



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 S.W. 26th Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
<http://www.miamidade.gov/economy/>

NOTICE OF ACCEPTANCE (NOA)

All American Millwork, LLC
12920 S.W. 122nd Avenue
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 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: Series 8'-10" & 9'-2" Outswing Opaque Wood Door - L.M.I.

APPROVAL DOCUMENT: Drawing No. 12-105, Series titled "Outswing Wood Door Opaque Wood Panel Large & Small Missile Impact Rated", sheets 1 through 13 of 13, dated 06/28/07 with the latest revision dated 05/29/12, prepared by EngCo, Inc., signed and sealed by Pedro M. De Figueiredo, P. E., bearing the Miami-Dade County Product Control Section revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

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, series, 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 revises NOA No. 10-1110.03 and 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.**



J. Gascon
7/25/12

NOA No. 12-0607.05
Expiration Date: December 06, 2012
Approval Date: August 02, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 07-0828.02)
2. Drawing No. 12-105, Series titled "Outswing Wood Door Opaque Wood Panel Large & Small Missile Impact Rated", sheets 1 through 13 of 13, dated 06/28/07 with the latest revision dated 05/29/12, prepared by EngCo, Inc., signed and sealed by Pedro M. 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 SFBC, PA 203-94
along with marked-up drawings and installation diagram of Wood Outswing Doors, all prepared by Hurricane Engineering & Testing, Inc., Test Reports No.'s **HETI-06-4077**, **HETI-05-1941** and **HETI-04-1926**, dated 03/07/07, 11/11/05 and 08/17/05, all signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under previous NOA No. 07-0828.02)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of Wood Outswing Doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-4076**, dated 03/07/07, signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under previous NOA No. 07-0828.02)
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per PA 202-94
2) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of Wood Outswing Doors, both prepared by Hurricane Engineering & Testing, Inc., Test Reports No.'s **HETI-04-1924**, dated 02/08/05 and **HETI-04-1925**, dated 11/03/04, both signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under previous NOA No. 07-0828.02)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by EngCo, Inc., dated 07/15/10, signed and sealed by Pedro M. De Figueiredo, P. E.
(Submitted under previous NOA No. 10-1110.03)



Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 12-0607.05

Expiration Date: December 06, 2012

Approval Date: August 02, 2012

All American Millwork, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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 no financial interest, conformance and complying with **FBC-2010**, issued by EngCo, Inc., dated 05/29/12, signed and sealed by Pedro M. De Figueiredo, P. E.
2. Laboratory compliance letters for Test Reports No.'s **HETI-04-1925**, **HETI-04-1924**, **HETI-06-4076**, **HETI-06-4077**, **HETI-05-1941** and **HETI-04-1926**, all issued by Hurricane Engineering & Testing, Inc., dated 03/07/07, 11/03/04, 02/08, 08/17/05 and 11/11/05, all signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under previous NOA No. 07-0828.02)
3. Proposal No. **03-0708R** issued by Product Control, dated 01/29/04, signed by Jaime D. Gascon, P. E.
(Submitted under previous NOA No. 07-0828.02)

G. OTHERS

1. Notice of Acceptance No. **10-1110.03**, issued to All American Millwork, LLC for their Series "**8'10" & 9'2" Opaque Wood Outswing Door - L.M.I.**", approved on 05/05/11 and expiring on 12/06/12.



Jaime D. Gascon, P.E.
Product Control Section Supervisor
NOA No. 12-0607.05
Expiration Date: December 06, 2012
Approval Date: August 02, 2012

GENERAL NOTES:

FLORIDA BUILDING CODE 2010 HVHZ
LARGE & SMALL MISSILE IMPACT RATED

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FBC 2010 INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS AN OUTSWING WOOD TYPE DOOR DESIGNED, CONSTRUCTED AND TESTED TO PROVIDE PROTECTION FROM HURRICANE FORCE WINDS AND WIND BORNE DEBRIS (LARGE & SMALL MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.
- 3- POSTING:

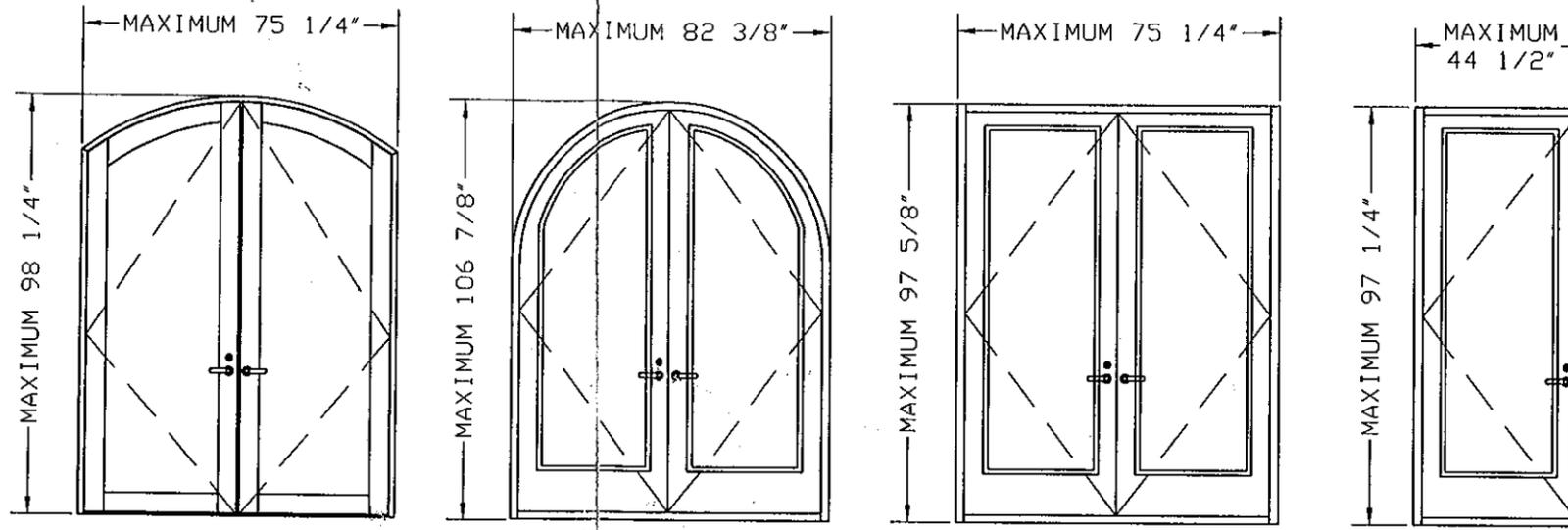
"OUTSWING WOOD DOOR
LARGE & SMALL MISSILE IMPACT RESISTANT
ALL AMERICAN MILLWORK LLC. - MIAMI - FLORIDA
DADE COUNTY PRODUCT CONTROL APPROVED"

- 4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-10 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES HERE IN SPECIFIED. THE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-10, ARE TO BE MULTIPLE BY 0.6.
- 5- MATERIAL: ALL WOOD PARTS TO BE AS SPECIFIED ON THIS APPROVAL
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE 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 PRODUCT 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- DISSIMILAR MATERIALS: MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2010 FLORIDA BUILDING CODE.

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MODELS TYPE

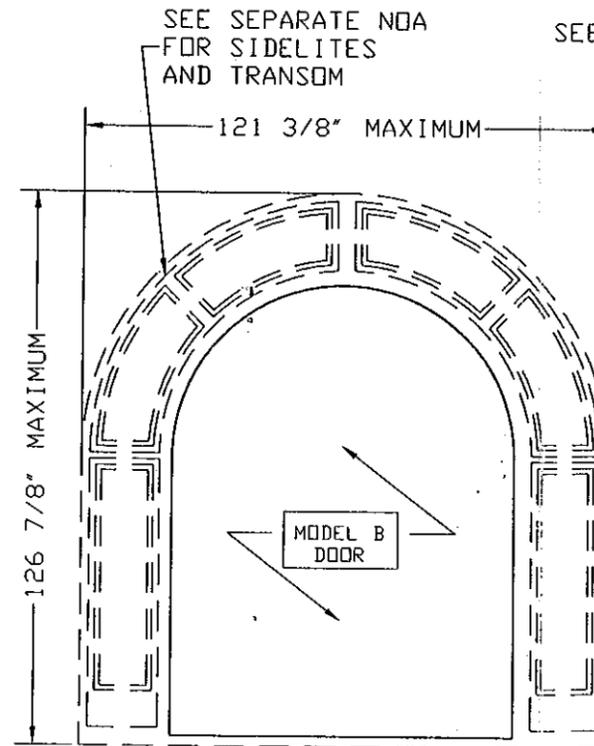


MODEL A
ELLIPSE DOOR
DP= ±75 PSF
FOR DETAILS REFER TO:
SHEET 2 of 13

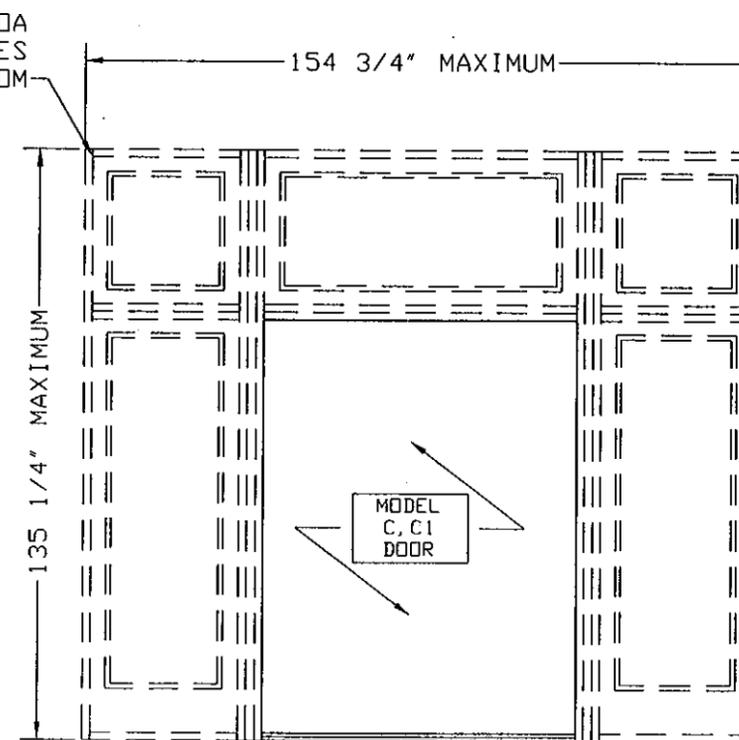
MODEL B
FULL ARCHED DOOR
DP= ±75 PSF
FOR MODEL B DETAILS REFER TO:
SHEET 3 of 13

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

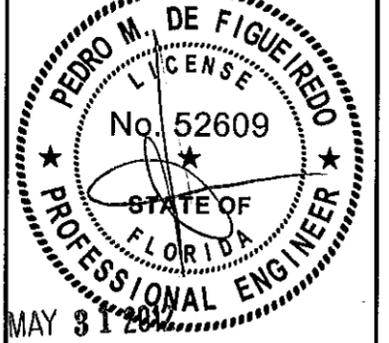


MODEL E
DOOR W/ SIDELITE & TRANSOM
DP = SHEET 4 OF 13
FOR DETAILS REFER TO:
SHEET 5 of 13 AND SEPARATE NOA

MANUFACTURER:
ALL AMERICAN MILLWORK LLC
12920 SW 120 STREET
MIAMI- FLORIDA- 33186
TEL.: (305) 255-7783
FAX: (305) 255-6613
WWW.DISTINCTIVEDOORS.COM

PRODUCT:
OUTSWING WOOD DOOR
OPAQUE WOOD PANEL
LARGE & SMALL MISSILE IMPACT RATED

ENGINEERING:
ENGCO INC. CA 8116
5595 ORANGE DR. 201
DAVIE, FL. 33314
Tel.: (954) 585-0304
ENGCO@AOL.COM



Engineer Seal
Pedro De Figueiredo - PE 52609

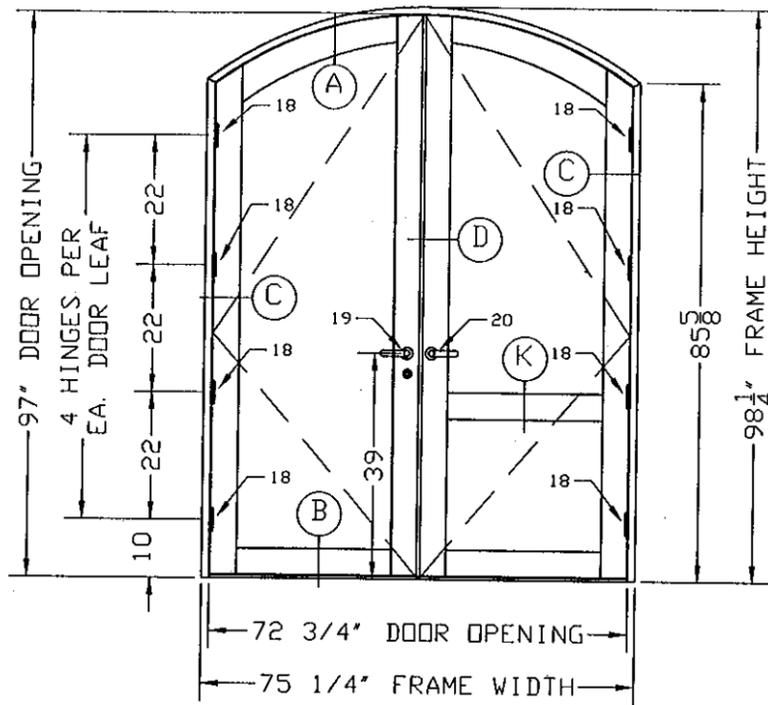
MIAMI-DADE BCCO:

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Acceptance No. **12-0607.05**
Expiration Date **12/06/2012**
By *[Signature]*
Miami Dade Product Control

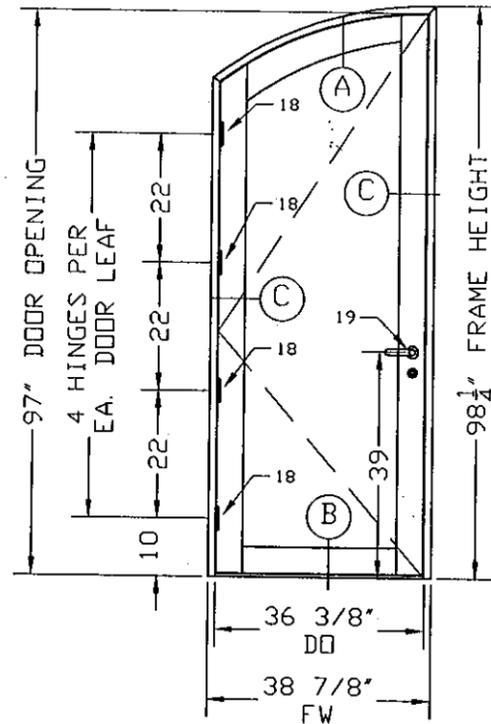
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SCALE: NA
DESIGN BY: PPMF

SHEET 1 OF 13 DRAWING #: 12-105

TYPICAL ELEVATIONS

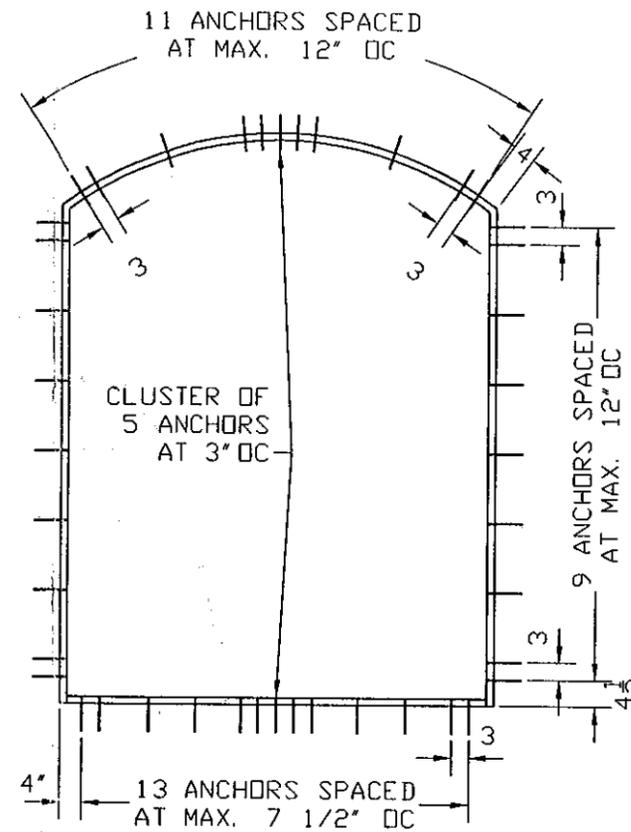


PAIR ELLIPSE DOOR

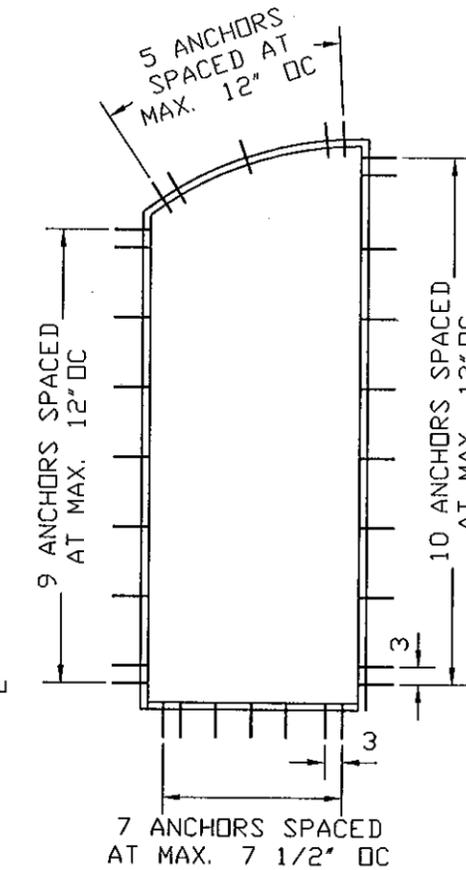


SINGLE HALF ELLIPSE DOOR

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) 4X4X0.093 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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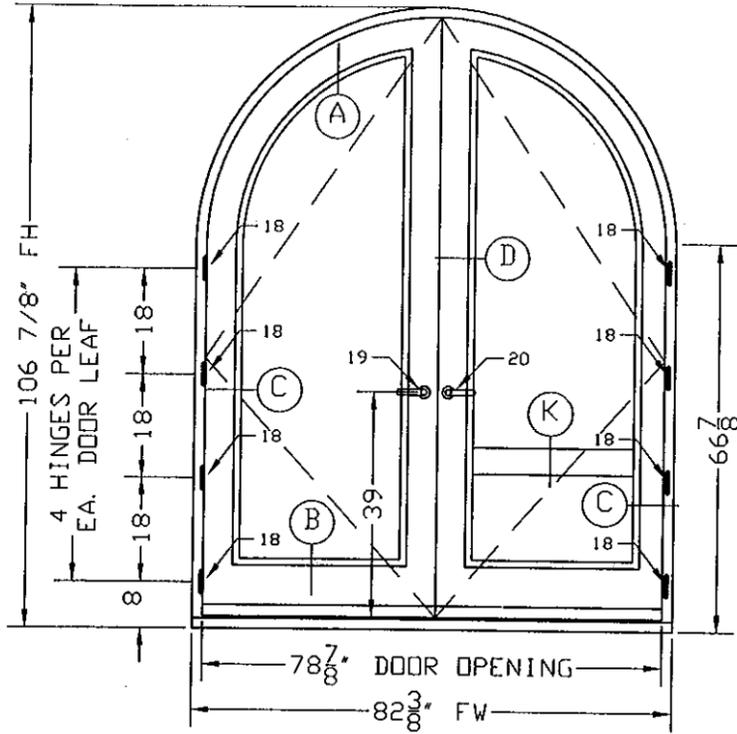
MIAMI-DADE BCCO:

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 Expiration Date 12/06/12
 By [Signature]
 Miami Dade Product Control

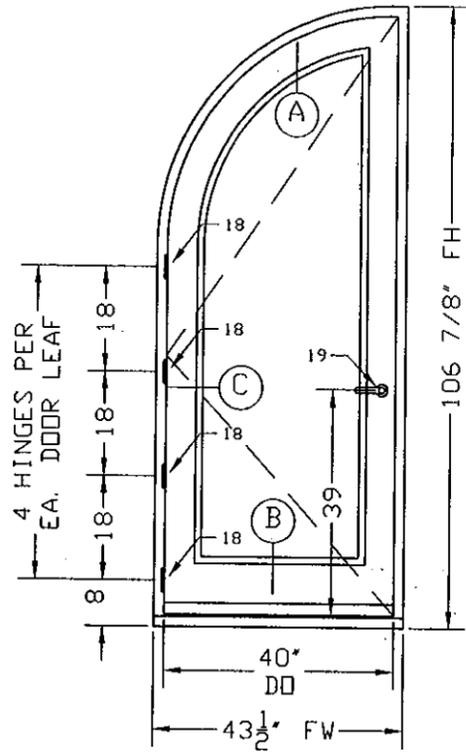
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SHEET 2 OF 13
 DRAWING #: 12-105

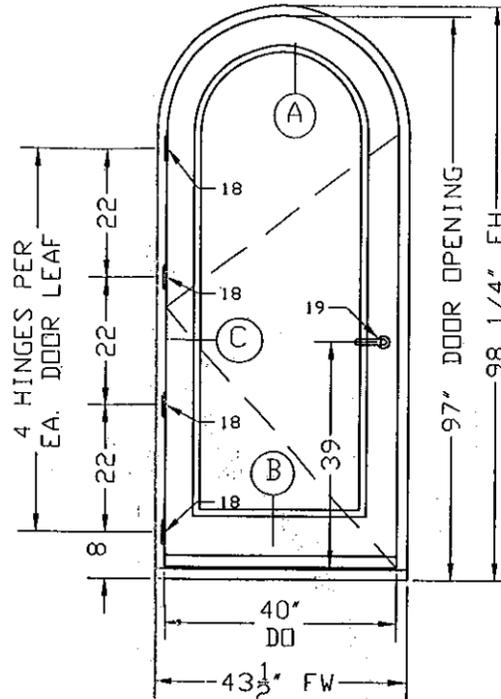
TYPICAL ELEVATIONS



PAIR ARCH DOOR

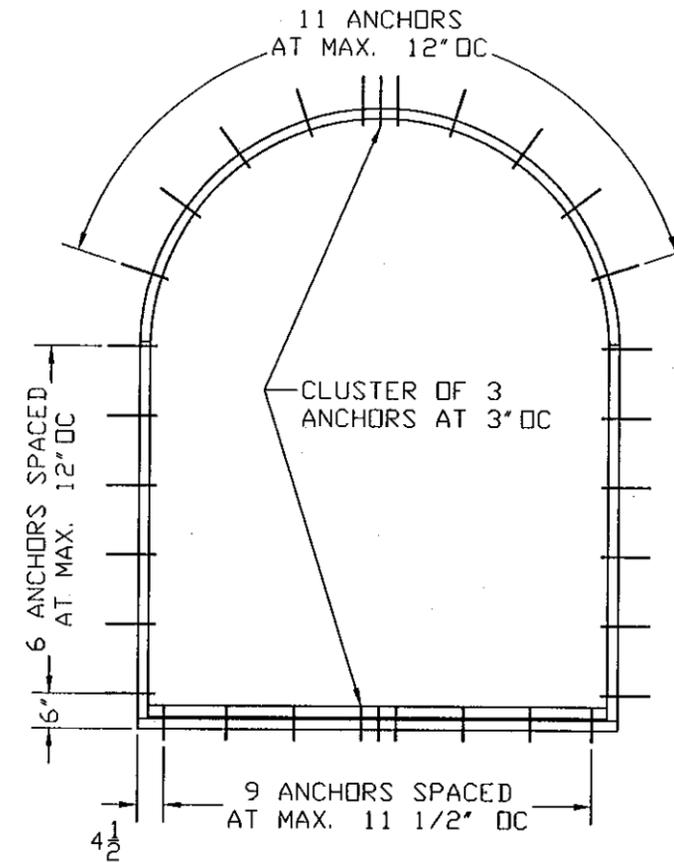


SINGLE HALF ARCH DOOR

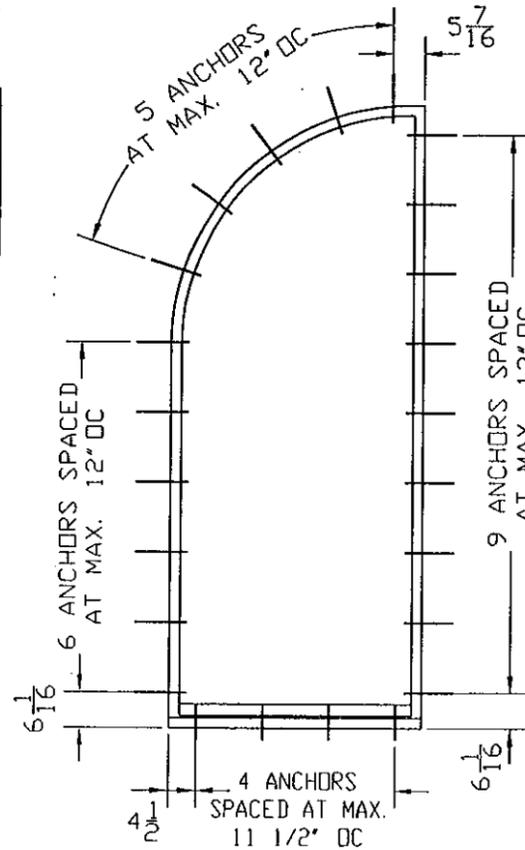


SINGLE FULL ARCH DOOR

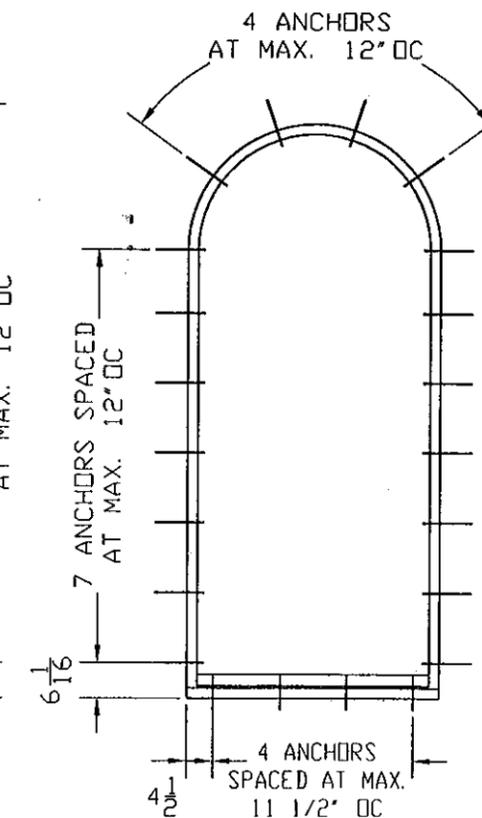
TYPICAL FRAME ANCHORAGE



PAIR DOOR



SINGLE HALF ARCH DOOR



SINGLE FULL ARCH DOOR

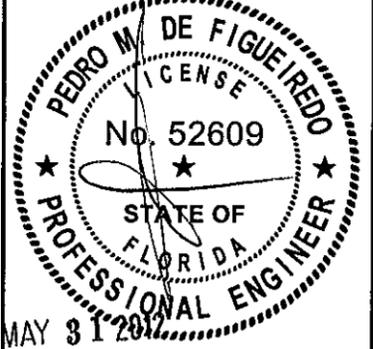
MANUFACTURER:
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 12920 SW 120 STREET
 MIAMI- FLORIDA- 33186
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PRODUCT:

OUTSWING WOOD DOOR
 OPAQUE WOOD PANEL
 LARGE & SMALL MISSILE
 IMPACT RATED

ENGINEERING:

ENGCO INC. CA 8116
 5595 ORANGE DR. 201
 DAVIE, FL. 33314
 Tel.: (954) 585-0304
 ENGCO@AOL.COM



Engineer Seal
 Pedro De Figueiredo - PE 52609

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 By *[Signature]*
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DATE: 05/29/2012
 SCALE: NA
 DESIGN BY: PPMF

SHEET
 3 OF 13

DRAWING #:
 12-105

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

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

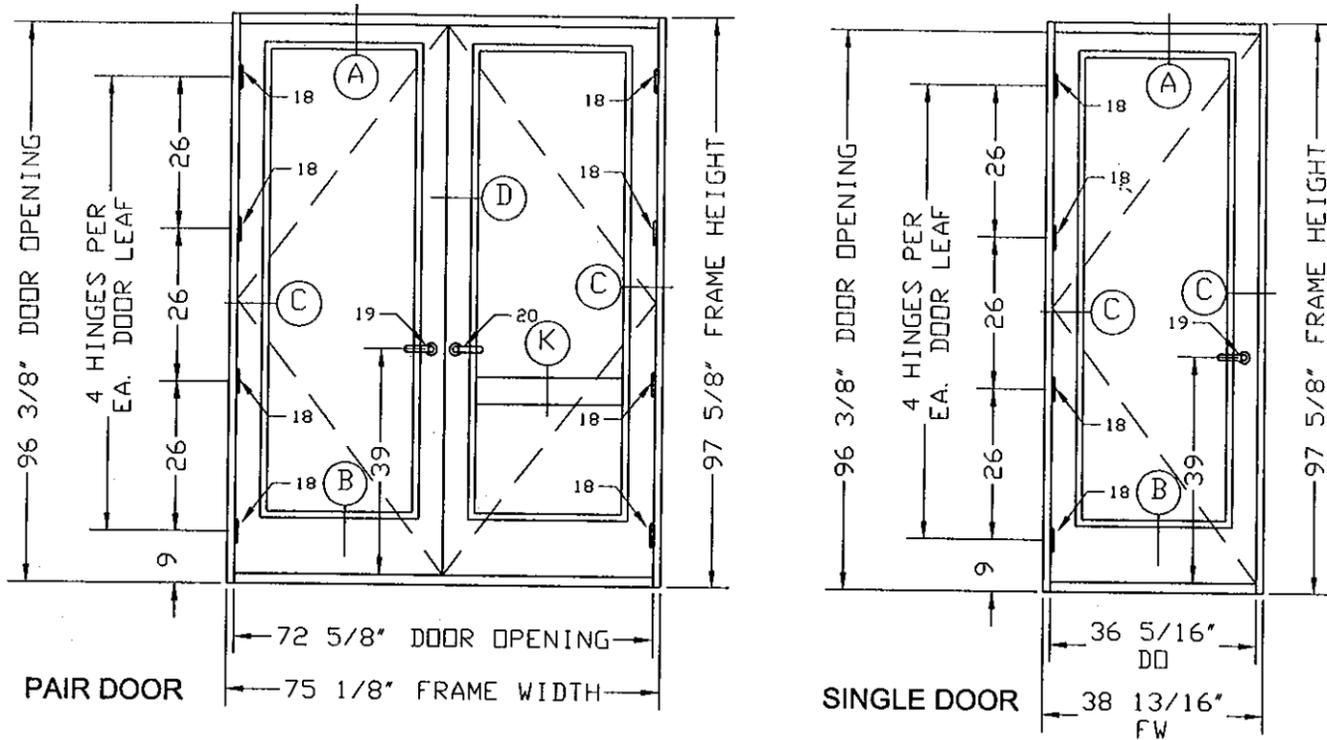
HARDWARE SCHEDULE

HINGES <18>:
 (4) 4X4X0.123 THICK STEEL HINGES COATED W/ BRONZE ATTACHED WITH (8) #10X1" FHSMS.

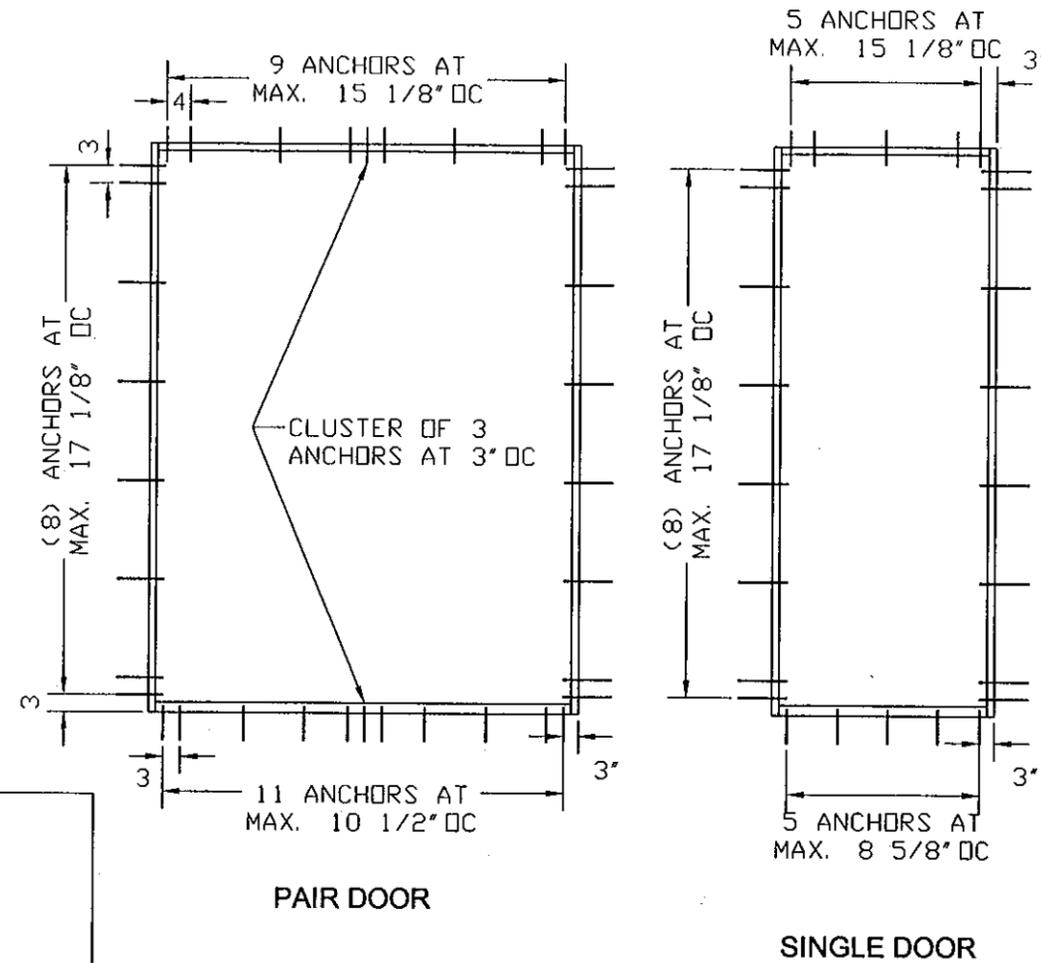
LOCK ACTIVE SASH <19>:
 MULTI-POINT LOCK SYSTEM, KVF MODEL AS7370, FIVE POINT ACTIVE WITH 3/4" THROW, ONE EACH AT HEAD AND SILL AND THREE ENGAGING INTO THE INACTIVE LEAF, AND INSTALLED WITH A LEVER HANDLE AND A STRIKE AT 39" FROM THE BOTTOM.

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.

TYPICAL DOOR ELEVATIONS



TYPICAL FRAME ANCHORAGE



MIN. WOOD SPECIFIC GRAVITY = .53

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)

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

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, KVF 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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PEDRO M. DE FIGUEIREDO
 LICENSE
 No. 52609
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 MAY 31 2012
 Engineer Seal
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:
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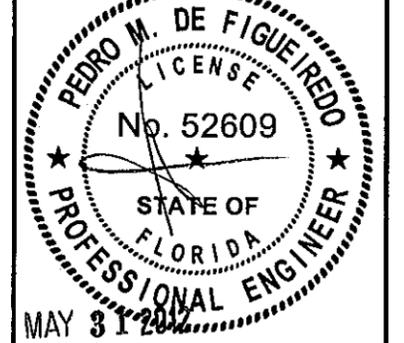
DATE: 05/29/2012
 SCALE: NA
 DESIGN BY: PPMF

SHEET 4 OF 13
 DRAWING #: 12-105

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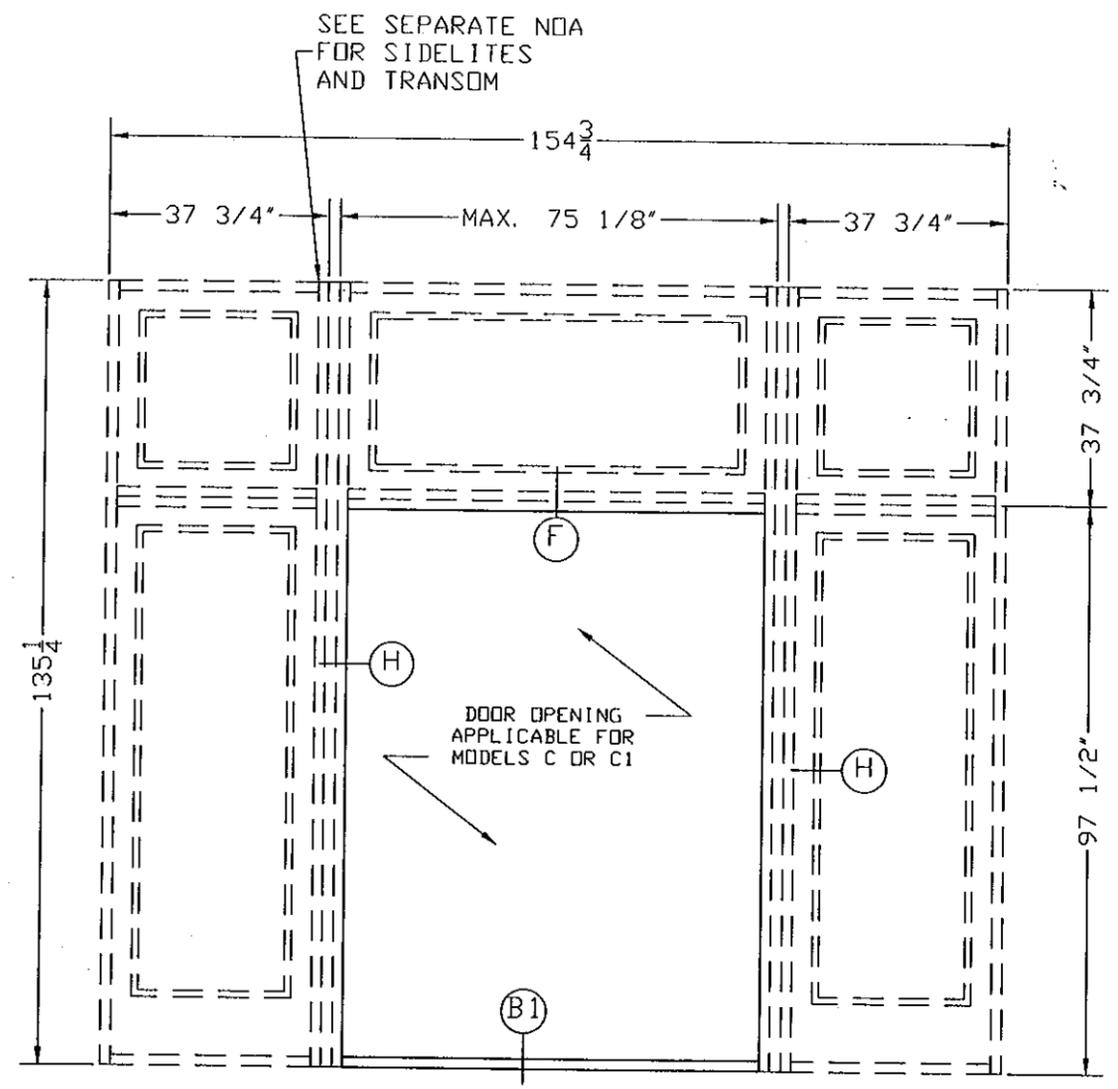
Engineer Seal
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

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 as complying with the Florida
 Building Code
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 By *[Signature]*
 Miami Dade Product Control

DATE: 05/29/2012
 SCALE: NA
 DESIGN BY: PPMF

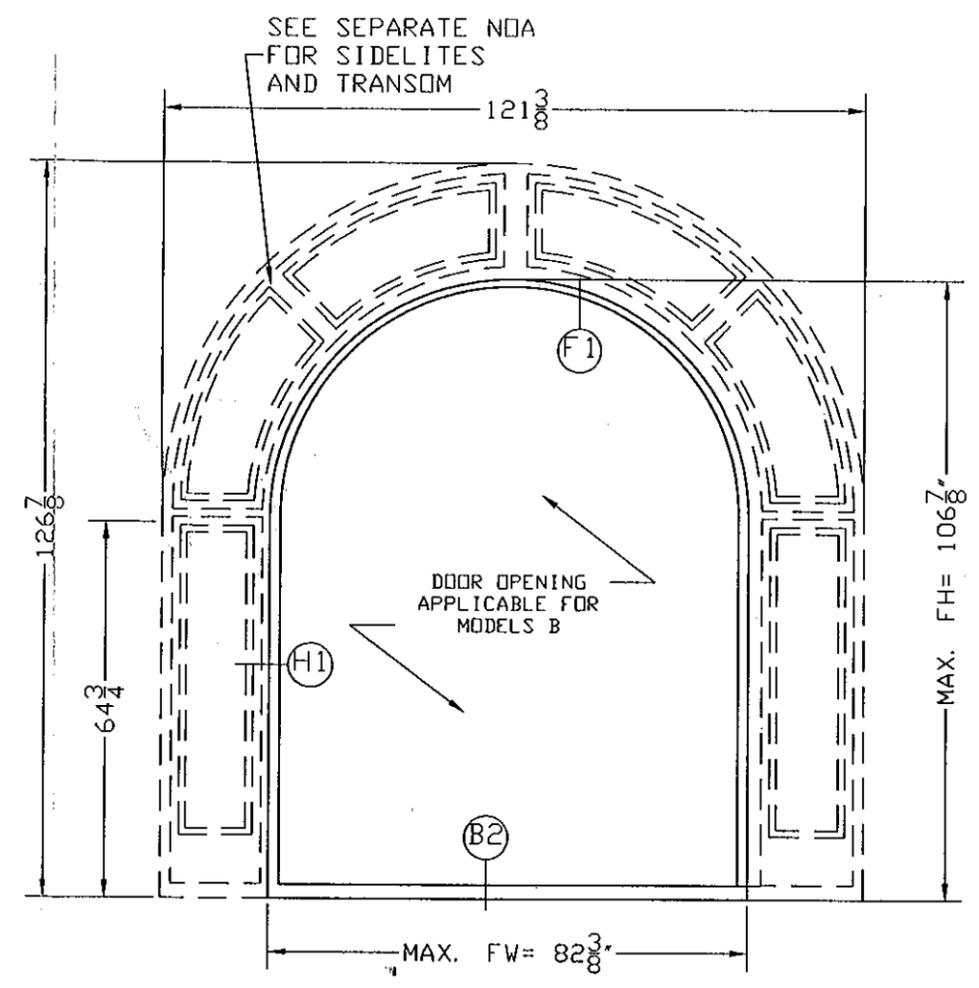
SHEET 5 OF 13
 DRAWING #: 12-105



TYPICAL ELEVATIONS

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

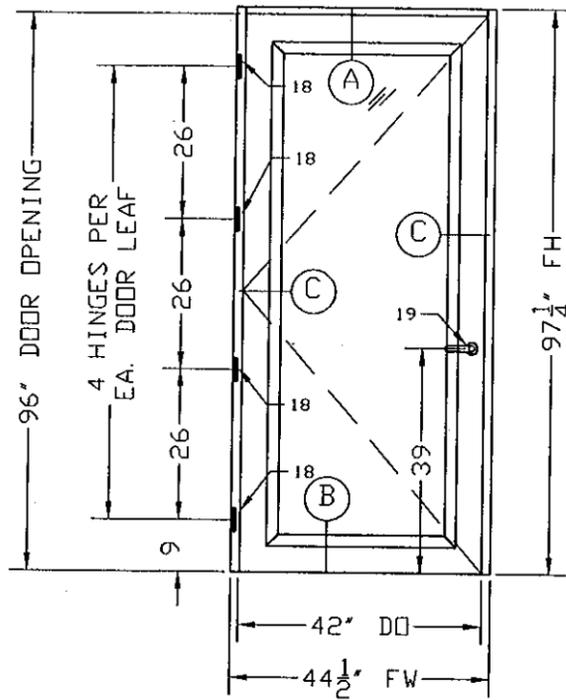
SHEET	DETAILS
8	A, B, B1, B2, C
9	F, F1, H, H1, K
10	D



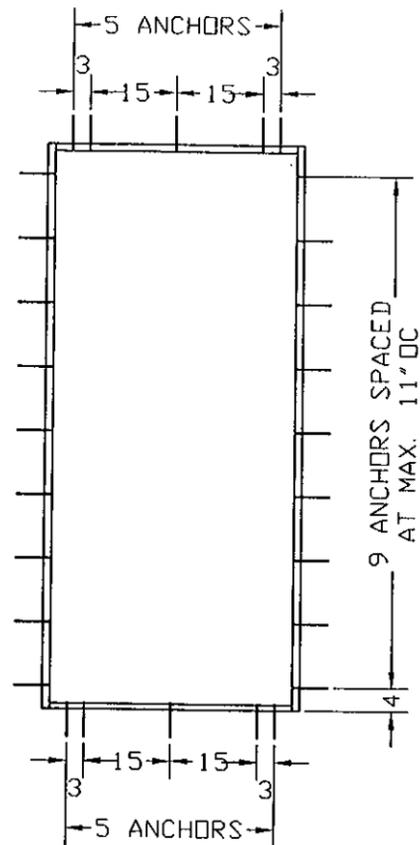
TYPICAL ELEVATIONS

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

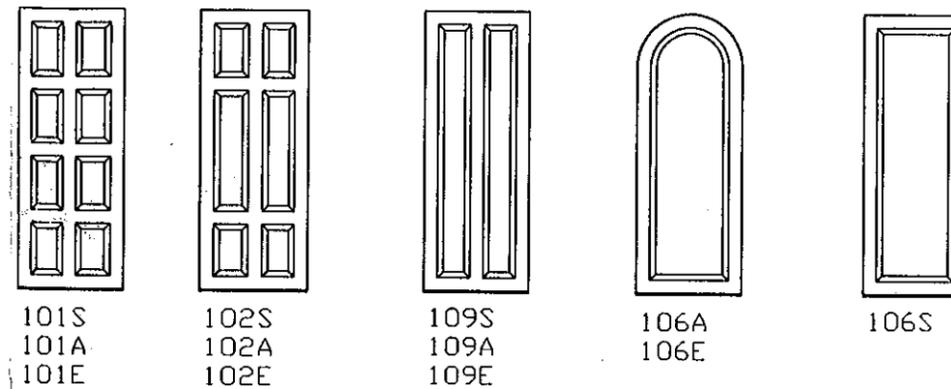
HARDWARE SCHEDULE

HINGES <18>:
 (4) 4X4X0.093 THICK BRONZE COATED STEEL HINGES ATTACHED WITH (8) #10X1" FHSMS.

LOCK ACTIVE SASH <19>:
 MULTI POINT LOCK SYSTEM, KVV 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.

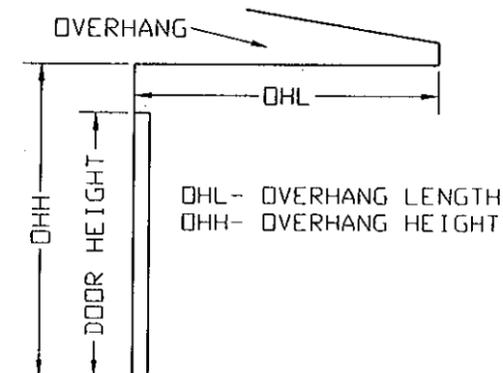
SHEET	DETAILS
8	A, B, B1, B2, C
9	F, F1, H, H1, K
10	D

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

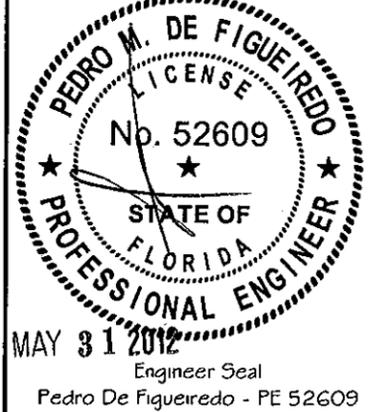
WATER INFILTRATION EXCEPTIONS:
 DOOR ASSEMBLIES INSTALLED IN NONHABITABLE AREAS OR INSTALLED UNDER AN OVERHANG WITH RATIO LENGTH/HEIGHT EQUAL OR MORE THAN 1, DO NOT NEED TO MEET THE TEST FOR WATER INFILTRATION.



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ALL AMERICAN MILLWORK LLC
 12920 SW 120 STREET
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PRODUCT:
OUTSWING WOOD DOOR
 OPAQUE WOOD PANEL
 LARGE & SMALL MISSILE
 IMPACT RATED

ENGINEERING:
ENGCO INC. CA 8116
 5595 ORANGE DR. 201
 DAVIE, FL. 33314
 Tel.: (954) 585-0304
 ENGCO@AOL.COM



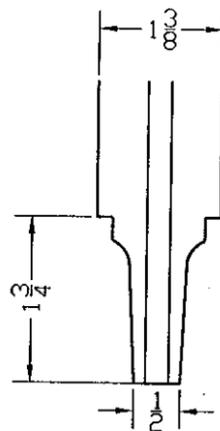
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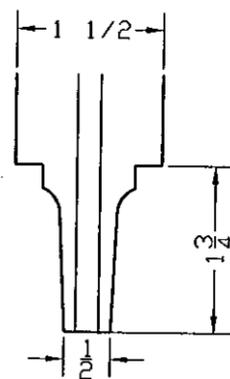
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 SCALE: NA
 DESIGN BY: PPMF

SHEET 6 OF 13
 DRAWING #: 12-105

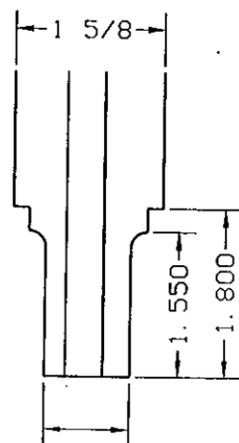
WOOD PANEL OPTIONS



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.

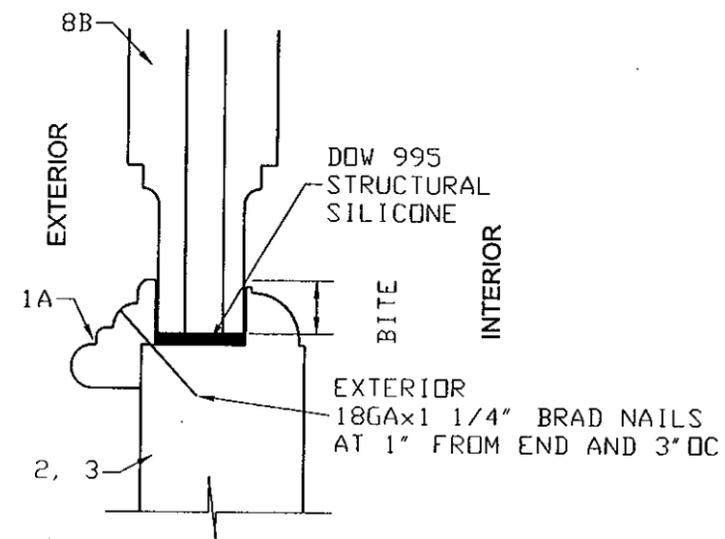
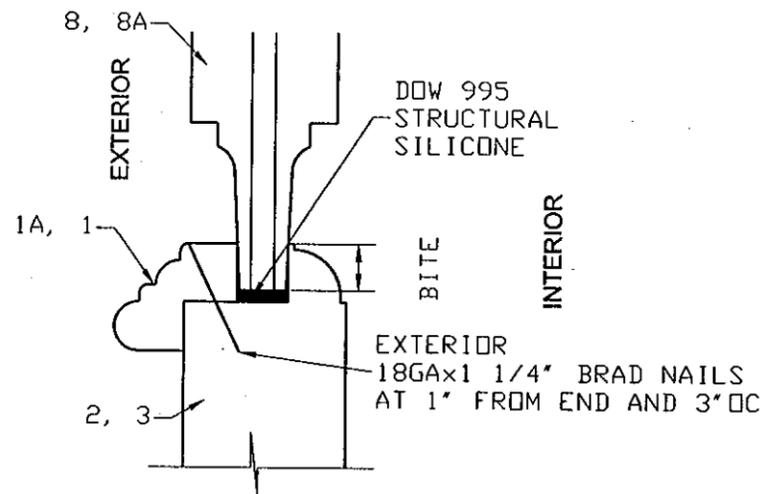
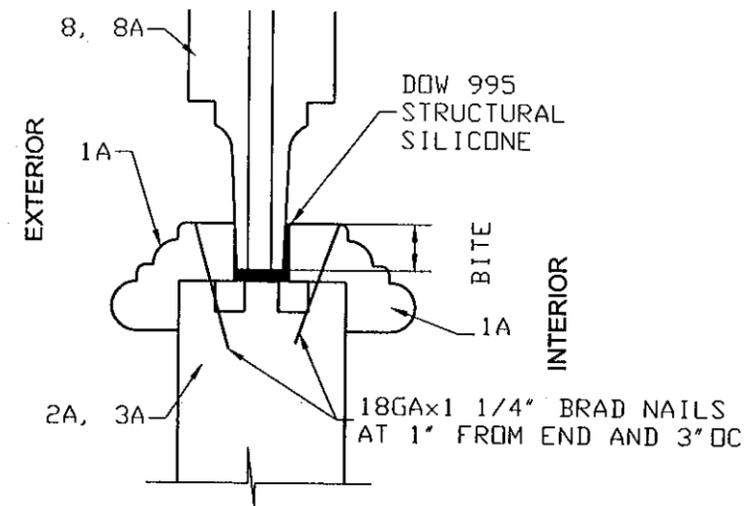


TYPE 8A
 1 1/2" COMPOSITE WOOD PANEL
 MINIMUM BITE: 5/8"
 5/8" MAHOGANY + 1/4" PLYWOOD + 5/8" MAHOGANY
 THICKNESS REDUCED TO .50" AT PANEL STOPS.



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.

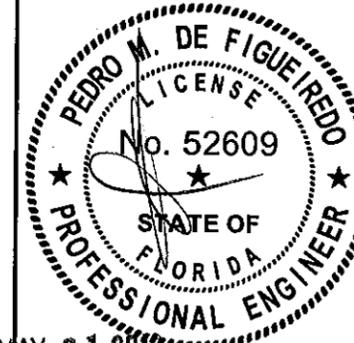
15/16"



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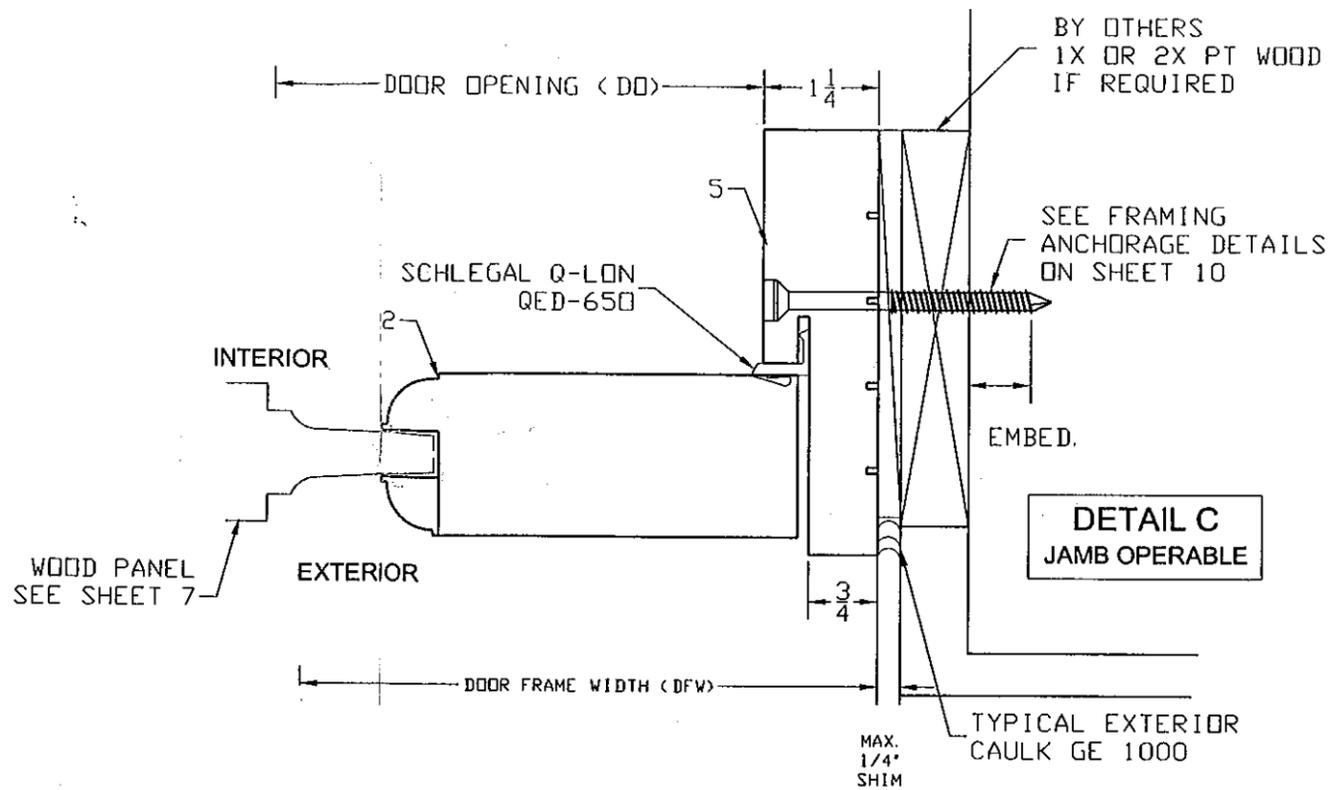
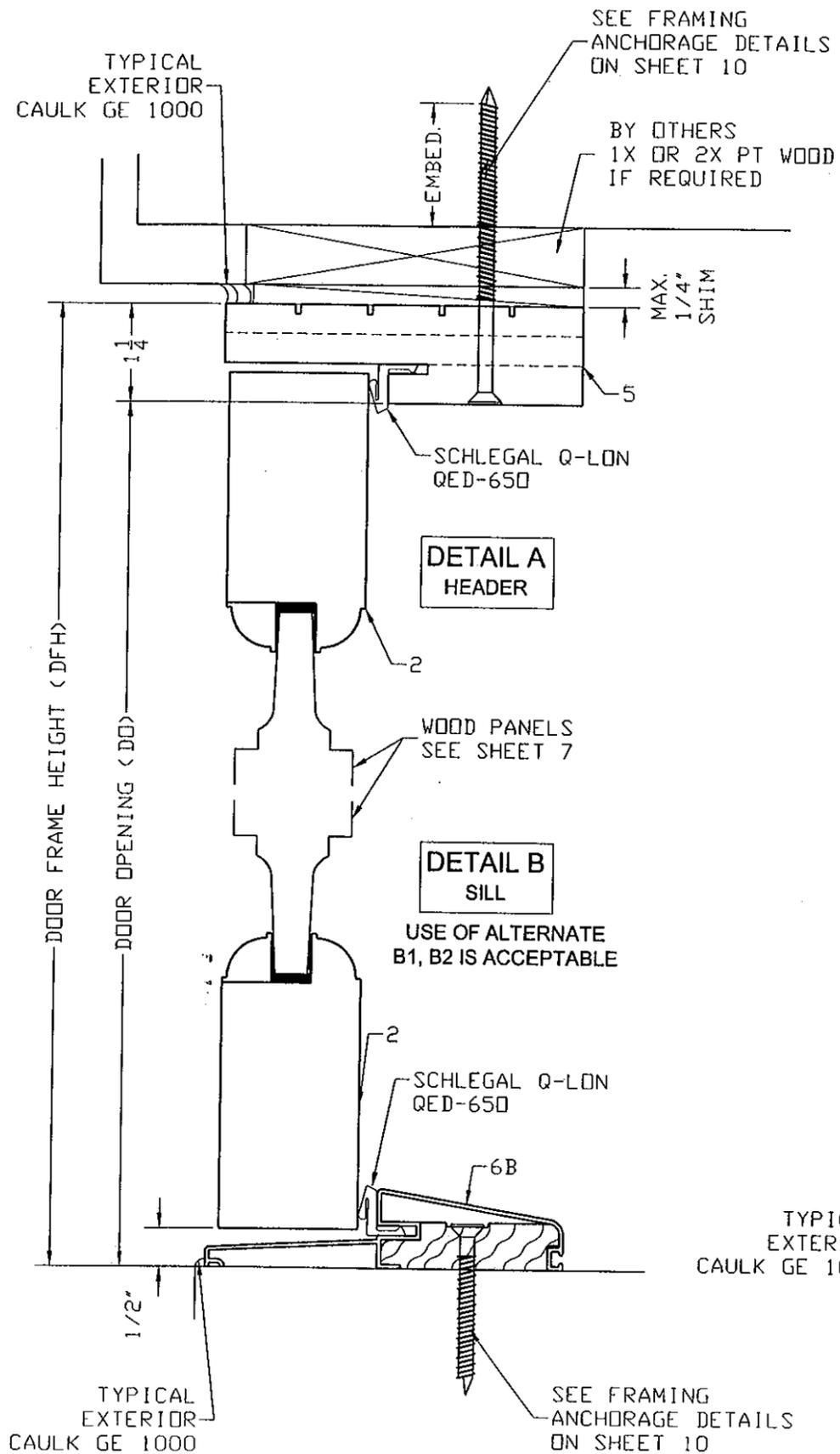
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 7 OF 13

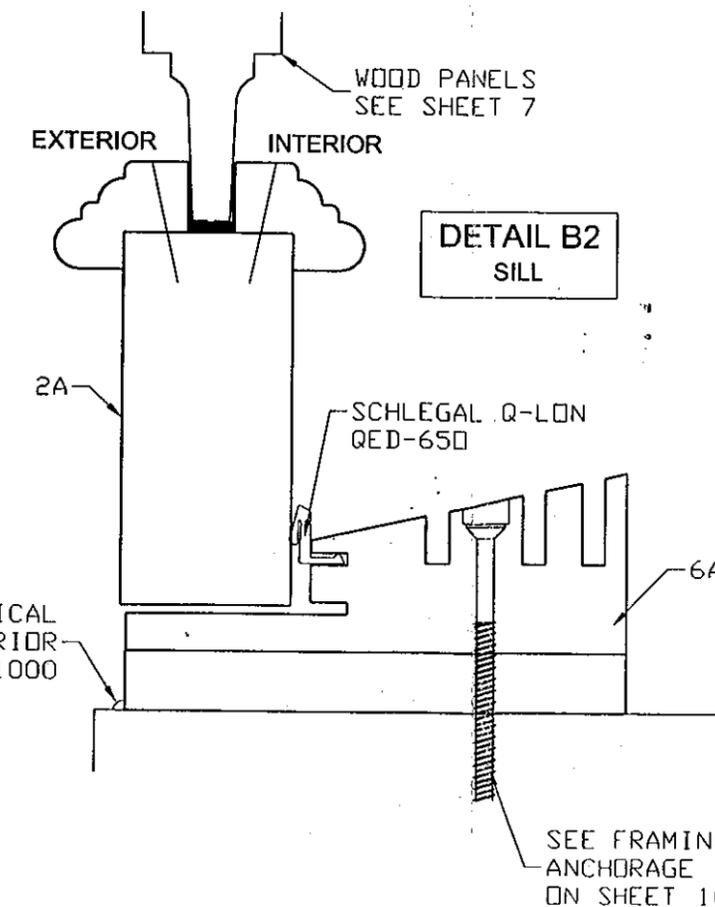
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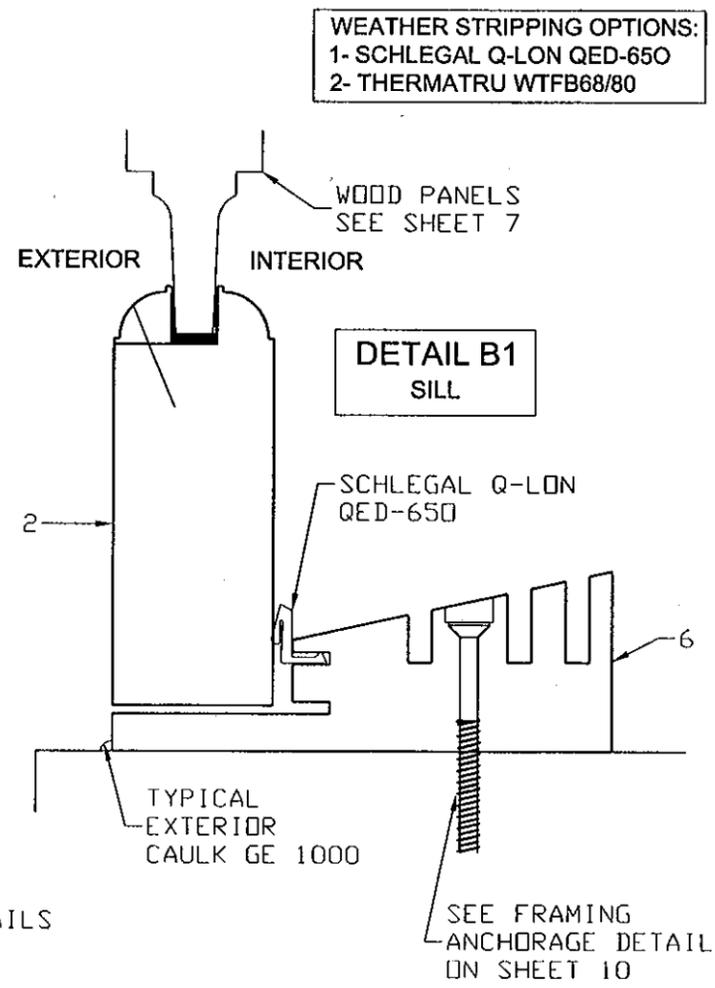
DETAIL A
HEADER

DETAIL C
JAMB OPERABLE

DETAIL B
SILL
USE OF ALTERNATE B1, B2 IS ACCEPTABLE



DETAIL B2
SILL



DETAIL B1
SILL

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

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SHEET 8 OF 13
DRAWING #: 12-105

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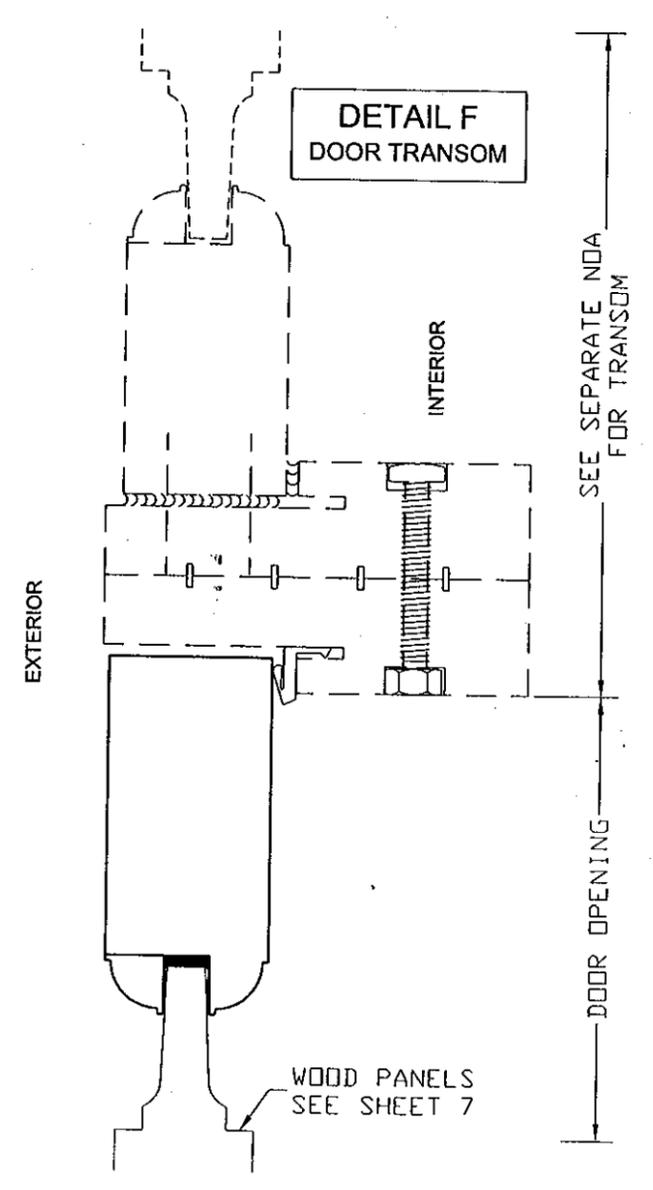
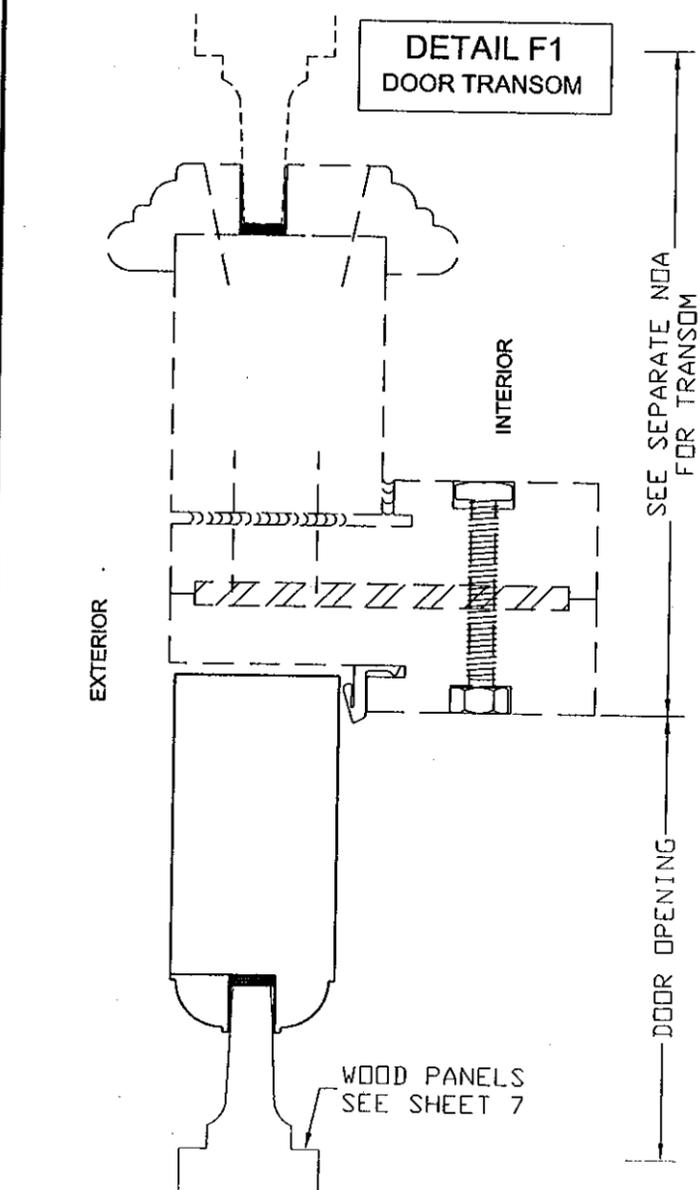
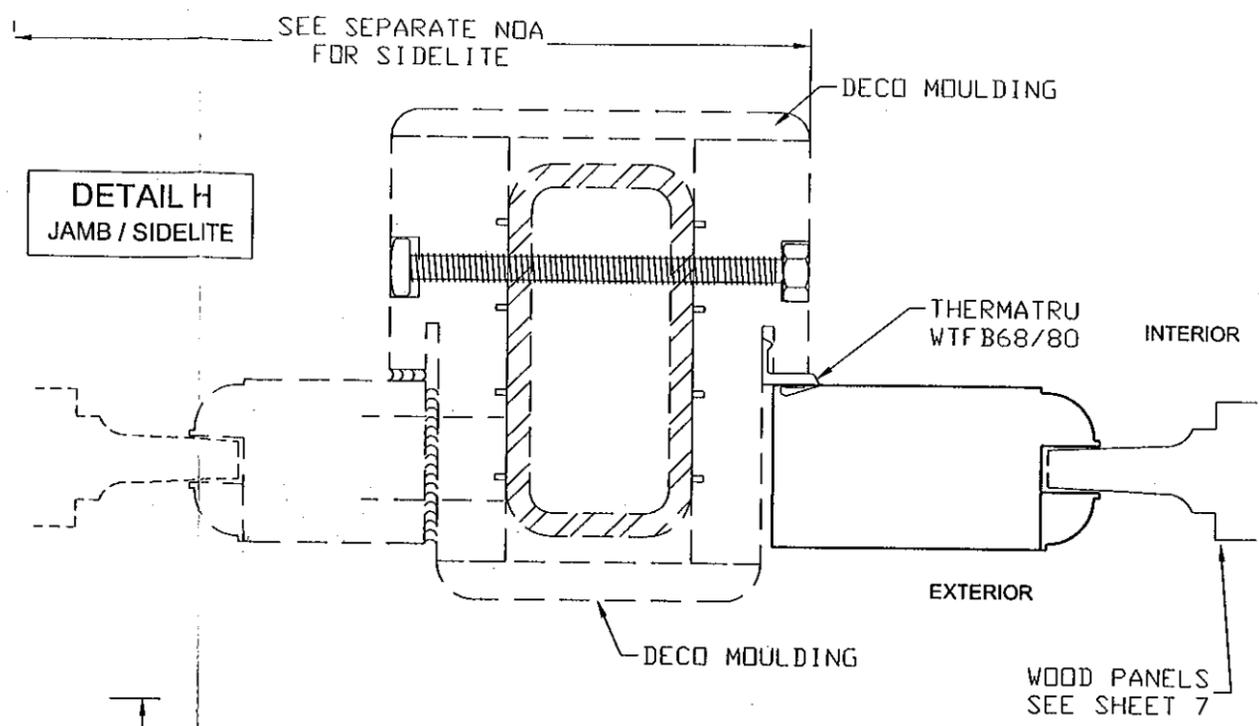
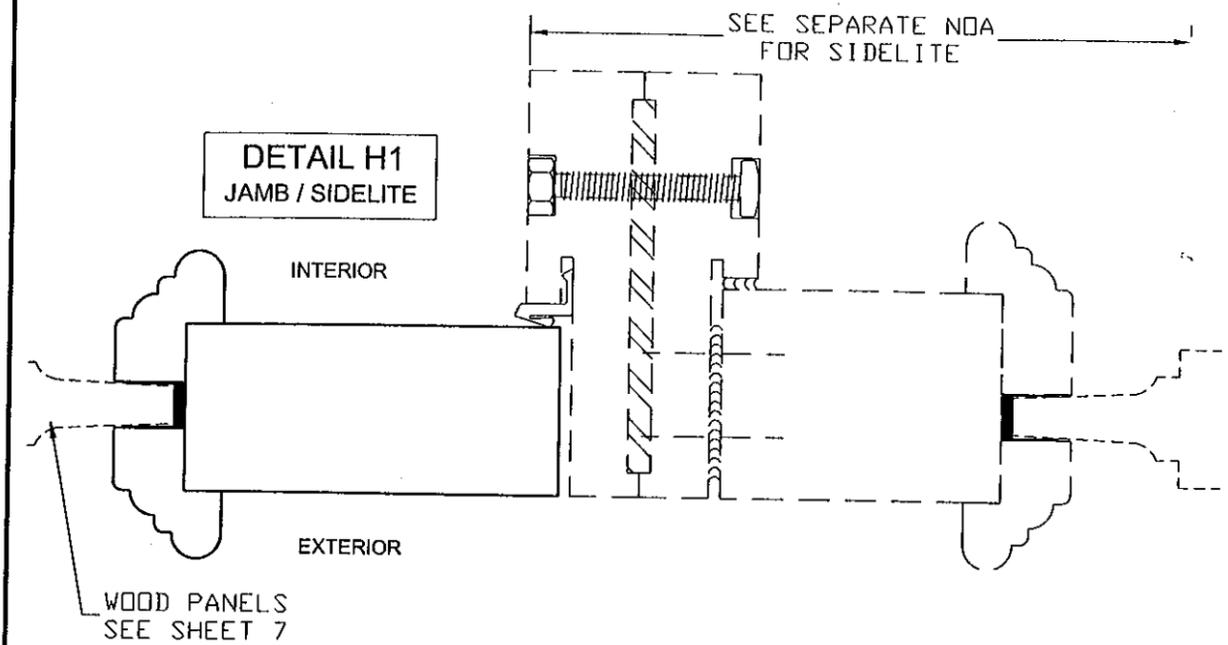
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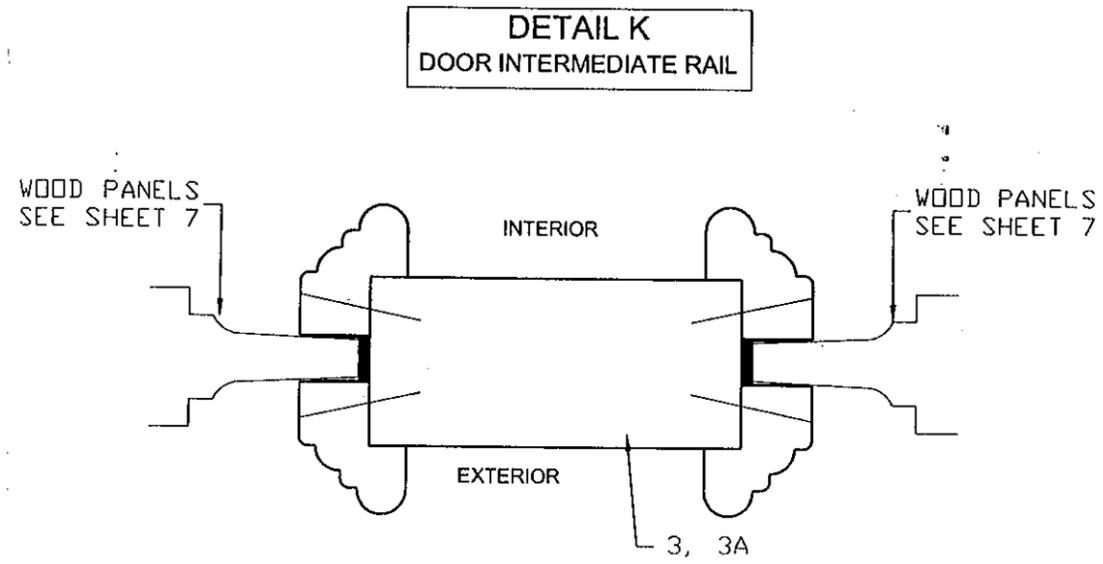
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SHEET
 9 OF 13
 DRAWING #:
 12-105

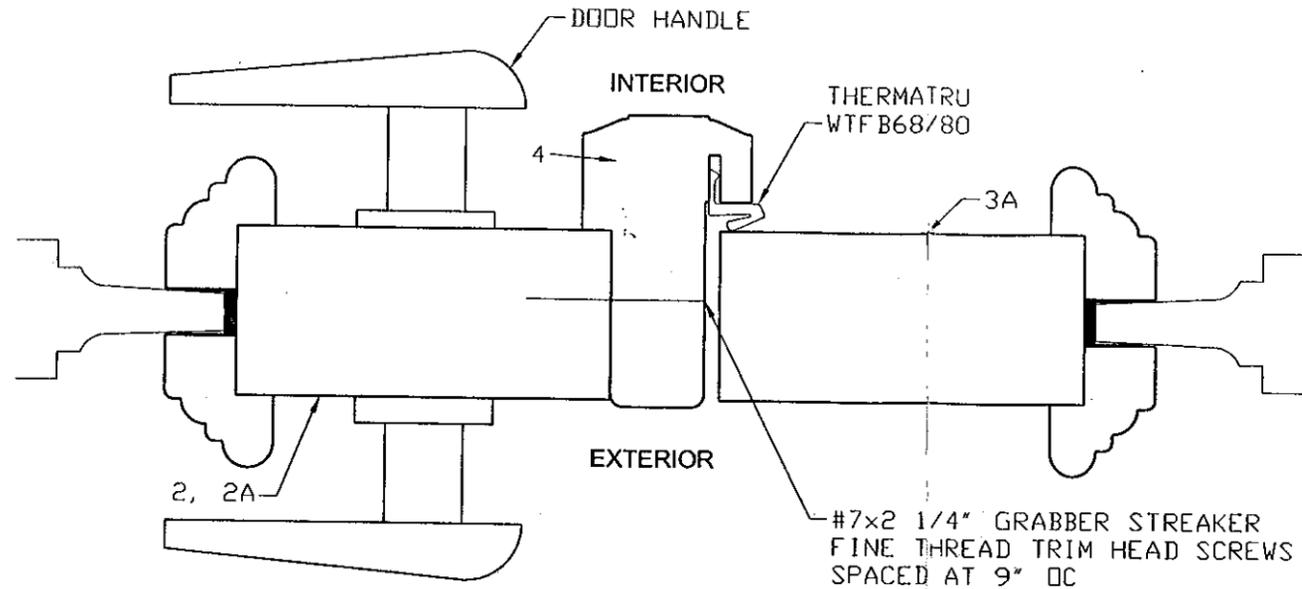


WEATHER STRIPPING OPTIONS:
 1- SCHLEGAL Q-LON QED-650
 2- THERMATRU WTFB68/80



3, 3A

**DETAIL D
MEETING STILES**



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

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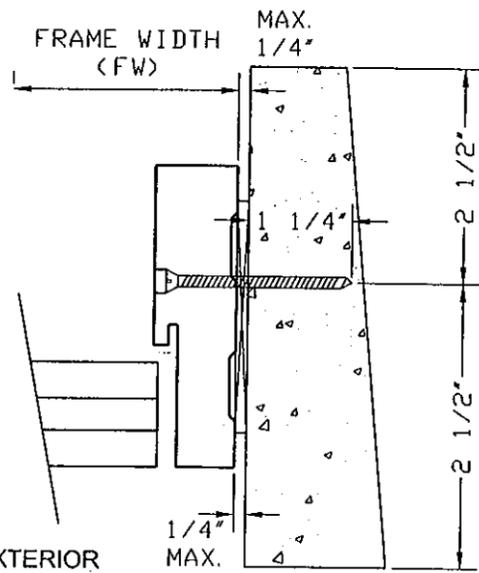
PRODUCT:

**OUTSWING
WOOD DOOR**
OPAQUE WOOD PANEL
LARGE & SMALL MISSILE
IMPACT RATED

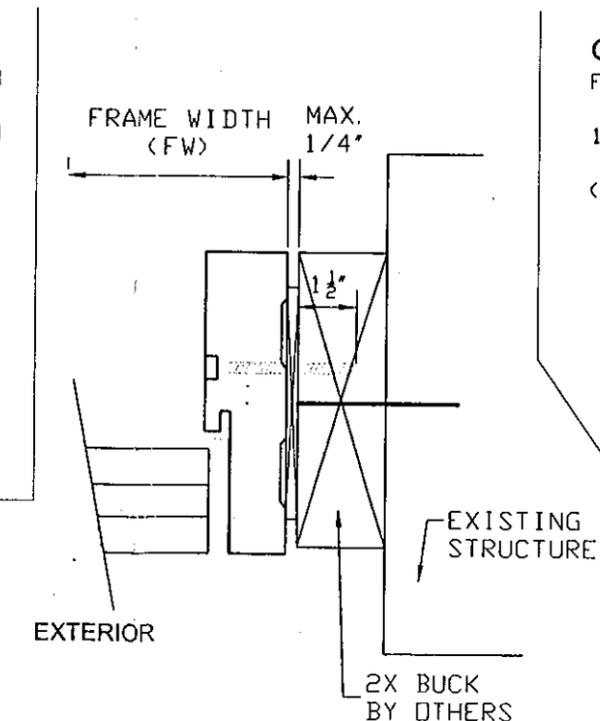
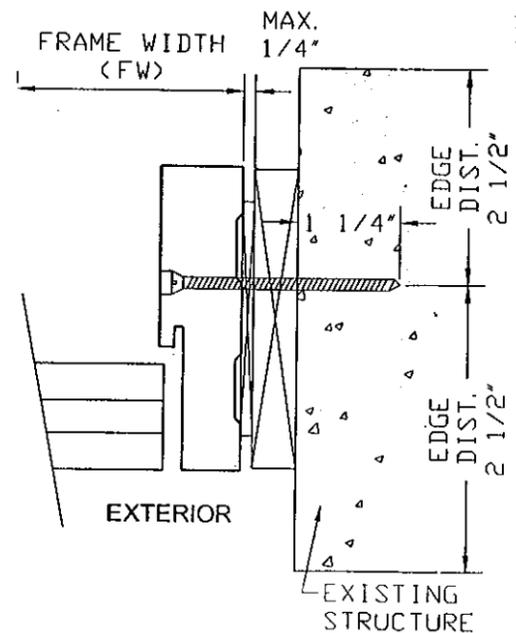
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5595 ORANGE DR. 201
DAVIE, FL. 33314
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FRAMING ANCHORAGE DETAILS

OPTION 2
FRAME MOUNTED WITH MAXIMUM 1/4" SHIM AND MAXIMUM 1X PT CONTINUOUS WOOD SPACER SECURED BY 1/4" TAPCONS BY ITW BUILDDEX WITH 1 1/4" MIN. EMBEDMENT INTO MASONRY (JAMBS) OR INTO 3000 PSI CONCRETE. FOR INSTALLATION INTO METAL STRUCTURES USE 1/4"-20 HWH GRADE 5 SDS
(REFER TO ELEVATIONS ON SHEETS 2 THROUGH 6 FOR ANCHORS QTY. AND LAY-OUT)
1X BUCK TO BE PROPERLY DESIGNED BY OTHERS.

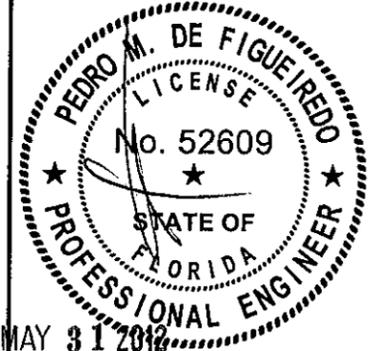
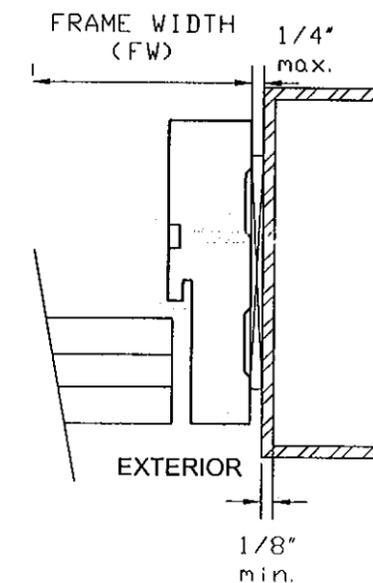


OPTION 1
FRAME MOUNTED DIRECTLY INTO SUBSTRATE WITH MAXIMUM 1/4" SHIM AND 1/4" TAPCONS BY ITW BUILDDEX WITH 1 1/4" MIN. EMBEDMENT INTO MASONRY (JAMBS) OR INTO 3000 PSI CONCRETE
(REFER TO ELEVATIONS ON SHEETS 2 THROUGH 6 FOR ANCHORS QTY. AND LAY-OUT)



OPTION 3
FRAME MOUNTED DIRECTLY INTO 2X PT WOOD BUCK (SG)=0.55) WITH MAXIMUM 1/4" SHIM AND SECURED BY #14 SS WOOD SCREWS OR 1/4" TAPCONS WITH 1 1/2" MIN. EMBEDMENT.
(REFER TO ELEVATIONS ON SHEETS 2 THROUGH 6 FOR ANCHORS QTY. AND LAY-OUT)
2X BUCK TO BE PROPERLY DESIGNED BY OTHERS.

OPTION 4
FRAME MOUNTED DIRECTLY INTO METAL STRUCTURES WITH MAXIMUM 1/4" SHIM 1/4"-20 HWH GRADE 5 SDS INTO MIN. 1/8" A36 STEEL OR 6063-T6 ALUMINUM.
(REFER TO ELEVATIONS ON SHEETS 2 THROUGH 6 FOR ANCHORS QTY. AND LAY-OUT)



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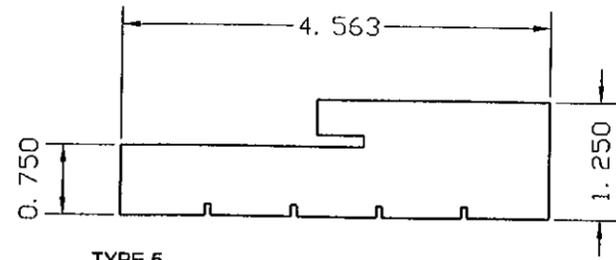
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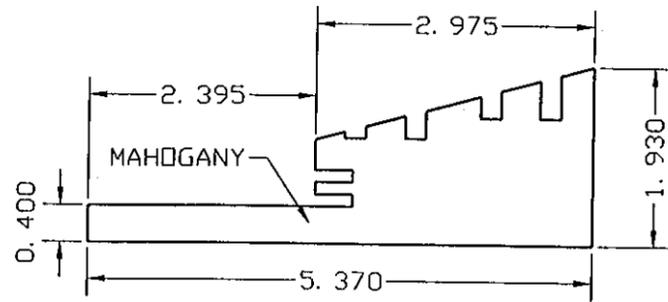
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SHEET 10 OF 13
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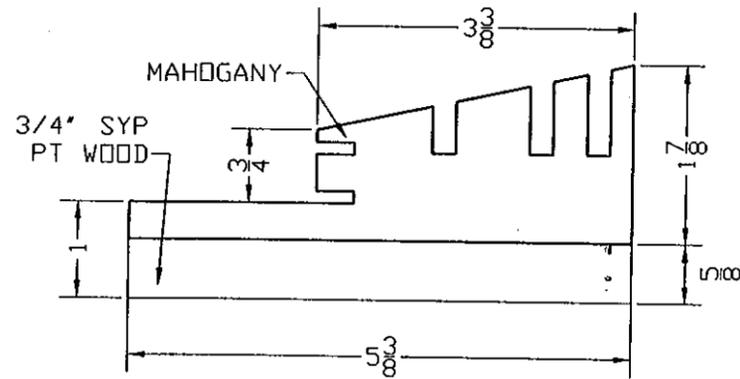
FRAMING COMPONENTS



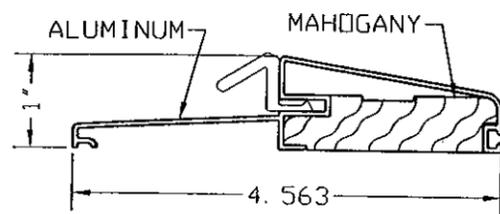
TYPE 5
DOOR HEADER AND JAMBS
WINDOW HEADER, JAMBS AND SILL
LAMINATED OR SOLID WOOD



TYPE 6 - DOOR THRESHOLD
LAMINATED OR SOLID WOOD

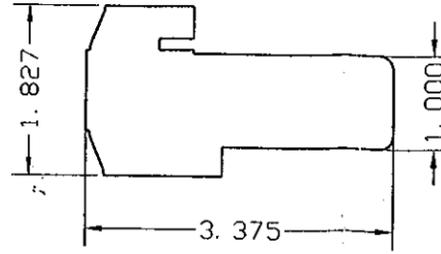


TYPE 6A - DOOR THRESHOLD
LAMINATED OR SOLID WOOD

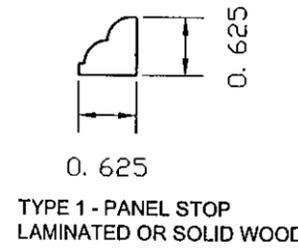


TYPE 6B
ENDURA ALUMINUM THRESHOLD

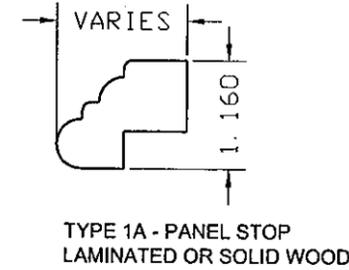
SASH COMPONENTS



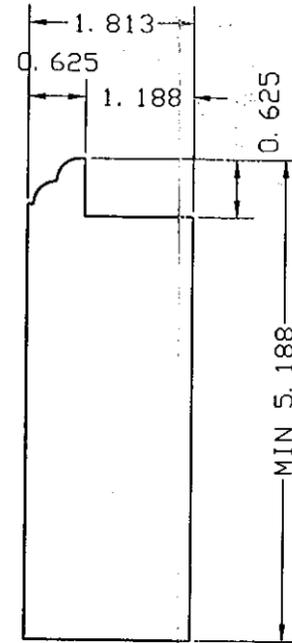
TYPE 4 - ASTRAGAL
LAMINATED OR SOLID WOOD



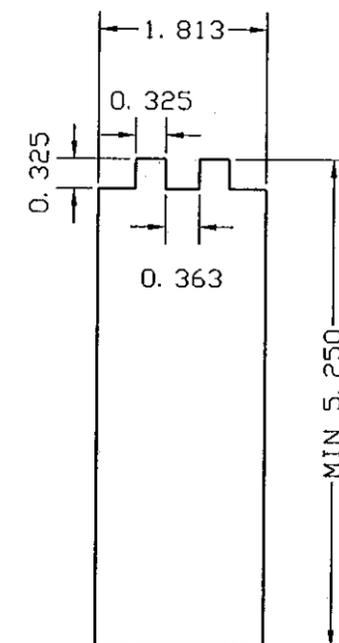
TYPE 1 - PANEL STOP
LAMINATED OR SOLID WOOD



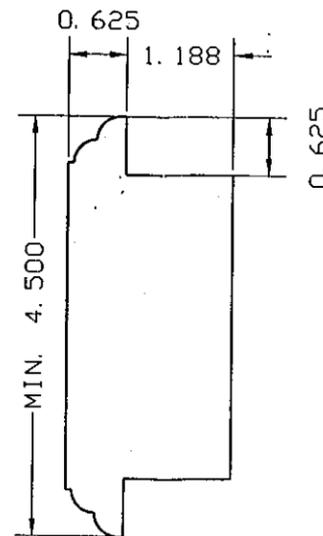
TYPE 1A - PANEL STOP
LAMINATED OR SOLID WOOD



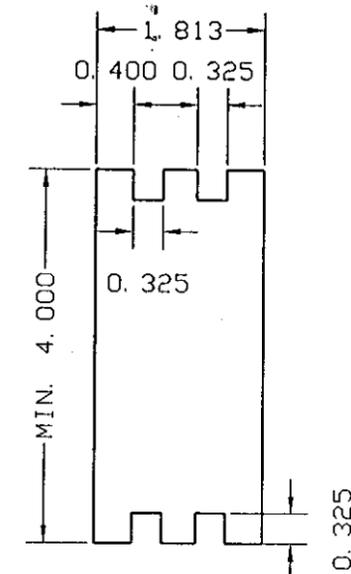
TYPE 2 - RAIL/STILE
LAMINATED OR SOLID WOOD



TYPE 2A - RAIL/STILE
LAMINATED OR SOLID WOOD



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

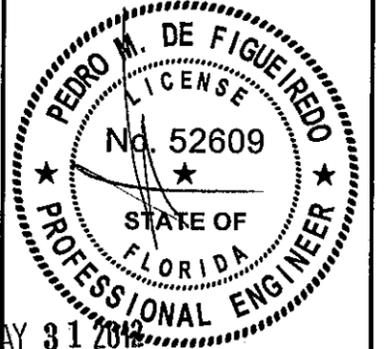


TYPE 3A - INTERMEDIATE RAIL
HORIZONTAL / VERTICAL
LAMINATED OR SOLID WOOD

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PRODUCT:
**OUTSWING
WOOD DOOR**
OPAQUE WOOD PANEL
LARGE & SMALL MISSILE
IMPACT RATED

ENGINEERING:
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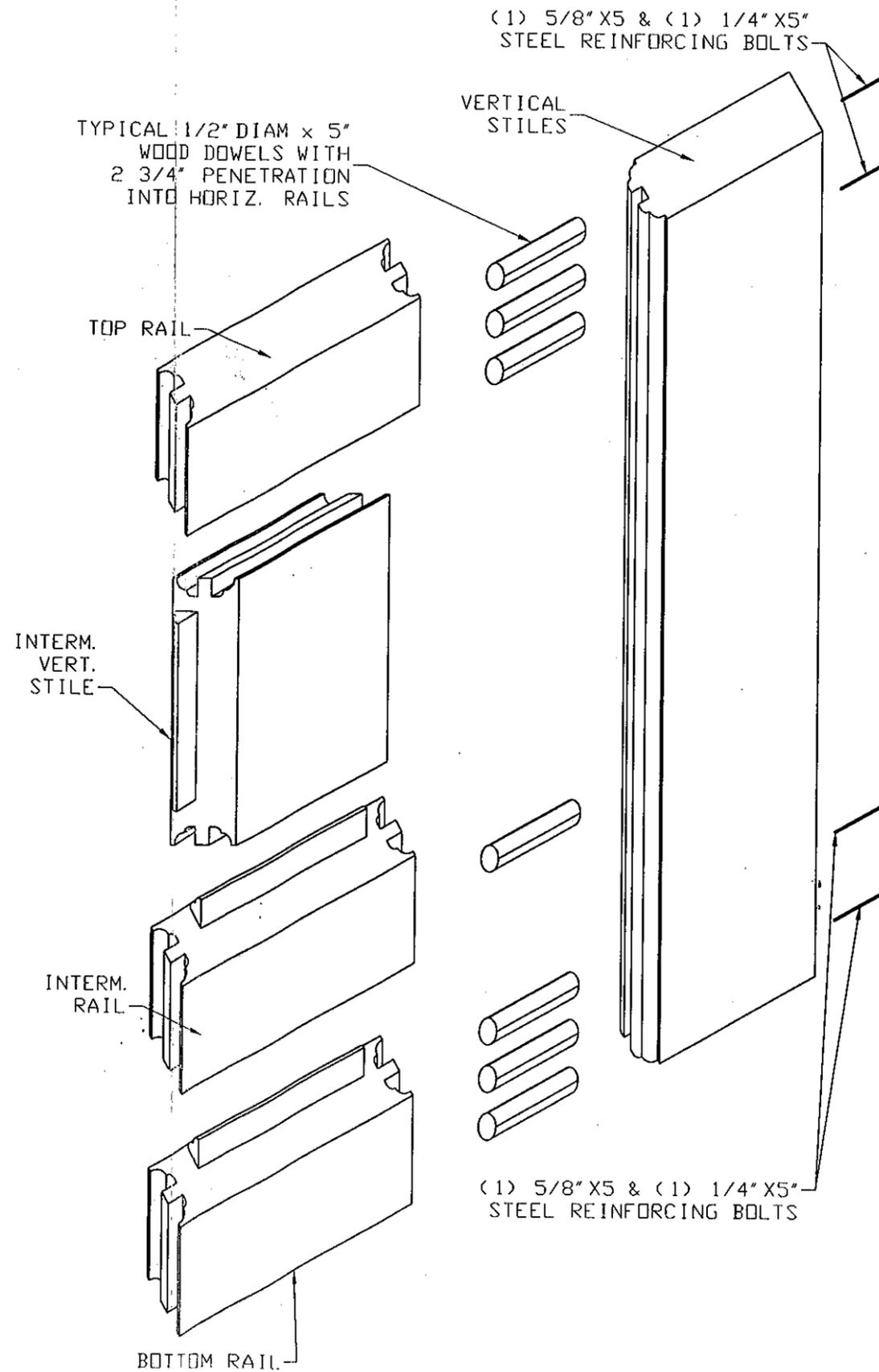
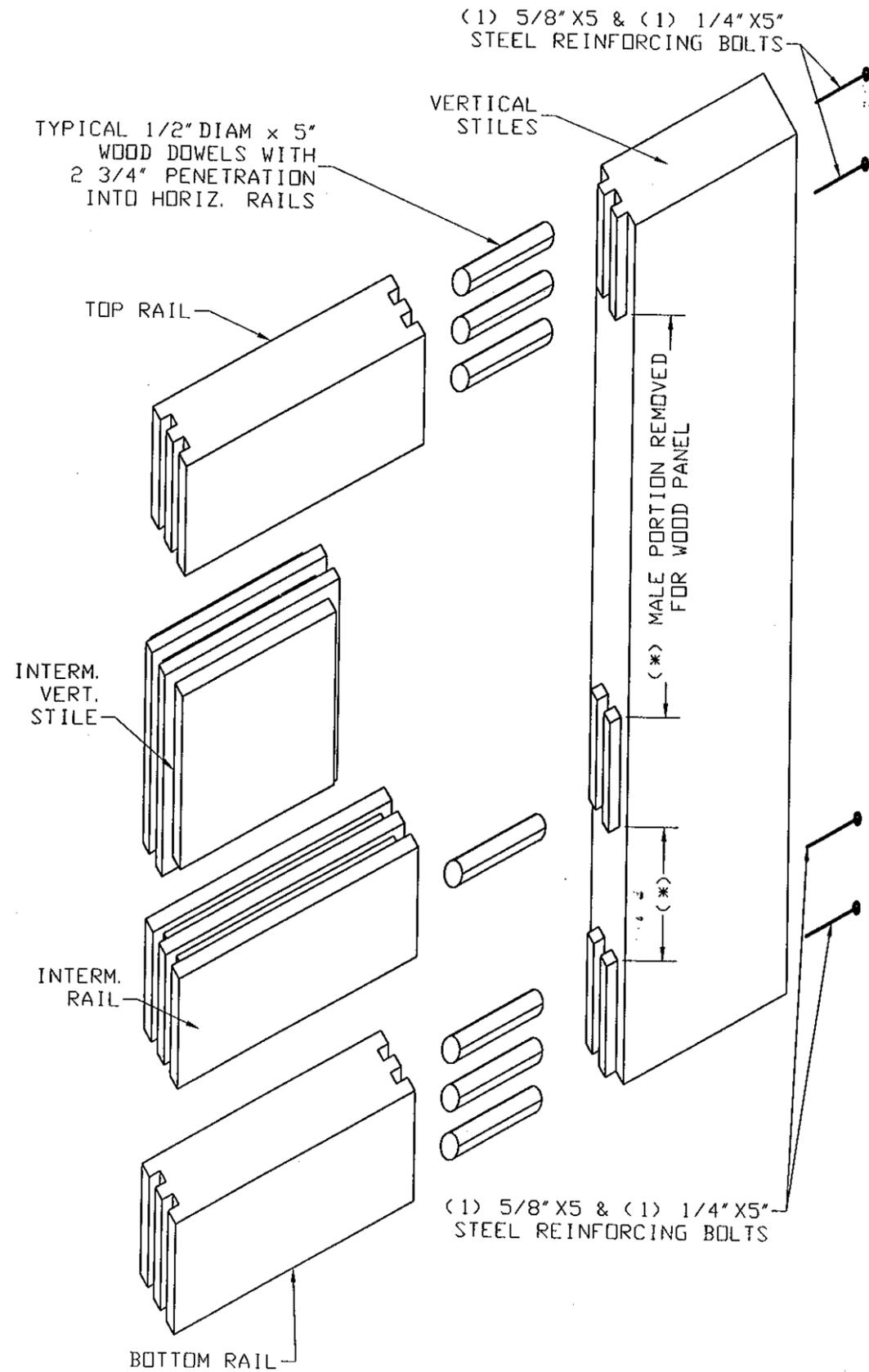
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SHEET
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DRAWING #:
12-105

SASH 2A/3A ASSEMBLY

SASH 2/3 ASSEMBLY



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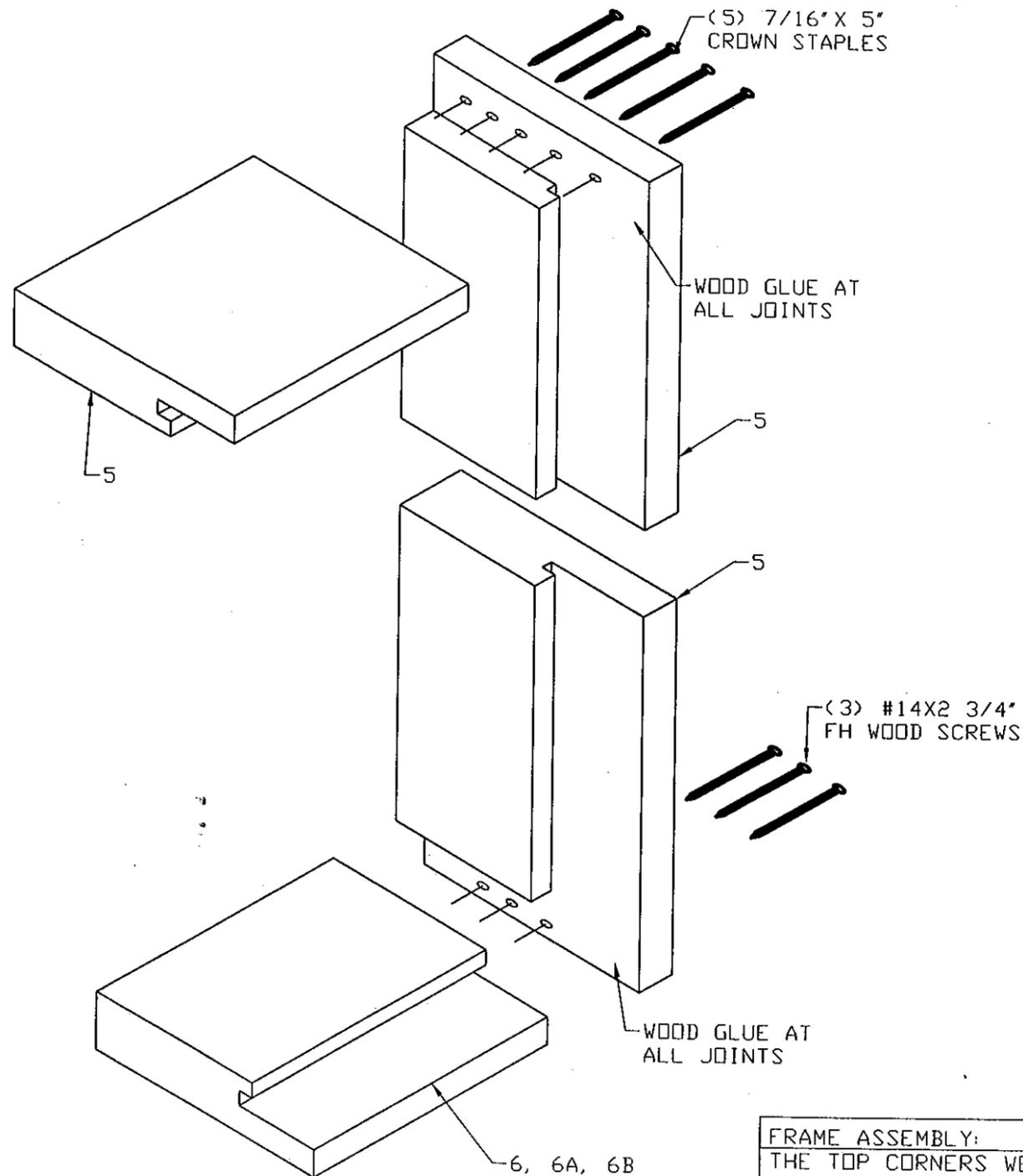
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 SCALE: NA
 DESIGN BY: PPMF

SHEET 12 OF 13
 DRAWING #: 12-105

TYPICAL CORNER FRAMING
CONSTRUCTION



FRAME ASSEMBLY:
THE TOP CORNERS WERE RABBETED (1/2" NOTCH ON THE JAMBS) AND FASTENED TOGETHER WITH (5) 7/16" X 2" CROWN STAPLES. THE BOTTOM CORNERS WERE BUTT JOINED AND FASTENED WITH (3) #14X2 3/4" FH WOOD SCREWS. WOOD GLUE WAS APPLIED AT ALL JOINTS

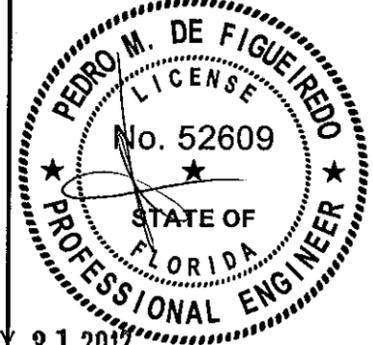
BILL OF MATERIALS

ITEM	DESCRIPTION
1	LAMINATED OR SOLID WOOD PANEL STOP
1A	LAMINATED OR SOLID WOOD PANEL 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" ASTM A500-B STEEL MULLION
7A	1/4X4 ASTM A36 STEEL REINFORCEMENT
8	SCHLEGAL Q-LON QED-650 WEATHER STRIPPING
8A	THERMATRU WTFB68/80 WEATHER STRIPPING
9	GE SCS 1000 SILICONE SEALANT
10	POLYSEAM SEAL ADHESIVE SEALANT
11	DOW 995 SILICONE
12	5/16" SS PHMS W/ NUT
13	7/16" CROWN STAPLES
14	#7X2 1/4" GRABBER STREAKER FINE THREAD TRIM HEAD SCREWS
15	5/16" ITW TAPCONS ANCHORS
16	1/4" TAPCONS BY ITW
17	#14 SS WOOD SCREWS
18	1/4-20 HWH GRADE 5 SELF DRILLING SCREWS
19	1/2" WEDGE BOLTS ANCHORS BY POWERS
20	1/2" X 5" WOOD DOWELS
21	5/8" X 5" STEEL BOLTS
22	1/4" X 5" STEEL BOLTS
23	TITEBOND II PREMIUM WOOD GLUE BY FRANKLIN MANUFACTURING

MANUFACTURER:
**ALL AMERICAN
MILLWORK LLC**
12920 SW 120 STREET
MIAMI- FLORIDA- 33186
TEL : (305) 255-7783
FAX : (305) 255-6613
WWW.DISTINCTIVEDOORS.COM

PRODUCT:
**OUTSWING
WOOD DOOR**
OPAQUE WOOD PANEL
LARGE & SMALL MISSILE
IMPACT RATED

ENGINEERING:
ENGCO INC. CA 8116
5595 ORANGE DR. 201
DAVIE, FL. 33314
Tel.: (954) 585-0304
ENGCO@AOL.COM



MAY 31 2012
Engineer Seal
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **12-0607.05**
Expiration Date **12/06/2012**
By *[Signature]*
Miami Dade Product Control

DATE: 05/29/2012
SCALE: NA
DESIGN BY: PPMF

SHEET
13 OF 13
DRAWING #:
12-105