



**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)**

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**Therma-Tru Corporation  
108 Mutzfeld Rd.  
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: Premium Series 6'8 Inswing Opaque Insulated Steel Door w & wo sidelites**

**APPROVAL DOCUMENT:** Drawing No. S-2150, titled "Premium Series" 6-8 Single & Double In-swing Steel Door", sheets 1 through 8, prepared by RW Building Consultants, Inc., dated 08/09/01, with revision #1 dated 3/28/02, 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 and Non-Impact**

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

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

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

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

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

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 01-0828.09  
Expiration Date: September 12, 2007  
Approval Date: September 12, 2002  
Page 1**

# THERMA-TRU®

## "PREMIUM 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 COMPLY WITH THE 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 SYSTEM DOES NOT MEET THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES".
6. THIS SYSTEM REQUIRES WINDBORNE DEBRIS EXTERNAL PROTECTION AS PRESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE, AT THE SIDELITES ONLY.
7. 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 Leaf Construction:

Face sheets: 24 GA.(0.022") minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength  $F_y(\text{min.})=48,471$  psi

Core design: Polyurethane foam core, with 1.9 lbs. density by BASF.

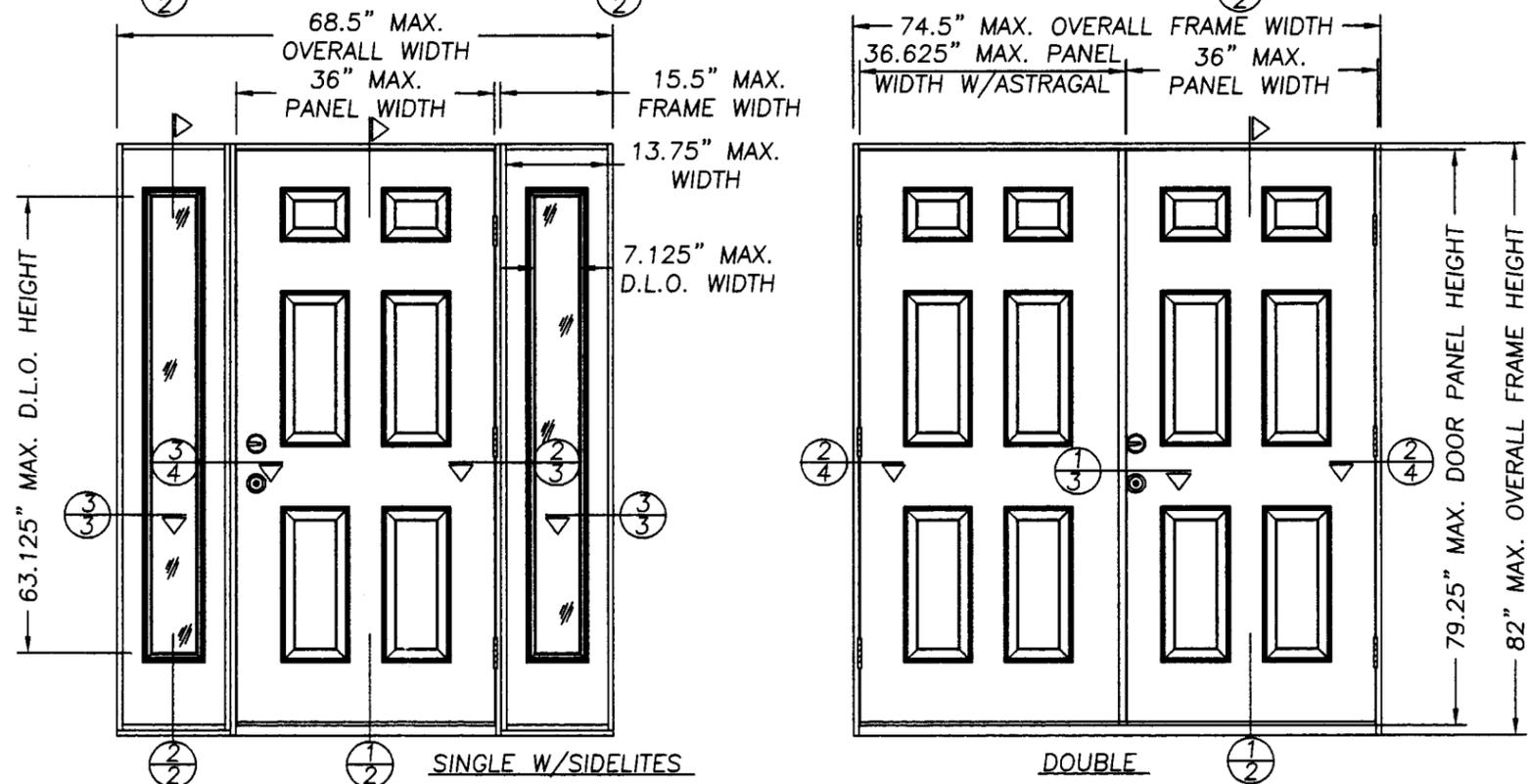
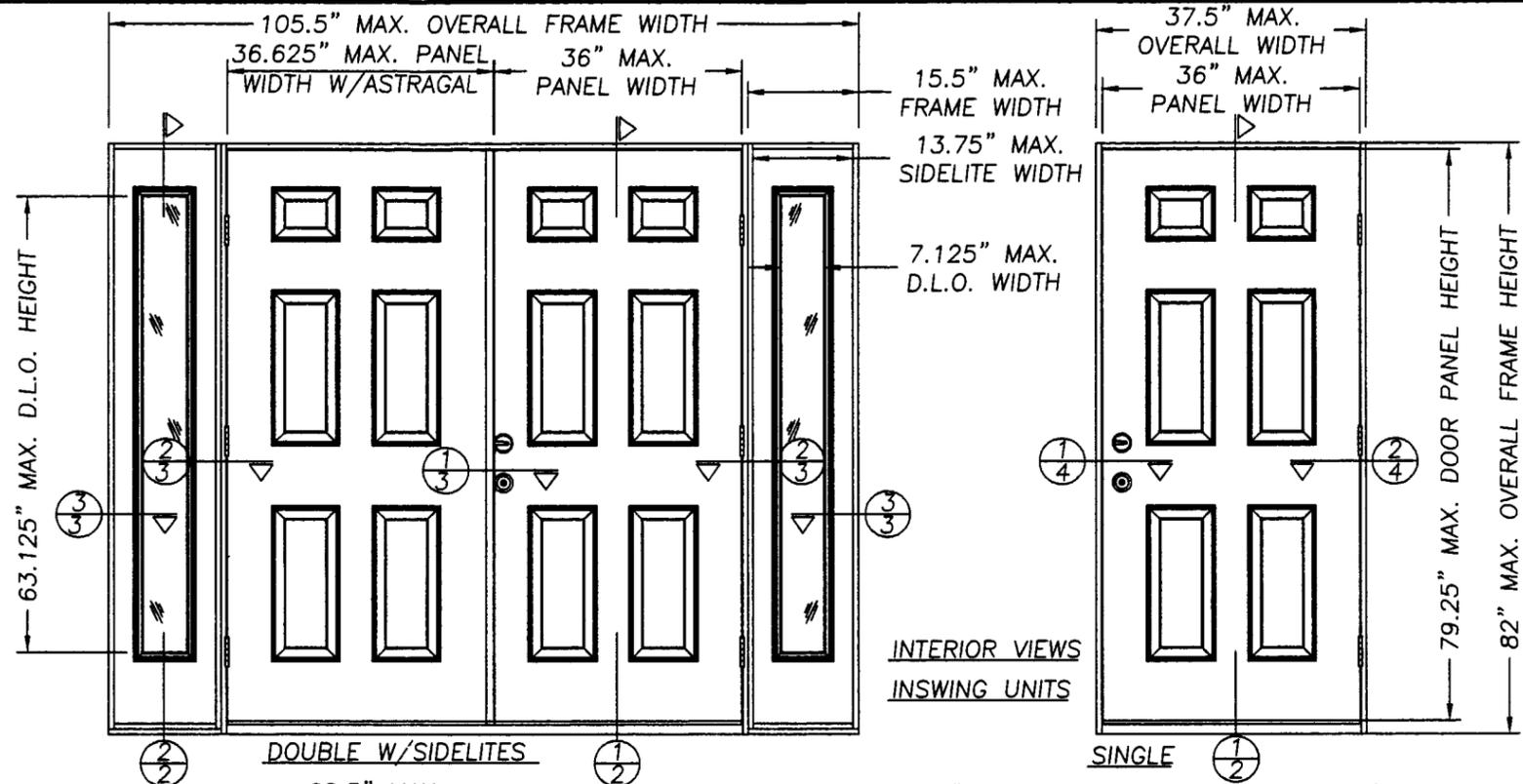
Door Panel Construction: Flush or embossed type. The vertical edges of the skin, rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed and pressure fitted with contact cement to the wood stiles at the corners.

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 4.656" wide x 1.25" 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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SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	VERTICAL CROSS SECTIONS
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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 & DOUBLE	+ 67.0 PSF - 67.0 PSF
SINGLE & DOUBLE WITH SIDELITES	+ 60.0 PSF - 60.0 PSF

Approved as complying with the Florida Building Code  
Date **SEPT. 12, 2002**  
NOA# **01-0828.09**  
Miami Dade Product Control  
Division  
By *Mauro J...*

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

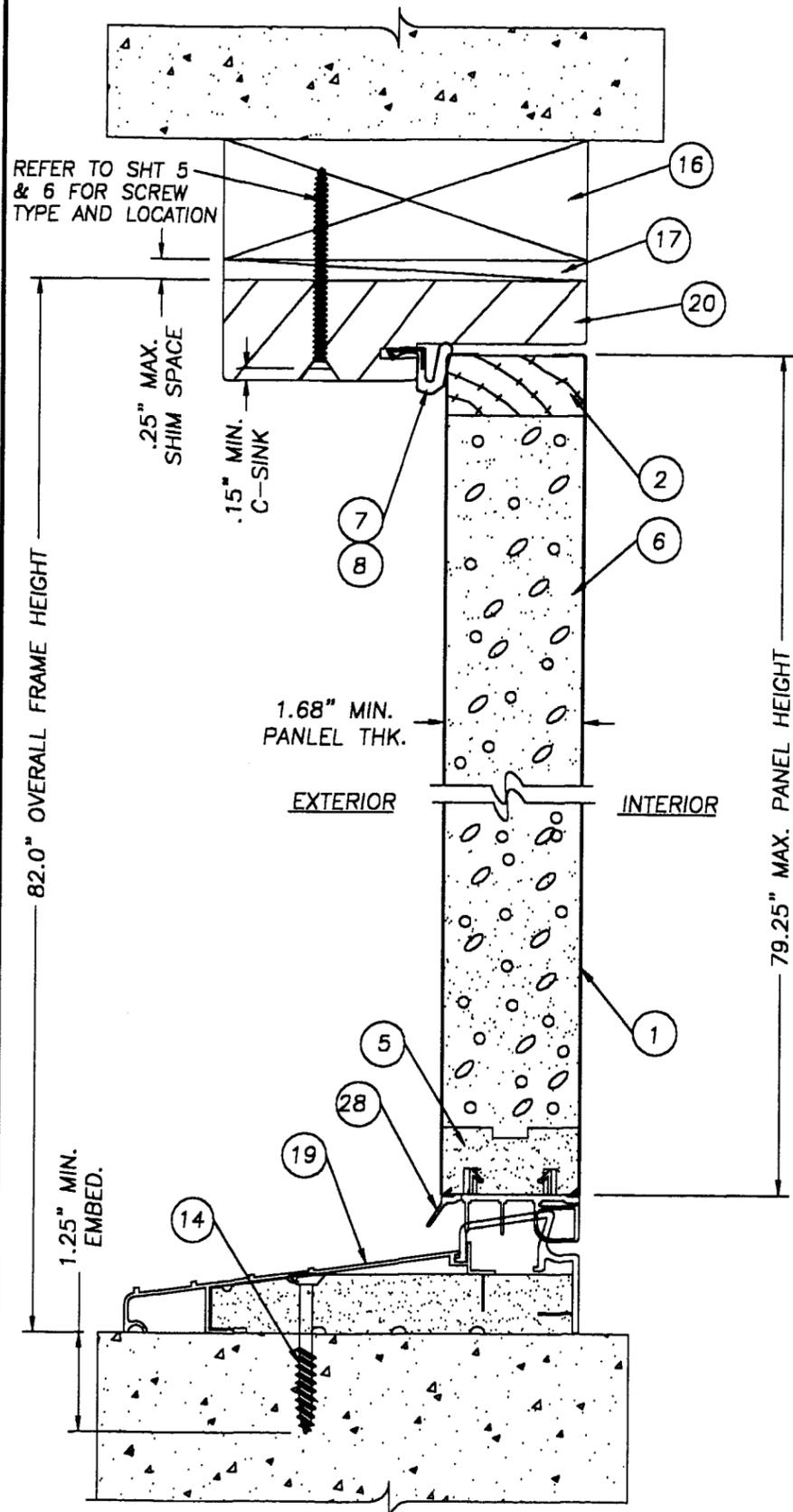
PRODUCT:  
"PREMIUM SERIES" 6-8  
SINGLE & DOUBLE  
IN-SWING STEEL DOOR

PART OR ASSEMBLY:  
TYPICAL ELEVATIONS  
& GENERAL NOTES

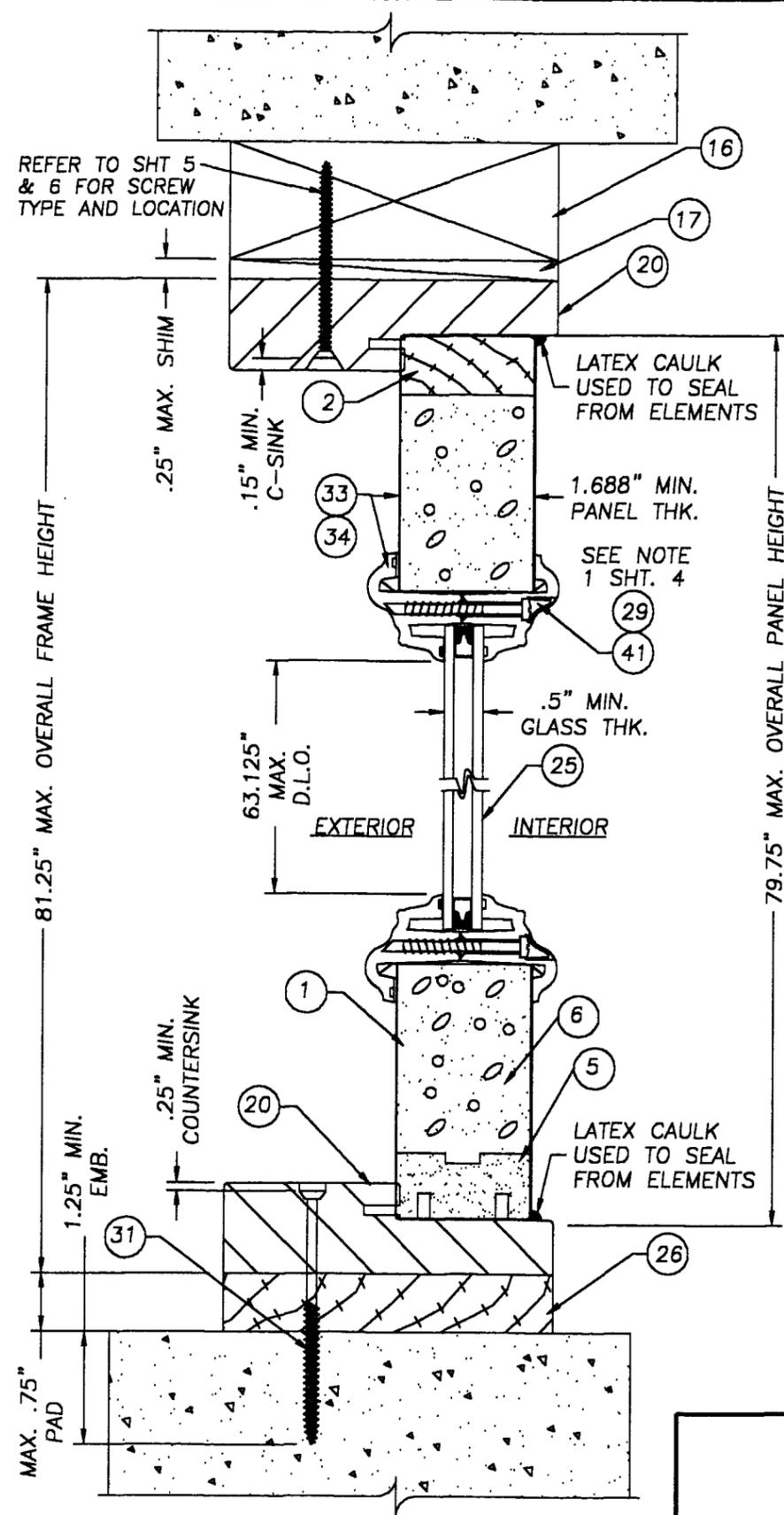
NO.	DATE	GENERAL REVISION	W/JN	BY
1	3/28/02			

**RW** BUILDING  
CONSULTANTS, INC.  
813.684.3831

DATE: 08/09/01  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2150  
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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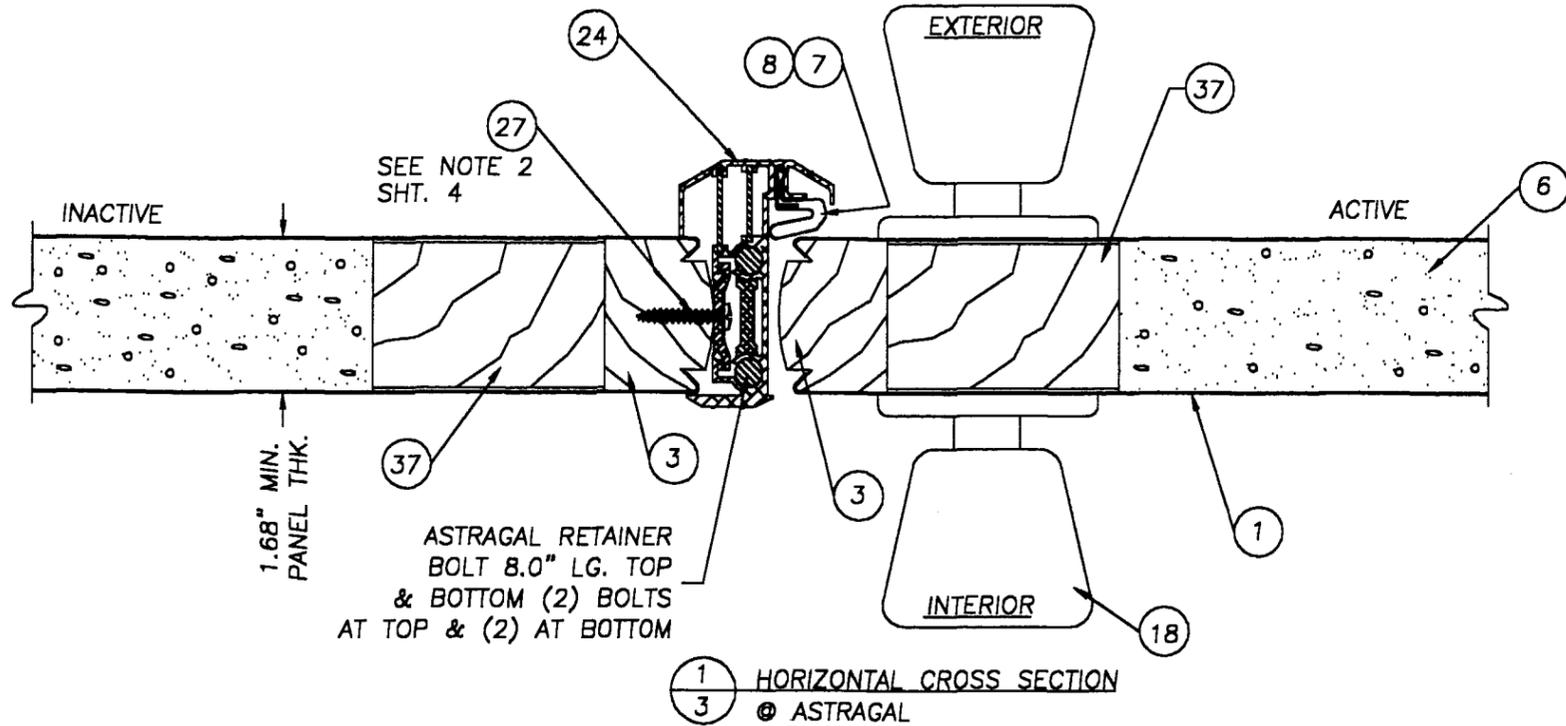
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PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	GENERAL REVISION	WLM	BY
1	3/28/02			

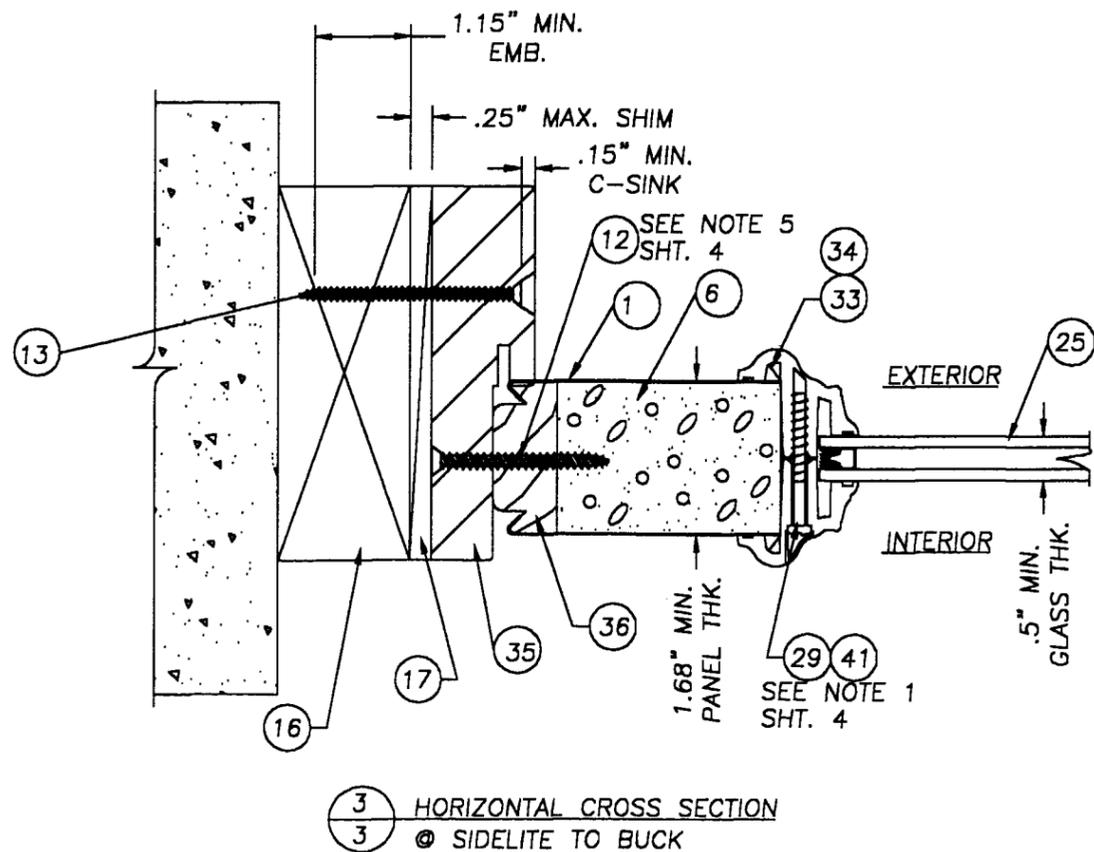
**RW** BUILDING CONSULTANTS, INC.  
813.684.3831

DATE: 08/09/01  
SCALE: 1/2" = 1"  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2150

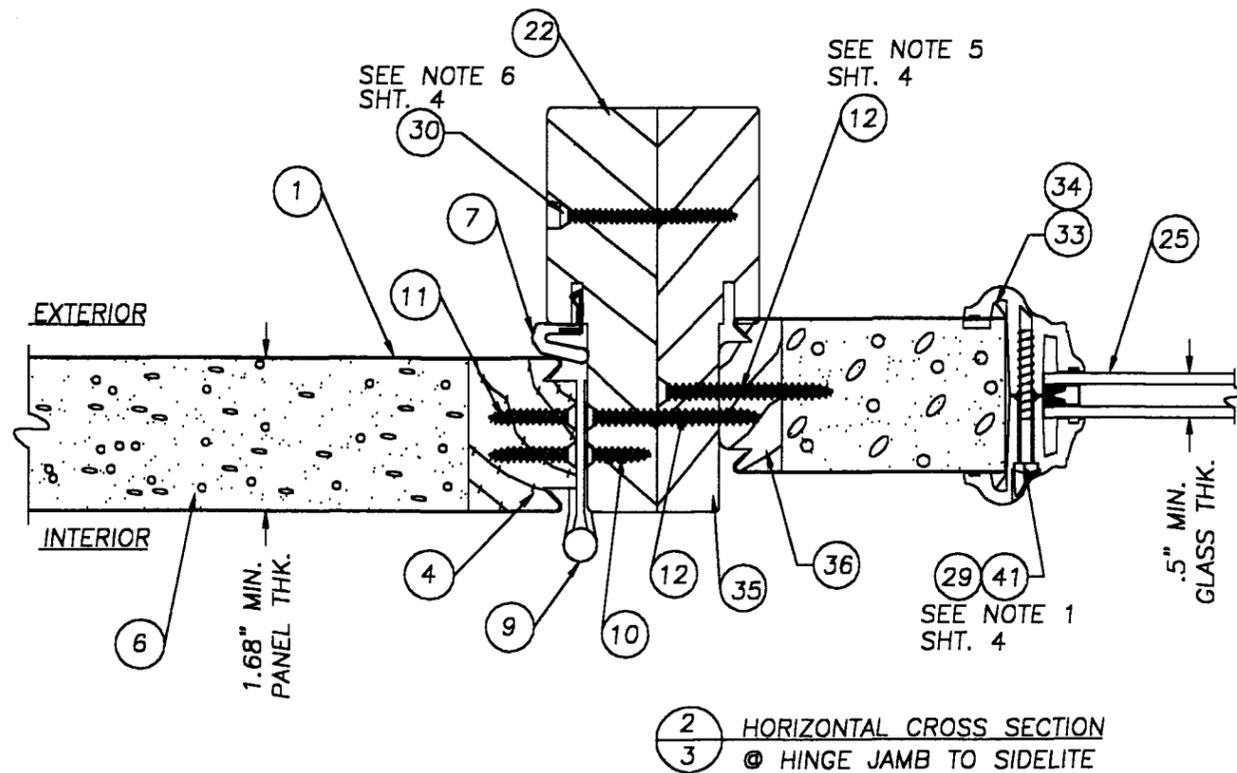
Approved as complying with the Florida Building Code  
Date SEPT. 12, 2002  
NOA# 01-0828.09  
Miami Dade Product Control Division  
By Mamuel Perez



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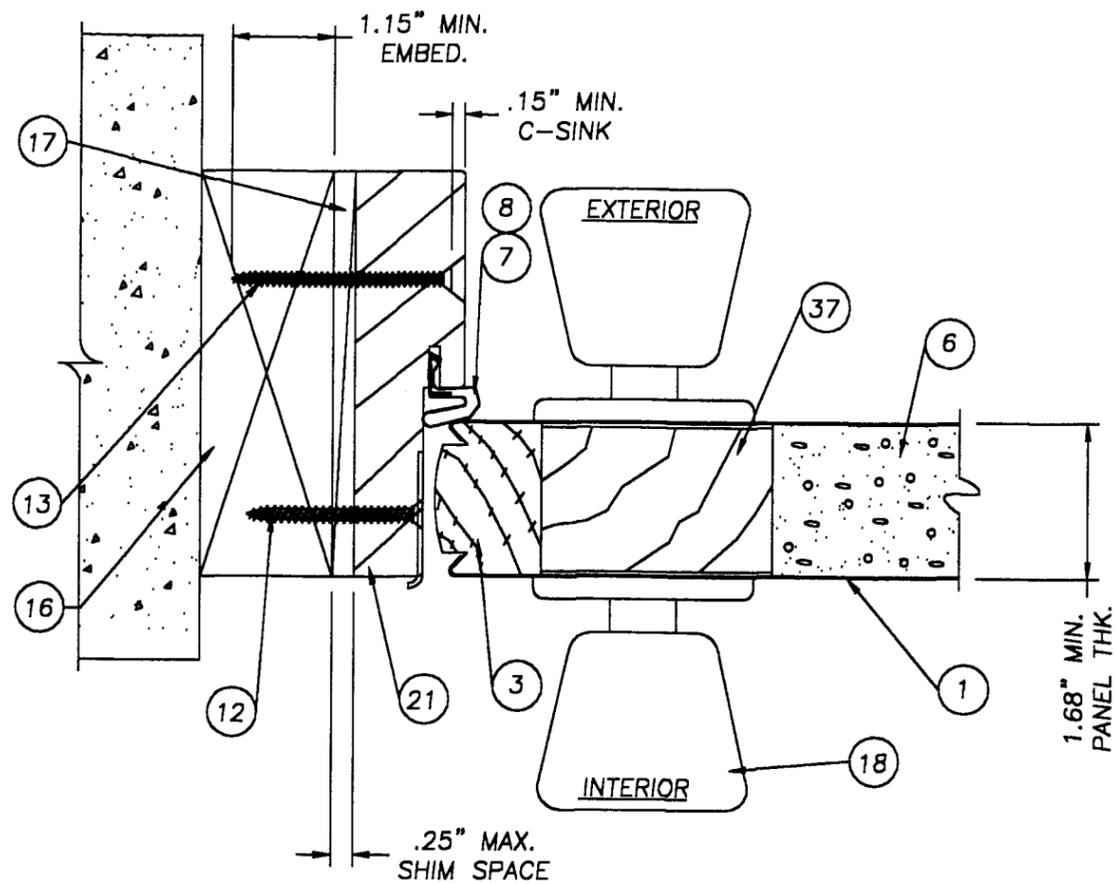
PRODUCT: "PREMIUM SERIES" 6-8 SINGLE & DOUBLE IN-SWING STEEL DOOR  
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

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

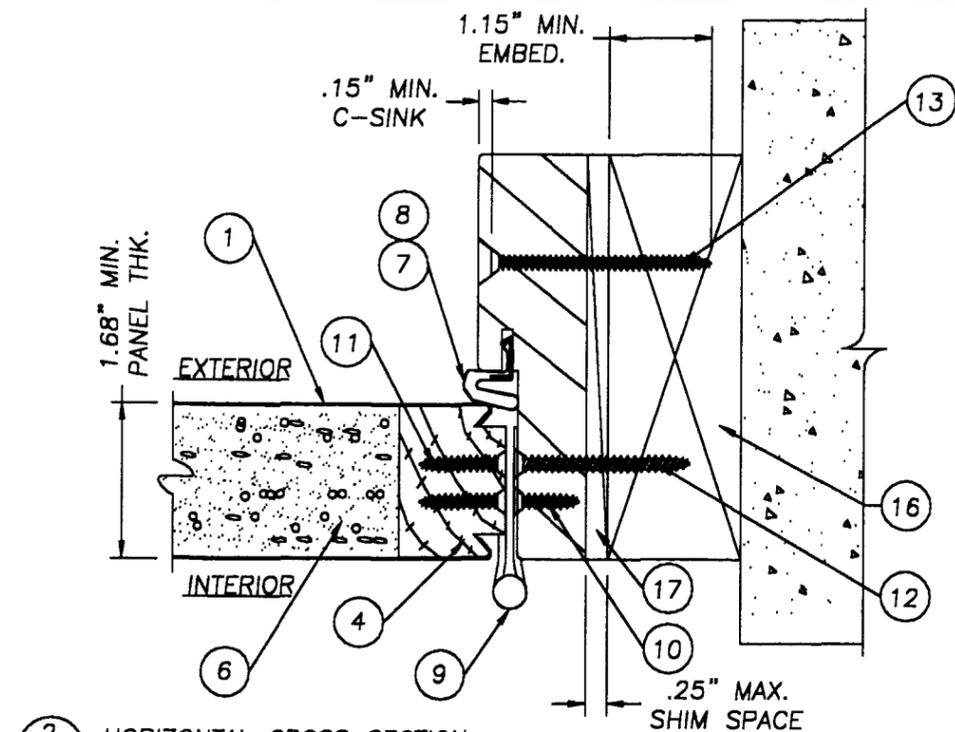
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 813.684.3831

DATE: 08/09/01  
 SCALE: 1/2" = 1"  
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 CHK. BY: RW  
 DRAWING NO.: S-2150  
 SHEET 3 OF 8

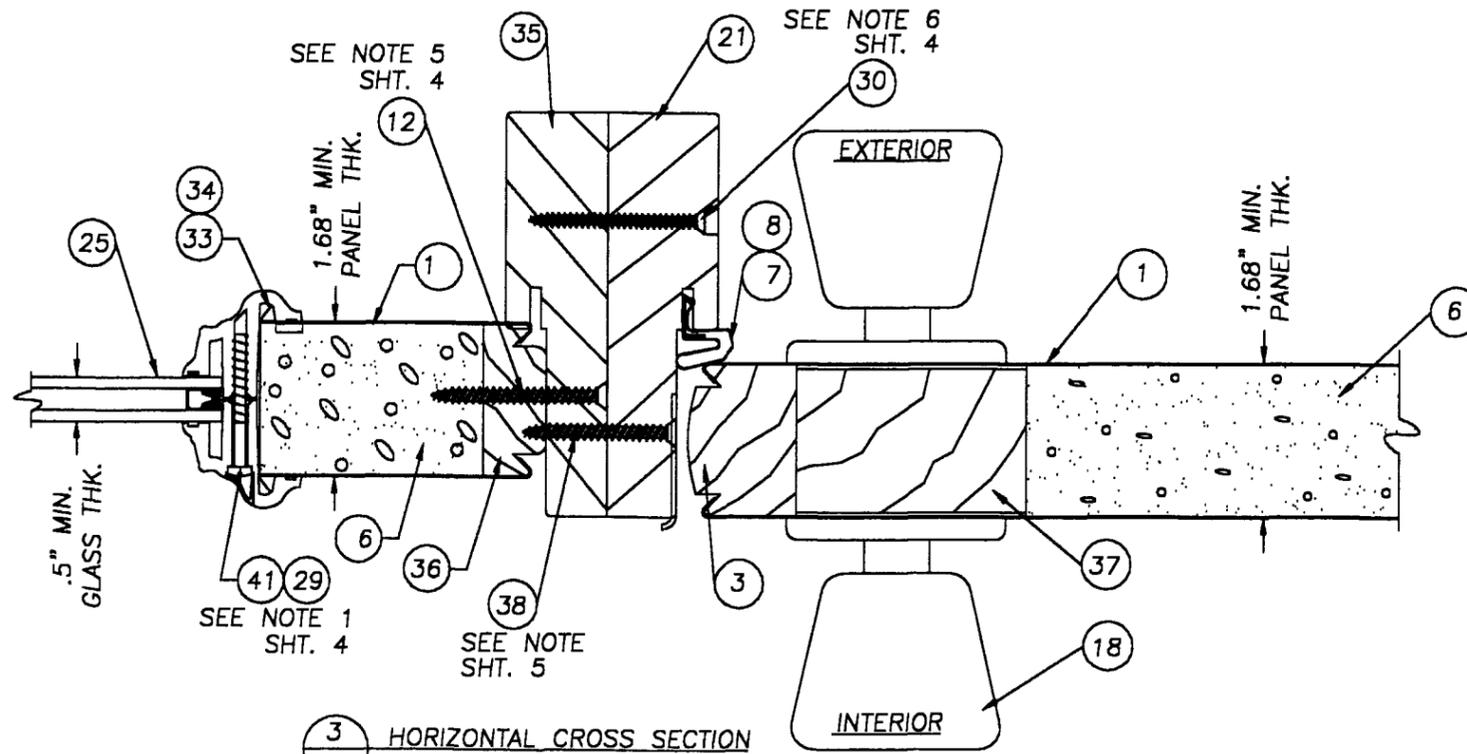
Approved as complying with the Florida Building Code  
 Date SEPT. 12, 2002  
 NOA# 01-0828.09  
 Miami Dade Product Control Division  
 By *[Signature]*



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:

1. 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.
2. 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" AND 78.25".
3. THE HEAD JAMB IS ATTACHED TO THE SIDE JAMBS WITH (3) 16GA. x 1/2" CROWN x 2" STAPLES AT BOTH SIDES.
4. THE THRESHOLD IS ATTACHED TO THE SIDE JAMBS WITH (2) 16GA. x 1/2" CROWN x 2.5" STAPLES AT BOTH SIDES.
5. 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.
6. 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.

**THERMATRU®**  
108 MUTZFELD Rd.  
BUTLER, IN 46721  
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PRODUCT:  
"PREMIUM SERIES" 6-8  
SINGLE & DOUBLE  
IN-SWING STEEL DOOR

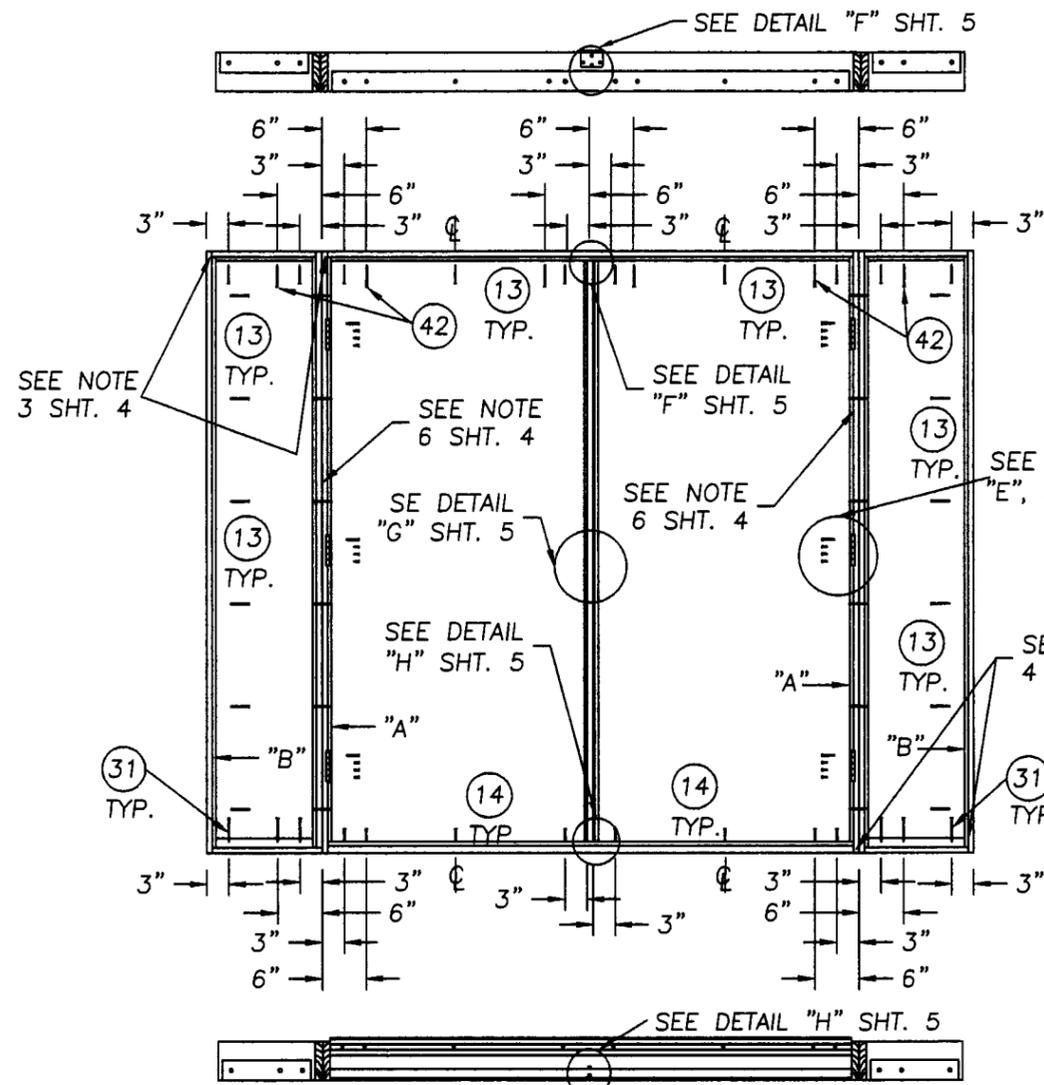
PART OR ASSEMBLY:  
HORIZONTAL CROSS  
SECTIONS & NOTES

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

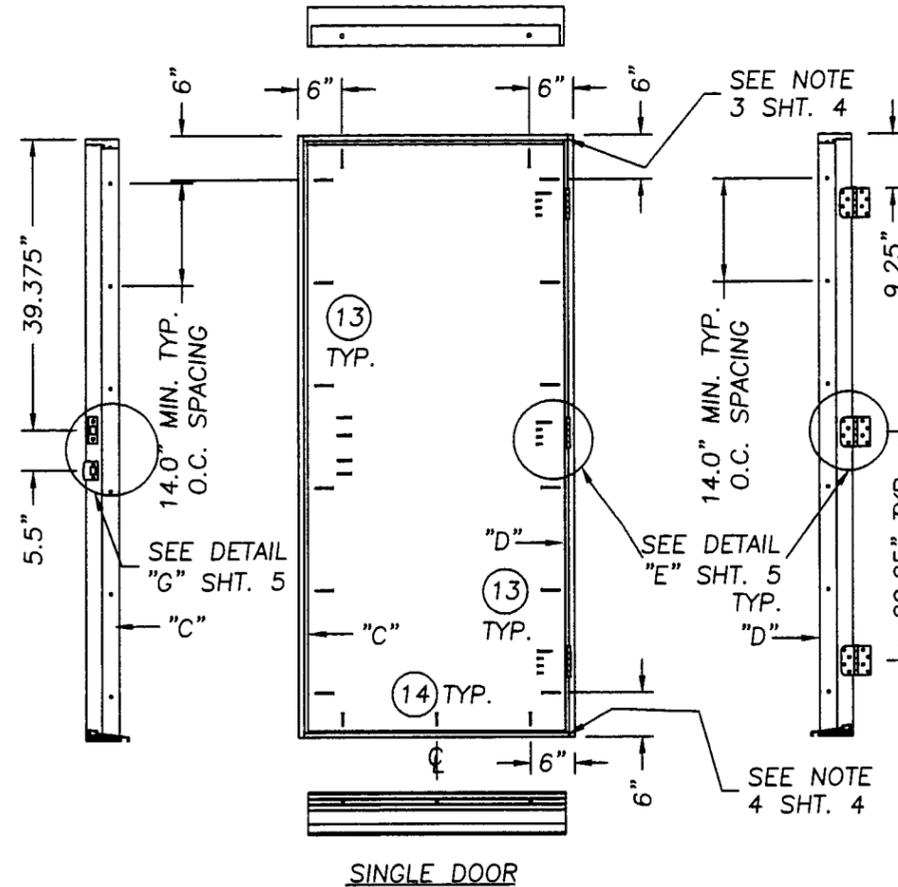
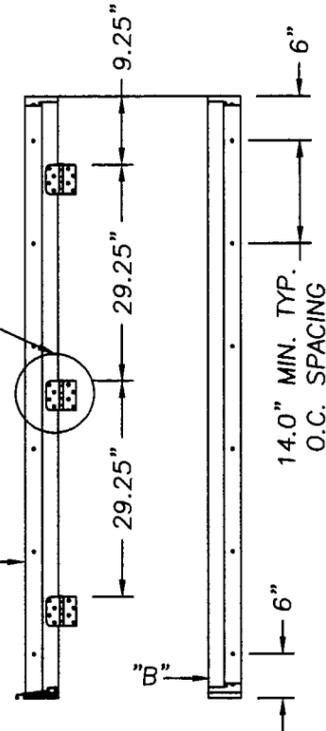
**RW** BUILDING  
CONSULTANTS, INC.  
813.684.3831

DATE: 08/09/01  
SCALE: 1/2" = 1"  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2150  
SHEET 4 OF 8

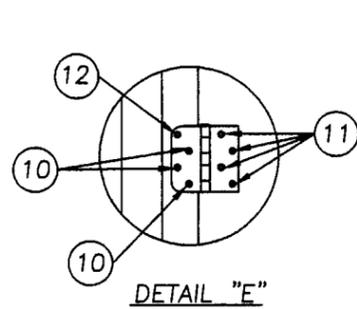
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Florida Building Code  
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NOA# 01-0828.09  
Miami Dade Product Control  
Division  
By: *Manuel Perez*



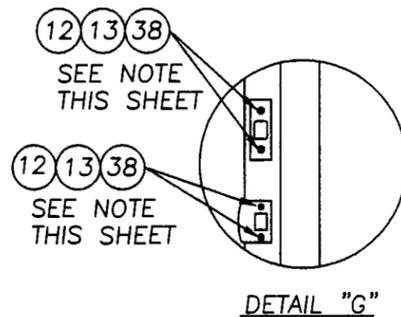
DOUBLE DOOR W/SIDELITES



SINGLE DOOR

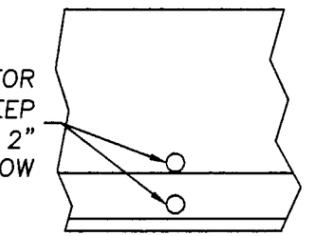


DETAIL "E"

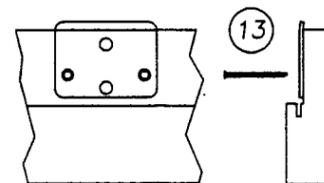


DETAIL "G"

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



DETAIL "H"  
ASTRAGAL THROW BOLTS AT THE THRESHOLD



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

NOTE:

WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND BUCK USE A #10 x 2" SCREW. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE ASTRAGAL USE A #8 x 2 1/2" SCREW. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND SIDELITE JAMB USE A #10 x 1 3/4" SCREW.

ThermaTru®

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

PART OR ASSEMBLY:  
ANCHORING LOCATIONS  
& DETAILS

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

RW BUILDING CONSULTANTS, INC.  
813.684.3831

DATE: 08/09/01

SCALE: N.T.S.

DWG. BY: TJH

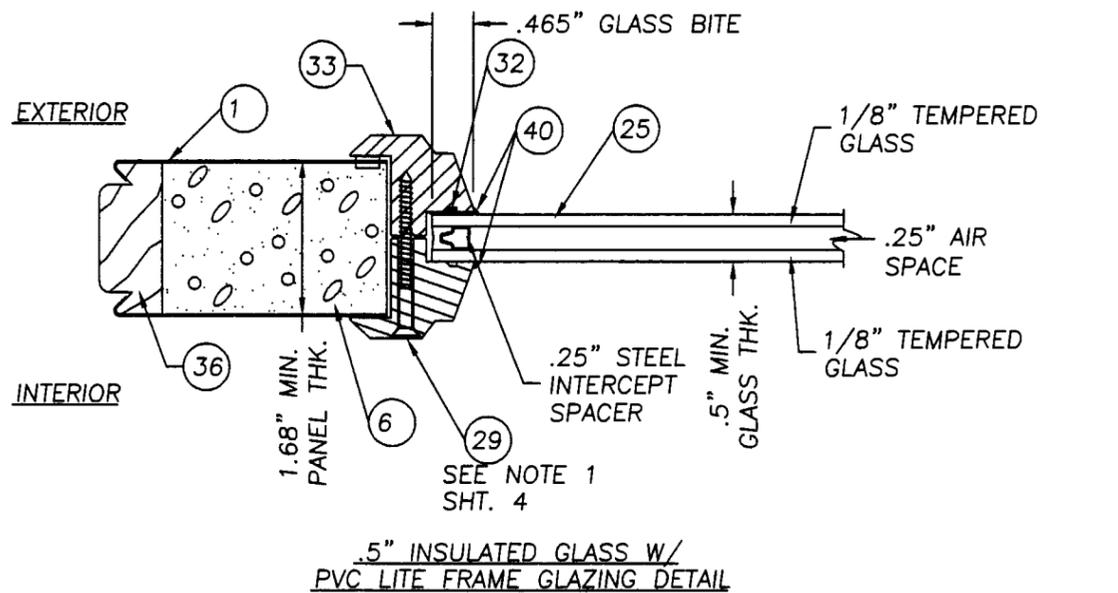
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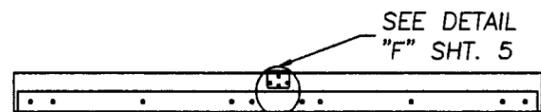
S-2150

SHEET 5 OF 8

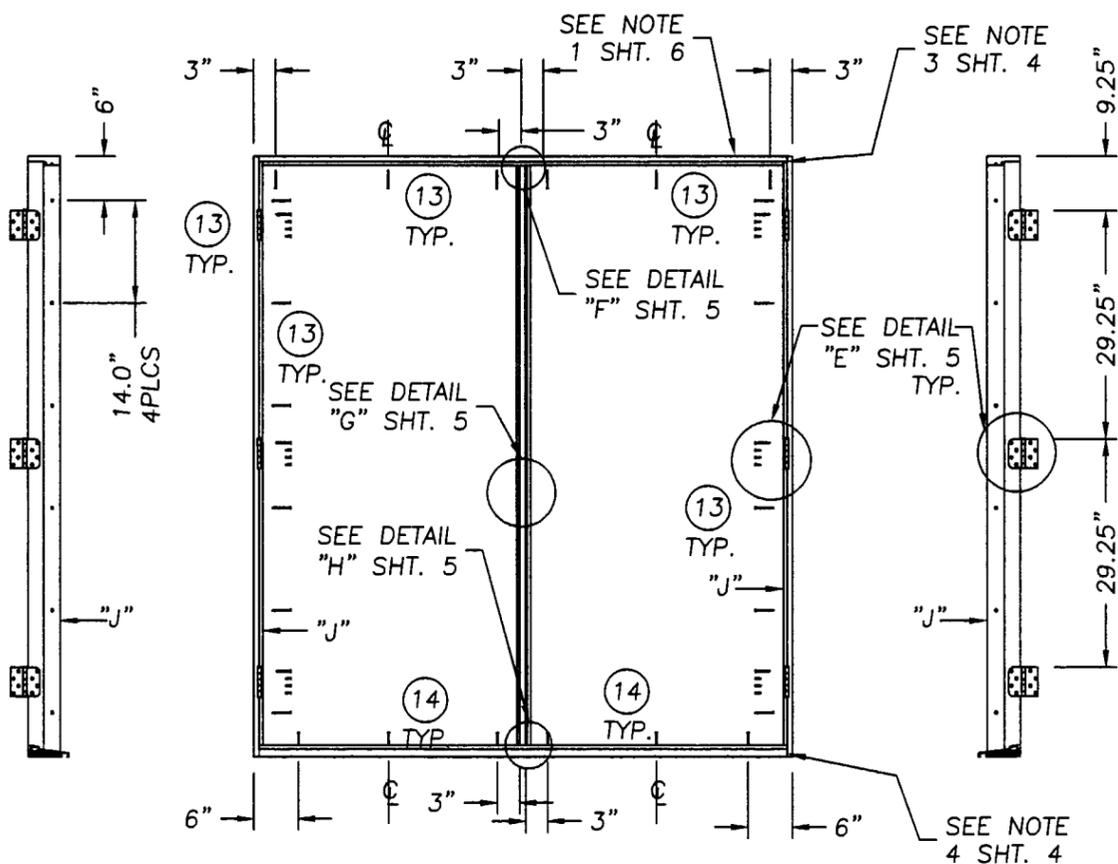
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Date SEPT. 12, 2002  
NOA# 01-0328.09  
Miami Dade Product Control  
Division  
By Manuel Perez



5" INSULATED GLASS W/  
PVC LITE FRAME GLAZING DETAIL

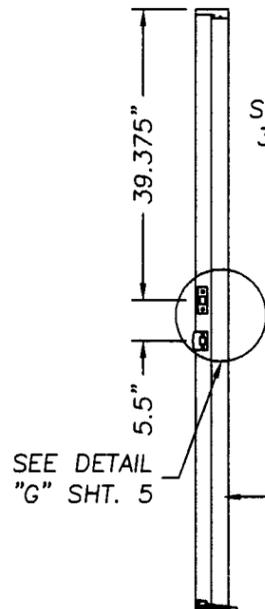


SEE DETAIL  
"F" SHT. 5

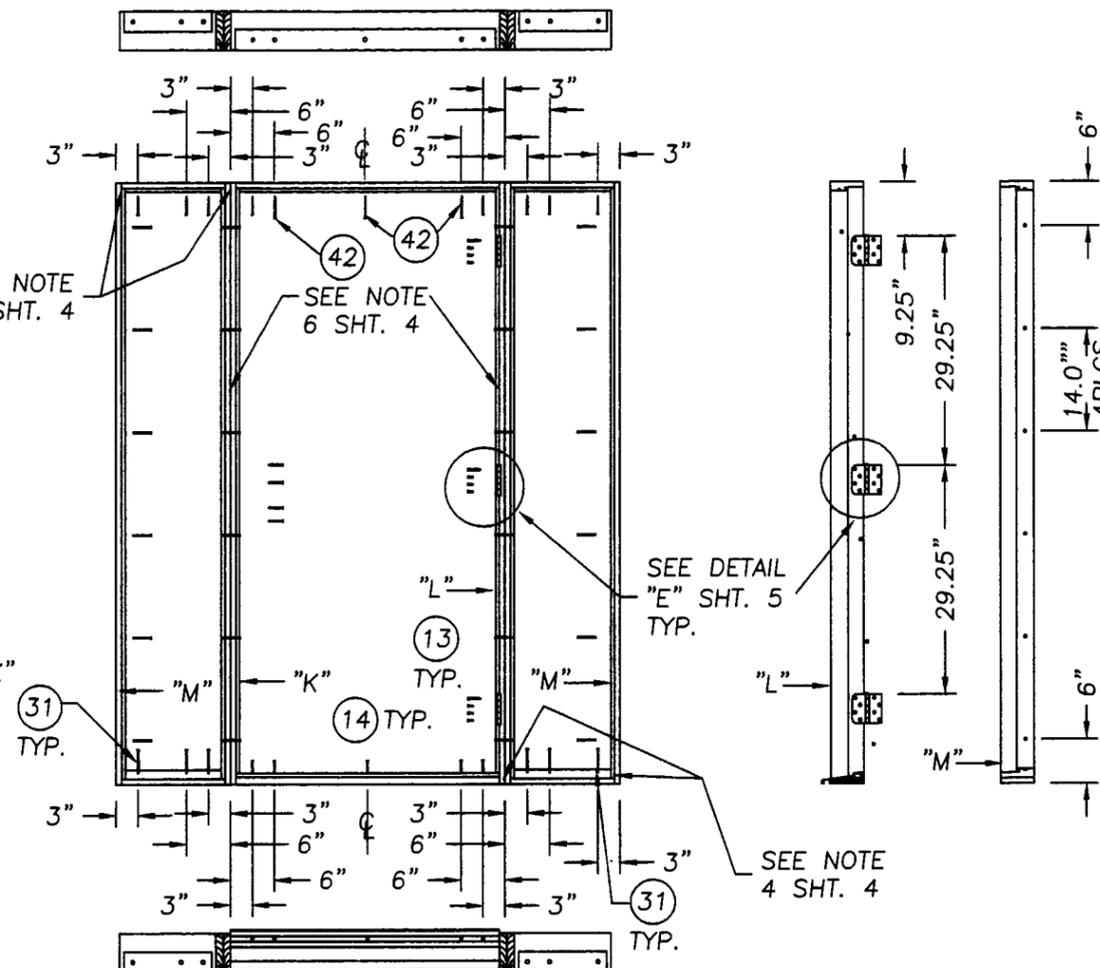


SEE DETAIL "H" SHT. 5  
DOUBLE DOOR

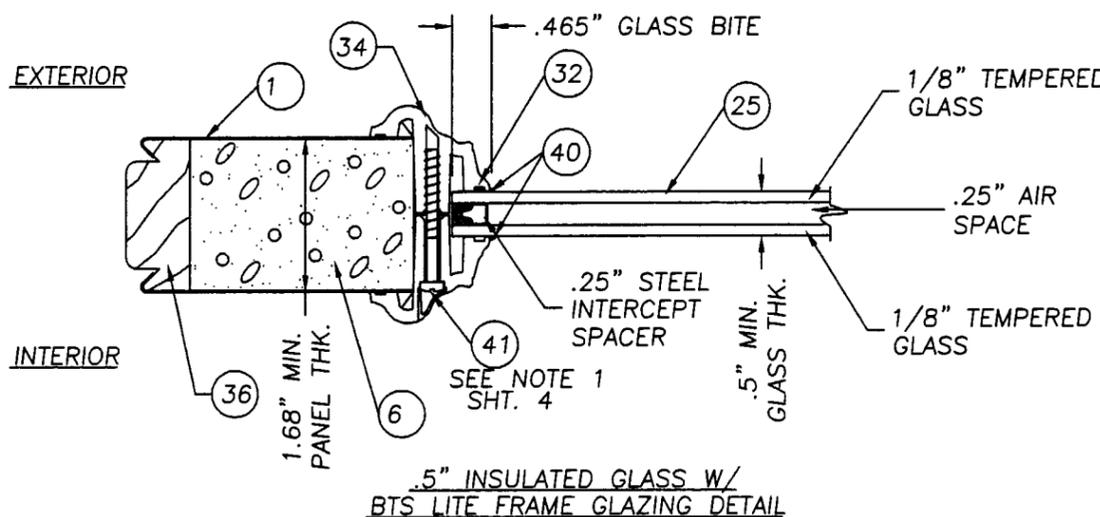
SEE DETAIL  
"G" SHT. 5



SEE NOTE  
3 SHT. 4



SINGLE DOOR W/SIDELITES



5" INSULATED GLASS W/  
BTS LITE FRAME GLAZING DETAIL

1. THE EXTRA SCREWS ARE NOT  
REQUIRED UNLESS THE UNIT IS MULLED  
TO SIDELITES.

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Date SEPT. 12, 2002  
NOA# 01-0828.09  
Miami Dade Product Control  
Division  
By Manuel Perez

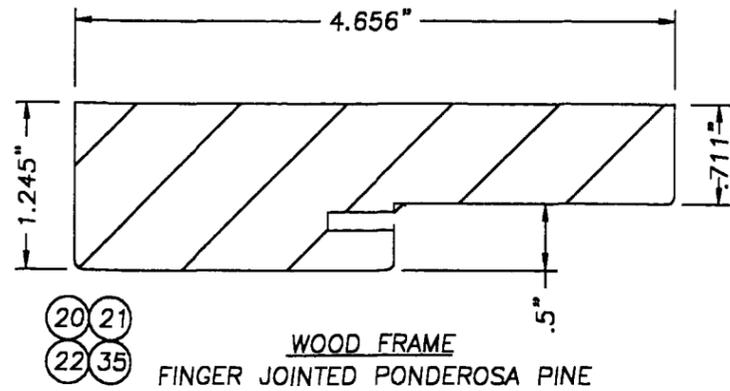
DATE: 08/09/01  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2150  
SHEET 6 OF 8

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

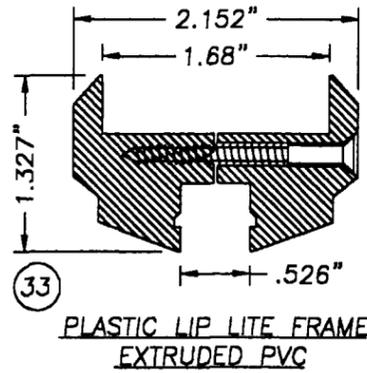
OTHER INFORMATION:  
THERMADTRU®  
108 MUTZFELD Rd.  
BUTLER, IN 46721  
PH. (219) 868-5811

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

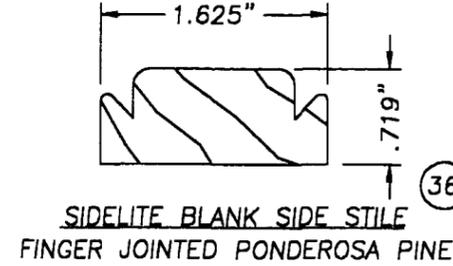
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CONSULTANTS, INC.  
813.684.3831



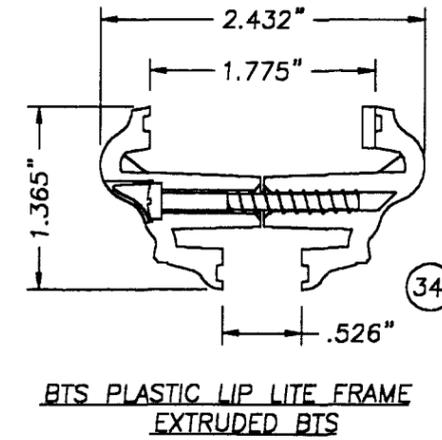
WOOD FRAME  
FINGER JOINTED PONDEROSA PINE



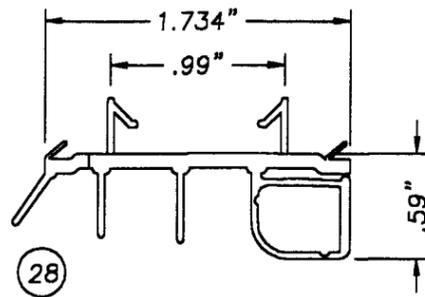
PLASTIC LIP LITE FRAME  
EXTRUDED PVC



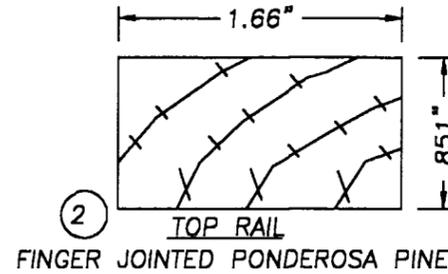
SIDELITE BLANK SIDE STILE  
FINGER JOINTED PONDEROSA PINE



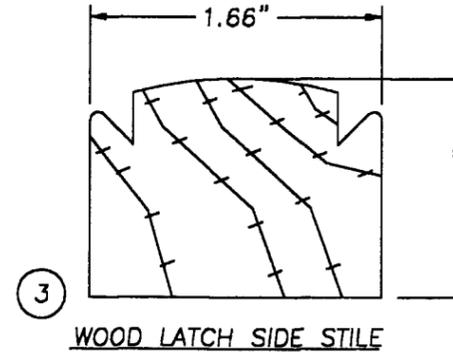
BTS PLASTIC LIP LITE FRAME  
EXTRUDED BTS



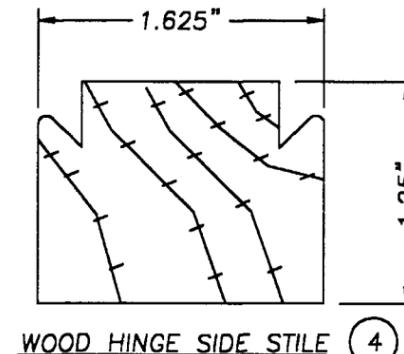
IN-SWING DOOR BOTTOM SWEEP  
EXTRUDED VINYL .080"  
WALL MAX. .034" WALL MIN.



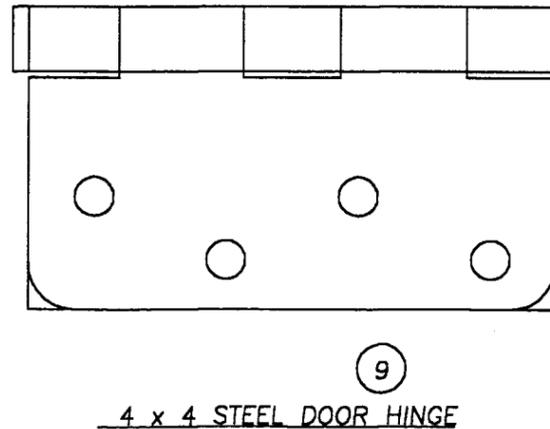
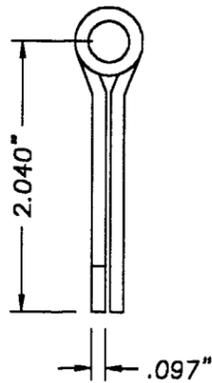
TOP RAIL  
FINGER JOINTED PONDEROSA PINE



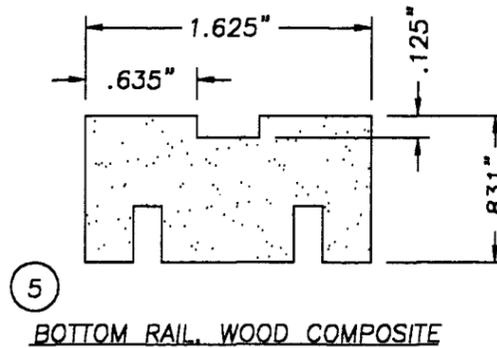
WOOD LATCH SIDE STILE



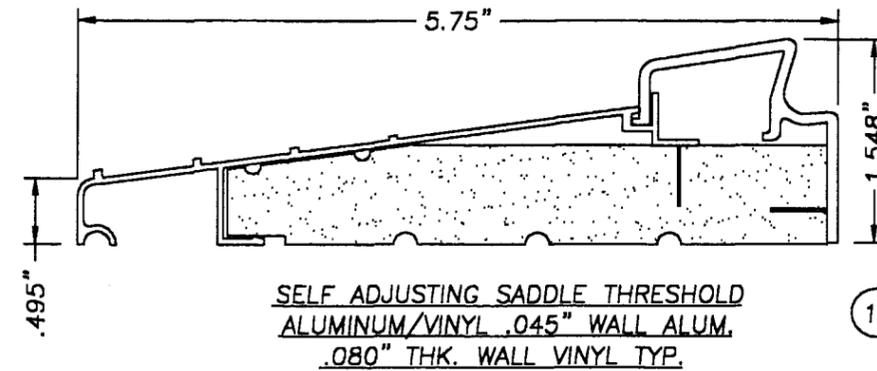
WOOD HINGE SIDE STILE



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: "PREMIUM SERIES" 6-8  
SINGLE & DOUBLE  
IN-SWING STEEL DOOR  
PART OR ASSEMBLY:  
UNIT COMPONENTS

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

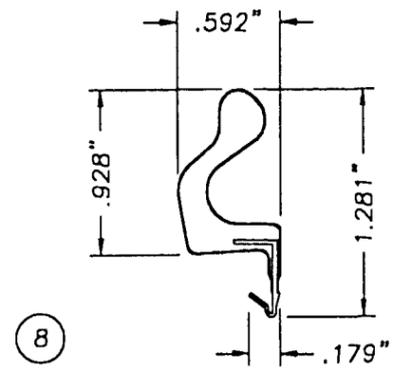
**RW** BUILDING  
CONSULTANTS, INC.  
813.684.3831

NOTE:  
ALL DIMENSION SHALL BE MINIMUM AS LARGEST TESTED

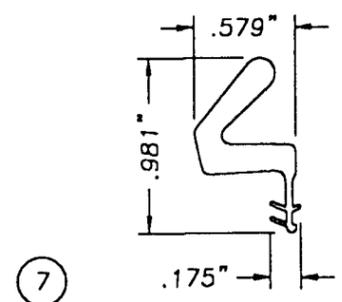
Approved as complying with the  
Florida Building Code  
Date SEPT. 12, 2007  
NOA# 01-0828-09  
Miami Dade Product Control  
Division  
By [Signature]

DATE: 08/09/01  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2150  
SHEET 7 OF 8

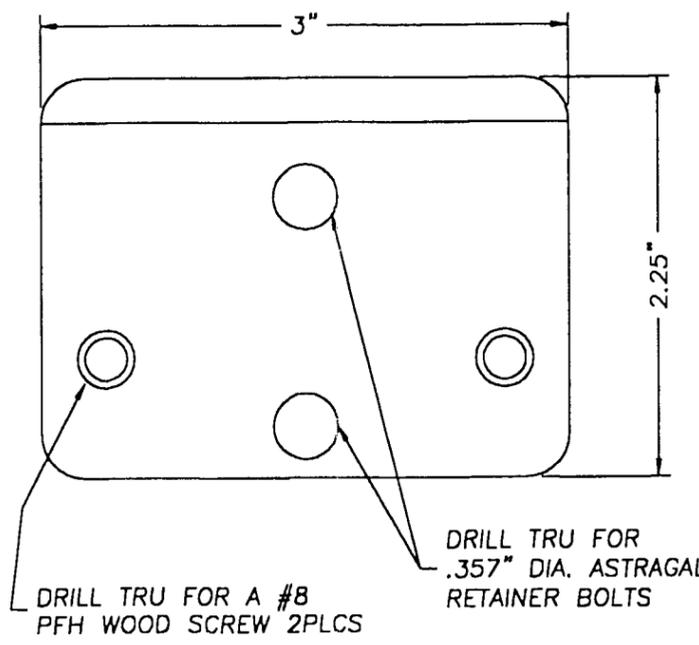
Item	DESCRIPTION	Material
1	DOOR SKIN; CONSTRUCTION SERIES 25GA. (.018" MIN.)	STEEL
2	TOP RAIL (1.628" x .851" THERMA-TRU PONDEROSA PINE)	WOOD
3	LATCH STILE (THERMA-TRU, PONDEROSA PINE 1.66" x 1.234")	WOOD
4	HINGE STILE (THERMA-TRU, PONDEROSA PINE 1.625" x 1.25")	WOOD
5	BOTTOM RAIL (1.628" x .831" THERMA-TRU 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	
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	LOCK BLOCK 2.625" x 10.375" x 1.625" THK.	WOOD
38	#10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
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 WOODSCREW	STEEL



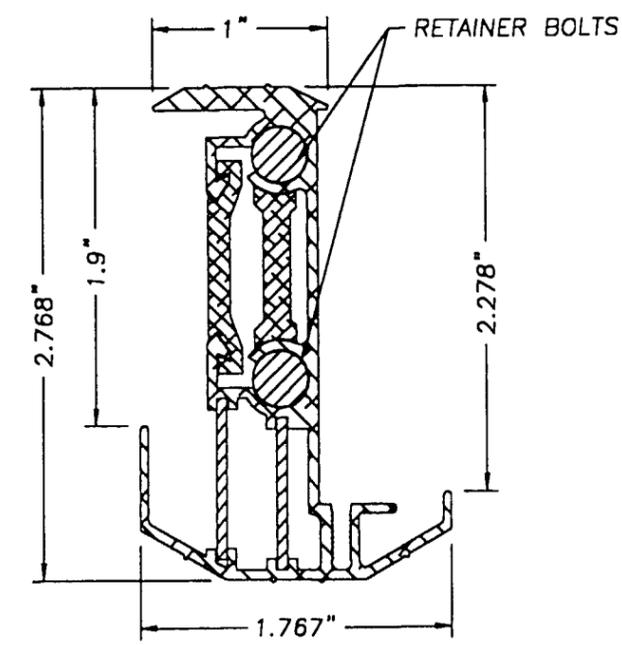
8 LONG REACH COMPRESSION WEATHERSTRIP  
FOAM CELL CORE W/VINYL JACKET



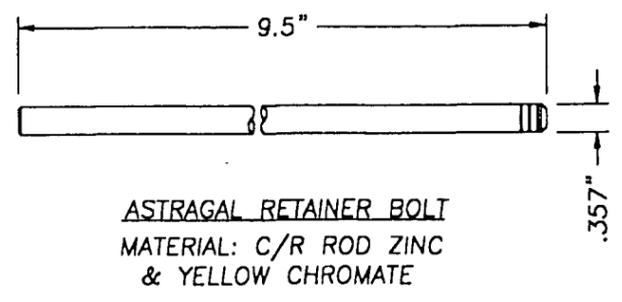
7 COMPRESSION WEATHERSTRIP  
BY THERMA-TRU  
FOAM CELL CORE W/VINYL JACKET



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

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

RW BUILDING  
CONSULTANTS, INC.  
813.684.3831

DATE: 08/09/01  
SCALE: N.T.S.  
DWG. BY: TJH  
CHK. BY: RW  
DRAWING NO.: S-2150  
SHEET 8 OF 8

Approved as complying with the  
Florida Building Code  
Date: SEPT. 12, 2002  
NOAH 01-0828.09  
Miami Dade Product Control  
Division  
By: *Maunul*