



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) 372-6339

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

All American Supply Company  
12920 S.W. 120 Street  
Miami, FL 33186

**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 Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series 8'10" & 9'2" Opaque Wood Outswing Door - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. 07-215R1, Series titled "Swing Out Wood Door Solid Wood Panels", sheets 1 through 13 of 13, dated 06/28/2007 with the latest revision dated 11/02/2007, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

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

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

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

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

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

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



*Gascon*  
11/15/07

NOA No. 07-0828.03  
Expiration Date: December 06, 2012  
Approval Date: December 06, 2007  
Page 1

All American Supply Company

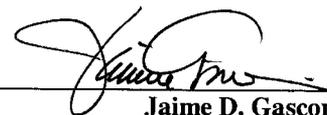
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **07-215R1**, Series titled "Swing Out Wood Door Solid Wood Panels", sheets 1 through 13 of 13, dated 06/28/2007 with the latest revision dated 11/02/2007, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P.E.

**B. TESTS**

1. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-4077**, dated 03/07/2007, signed and sealed by Rafael E. Droz-Seda, P.E.
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Air Infiltration Test, per FBC, TAS 202-94  
along with marked-up drawings and installation diagram, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-4076**, dated 03/07/2007, signed and sealed by Rafael E. Droz-Seda, P.E.
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-05-1941**, dated 11/11/2005, signed and sealed by Rafael E. Droz-Seda, P.E.
4. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-04-1926**, dated 08/17/2005, signed and sealed by Rafael E. Droz-Seda, P.E.
5. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-04-1924**, dated 02/08/2005, signed and sealed by Rafael E. Droz-Seda, P.E.



Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No. 07-0828.03

Expiration Date: December 06, 2012

Approval Date: December 06, 2007

All American Supply Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**B. TESTS (Continuous)**

6. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-04-1925**, dated 11/03/2004, signed and sealed by Rafael E. Droz-Seda, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by EngCo, Inc., dated 11/02/2007, signed and sealed by Pedro De Figueiredo, P.E.  
**Complies with ASTM E1300-98/02**

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. None

**F. STATEMENTS**

1. Statement letter of conformance, no financial interest and compliance, dated 07/15/2007, EngCo, Inc., signed and sealed by Pedro De Figueiredo, P.E.

**G. OTHER**

1. None



Jaime D. Gascon, P.E.  
Chief, Product Control Division  
NOA No. 07-0828.03

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- SHEET 1 of 13 - GENERAL NOTES & MODEL TYPES
- SHEET 2 of 13 - MODEL A ELEVATIONS
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- SHEET 13 of 13 - FRAME ASSEMBLY/ BILL OF MAT.

**GENERAL NOTES:**

1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004 ED. (2006 SUPPLEMENT) INCLUDING THE HIGH VELOCITY HURRICANE ZONES (HVHZ).

2- DEFINITION: THIS PRODUCT IS A SWING OUT WOOD TYPE DOOR RATED FOR LARGE AND SMALL MISSILE IMPACT RESISTANCE.

3- POSTING:  
 \* SWING OUT WOOD DOOR  
 LARGE & SMALL MISSILE IMPACT RESISTANT  
 ALL AMERICAN SUPPLY COMPANY.  
 MIAMI - FLORIDA  
 DADE COUNTY PRODUCT CONTROL APPROVED\*

4- DESIGN LOADS: LOADS MUST BE CALCULATED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE APPROVED PRESSURE.

5- MATERIAL: ALL WOOD PARTS TO BE AS SPECIFIED ON THIS APPROVAL.

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THIS CURRENT SET OF DRAWINGS.

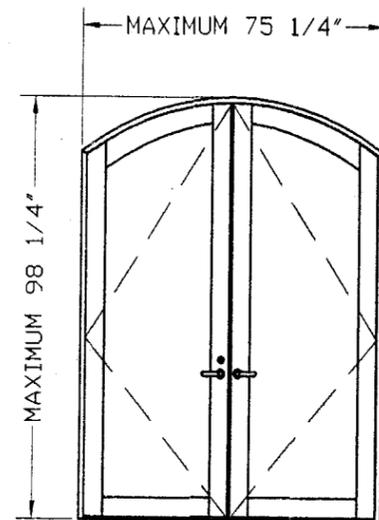
7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:

7.1- THE STABILITY OF THE STRUCTURE WHERE THE UNIT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.

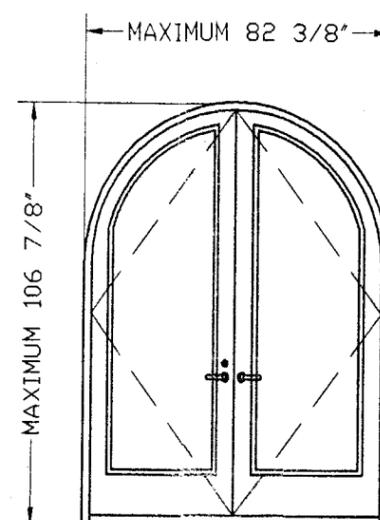
7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.

7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

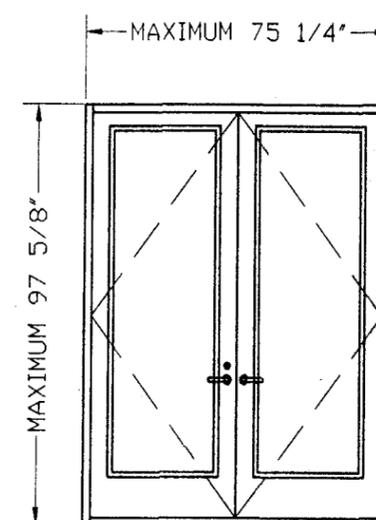
8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, EXCEPT WOOD SCREWS WITH 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.



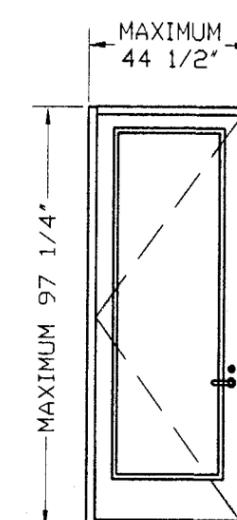
**MODEL A**  
 ELLIPSE DOOR  
 DP= ±75 PSF  
 FOR DETAILS REFER TO:  
 SHEET 2 of 13



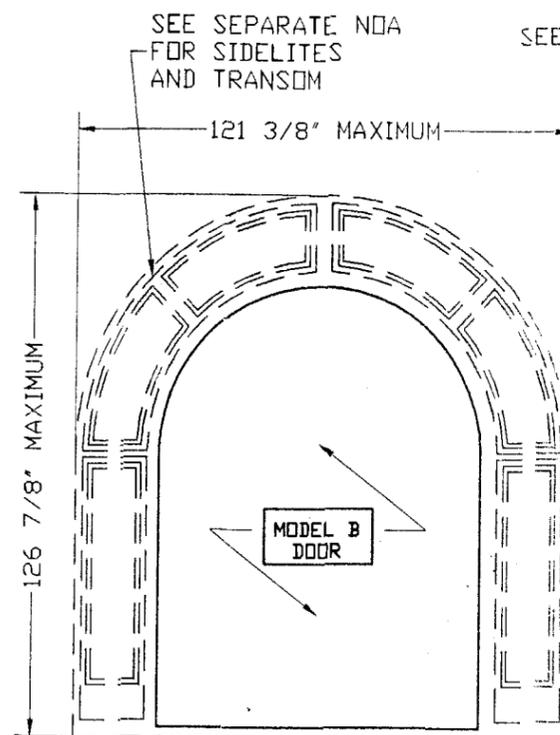
**MODEL B**  
 FULL ARCHED DOOR  
 DP= ±75 PSF  
 FOR MODEL B DETAILS REFER TO:  
 SHEET 3 of 13



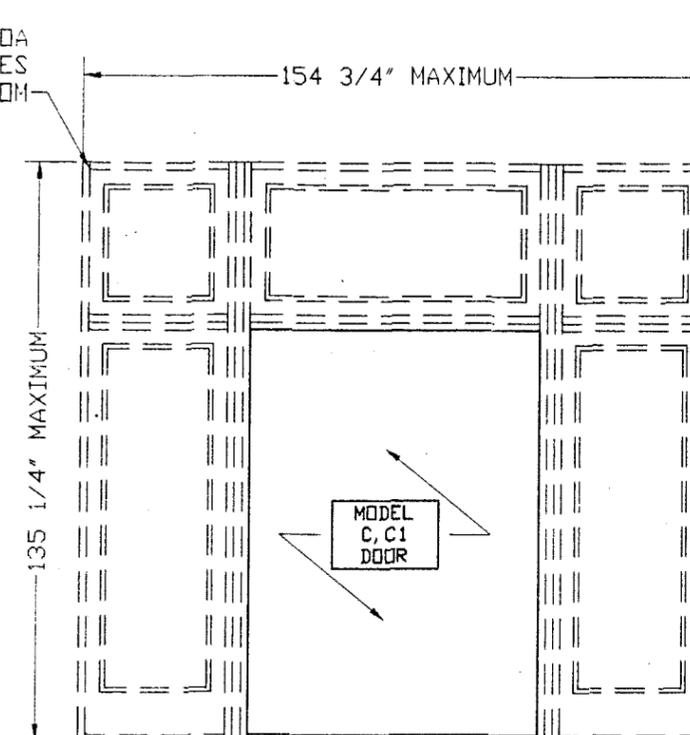
**MODEL C**  
 SQUARE FRENCH DOOR  
 DESIGNED LOADS AND DETAILS  
 REFER TO:  
 SHEET 4 of 13



**MODEL C1**  
 SQUARE SINGLE SWING-OUT DOOR  
 DESIGNED LOADS = ±75 PSF  
 FOR MODEL C1 DETAILS REFER TO:  
 SHEET 6 of 13



**MODEL D**  
 DOUBLE ARCH SWING-OUT DOOR  
 DP= ±75 PSF  
 FOR MODEL D DETAILS REFER TO:  
 SHEET 5 of 13 AND SEPARATE NOA



**MODEL E**  
 DOOR W/ SIDELITE & TRANSOM  
 DP = SHEET 4 OF 13  
 FOR DETAILS REFER TO:  
 SHEET 5 of 13 AND SEPARATE NOA

EACH DOOR, SIDELITE AND TRANSOM  
 MODEL CAN BE DESIGNED FOR ALL SASH  
 OPTIONS ON SHEET 7 of 13

MANUFACTURER:  
**All American  
 Supply Company**

12920 SW 120 STREET  
 MIAMI, FL. 33186  
 Tel.: (305) 255-7783  
 Fax.: (305) 255-6613

PRODUCT:  
**SWING OUT  
 WOOD DOOR**  
 SOLID WOOD PANELS

Engineering:  
**EngCo Inc.**  
 CA 8116  
 6971 W. Sunrise Blvd. 104  
 Plantation, Fl. 33313  
 Tel.: (954) 585-0304  
 Fax: (954) 585-0305  
 ENCGO @ AOL.COM



NOV 02 2007

Engineer Seal  
 Pedro De Figueiredo  
 PE 52609

DRAFTING:  
**PK DRAFTING & MORE**

Date: 10/09/07  
 Scale: NA  
 Design by: PPMF

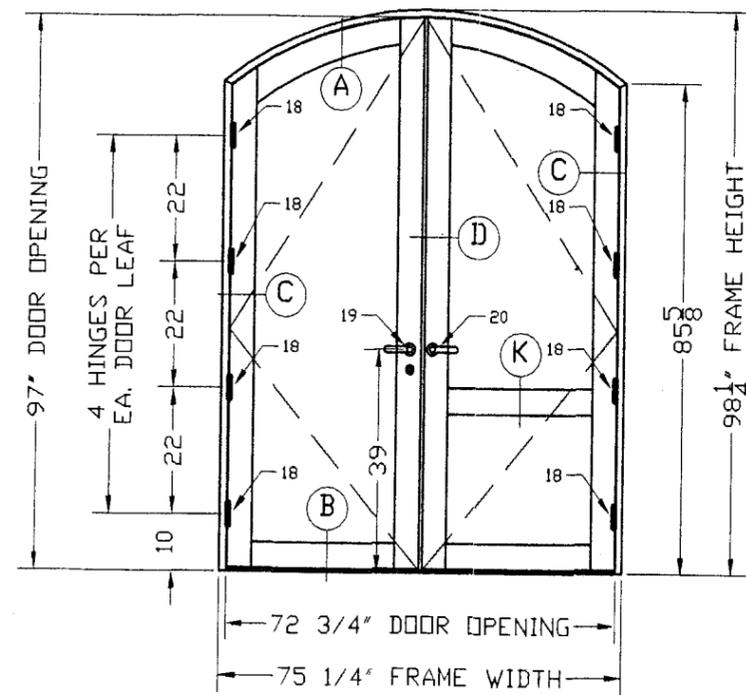
MIAMI-DADE BCCO:

Approved as complying with the  
 Florida Building Code  
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 NOA# 07-0828.03  
 Miami Dade Product Control  
 Division  
 By: *[Signature]*

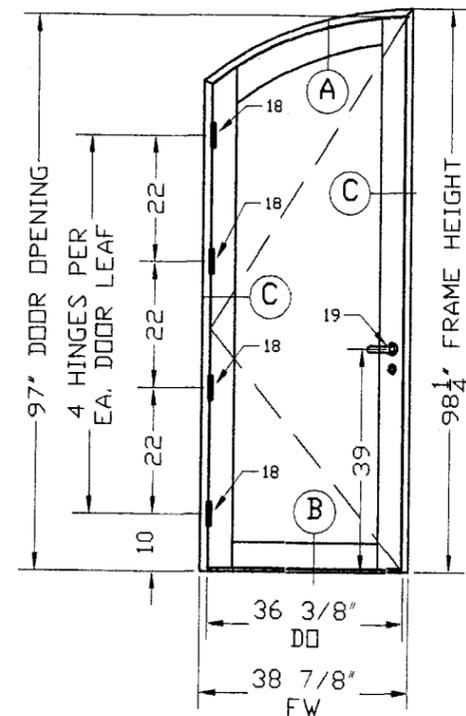
Drawing Number  
**07-215R1**

Sheet  
 1 of 13

TYPICAL ELEVATIONS

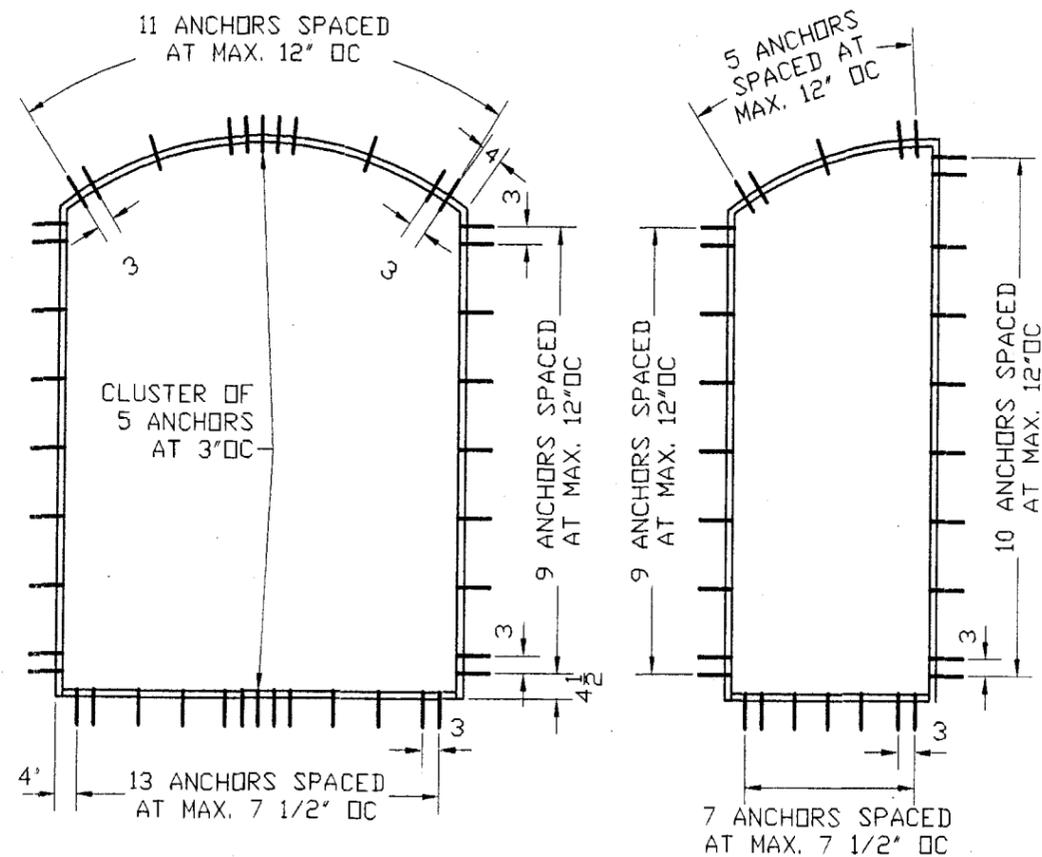


PAIR ELLIPSE DOOR



SINGLE HALF ELLIPSE DOOR

TYPICAL FRAME ANCHORAGE



PAIR ELLIPSE DOOR

SINGLE HALF ELLIPSE DOOR

SHEET	DETAILS
8	A, B, B1, B2, C
9	F, F1, H, H1, K
10	D

MIN. WOOD SPECIFIC GRAVITY = .53

MODEL A  
 ELLIPSE SWING-OUT DOOR  
 SINGLE DOOR (MAX. 36' X 97')  
 PAIR DOOR (MAX. 73' X 97')  
 DESIGNED LOADS  
 PD= +75 PSF, -75 PSF - (WATER INFILT. EXCEPTION)  
 PD= +60 PSF, -75 PSF - (NO WATER INFILTRATION)  
 SEE SHEET 6-13 FOR WATER INFILTRATION EXCEPTION

HARDWARE SCHEDULE	
HINGES <18>:	(4) 4X4XD.093 THICK BRASS COATED STEEL HINGES ATTACHED WITH (8) #10X1' FHSMS.
LOCK ACTIVE SASH <19>:	MULTI-POINT LOCK SYSTEM, KVF MODEL AS7370, FIVE POINTS ACTIVE WITH 3/4' THROW, ONE EACH AT HEAD AND SILL, AND THREE ENGAGING INTO THE INACTIVE LEAF, AND INSTALLED WITH A LEVER HANDLE AND STRIKE AT 39' FROM THE BOTTOM
INACTIVE STILE <20>:	LOCKED USING KVF MODEL AS7000, TWO POINT LOCK ENGAGING INTO HEAD AND SILL WITH 3/4' THROW. THE STRIKE PLATES WERE ATTACHED TO THE HEAD AND SILL WITH A COMBINATION OF (2) #10X2 3/4' FHSDS INTO THE REINFORCING BRASS INSERT AND (3) #10X1 FHSMS THROUGH THE STRIKE PLATE ITSELF.

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PRODUCT:  
**SWING OUT WOOD DOOR**  
 SOLID WOOD PANELS

Engineering:  
**EngCo Inc.**  
 CA 8116  
 6971 W. Sunrise Blvd. 104  
 Plantation, FL. 33313  
 Tel.: (954) 585-0304  
 Fax: (954) 585-0305  
 ENCGO @ AOL.COM

NOV 02 2007

Engineer Seal  
 Pedro De Figueredo  
 PE 52609

DRAFTING:  
**PK DRAFTING & MORE**

Date: 10/09/07  
 Scale: NA  
 Design by: PPMF

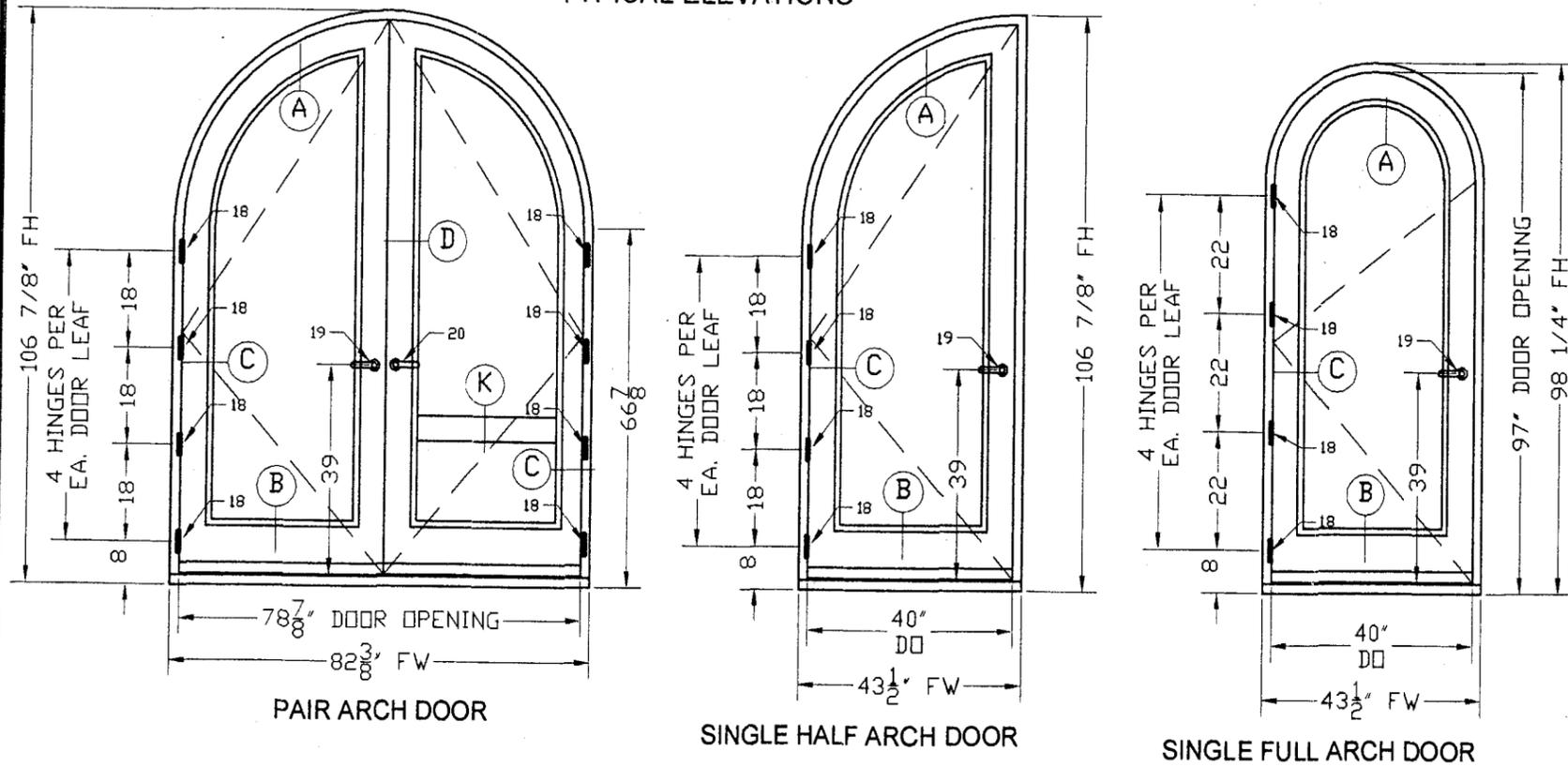
MIAMI-DADE BCCO:

Approved as complying with the Florida Building Code  
 Date 12/06/2007  
 NOA# 07-0828.63  
 Miami Dade Product Control Division  
 By *[Signature]*

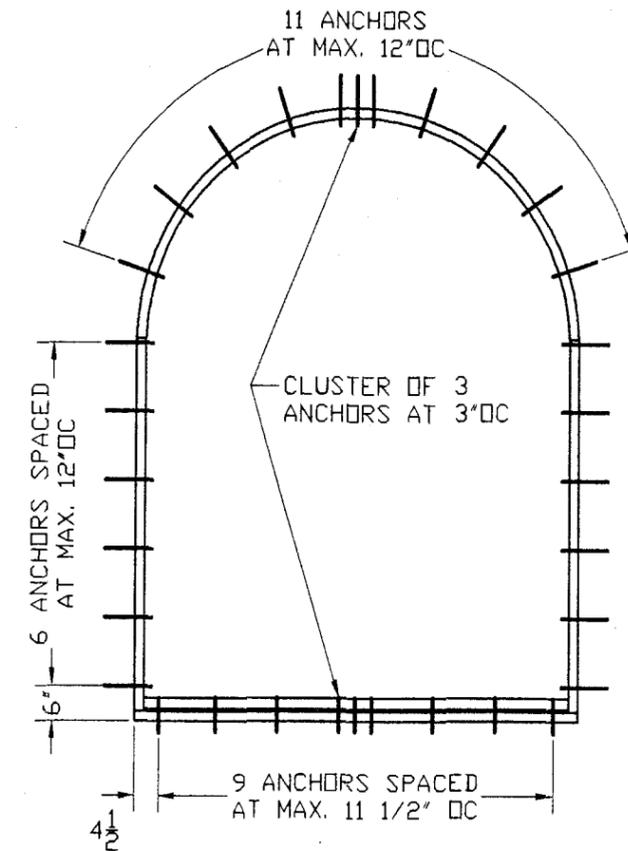
Drawing Number  
**07-215R1**

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 2 of 13

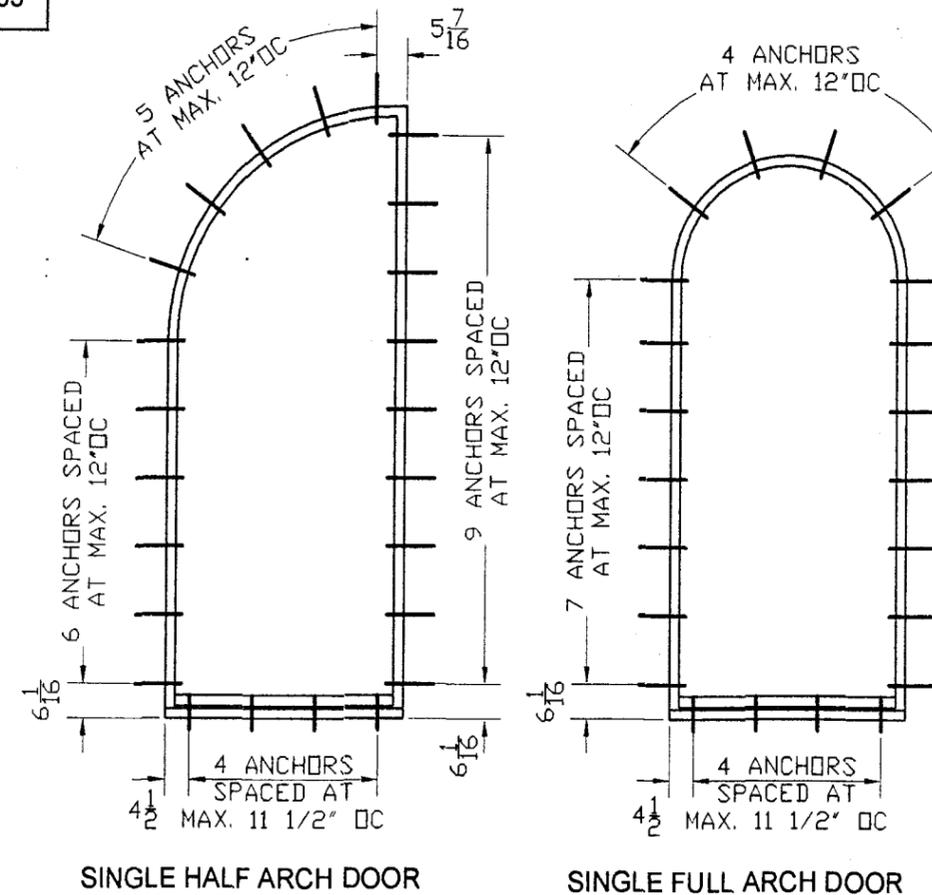
TYPICAL ELEVATIONS



TYPICAL FRAME ANCHORAGE



PAIR DOOR



SINGLE HALF ARCH DOOR

SINGLE FULL ARCH DOOR

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Drawing Number  
**07-215R1**

Sheet  
 3 of 13

**MODEL B**  
**ARCHED SWING-OUT DOOR**  
 SINGLE DOOR <MAX. 40' X 107''>  
 PAIR DOOR <MAX. 78' X 107''>  
 PD= +75 PSF, -75 PSF - (WATER INFILT. EXCEPTION)  
 PD= +60 PSF, -75 PSF - (NO WATER INFILTRATION)  
 SEE SHEET 6-13 FOR WATER INFILTRATION EXCEPTION

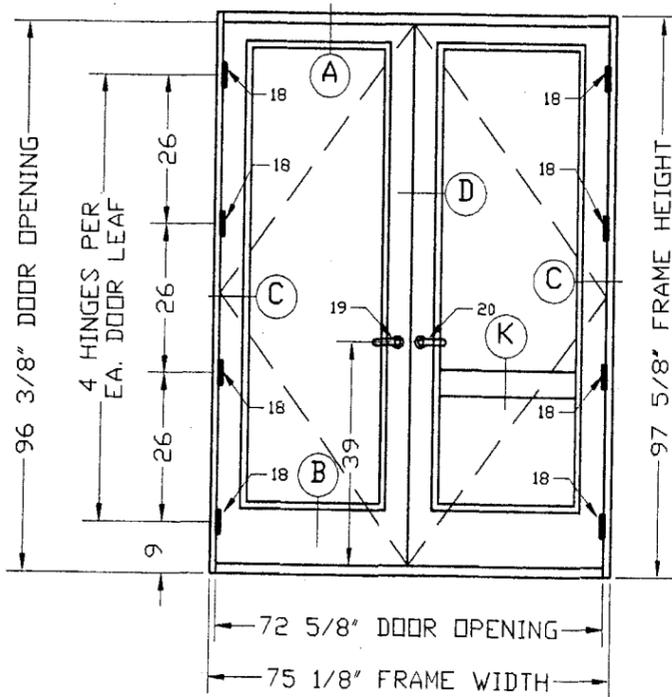
MIN. WOOD SPECIFIC GRAVITY = .53

HARDWARE SCHEDULE

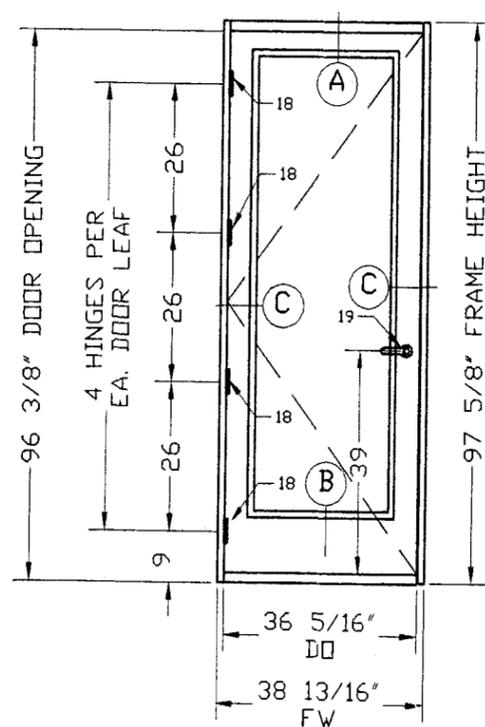
- HINGES <18>:  
 (4) 4X4X0.123 THICK STEEL HINGES COATED W/ BRONZE ATTACHED WITH (8) #10X1" FHSMS.
- LOCK ACTIVE SASH <19>:  
 MULTI-POINT LOCK SYSTEM, KVF MODEL AS7370, FIVE POINT ACTIVE WITH 3/4" THROW, ONE EACH AT HEAD AND SILL AND THREE ENGAGING INTO THE INACTIVE LEAF, AND INSTALLED WITH A LEVER HANDLE AND A STRIKE AT 39" FROM THE BOTTOM.
- INACTIVE STILE <20>:  
 ONE KVF MODEL AS7000, TWO POINT INACTIVE INTO HEAD AND SILL WITH 3/4" THROW. THE STRIKE PLATE AT TOP CONSISTED OF A STEEL PLATE 2X8X1/4" THICK WITH TWO HOLES WITH STEEL INSERT FOR LOCK BAR TO PENETRATE. THE PLATE WAS INSTALLED USING (6) 1/4X3" WOOD SCREWS IN A STAGGERED PATTERN. THERE WERE TWO STRIKE PLATES AT THE BOTTOM EACH 1.25 X 2X .125 THICK WITH STEEL INSERT FOR LOCK BAR TO ENGAGE.

SHEET	DETAILS
8	A, B, B1, B2, C
9	F, F1, H, H1, K
10	D

TYPICAL DOOR ELEVATIONS



PAIR DOOR



SINGLE DOOR

SHEET	DETAILS
8	A, B, B1, B2, C
9	F, F1, H, H1, K
10	D

MODEL C  
SQUARE SWING-OUT DOOR

SINGLE DOOR (MAX. 36' X 96')

PAIR DOOR (MAX. 72' X 96')

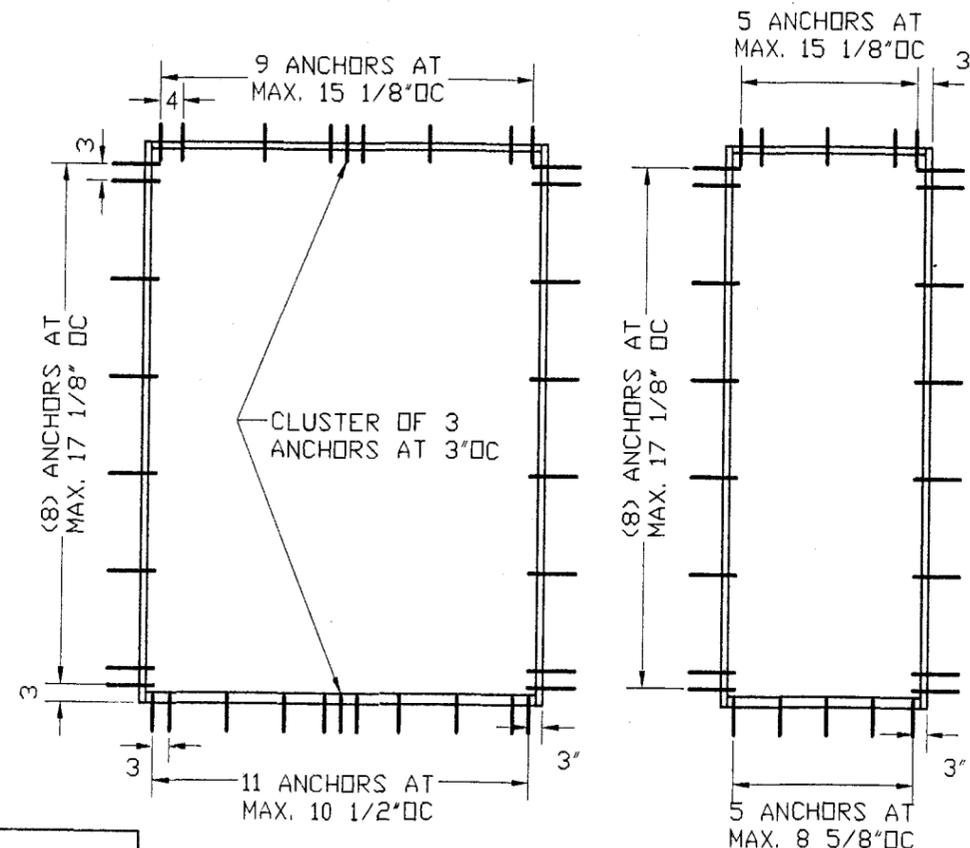
HARDWARE OPTION 1

PD= +75 PSF, -75 PSF - (WATER INFILT. EXCEPTION)  
PD= +60 PSF, -75 PSF - (NO WATER INFILTRATION)  
SEE SHEET 6-13 FOR WATER INFILTRATION EXCEPTION

HARDWARE OPTION 2

Pd= +55, -60 PSF (ALL LOCKS ENGAGED)  
Pd= +20, -16 PSF (PRIMARY LOCKS ONLY)

TYPICAL FRAME ANCHORAGE



PAIR DOOR

SINGLE DOOR

MIN. WOOD SPECIFIC GRAVITY = .53

HARDWARE SCHEDULE - OPTION 1

PD= +75 PSF, -75 PSF - (WITH WATER INFILTRATION)

PD= +60 PSF, -75 PSF - (NO WATER INFILTRATION)

HINGES <18>

(4) 4X4X0.123 THICK BRASS COATED STEEL HINGES ATTACHED WITH (8) #10X1' FHSMS.

LOCK ACTIVE SASH <19>

MULTI-POINT LOCK SYSTEM, KVV MODEL AS7370, FIVE POINTS ACTIVE W/ 3/4' THROW, ONE EACH AT HEAD AND SILL, AND THREE ENGAGING INTO THE INACTIVE LEAF, AND INSTALLED WITH A LEVER HANDLE AND STRIKE AT 39' FROM THE BOTTOM.

LOCK INACTIVE STILE <20>

LOCKED USING KVF MODEL AS7000, TWO POINT LOCK ENGAGING INTO HEAD AND SILL WITH 3/4' THROW.

HARDWARE SCHEDULE - OPTION 2

DESIGNED LOADS = +55 PSF, -60 PSF (ALL LOCKS ENGAGED)

DESIGNED LOADS = +20 PSF, -16 PSF (PRIMARY LOCKS ONLY)

HINGES <18>

(4) 4X4X0.123 THICK BRASS COATED STEEL HINGES ATTACHED WITH (8) #10X1' FHSMS.

LOCK ACTIVE STILE <19>

DEAD BOLT EMTEK #8455 GRADE 3. LATCH EMTEK #8100 GRADE 3 (PRIMARY LOCK)  
(2) HAGGER SURFACE BOLT 276D ATTACHED W/ (4) #10X1 3/4' SMS AND A 1/4' SHIM

LOCK INACTIVE STILE <20>

(2) W & F 24' FLUSH BOLT MODEL 2000-XX-1010 (PRIMARY LOCK)

NOTE: THIS HARDWARE SCHEDULE CAN BE USED WITH ALL OTHER DOOR MODELS LIMITED TO THE DESIGNED LOAD HERE IN SPECIFIED, MAXIMUM DIMENSIONS AND ANCHOR SPACING.

MANUFACTURER:  
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SOLID WOOD PANELS

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ENCGO @ AOL.COM



NOV 02 2007

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Pedro De Figueiredo  
PE 52609

DRAFTING:  
**PK DRAFTING & MORE**

Date: 10/09/07  
Scale: NA  
Design by: PPMF

MIAMI-DADE BCCO:

Approved as complying with the Florida Building Code  
Date 10/06/2007  
NOA# 07-0820.03  
Miami Dade Product Control Division  
By: *[Signature]*

Drawing Number  
**07-215R1**

Sheet  
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*[Signature]*  
 NOV 02 2007  
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 Pedro De Figueiredo  
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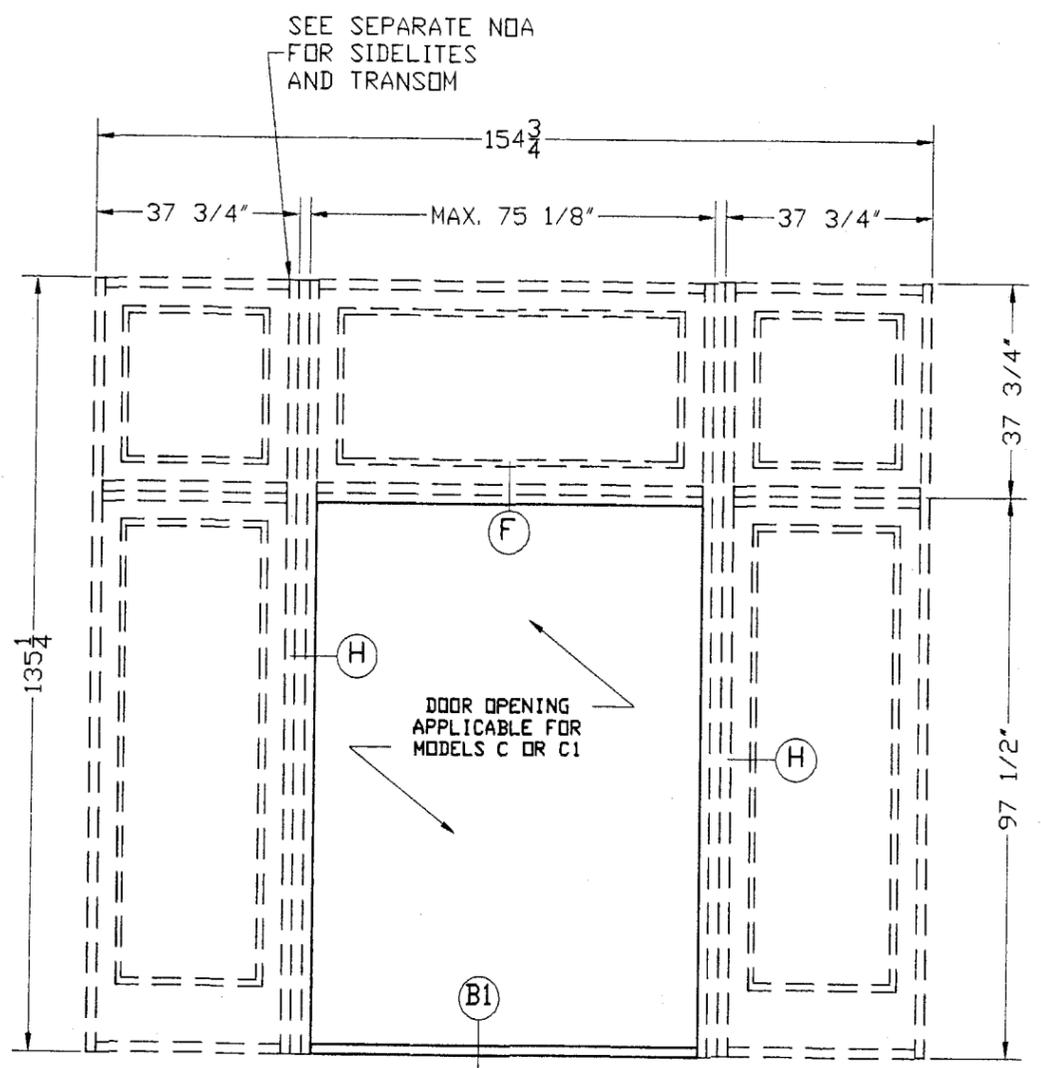
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 Design by: PPMF

MIAMI-DADE BCCO:

Approved as complying with the  
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 Date *12/06/2007*  
 NOA# *07-0822.03*  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

Drawing Number  
**07-215R1**

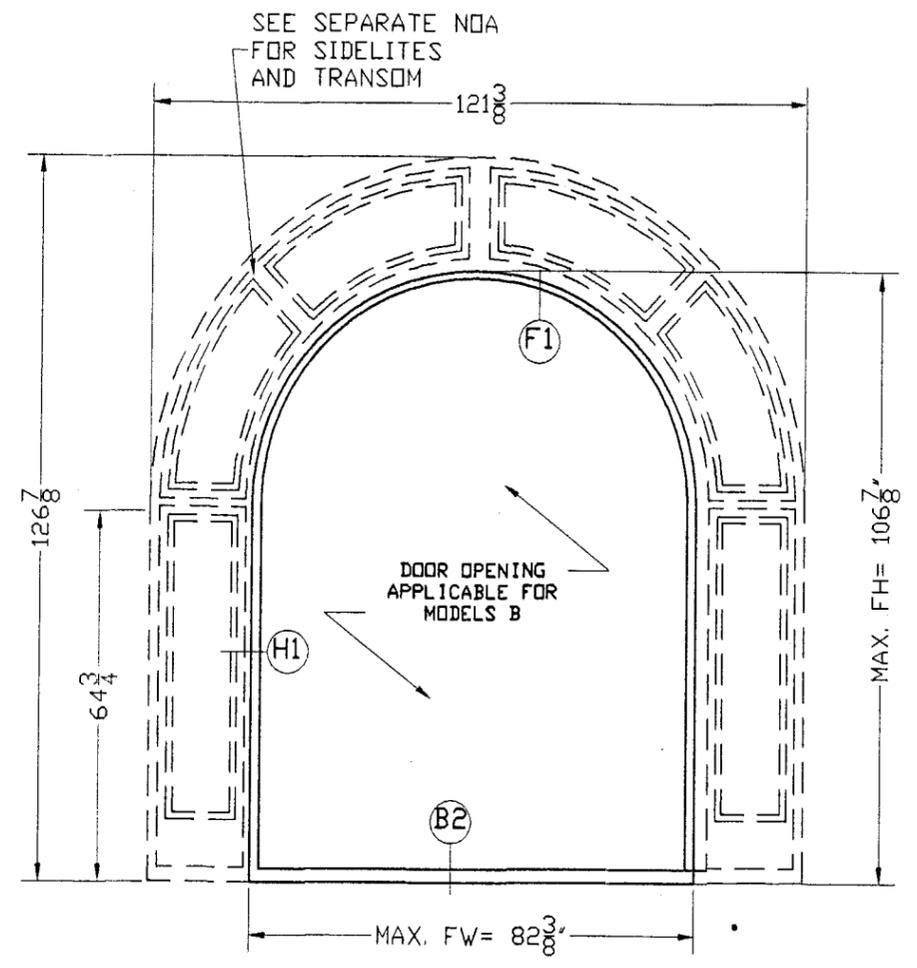
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TYPICAL ELEVATIONS

MODEL E  
 SQUARE DOOR W/ TRANSOM/SIDELITE  
 DESIGNED LOADS = SEE MODEL C & C1

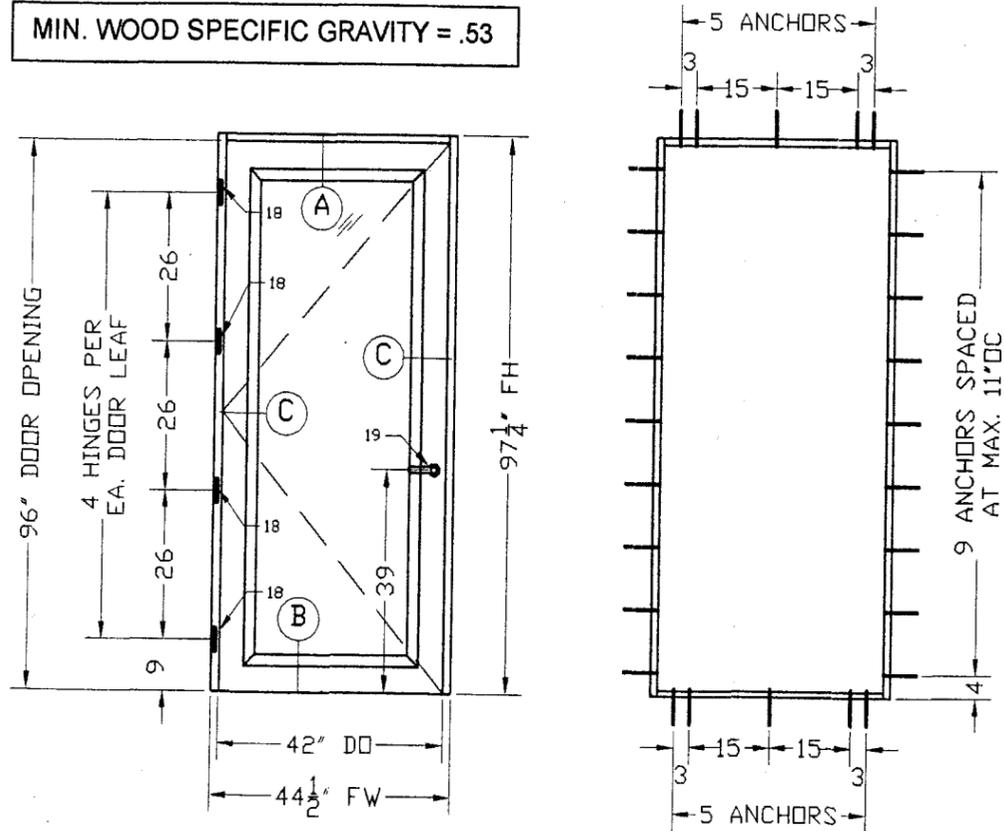
SHEET	DETAILS
8	A, B, B1, B2, C
9	F, F1, H, H1, K
10	D



TYPICAL ELEVATIONS

MODEL D  
 DOUBLE ARCH SWING-OUT DOOR  
 DP= ±75 PSF

MIN. WOOD SPECIFIC GRAVITY = .53



TYPICAL ELEVATIONS

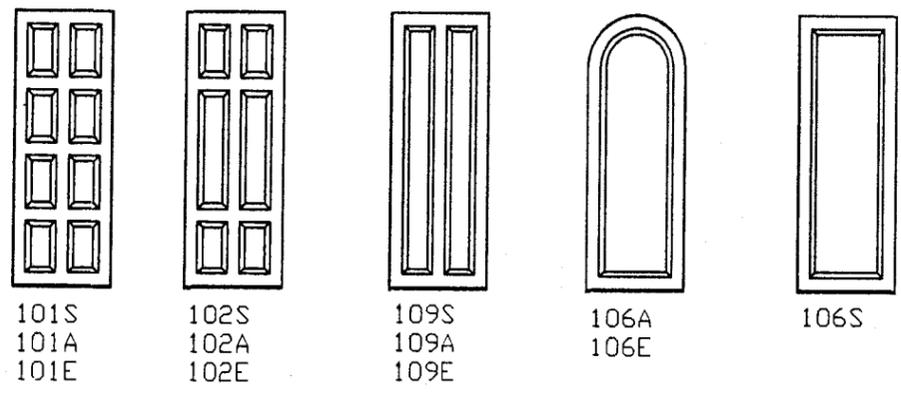
TYPICAL FRAME ANCHORAGE

**MODEL C1**  
**SQUARE SWING-OUT**  
 SINGLE DOOR (MAX. 42" X 96")  
 PD= +75 PSF, -75 PSF - (WATER INFILT. EXCEPTION)  
 PD= +60 PSF, -75 PSF - (NO WATER INFILTRATION)  
 SEE SHEET 6-13 FOR WATER INFILTRATION EXCEPTION

HARDWARE SCHEDULE	
HINGES <18>	
(4) 4X4X0.093 THICK BRONZE COATED STEEL HINGES ATTACHED WITH (8) #10X1' FHSMS.	
LOCK ACTIVE SASH <19>	
MULTI POINT LOCK SYSTEM, KFY MODEL AS7370, FIVE POINTS ACTIVE W/ 3/4" THROW, ONE EACH AT HEAD AND SILL, AND THREE ANCHORING INTO STRIKES LOCATED AT THE JAMB, AND INSTALLED WITH A LEVER HANDLE AND STRIKE AT 39" FROM THE BOTTOM. A 1 1/4" X 2" X 1/8" THICK STEEL STRIKE PLATE WITH A REINFORCING BRASS INSERT WAS ATTACHED TO THE HEAD USING (1) #10X2 3/4" WOOD SCREW. A BRASS INSERT WAS INSTALLED INTO THE SILL TO RECEIVE THE LOCK BAR USING A #10X1 WOOD SCREW.	

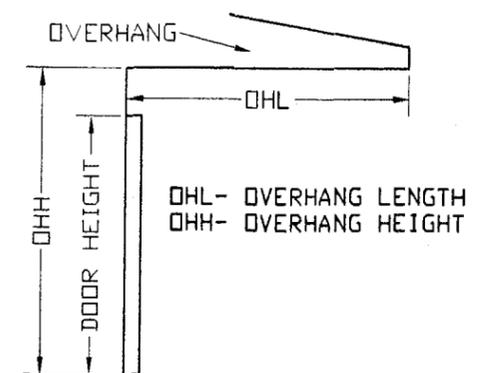
SHEET	DETAILS
8	A, B, B1, B2, C
9	F, F1, H, H1, K
10	D

**SASH PANEL OPTIONS**



MODEL	ARCH	SQUARE	ELLIPTICAL	DESCRIPTION
101	A	S	E	8 SOLID PANELS
102	A	S	E	6 SOLID PANELS
106	A	S	E	1 SOLID PANEL - SINGLE
109	A	S	E	2 SOLID PANEL

**WATER INFILTRATION EXCEPTIONS:** DOOR ASSEMBLIES INSTALLED IN NONHABITABLE AREAS OR INSTALLED UNDER AN OVERHANG WITH RATIO LENGTH/HEIGHT EQUAL OR MORE THAN 1, DO NOT NEED TO MEET THE TEST FOR WATER INFILTRATION.



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**All American Supply Company**  
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 MIAMI, FL. 33186  
 Tel.: (305) 255-7783  
 Fax.: (305) 255-6613

PRODUCT:  
**SWING OUT WOOD DOOR**  
 SOLID WOOD PANELS

Engineering:  
**EngCo Inc.**  
 CA 8116  
 6971 W. Sunrise Blvd. 104  
 Plantation, FL. 33313  
 Tel.: (954) 585-0304  
 Fax: (954) 585-0305  
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 PE 52609

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**PK DRAFTING & MORE**

Date: 10/09/07  
 Scale: NA  
 Design by: PPMF

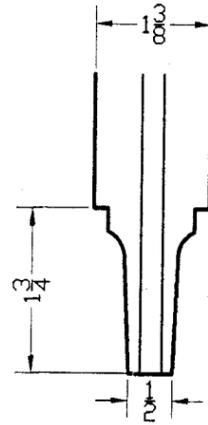
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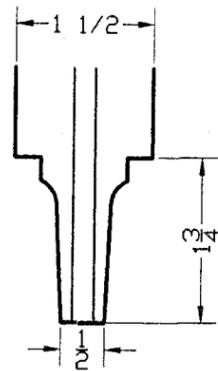
Drawing Number  
**07-215R1**

Sheet  
 6 of 13

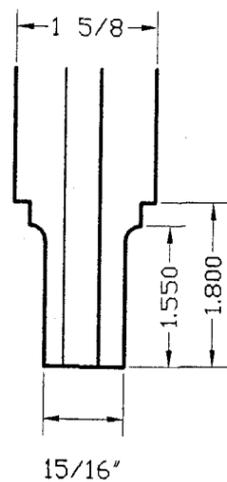
# WOOD PANEL OPTIONS



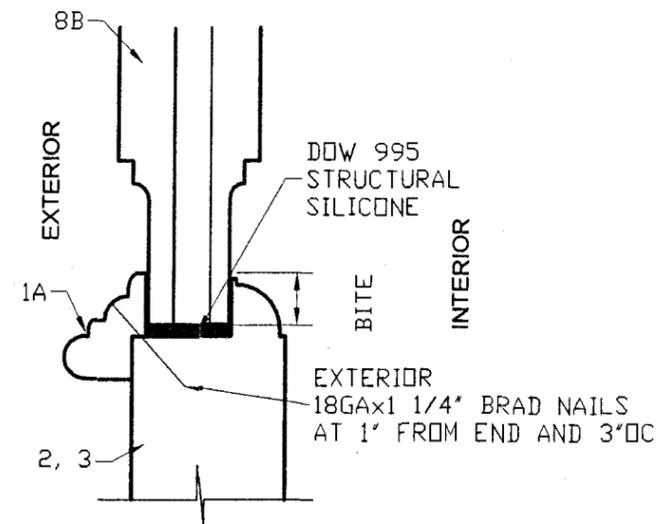
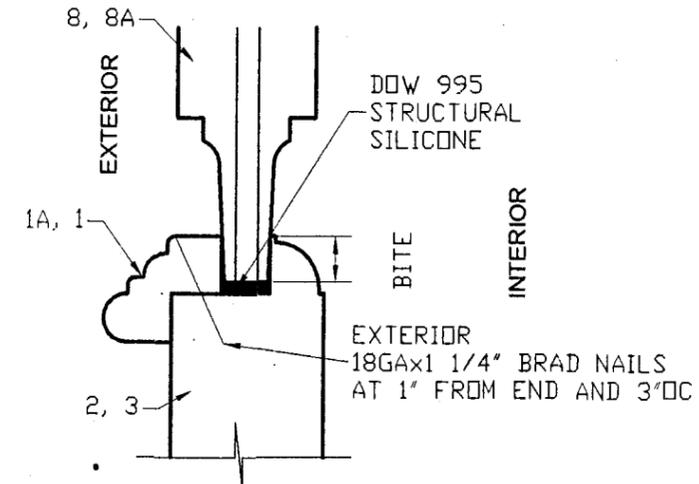
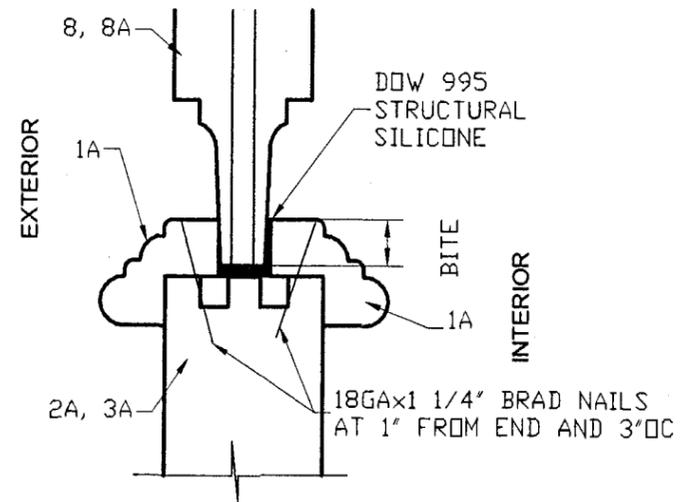
**TYPE 8**  
 1 3/8" COMPOSITE WOOD PANEL  
 MINIMUM BITE: 5/8"  
 1/2" MAHOGANY + 1/4" PLYWOOD + 1/2" MAHOGANY  
 THICKNESS REDUCED TO .50" AT PANEL STOPS.



**TYPE 8A**  
 1 1/2" COMPOSITE WOOD PANEL  
 MINIMUM BITE: 5/8"  
 5/8" MAHOGANY + 1/4" PLYWOOD + 5/8" MAHOGANY  
 THICKNESS REDUCED TO .50" AT PANEL STOPS.



**TYPE 8B**  
 1 5/8" COMPOSITE WOOD PANEL  
 MINIMUM BITE: 5/8"  
 1/2" MAHOGANY + 3/8" RED WOOD (SG=.81)+  
 0.010 POLYESTER FILM W/0.020 AIR GAP+ 5/8" MAHOGANY  
 THICKNESS REDUCED TO .92" AT PANEL STOPS.



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PRODUCT:  
**SWING OUT  
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 SOLID WOOD PANELS

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 Pedro De Figueiredo  
 PE 52609

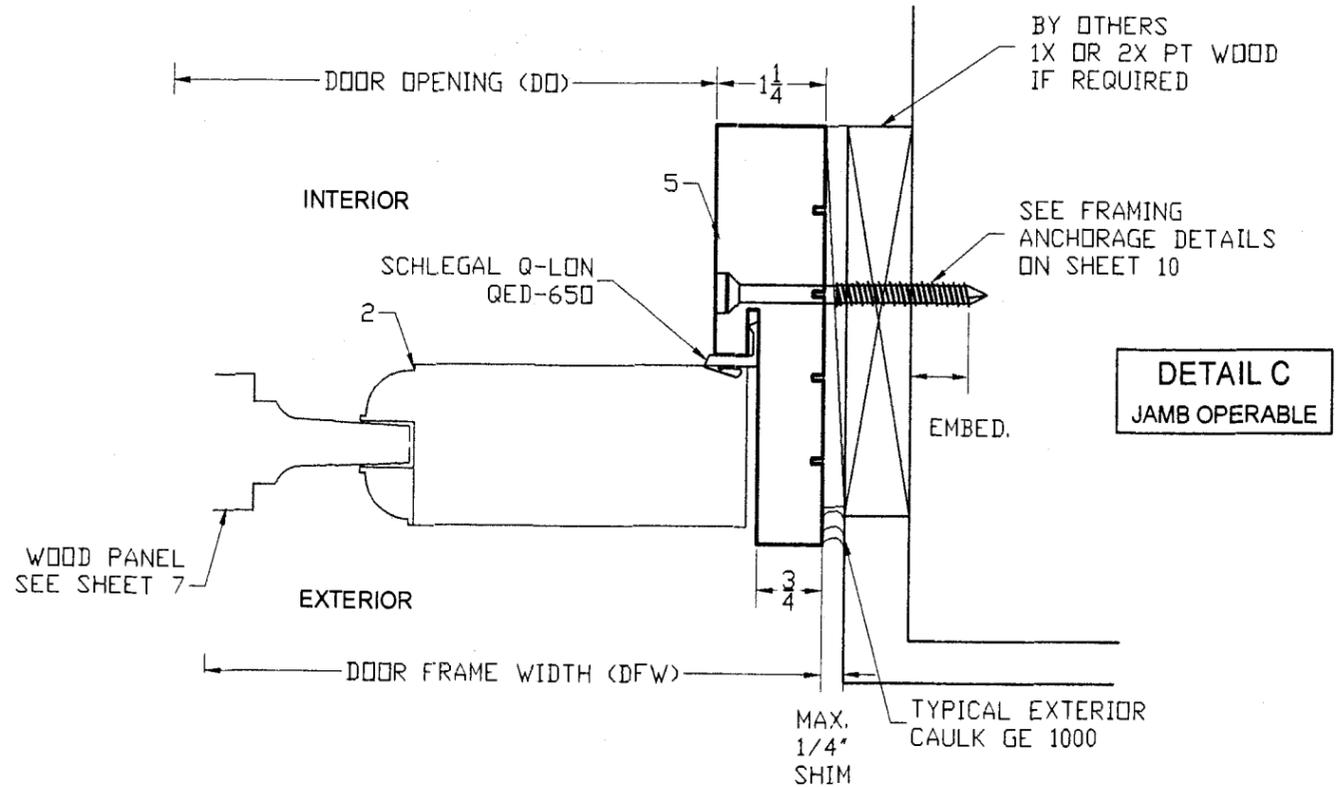
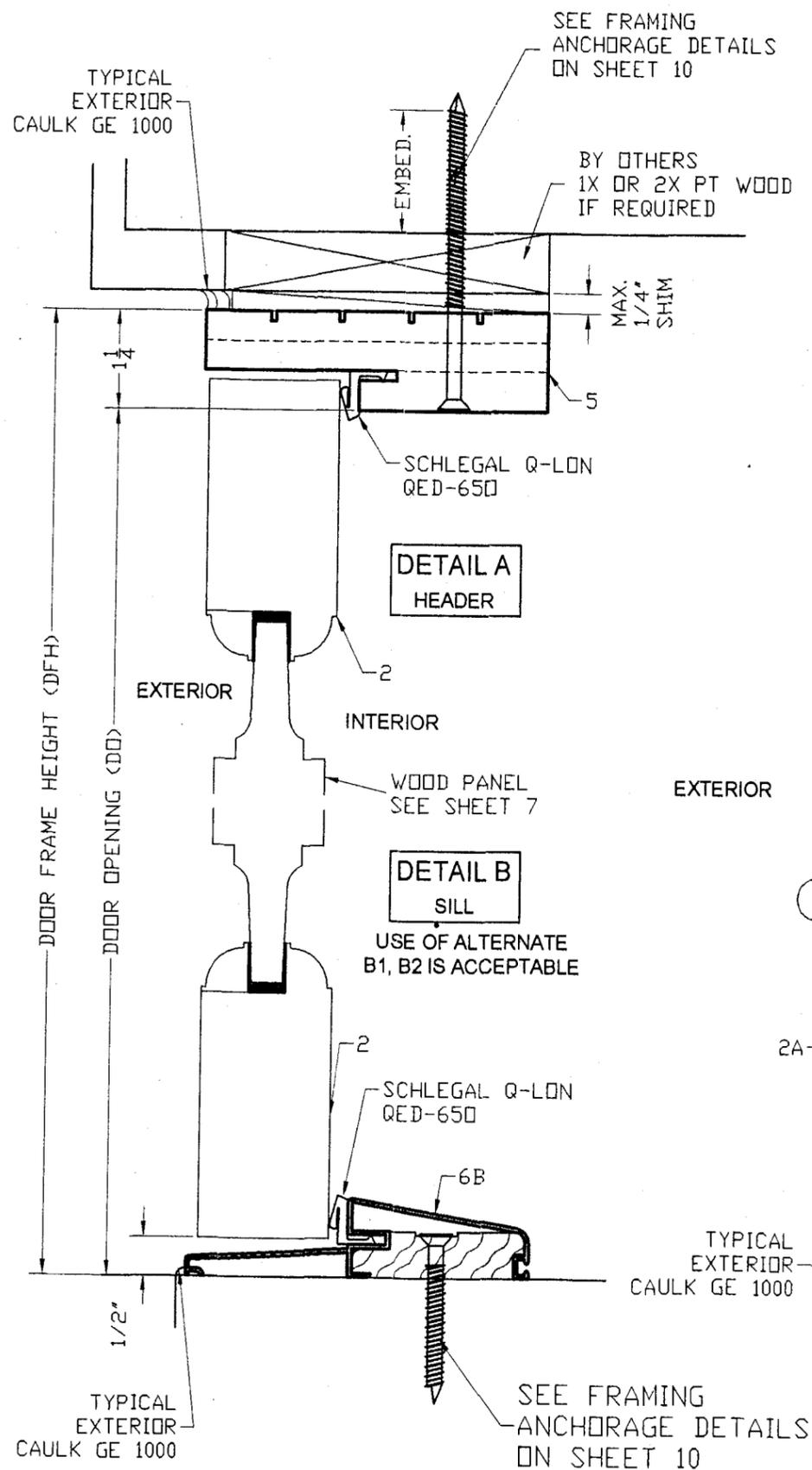
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**PK DRAFTING & MORE**

Date: 10/09/07  
 Scale: NA  
 Design by: PPMF

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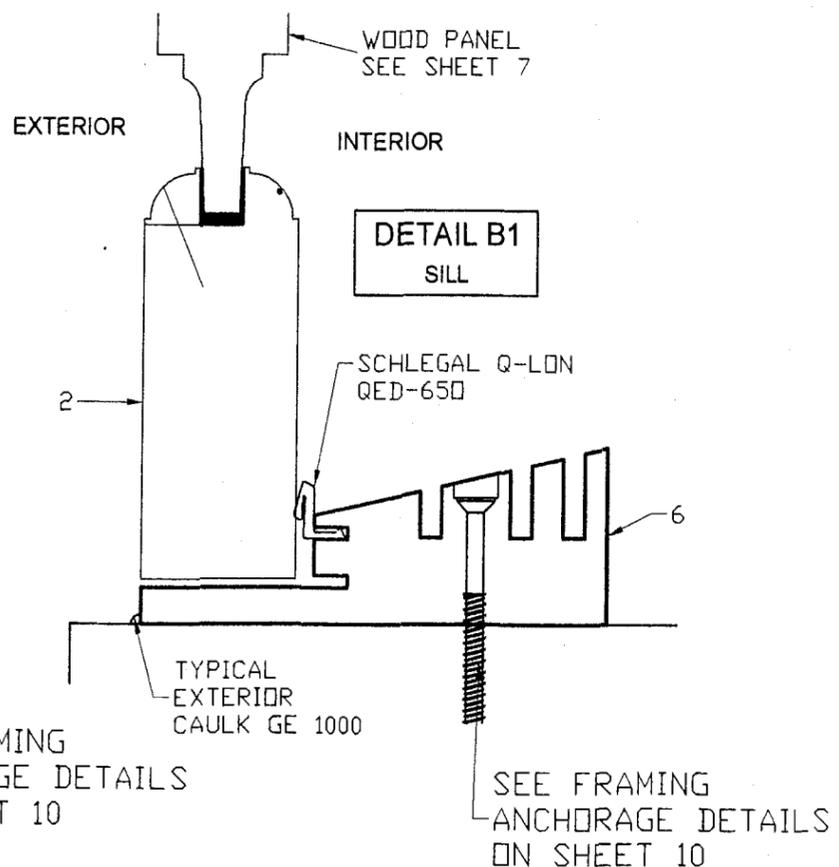
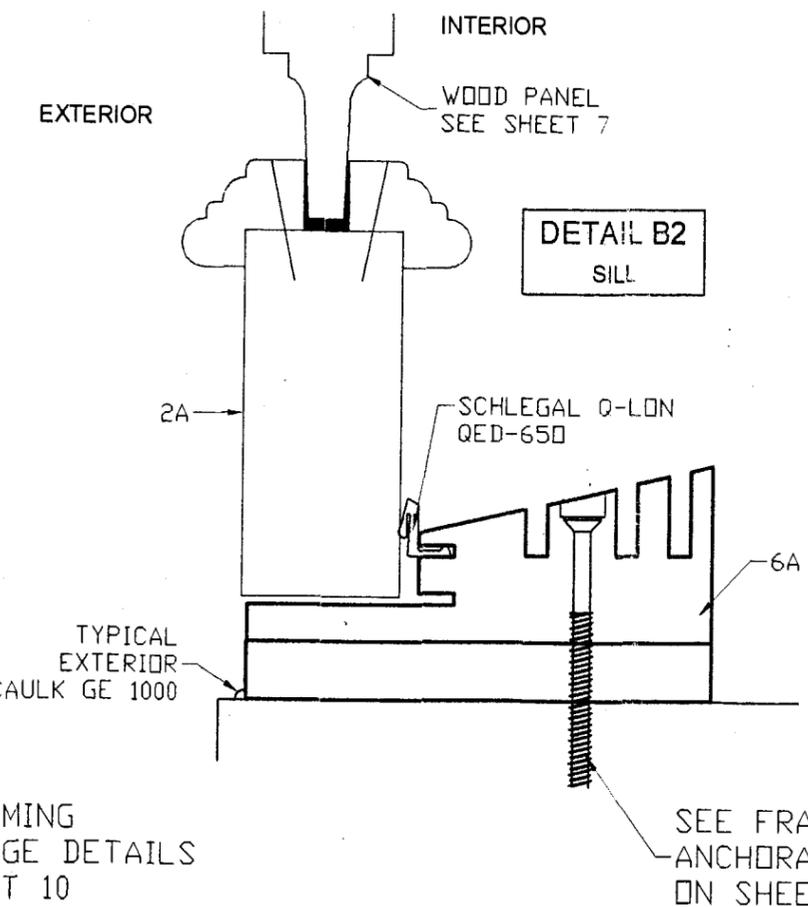
Drawing Number  
**07-215R1**

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WEATHER STRIPPING OPTIONS:  
 1- SCHLEGAL Q-LON QED-650  
 2- THERMATRU WTFB68/80

DETAIL B  
 SILL  
 USE OF ALTERNATE  
 B1, B2 IS ACCEPTABLE



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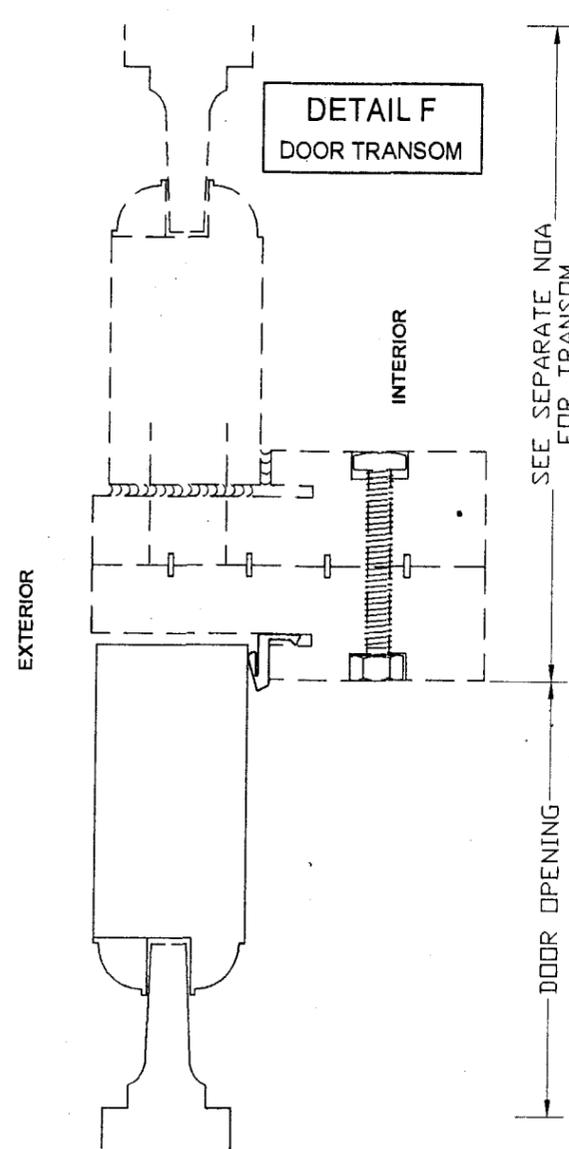
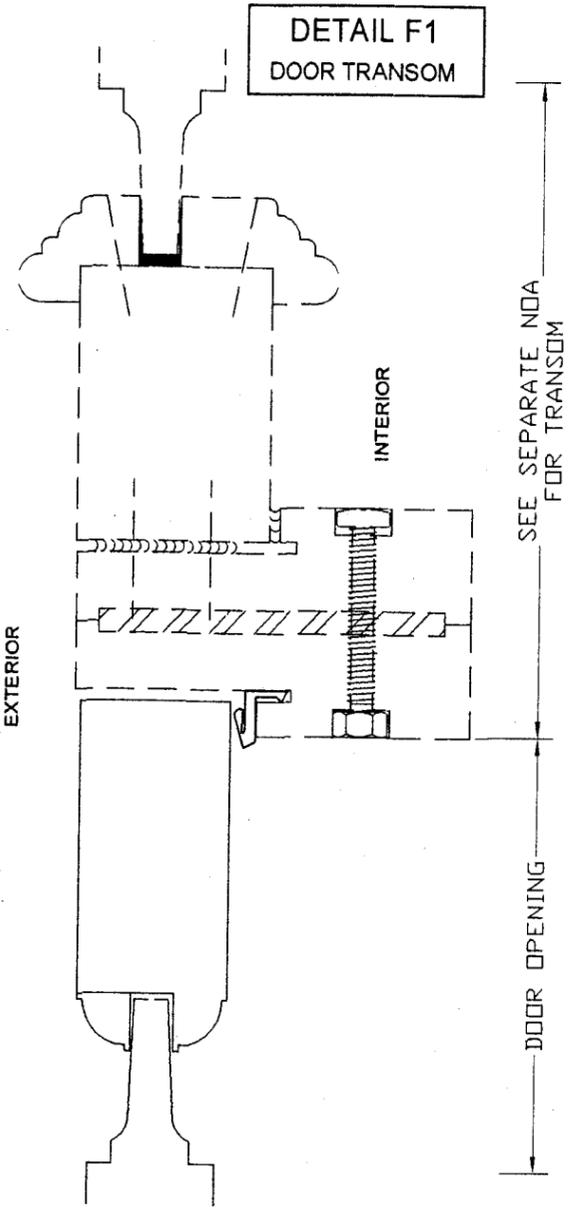
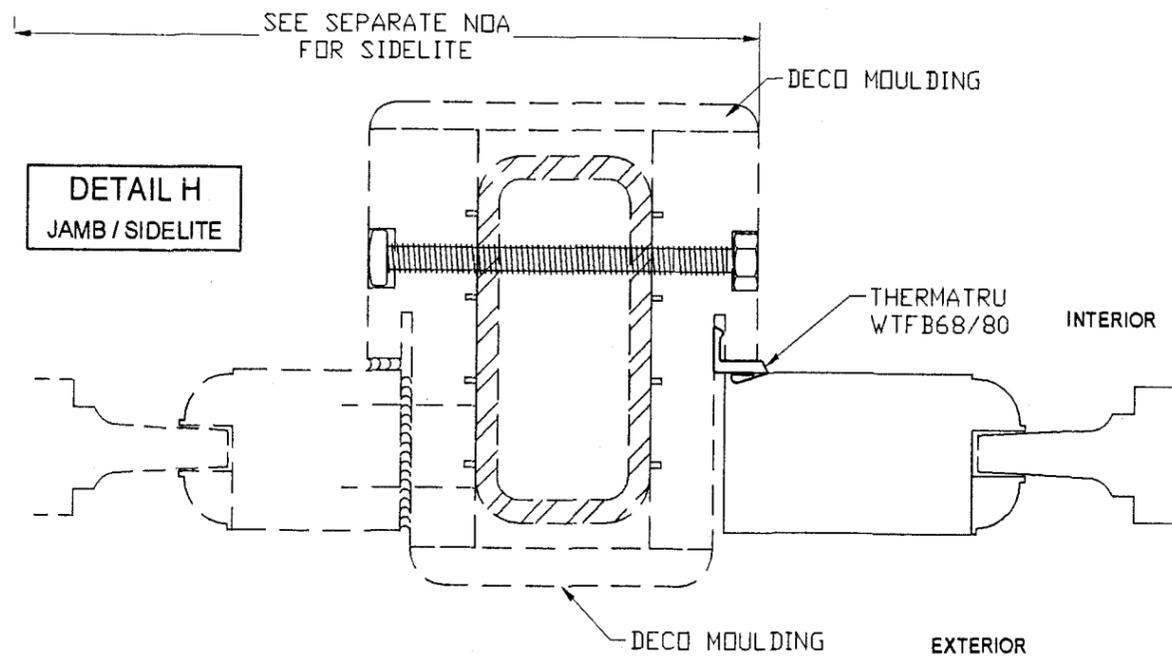
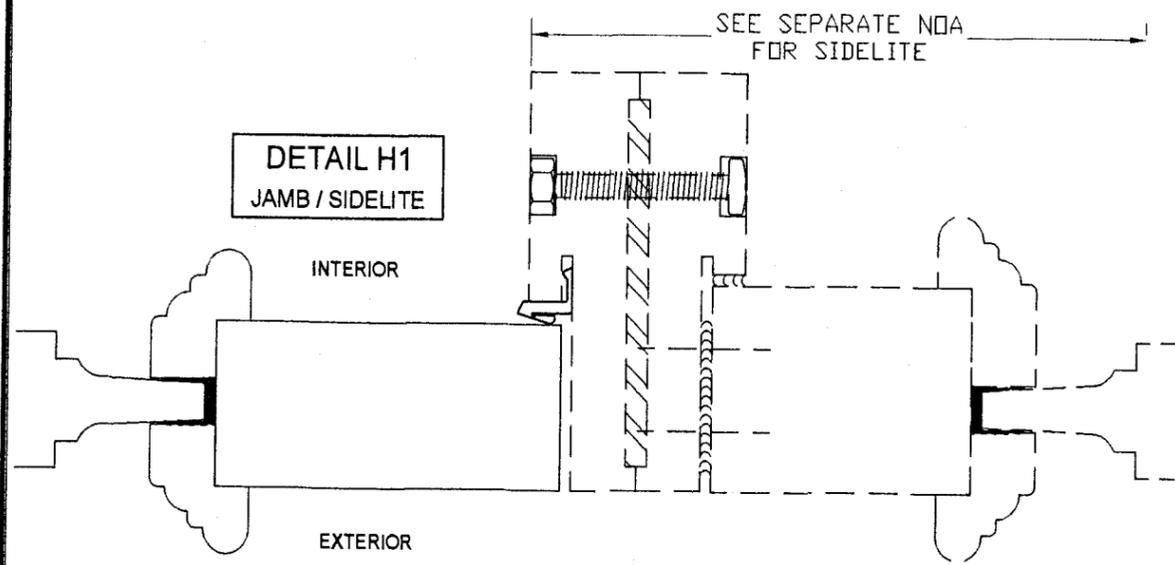
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 Design by: PPMF

MIAMI-DADE BCCO:

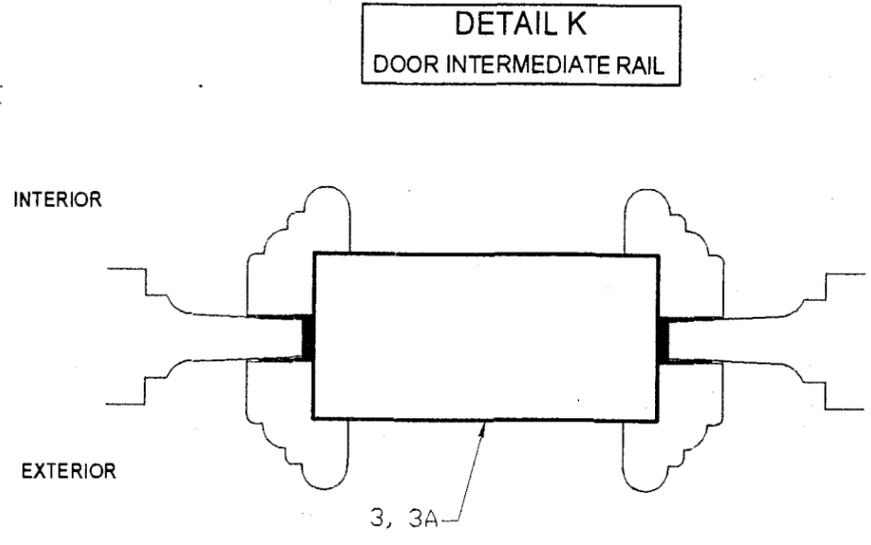
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WEATHER STRIPPING OPTIONS:  
 1- SCHLEGAL Q-LON QED-650  
 2- THERMATRU WTFB68/80



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**PK DRAFTING & MORE**

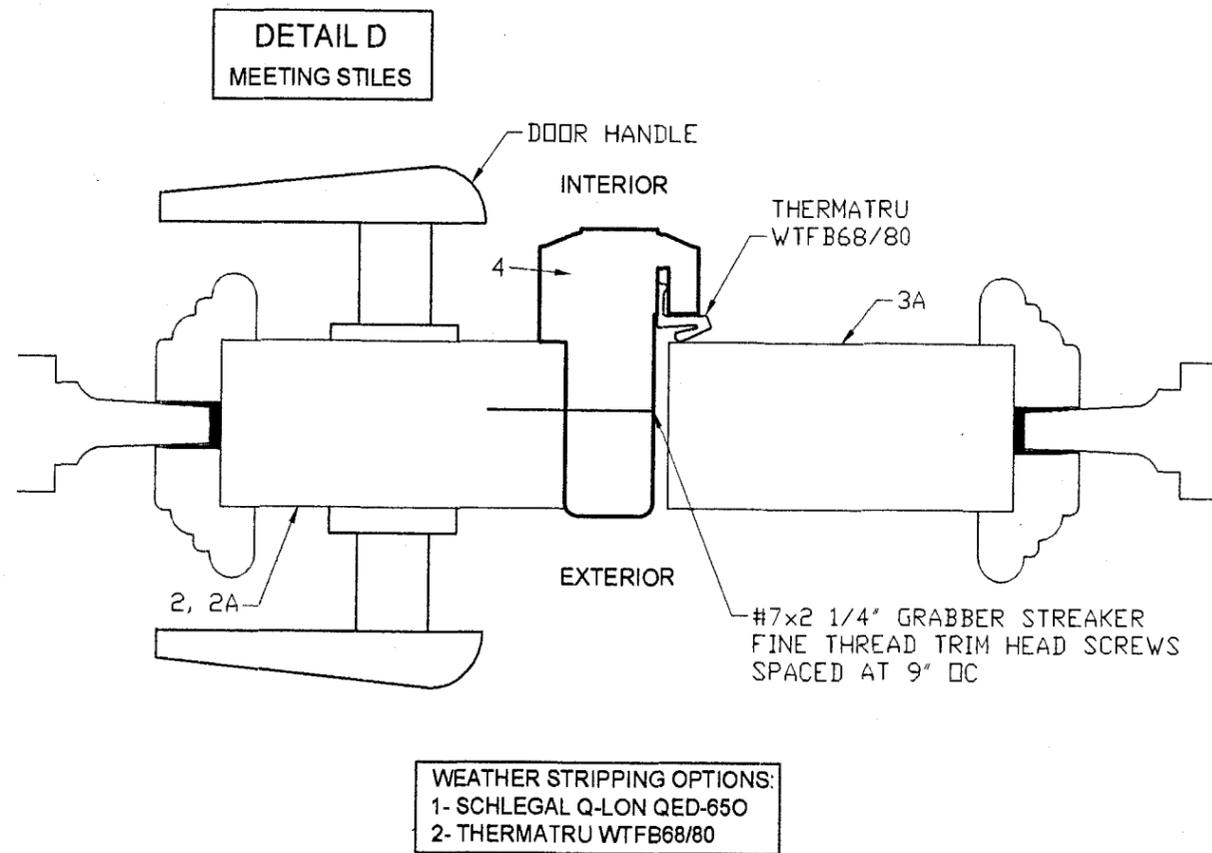
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 Design by: PPMF

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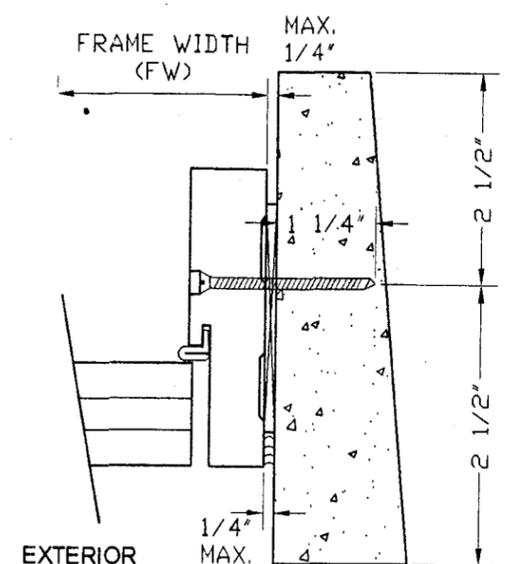
PRODUCT:  
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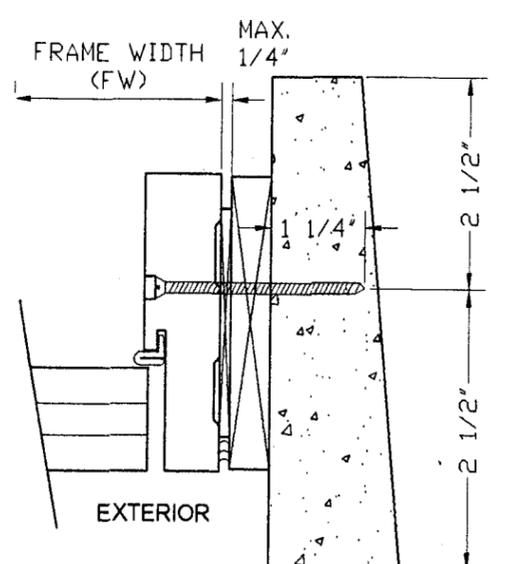
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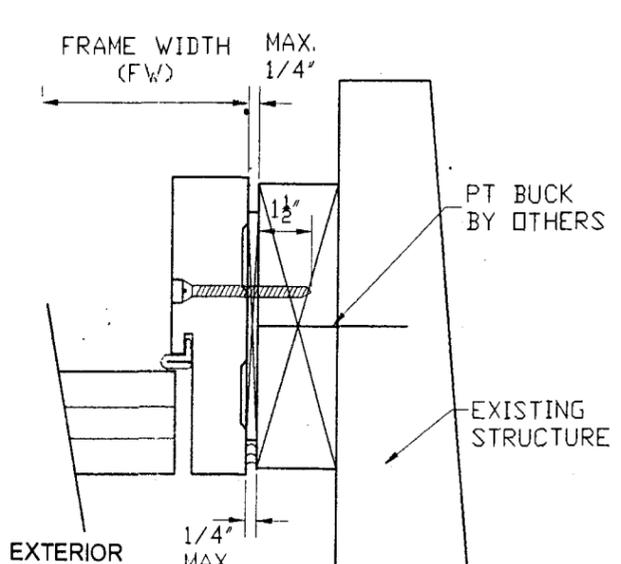
**FRAMING ANCHORAGE DETAILS**



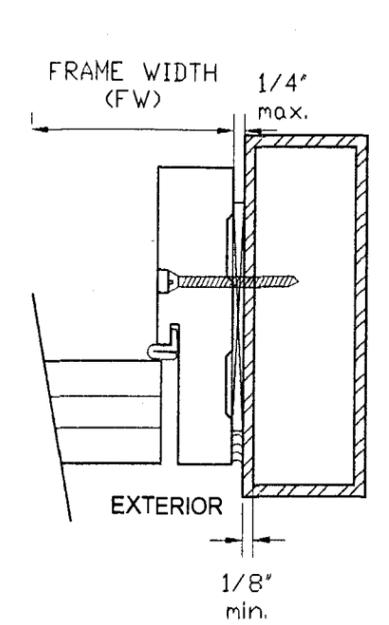
**OPTION 1**  
FRAME WITH MAXIMUM 1/4" PT WOOD SHIM  
1/4" TAPCONS BY ELCO WITH 1 1/4" MIN.  
EMBEDMENT INTO MASONRY  
<REFER TO ELEVATIONS ON SHEETS 2 THROUGH  
6 FOR ANCHORS QTY. AND LAY-OUT>



**OPTION 2**  
FRAME WITH MAXIMUM 1/4" PT WOOD SHIM  
AND 1" X PT CONT. WOOD SPACER  
1/4" TAPCONS BY ELCO WITH 1 1/4" MIN.  
EMBEDMENT INTO MASONRY  
<REFER TO ELEVATIONS ON SHEETS 2  
THROUGH 6 FOR ANCHORS QTY. AND LAY-OUT>



**OPTION 3**  
FRAME WITH MAXIMUM 1/4" PT WOOD SHIM  
AND 2" X PT CONT. WOOD BUCK BY OTHERS  
#14 SS WOOD SCREWS OR 1/4" TAPCONS WITH  
1 1/2" MIN. EMBEDMENT INTO WOOD (SG= .55)  
<REFER TO ELEVATIONS ON SHEETS 2 THROUGH  
6 FOR ANCHORS QTY. AND LAY-OUT>



**OPTION 4**  
FRAME WITH MAXIMUM 1/4" PT WOOD SHIM  
1/4"-20 HWH DRILFLEX SELF DRILLING  
SCREWS INTO MIN. 1/8" A36 STEEL  
<REFER TO ELEVATIONS ON SHEETS 2  
THROUGH 6 FOR ANCHORS QTY. AND LAY-OUT>

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**PK DRAFTING & MORE**

Date: 10/09/07  
Scale: NA  
Design by: PPMF

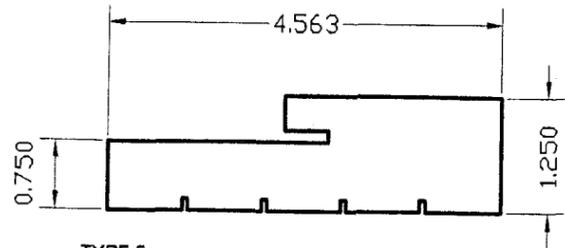
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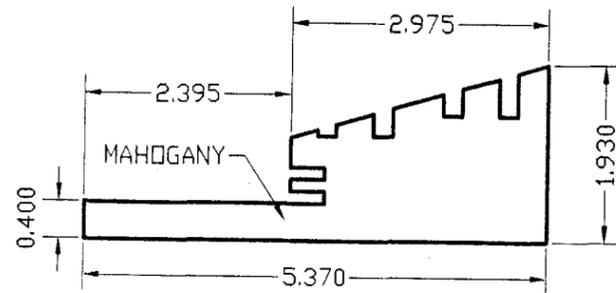
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**07-215R1**

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**10 of 13**

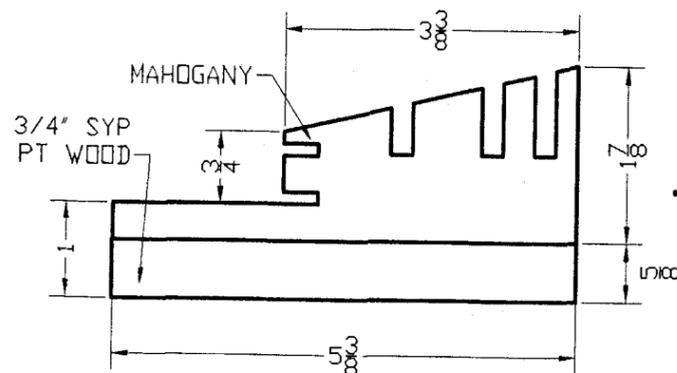
# FRAMING COMPONENTS



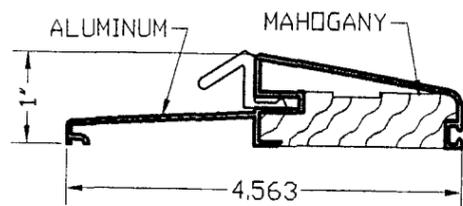
TYPE 5  
DOOR HEADER AND JAMBS  
WINDOW HEADER, JAMBS AND SILL  
LAMINATED OR SOLID WOOD



TYPE 6 - DOOR THRESHOLD  
LAMINATED OR SOLID WOOD

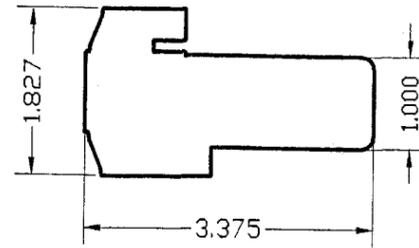


TYPE 6A - DOOR THRESHOLD  
LAMINATED OR SOLID WOOD

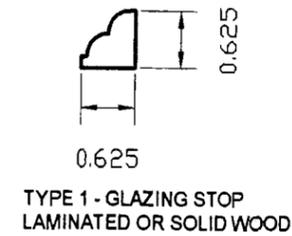


TYPE 6B  
ENDURA ALUMINUM THRESHOLD

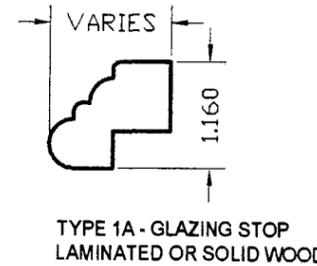
# SASH COMPONENTS



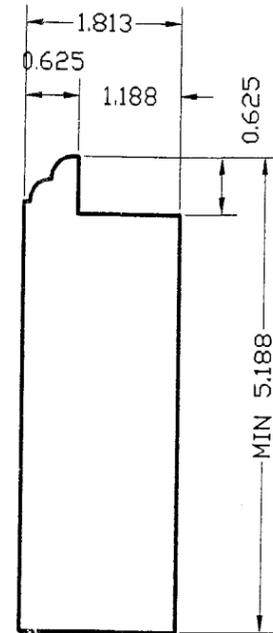
TYPE 4 - ASTRAGAL  
LAMINATED OR SOLID WOOD



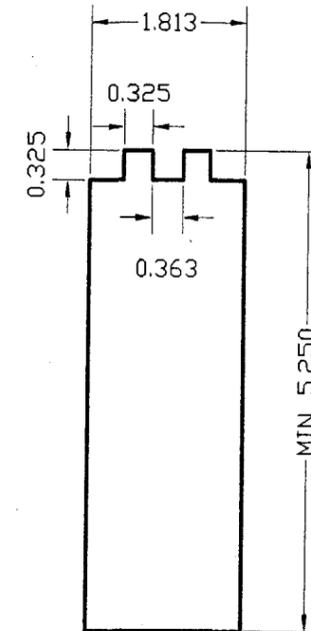
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LAMINATED OR SOLID WOOD



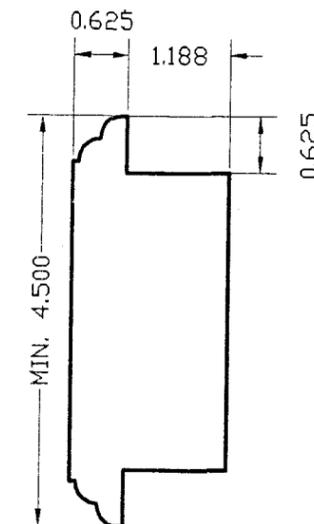
TYPE 1A - GLAZING STOP  
LAMINATED OR SOLID WOOD



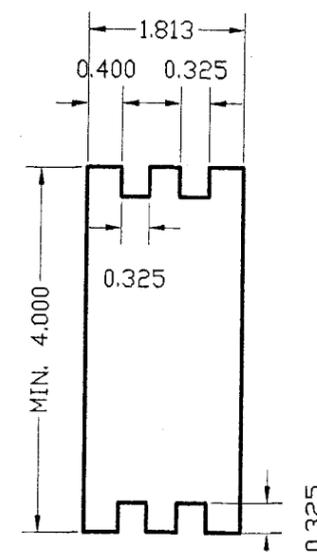
TYPE 2 - RAIL/STILE  
LAMINATED OR SOLID WOOD



TYPE 2A - RAIL/STILE  
LAMINATED OR SOLID WOOD



TYPE 3 - INTERMEDIATE RAIL  
HORIZONTAL / VERTICAL  
LAMINATED OR SOLID WOOD



TYPE 3A - INTERMEDIATE RAIL  
HORIZONTAL / VERTICAL  
LAMINATED OR SOLID WOOD

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PRODUCT:  
**SWING OUT  
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SOLID WOOD PANELS

Engineering:  
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Plantation, FL. 33313  
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DRAFTING:  
**PK DRAFTING & MORE**

Date: 10/09/07  
Scale: NA  
Design by: PPMF

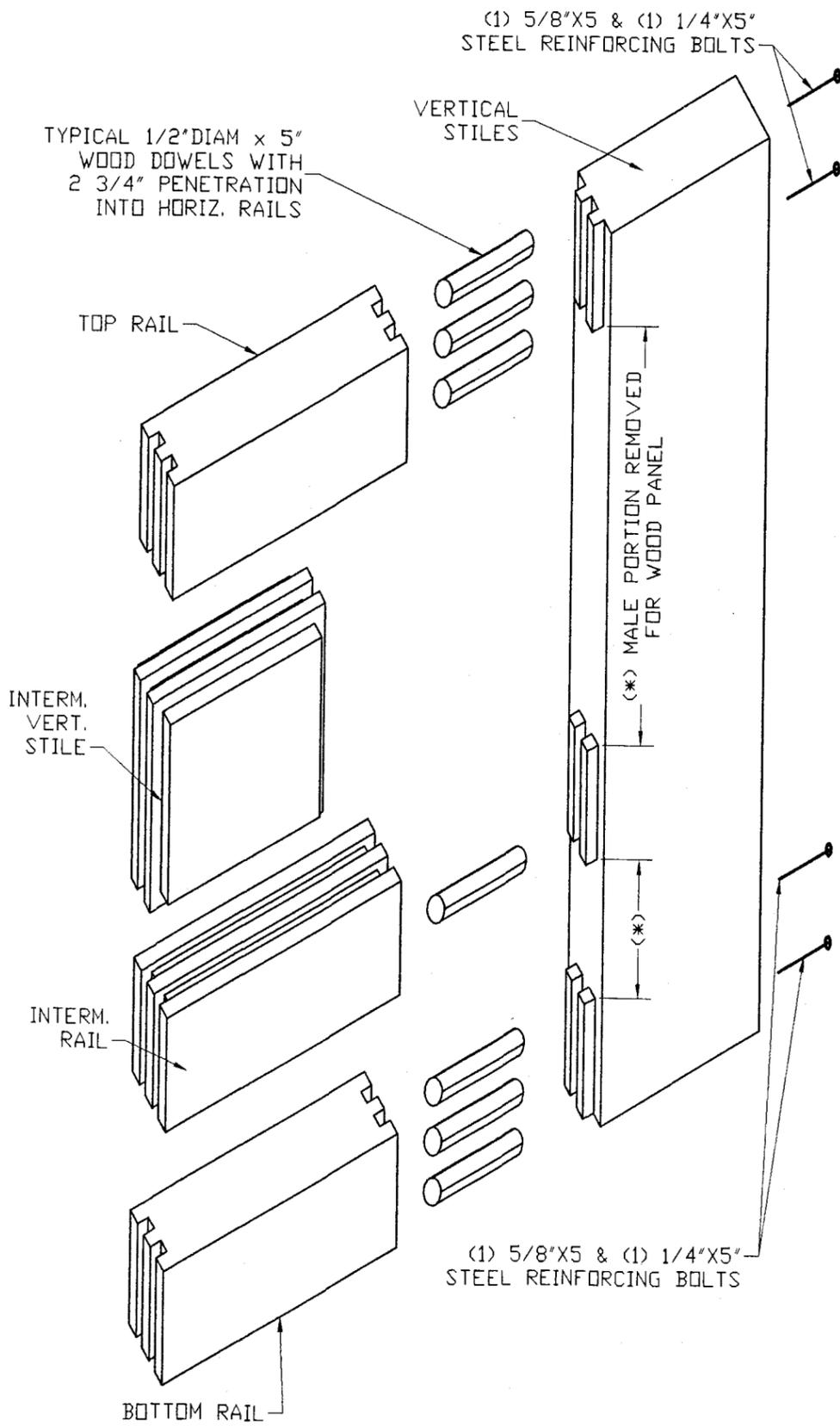
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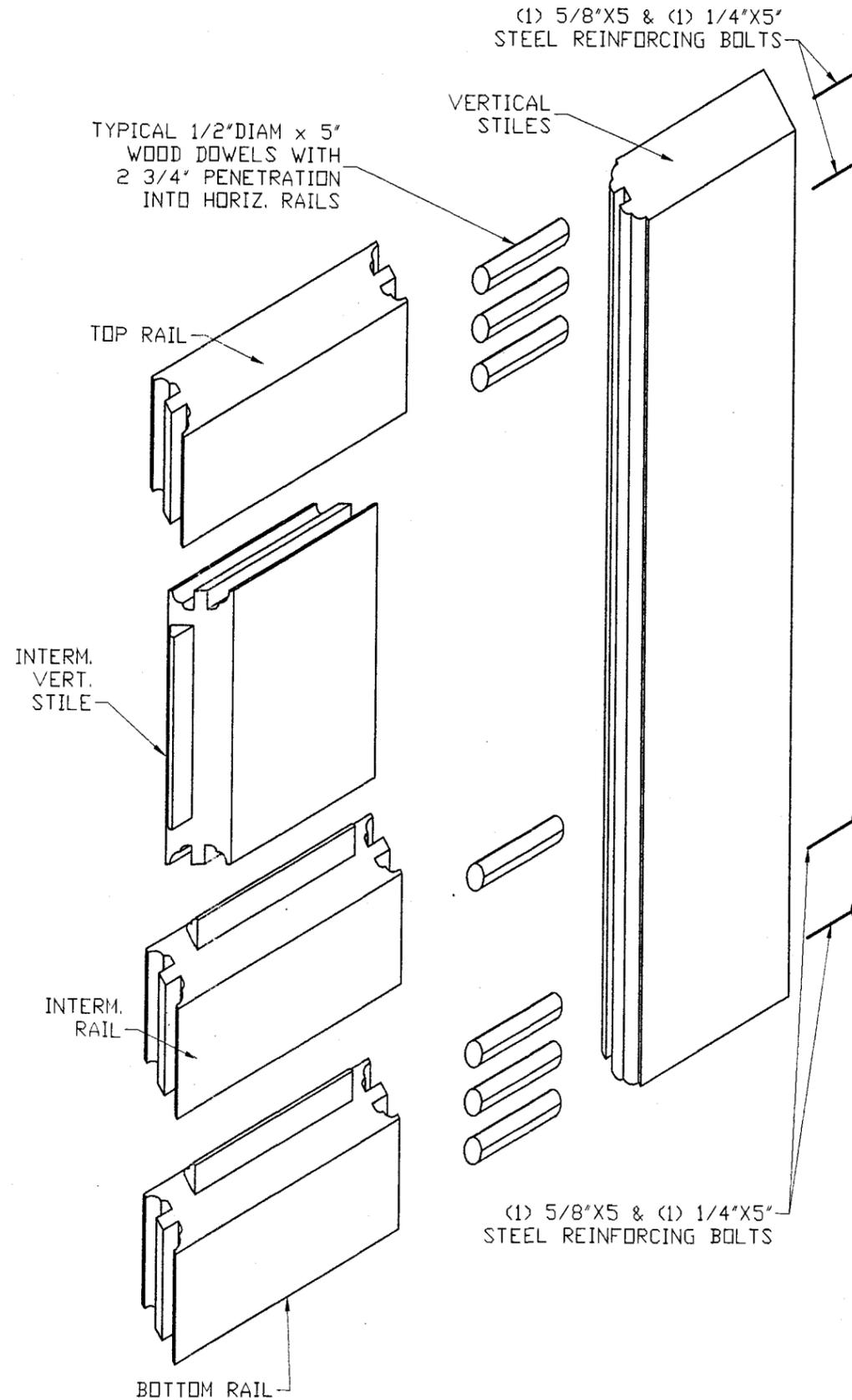
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# SASH 2A/3A ASSEMBLY



# SASH 2/3 ASSEMBLY



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Date: 10/09/07  
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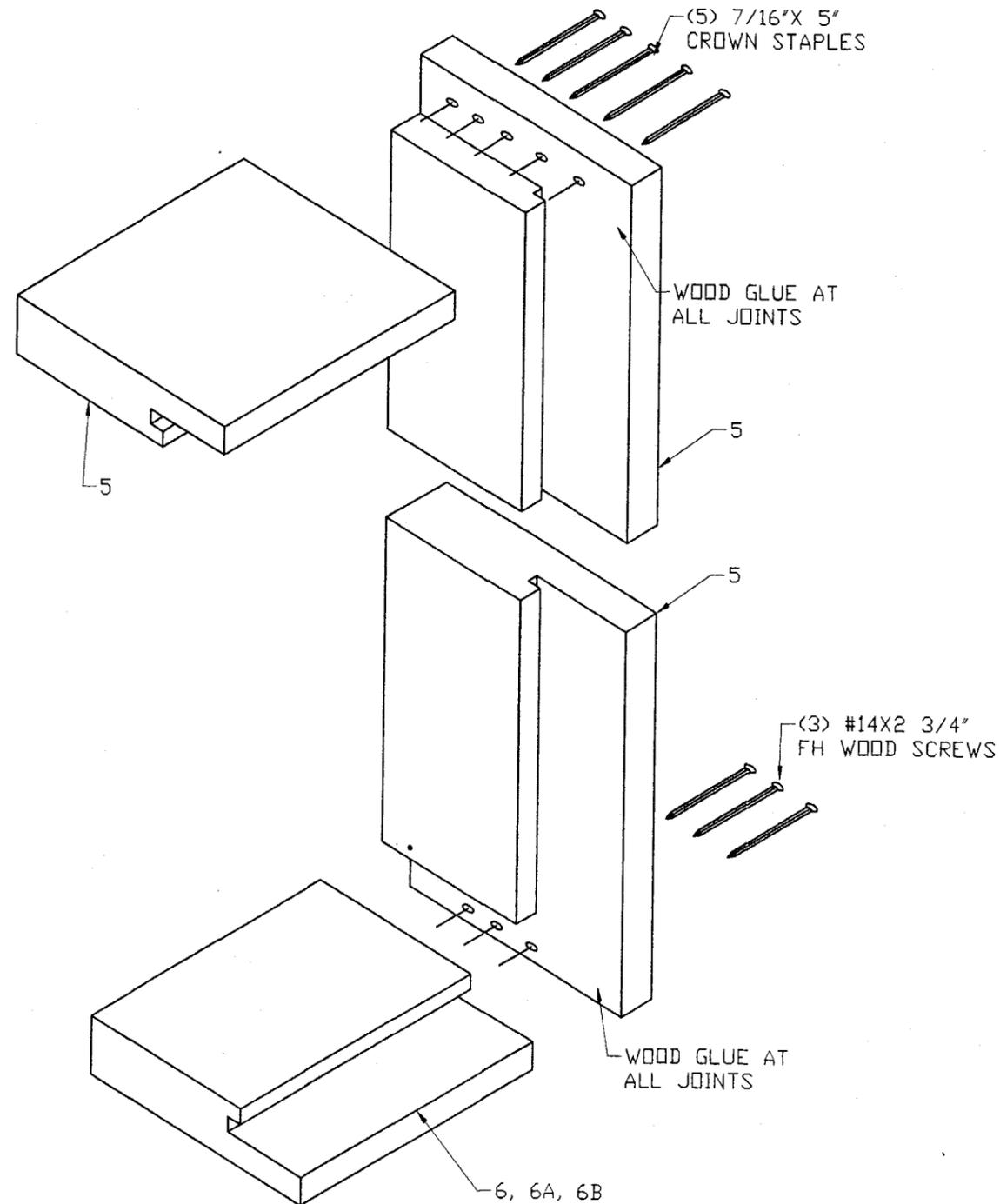
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 12 of 13

TYPICAL CORNER FRAMING  
CONSTRUCTION



FRAME ASSEMBLY:  
THE TOP CORNERS WERE RABBETED (1/2\"/>

BILL OF MATERIALS

ITEM	DESCRIPTION
1	LAMINATED OR SOLID WOOD GLAZING STOP
1A	LAMINATED OR SOLID WOOD GLAZING STOP
2	LAMINATED OR WOOD DOOR RAIL/STILE
2A	LAMINATED OR WOOD DOOR RAIL/STILE
3	LAMINATED OR WOOD DOOR INTERMEDIATE RAIL
3A	LAMINATED OR WOOD DOOR INTERMEDIATE RAIL
4	LAMINATED OR WOOD DOOR ASTRAGAL
5	LAMINATED OR WOOD DOOR FRAMING
6	LAMINATED OR WOOD DOOR THRESHOLD
6A	LAMINATED OR WOOD DOOR THRESHOLD
6B	4 1/2 x 1 ALUMINUM ENDURA THRESHOLD
7	TS 4X2 - 1/4\"/>

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