



MIAMI-DADE COUNTY
BUILDING AND NEIGHBORHOOD COMPLIANCE
DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

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/building/home/asp

NOTICE OF ACCEPTANCE (NOA)

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 by Miami-Dade County Product Control Section 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 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. BORA 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. 10-097, titled "Single Out-Swinging Wood Entrance Doors" Sheets 1 through 10 of 10, dated 11/04/10 with revision #1, prepared by Tilteco Inc., signed and sealed by Walter A. Tilit, Jr., P.E., 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 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 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 # 07-0727.05** 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.**

NOA No 10-1108.02

Expiration Date: December 08, 2015

Approval Date: February 17, 2011

Page 1



1/27/11

Craftsmen In Wood Manufacturing

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts drawings and sections (transferred from file # **07-0727.05**)
2. Drawing No. **10-097**, titled "Single Out-Swinging Wood Entrance Doors" Sheets 1 thru 10 of 10, dated 11/04/10 with rev. #1, prepared by Tilteco Inc., signed and sealed by Walter A. Tilit, P.E.

B. TESTS (transferred from file # 07-0727.05)

1. 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. (**Submitted under NOA# 05-0906.03**)

C. CALCULATIONS

1. Statement letter of conformance to current FBC, dated 11/05/10, issued by Tilteco Inc., dated 02/06/08, signed and sealed by Walter A. Tilit, Jr., P.E.
2. 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. (transferred from file # **07-0727.05**).

D. QUALITY ASSURANCE

1. Miami Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

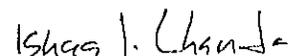
1. None

F. STATEMENTS

1. Statement letter of conformance to current FBC, prepared by Tilteco Inc., dated 11/05/10, signed and sealed by Walter A. Tilit, Jr., P.E.
2. 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**)
3. Statement letter dated 11/03/10, issued by Craftmen In-Wood Mfr, that product has not changed and requesting renewal, signed by Steve Brutlag (V.P.)
4. Statement of lab compliance, as part of above referenced test reports

G. OTHER

1. This NOA **renews** NOA # **07-0727.05**, expired on December 08, 2010.
2. Test proposal # **04-0500** dated 12/08/04, approved by BCCO.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 10-1108.02

Expiration Date: December 08, 2015

Approval Date: February 17, 2011

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

- DOORS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P. A. D.) HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2007 EDITION 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 CODE. 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 CODE 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.
- MAXIMUM DESIGN PRESSURE RATING +66.0 psf. -66.0 psf.**
- THESE DOORS ARE APPROVED FOR AIR/WATER INFILTRATION.
- ALL WOOD PROFILES SHALL BE AS PER BILL OF MATERIALS ON SHEET 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.
- ALL FRAME MEMBERS SHALL BE ANCHORED TO EXISTING STRUCTURE FOLLOWING SPECS INDICATED ON SHEETS 2 & 3 AS APPLICABLE.
- THESE DOORS WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.**
- REMAINING COMPONENTS FOR THESE FENESTRATIONS SYSTEMS SHALL BE AS INDICATED ON BILL OF MATERIALS, SHEET 5 OF THIS DRAWING.
- 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.
- 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.
- 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.
- (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.

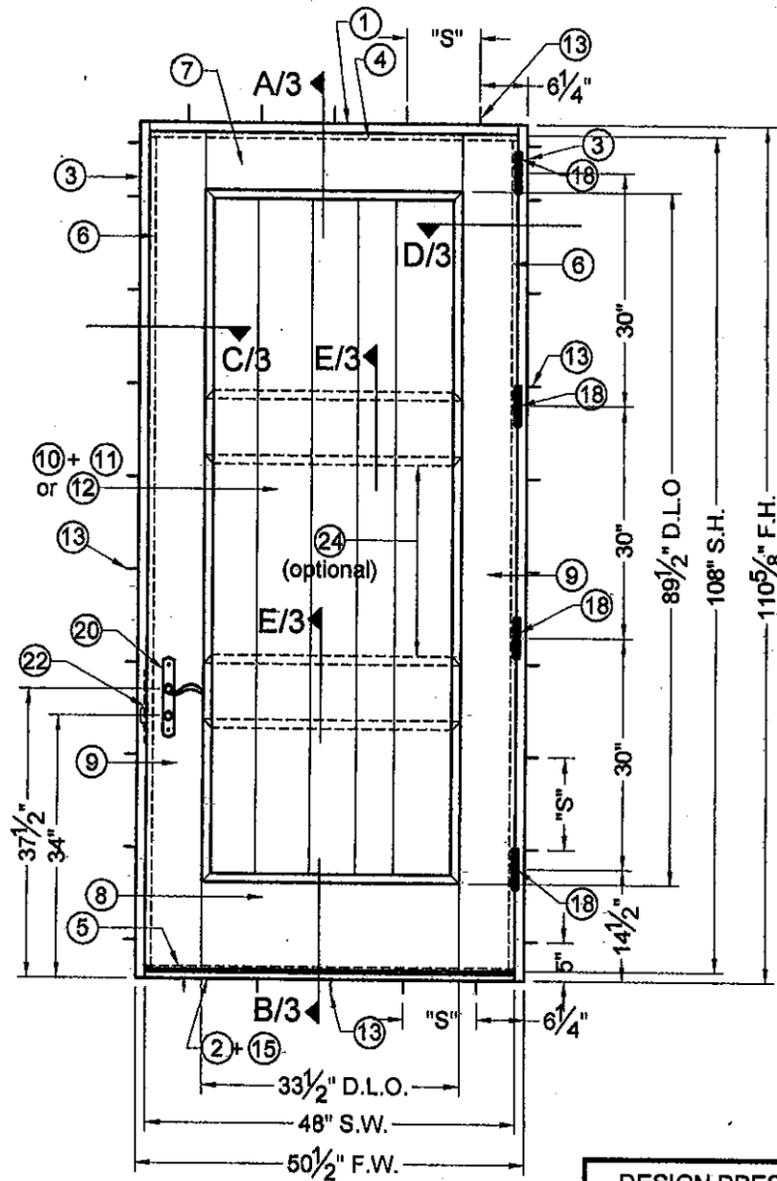
GENERAL NOTES AND SPECIFICATIONS: DOORS MODELS 4, 5 & 6

- DOORS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P. A. D.) HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2007 EDITION 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 CODE. 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 CODE 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.
- MAXIMUM DESIGN PRESSURE RATING +66.0 psf. -66.0 psf.**
- THESE DOORS ARE APPROVED FOR AIR/WATER INFILTRATION.
- ALL WOOD PROFILES SHALL BE AS PER BILL OF MATERIALS ON SHEET 9.
- 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.
- ALL FRAME MEMBERS SHALL BE ANCHORED TO EXISTING STRUCTURE FOLLOWING SPECS INDICATED ON SHEETS 6 & 7 AS APPLICABLE.
- THESE DOORS WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.**
- REMAINING COMPONENTS FOR THESE FENESTRATIONS SYSTEMS SHALL BE AS INDICATED ON BILL OF MATERIALS, SHEET 9 OF THIS DRAWING.
- 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.
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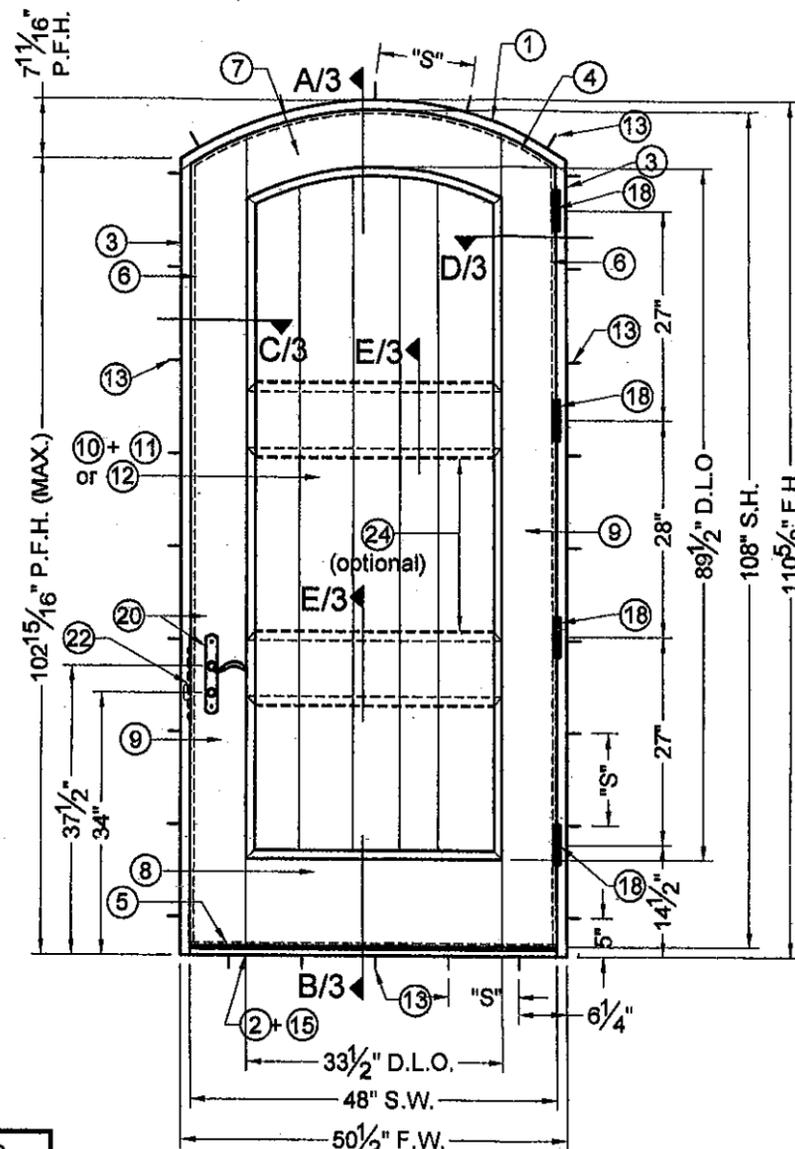
PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 10-1108-02
Expiration Date DEC 08, 2015
By Ishag I. Chand
Miami Dade Product Control
MIAMI-DADE COUNTY

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

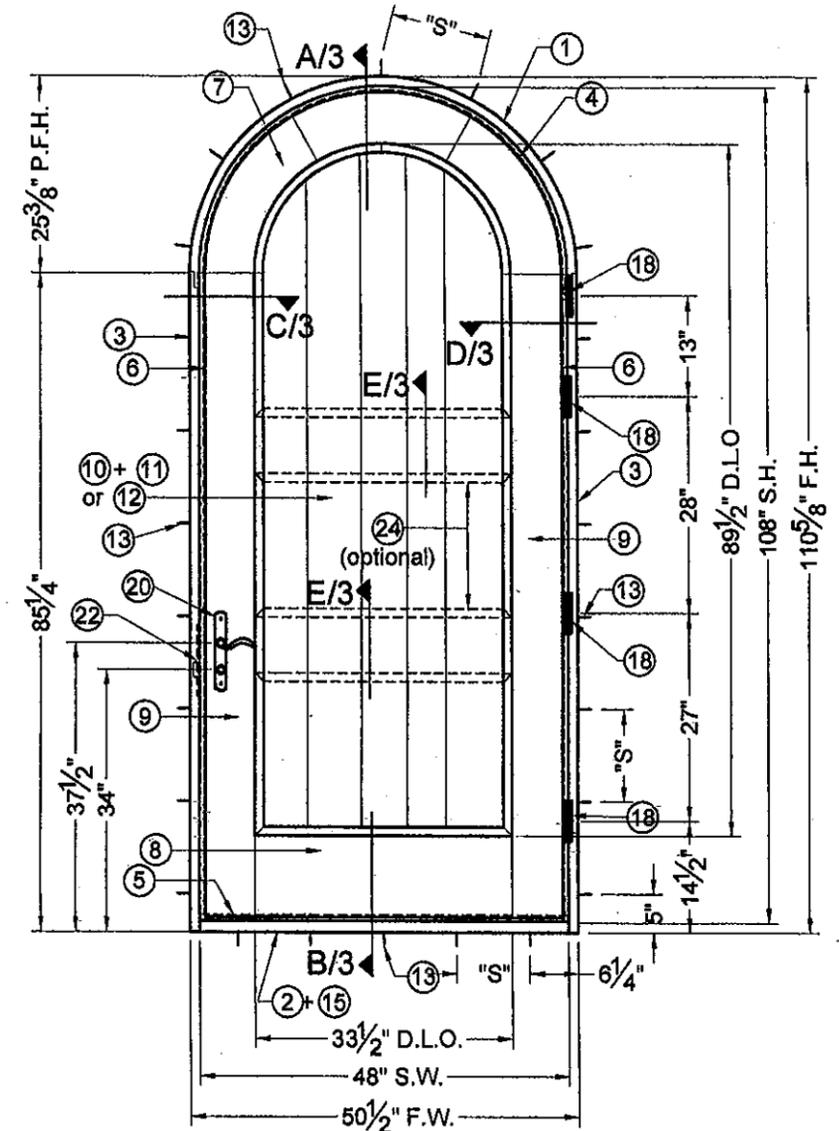
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)			
©2010 TILTECO, INC		Craftsmen In Wood, Mfg. 5441 West Hadley St., Phoenix, AZ 85043 Phone: (602) 288-1050 Fax: (602) 288-1052	
TILTECO inc. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1630 Fax: (305)871-1631 e-mail: tiltco@aol.com EB-0008719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		Drawn By: Jeff Helle/J.A.S./ M.C.V.	
SINGLE OUT-SWINGING WOOD ENTRANCE DOORS			
Rev. No	Description	Date	By
1	OLD 05-233	11/04/10	M.C.V.
2	-	-	-
3	-	-	-
4	-	-	-
			11/04/10 DATE
			10-097 DRAWING No
			SHEET 1 OF 10



REGULAR DOOR MODEL 1
(X)



EYEBROW DOOR MODEL 2
(X)



ARCH DOOR MODEL 3
(X)

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"

PREFIX LEGEND:

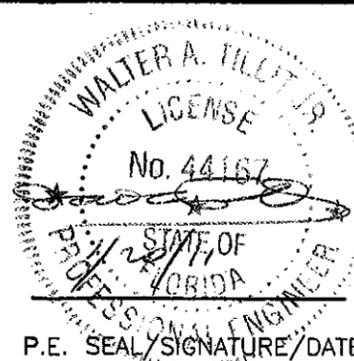
- F.W. : MAX. FRAME WIDTH
- F.H. : MAX. FRAME HEIGHT
- S.W. : MAX. SASH WIDTH
- S.H. : MAX. SASH HEIGHT
- D.L.O. : MAX. DAYLIGHT OPENING
- P.F.H. : MAX. PARTIAL FRAME HEIGHT

ANCHOR TYPE 13 MAX.
ANCHOR SPACING SCHEDULE

LOCATION	"S"	
	CONCRETE (Min. fc = 2700 psi) OR CONCRETE BLOCK (Min. ASTM C-90)	WOOD (Min. G=0.65)
SILL & HEAD	10"	10"
JAMBS	12"	10"

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-1108-02
Expiration Date DEC 08, 2015
By: *Shag J. L...*
Miami Dade Product Control

MIAMI-DADE COUNTY



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

©2010 TILTECO, INC

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1830 . Fax : (305)871-1831
e-mail: tilteco@aol.com
EB-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

Craftsmen In Wood, Mfg.
8441 West Hadley St., Phoenix, AZ 85043
Phone: (602) 298-1060 Fax: (602) 298-1052

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

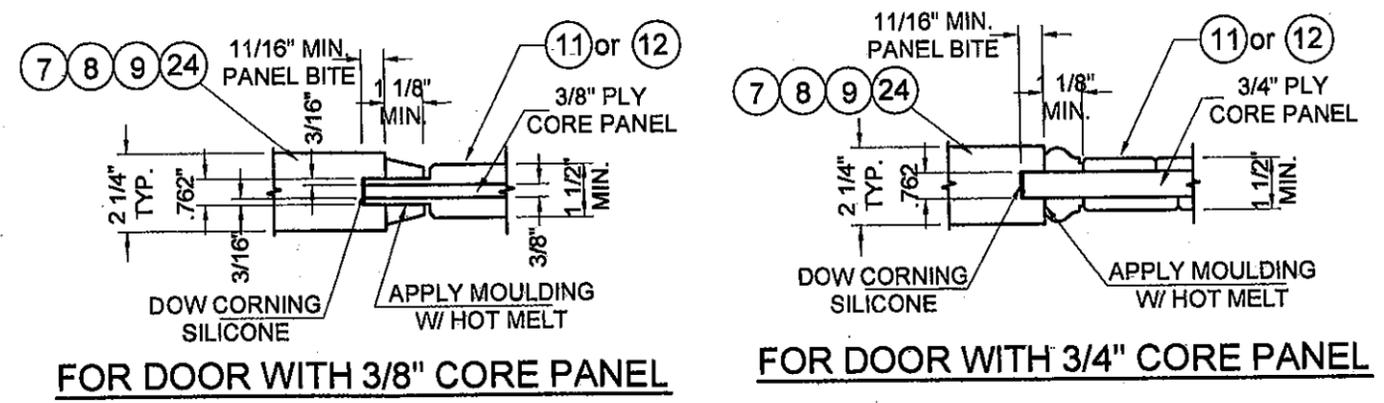
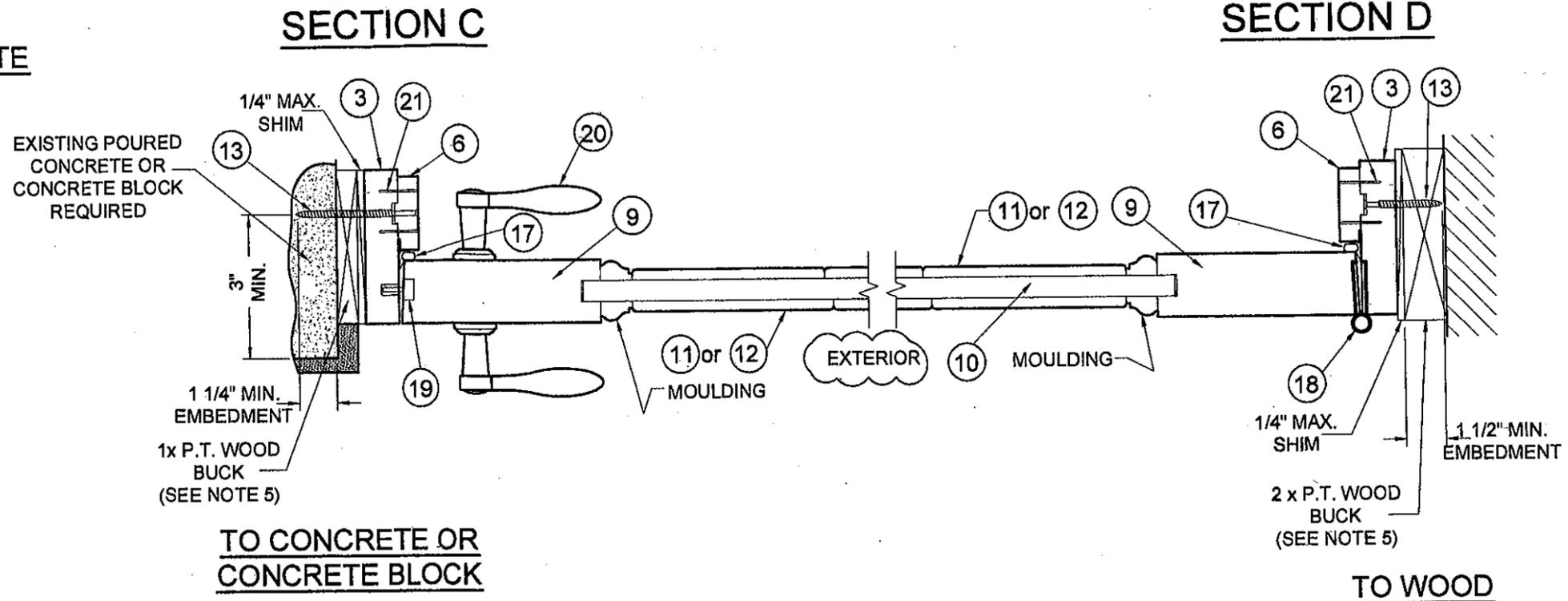
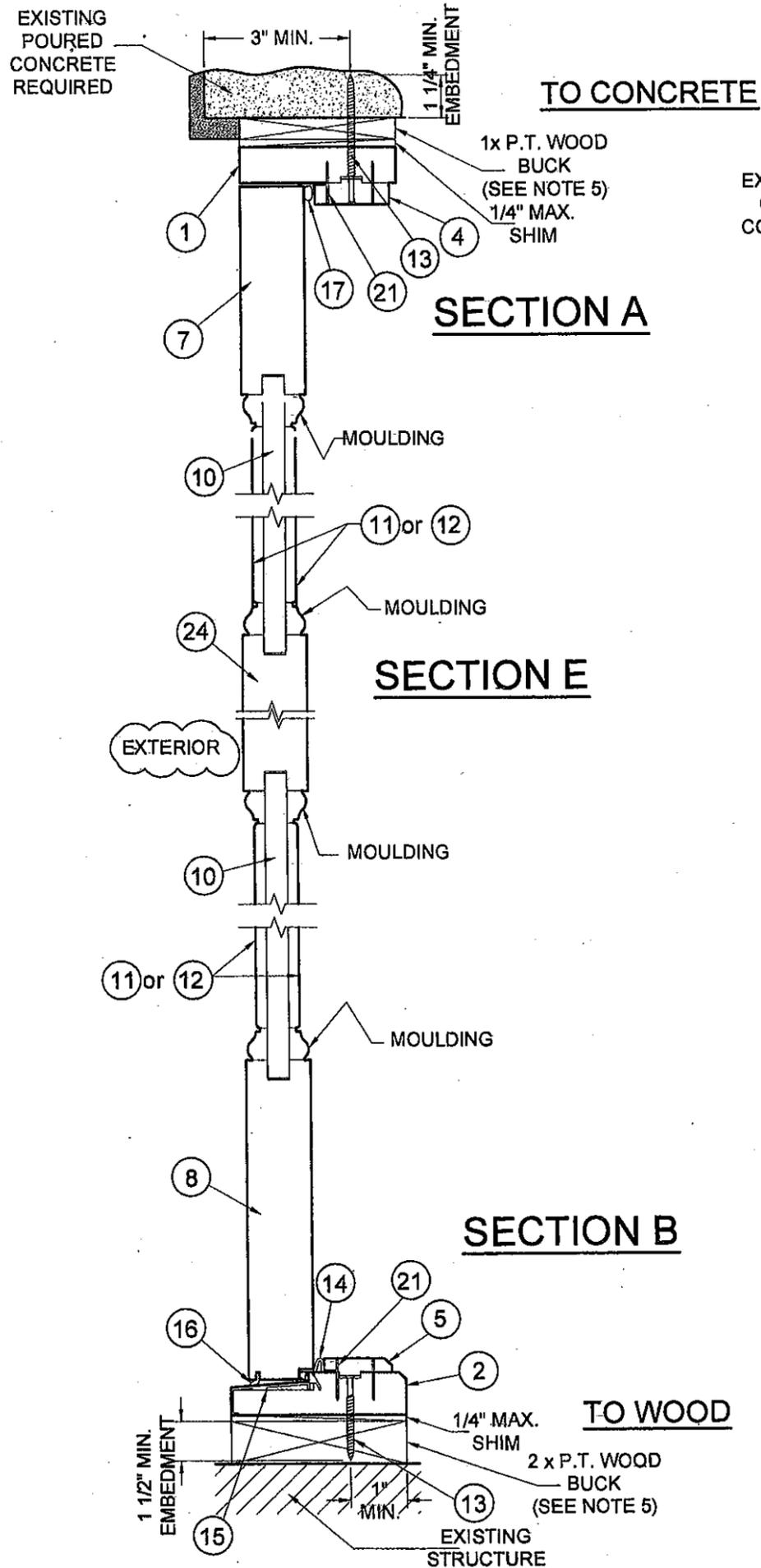
SINGLE OUT-SWINGING WOOD ENTRANCE DOORS

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

11/04/10
DATE

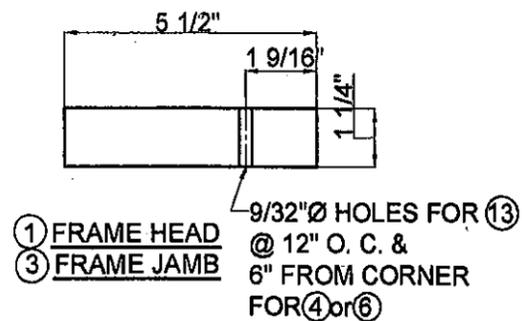
10-097
DRAWING No

SHEET 2 OF 10

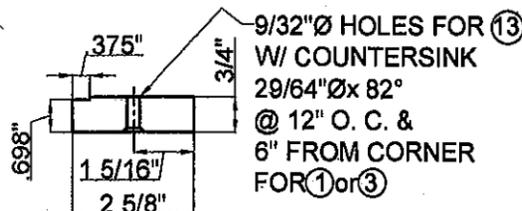


GLAZING PANEL DETAIL

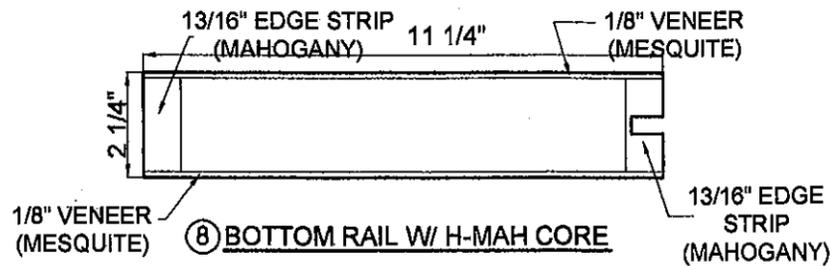
<p>PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 10-1108-02 Expiration Date DEC 08, 2015 By: Ishag I. Chaudhry Miami Dade Product Control</p> <p>MIAMI-DADE COUNTY</p>	<p>WALTER A. TILLIT LICENSE No. 44167 STATE OF FLORIDA P.E. SEAL/SIGNATURE/DATE</p>	<p>FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)</p>		<p>©2010 TILTECO, INC</p> <p>TILTECO inc.</p> <p>TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33188 Phone: (305)871-1830 • Fax: (305)871-1831 e-mail: tilliteco@aol.com EB-0008719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167</p>	<p>Craftsmen In Wood, Mfg. 5441 West Hadley St., Phoenix, AZ 85043 Phone: (602) 298-1050 Fax: (602) 298-1052</p>	<p>Drawn By: Jeff Helle/J.A.S./M.C.V.</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 05-233</td> <td>11/04/10</td> <td>M.C.V.</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 05-233	11/04/10	M.C.V.	2	-	-	-	3	-	-	-	4	-	-
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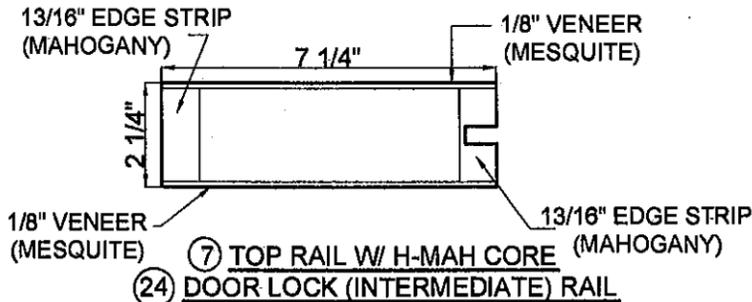
① FRAME HEAD
③ FRAME JAMB
9/32" Ø HOLES FOR ⑬ @ 12" O.C. & 6" FROM CORNER FOR ④ or ⑥



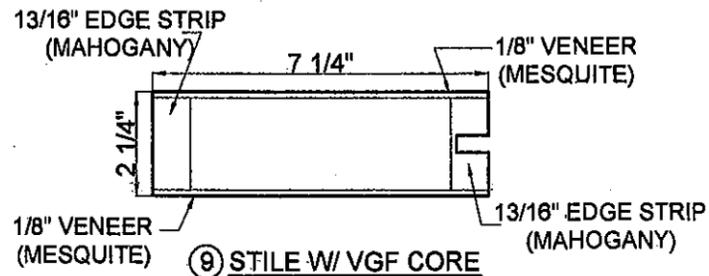
④ FRAME HEAD STOP
⑥ FRAME JAMB STOP



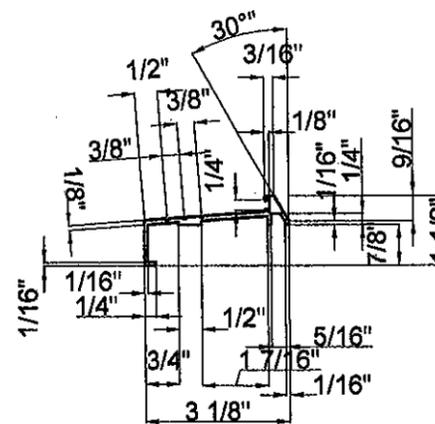
⑧ BOTTOM RAIL W/ H-MAH CORE
13/16" EDGE STRIP (MAHOGANY)
1/8" VENEER (MESQUITE)



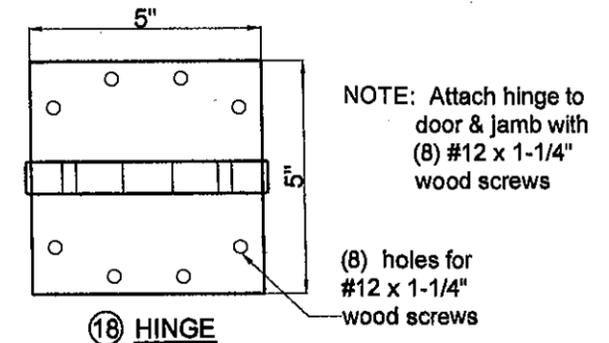
⑦ TOP RAIL W/ H-MAH CORE
⑭ DOOR LOCK (INTERMEDIATE) RAIL
13/16" EDGE STRIP (MAHOGANY)
1/8" VENEER (MESQUITE)



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

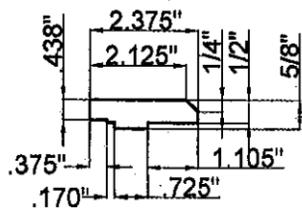


⑮ THRESHOLD PEMKO P/N 165DV48
Material: Aluminum alloy 6063-T6

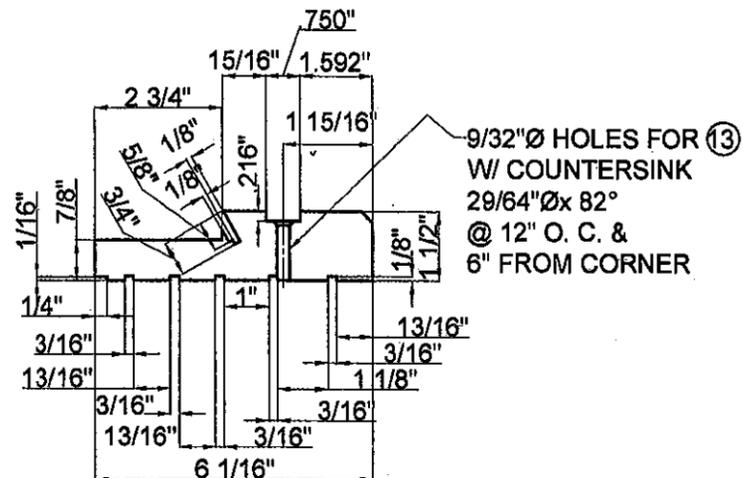


NOTE: Attach hinge to door & jamb with (8) #12 x 1-1/4" wood screws

⑱ HINGE
(8) holes for #12 x 1-1/4" wood screws

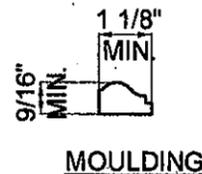


⑵ SILL STOP

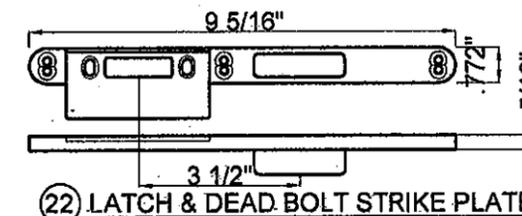


⑵ SILL

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

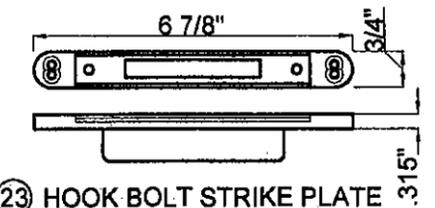


⑲ FOUR POINTS AGB POSEIDON SICURTOP LOCK



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.

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

**MODELS 1, 2 & 3:
COMPONENTS FOR DOORS W/ FRAME HEIGHT
LARGER THAN 86" UP TO 110 5/8"**

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 10-1108-02
Expiration Date DEC 08, 2015
By *Isaac L. Chant*
Miami Made Product Control

MIAMI-DADE COUNTY

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 38th 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) 298-1080 Fax: (602) 298-1082

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

SINGLE OUT-SWINGING WOOD ENTRANCE DOORS

Rev. No.	Description	Date	By
1	OLD 05-233	11/04/10	M.C.V.
2	GENERAL	01/20/11	M.C.V.
3	--	--	--
4	--	--	--

11/04/10
DATE

10-097
DRAWING No

SHEET 4 OF 10

BILL OF MATERIALS (MODELS 1, 2 & 3)

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 (.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 7-1/4"	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 11-1/4"	DOUG FIR(.51), ALD(.41), ENG. MAH(.45), CHERRY(.50), MESQ(.65), OAK (.61),TEAK (.55), WALNUT (.55), CYPRESS (.46), SPANISH CEDAR (.41) ♦
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 (.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"	PEMCO #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 MODELS 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 (.46), SPANISH CEDAR (.41) ♦

♦ MIN. MODULUS OF ELASTICITY FOR SPANISH CEDAR (0.41) = 1.2 ksi AND 1.0 ksi FOR ALDER (0.41)

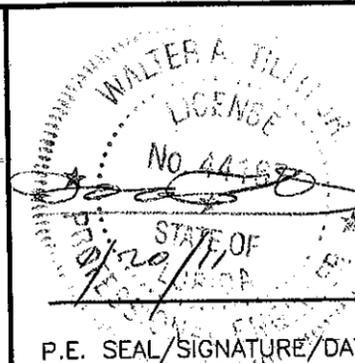
NOTES :

* 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 RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-1108-02
Expiration Date DEC 15, 2015
By: *Walter A. Tillit Jr.*
Miami Dade Product Control

MIAMI-DADE COUNTY



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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FLORIDA Lic. # 44187

Craftsmen In Wood, Mfg.
5441 West Hadley St., Phoenix, AZ 85043
Phone: (602) 296-1050 Fax: (602) 296-1052

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

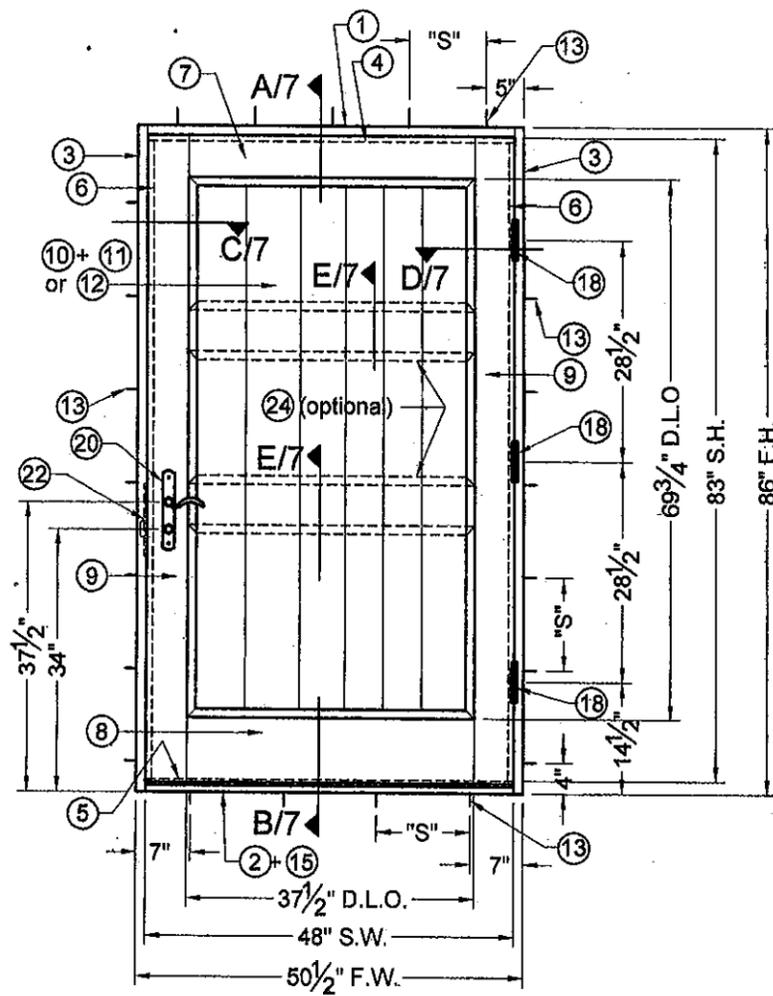
SINGLE OUT-SWINGING WOOD ENTRANCE DOORS

Rev. No	Description	Date	By
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2	GENERAL	01/20/11	M.C.V.
3	-	-	-
4	-	-	-

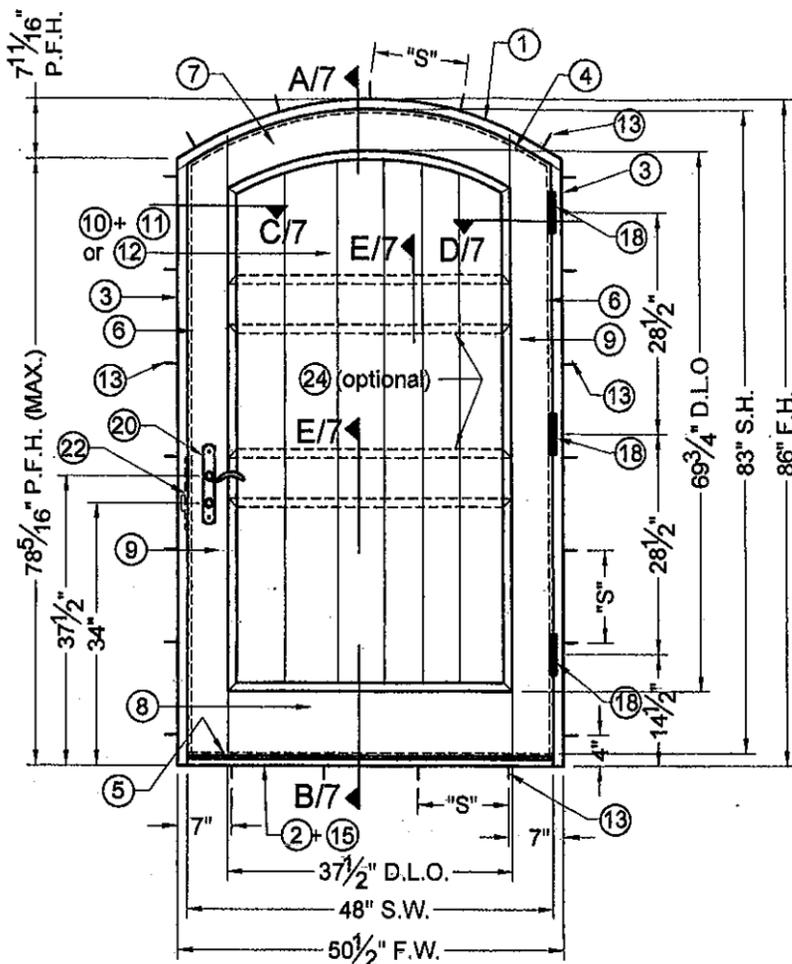
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DATE

10-097
DRAWING No

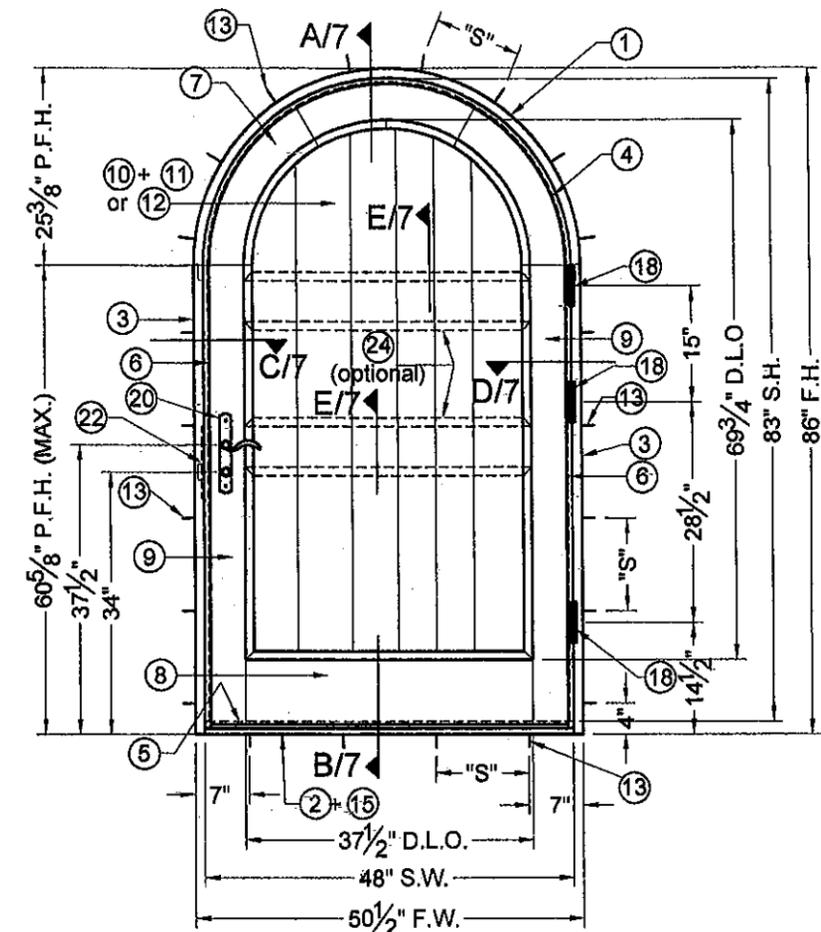
SHEET 5 OF 10



REGULAR DOOR MODEL 4
(X)



EYEBROW DOOR MODEL 5
(X)



ARCH DOOR MODEL 6
(X)

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"

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-1108-02
Expiration Date: DEC 08, 2015
By: *Shay L. Chant*
Miami-Dade Product Control

MIAMI-DADE COUNTY



P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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e-mail: tilteco@aol.com
EB-0008719
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44168

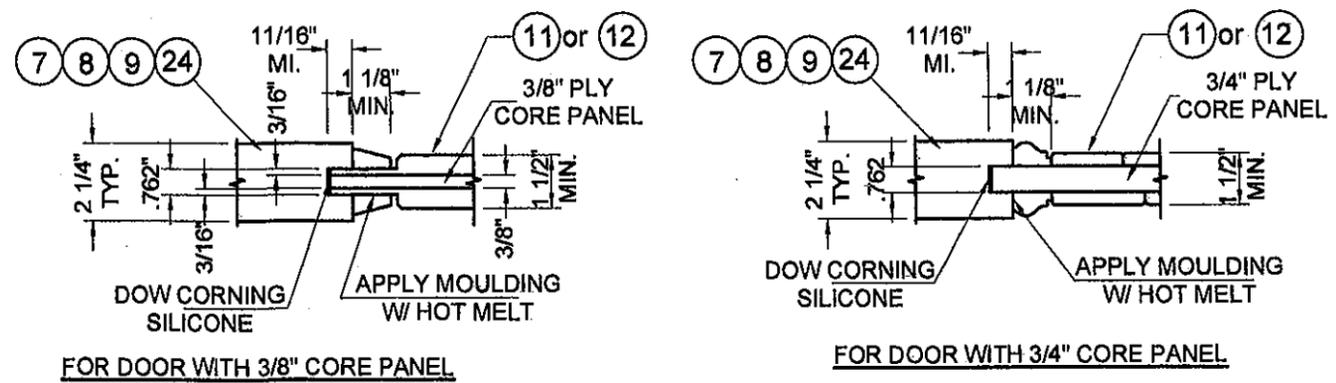
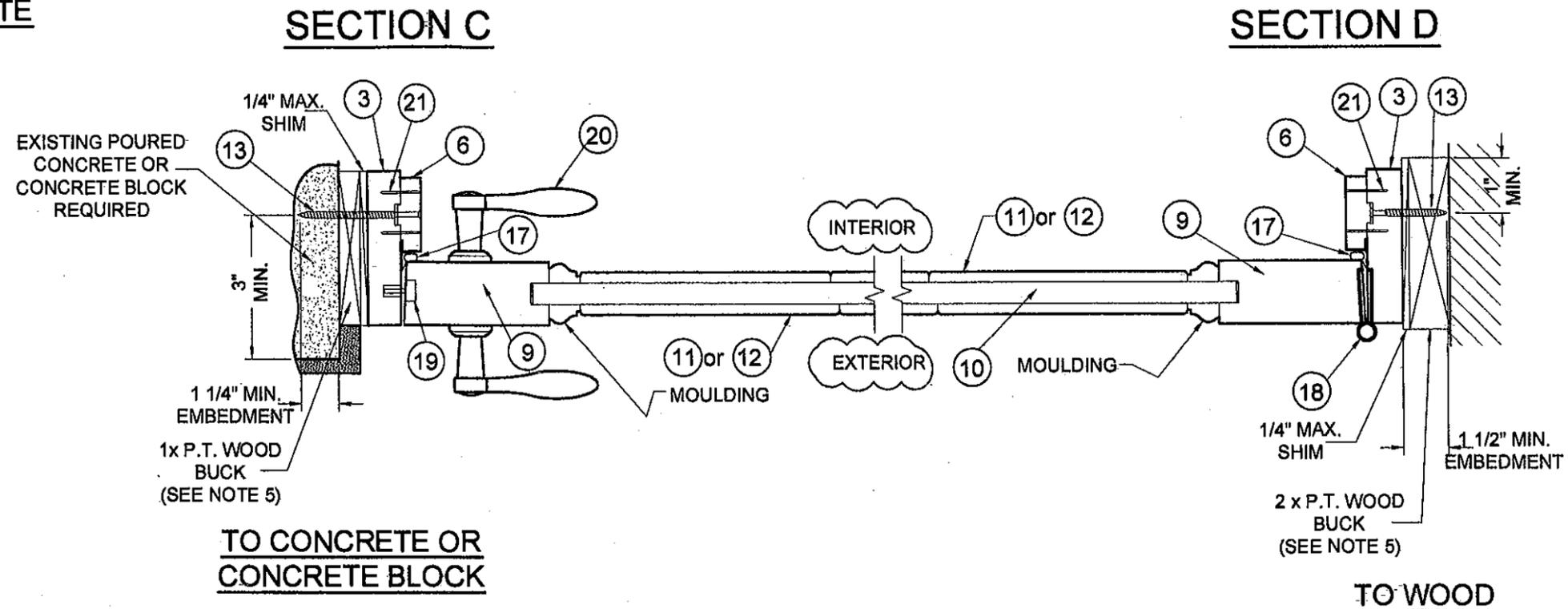
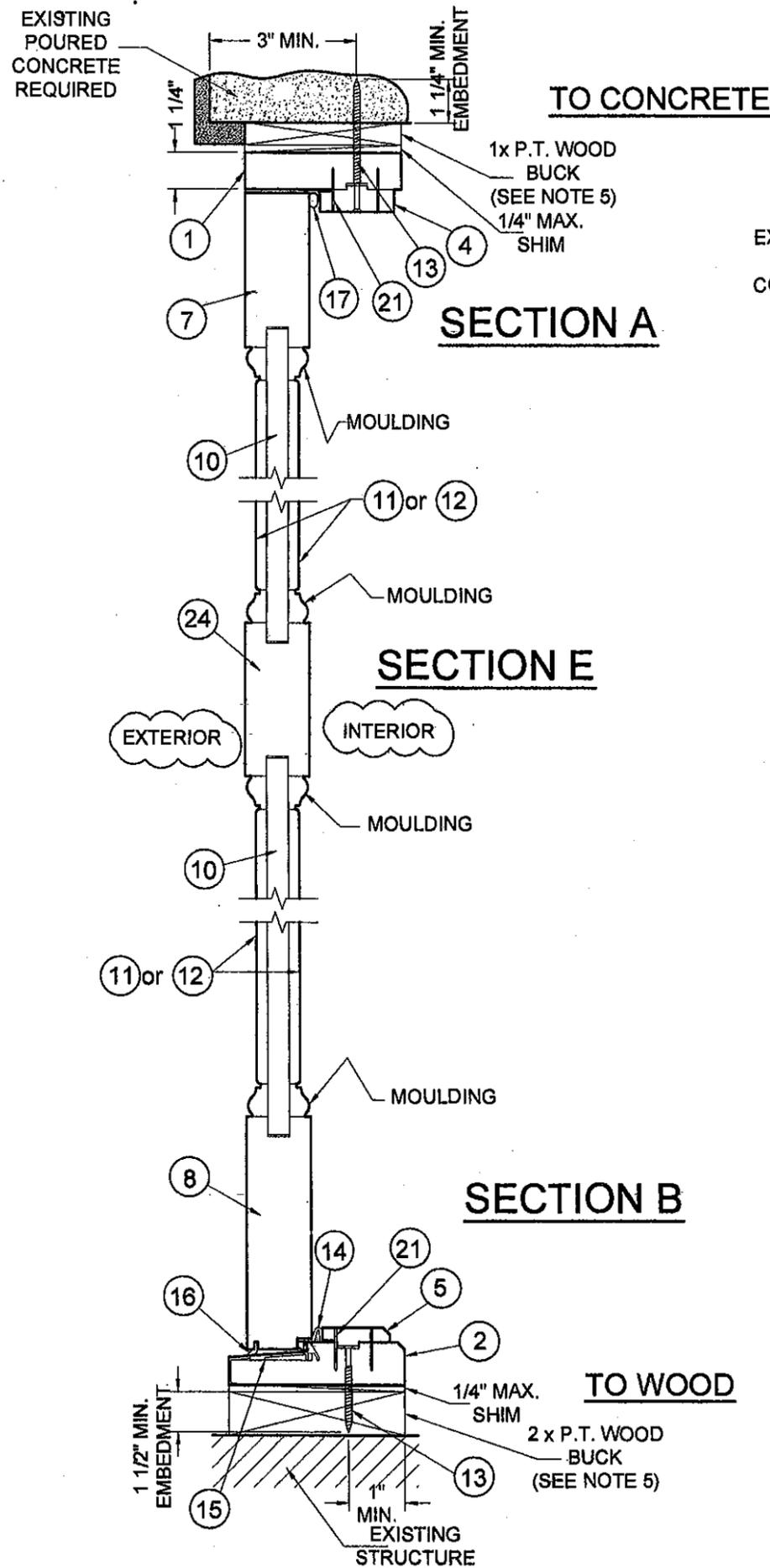
Craftsmen In Wood, Mfg.
5441 West Hadley St., Phoenix, AZ 85043
Phone: (602) 298-1030 Fax: (602) 298-1052

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

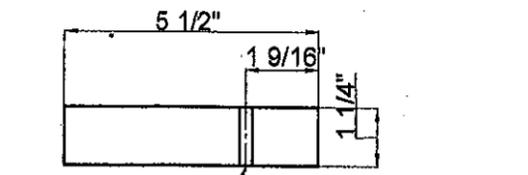
SINGLE OUT-SWINGING WOOD ENTRANCE DOORS

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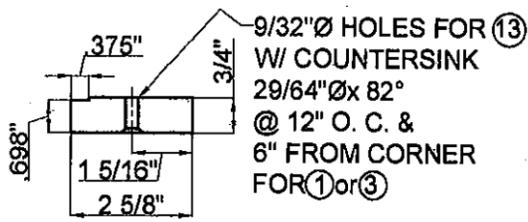
11/04/10
DATE
10-097
DRAWING No
SHEET 6 OF 10



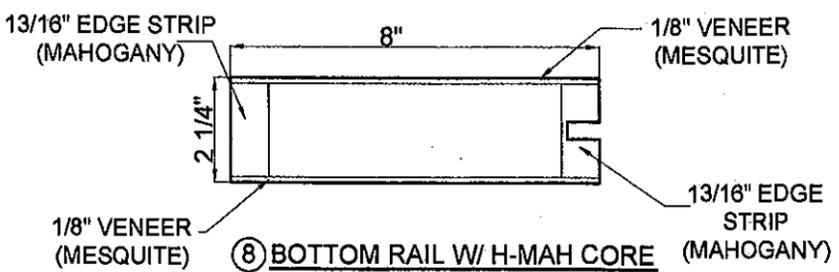
<p>PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 16-1109-02 Expiration Date DEC 28, 2015 By <i>Chas. J. Han</i> Miami Dade Product Contr.</p>		FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)		Drawn By: Jeff Helle/J.A.S./M.C.V.																				
		©2010 TILTECO, INC. TILLIT TESTING & ENGINEERING COMPANY 6355 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) 288-1050 Fax: (602) 288-1052		11/04/10 DATE																			
MIAMI-DADE COUNTY		P.E. SEAL/SIGNATURE/DATE		SINGLE OUT-SWINGING WOOD ENTRANCE DOORS																				
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				SHEET 7 OF 10																				



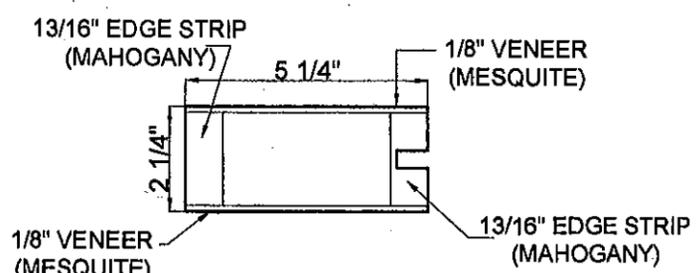
① FRAME HEAD
③ FRAME JAMB
9/32"Ø HOLES FOR ⑬
@ 12" O.C. &
6" FROM CORNER
FOR ④ or ⑥



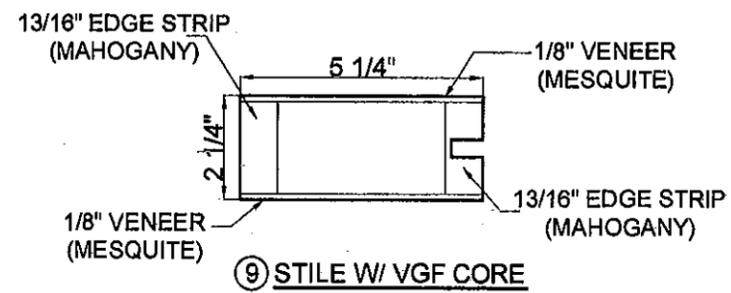
④ FRAME HEAD STOP
⑥ FRAME JAMB STOP
9/32"Ø HOLES FOR ⑬
W/ COUNTERSINK
29/64"Ø x 82°
@ 12" O.C. &
6" FROM CORNER
FOR ① or ③



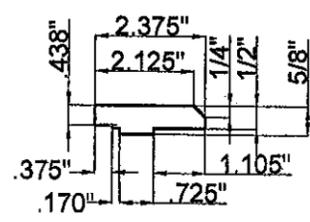
⑧ BOTTOM RAIL W/ H-MAH CORE



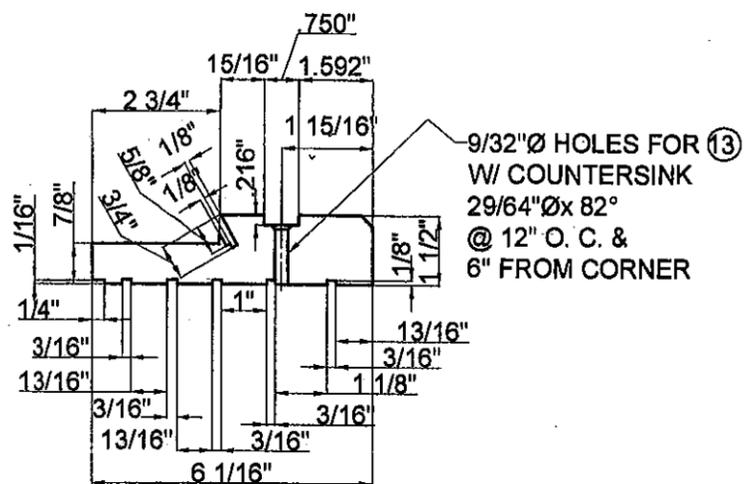
⑦ TOP RAIL W/ H-MAH CORE
⑭ DOOR LOCK (INTERMEDIATE) RAIL



⑨ STILE W/ VGF CORE

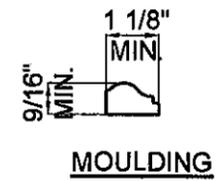


⑤ SILL STOP

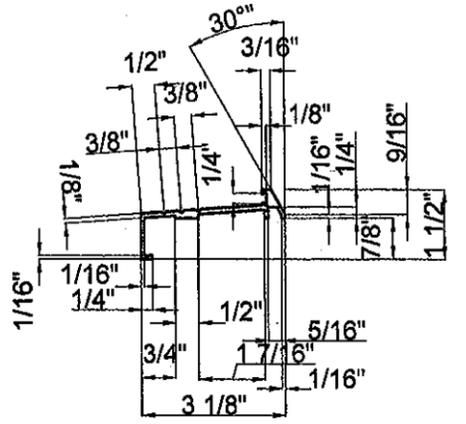


② SILL

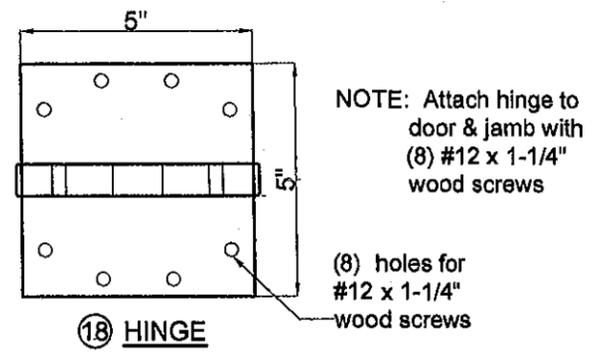
9/32"Ø HOLES FOR ⑬
W/ COUNTERSINK
29/64"Ø x 82°
@ 12" O.C. &
6" FROM CORNER



MOULDING



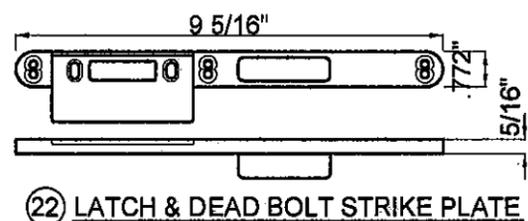
⑮ THRESHOLD PEMKO P/N 165DV48
Material: Aluminum alloy 6063-t6



⑱ HINGE

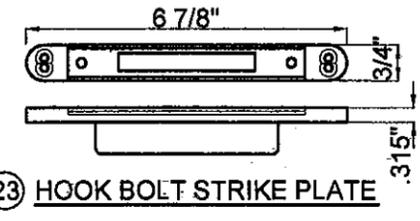
NOTE: Attach hinge to door & jamb with (8) #12 x 1-1/4" wood screws

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



⑳ LATCH & DEAD BOLT STRIKE PLATE

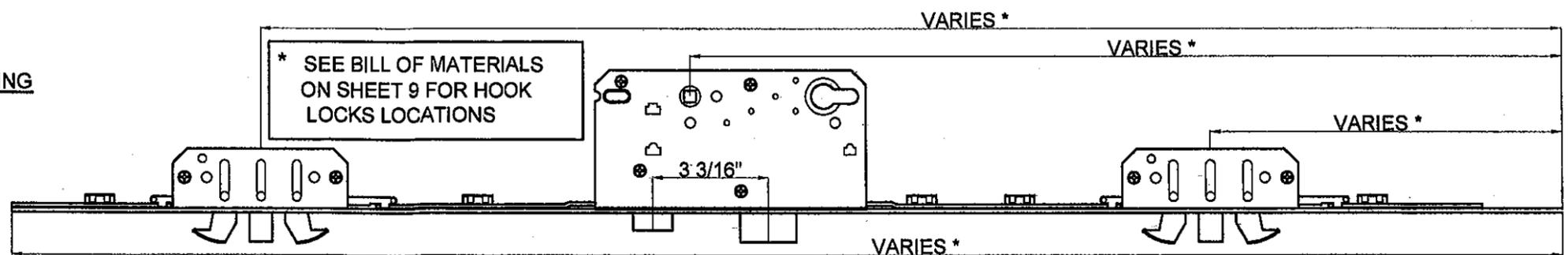
NOTE: Attach strike to jamb with three #8 x 1 1/4" F.H. SS wood screws and three #8 x 3" F.H. SS wood screws.



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.

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



⑲ THREE POINTS AGB POSEIDON SICURTOP LOCK

**MODELS 4, 5 & 6:
COMPONENTS FOR DOORS W/ FRAME
HEIGHT UP TO 86"**

<p>PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 10-1108-02 Expiration Date: DEC 28, 2015 By: <i>Isaac J. Chang</i> Miami Dade Product Control</p> <p>MIAMI-DADE COUNTY</p>	<p>P.E. SEAL/SIGNATURE/DATE</p>	<p>FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)</p>		<p>Drawn By: Jeff Helle/J.A.S./M.C.V.</p>																				
		<p>©2010 TILTECO, INC.</p> <p>TILTECO inc.</p> <p>TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33188 Phone: (305)871-1530, Fax: (305)871-1531 e-mail: tilteco@aol.com EB-0008719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167</p>	<p>Craftsmen In Wood, Mfg. 5441 West Hedley St., Phoenix, AZ 85043 Phone: (602) 288-1050 Fax: (602) 288-1052</p>		<p>11/04/10 DATE</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 05-233</td> <td>11/04/10</td> <td>M.C.V.</td> </tr> <tr> <td>2</td> <td>GENERAL</td> <td>01/20/11</td> <td>M.C.V.</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 05-233	11/04/10	M.C.V.	2	GENERAL	01/20/11	M.C.V.	3	-	-	-	4	-	-	-	<p>10-097 DRAWING No</p>
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3	-	-	-																					
4	-	-	-																					
			<p>SHEET 8 OF 10</p>																					

BILL OF MATERIALS (MODELS 4, 5 & 6)

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) ♦

♦ MIN. MODULUS OF ELASTICITY FOR SPANISH CEDAR (0.41) = 1.2 ksi AND 1.0 ksi FOR ALDER (0.41)

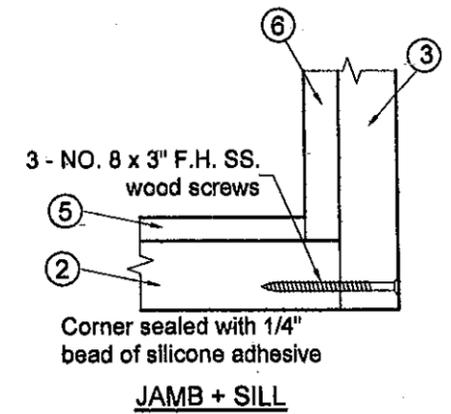
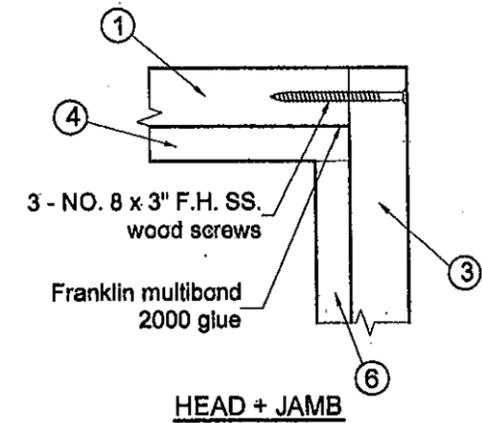
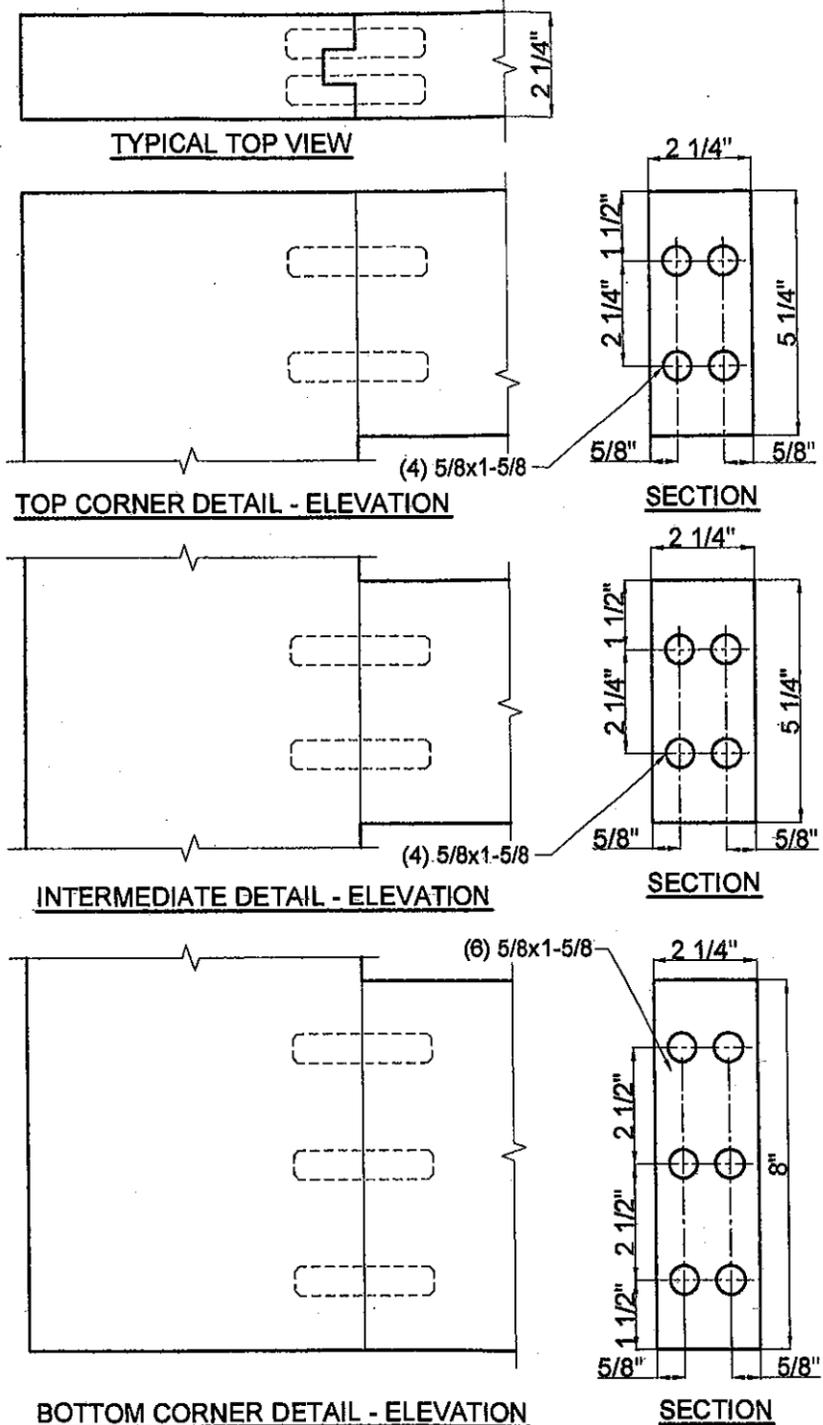
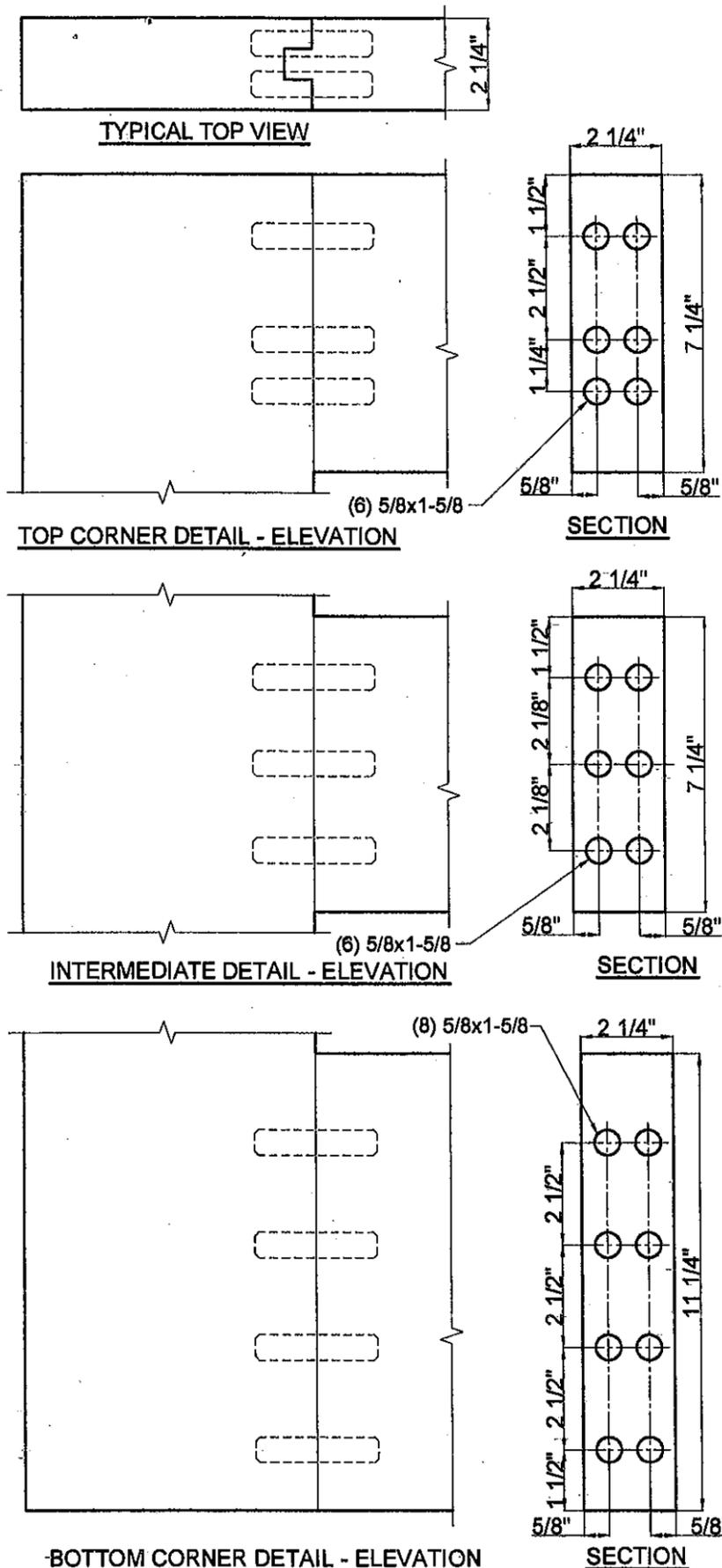
NOTES :
 * THE TOTAL THICKNESS OF PLYWOOD CORE PANEL + PLANKS OR RAISED PANEL SHALL BE = 1 1/2" MIN.
 ** SEE CONNECTION DETAILS AT ENDS ON SHEET 10

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No 10-1108-02
 Expiration Date DEC 28, 2015
 By Greg S. Chan
 Miami Dade Product Centre

MIAMI-DADE COUNTY

P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)			
©2010 TILTECO, INC		Craftsmen In Wood, Mfg. 5441 West Hadley St., Phoenix, AZ 85043 Phone: (602) 296-1050 Fax: (602) 296-1052	
 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 e-mail: tilteco@aol.com EB-0006718 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		Drawn By: Jeff Helle/J.A.S./M.C.V. 11/04/10 DATE 10-097 DRAWING No SHEET 9 OF 10	
SINGLE OUT-SWINGING WOOD ENTRANCE DOORS			
Rev. No	Description	Date	By
1	OLD 05-233	11/04/10	M.C.V.
2	GENERAL	01/20/11	M.C.V.
3	-	-	-
4	-	-	-



**FRAME CORNER DETAILS FOR DOORS
MODELS 1 THRU 6 FOR ALL FRAME HEIGHTS**

**SASH CORNER DETAILS FOR DOORS MODELS 4, 5 & 6
AT DOORS W/ FRAME HEIGHT UP TO 86"**

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

<p>PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 10-1108-02 Expiration Date DEC 08, 2015 By: <i>Shag L. Chaudhary</i> Miami Dade Produce Control</p>		<p>FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)</p> <p>©2010 TILTECO, INC</p> <p>TILTECO inc. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1830 Fax: (305)871-1831 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44187</p>		<p>Craftsmen In Wood, Mfg. 5441 West Hadley St., Phoenix, AZ 85043 Phone: (602) 298-1080 Fax: (602) 298-1052</p>		<p>Drawn By: Jeff Helle/J.A.S./ M.C.V.</p>																			
<p>MIAMI-DADE COUNTY</p>		<p>P.E. SEAL/SIGNATURE/DATE</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 05-233</td> <td>11/04/10</td> <td>M.C.V.</td> </tr> <tr> <td>2</td> <td>GENERAL</td> <td>01/20/11</td> <td>M.C.V.</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 05-233	11/04/10	M.C.V.	2	GENERAL	01/20/11	M.C.V.	3	-	-	-	4	-	-	-
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