



**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 Corp.
1687 Woodlands Drive
Maumee, OH 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: "Construction Series" 6'8 Opaque Steel Door w & wo sidelites (IS)

APPROVAL DOCUMENT: Drawing No. S-2114, titled ""Construction Series" 6-8 Single & Double Inswing Steel Door", sheets 1 through 8, prepared by RW Building Consultants, Inc., dated 6/12/02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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

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

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

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

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

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



**NOA No 01-0828.11
Expiration Date: July 18, 2007
Approval Date: July 18, 2002
Page 1**

THERMA-TRU®

"CONSTRUCTION SERIES" INSWING 6-8 SINGLE AND DOUBLE W/& W/OUT SIDELITES. INSULATED STEEL DOOR WITH WOOD FRAMES.

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. THIS PRODUCT WAS TESTED FOR 2.86 LBS. WATER PRESSURE AS PER ASTM-E331.
6. THIS PRODUCT DOES NOT MEET THE WATER REQUIREMENTS FOR MIAMI-DADE COUNTY.
7. MIAMI-DADE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED FOR SIDELITES ONLY.
8. SIDELITES ARE AN OPTION AND CAN BE ORDERED IN A SINGLE OR DOUBLE CONFIGURATION.

RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions)

Door & Sidelite Panel Construction:

Door Face Sheets: 25 GA.(0.018") minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength $F_y(\text{min.})=27,830$ psi
Core design: Polyurethane foam core, with 1.9 lbs. density by BASF.

Door Panel Construction: Flush or embossed type. The vertical edges of the skin, rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed and pressure fitted with contact cement to the wood stiles at the corners.

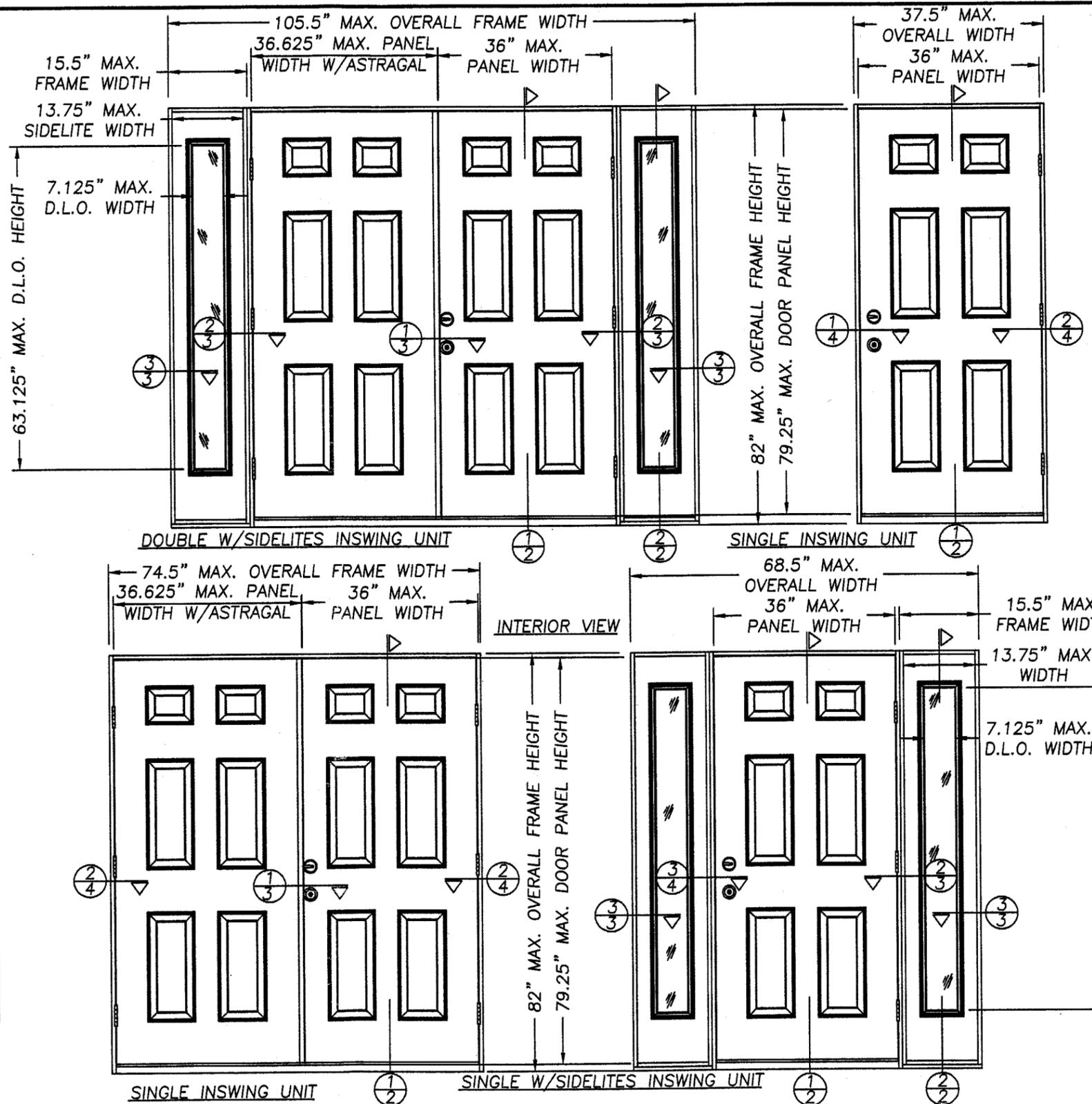
Sidelight Face Sheets: 24 GA.(0.021") minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength $F_y(\text{min.})=27,830$ psi

Sidelite Panel Construction and Glazing: The vertical edges of the skin are rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed to the wood stiles at the corners. The sidelite panels are sandwich glazed using a two piece lite frame with mitered & welded corners.

Frame Construction: The frame is constructed from finger jointed Ponderosa Pine measuring 4.575" wide x 1.75" thick. The header is joined to the side jambs with (3) 16ga. 1/2" crown x 2" long staples at each side. The threshold is joined to the side jambs with (2) 16ga. 1/2" crown x 2.5" 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 unit uses an Inswing Saddle threshold measuring 5.75" x 1.548".

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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	+ 60.0 PSF - 60.0 PSF
SINGLE & DOUBLE WITH SIDELITES	+ 60.0 PSF - 60.0 PSF

Approved as complying with the Florida Building Code
 Date July 18, 2002
 NOAH 01-0828.11
 Miami Dade Product Control
 Division
 By *[Signature]*

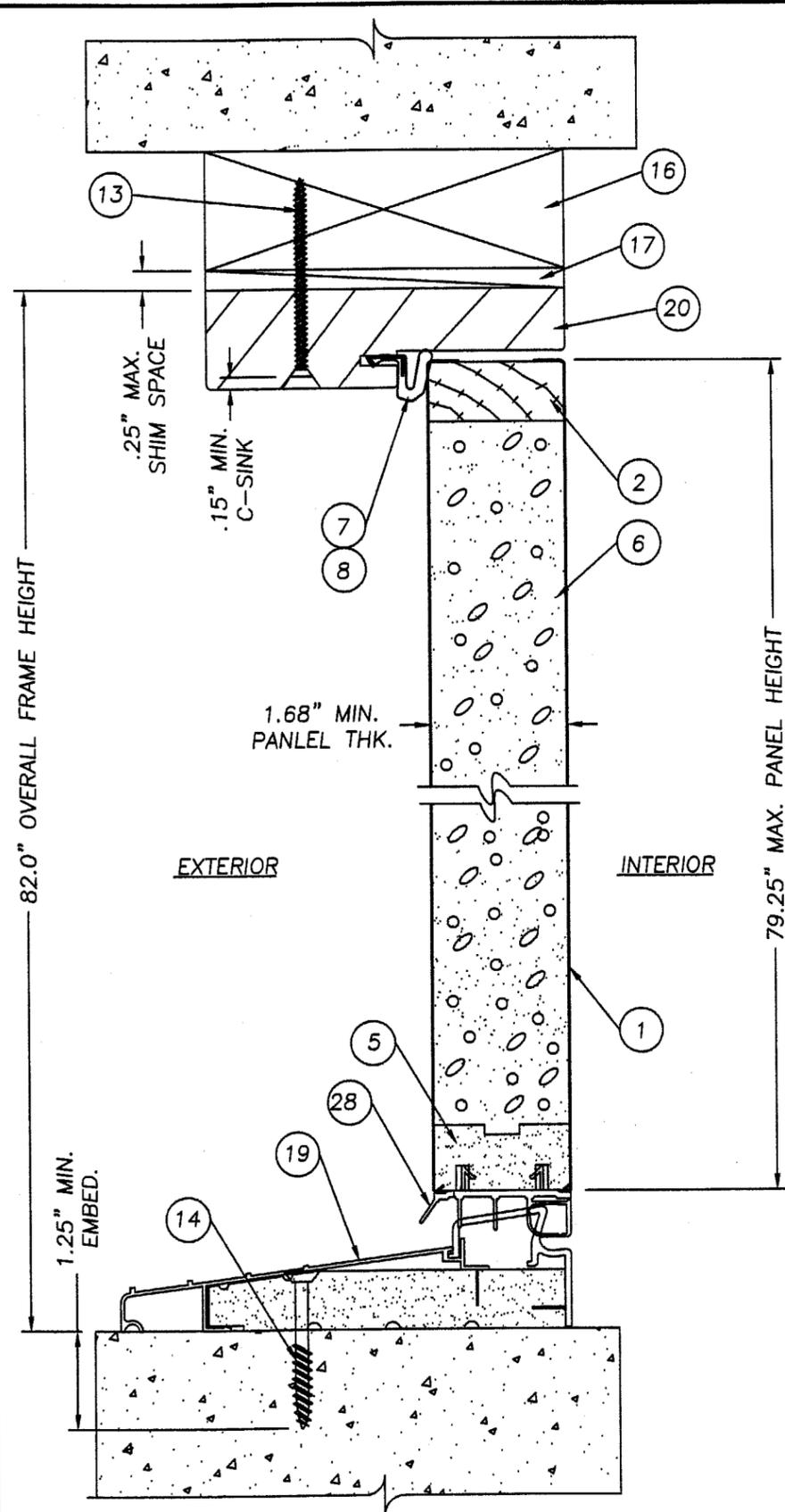
THERMA-TRU®
 108 MUTZFELD Rd.
 BUTLER, IN 46721
 PH. (219) 868-5811

PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE IN-SWING STEEL DOOR
 PART OR ASSEMBLY:
 TYPICAL ELEVATIONS & GENERAL NOTES

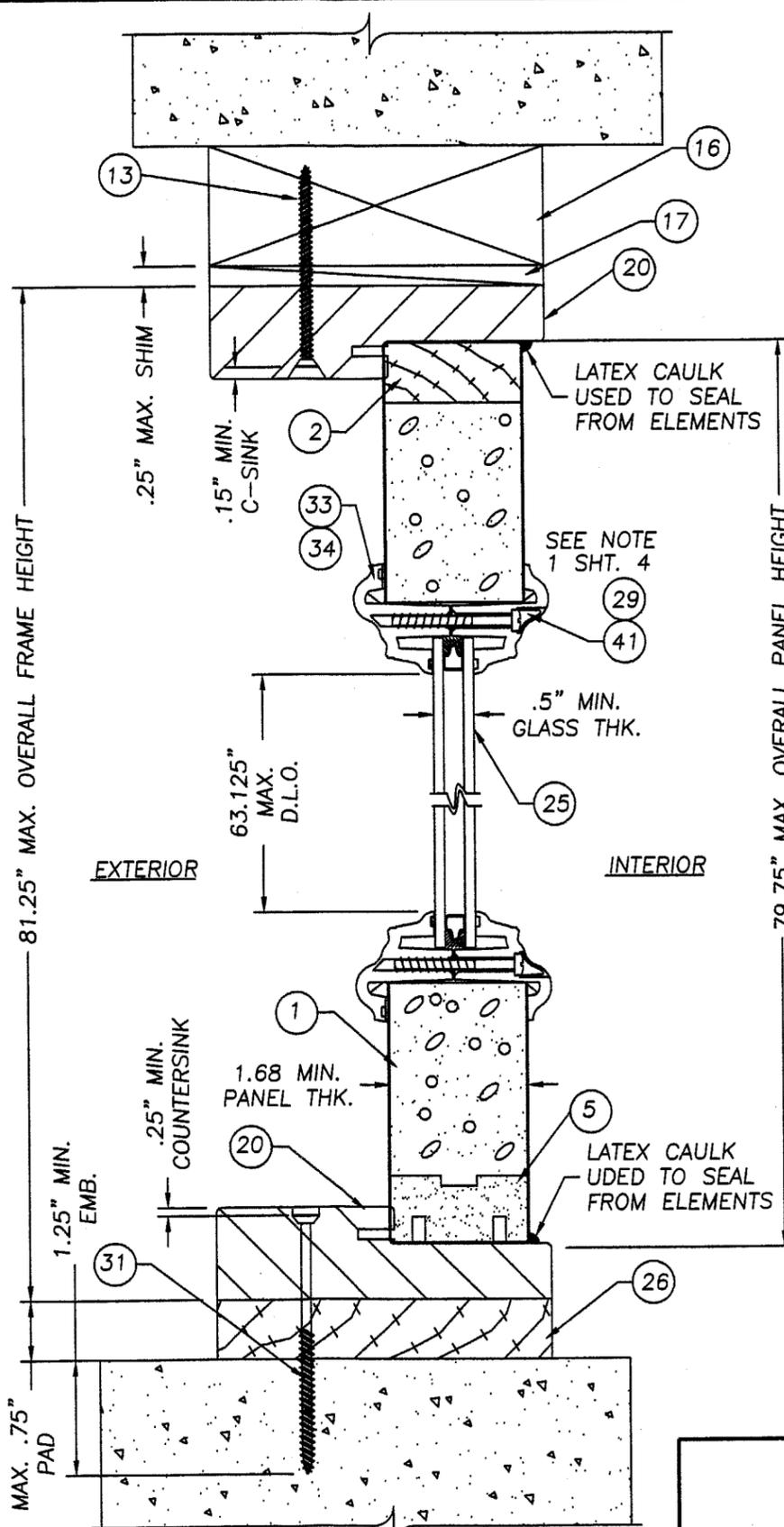
NO.	DATE	GENERAL REVISION	BY
2	6/12/02	COR. GLAZING DETAIL	RW
1	3/28/02	GENERAL REVISION	WIN

RW BUILDING CONSULTANTS, INC.
 813.684.3831

DATE: 03/28/01
 SCALE: N.T.S.
 DWG. BY: TJH
 CHK. BY: RW
 DRAWING NO.: S-2114
 SHEET 1 OF 8



1 VERTICAL CROSS SECTION
2 DOOR PANEL W/ SELF ADJUSTING SADDLE THRESHOLD



2 VERTICAL CROSS SECTION
2 SIDELITE PANEL

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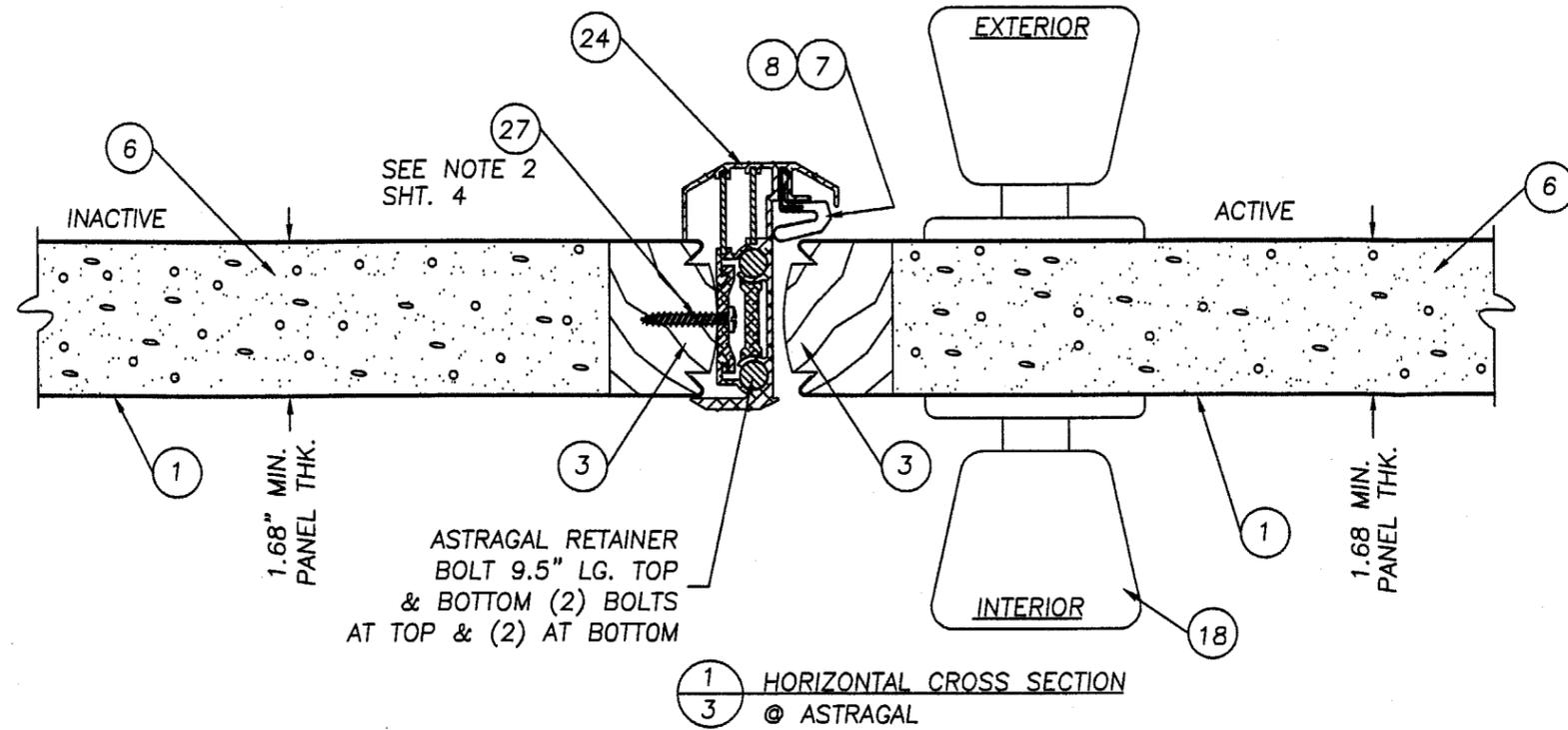
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"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE/
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
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1	3/28/02	GENERAL REVISION WJN
		BY

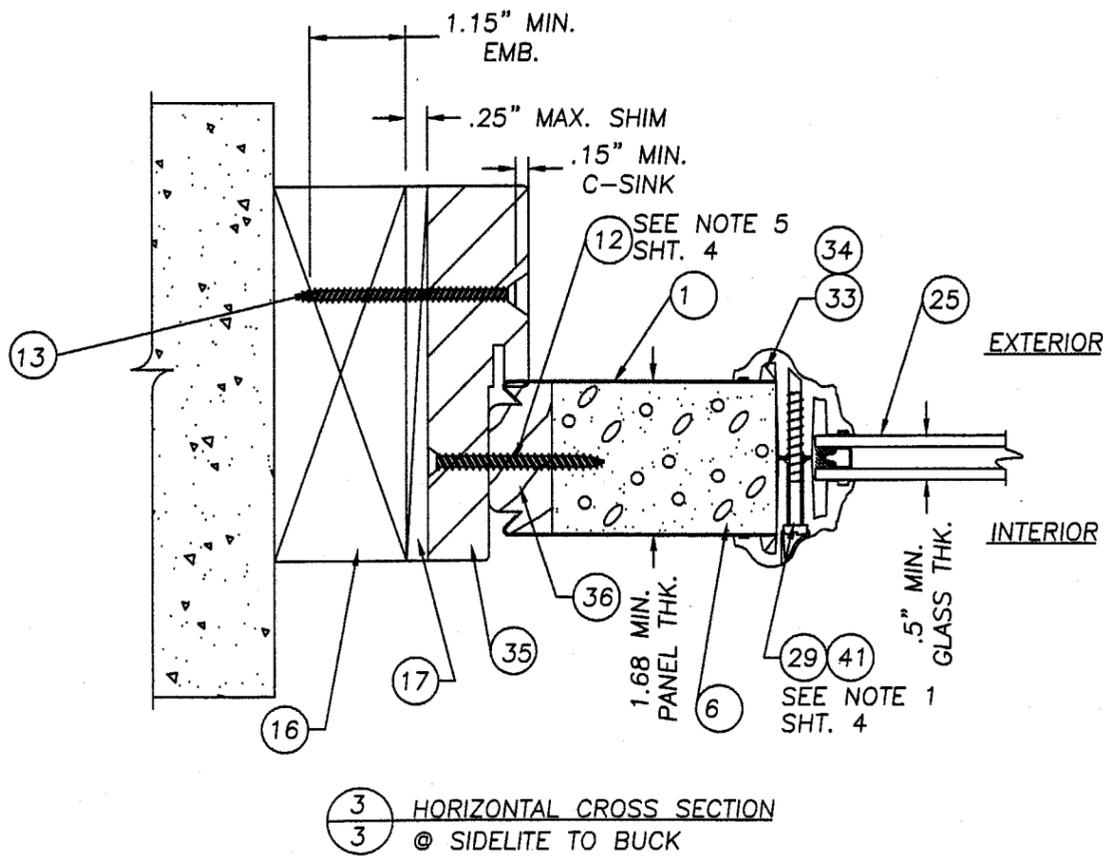
RW BUILDING
CONSULTANTS, INC.
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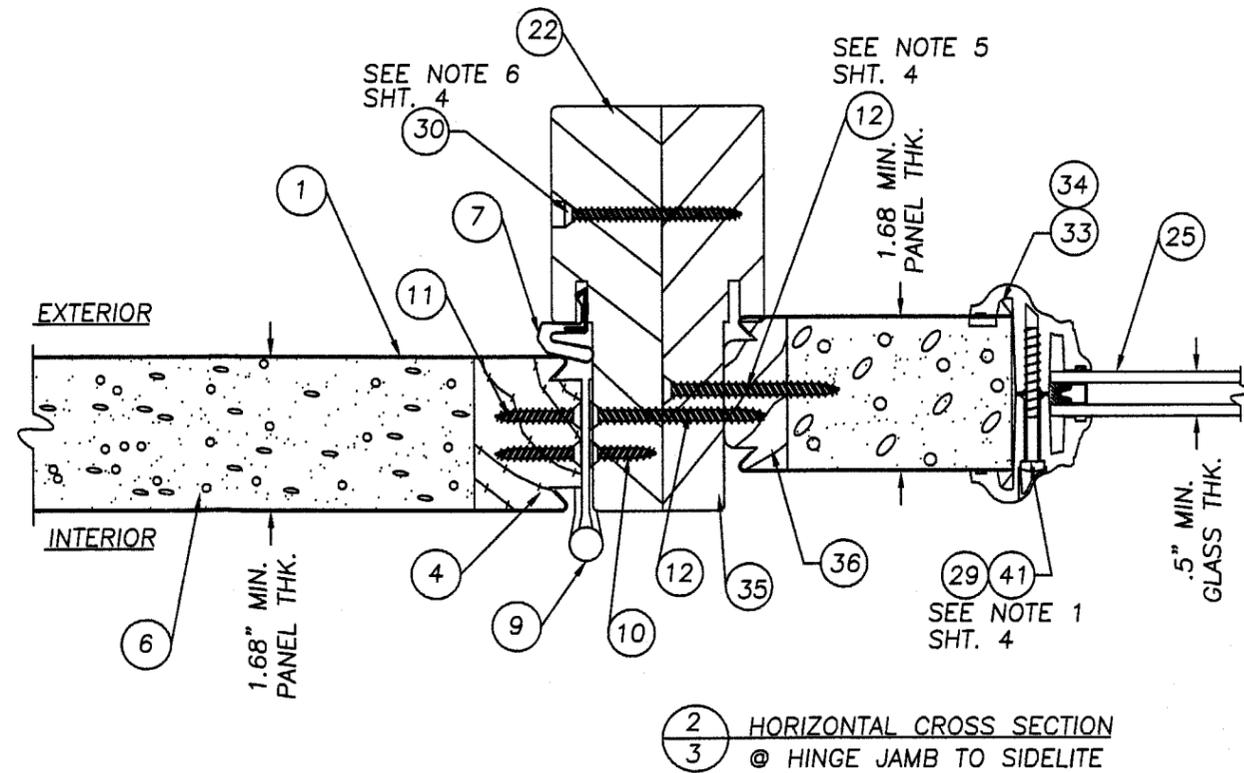
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SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2114
SHEET 2 OF 8



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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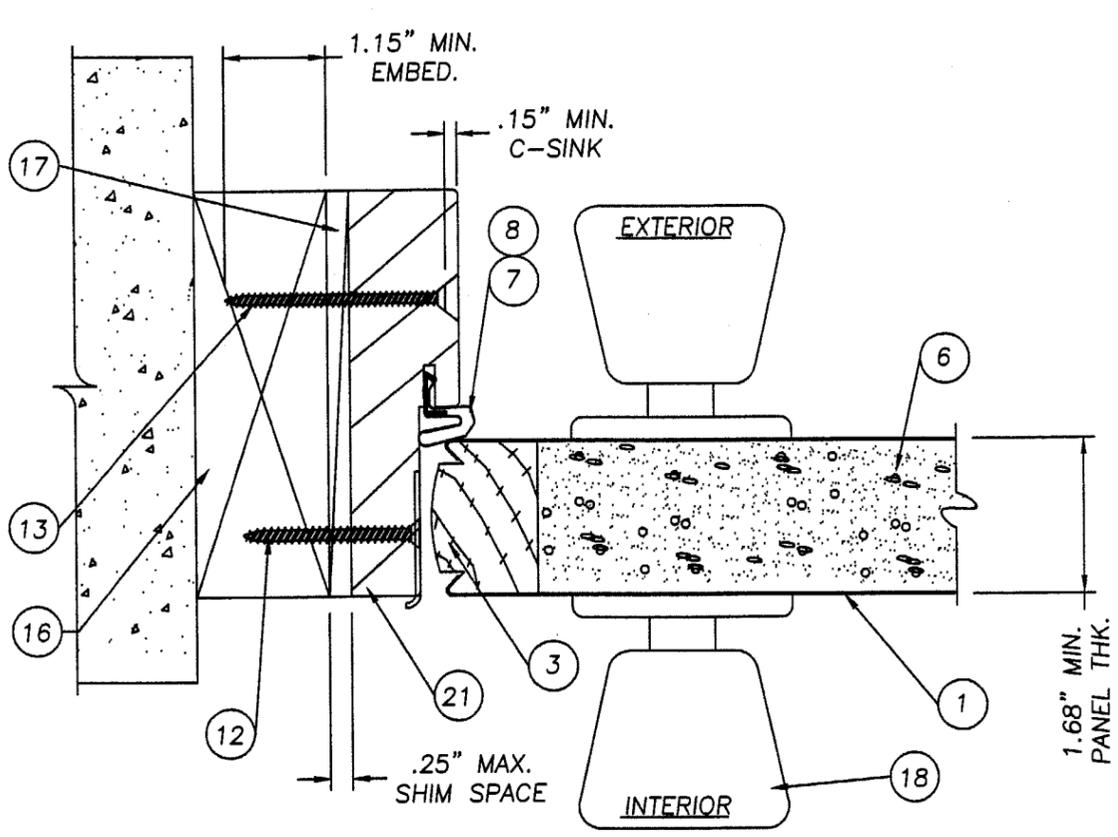
PRODUCT:
"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

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1	3/28/02	GENERAL REVISION WLN

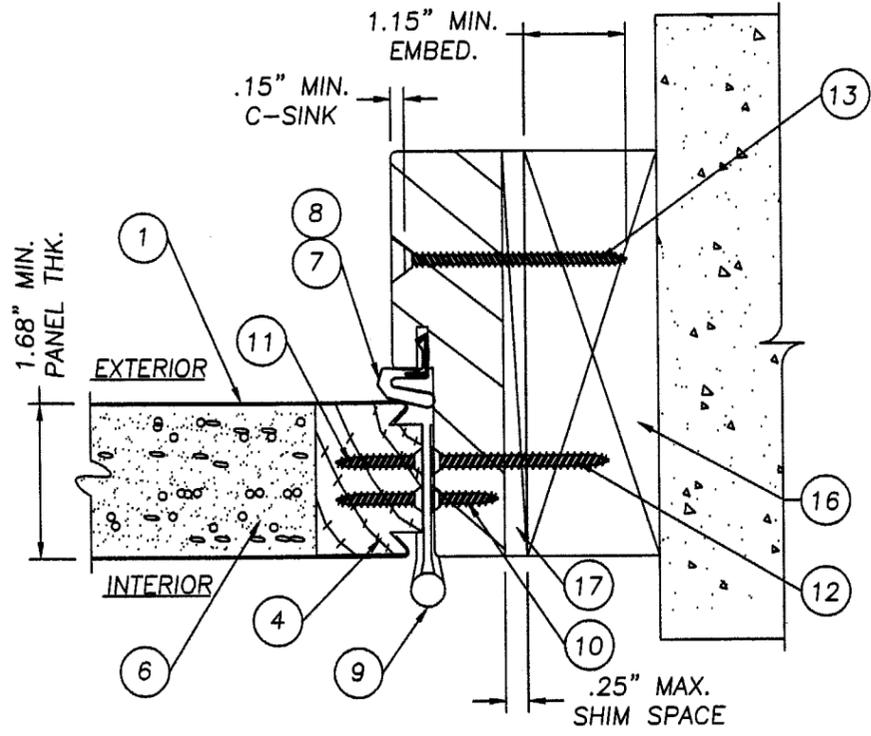
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NOA# 01-0820.11
Miami Dade Product Control
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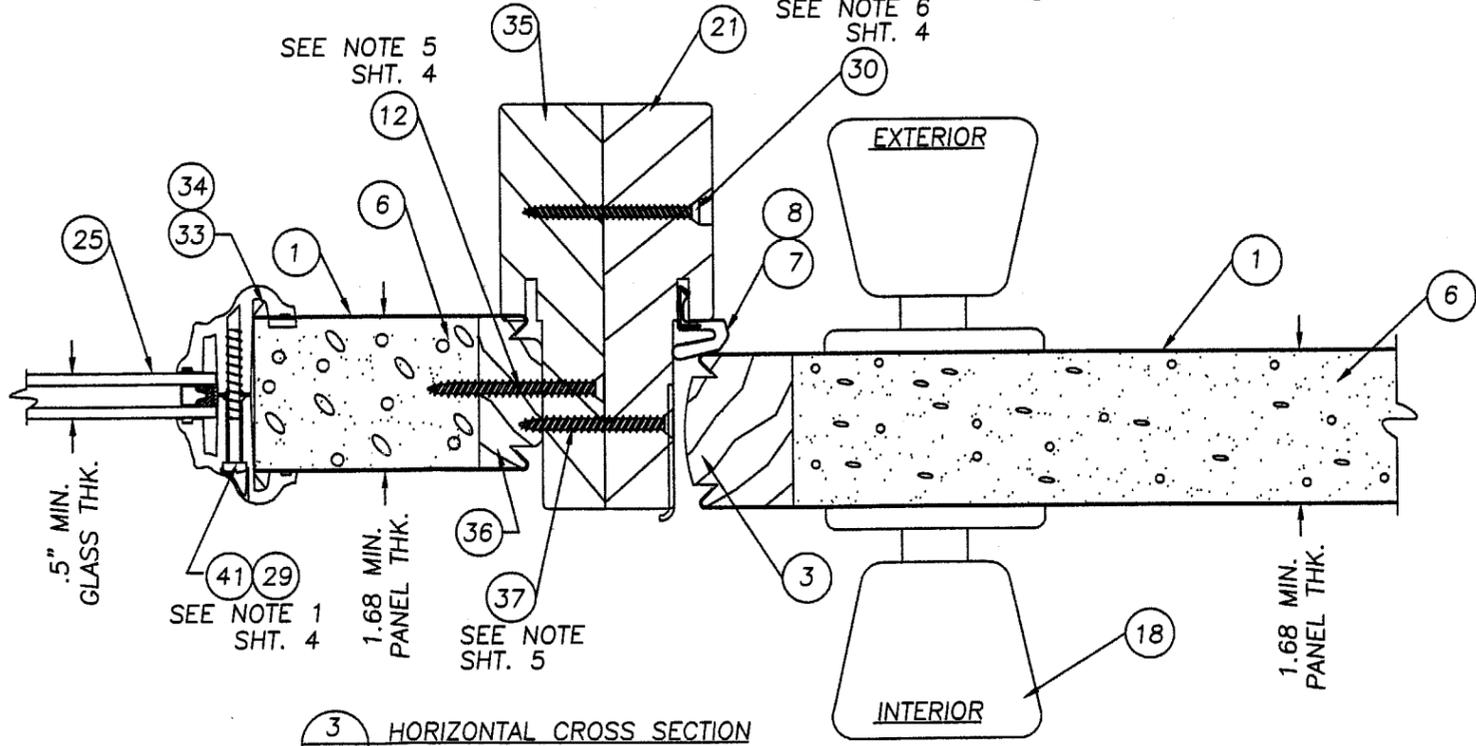
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SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2114
SHEET 3 OF 8



1 HORIZONTAL CROSS SECTION
4 LATCH JAMB TO BUCK,



2 HORIZONTAL CROSS SECTION
4 HINGE JAMB TO BUCK,



3 HORIZONTAL CROSS SECTION
4 @ STRIKE JAMB TO SIDELITE

- NOTES:
- SPACING FOR ITEM #29 & #41 (LITE FRAME SCREWS) IS AS FOLLOWS: FROM THE TOP DOWN ON SIDES; 3", 14.75", 26.5", 38.25", 50.5" & 62.25". THERE IS (1) SCREW BOTH TOP AND BOTTOM AT 4.25" IN FROM CORNER.
 - SPACING FOR ITEM #27 #8 x 1" PANHEAD SCREW ATTACHING THE ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE BOTTOM UP AND TOP DOWN 1", 3", 5", 18.25", 40.5", 59.25", 74.25", 76.25" AND 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 ITEM #12 #10 x 2" PFH WOOD SCREW AT 6" DOWN FROM EACH CORNER AND A MAX. OF 12" O.C. ON THE SIDE JAMBS ONLY.
 - SPACING FOR ITEM #30, A #8 x 2.0" 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 14.0" O.C.

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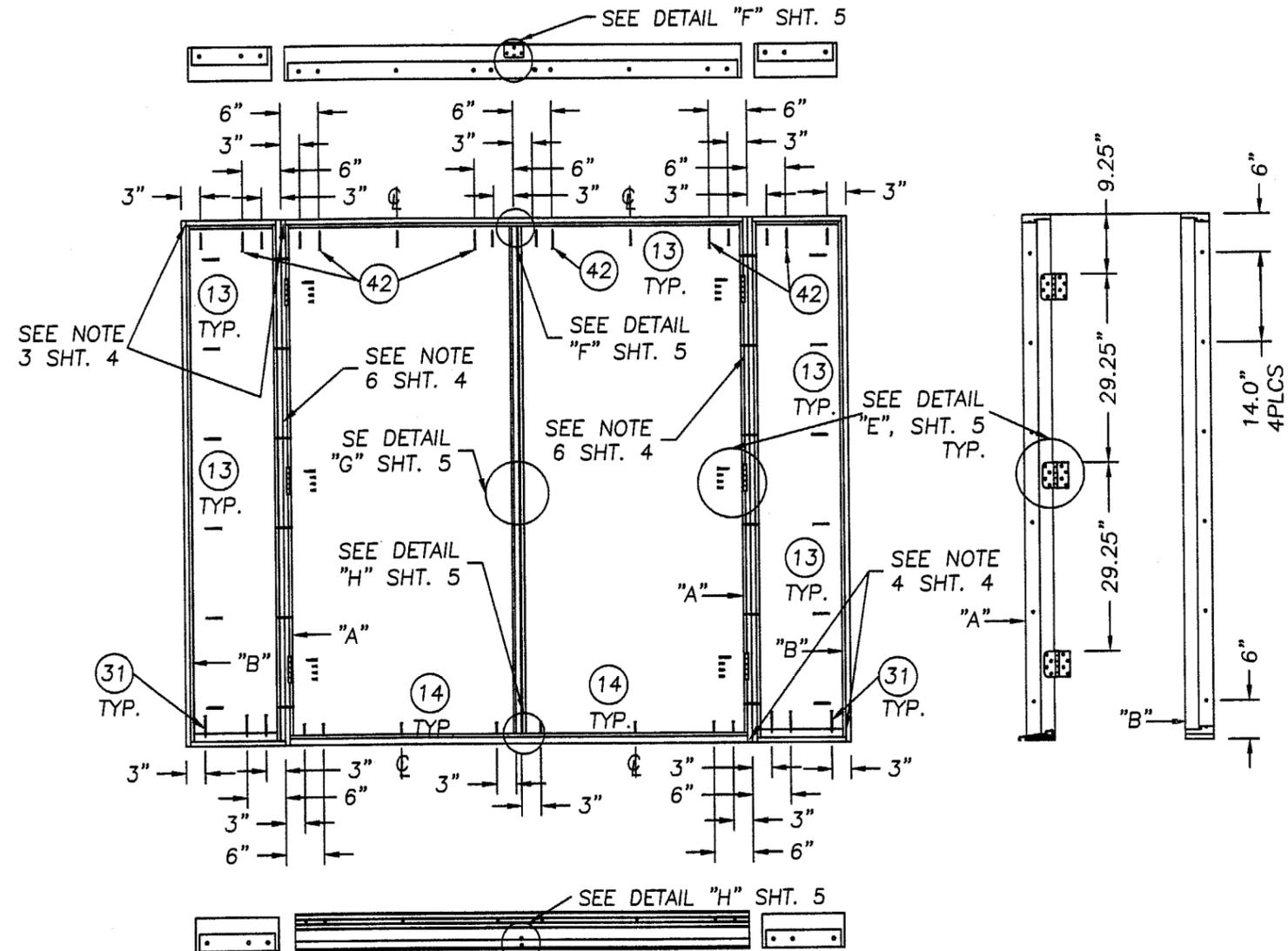
PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE IN-SWING STEEL DOOR
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS & NOTES

NO.	DATE	BY	REVISIONS
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1	3/28/02	WLN	GENERAL REVISION

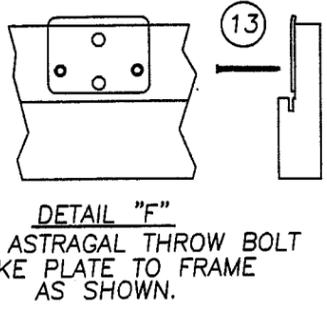
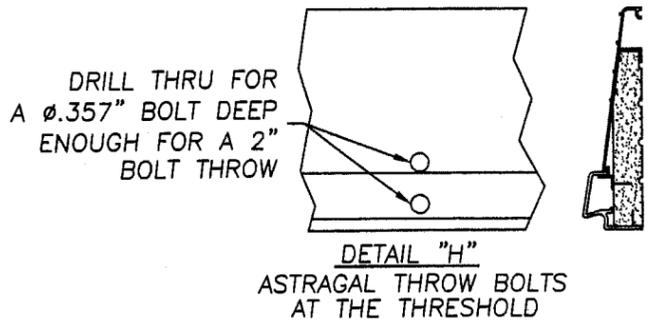
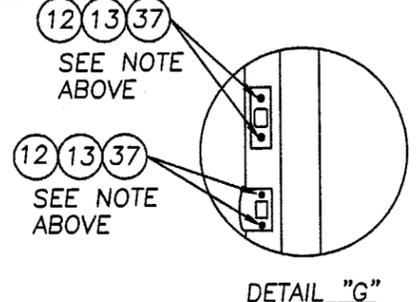
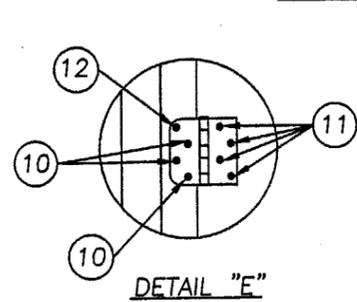
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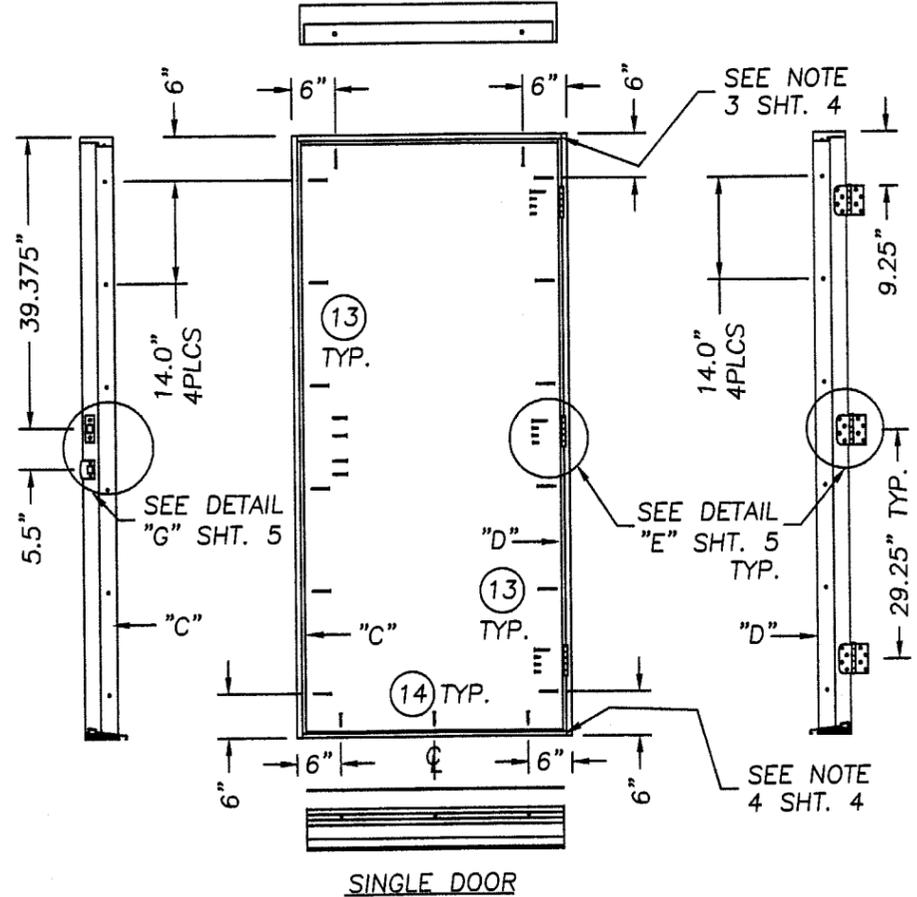
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DWG. BY: TJH
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DRAWING NO.: S-2114
SHEET 4 OF 8



DOUBLE DOOR W/SIDELITES



NOTE:
 WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND BUCK USE ITEM #12.
 WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE ASTRAGAL USE ITEM #13. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND SIDELITE JAMB USE ITEM #37.



SINGLE DOOR

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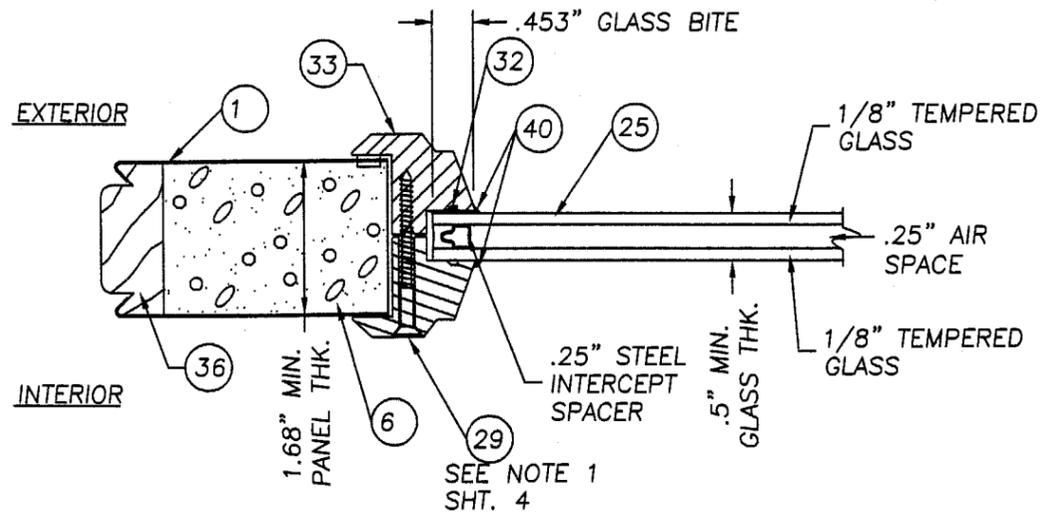
PRODUCT: "CONSTRUCTION SERIES" 6-8 SINGLE & DOUBLE IN-SWING STEEL DOOR
 PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

NO.	DATE	REVISIONS	BY
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1	3/28/02	GENERAL REVISION	WLN

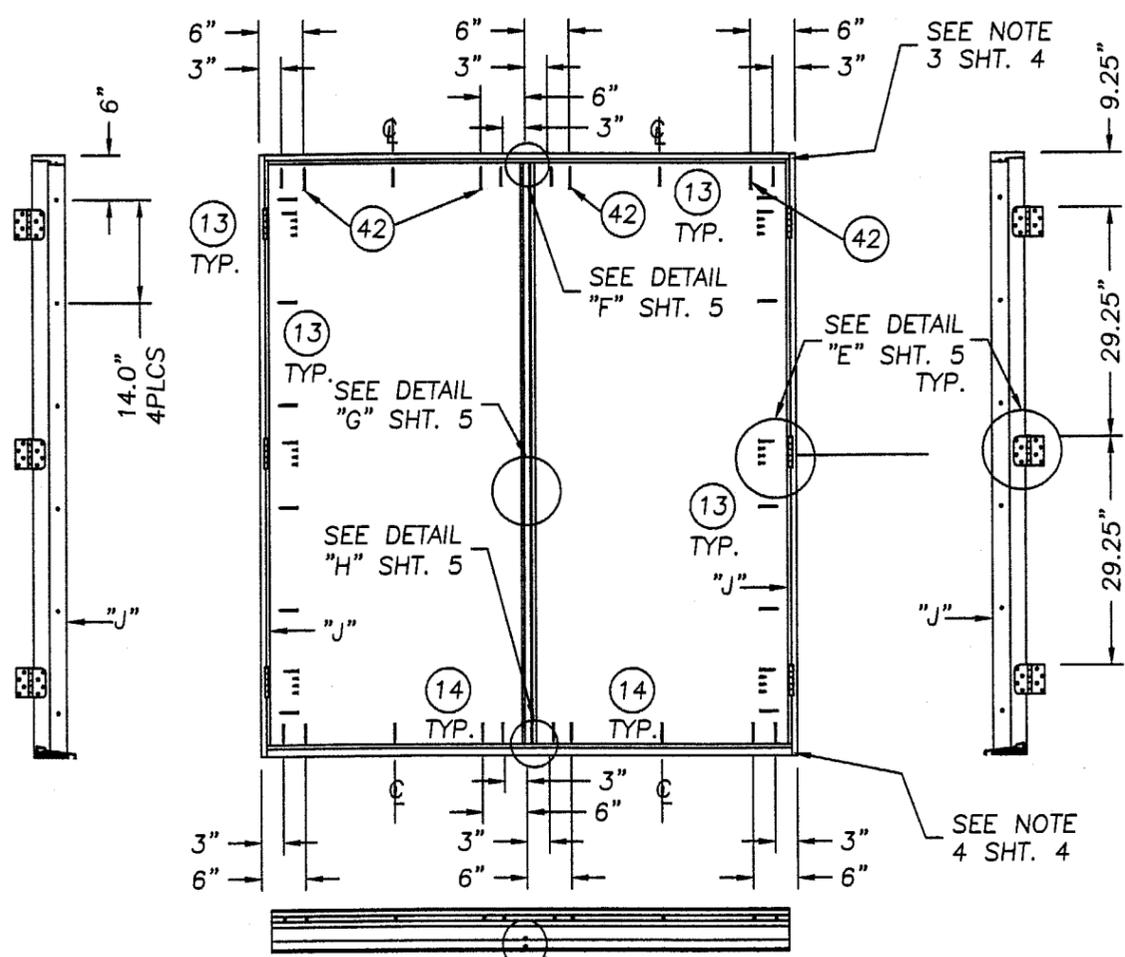
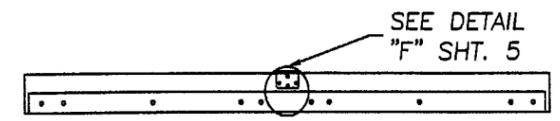
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DATE: 03/28/01
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 SHEET 5 OF 8

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 Miami Dade Product Control Division
 By: *[Signature]*



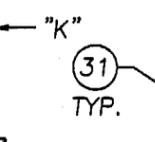
5" INSULATED GLASS W/
PVC LITE FRAME GLAZING DETAIL



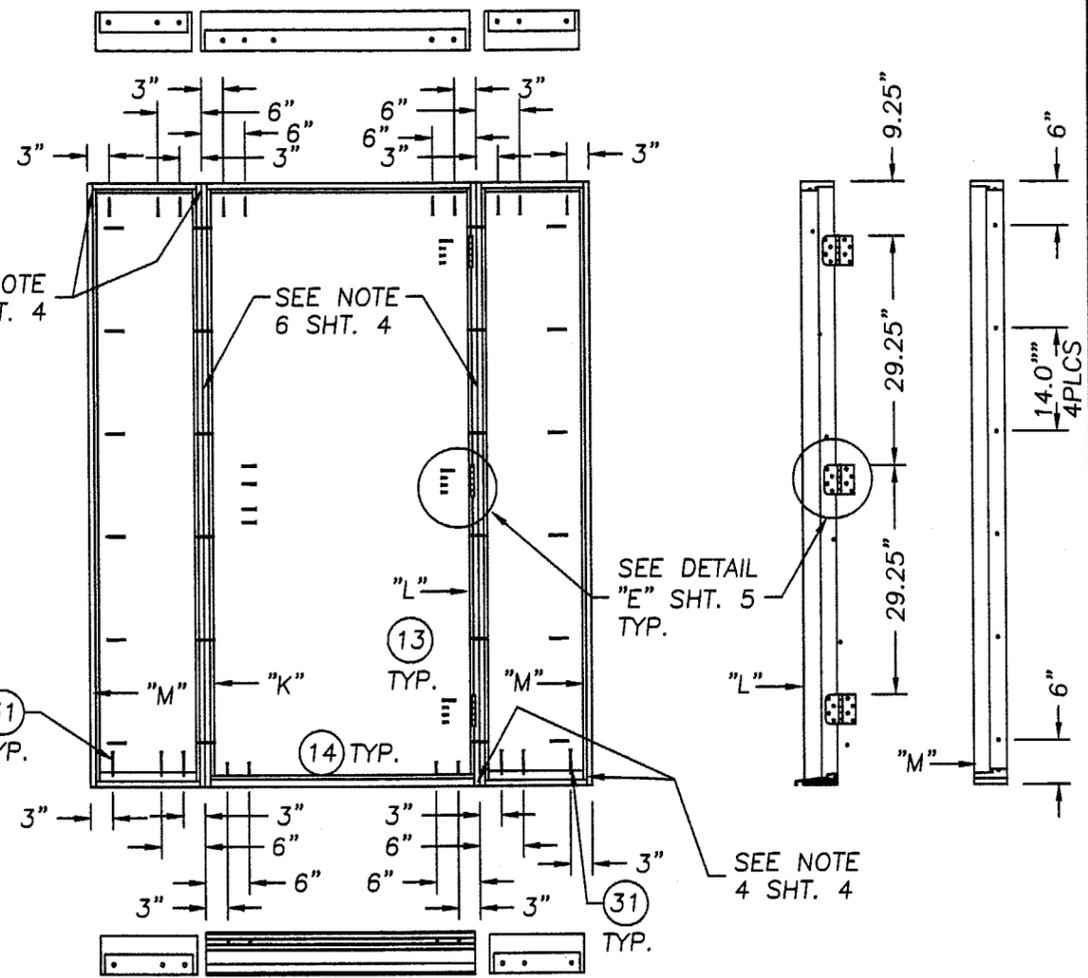
DOUBLE DOOR



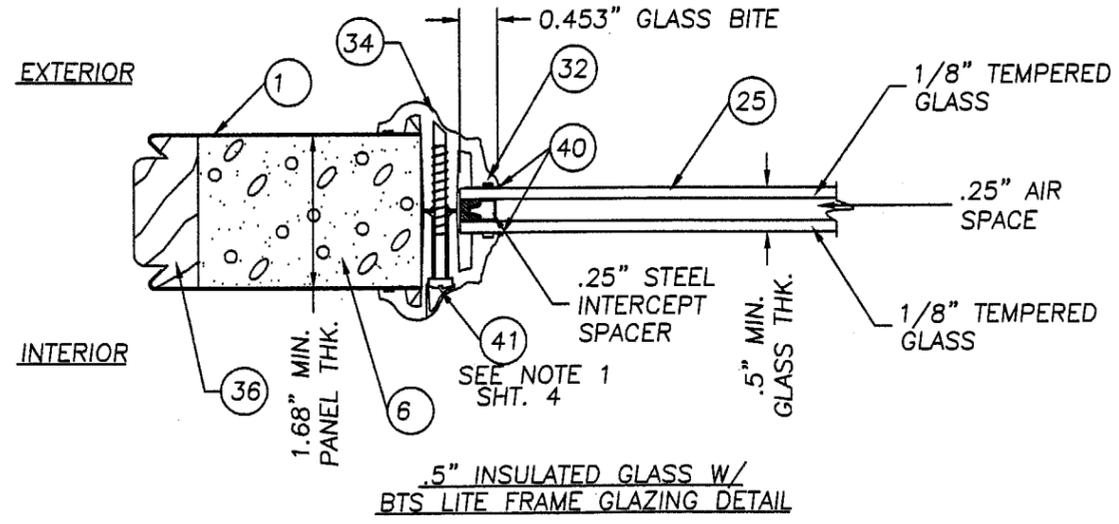
SEE NOTE 3 SHT. 4



SEE DETAIL "G" SHT. 5



SINGLE DOOR W/SIDELITES



5" INSULATED GLASS W/
BTS LITE FRAME GLAZING DETAIL

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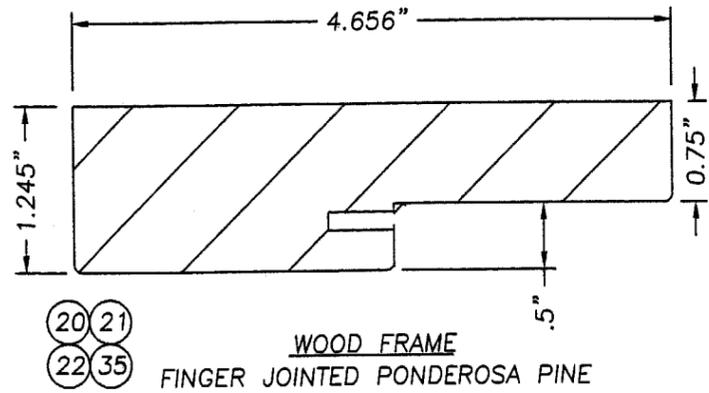
PRODUCT:
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6-8 SINGLE & DOUBLE
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
ANCHORING LOCATIONS
& GLAZING DETAILS

NO.	DATE	REVISIONS
2	6/12/02	COR. GLAZING DETAIL
1	3/28/02	GENERAL REVISION

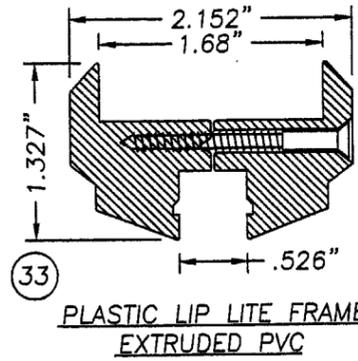
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Miami Dade Product Control
Division
By

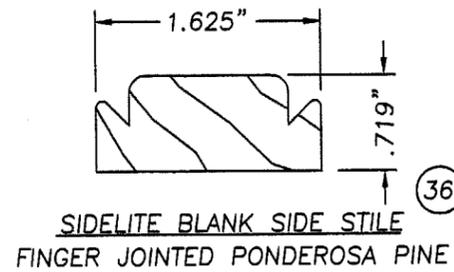
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DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2114
SHEET 6 OF 8



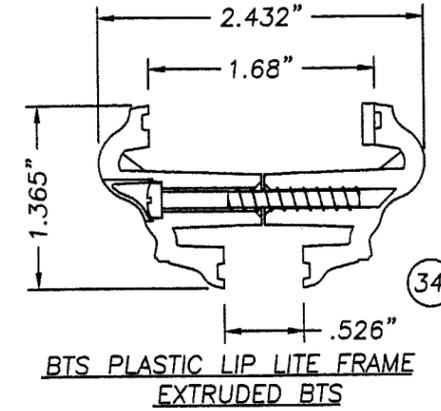
WOOD FRAME
FINGER JOINTED PONDEROSA PINE



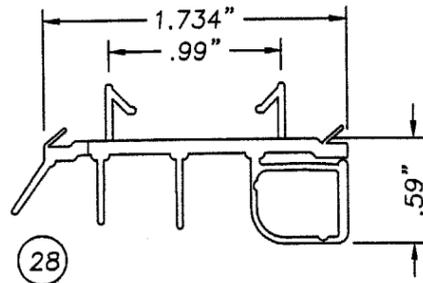
PLASTIC LIP LITE FRAME
EXTRUDED PVC



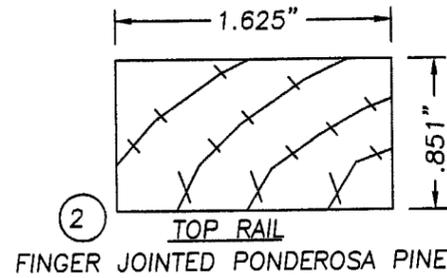
SIDELITE BLANK SIDE STILE
FINGER JOINTED PONDEROSA PINE



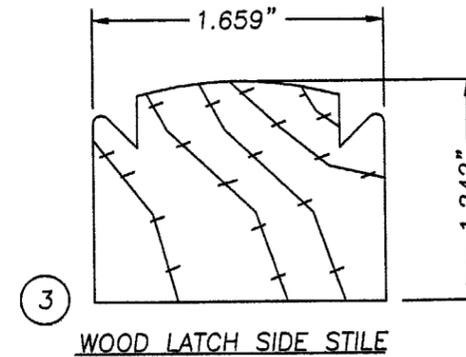
BTS PLASTIC LIP LITE FRAME
EXTRUDED BTS



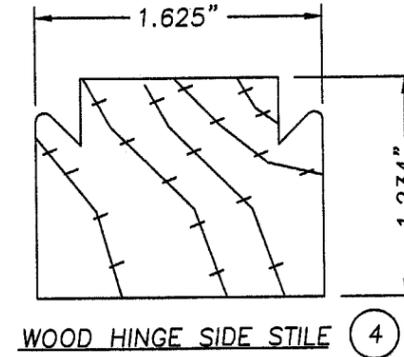
INSWING DOOR BOTTOM SWEEP
EXTRUDED VINYL .080"
WALL MAX. .034" WALL MIN.



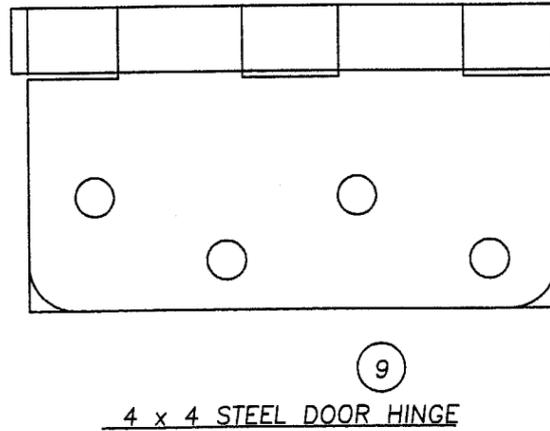
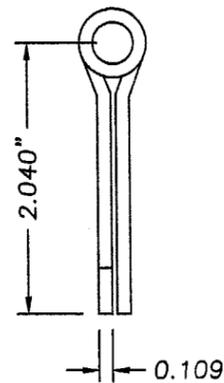
TOP RAIL
FINGER JOINTED PONDEROSA PINE



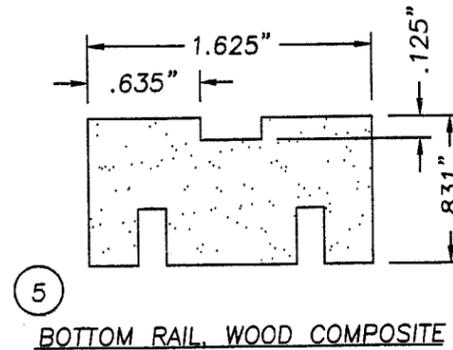
WOOD LATCH SIDE STILE



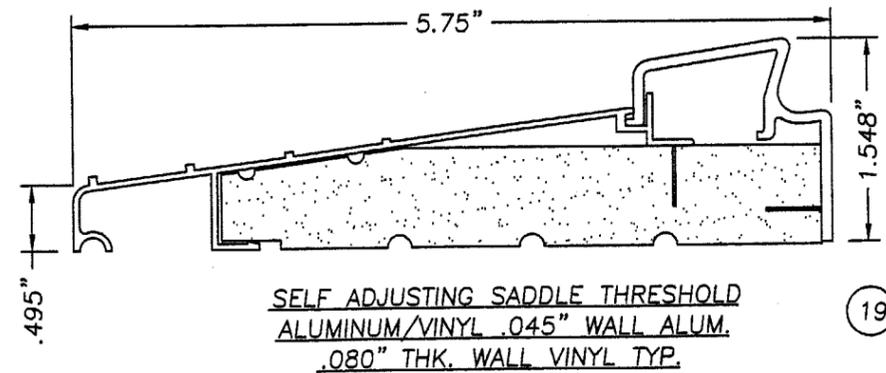
WOOD HINGE SIDE STILE



4 x 4 STEEL DOOR HINGE



BOTTOM RAIL, WOOD COMPOSITE



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

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PRODUCT:
"CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE
IN-SWING STEEL DOOR

PART OR ASSEMBLY:
UNIT COMPONENTS

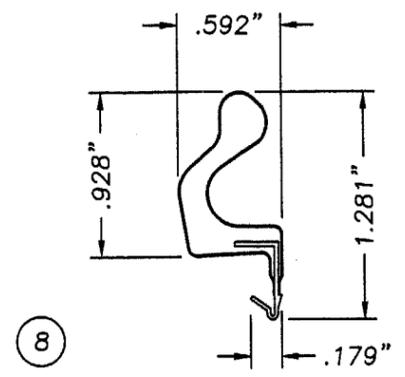
NO.	DATE	GENERAL REVISION	BY
2	6/12/02	COR. GLAZING DETAIL	RW
1	3/28/02	GENERAL REVISION	WLN

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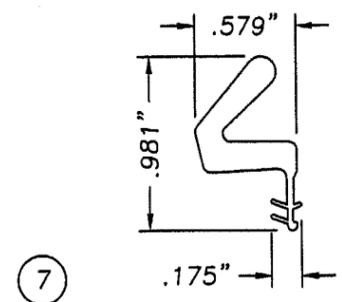
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DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2114
SHEET 7 OF 8

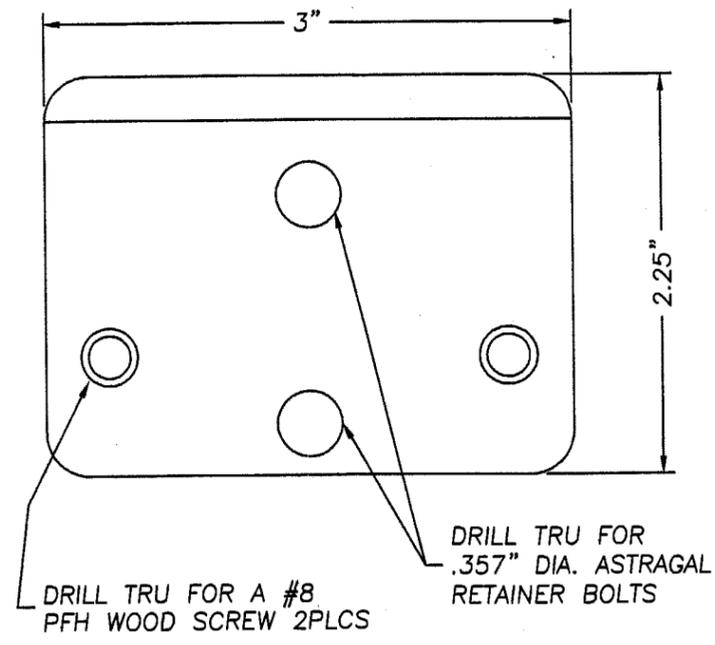
Item	DESCRIPTION	Material
1	DOOR SKIN; CONSTRUCTION SERIES 25GA. (.018" MIN.)	STEEL
2	TOP RAIL (1.628" x .851" THERMA-TRU PONDEROSA PINE)	WOOD
3	LATCH STILE (THERMA-TRU, PONDEROSA PINE 1.659" x 1.242")	WOOD
4	HINGE STILE (THERMA-TRU, PONDEROSA PINE 1.625" x 1.234")	WOOD
5	BOTTOM RAIL (1.628" x .831" 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	#10 x 1" LG. PFH WOOD SCREW	STEEL
12	#10 x 2" LG. PFH WOOD SCREW	STEEL
13	#8 x 2 1/2" LG. PFH WOOD SCREW	STEEL
14	3/16" x 2.0" MIN. TAPCON ANCHOR (ELCO)	STEEL
15	NOT USED	CONC.
16	2x 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	4.656" HEADER (THERMA-TRU, PONDEROSA PINE)	WOOD
21	4.656" STRIKE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
22	4.656" HINGE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
23	KWIKSET TITAN 700 SERIES DEADBOLT	-
24	ASTRAGAL WINDJAMBER II WR68T (.052" WALL)	ALUM.
25	GLAZING, 1/2" INSULATED TEMPERED GLASS	GLASS
26	3/4" THK. PRESSURE TREATED SIDELITE PAD	WOOD
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW	STEEL
28	INSWING DOOR BOTTOM SWEEP	VINYL
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM #33)	STEEL
30	#8 x 2" LG. PFH WOOD SCREW	STEEL
31	3/16" x 3 1/4" MIN. TAPCON ANCHOR (ELCO)	STEEL
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	-
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)	PVC
34	PLASTIC LIP LITE FRAME (BTS, THERMA-TRU)	BTS
35	4.656" BLANK JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
36	SIDELITE SIDE STILE (THERMA-TRU, 1.625" x .719" PONDEROSA PINE)	WOOD
37	#10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
38	NOT USED	-
39	NOT USED	-
40	SILICONE CAULK	SILICONE
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34)	STEEL
42	#10 x 3" LG. PFH WOOD SCREW	STEEL
43	SIDELIGHT: CONSTRUCTION SERIES 24 GA. (0.021")	STEEL



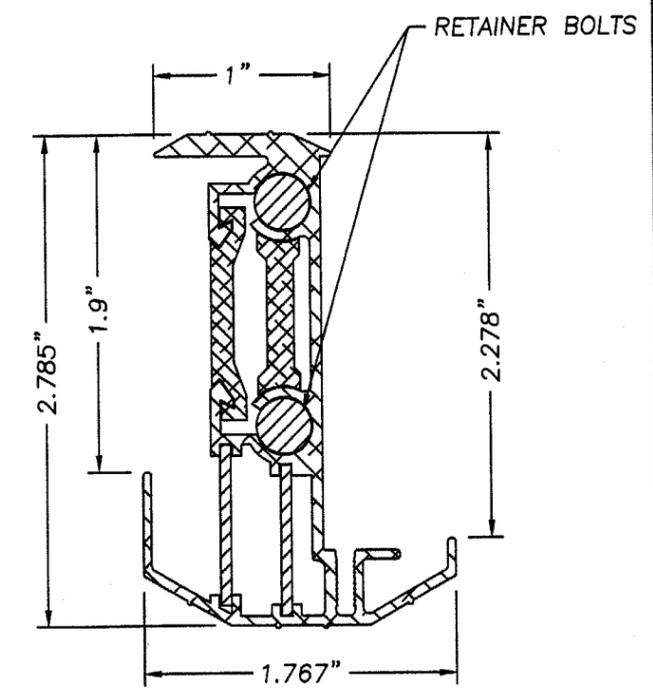
8 LONG REACH COMPRESSION WEATHERSTRIP
FOAM CELL CORE W/VINYL JACKET



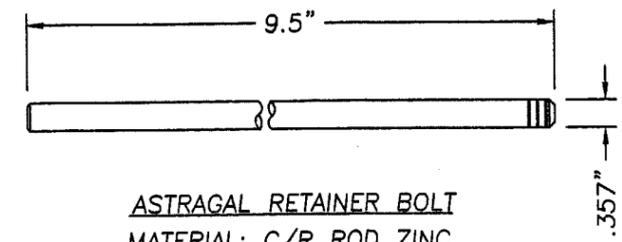
7 COMPRESSION WEATHERSTRIP
BY THERMA-TRU
FOAM CELL CORE W/VINYL JACKET



WINDJAMBER II WR68T STRIKE PLATE



24 WINDJAMBER II WR68T
ASTRAGAL (ALUMINUM .052" WALL TYP.)



ASTRAGAL RETAINER BOLT
MATERIAL: C/R ROD ZINC
& YELLOW CHROMATE

THERMA-TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

PRODUCT: "CONSTRUCTION SERIES"
6-8 SINGLE & DOUBLE
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
BILL OF MATERIALS &
UNIT COMPONENTS

NO.	DATE	GENERAL REVISION	WLN	BY	REVISIONS
2	6/12/02				COR. GLAZING DETAIL
1	3/28/02				GENERAL REVISION

RW BUILDING
CONSULTANTS, INC.
813.684.3831

Approved as complying with the
Florida Building Code
Date July 18, 2002
NOA# 01-0828.11
Miami Dade Product Control
Division
By: *[Signature]*

DATE: 03/28/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2114
SHEET 8 OF 8