



**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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**Taylor Building Products Company  
631 N. First Street  
West Branch, MI 48661**

**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: Outswing Residential Insulated Steel Door**

**APPROVAL DOCUMENT:** Drawing No. **TAY-0011**, titled "Taylor Door Insulated Steel Edge Outswsing Door in a Wood Frame", sheets 1 through 5 of 5, prepared by the R.W. Building Consultants, dated 1/27/99 with revision on 2/21/00, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration 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.

This NOA **renews NOA # 99-0209.02** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime Eisen, P.E.**



**NOA No 03-0225.12  
Expiration Date: January 14, 2008  
Approval Date: March 27, 2003  
Page 1**

**Taylor Building Products Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

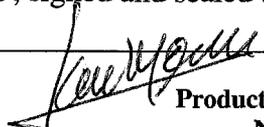
**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **TAY-0011**, titled "Taylor Door Insulated Steel Edge Outswing Door in a Wood Frame", sheets 1 through 5 of 5, prepared by the R.W. Building Consultants, dated 1/27/99 with revision on 2/21/00.

**B. TESTS**

***Submitted under NOA#99-0209.2***

1. Test reports on
  - 1) Air Infiltration Test, per TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
  - 3) Water Resistance Test, per TAS 202-94 (+19.0 psf only)
  - 4) Large Missile Impact Test, FBC TAS 201-94
  - 5) Cyclic Loading Test, per FBC TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with manufacturer's parts and section drawings of a 6<sup>0</sup> x 8<sup>0</sup> pair of outswing "Uni-door" residential insulated steel doors (Dp=+45PSF, -45PSF), marked up by National Certified Testing Laboratories, Test Report No. **NCTL -210-2076-4,5,6** dated 11-16-98, revised on 11/10/99, signed and sealed by Barry Portnoy, P. E.
2. Test reports on
  - 1) Air Infiltration Test, per TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
  - 3) Water Resistance Test, per TAS 202-94 (+19.0 psf only)
  - 4) Large Missile Impact Test, FBC TAS 201-94
  - 5) Cyclic Loading Test, per FBC TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with manufacturer's parts and section drawings of a 6<sup>0</sup> x 6<sup>8</sup> pair of outswing "Economy" residential insulated steel doors (Dp=+55PSF, -55PSF), marked up by National Certified Testing Laboratories, Test Report No. **NCTL -210-2076-10,11,12** dated 11-16-98, revised on 10/29/99, signed and sealed by Barry Portnoy, P. E.
3. Test reports on
  - 1) Air Infiltration Test, per TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
  - 3) Water Resistance Test, per TAS 202-94 (+19.0 psf only)
  - 4) Large Missile Impact Test, FBC TAS 201-94
  - 5) Cyclic Loading Test, per FBC TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with manufacturer's parts and section drawings of a 3<sup>0</sup> x 6<sup>8</sup> single outswing "Economy" residential insulated steel door (Dp=+80PSF, -80PSF), marked up by National Certified Testing Laboratories, Test Report No. **NCTL-210-2076-16,17,18** dated 11-16-98, revised on 11/10/99, signed and sealed by Barry Portnoy, P. E.



Jaime Eisen, P.E.  
Product Control Examiner  
NOA No 03-0225.12

Expiration Date: January 14, 2008  
Approval Date: March 27, 2003

**Taylor Building Products Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**C. CALCULATIONS**

*Submitted under NOA#99-0209.02*

1. Anchor Calculations and structural analysis dated January 27, 1999, revised on June 7, 1999, prepared, signed and sealed by Manuel Martinez, P.E.

**D. MATERIAL CERTIFICATIONS**

*Submitted under NOA#99-0209.02*

1. Tensile Test report No. MTS Job No. 520094, dated November 30, 1998, issued by Celotex Corporation Testing services, for steel samples (Specimen 1 thru 18) tested per ASTM E8-93 (a), signed and sealed by R. G. Miller, P.E.
2. Test reports No. 651-0454 for "Std. Method of Fire test of Door assemblies" per ASTM E-152-81a, dated March 19, 1993, for polyurethane cores, issued by Inchcape Testing Services "Warnock Hersey".

**E. STATEMENTS**

1. Statement letter of no change, issued by Taylor Building Products, Inc., signed by John Swanick, dated 2/3/03.

**F. OTHER**

1. Notice of Acceptance No. **99-0209.02** Taylor Building Products Company, for their Outswing Residential Insulated Steel Door, approved on 1/14/00 and expiring on 1/14/03.



Jaime Eisen, P.E.  
Product Control Examiner  
NOA No 03-0225.12

Expiration Date: January 14, 2008  
Approval Date: March 27, 2003

# TAYLOR DOOR

OUTSWING 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. THIS PRODUCT MEETS IMPACT RESISTANCE CRITERIA.
5. DESIGNED PRESSURE RATING SHALL BE AS FOLLOWS:  
-SEE DESIGN PRESSURE RATING TABLE SHEET ONE.
6. THIS SYSTEM DOES MEET THE WATER REQUIREMENTS IN MIAMI-DADE COUNTY.

### RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions)

#### Door Leaf Construction:

##### Face sheets:

24 ga. (0.021") minimum thickness,  
26 ga. (0.018") minimum thickness,  
Galvanized steel A-525 commercial quality - AKDQ  
per ASTM 620 with yield strength  $F_y(ave.) =$

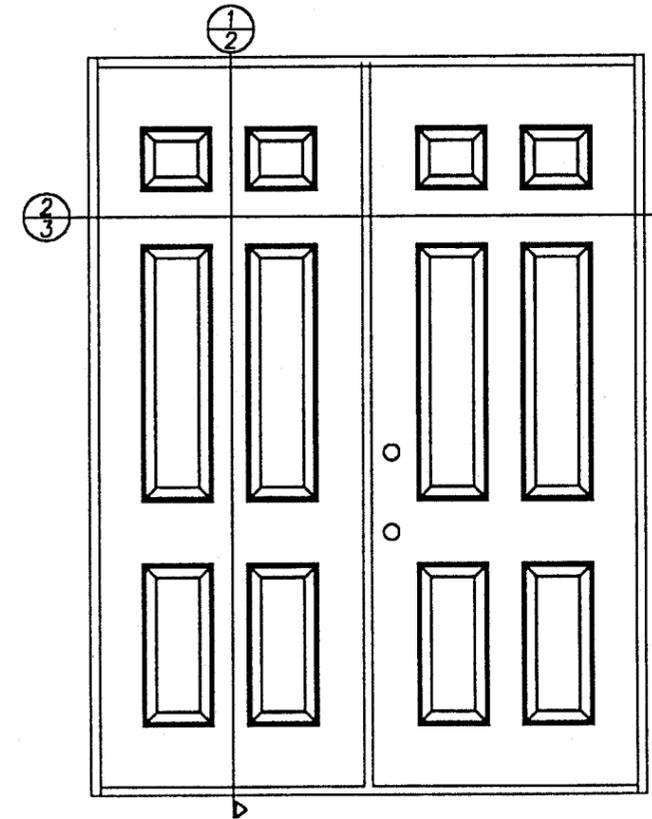
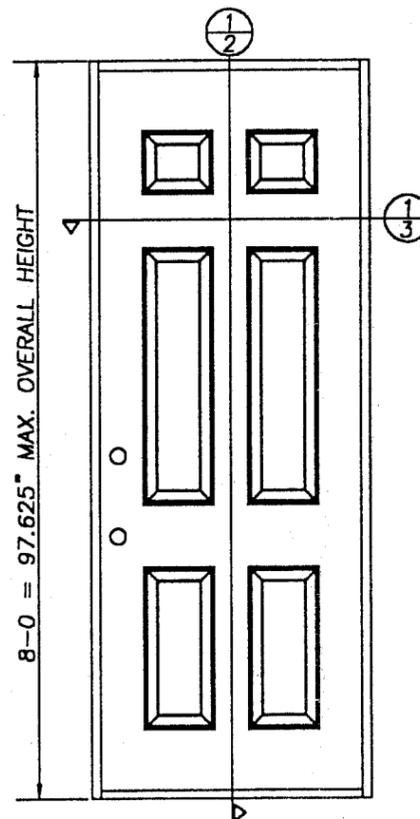
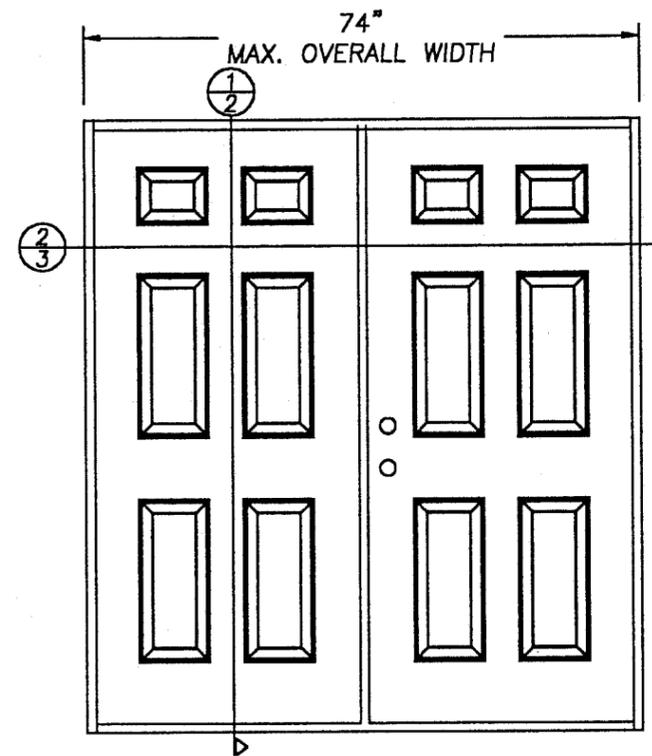
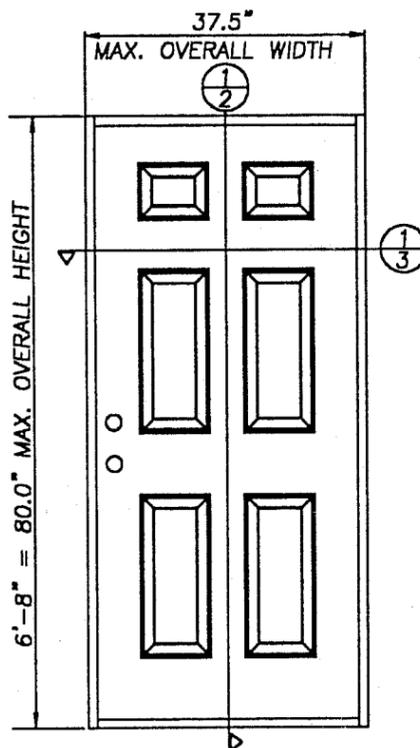
MINIMUM = 10,037.25 PSI (SEE CHART SHEET 2)  
**Core design:** Polyurethane core, two-parts Isopolyurethane  
Baytherm 860 Rigid Foam, with 2.15 lbs. density.  
(Bayer Corp.).

**Construction:** Flush or embossed type. The vertical  
edges are extensions of the skin, rolled formed to  
a mechanical interlock.

**Frame Construction:** Finger jointed Ponderosa Pine  
See sheet 4 of 5.

### DESIGN PRESSURE RATING

WHERE WATER INFILTRATION REQUIREMENT IS NEEDED		
DOOR MODEL	POSITIVE	NEGATIVE
UNI-DOOR SINGLE & DOUBLE, 8-0	+ 45.0 PSF	- 45.0 PSF
ECONOMY, SIMPLICITY ROYAL, DURADOR 6-8 DOUBLE	+ 55.0 PSF	- 55.0 PSF
ECONOMY, SIMPLICITY ROYAL, DURADOR 6-8 SINGLE	+ 80.0 PSF	- 80.0 PSF



### TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATION)
2	VERTICAL CROSS SECTION & BILL OF MATERIAL
3	HOIZONTAL CROSS SECTIONS
4	ANCHORING LOCATIONS (6-8 SINGLE & DOUBLE)
5	ANCHORING LOCATIONS (8-0 SINGLE & DOUBLE)

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 03-0225.12  
Expiration Date 01/14/08  
By [Signature]  
Miami Dade Product Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE February 14, 2000  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-0209.02

**TAYLOR BUILDING PRODUCTS**  
631 NORTH FIRST STREET  
WEST BRANCH, MI 48661  
PH. 517.345.5110  
FAX. 517.345.5116

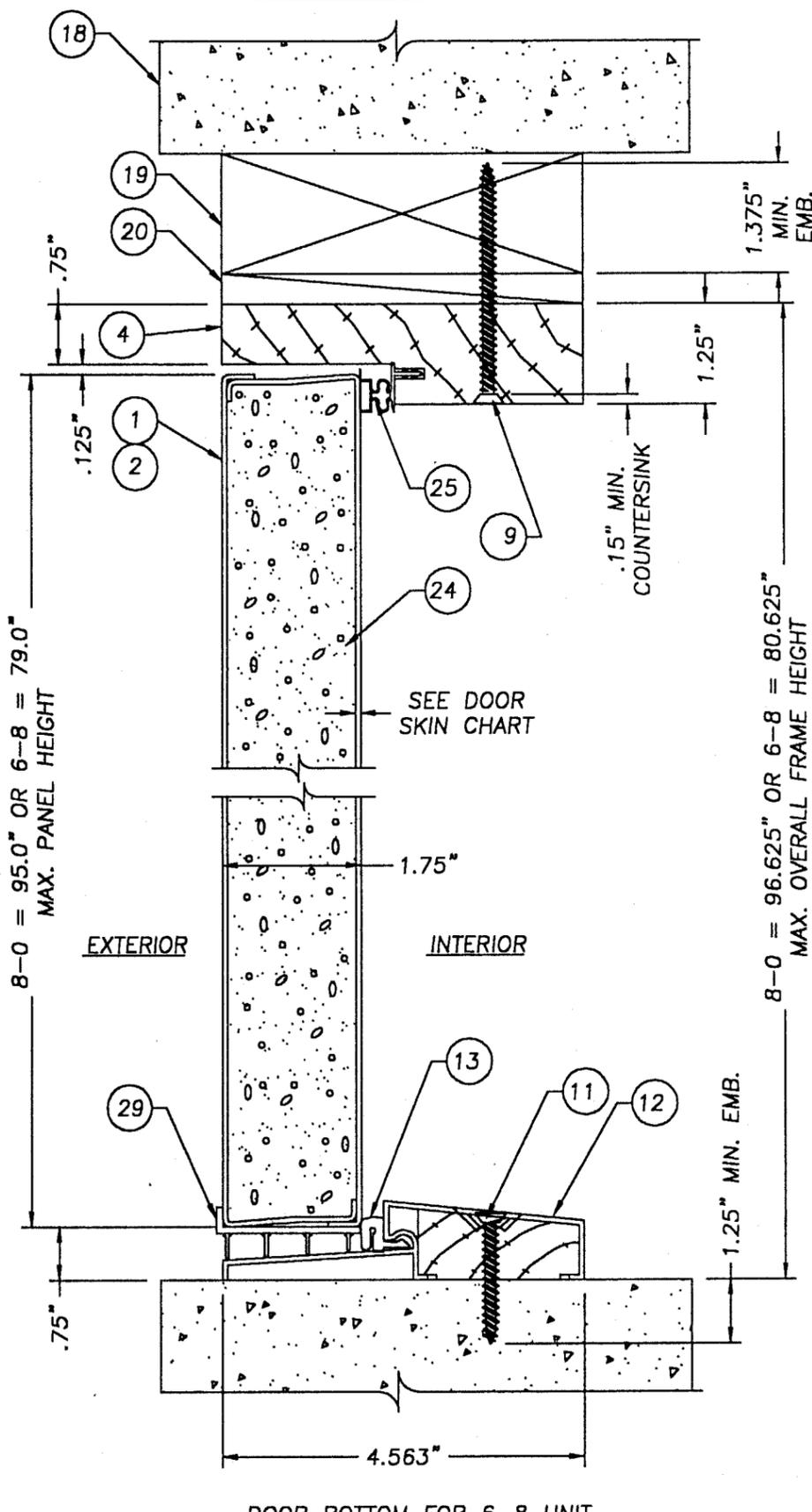
PRODUCT:  
TAYLOR DOOR INSULATED  
STEEL EDGE OUTSWING  
DOOR IN A WOOD FRAME

PART OR ASSEMBLY:  
ELEVATIONS &  
GENERAL NOTES

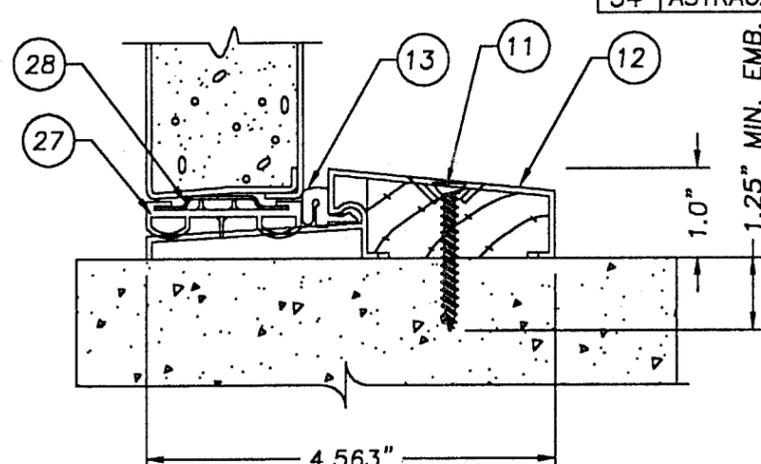
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		TH	BY
2	2/21/00	GENERAL REVISION	
1	1/27/00	CORRECTED FORMAT	

**RW** BUILDING  
CONSULTANTS, INC.  
813.684.3831

DATE: 1/27/99  
SCALE: N.T.S.  
DWG. BY: TH  
CHK. BY: RW  
DRAWING NO.:  
TAY-0011  
SHEET 1 of 5



DOOR BOTTOM FOR 6-8 UNIT



DOOR BOTTOM FOR 8-0 UNIT

1 VERTICAL CROSS-SECTION  
2

Item	DESCRIPTION	Material
1	8-0 - 24GA. .021" MINIMUM THICKNESS	STEEL
2	6-8 - 26GA. .018" MINIMUM THICKNESS	STEEL
3	#9 X 1/2" TYPE AB SCREW (HINGE TO DOOR)	STEEL
4	4 9/16" HEADER	WOOD
5	4 9/16" LATCH JAMB	WOOD
6	4 9/16" HINGE JAMB	WOOD
7	NON-REMOVABLE PIN HINGE 4" x 4" HINGE .097" THK.	STEEL
8	#9 x 5/8" lg. (Hinge to Frame)	STEEL
9	#10 PFH WOOD SCREW	STEEL
10	#8 x 2 1/2" LG. WOOD SCREW	STEEL
11	3/16" RAWL TAPPER TAPCON	STEEL
12	BUMP FACE OUTSWING THRESHOLD	ALUMINUM
13	COMPRESSION WEATHERSTRIP	
14	NOT USED	
15	#10 WOOD SCREW X 2" LG.	STEEL
16	KWIKSET TITAN 720 SERIES PASSAGE	
17	KWIKSET 780 SERIES DEADBOLT	
18	MASONRY WALL	
19	2x MATERIAL (BUCK)	WOOD
20	MAX. 1/4" SHIM MATERIAL	
21	ASTRAGAL (IMPERIAL PRODUCTS)	ALUMINUM
22	ASTRAGAL GUARD (IMPERIAL PRODUCTS)	ALUMINUM
23	#12 x 1/2" LG. PANHEAD SHEET METAL SCREW 14 ON 8-0 MODELS & 12 ON 6-8 MODELS	STEEL
24	POLYURETHANE FOAM CORE	FOAM
25	MAGNETIC WEATHERSRIP	VINYL
26	LOCK BLOCK (ALL MODELS)	WOOD
27	DOOR SWEEP (8-0 DOOR)	VINYL
28	DOOR SWEEP RETAINER (8-0 DOOR) ATTACHED TO DOOR BOTTOM W/(5) #6 x 5/8" SMS	STEEL VINYL
29	DOOR SWEEP (6-8 DOOR) ATTACHED TO DOOR BOTTOM W/(5) #6 x 5/8" SMS	
30	DOOR HINGE PLATE (8-0 DOORS) (12GA.)	STEEL
31	DOOR HINGE PLATE (6-8 DOORS) (20GA.)	STEEL
32	OPTIONAL COMPOSITE LOCK BLOCK (FOR USE ON 6'8 MODELS ONLY)	POLYPROPYLENE
33	FLUSH BOLT (TOP & BOTTOM OF ASTRAGAL)	STEEL THROW
34	ASTRAGAL FLUSH BOLT REINFORCEMENT	ALUMINUM

DOOR TYPE	GA. & MIN. THK.	MIN. YIELD STRENGTH
UNI-DOOR	24GA. .021" MIN.	10,037.25 PSI
ECONOMY	26GA. .018" MIN.	10,209.79 PSI
SIMPLICITY	26GA. .018" MIN.	10,209.79 PSI
ROYAL	26GA. .018" MIN.	10,209.79 PSI
DURADOR	26GA. .018" MIN.	10,209.79 PSI

TAYLOR BUILDING PRODUCTS  
631 NORTH FIRST STREET  
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FAX. 517.345.5116

PRODUCT: TAYLOR DOOR INSULATED  
STEEL EDGE OUTSWING  
DOOR IN A WOOD FRAME  
PART OR ASSEMBLY:  
VERTICAL CROSS SECTION  
& BILL OF MATERIALS

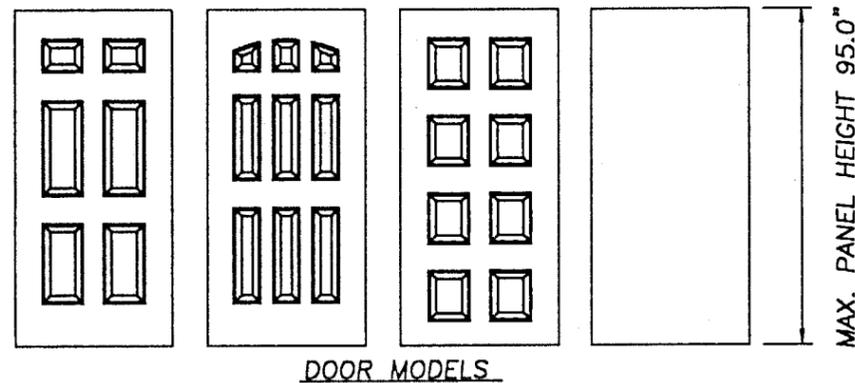
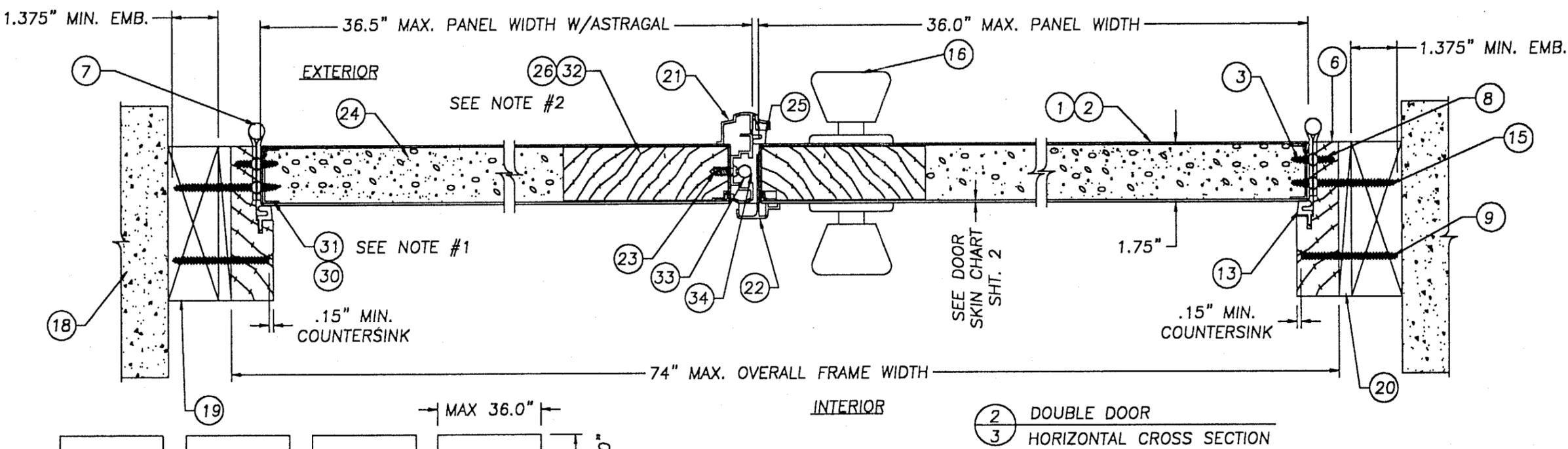
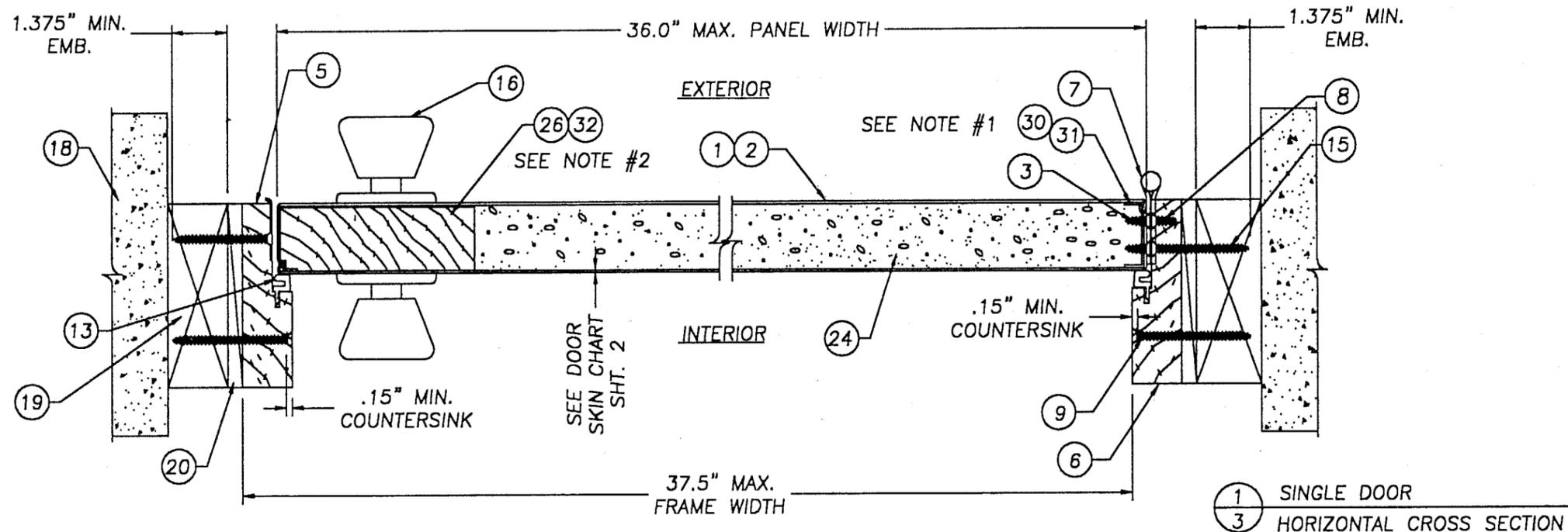
NO.	DATE	GENERAL REVISION	CORRECTED FORMAT	TH	BY	REVISIONS
2	2/21/00					
1	1/27/00					

RW BUILDING  
CONSULTANTS, INC.  
813.884.3831

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 03-0225.12  
Expiration Date 01/14/08  
By *J. M. M...*  
Miami Dade Building Control  
Division

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE February 14, 2000  
BY *M...*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-0209.02

DATE: 1/27/99  
SCALE: N.T.S.  
DWG. BY: TH  
CHK. BY: RW  
DRAWING NO.: TAY-0011  
SHEET 2 OF 5



- NOTES:**
1. ADJUSTABLE HINGE USED ON UNI-DOOR  
STANDARD HINGE ALL OTHER MODELS
  2. OPTIONAL COMPOSITE WOOD FIBER/  
POLYPROPYLENE LOCK BLOCK
  3. 8'0 MODELS AVAILABLE IN THE UNI-DOOR  
SERIES ONLY.  
(SIX PANEL, TEN PANEL & FLUSH)

**PRODUCT RENEWED**  
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Acceptance No. **03-0225.12**  
Expiration Date **01/14/08**

By *[Signature]*  
Miami Building Product Control  
Division

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DATE *February 14, 2000*  
BY *[Signature]*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. **99-0209.02**

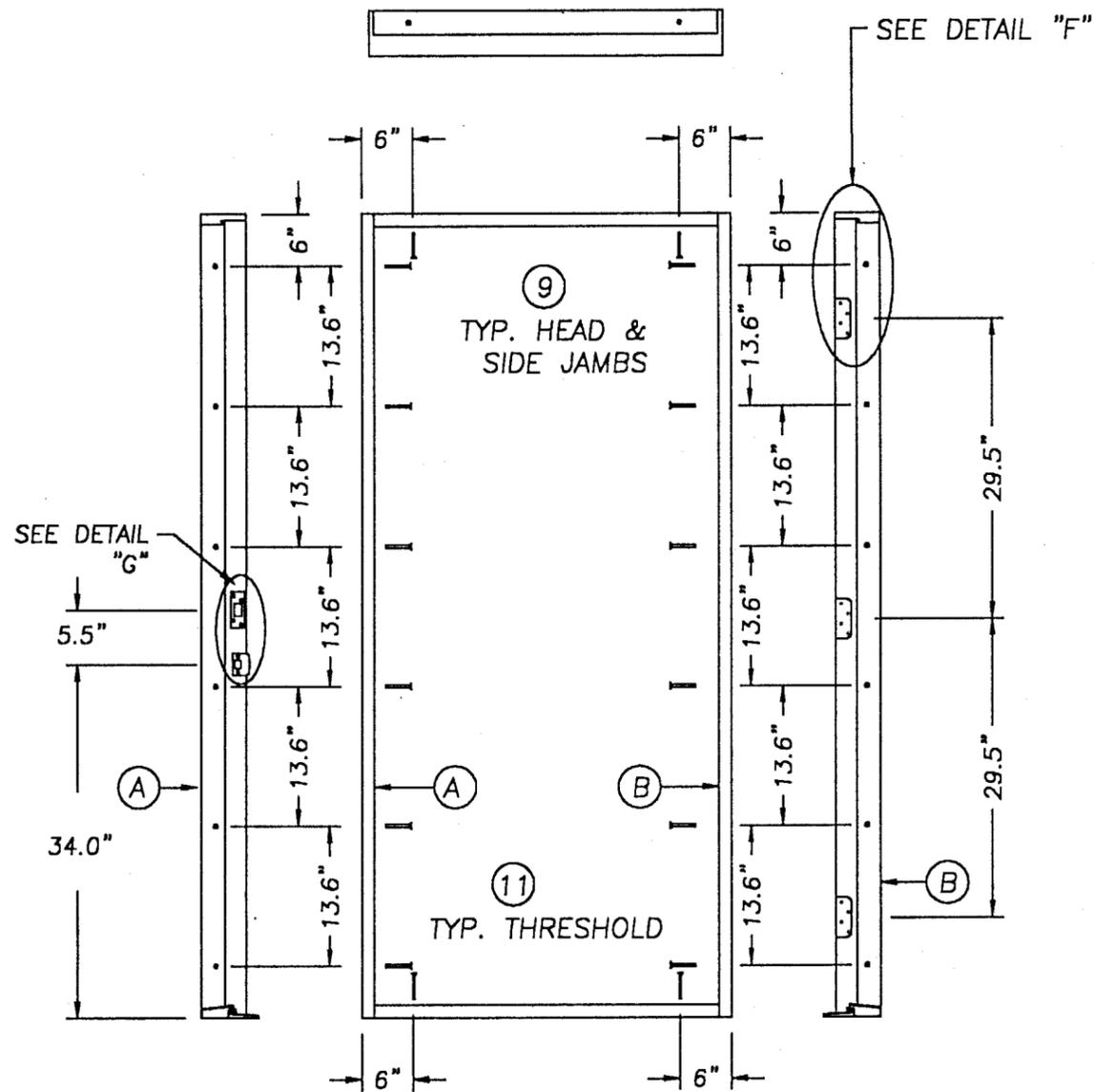
DATE:	1/27/99
SCALE:	N.T.S.
DWG. BY:	TH
CHK. BY:	RW
DRAWING NO.:	TAY-0011
SHEET	3 OF 5

**TAYLOR BUILDING PRODUCTS**  
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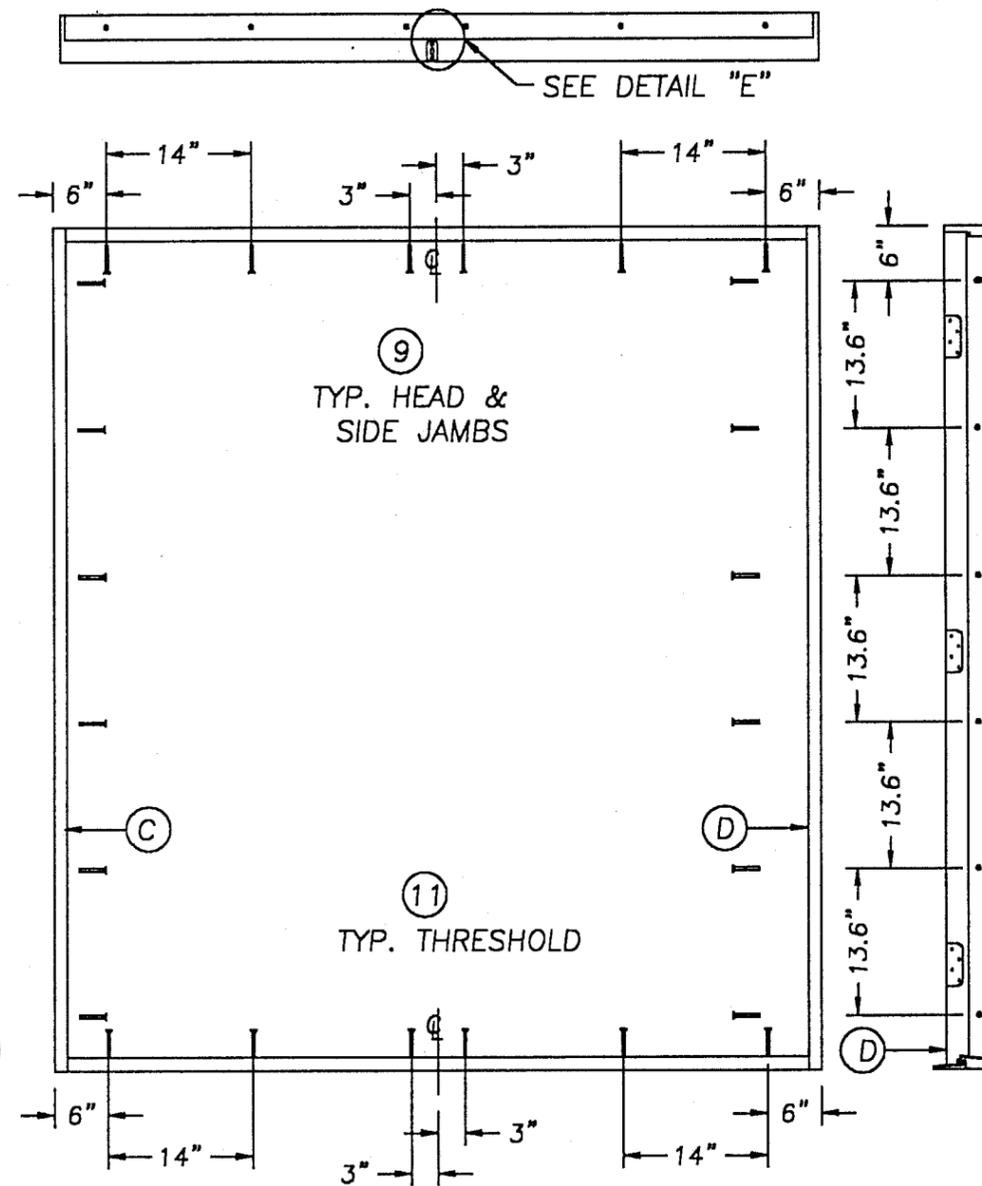
PRODUCT:  
TAYLOR DOOR INSULATED  
STEEL EDGE OUTSWING  
DOOR IN A WOOD FRAME  
PART OR ASSEMBLY:  
HORIZONTAL CROSS SECTIONS  
& DOOR MODELS

NO.	DATE	REVISIONS	BY
2	2/21/00	GENERAL REVISION	TH
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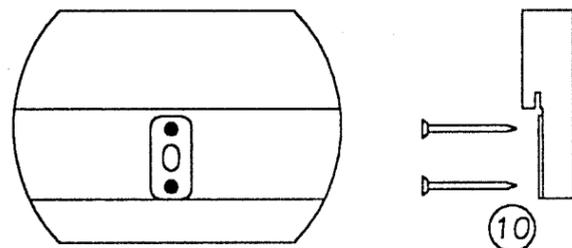
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813.684.3831



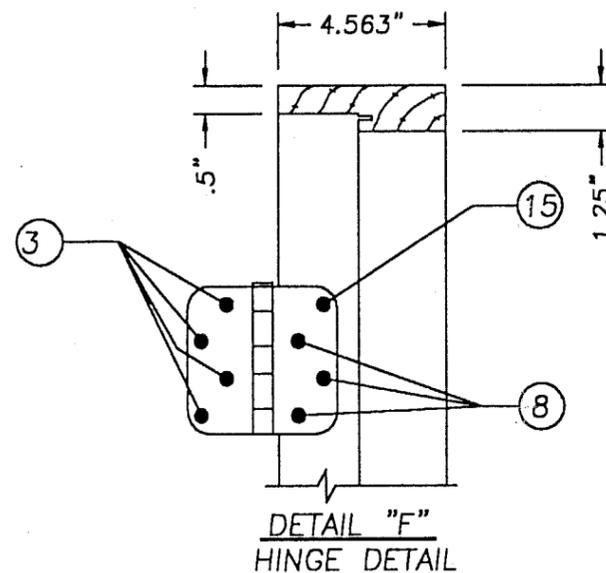
6-8 SINGLE DOOR ANCHORING LAYOUT



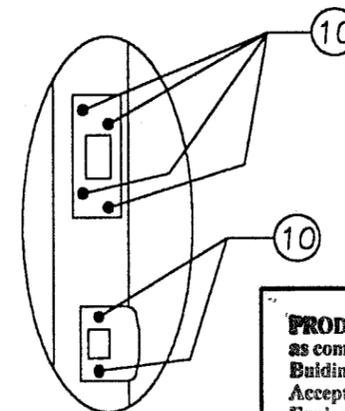
6-8 DOUBLE DOOR ANCHORING LAYOUT



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



DETAIL "F"  
HINGE DETAIL



DETAIL "G"  
PLATE DETAIL

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PRODUCT: TAILOR DOOR INSULATED  
STEEL EDGE OUTSWING  
DOOR IN A WOOD FRAME  
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6-8 SINGLE & DOUBLE  
ANCHORING LAYOUT

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Miami Building Product Control  
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APPROVED AS COMPLYING WITH THE  
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DATE February 19, 2000  
BY: [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 99-0609.02

DATE: 1/27/99  
SCALE: N.T.S.  
DWG. BY: TH  
CHK. BY: RW  
DRAWING NO.: TAY-0011  
SHEET 4 OF 5

