



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Premdor Entry Systems**  
**911 E. Jeferson, P.O. Box 76**  
**Pittsburgh ,KS 66762**

Your application for Notice of Acceptance (NOA) of:

**"Castlegate" Series Single Flush(embossed) Outswing/Inswing Residential Insulated Steel Doors (Wood top/bottom edge & Steel side edge)-Impact**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.:** 00-0720.11  
**EXPIRES:** 08/25/2003

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED:** 09/14/2000

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This **renews** the Notice of Acceptance No. **97-0204.07**, which was issued on August 25<sup>th</sup>, 1997. It approves an **outswing / inswing** residential insulated steel door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

2.1 The **“Castlegate” Series Single Flush(Embossed) Outswing / Inswing Residential Insulated Steel Doors (Wood top/bottom edge & Steel side edge)– Large Missile Impact Resistant** and its components shall be constructed in strict compliance with the following documents: Drawing No **31-1015-CA**, titled **“CASTLEGATE Steel door,”** Sheets 1 through 6 of 6, prepared by manufacturer, dated 2/18/97 and latest revised on 08-21-00, 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. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

3.1 This approval applies to single unit applications of a single outswing / or inswing door, as shown in approved drawings.  
3.2 Refer to corresponding design pressure table, for water infiltration requirements.

**4. INSTALLATION**

4.1 The outswing / or inswing residential insulated steel door and its components shall be installed in strict compliance with the approved drawings.  
4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

**5. LABELING**

5.1 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".  
5.2 The door slab itself shall also bear a permanent label, at the door inside edge, with the manufacturer's name or logo, city and state.

**6. BUILDING PERMIT REQUIREMENTS**

6.1 Application for building permit shall be accompanied by copies of the following:  
6.1.1 This Notice of Acceptance  
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.  
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda  
Ishaq I. Chanda, P.E., Product Control Examiner  
Product Control Division

**Premdor Entry Systems**

**ACCEPTANCE NO.:** 00-0720.11

**APPROVED** : SEP 14 2000

**EXPIRES** : August 25, 2003

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

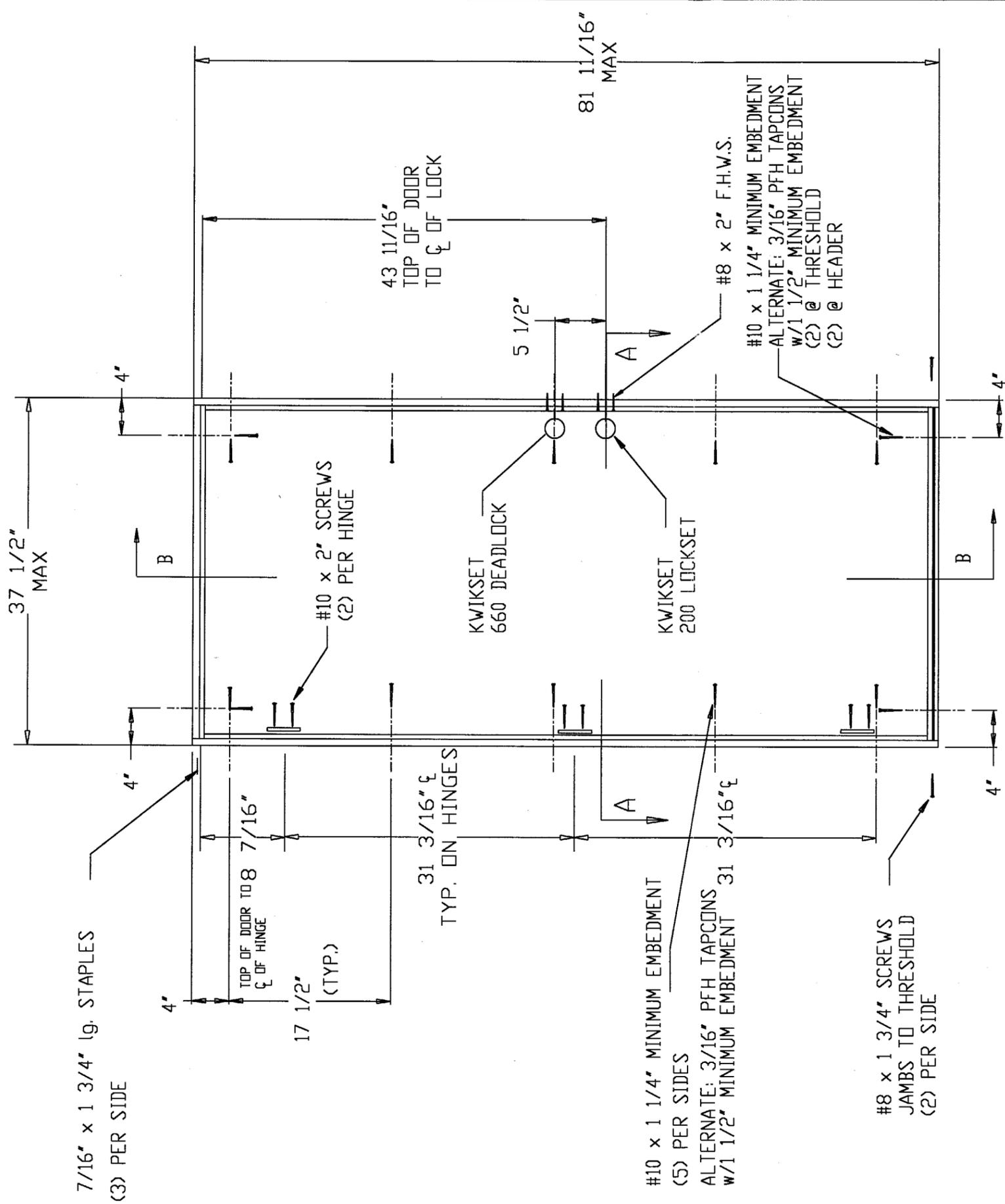
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

Ishaq I. Chanda  
Ishaq I. Chanda, P.E., Product Control Examiner  
Product Control Division

**END OF THIS ACCEPTANCE**

PREMDOR (CASTLEGATE BRAND)  
 3'-0 x 6'-8 STEEL DOOR WITH BUMPER THRESHOLD  
 IN A WOOD FRAME

OUTSWING/INSWING DOORS

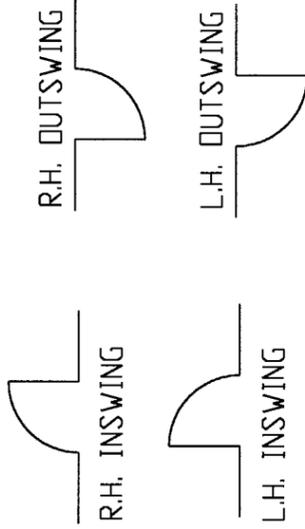


OUTSWING (VIEW FROM EXTERIOR) NOTES:

- 1.) WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- 2.) THE PRECEDING DRAWINGS ARE INTENDED TO QUALIFY THE FOLLOWING INSTALLATIONS.

- A. WOOD FRAME CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY WOOD OPENING.
  - B. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY STRUCTURAL WOOD BUCK.
  - C. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED DIRECTLY TO CONCRETE OR MASONRY WITH OR WITHOUT A NON-STRUCTURAL ONE BY WOOD BUCK.
3. ALL ANCHORING SCREWS TO BE #10 WITH MINIMUM 1 1/4" EMBEDMENT INTO WOOD SUBSTRATE.

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
 BY L. Shugart, L. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. CD-0720-11



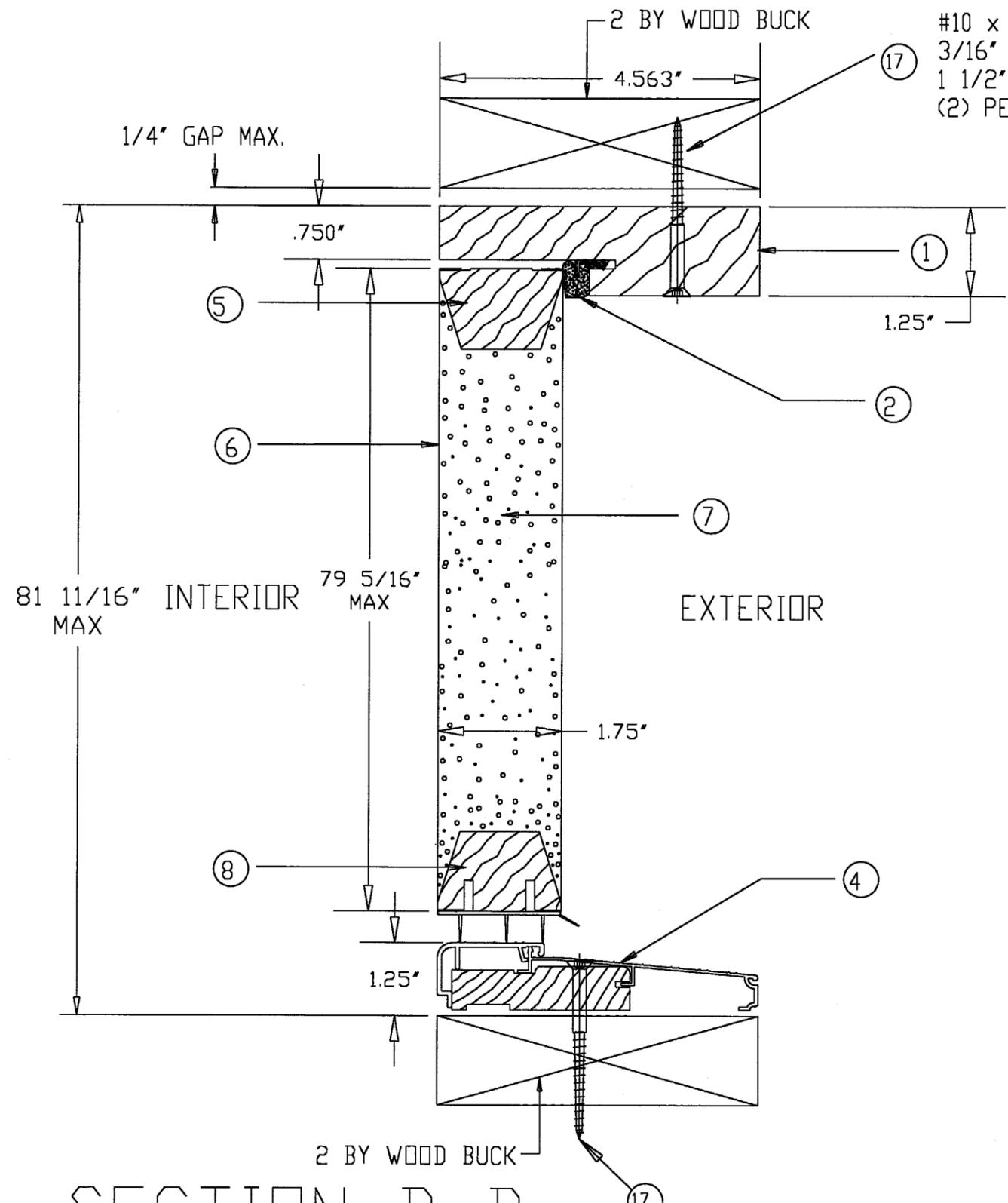
LIMITS: UNLESS NOTED, FRAC. :	DEC :	ANG :	C	DADE COUNTY MODIFICATIONS	8/21/00	JD
EXTRUSIONS: UNLESS NOTED, STD. COMPL. TOL'S.			B	DADE COUNTY MODIFICATIONS	8/3/00	JD
			A	ADD PAGE 4 (DOOR OPTIONS)	9-25-98	RS
DR. BY R.S.	DATE 2-18-97		LTR	REVISIONS	DATE	BY
				PART NAME: CASTLEGATE STEEL EDGE		
				SCALE:		

PREMDOR ENTRY SYSTEMS

911 E. JEFFERSON  
 PITTSBURG, KS. 66762

A  
 31-1015-CA  
 SHEET 1 OF 6

REVISION LETTER C



#10 x 1 1/4" MINIMUM EMBEDMENT OR  
 3/16" PFH TAPCONS WITH  
 1 1/2" MIN. EMBEDMENT (TYP)  
 (2) PER HEAD JAMB

\* UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES. UNLESS UNIT IS INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION.

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
 BY Shag I. Chanda  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0720-11

DESIGN PRESSURE RATINGS (Inswing Doors)		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
Positive	Not Approved *	+76.0 psf
Negative	Not Approved *	-76.0 psf

MATERIALS LIST

ITEM NO.	DESCRIPTION	PART NUMBER	COMMENTS
①	WOOD-HEAD JAMB	CA-11	1 1/4" x 4 9/16" MTL. TO BE WOOD
②	COMPRESSION WEATHERSTRIP	CA-15	LOXSEAL 9650 (BRONZE)
③	WOOD-STRIKE JAMB	CA-13	1 1/4" x 4 9/16" MTL. TO BE WOOD
④	FIXED THRESHOLD	CA-14	1 1/4" x 4 9/16"
⑤	WOOD-TOP RAIL	CA-06	
⑥	STEEL SKIN	26 ga. (.017 +.002 -.000)	MIN. YIELD STRENGTH 25,000 PSI
⑦	POLYURETHANE FOAM CORE	BASF FOAM - DENSITY 2.0 TO 2.5 lbs./ft <sup>3</sup>	
⑧	WOOD-BOTTOM RAIL	CA-05	
⑨	WOOD LOCK BLOCK	CA-07	11/16" x 1 21/32" x 11 7/8"
⑩	LOCK REINFORCEMENT - PLASTIC	CA-08	L.L.D.P.E.
⑪	THERMAL BARRIER - STYRENE	CA-09	WITH 24GA VERTICAL STEEL EDGE
⑫	HINGE REINFORCEMENT PLATE	CA-16	STEEL - 12 GA
⑬	4"x4" HINGE	CA-10	.097 THICK (STEEL)
⑭	WOOD-HINGE JAMB	CA-12	1 1/4" x 4 9/16" MTL. TO BE WOOD
⑮	#10 - 24 x 1/2" F.H.M.S.		(4) SCREWS PER HINGE
⑯	#10 x 2" F.H.W.S.		(2) SCREWS PER HINGE
⑰	#10 F.H.W.S. W/MINIMUM 1 1/4" EMBEDMENT OR 3/16" PFH TAPCONS W/MINIMUM 1 1/2" EMBEDMENT		(5) SCREWS PER JAMB (2) SCREWS PER HEAD JAMB (2) SCREWS PER THRESHOLD
⑱	#10 x 3/4" F.H.W.S.		(2) SCREWS PER HINGE
⑲	#8 x 2" F.H.W.S.		(2) AT EACH STRIKE PLATE
⑳	LOCKSET		KWIKSET BRAND 200 LOCK

81 11/16" INTERIOR MAX

79 5/16" MAX

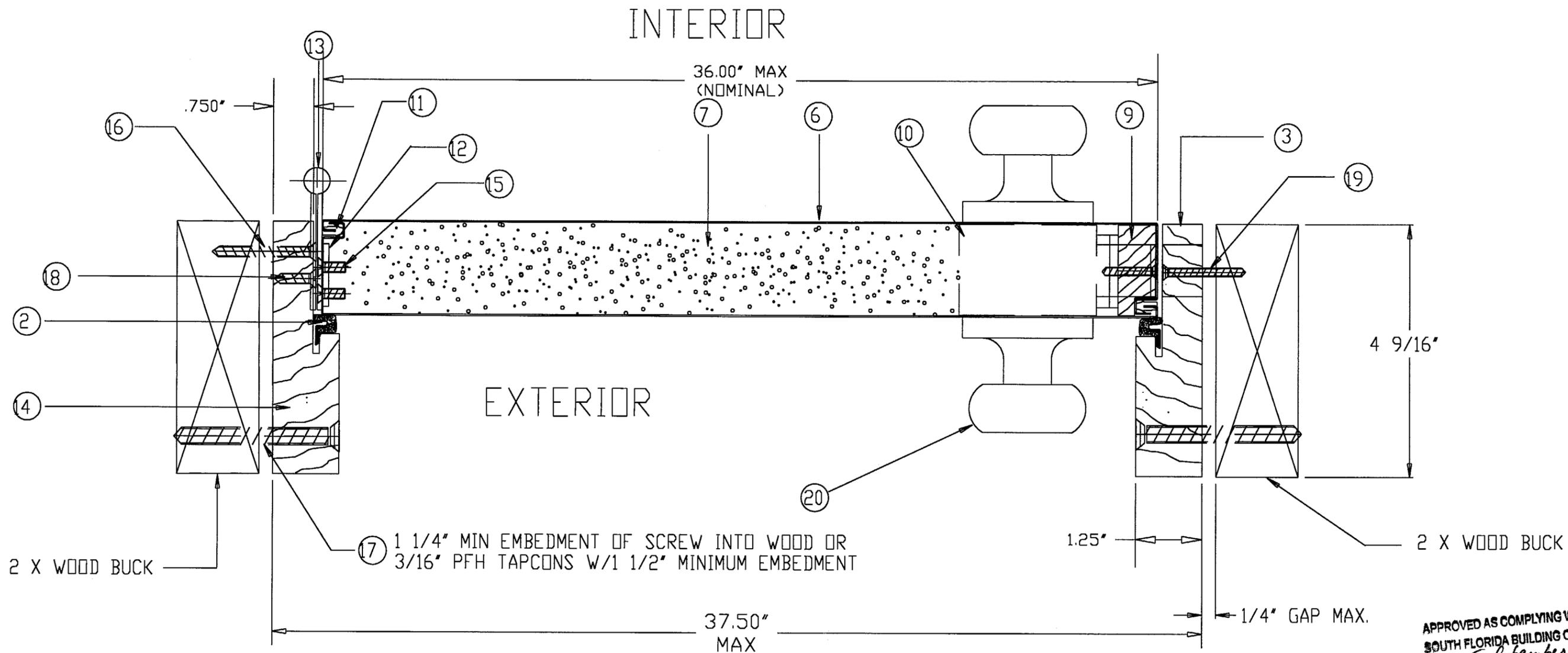
EXTERIOR

SECTION B-B

INSWING

#10 x 1 1/4" MINIMUM EMBEDMENT OR  
 3/16" PFH TAPCONS WITH  
 1 1/2" MIN. EMBEDMENT (TYP)  
 (2) PER HEAD JAMB

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :	C	DADE COUNTY MODIFICATIONS	8/21/00	JD
EXTRUSIONS: UNLESS NOTED, STD. COM'L. TOL'S.	B	DADE COUNTY MODIFICATIONS	8/3/00	JD
	A	ADDED PAGE 4 (DOOR STYLES)	9-25-98	RS
	LTR.	REVISIONS	DATE	BY
DR. BY R.S.	DATE 1-20-97	PART NAME: CASTLEGATE STEEL EDGE		
PREMDOR ENTRY SYSTEMS		SCALE:		
911 E. JEFFERSON		31-1015-CA		
PITTSBURG, KS. 66762		SHEET 2 OF 6		
REVISION LETTER C				

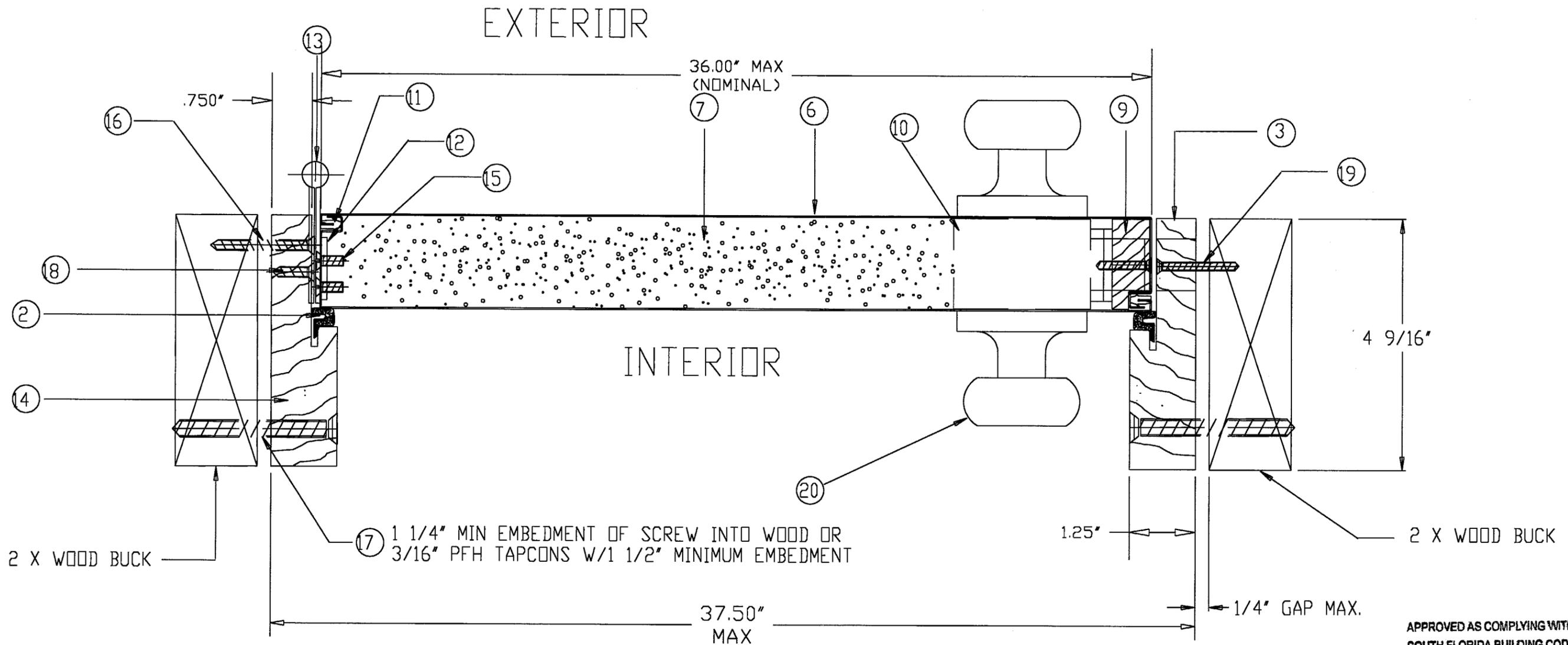


SECTION A-A INSWING

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
 BY Ishaq I. Chaudhry  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0720-11

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :		C	DADE COUNTY MODIFICATIONS	8/21/00	J.D.
EXTRUSIONS: UNLESS NOTED, STD. COM'L. TOL'S.		B	DADE COUNTY MODIFICATIONS	8/3/00	J.D.
		A	ADDED PAGE 4 (DOOR OPTIONS)	9-25-98	RS
		LTR.	REVISIONS	DATE	BY
DR. BY R.S.   DATE 2-20-97		PART NAME: CASTLEGATE STEEL DOOR (A-A)			
PREMDOR ENTRY SYSTEMS		SCALE:			
911 E. JEFFERSON PITTSBURG, KS. 66762		31-1015-CA		SHEET 3 OF 6	
		REVISION LETTER		C	



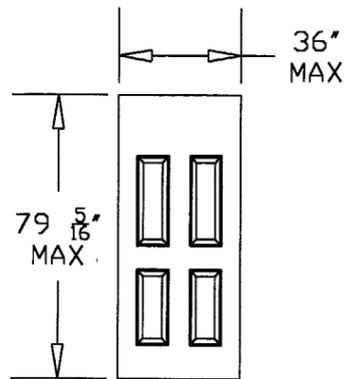


# SECTION A-A OUTSWING

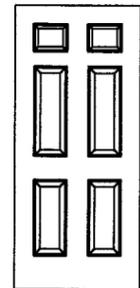
APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE September 14, 2000  
 BY Ishag I. Chaudh  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 00-0720-11

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :		C	DADE COUNTY MODIFICATIONS	8/21/00	J.D.
EXTRUSIONS: UNLESS NOTED, STD. COM'L. TOL'S.		B	DADE COUNTY MODIFICATIONS	8/3/00	J.D.
		A	ADDED PAGE 4 (DOOR OPTIONS)	9-25-98	RS
		LTR.	REVISIONS	DATE	BY
DR. BY R.S.   DATE 2-20-97		PART NAME: CASTLEGATE STEEL DOOR (A-A)			
PREMDOR ENTRY SYSTEMS		SCALE:			
911 E. JEFFERSON PITTSBURG, KS. 66762		31-1015-CA		SHEET 5 OF 6	
				REVISION LETTER C	

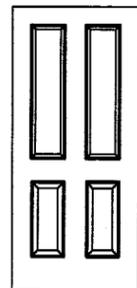
# OTHER DOOR SLAB STYLES (FLUSH/EMBOSSED)



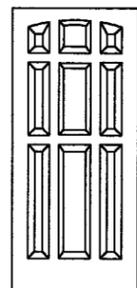
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4-PANEL



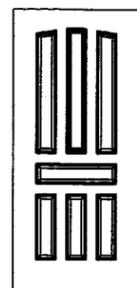
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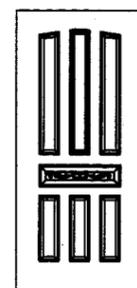
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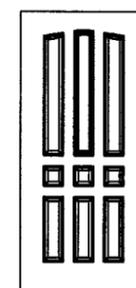
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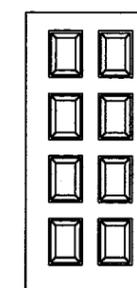
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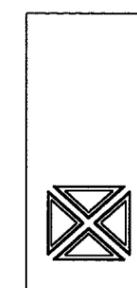
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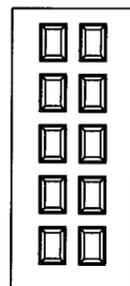
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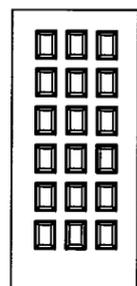
8-PANEL



CROSSBUCK



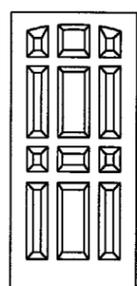
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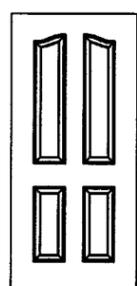
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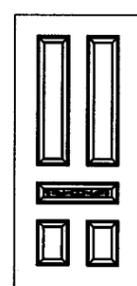
FLUSH



12-PANEL



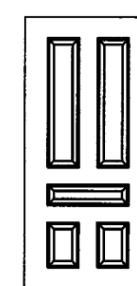
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EYEBROW



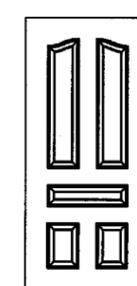
5-PANEL  
W/SCROLL



5-PANEL  
EYEBROW  
W/SCROLL



5-PANEL



5-PANEL  
EYEBROW

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE September 14, 2000  
BY Ishaq I. Lhanda  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. OD-0720-11

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :					
EXTRUSIONS: UNLESS NOTED, STD. COM'L. TOL'S.		A	DADE COUNTY MODIFICATIONS	8/3/00	J.D.
ENGINEER:		LTR.	REVISIONS	DATE	BY
DR. BY R.S.		DATE 9-25-98	PART NAME: CASTLEGATE STEEL EDGE DOOR		
PREMDOR ENTRY SYSTEMS		MAT'L:		SCALE:	
911 E. JEFFERSON		31-1015-CA		SHEET 6 OF 6	
PITTSBURG, KS. 66762				REVISION LETTER	