE PANEL

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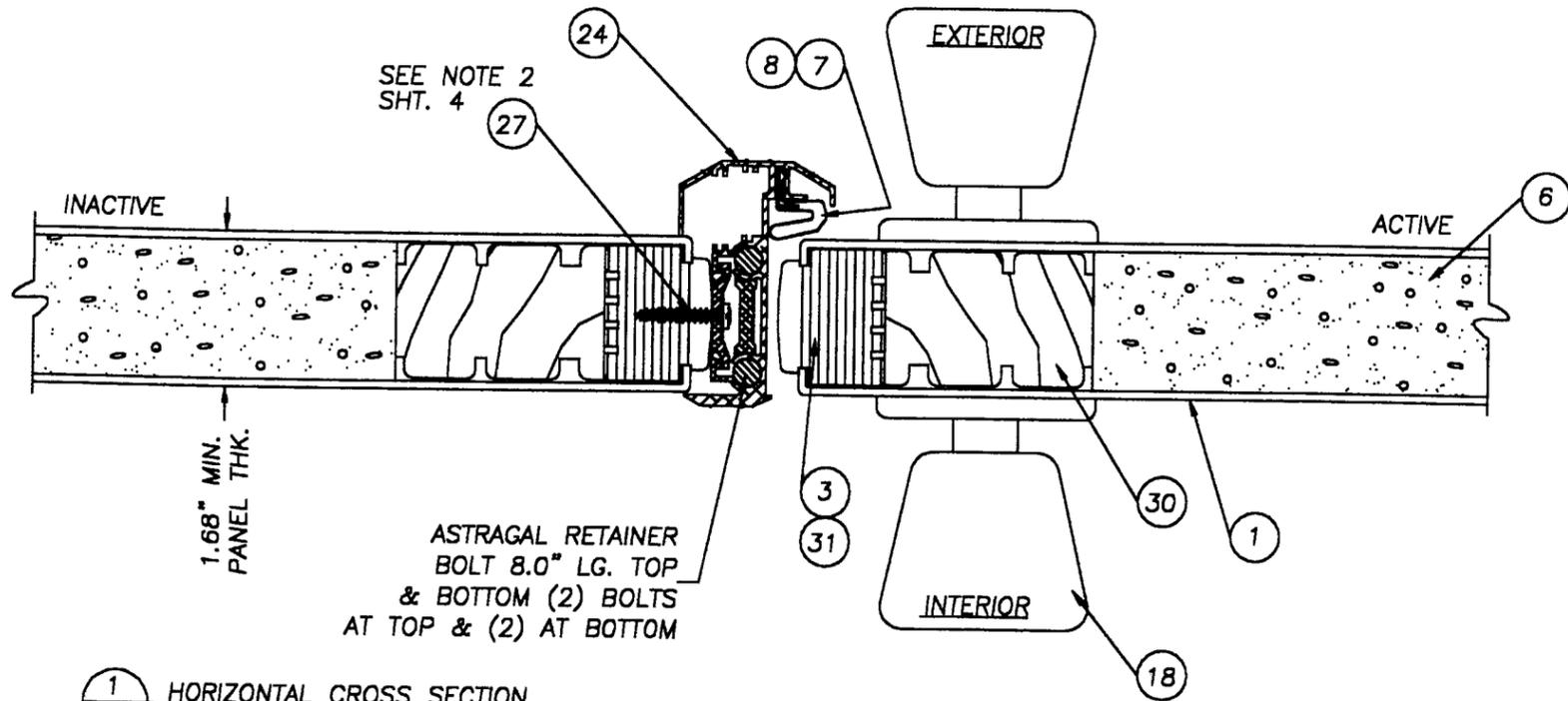
PRODUCT: FIBER CLASSIC/SMOOTH STAR[®] UP TO 105.5\"/>

NO.	DATE	GENERAL REVISION	WH	BY
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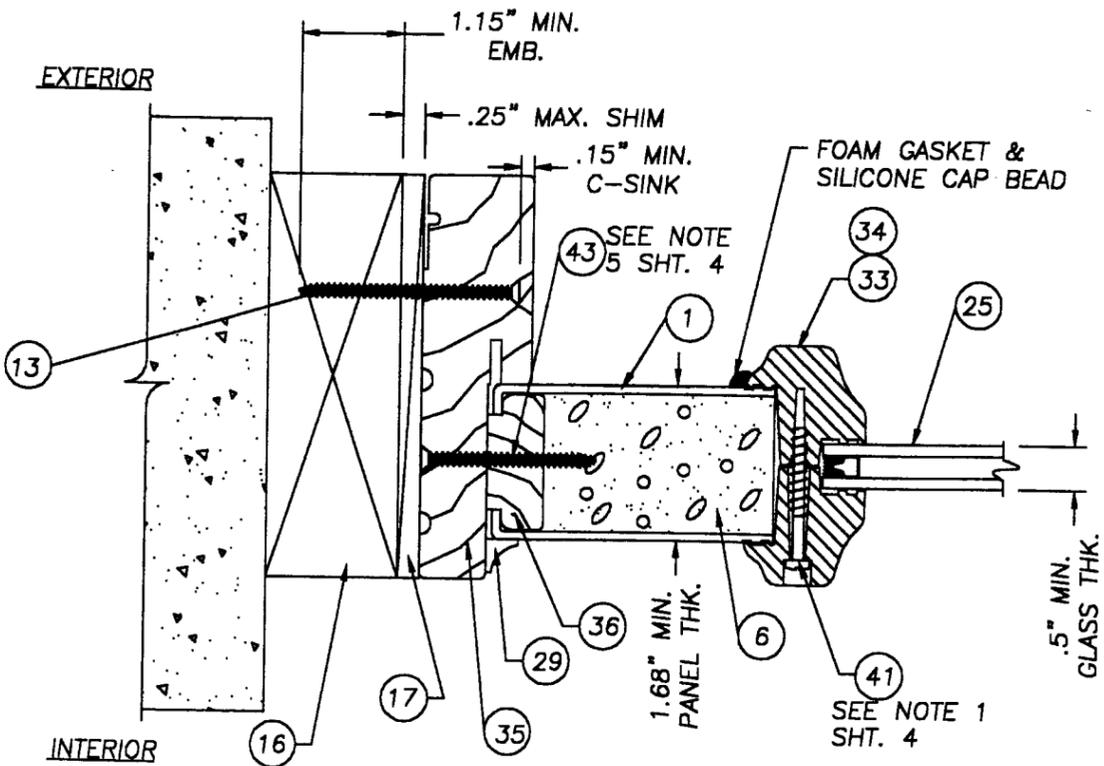
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813.684.3831

DATE: 08/10/01
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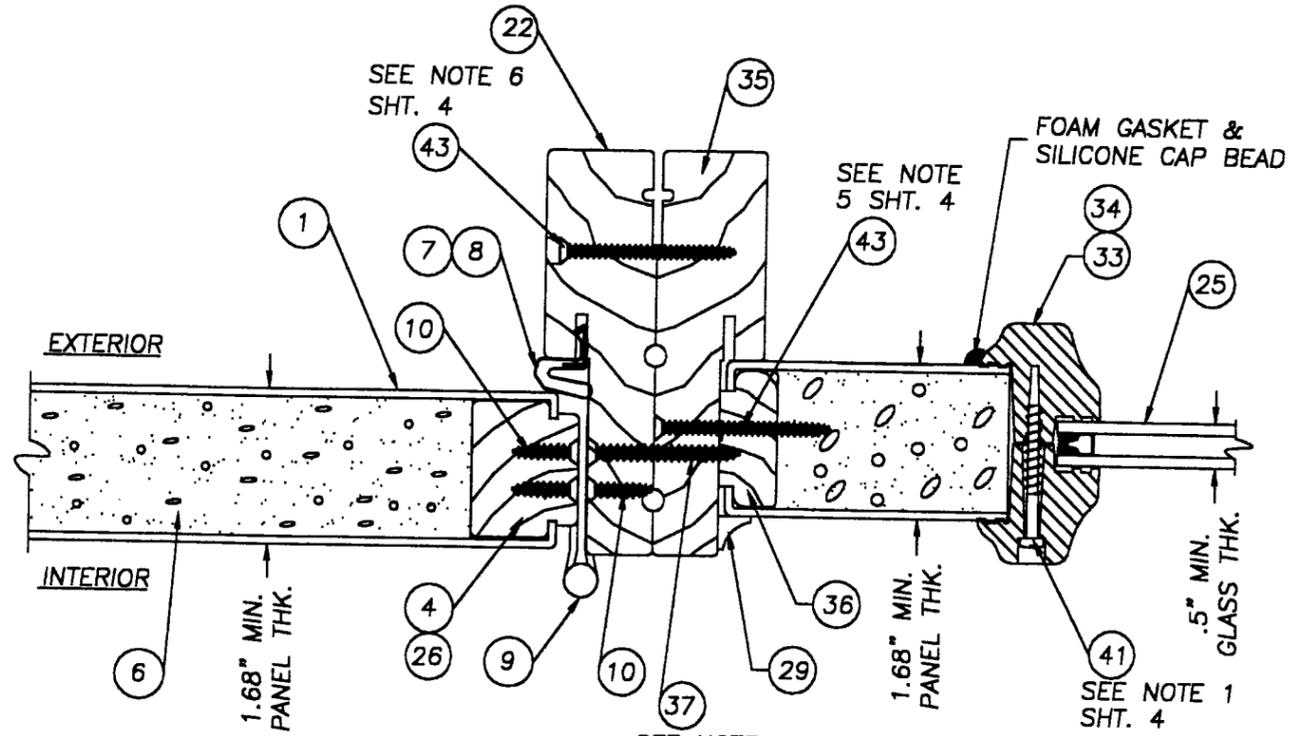
Approved as complying with the Florida Building Code
Date: June 6, 2002
NOA# 01-1127.02
Miami Dade Product Control Division
By: Mamuel Perry



1 HORIZONTAL CROSS SECTION
3 ASTRAGAL



3 HORIZONTAL CROSS SECTION
3 SIDELITE TO BUCK



2 HORIZONTAL CROSS SECTION
3 HINGE JAMB TO SIDELITE

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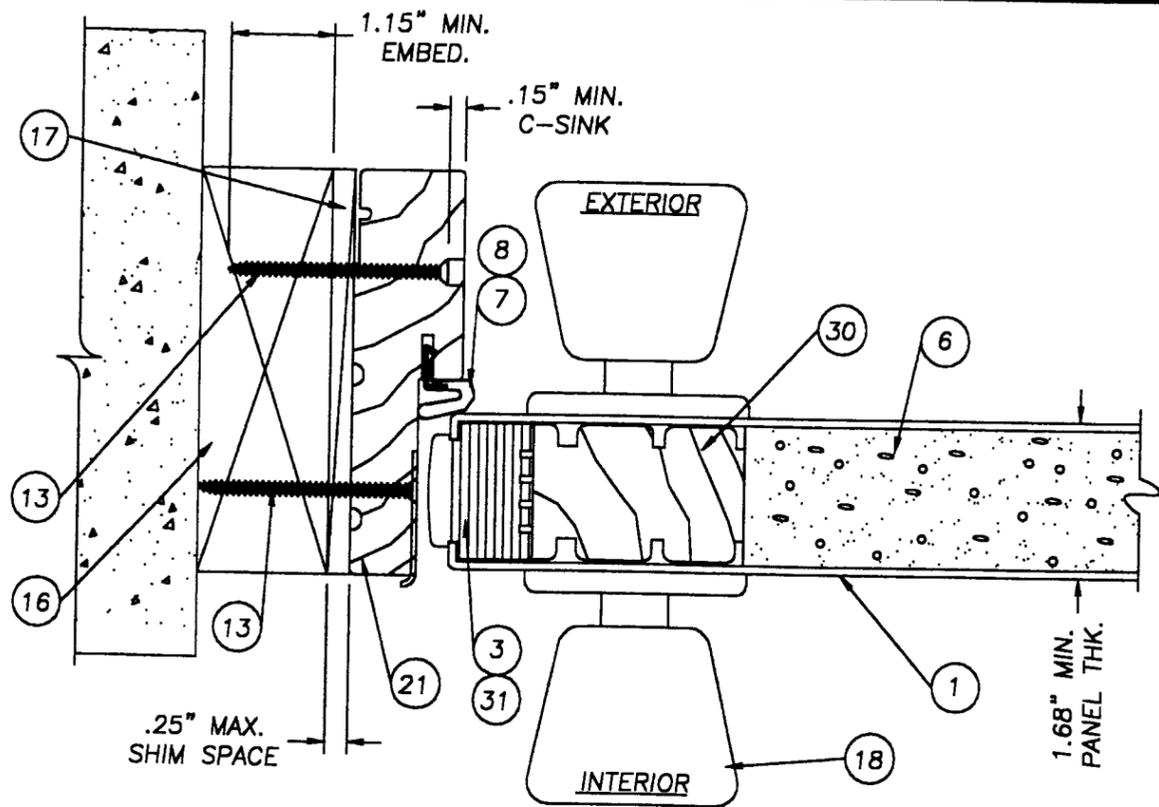
PRODUCT: "FIBER CLASSIC"/"SMOOTH STAR" UPTO 105.5" x 6-8 W&W/OUT 14" SL, INSWING
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

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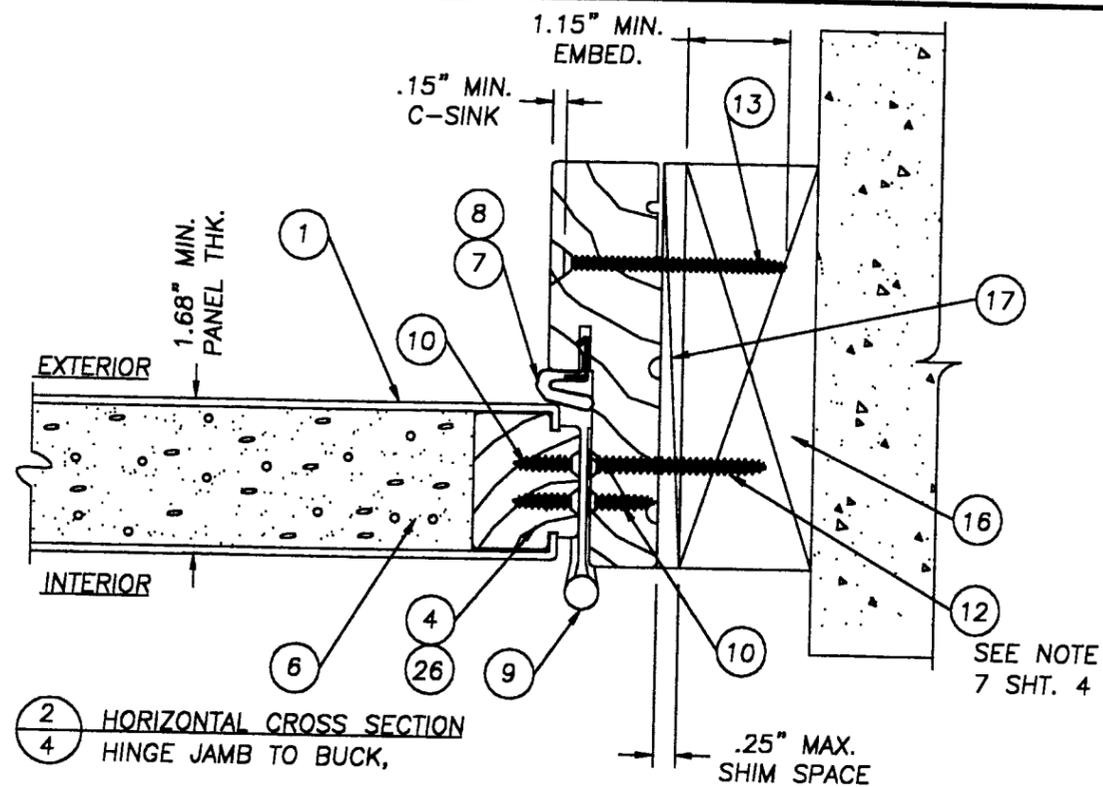
RW BUILDING CONSULTANTS, INC.
813.884.3831

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Date June 6, 2002
NOA# 01-1127.02
Miami Dade Product Control Division
By Manuel Perez

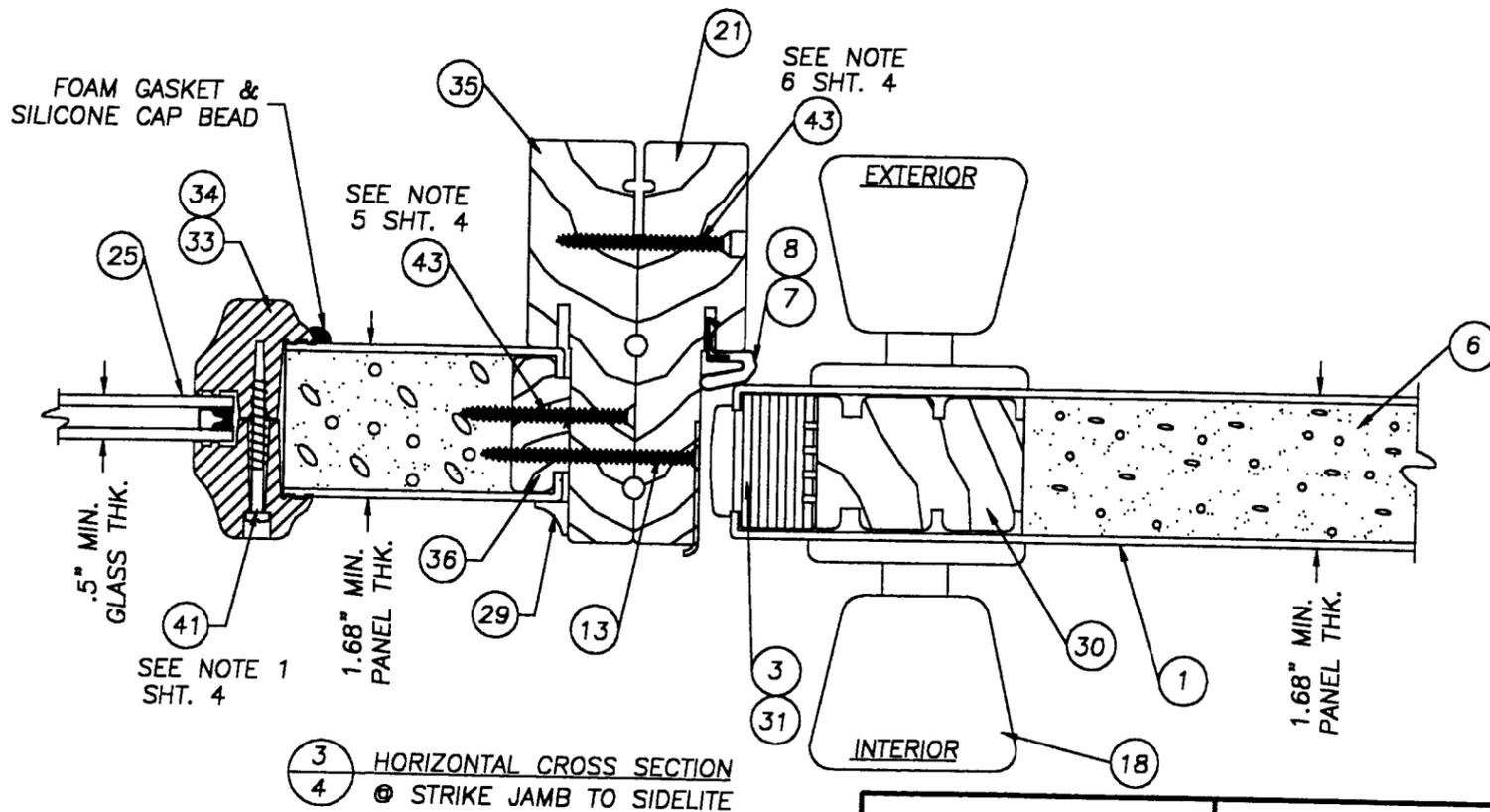
DATE: 08/10/01
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2151
SHEET 3 OF 8



1
4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,



2
4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,



3
4 HORIZONTAL CROSS SECTION
STRIKE JAMB TO SIDELITE

NOTES:

- SPACING FOR ITEM NO. 41 (LITE FRAME SCREWS) IS AS FOLLOWS: VERTICAL FROM THE TOP DOWN ON SIDES; 5.5", 16.5", 27.5", 38.375", 49.375" & 60.375". HORIZONTAL THERE ARE (2) SCREW BOTH TOP AND BOTTOM AT 2.125" IN FROM EACH CORNER.
- SPACING FOR ITEM NO. 27 (#8 x 1" PANHEAD SCREW) ATTACHING THE ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE TOP DOWN 1", 3", 5", 18.25", 40.5", 59.25", 74.25", 76.25" & 78.25".
- THE HEAD JAMB IS ATTACHED TO THE SIDE JAMBS WITH (3) 16GA. x 1/2" CROWN x 2" STAPLES AT BOTH SIDE.
- THE THRESHOLD IS ATTACHED TO THE SIDE JAMBS WITH (2) 16GA. x 1/2" CROWN x 2.5" STAPLES AT BOTH SIDE.
- THE SIDELITE IS DIRECT SET INTO THE JAMB WITH (12) ITEM NO. 43 (#8 x 2" PFH. WOOD SCREW). THERE ARE (4) AT EACH VERTICAL JAMB, FROM THE TOP DOWN AT 13.5", 31", 48.5" & 66". THERE ARE (2) AT THE HEADER AT 4" IN FROM THE OUTSIDE CORNERS OF THE FRAME. THERE ARE (2) AT THE SILL, 4" IN FROM THE OUTSIDE CORNERS.
- SPACING FOR ITEM NO. 43 (#8 x 2" SCREW) SECURING THE MULLIONS TOGETHER IS THE SAME AS THE PERIMETER ANCHORING SCREWS. 6" DOWN FROM THE TOP AND UP FROM THE BOTTOM WITH (4) MORE SPACED AT 13.7" O.C.
- WHEN ATTACHING THE HINGE TO THE JAMB AND THE BUCK USE ITEM NO. 12 (#10 x 2" SCREW). WHEN ATTACHING THE HINGE TO THE JAMB AND THE SIDELITE AT THE MULLION USE ITEM NO. 37 (#10 x 1 3/4" SCREW).

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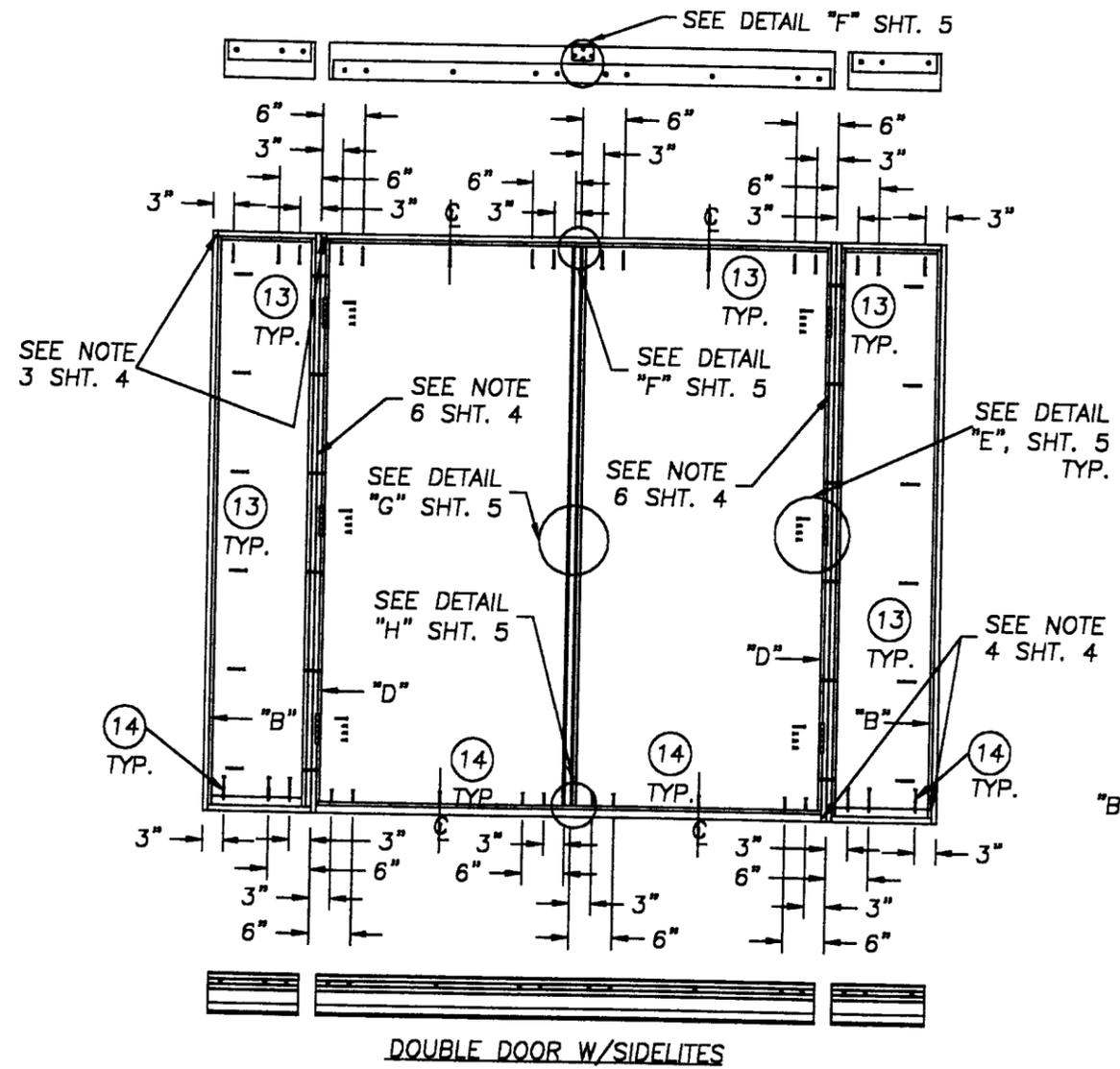
PRODUCT: "FIBER CLASSIC"/"SMOOTH STAR" UPTO 105.5" x 6-8 W&W/OUT 14" SL INSWING
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS & NOTES

NO.	DATE	GENERAL REVISION	WN	BY
1	1/31/02			

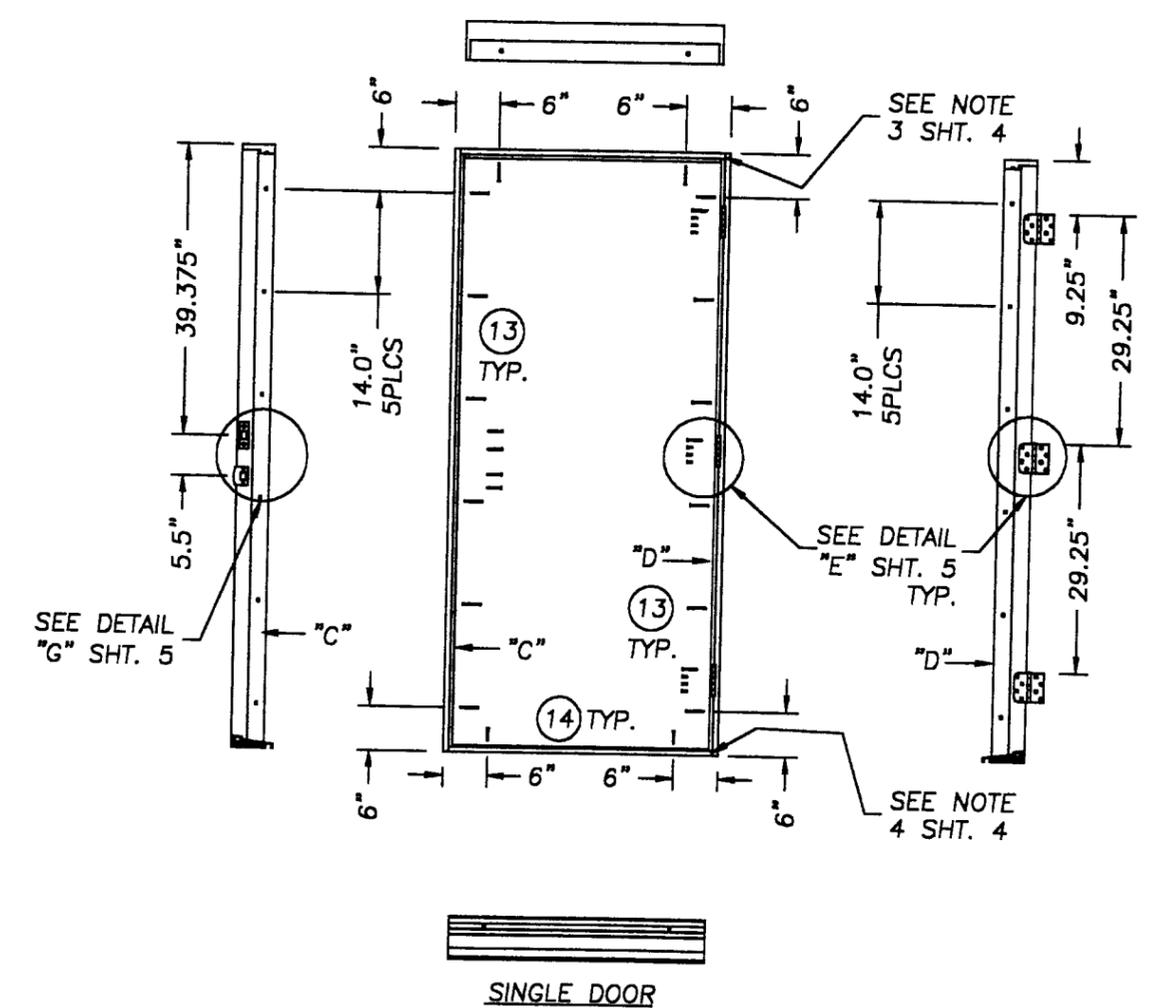
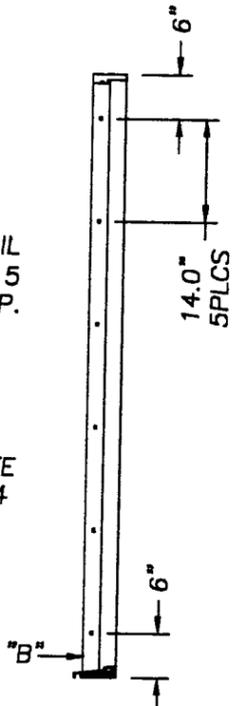
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813.684.3831

Approved as complying with the Florida Building Code
Date: June 6, 2002
NOA# 01-1121.02
Miami Dade Product Control Division
By: *[Signature]*

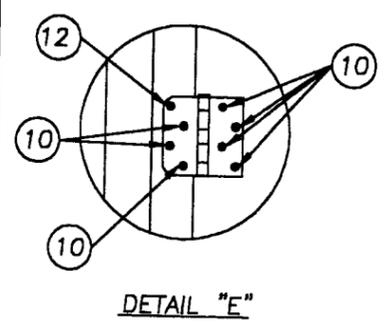
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SHEET 4 OF 8



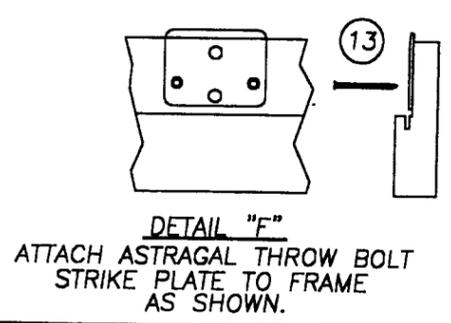
DOUBLE DOOR W/SIDELITES



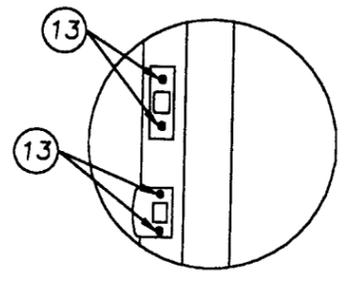
SINGLE DOOR



DETAIL "E"

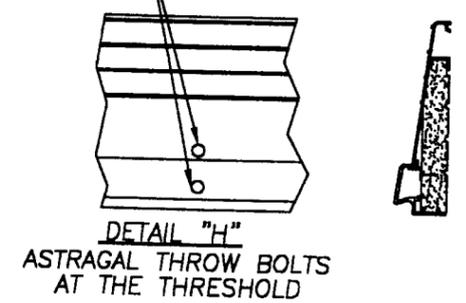


DETAIL "F"
ATTACH ASTRAGAL THROW BOLT
STRIKE PLATE TO FRAME
AS SHOWN.



DETAIL "G"

DRILL THRU FOR
A $\phi.357$ " BOLT DEEP
ENOUGH FOR A 2"
BOLT THROW



DETAIL "H"
ASTRAGAL THROW BOLTS
AT THE THRESHOLD

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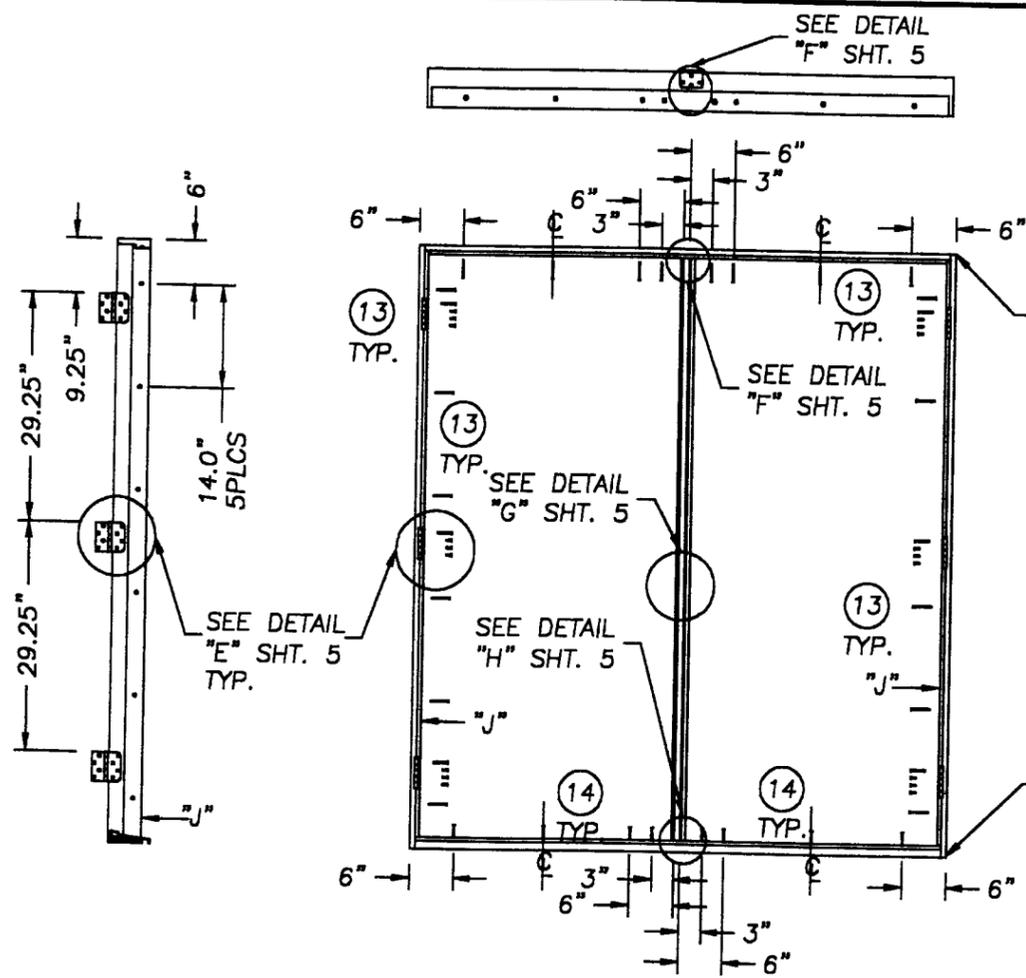
PRODUCT: "FIBER CLASSIC"/"SMOOTH STAR" UPTO 105.5" X 6-8 W&W/OUT 14" SL, INSWING
PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

NO.	DATE	GENERAL REVISION	WN	BY
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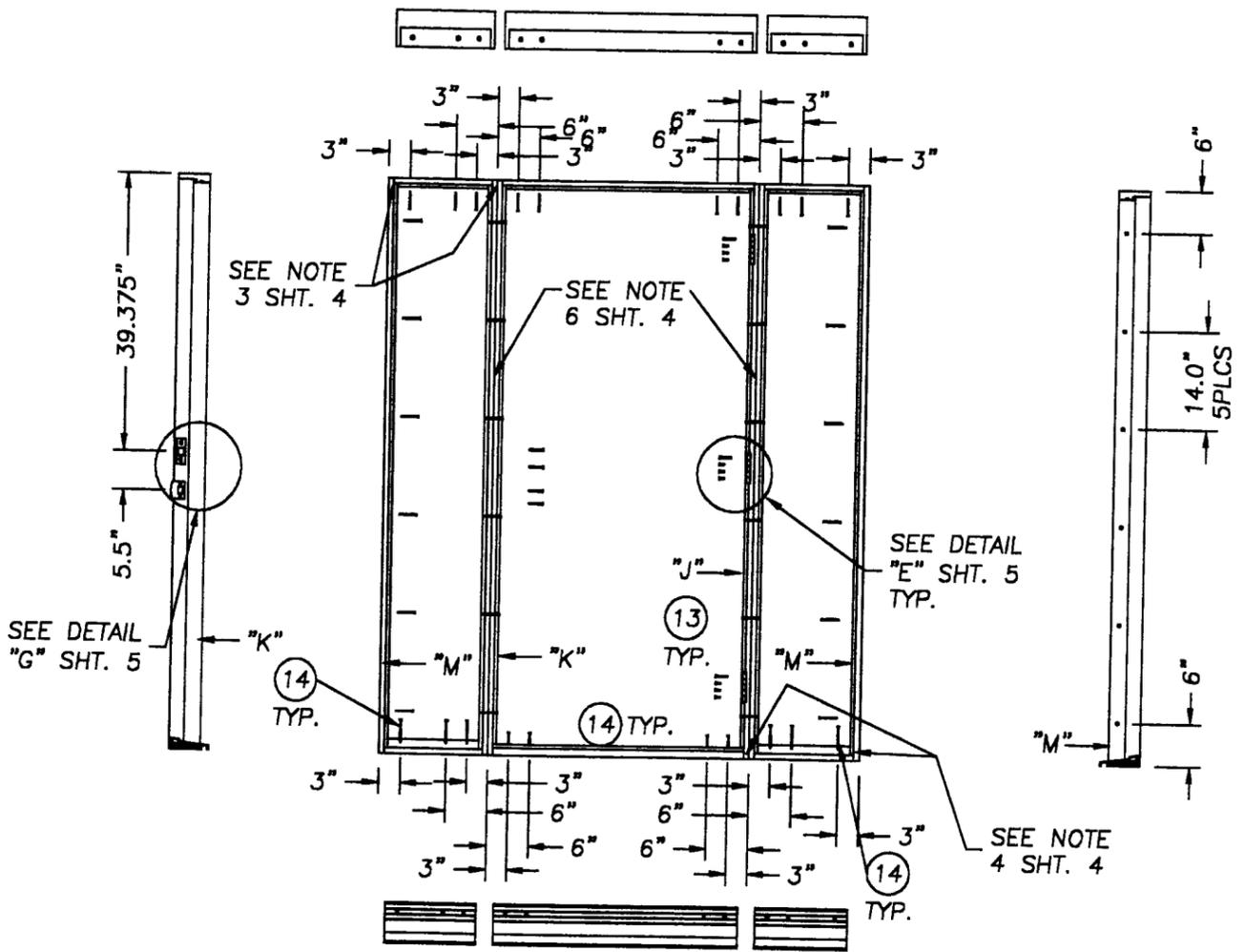
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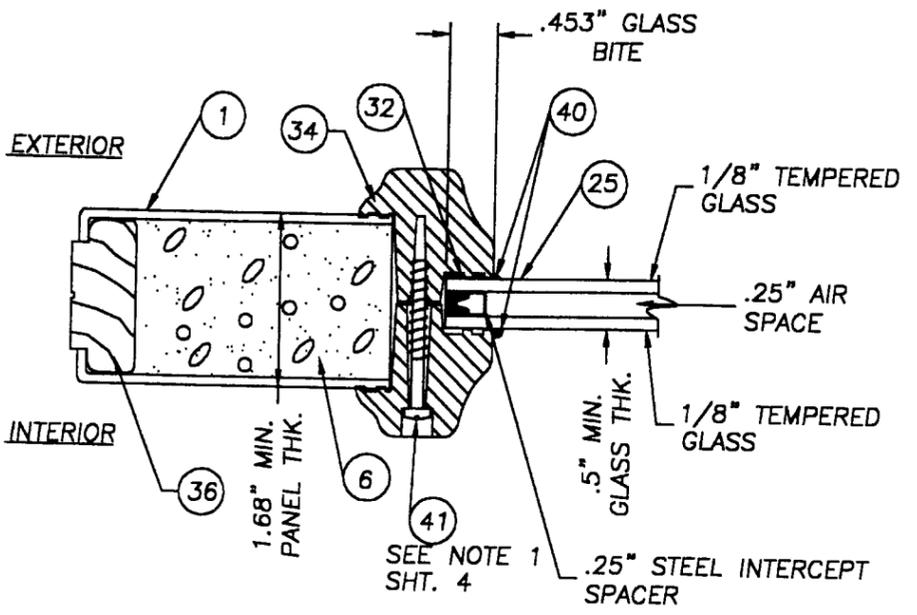
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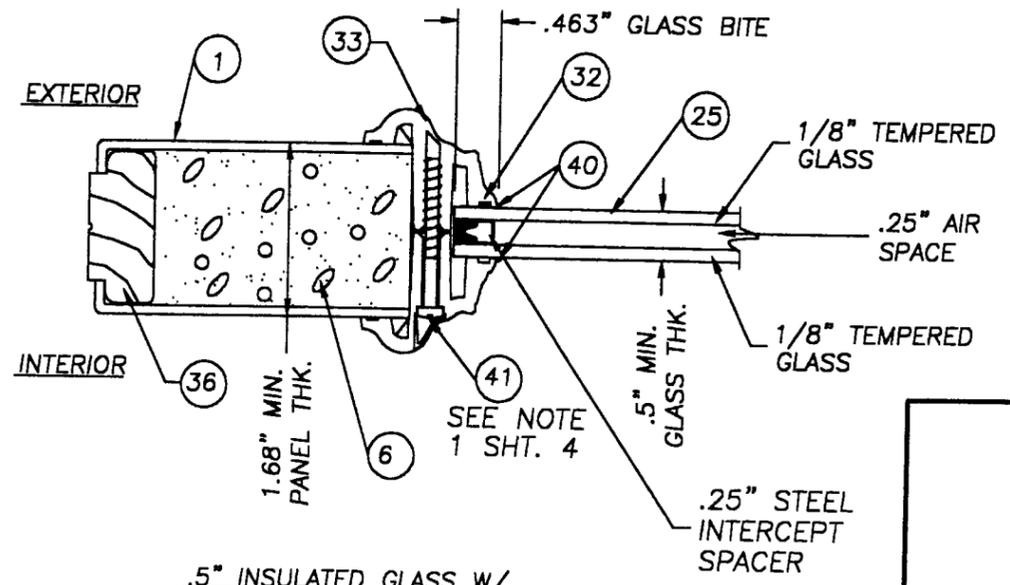
DOUBLE DOOR



SINGLE DOOR W/SIDELITES



.5" INSULATED GLASS W/
TCM LITE FRAME GLAZING DETAIL



.5" INSULATED GLASS W/
BTS LITE FRAME GLAZING DETAIL

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 Miami Dade Product Control
 Division
 By *Manuel J...*

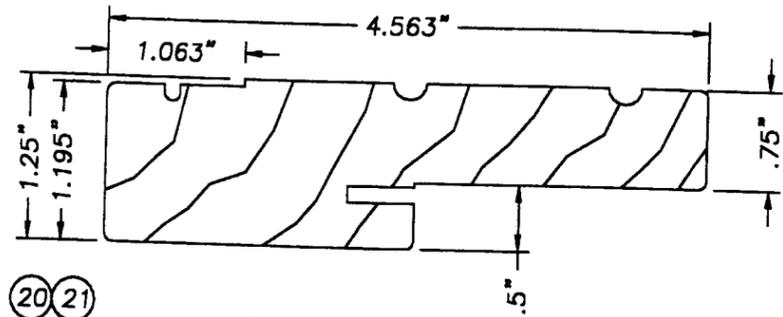
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PRODUCT:
 "FIBER CLASSIC"/"SMOOTH STAR" UPTO 105.5" X 6-8 W&W/OUT 14" SL, INSWING
 PART OR ASSEMBLY:
 ANCHORING LOCATIONS & GLAZING DETAILS

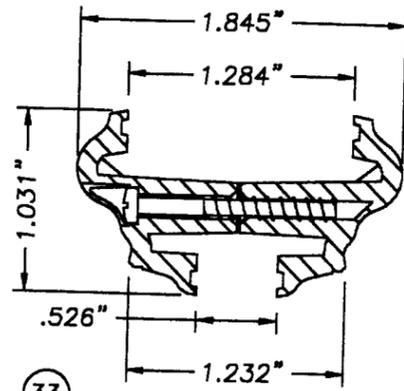
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1	1/31/02		

RW BUILDING CONSULTANTS, INC.
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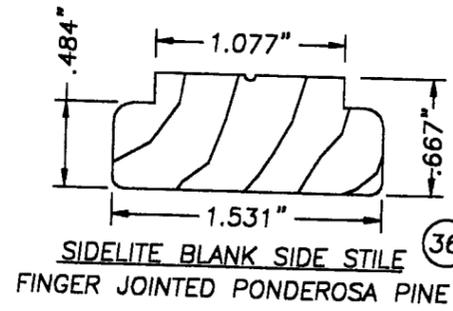
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 DRAWING NO.: S-2151
 SHEET 6 OF 8



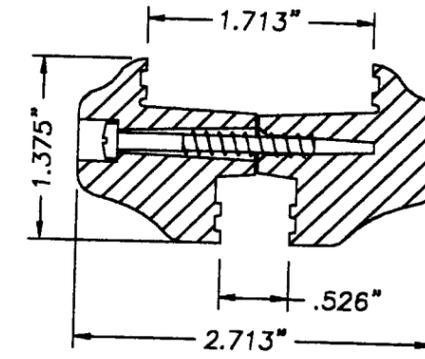
20 21
22 35
WOOD FRAME
FINGER JOINTED PONDEROSA PINE



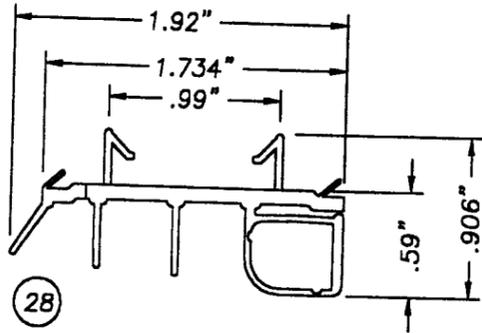
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PLASTIC LIP LITE FRAME
EXTRUDED BTs



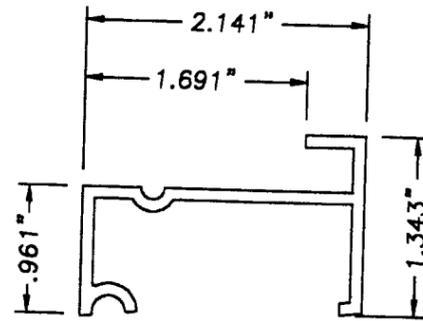
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SIDELITE BLANK SIDE STILE
FINGER JOINTED PONDEROSA PINE



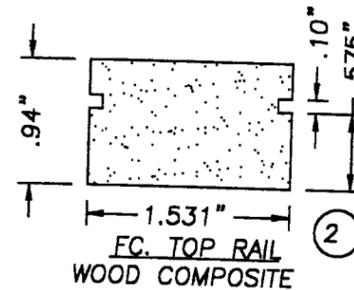
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TCM (THERMA-TRU'S POLYPROPYLENE)
PLASTIC LIP LITE FRAME
EXTRUDED TCM



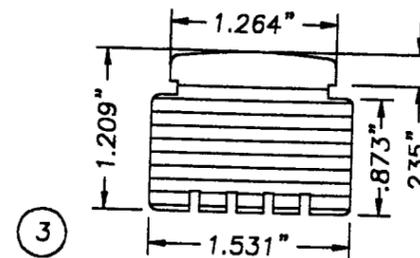
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INSWING DOOR BOTTOM SWEEP
EXTRUDED VINYL .080"
WALL MAX. .035" WALL MIN.



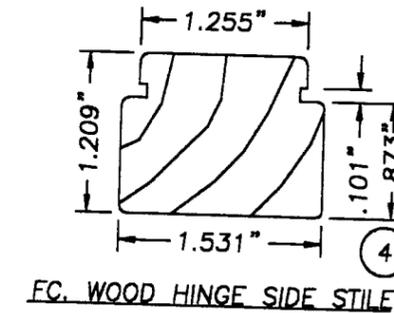
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INSWING SIDELITE
BOTTOM BOOT
0.09" EXTRUDED VINYL WALL



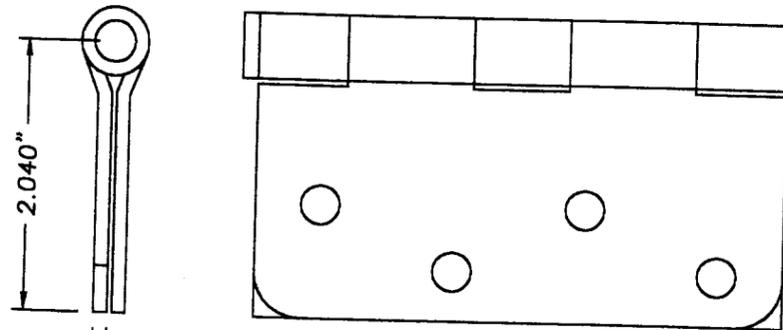
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FC. TOP RAIL
WOOD COMPOSITE



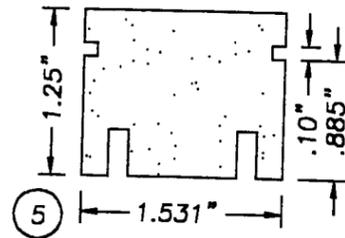
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FC. LATCH SIDE STILE COMPOSITE



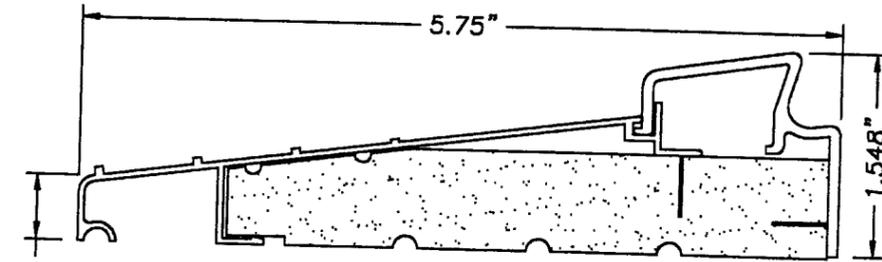
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FC. WOOD HINGE SIDE STILE



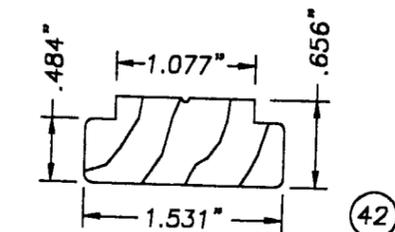
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4 x 4 STEEL DOOR HINGE



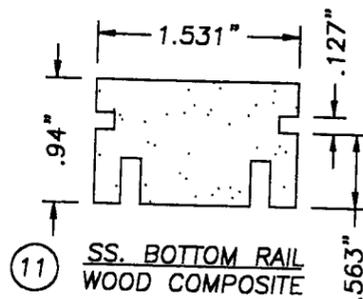
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FC. BOTTOM RAIL
WOOD COMPOSITE



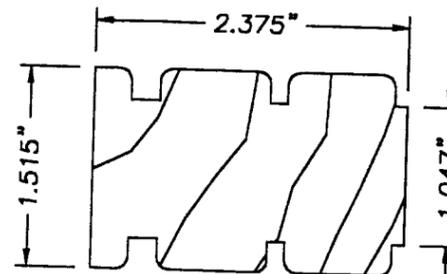
19
SELF ADJUSTING SADDLE THRESHOLD
ALUMINUM/VINYL .045" WALL ALUM.
.080" THK. WALL VINYL TYP.



42
SIDELITE TOP & BOTTOM RAIL
FINGER JOINTED PONDEROSA PINE



11
SS. BOTTOM RAIL
WOOD COMPOSITE



30
WOOD LOCK BLOCK
FINGER JOINTED PONDEROSA PINE

PRODUCT: "FIBER CLASSIC"/"SMOOTH STAR" UPTO 105.5" x 6-8 W&W/OUT 14" SL, INSWING PART OR ASSEMBLY:

NO.	DATE	GENERAL REVISION	WN	BY
1	1/31/02			

UNIT COMPONENTS

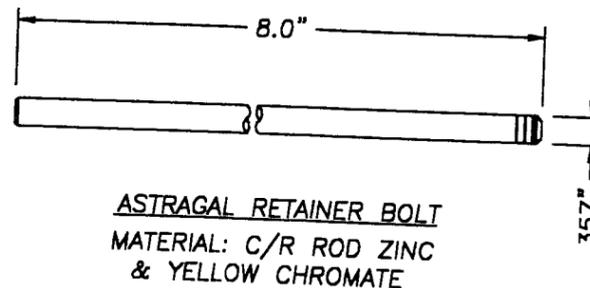
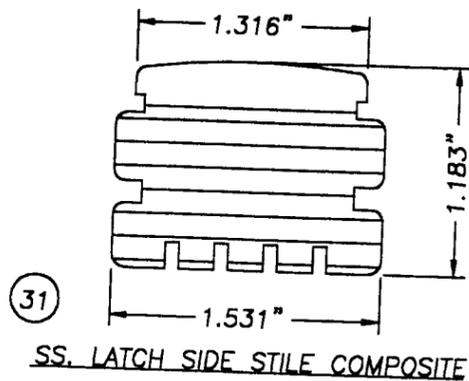
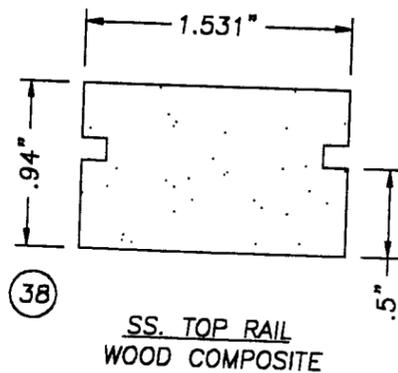
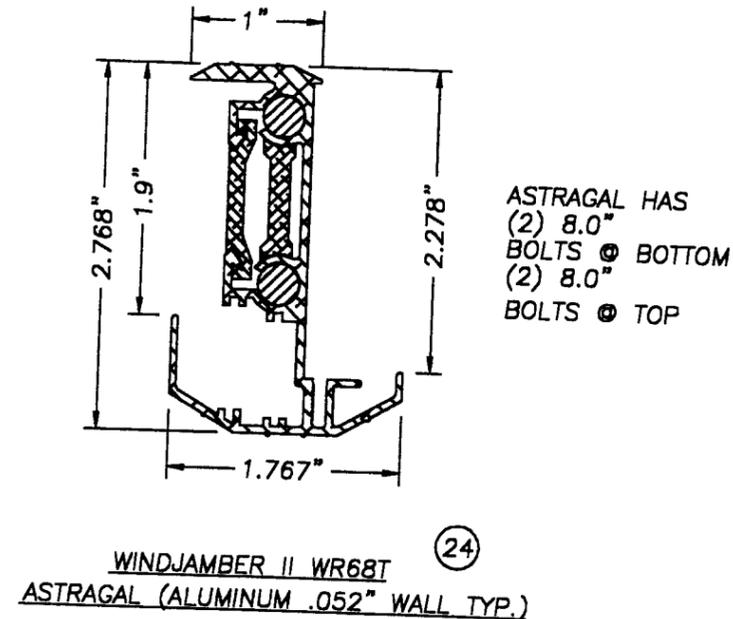
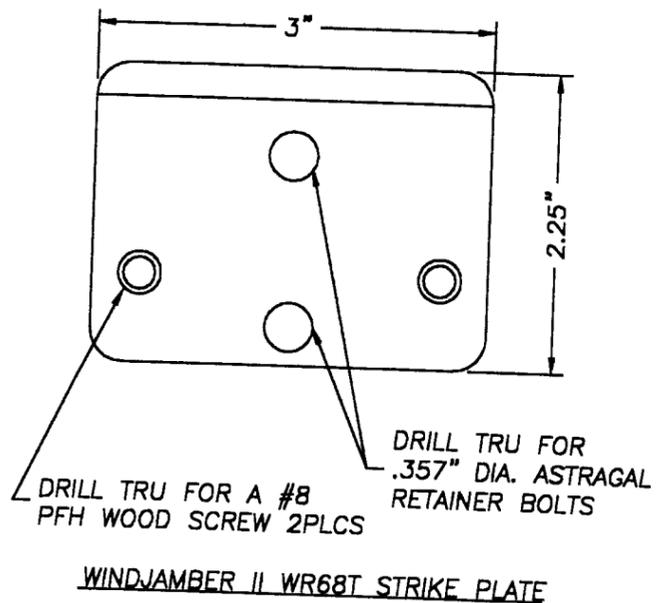
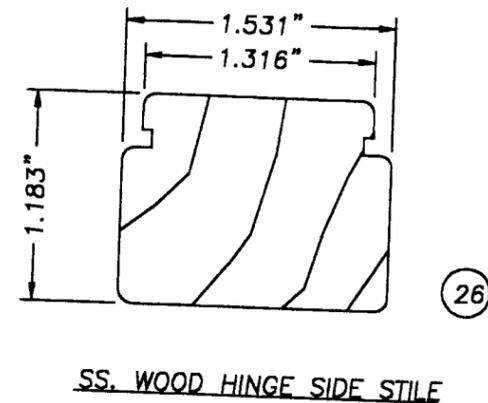
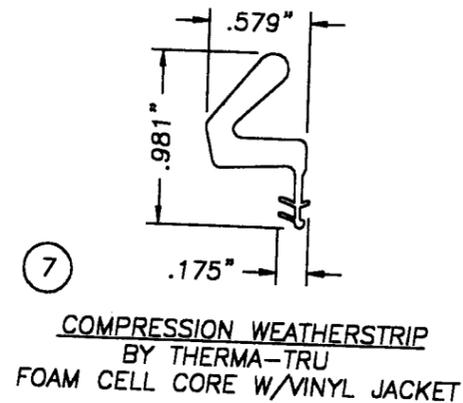
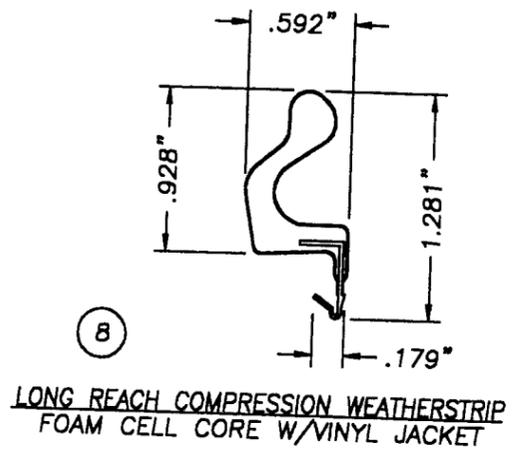
RW BUILDING CONSULTANTS, INC.
813.684.3831

Approved as complying with the Florida Building Code
Date June 6, 2002
NOA# 01-1127-02
Miami Dade Product Control Division
By Manuel

DATE: 08/10/01
SCALE: N.T.S
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2151
SHEET 7 OF 8

THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO
PH. (800) 537-8827

Item	DESCRIPTION	Material
1	SMOOTHSTAR DOOR SKIN .070" MINIMUM THK. FIBERGLASS & FIBERCLASSIC DOOR SKIN .110" MIN. THK. FIBERGLASS BY THERMA-TRU with yield strength $F_y(\text{min.})=6,000$ psi	FIBERGLASS
2	FC. TOP RAIL (1.531" x .94" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
3	FC. LATCH STILE (THERMA-TRU, WOOD COMPOSITE 1.531" x 1.209")	WOOD COMPOSITE
4	FC. HINGE STILE (THERMA-TRU, PONDEROSA PINE 1.531" x 1.209")	WOOD
5	FC. BOTTOM RAIL (1.531" x 1.25" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)	FOAM
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
9	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
10	#10 x 3/4" Lg. PFH WOOD SCREW (Hinge to Frame)	STEEL
11	SS. BOTTOM RAIL (1.531" x .94" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
12	#10 x 2" LG. PFH WOOD SCREW	STEEL
13	#8 x 2 1/2" LG. PFH WOOD SCREW	STEEL
14	3/16" TAPCON ANCHOR (ELCO, 2.0" MIN. LG.)	STEEL
15	SIDELITE BOTTOM BOOT .090" EXTRUDED VINYL	VINYL
16	2x INNER WOOD BUCK	WOOD
17	MAX. 1/4" SHIM MATERIAL	WOOD
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK	-
19	SELF ADJUSTING INSWING SADDLE THRESHOLD	ALUM./WOOD
20	4.563" x 1.25" HEADER (THERMA-TRU, PONDEROSA PINE)	WOOD
21	4.563" x 1.25" STRIKE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
22	4.563" x 1.25" HINGE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
23	KWIKSET TITAN 700 SERIES DEADBOLT	-
24	ASTRAGAL WINDJAMBER II WR68T (.052" WALL)	ALUM. 6063-T6
25	GLAZING, 1/2" INSULATED TEMPERED GLASS	GLASS
26	SS. HINGE STILE (THERMA-TRU, PONDEROSA PINE 1.183" x 1.531")	WOOD
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW	STEEL
28	INSWING DOOR BOTTOM SWEEP	VINYL
29	3/8" COVE MOLDING	WOOD
30	FC/SS WOOD LOCK BLOCK 2.375" x 1.515" (PONDEROSA PINE)	WOOD
31	SS. LATCH STILE (THERMA-TRU, WOOD COMPOSITE 1.183" x 1.531")	WOOD COMPOSITE
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	-
33	PLASTIC LIP LITE FRAME (BTS, THERMA-TRU)	BTS
34	PLASTIC LIP LITE FRAME (TCM, THERMA-TRU)	TCM
35	4.563" x 1.25" BLANK JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
36	SIDELITE SIDE STILE (THERMA-TRU, 1.531" x .656" PONDEROSA PINE)	WOOD
37	#10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
38	SS. TOP RAIL (1.531" x .94" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
39	NOT USED	-
40	SILICONE CAULK	SILICONE
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34)	STEEL
42	SIDELITE TOP & BOTTOM RAIL (THERMA-TRU, 1.531" x .656" PONDEROSA PINE)	WOOD
43	#8 x 2" LG. PFH WOOD SCREW	STEEL



THERMA-TRU CORPORATION
1687 WOODLANDS DRIVE
MAUMEE, OHIO
PH. (800) 537-8827

PRODUCT: "FIBER CLASSIC"/"SMOOTH STAR" UPTO 105.5" x 6-8 W&W/OUT 14" SL INSWING
PART OR ASSEMBLY:
BILL OF MATERIALS & UNIT COMPONENTS

NO.	DATE	GENERAL REVISION	BY
1	1/31/02		

RW BUILDING CONSULTANTS, INC.
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