



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

Craftsmen In Wood Manufacturing
5441 West Hadley Street
Phoenix, AZ 85043

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section 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 Section (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. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: 9'0" Series Single Outswing Opaque Doors-L.M.I.

APPROVAL DOCUMENT: Drawing No. 11-229 (Rev # 10-097), titled "Single Out-Swinging Wood Entrance Doors" Sheets 1 through 10 of 10, dated 12/08/12, prepared by Tiltco Inc., signed and sealed by Walter A. Tilit, Jr., P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

Limitation: 1. Max. Positive exterior Design Pressure water rating must not exceed +66.0 Psf.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 revises NOA # 10-1108.02 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

5/30/12



NOA No 12-0308.42
Expiration Date: December 08, 2015
Approval Date: June 07, 2012

Craftsmen In Wood Manufacturing

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (transferred from file # **10-1108.02**)
2. Drawing No. **11-229 (Rev # 10-097)**, titled "Single Out-Swinging Wood Entrance Doors" Sheets 1 through 10 of 10, dated 12/08/12, prepared by Tilteco Inc., signed and sealed by Walter A. Tillit Jr., P.E.

Note: This revision consists of FBC 2010 notes only.

B. TESTS (Submitted under # **10-1108.02/ 07-0727.05/05-0906.03)**

- 1) Air Infiltration Test, per FBC, TAS 202-94
- 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94.
- 3) Water Resistance Test, per FBC, TAS 202-94.
- 4) Large Missile Impact Test per FBC, TAS 201-94
- 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

Along with the manufacturers' parts drawings, installation diagram and marked-up drawings of a outswing wood door prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4543** and Test Report No. **FTL-4542** per TAS 201/203-94, both dated 05/05/05 dated 05/05/05, both signed and sealed by Edmundo J. Largaespada, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, w/ 2005, 2006 & 2007 Supplements, prepared by Tilteco Inc., dated 02/06/08, signed and sealed by Walter A. Tilit, Jr., P.E. (submitted under file # **10-1108.02/ 07-0727.05**).

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

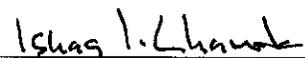
1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2010, dated 01-16-12, prepared by Tilteco Inc., signed and sealed by Walter A. Tillit Jr., P. E.
2. Statement letter of conformance 2007 dated 11/05/10, signed and sealed by Walter A. Tillit Jr., P. E. (submitted under file # **10-1108.02**).
3. Statement letter of no financial interest, dated August 16, 2005, signed and sealed by Walter A. Tilit, Jr., P.E. (transferred from file # **05-0906.03**)
4. Lab compliance as part of the above referenced test report.

G. OTHER

1. This NOA **revises** NOA # **10-1108.02**, expiring on 12/08/15.
2. Test proposal # **04-0500** dated 12/08/04, approved by BCCO.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 12-0308.42
Expiration Date: December 08, 2015
Approval Date: June 07, 2012

GENERAL NOTES AND SPECIFICATIONS: DOORS MODELS 1, 2 & 3

1. DOORS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2007 & 2010 EDITIONS OF THE FLORIDA BUILDING CODE. FENESTRATIONS MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (MIAMI-DADE/BROWARD COUNTIES).

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODES, USING ASCE 7-05 STANDARD FOR INSTALLATIONS UNDER 2007 FBC & ASCE 7-10 FOR INSTALLATIONS UNDER 2010 FBC AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW. IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-10 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW.

IN ORDER TO VERIFY THAT ANCHORS ON THIS P.A.D., AS TESTED, WERE **NOT** OVER STRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS **NOT** USED IN THEIR ANALYSIS. THESE DOORS'S ADEQUACY FOR IMPACT AND CYCLIC RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODES AS PER TAS-201, TAS-202 & TAS-203, AS PER LAB REPORTS No. 4542 & 4543 AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTION 1612 OF THE FLORIDA BUILDING CODE.

2. MAXIMUM A.S.D. DESIGN PRESSURE RATING +66.0 psf. --66.0 psf.

3. THESE DOORS ARE APPROVED FOR AIR/WATER INFILTRATION.

4. ALL WOOD PROFILES SHALL BE AS PER BILL OF MATERIALS ON SHEET 5.

5. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST HAVE A MINIMUM SPECIFIC GRAVITY (G) OF 0.55. WOOD BUCKS MUST SUSTAIN LOADS IMPOSED BY FENESTRATIONS AND TRANSFER THEM TO THE BUILDING STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.

6. ALL FRAME MEMBERS SHALL BE ANCHORED TO EXISTING STRUCTURE FOLLOWING SPECS INDICATED ON SHEETS 2 & 3 AS APPLICABLE.

7. THESE DOORS WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

8. REMAINING COMPONENTS FOR THESE FENESTRATIONS SYSTEMS SHALL BE AS INDICATED ON BILL OF MATERIALS, SHEET 5 OF THIS DRAWING.

9. DOORS'S MANUFACTURER LABEL SHALL BE PLACED ON A READILY VISIBLE LOCATION. ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABEL SHALL READ AS FOLLOWS:

Craftsmen In Wood, Mfg.
PHOENIX, AZ.
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

10. DOORS INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

11. ALL DOORS COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING SHALL BE SEAL/CAULK TO PREVENT WIND/RAIN INTRUSION. CAULK AND SEAL ALL AROUND FULL LENGTH.

12. (a) THIS P.A.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; I.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.

(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.A.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS P.A.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.A.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW IN ADDITION TO A MANDATORY SUBMITTAL TO MIAMI DADE COUNTY BUILDING CODE COMPLIANCE OFFICE FOR EITHER A PRODUCT APPROVAL REVISION OR A ONE TIME APPROVAL.

(e) ORIGINAL P.A.D. SHALL BEAR THE DATE, SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

GENERAL NOTES AND SPECIFICATIONS: DOORS MODELS 4, 5 & 6

1. DOORS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2007 & 2010 EDITIONS OF THE FLORIDA BUILDING CODE. FENESTRATIONS MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (MIAMI-DADE/BROWARD COUNTIES).

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THESE DOORS'S ADEQUACY FOR IMPACT AND CYCLIC RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODES AS PER TAS-201, TAS-202 & TAS-203, AS PER LAB REPORTS No. 4542 & 4543 AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTION 1612 OF THE FLORIDA BUILDING CODE.

2. MAXIMUM A.S.D. DESIGN PRESSURE RATING +66.0 psf. --66.0 psf.

3. THESE DOORS ARE APPROVED FOR AIR/WATER INFILTRATION.

4. ALL WOOD PROFILES SHALL BE AS PER BILL OF MATERIALS ON SHEET 9.

5. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST HAVE A MINIMUM SPECIFIC GRAVITY (G) OF 0.55. WOOD BUCKS MUST SUSTAIN LOADS IMPOSED BY FENESTRATIONS AND TRANSFER THEM TO THE BUILDING STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.

6. ALL FRAME MEMBERS SHALL BE ANCHORED TO EXISTING STRUCTURE FOLLOWING SPECS INDICATED ON SHEETS 6 & 7 AS APPLICABLE.

7. THESE DOORS WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

8. REMAINING COMPONENTS FOR THESE FENESTRATIONS SYSTEMS SHALL BE AS INDICATED ON BILL OF MATERIALS, SHEET 9 OF THIS DRAWING.

9. DOORS'S MANUFACTURER LABEL SHALL BE PLACED ON A READILY VISIBLE LOCATION. ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABEL SHALL READ AS FOLLOWS:

Craftsmen In Wood, Mfg.
PHOENIX, AZ.
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

10. DOORS INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

11. ALL DOORS COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING SHALL BE SEAL/CAULK TO PREVENT WIND/RAIN INTRUSION. CAULK AND SEAL ALL AROUND FULL LENGTH.

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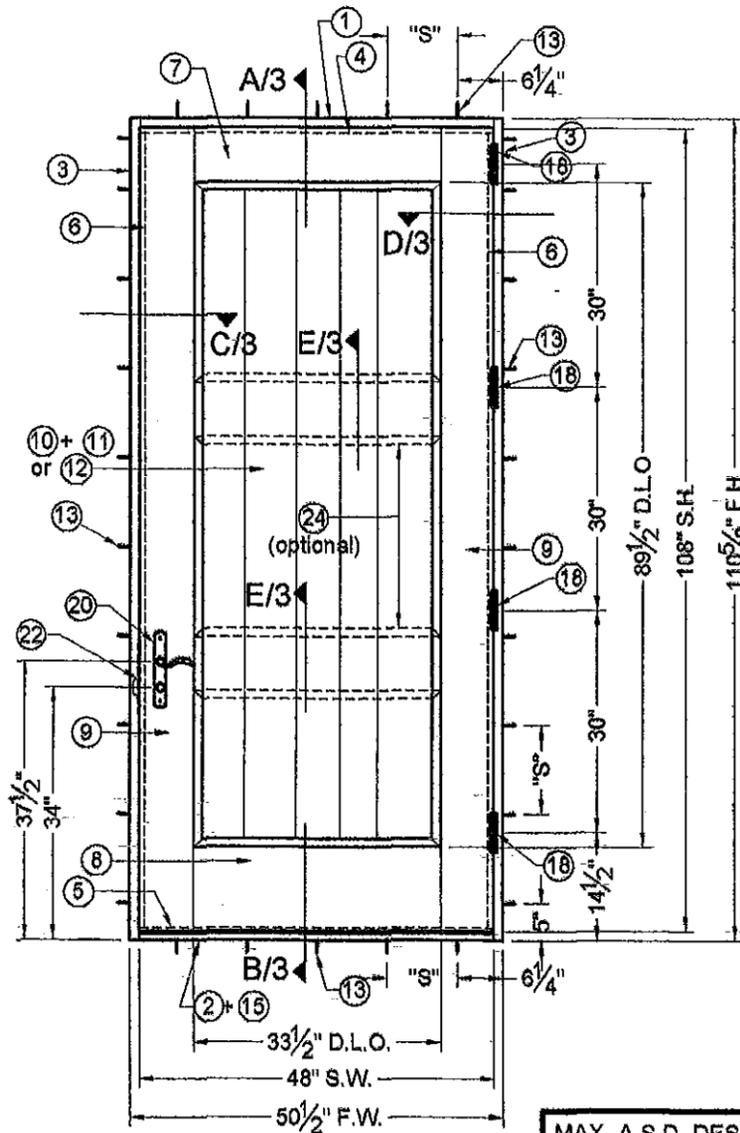
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(c) THIS P.A.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

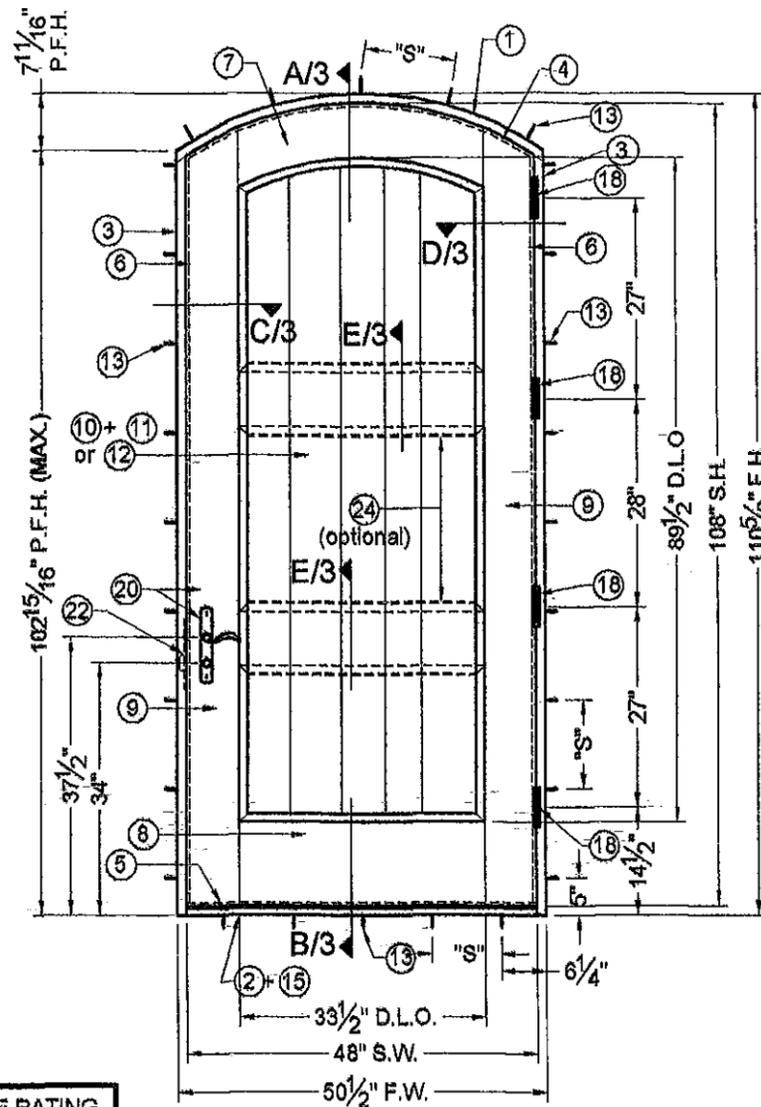
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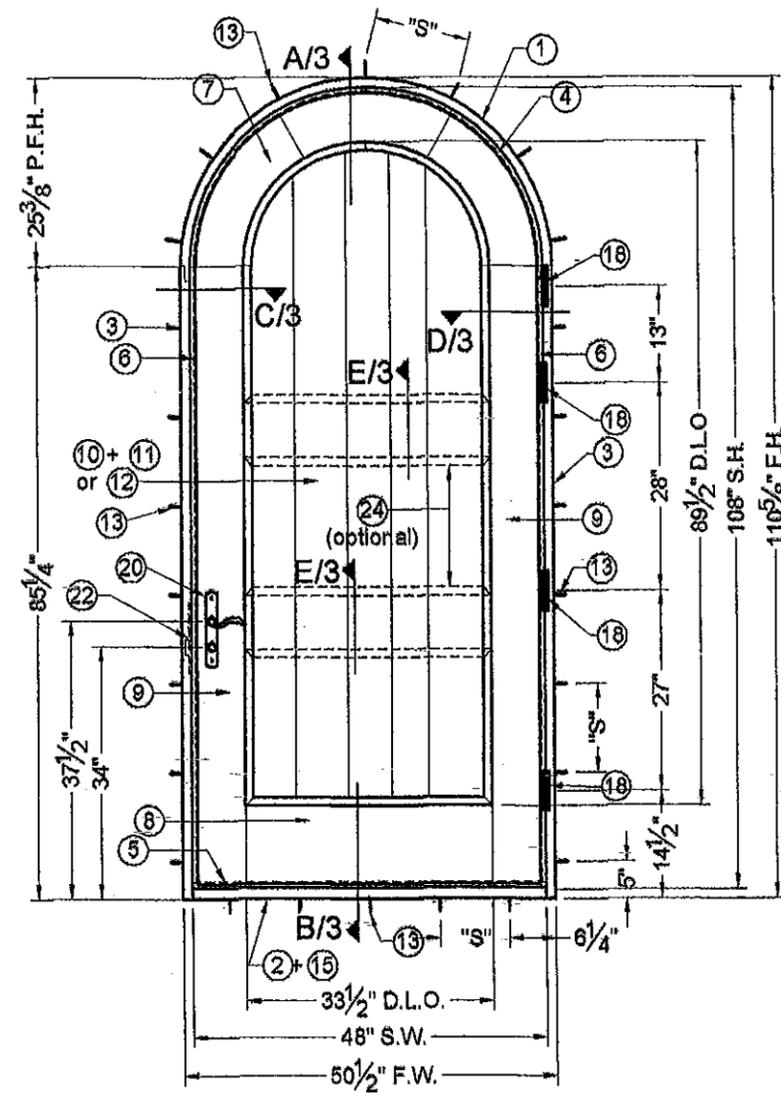
<p>PRODUCT REVISED in compliance with the Florida Building Code Acceptance No. 12-0308-42 Expiration Date: Dec 08, 2015 <i>Walter A. Tillit Jr.</i> Miami Dade Product Control</p>		<p>WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER P.E. SEAL/SIGNATURE/DATE</p>	<p>FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)</p>																					
<p>MIAMI-DADE COUNTY</p>			<p>©2011 TILTECO, INC.</p> <p>TILLIT TESTING & ENGINEERING COMPANY 6388 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33168 Phone: (305)871-1530 Fax: (305)871-1531 e-mail: tilliteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167</p>	<p>Craftsmen In Wood, Mfg. 5441 West Hadley St., Phoenix, AZ 85043 Phone: (602) 286-1030 Fax: (602) 286-1032</p>	<p>Drawn By: Jeff Helle/J.A.S./ M.C.V./A.G.</p>																			
		<p>SINGLE OUT-SWINGING WOOD ENTRANCE DOORS</p> <table border="1"> <thead> <tr> <th>Rev. No</th> <th>Description</th> <th>Date</th> <th>By</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OLD 10-097</td> <td>12/07/11</td> <td>--</td> </tr> <tr> <td>2</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>3</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>4</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>		Rev. No	Description	Date	By	1	OLD 10-097	12/07/11	--	2	--	--	--	3	--	--	--	4	--	--	--	<p>12/07/11 DATE</p> <p>11-229 DRAWING No</p> <p>SHEET 1 OF 10</p>
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1	OLD 10-097	12/07/11	--																					
2	--	--	--																					
3	--	--	--																					
4	--	--	--																					



REGULAR DOOR MODEL 1
(X)



EYEBROW DOOR MODEL 2
(X)



ARCH DOOR MODEL 3
(X)

MAX. A.S.D. DESIGN PRESSURE RATING	
POSITIVE	66.0 psf
NEGATIVE	66.0 psf
WATER TEST PRESSURE	11.3 psf

EXTERIOR ELEVATIONS
DOORS W/ FRAME HEIGHT LARGER
THAN 86" UP TO 110 5/8"

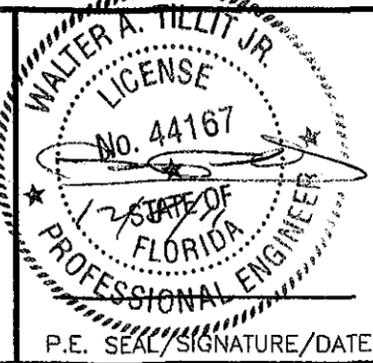
PRODUCT REVIEW
in accordance with the Florida Building Code
Assessment No. 12-0308-42
Expiration Date 12/8/15
Walter A. Tillit Jr.
Miami Desk Product Control

- PREFIX LEGEND:**
- F.W. : MAX. FRAME WIDTH
 - F.H. : MAX. FRAME HEIGHT
 - S.W. : MAX. SASH WIDTH
 - S.H. : MAX. SASH HEIGHT
 - D.L.O. : MAX. DAYLIGHT OPENING
 - P.F.H. : MAX. PARTIAL FRAME HEIGHT

ANCHOR TYPE 13 MAX. ANCHOR SPACING SCHEDULE

LOCATION	"S"	
	CONCRETE (Min. F _c = 2700 psi) OR CONCRETE BLOCK (Min. ASTM C-90)	WOOD (Min. G=0.55)
SILL & HEAD	10"	10"
JAMBS	12"	10"

MIAMI-DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

©2011 TILTECO, INC

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
8355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305)871-1530 Fax: (305)871-1531
e-mail: tilteco@aol.com
EG-0006719
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

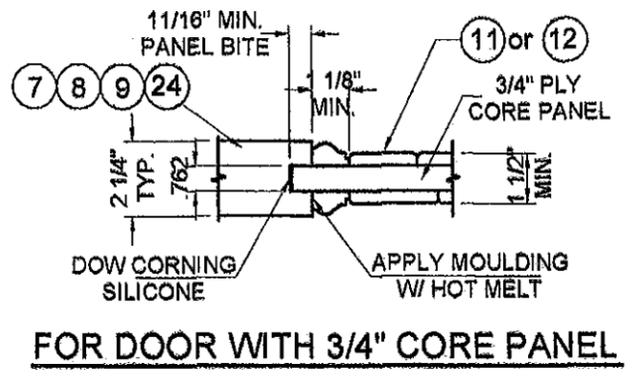
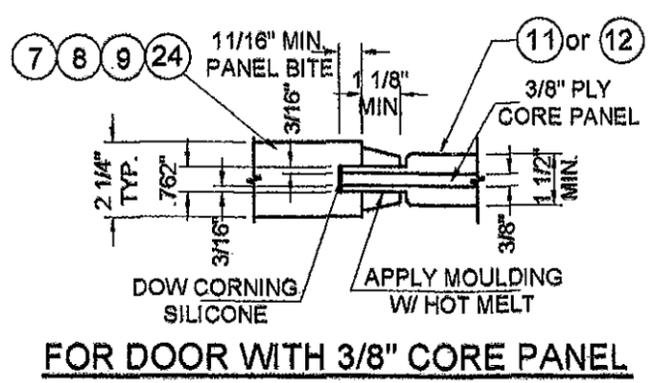
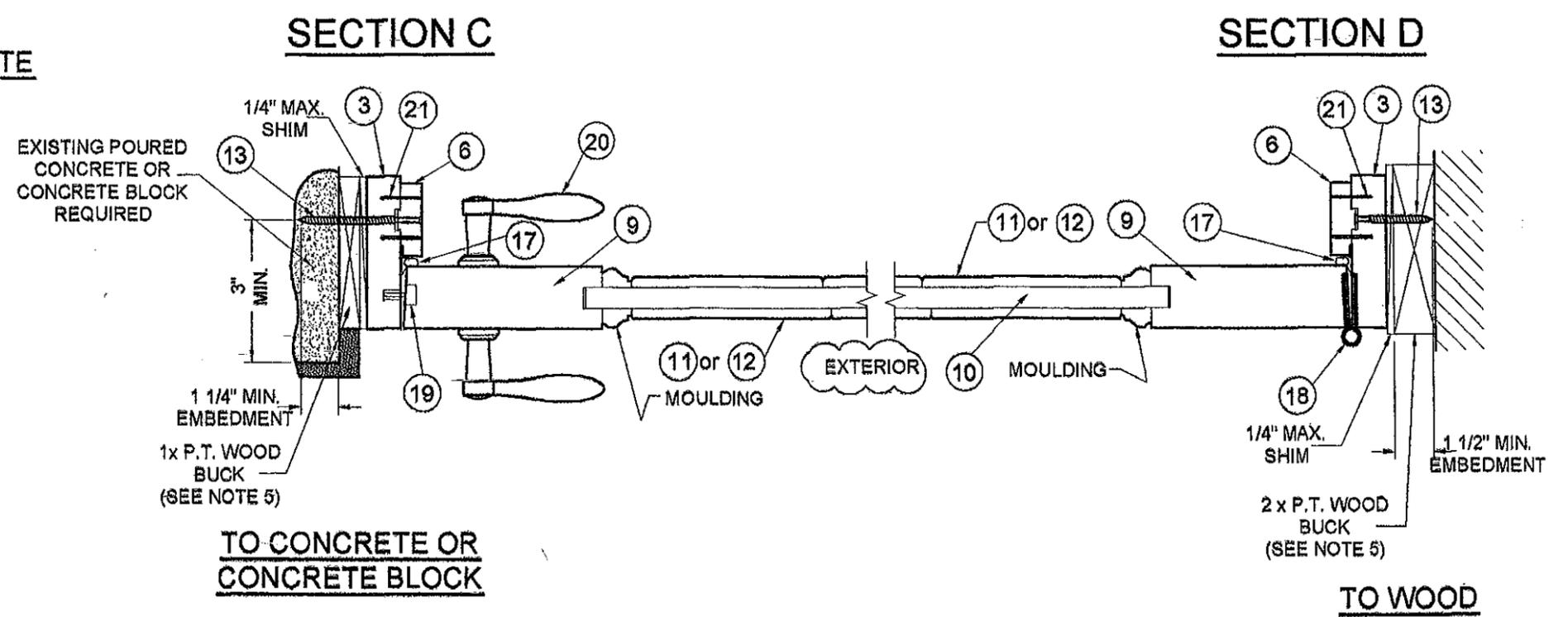
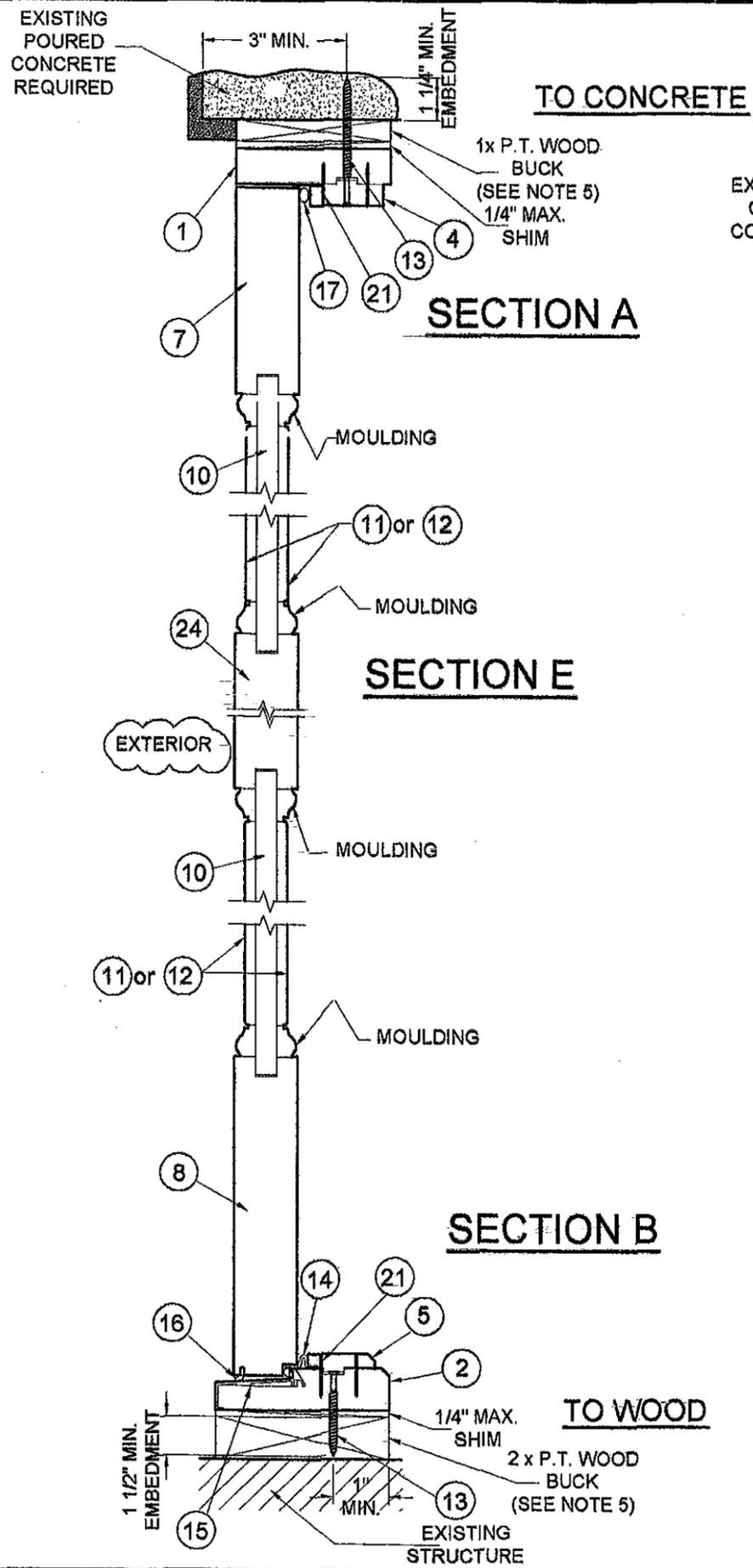
Craftsmen In Wood, Mfg.
5441 West Hadley St., Phoenix, AZ 85043
Phone: (602) 286-1050 Fax: (602) 286-1052

Drawn By: Jeff Helle/J.A.S./M.C.V./A.G.

SINGLE OUT-SWINGING WOOD ENTRANCE DOORS				12/07/11
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1	OLD 10-097	12/07/11	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-

11-229
DRAWING No

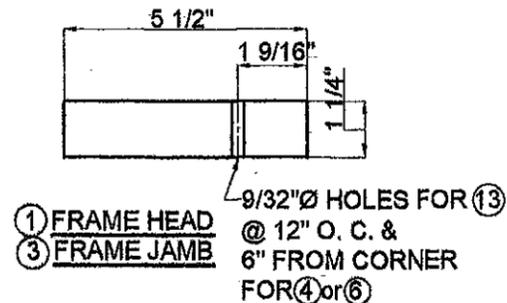
SHEET 2 OF 10



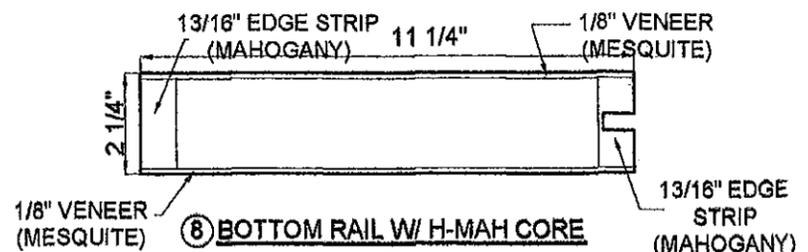
GLAZING PANEL DETAIL

PRODUCT REVISED
 to comply with the Florida
 Building Code
 Approval No. 12-0308-42
 Expiration Date 12/15/15
Cheng L. Chen
 Miami-Dade Product Council

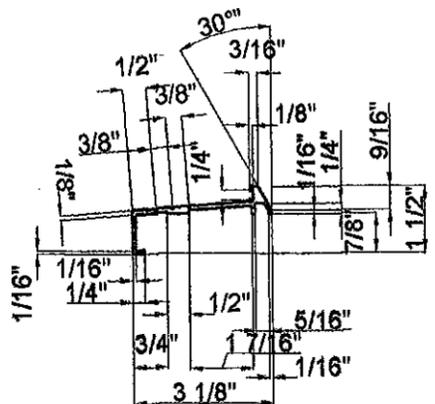
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		©2011 TILTECO, INC. TILIT TESTING & ENGINEERING COMPANY 6365 N.W. 36th St., Ste. 309, VIRGINIA GARDENS, FL 33188 Phone: (305) 871-1530 • Fax: (305) 871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167	Craftsmen In Wood, Mfg. 5441 West Hadley St., Phoenix, AZ 85043 Phone: (602) 286-1080 Fax: (602) 286-1082	Drawn By: Jeff Helle/J.A.S./ M.C.V./A.G.																			
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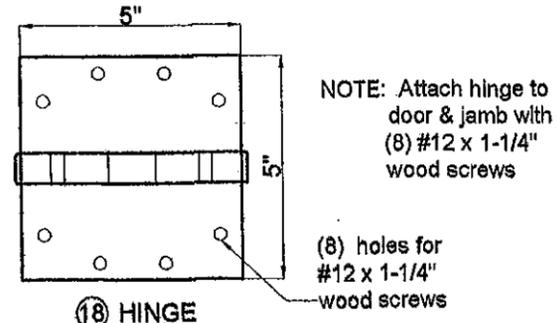
① FRAME HEAD
③ FRAME JAMB
9/32"Ø HOLES FOR ⑬ @ 12" O.C. & 6" FROM CORNER FOR ④ or ⑥



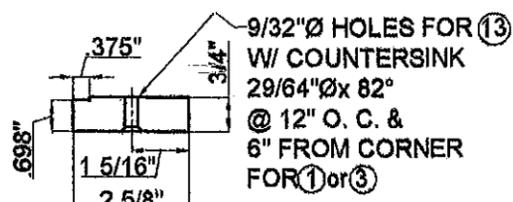
⑧ BOTTOM RAIL W/ H-MAH CORE
13/16" EDGE STRIP (MAHOGANY)
1/8" VENEER (MESQUITE)



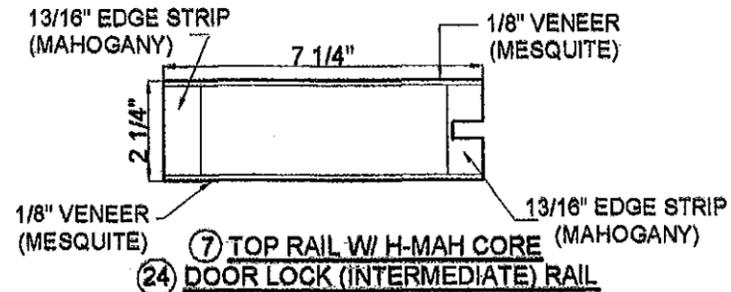
⑮ THRESHOLD PEMKO P/N 165DV48
Material: Aluminum alloy 6063-T6



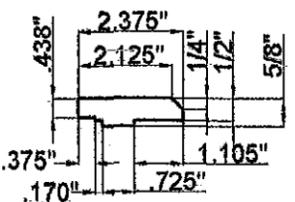
⑱ HINGE
NOTE: Attach hinge to door & jamb with (8) #12 x 1-1/4" wood screws
(8) holes for #12 x 1-1/4" wood screws



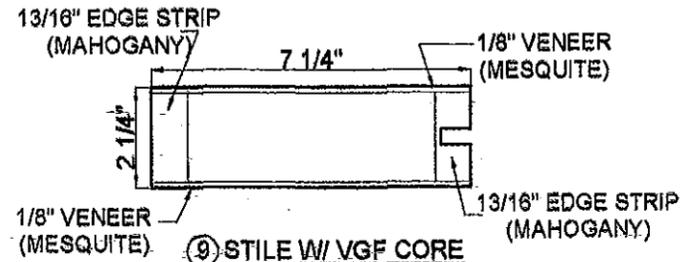
④ FRAME HEAD STOP
⑥ FRAME JAMB STOP
9/32"Ø HOLES FOR ⑬ W/ COUNTERSINK 29/64"Ø x 82° @ 12" O.C. & 6" FROM CORNER FOR ① or ③



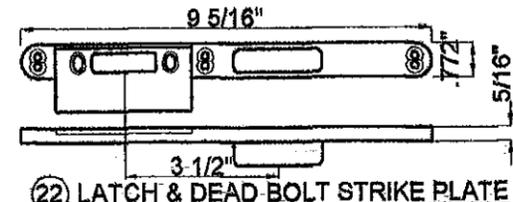
⑦ TOP RAIL W/ H-MAH CORE
⑳ DOOR LOCK (INTERMEDIATE) RAIL
13/16" EDGE STRIP (MAHOGANY)
1/8" VENEER (MESQUITE)



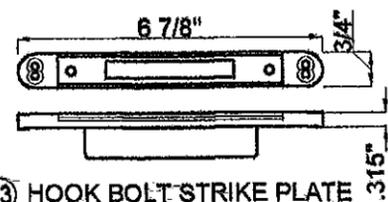
⑤ SILL STOP



⑨ STILE W/ VGF CORE
13/16" EDGE STRIP (MAHOGANY)
1/8" VENEER (MESQUITE)

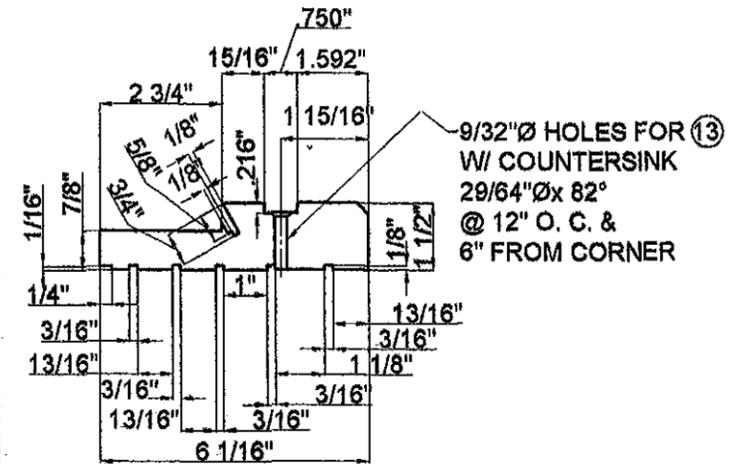


⑳ LATCH & DEAD BOLT STRIKE PLATE
NOTE: Attach strike to jamb with three # 8 x 1 1/4" F.H. SS wood screws and three #8 x 3" F.H. SS wood-screws.

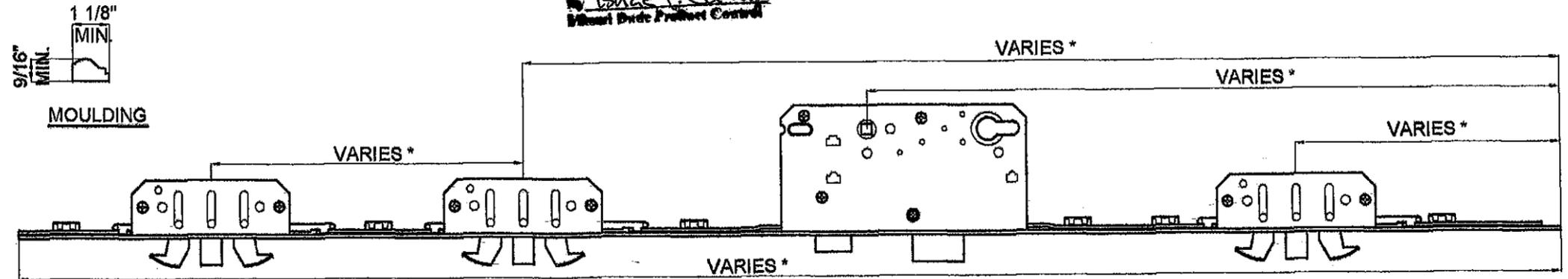


㉓ HOOK BOLT STRIKE PLATE
NOTE: Attach strike to jamb with two # 8 x 1 1/4" F.H. SS wood screws and two #8 x 3" F.H. SS wood-screws.

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Amplification No 12-0308-42
Expiration Date 12/8/15
By *[Signature]*
Miami Dade Product Control



② SILL
9/32"Ø HOLES FOR ⑬ W/ COUNTERSINK 29/64"Ø x 82° @ 12" O.C. & 6" FROM CORNER



⑲ FOUR POINTS AGB POSEIDON SICURTOP LOCK

* SEE BILL OF MATERIALS ON SHEET 5 FOR HOOK LOCKS LOCATIONS

**COMPONENTS FOR DOORS W/ FRAME
HEIGHT LARGER THAN 86" UP TO 110 5/8"**

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		SINGLE OUT-SWINGING WOOD ENTRANCE DOORS		
Rev. No	Description	Date	By	
1	OLD 10-097	12/07/11	-	
2	-	-	-	
3	-	-	-	
4	-	-	-	
			12/07/11 DATE 11-229 DRAWING No SHEET 4 OF 10	

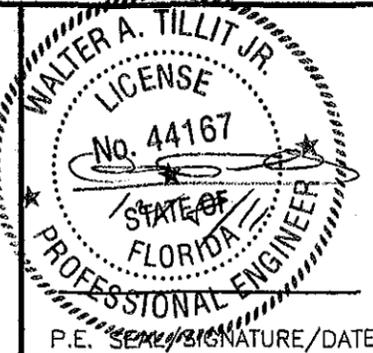
BILL OF MATERIALS

DOORS W/ FRAME HEIGHT LARGER THAN 86" UP TO 110 5/8"

ITEM #	QTY	PART DESCRIPTION	SIZE	MATERIAL REMARKS
1	1	FRAME HEAD **	1-1/4" x 5-1/2"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
2	1	FRAME SILL **	2" x 6-1/16"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
3	2	FRAME JAMB **	1-1/4" x 5-1/2"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
4	1	FRAME HEAD STOP **	3/4" x 2-5/8"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
5	1	FRAME SILL STOP **	5/8" x 2-3/8"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
6	2	FRAME JAMB STOP **	3/4" x 2-5/8"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
7	1	DOOR TOP RAIL **	2-1/4" x 7-1/4"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
8	1	DOOR BOTTOM RAIL **	2-1/4" x 11-1/4"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
9	2	DOOR STILE **	2-1/4" x 7-1/4"	VGF CORE
10	AS REQD	PLYWOOD CORE PANEL *	3/8" OR 3/4" THICK	SUPER PLY
11	AS REQD	RAISED PANEL *	5/8" OR 3/4" THICK	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
12	AS REQD	PLANKS *	3/8" THICK	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)
13	SEE SCHEDULE	FRAME INSTALLATION SCREWS	1/4" FH/PH TAPCON (ELCO TEXTRON)	STEEL
14	AS REQD	Q-LON SEAL	PROFILE .580 x .650	SCHLEGEL #QDS-650
15	1	ALUMINUM THRESHOLD	3-1/8"	PEMKO #165DV48
16	AS REQD	Q-LON SEAL	PROFILE .335 x .336	SCHLEGEL #QEZ-320
17	AS REQD	WEATHERSTRIP	.665 x .850	PVC (PELLA-092R0094)
18	4	HINGES	5 x 5 x 12 GAGE	HAGER BB-1279
19	1	4-POINT LOCKING SYSTEM	70mm B.S. (8' LONG)	AGB POSEIDON, W/ HOOK LOCKS @ 8", 38 1/2", 67 1/2" & 90" FROM BOTTOM @ DOOR MODEL 1 AND W/ HOOK LOCKS @ 12", 41", 67" & 69" FROM BOTTOM @ DOORS MODEL 2 & 3
20	1	HANDLE ASSEMBLY	2-1/4" x 10-3/4"	CRAFTSMEN IN WOOD
21	10" O.C.	STEEL NAILS	16ga. x 1-1/2" T-NAIL	CRAFTSMEN IN WOOD
22	1	LATCH & DEAD BOLT STRIKE PLATE	0.772" x 9.313"	AGB
23	2	HOOK BOLT STRIKE PLATE	0.772" x 6.875"	AGB
24	1	DOOR-LOCK (INTERMEDIATE) RAIL **	2-1/4" x 7-1/4"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.48), SPANISH CEDAR (.41)

NOTES :
 * THE TOTAL THICKNESS OF PLYWOOD CORE PANEL + PLANKS OR RAISED PANEL SHALL BE = 1 1/2" MIN.
 ** SEE CONNECTION DETAILS AT ENDS ON SHEET 10

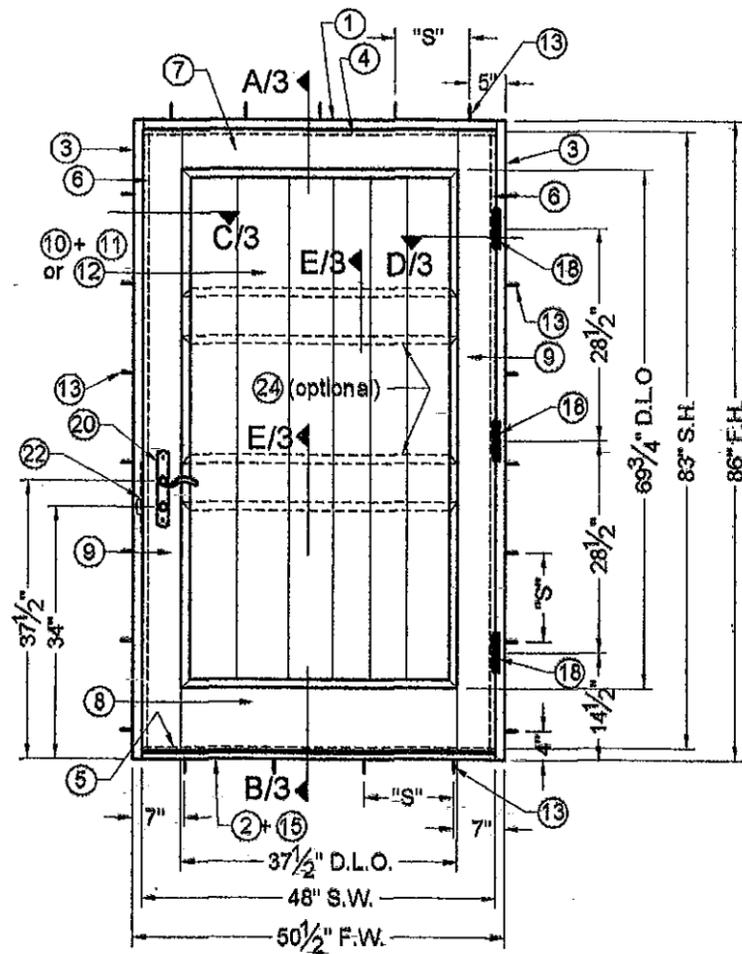
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-0309-42
 Expiration Date 12/15/15
 Walter A. Tillit Jr.
 Miami-Dade Professional Engineer



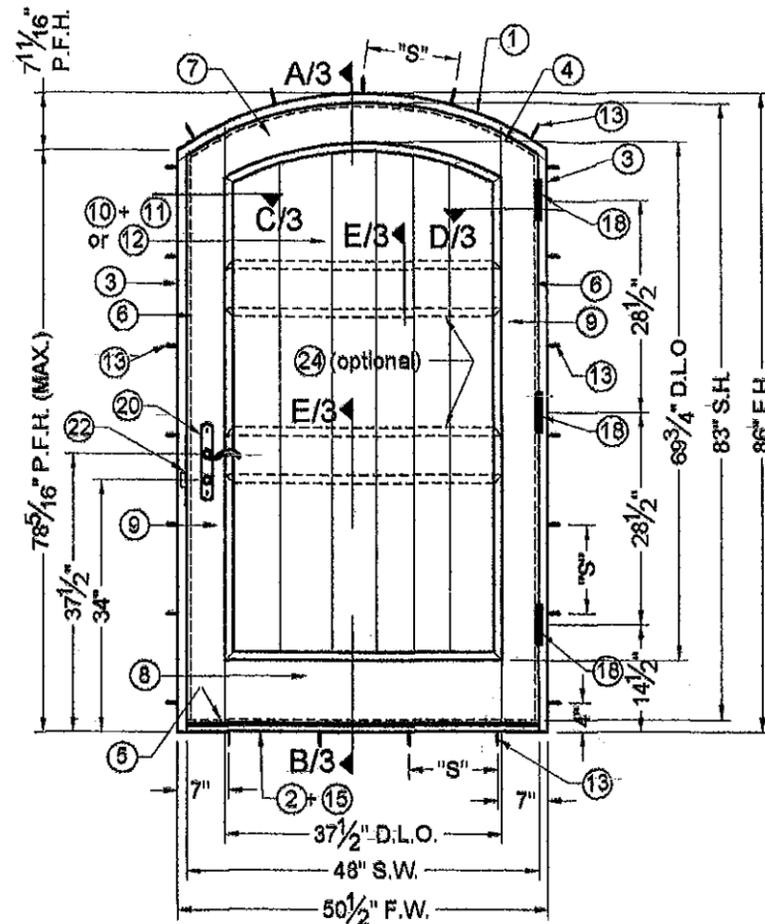
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 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305) 871-1530 Fax: (305) 871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		SINGLE OUT-SWINGING WOOD ENTRANCE DOORS		12/07/11 DATE		11-229 DRAWING No	
Rev. No	Description	Date	By	SHEET 5 OF 10			
1	OLD 10-097	12/07/11	-				
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3	-	-	-				
4	-	-	-				

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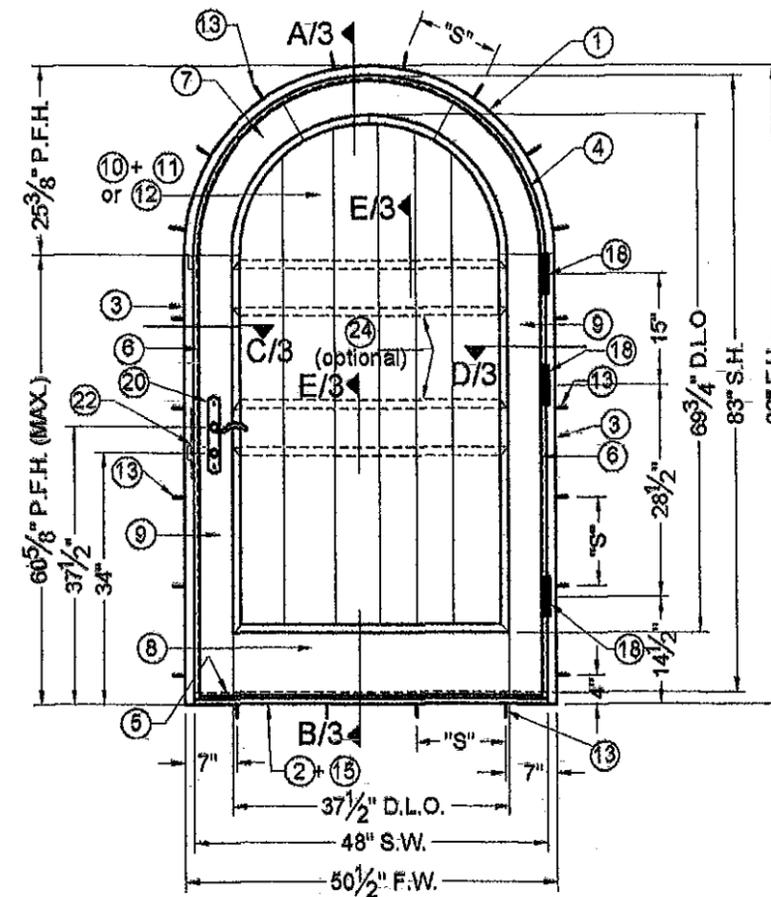
P.E. SIGNATURE/DATE



REGULAR DOOR MODEL 1
(X)



EYEBROW DOOR MODEL 2
(X)



ARCH DOOR MODEL 3
(X)

MAX. A.S.D. DESIGN PRESSURE RATING	
POSITIVE	66.0 psf
NEGATIVE	66.0 psf
WATER TEST PRESSURE	11.3 psf

EXTERIOR ELEVATIONS
DOORS W/ FRAME HEIGHT UP TO 86"

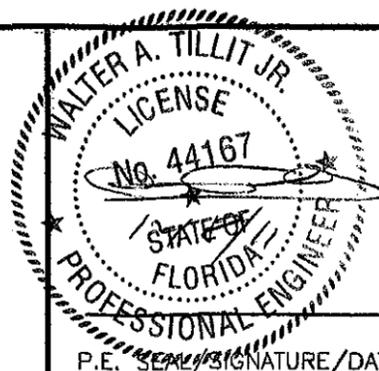
PRODUCT REVIEW
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Acceptance No. 12-0308-42
Expiration Date 12/8/15
By: [Signature]
Miami Dade Product Control

ANCHOR TYPE 13 MAX. ANCHOR SPACING SCHEDULE		
LOCATION	"S"	
	CONCRETE (Min. Fc = 2700 psi) OR CONCRETE BLOCK (Min. ASTM C-90)	WOOD (Min. G=0.55)
SILL & HEAD	10"	10"
JAMBS	12"	10"

PREFIX LEGEND:

- F.W. : MAX. FRAME WIDTH
- F.H. : MAX. FRAME HEIGHT
- S.W. : MAX. SASH WIDTH
- S.H. : MAX. SASH HEIGHT
- D.L.O. : MAX. DAYLIGHT OPENING
- P.F.H. : MAX. PARTIAL FRAME HEIGHT

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e-mail: tilteco@aol.com
EB-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

Craftsmen In Wood, Mfg.
8441 West Hodley St., Phoenix, AZ 85043
Phone: (602) 296-1050 Fax: (602) 296-1052

Drawn By:
Jeff Hellie/J.A.S./
M.C.V./A.G.

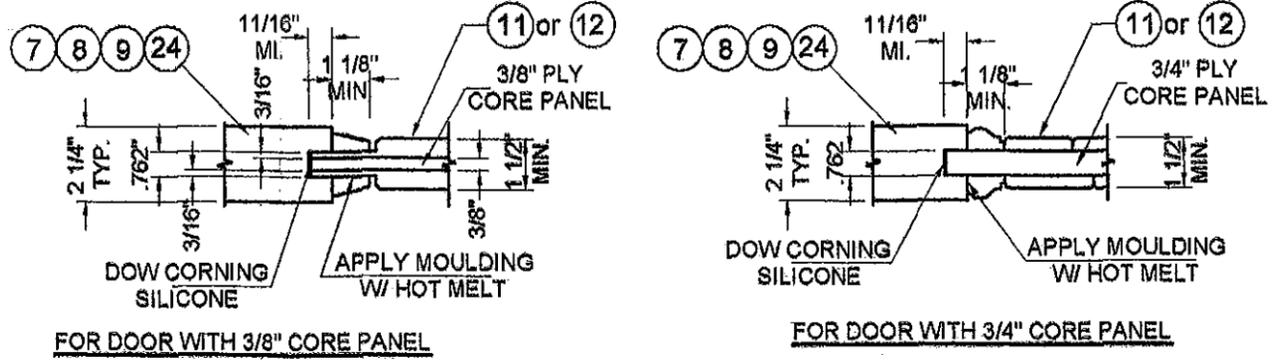
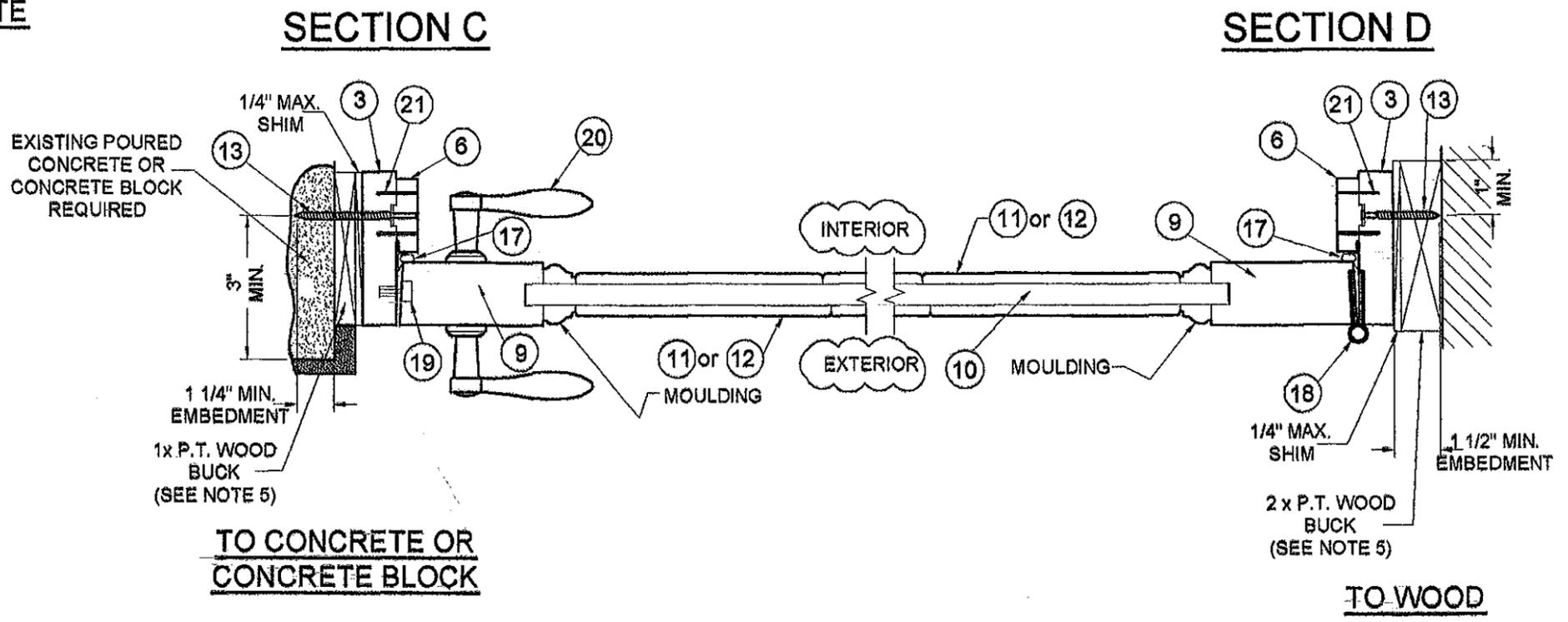
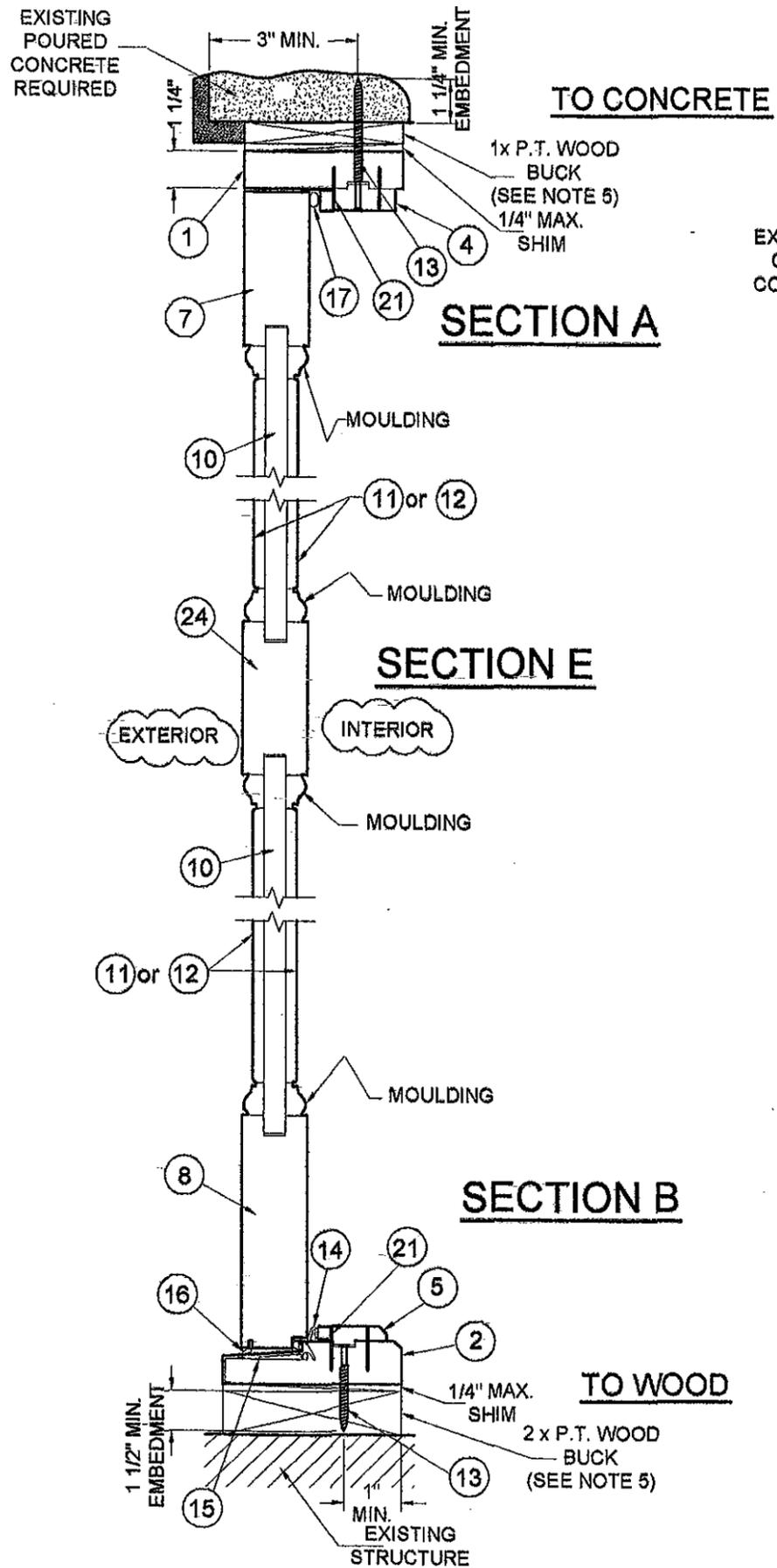
SINGLE OUT-SWINGING WOOD ENTRANCE DOORS

Rev. No	Description	Date	By
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4	-	-	-

12/07/11
DATE

11-229
DRAWING No

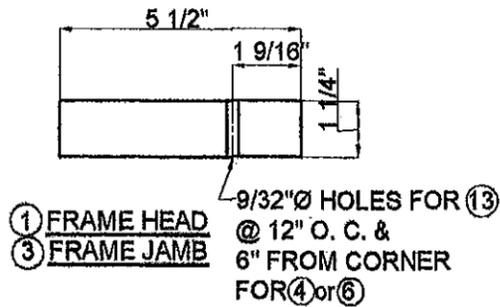
SHEET 6 OF 10



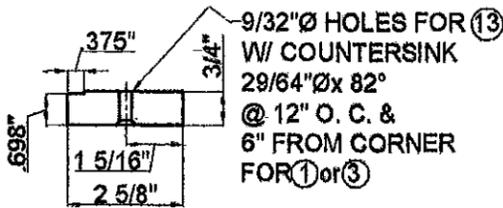
PRODUCT REVISED
 in compliance with the Florida Building Code
 Amendment No 12-0308-42
 Expiration Date 12/8/15
 By: *Ishag J. Uman*
 Miami Dade Product Council

GLAZING PANEL DETAIL

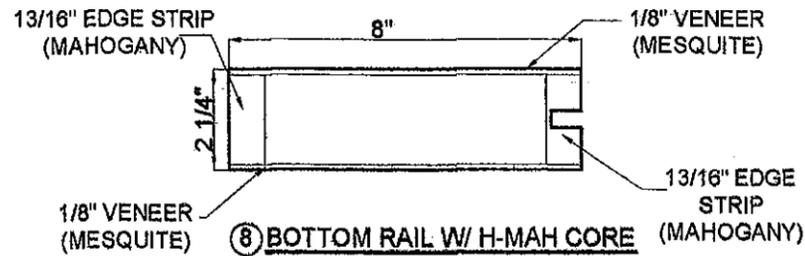
MIAMI-DADE COUNTY P.E. SEAL/SIGNATURE/DATE	FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)		Drawn By: Jeff Hellie/J.A.S./ M.C.V./A.G. DATE 12/07/11																				
	©2011 TILTECO, INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530, Fax: (305)871-1531 e-mail: tilteco@aol.com EB-0008719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167	Craftsmen In Wood, Mfg. 5441 West Hadley St., Phoenix, AZ 85043 Phone: (802) 298-1050 Fax: (802) 298-1032		11-229 DRAWING No																			
SINGLE OUT-SWINGING WOOD ENTRANCE DOORS			SHEET 7 OF 10																				
<table border="1"> <thead> <tr> <th>Rev. No</th> <th>Description</th> <th>Date</th> <th>By</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OLD 10-097</td> <td>12/07/11</td> <td>-</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		Rev. No	Description	Date	By	1	OLD 10-097	12/07/11	-	2	-	-	-	3	-	-	-	4	-	-	-		
Rev. No	Description	Date	By																				
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2	-	-	-																				
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4	-	-	-																				



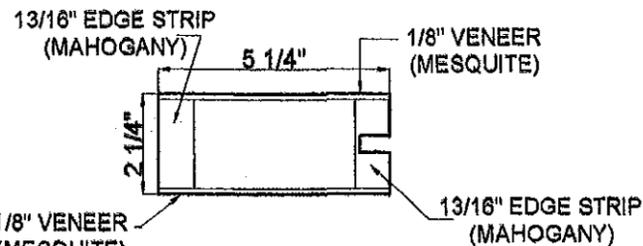
① FRAME HEAD
③ FRAME JAMB
9/32"Ø HOLES FOR ⑬
@ 12" O.C. &
6" FROM CORNER
FOR ④ or ⑥



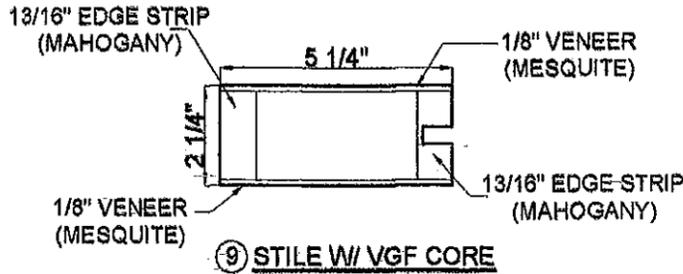
④ FRAME HEAD STOP
⑥ FRAME JAMB STOP



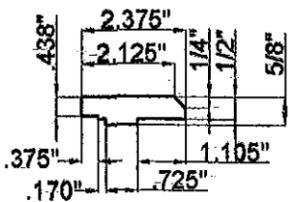
⑧ BOTTOM RAIL W/ H-MAH CORE



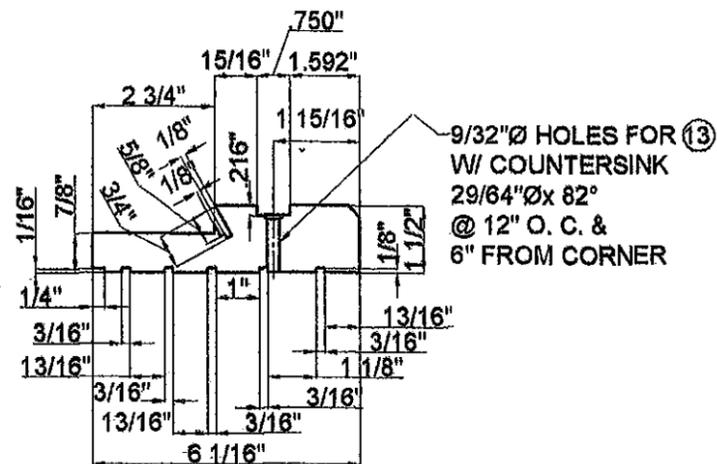
⑦ TOP RAIL W/ H-MAH CORE
⑭ DOOR LOCK (INTERMEDIATE) RAIL



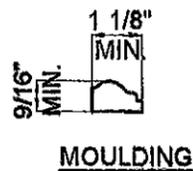
⑨ STILE W/ VGF CORE



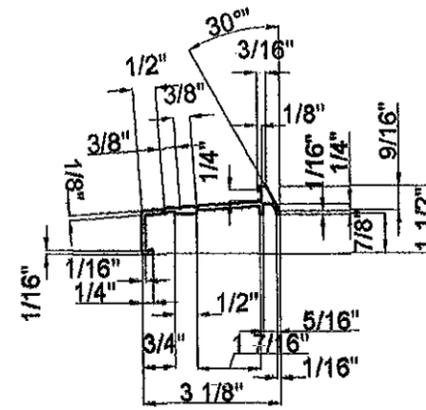
⑤ SILL STOP



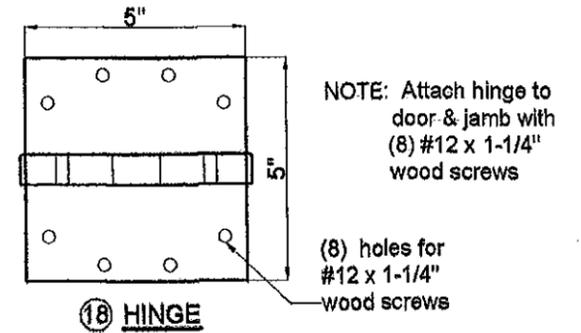
② SILL



MOULDING



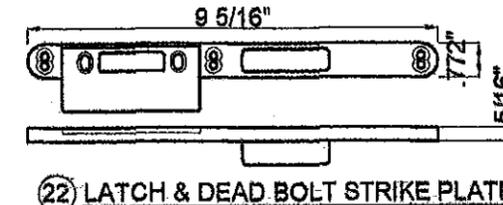
⑮ THRESHOLD PEMKO P/N 165DV48
Material: Aluminum alloy 6063-T6



⑰ HINGE

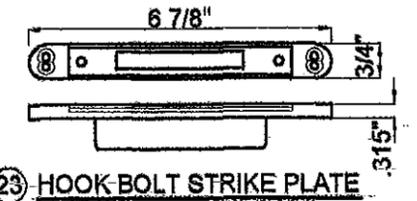
NOTE: Attach hinge to door & jamb with (8) #12 x 1-1/4" wood screws

(8) holes for #12 x 1-1/4" wood screws



⑳ LATCH & DEAD BOLT STRIKE PLATE

NOTE: Attach strike to jamb with three #8 x 1 1/4" F.H. SS wood screws and three #8 x 3" F.H. SS wood screws.

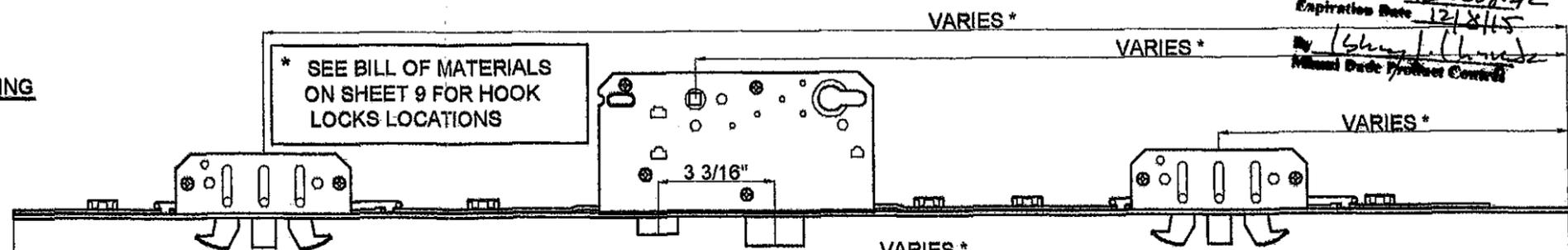


㉑ HOOK BOLT STRIKE PLATE

NOTE: Attach strike to jamb with two #8 x 1 1/4" F.H. SS wood screws and two #8 x 3" F.H. SS wood screws.

PRODUCT REVIEWED
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Building Code
Acceptance No 12-0309-42
Expiration Date 12/8/15
By: [Signature]
Miami Dade Product Control

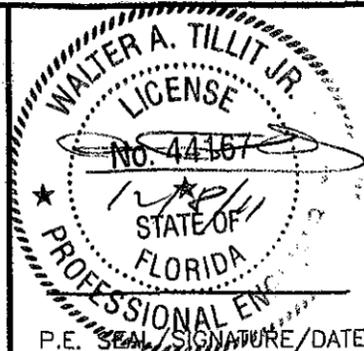
* SEE BILL OF MATERIALS ON SHEET 9 FOR HOOK LOCKS LOCATIONS



⑱ THREE POINTS AGB POSEIDON SICURTOP LOCK

COMPONENTS FOR DOORS W/ FRAME
HEIGHT UP TO 86"

MIAMI-DADE COUNTY



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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e-mail: tilteco@aol.com
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FLORIDA Lic. # 44167

Craftsmen In Wood, Mfg.
5441 West Hadley St., Phoenix, AZ 85043
Phone: (602) 286-1080 Fax: (602) 286-1052

Drawn By:
Jelf Helle/J.A.S./
M.C.V./A.G.

SINGLE OUT-SWINGING WOOD ENTRANCE DOORS

Rev. No	Description	Date	By
1	OLD 10-097	12/07/11	-
2	-	-	-
3	-	-	-
4	-	-	-

12/07/11
DATE

11-229
DRAWING No

SHEET 8 OF 10

BILL OF MATERIALS

DOORS W/ FRAME HEIGHT UP TO 86"

ITEM #	QTY	PART DESCRIPTION	SIZE	MATERIAL REMARKS
1	1	FRAME HEAD **	1-1/4" x 5-1/2"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
2	1	FRAME SILL **	2" x 6-1/16"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
3	2	FRAME JAMB **	1-1/4" x 5-1/2"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
4	1	FRAME HEAD STOP **	3/4" x 2-5/8"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
5	1	FRAME SILL STOP **	5/8" x 2-3/8"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
6	2	FRAME JAMB STOP **	3/4" x 2-5/8"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
7	1	DOOR TOP RAIL **	2-1/4" x 5-1/4"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
8	1	DOOR BOTTOM RAIL **	2-1/4" x 8"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
9	2	DOOR STILE **	2-1/4" x 5-1/4"	VGF CORE
10	AS REQD	PLYWOOD CORE PANEL *	3/8" OR 3/4" THICK	SUPER PLY
11	AS REQD	RAISED PANEL *	5/8" OR 3/4" THICK	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
12	AS REQD	PLANKS *	3/8" THICK	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)
13	SEE SCHEDULE	FRAME INSTALLATION SCREWS	1/4" FH/PH TAPCON (ELCO TEXTRON)	STEEL
14	AS REQD	Q-LON SEAL	PROFILE .580 x .650	SCHLEGEL #QDS-650
15	1	ALUMINUM THRESHOLD	3-1/8"	PEMKO #165DV48
16	AS REQD	Q-LON SEAL	PROFILE .335 x .336	SCHLEGEL #QEZ-320
17	AS REQD	WEATHERSTRIP	.665 x .850	PVC (PELLA 092R0094)
18	3	HINGES	5 x 5 x 12 GAGE	HAGER BB-1279
19	1	3-POINT LOCKING SYSTEM	70mm B.S. (6' LONG)	AGB POSEIDON, W/ HOOK LOCKS @ 8 1/2", 39" & 69" FROM BOTTOM @ DOOR MODEL 4 AND W/ HOOK LOCKS @ 8 1/2", 39" & 15" FROM BOTTOM @ DOORS MODEL 5 & 6
20	1	HANDLE ASSEMBLY	2-1/4" x 10-3/4"	CRAFTSMEN IN WOOD
21	10" O.C.	STEEL NAILS	16ga. x 1-1/2" T-NAIL	CRAFTSMEN IN WOOD
22	1	LATCH & DEAD BOLT STRIKE PLATE	0.772" x 9.313"	AGB
23	2	HOOK BOLT STRIKE PLATE	0.772" x 6.875"	AGB
24	1	DOOR LOCK (INTERMEDIATE) RAIL **	2-1/4" x 5-1/4"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61), TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41)

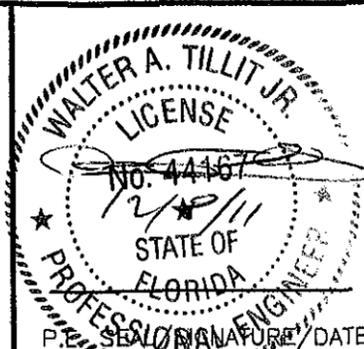
NOTES :

* THE TOTAL THICKNESS OF PLYWOOD CORE PANEL + PLANKS OR RAISED PANEL SHALL BE = 1 1/2" MIN.

** SEE CONNECTION DETAILS AT ENDS ON SHEET 10

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Amendment No. 12-0309-42
Expiration Date 12/31/15
Shane L. Hinkle
Miami-Dade Product Control

MIAMI-DADE COUNTY



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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TILTECO inc.
TILLIT TESTING & ENGINEERING COMPANY
6365 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33168
Phone : (305)871-1530 . Fax : (305)871-1531
e-mail: tilteco@aol.com
EB-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

Craftsmen In Wood, Mfg.
5441 West Hadley St., Phoenix, AZ 85043
Phone: (602) 298-1050 Fax: (602) 298-1052

Drawn By:
Jeff Helle/J.A.S./
M.C.V./A.G.

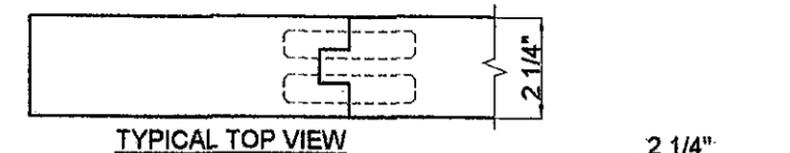
SINGLE OUT-SWINGING WOOD ENTRANCE DOORS

Rev. No.	Description	Date	By
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2	-	-	-
3	-	-	-
4	-	-	-

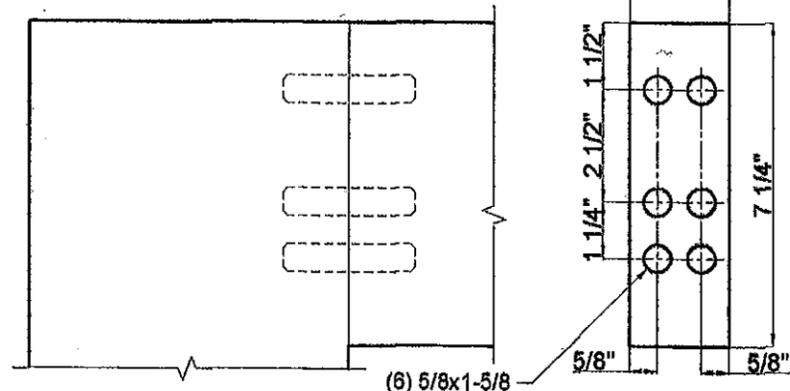
12/07/11
DATE

11-229
DRAWING No

SHEET 9 OF 10

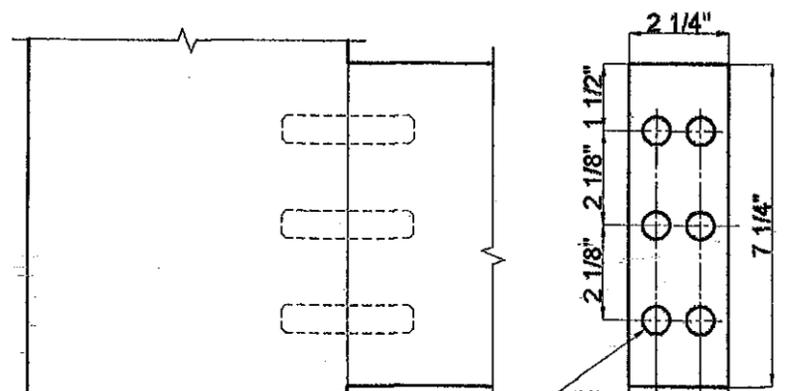


TYPICAL TOP VIEW



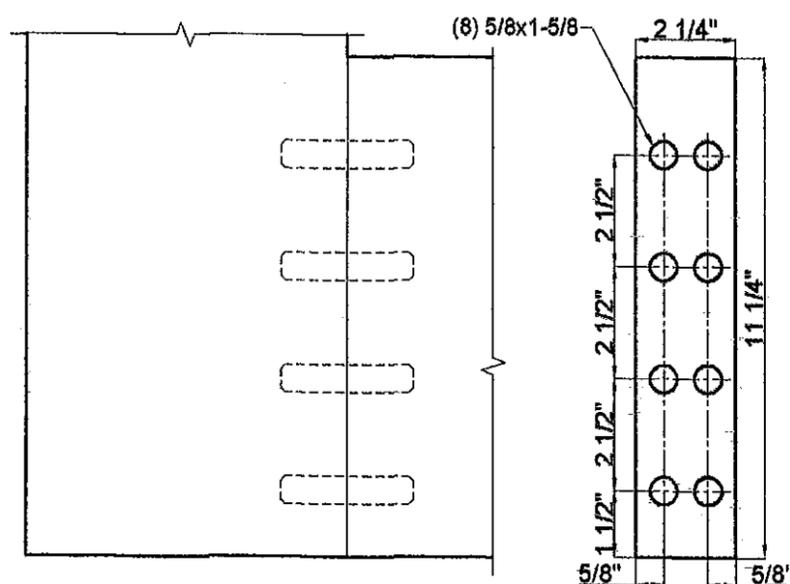
TOP CORNER DETAIL - ELEVATION

SECTION



INTERMEDIATE DETAIL - ELEVATION

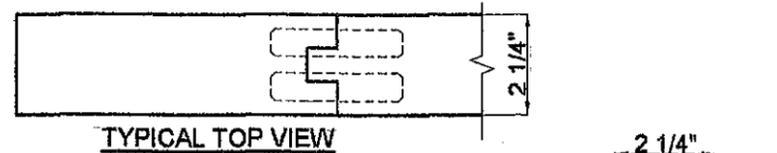
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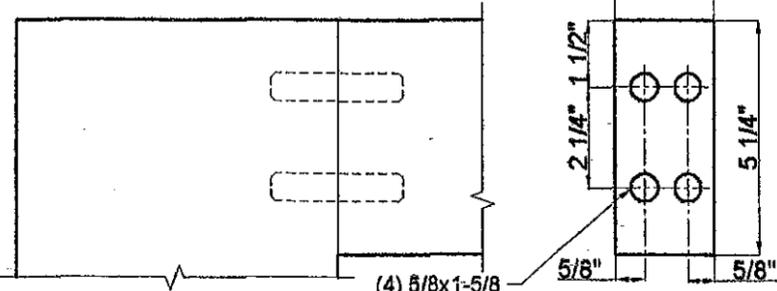
BOTTOM CORNER DETAIL - ELEVATION

SECTION

SASH CORNER DETAILS FOR DOORS MODEL 1, 2 & 3
AT DOORS W/ FRAME HEIGHT LARGER THAN 86" UP TO 110 5/8"

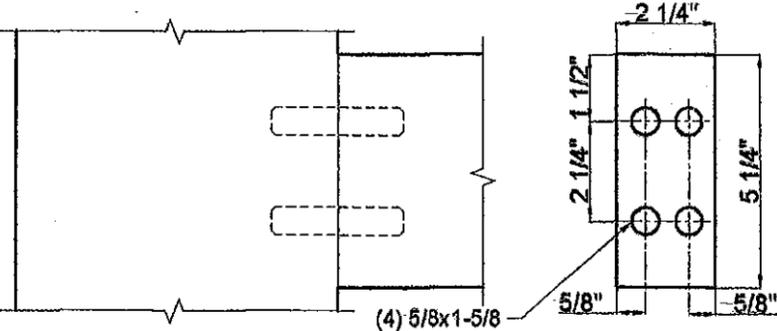


TYPICAL TOP VIEW



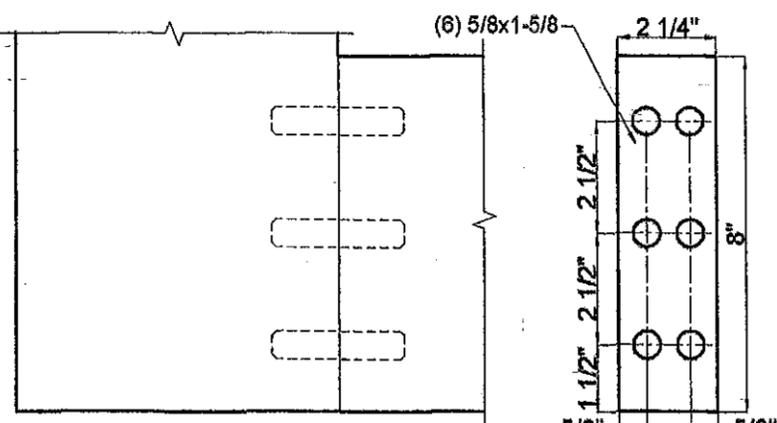
TOP CORNER DETAIL - ELEVATION

SECTION



INTERMEDIATE DETAIL - ELEVATION

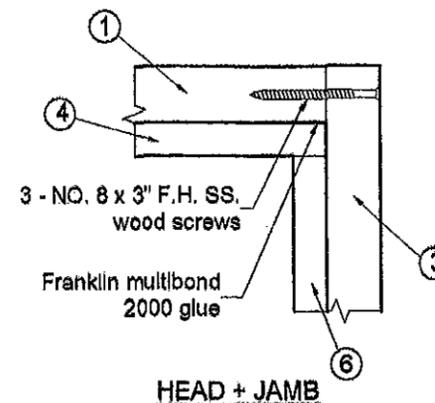
SECTION



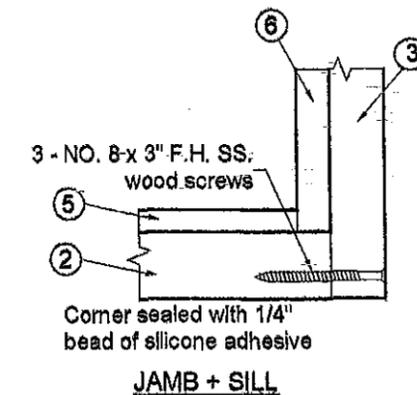
BOTTOM CORNER DETAIL - ELEVATION

SECTION

SASH CORNER DETAILS FOR DOORS MODEL 1, 2 & 3
AT DOORS W/ FRAME HEIGHT UP TO 86"



HEAD + JAMB



JAMB + SILL

PRODUCT REVISED
to comply with the Florida
Building Code
Assignment No 12-0308-42
Expiration Date DEC 03, 2015
By: [Signature]
Michael Bork, Project Manager

FRAME CORNER DETAILS FOR DOORS
MODEL 1, 2, 3, FOR ALL FRAME HEIGHTS

MIAMI-DADE COUNTY

WALTER A. TILLIT JR.
LICENSE
NO. 44167
12/8/11
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
P.E. [Signature] / DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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Phone: (305)871-1530 • Fax: (305)871-1531
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SINGLE-OUT-SWINGING WOOD ENTRANCE DOORS

Rev. No	Description	Date	By
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3	-	-	-
4	-	-	-

Drawn By:
Jeff Helle/J.A.S./
M.C.V./A.G.

12/07/11
DATE

11-229
DRAWING No

SHEET 10 OF 10