



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidadecounty.gov/economy

Roatan Mahogany USA, Inc.
4004 C Aurora Street
Coral Gables, FL 33146

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 RER - 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. RER 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 "Roatan Swietenia" Wood Single Hung Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. 14-094 titled "Roatan Swietenia Series - Single Hung Window - Large & Small Missile Impact Rated", sheets 1 through 9 of 9, dated 08/02/14, prepared by EngCo, Inc., signed and sealed by Pedro M. 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 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, model/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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Manuel Perez, P.E.



MP
10/24/14

NOA No. 14-0828.02
Expiration Date: October 30, 2019
Approval Date: October 30, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **14-094**, titled "Roatan Swietenia Series - Single Hung Window - Large & Small Missile Impact Rated", sheets 1 through 9 of 9, dated 08/02/14, prepared by EngCo, Inc., signed and sealed by Pedro M. De Figueiredo, P.E.

B. TESTS

1. Test reports on:
 - 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 202-94along with marked-up drawings and installation diagram of a wood single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7791**, dated 07/02/14, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, prepared by EngCo, Inc., dated 08/02/14, signed and sealed by Pedro M. De Figueiredo, P.E.
2. Glazing complies with **ASTM E1300-98**.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **13-0909.10** issued to Polymer Extrusion Technology, Inc. dba Glasslam for their "**Glasslam Safety-Plus II Glass Interlayer**" dated 10/03/13, expiring on 08/07/18.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, and of no financial interest, dated September 30, 2014, issued by EngCo Inc., signed and sealed by Pedro M. De Figueiredo, P.E.
2. Proposal No. **13-1590** issued by the Product Control Section, dated December 12, 2013, revised on May 1 2014, signed by Manuel Perez, P.E.

G. OTHER

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-0828.02

Expiration Date: October 30, 2019
Approval Date: October 30, 2014

GENERAL NOTES:
 FLORIDA BUILDING CODE 2014/ 2010 HVHZ
 LARGE & SMALL MISSILE IMPACT RATED

- 1- DEFINITION: THIS PRODUCT IS A MAHOGANY GLAZED SINGLE HUNG WINDOW; DESIGNED, CONSTRUCTED AND ERECTED TO ENCLOSE AN AREA, PROVIDING PROTECTION FROM HURRICANE FORCE WINDS WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.
- 2- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE 2010/ 2014 FLORIDA BUILDING CODE, HIGH VELOCITY HURRICANE ZONES (HVHZ).
- 3- POSTING: A PERMANENT LEGIBLE DECAL SHALL BE PLACED AT A READILY VISIBLE LOCATION STATING THE FOLLOWING:
 "ROATAN MAHOGANY USA, INC.- MIAMI - FLORIDA
 ROATAN SWIETENIA SERIES - SINGLE HUNG WINDOW
 LARGE MISSILE IMPACT RESISTANT
 MIAMI-DADE COUNTY PRODUCT 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 MULTIPLIED BY 0.6
- 5- MATERIAL: ALL WOOD MATERIAL TO BE FABRICATED FROM KILN DRIED MAHOGANY OR ANY COMPARABLE WOOD WITH SPECIFIC GRAVITY EQUAL OR GREATER THAN 0.45.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL.
- 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 SHUTTER IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
 - 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, WINDLOADS, 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 FLORIDA BUILDING CODE.

TEST PERFORMANCE :

TAS 202 (93 PSF), 201 (LARGE MISSILE) AND 203 (93 PSF)
 ASTM E2068 - OPERATING FORCE
 ASTM E283 - AIR INFILTRATION 6.24 PSF - 0.02 cfm/sq.ft
 ASTM E331 - WATER RESISTANCE TEST 13.95 PSF
 ASTM F588 - FORCE ENTRY TEST

ROATAN SWIETENIA SERIES

SINGLE HUNG WINDOW
 LARGE AND SMALL IMPACT RESISTANT
 ALLOWABLE PRESSURE RATING:

SEE SHEETS 4 AND 5 FOR PRESSURE RATINGS USING DIRECT AND IX INSTALLATIONS

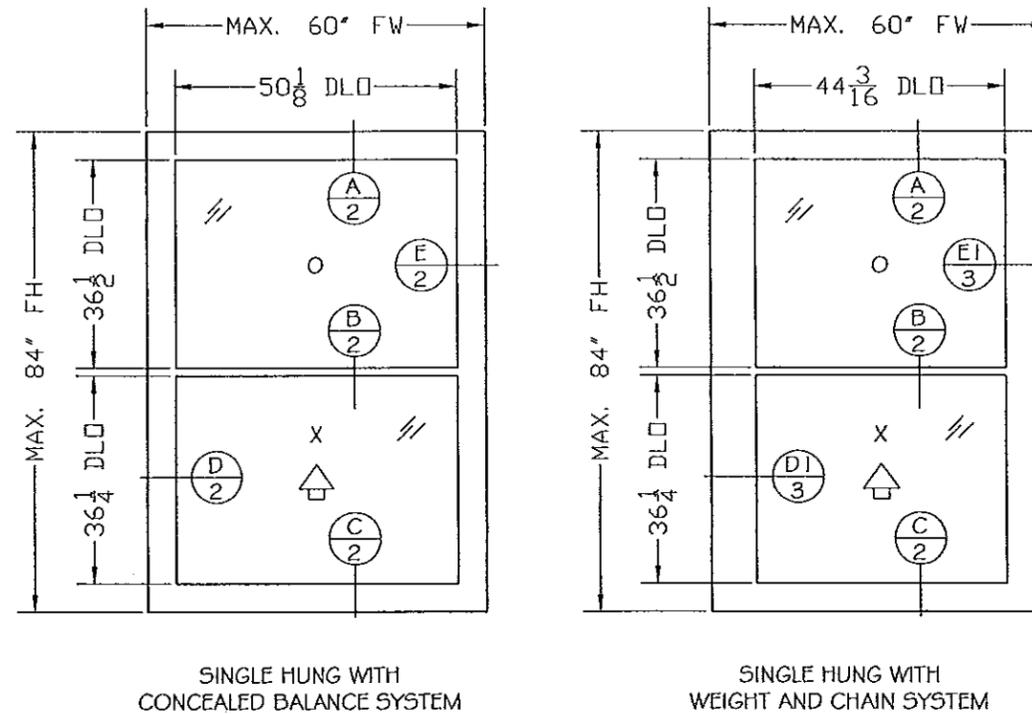


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9 OF 9	FRAME AND SASH ASSEMBLY

MANUFACTURER:

ROATAN
 MAHOGANY
 USA, INC

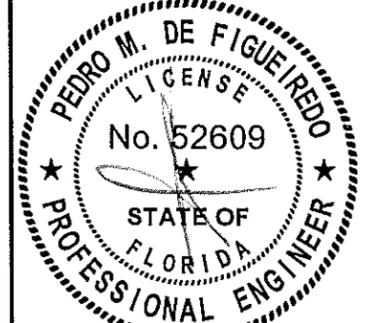
4004C AURORA STREET
 CORAL GABLES, FL 33146
 PHONE: (305) 774-5999
 FAX: (305) 774-0083

PRODUCT:

ROATAN SWIETENIA
 SERIES
 SINGLE HUNG WINDOW
 LARGE & SMALL
 MISSILE IMPACT RATED

ENGINEERING:

ENGCO INC. CA8116
 5595 ORANGE DR. 201
 DAVIE, FL. 33314
 Tel.: (954) 585-0304
 ENGCO@AOL.COM



OCT 22 2014

Engineer Seal
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

Approved as complying with the
 Florida Building Code
 Date Oct 30 2014
 NOAH 14-0815-02
 Miami Dade Product Control

By: *[Signature]*

DATE: 08/02/2014
 SCALE: NA
 DESIGN BY: PPMF

SHEET
 1 OF 9

DRAWING #:
 14-094

MANUFACTURER:

ROATAN MAHOGANY USA, INC

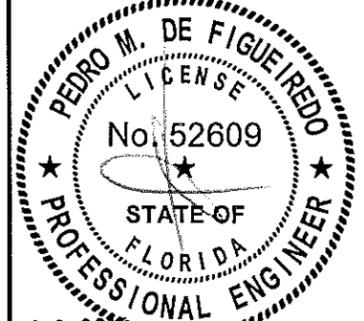
4004C AURORA STREET
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PHONE: (305) 774-5999
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5595 ORANGE DR. 201
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Tel.: (954) 585-0304
ENGCO@AOL.COM



22 2014
Engineer Seal
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

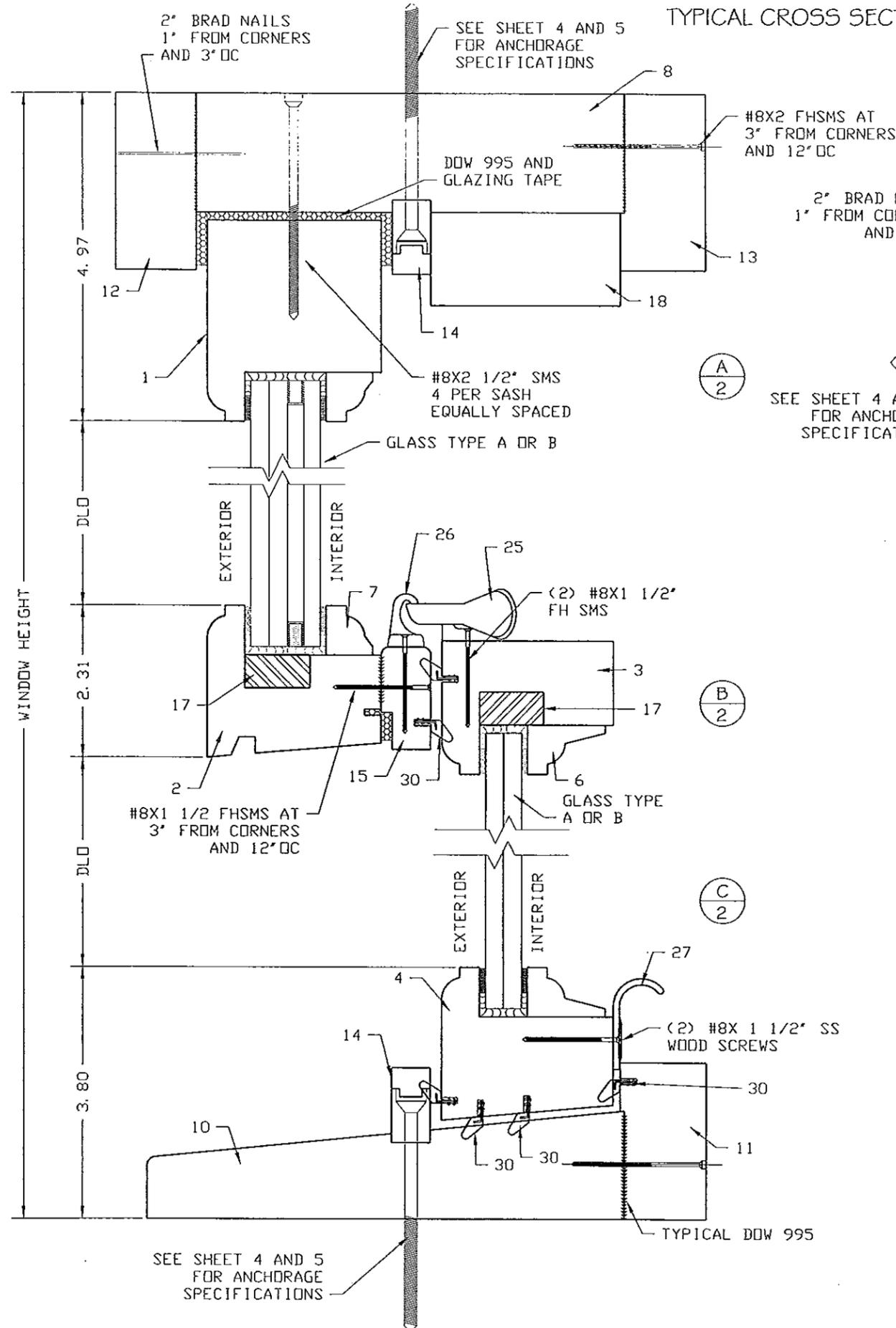
Approved as complying with the
Florida Building Code
Date Oct 20, 2014
NOA# 14-0828-01
Miami Dade Product Control
By Manuel Perez

DATE: 08/02/2014
SCALE: NA
DESIGN BY: PPMF

SHEET
2 OF 9

DRAWING #:
14-094

TYPICAL CROSS SECTIONS



2" BRAD NAILS
1" FROM CORNERS
AND 3" OC

SEE SHEET 4 AND 5
FOR ANCHORAGE
SPECIFICATIONS

A
2

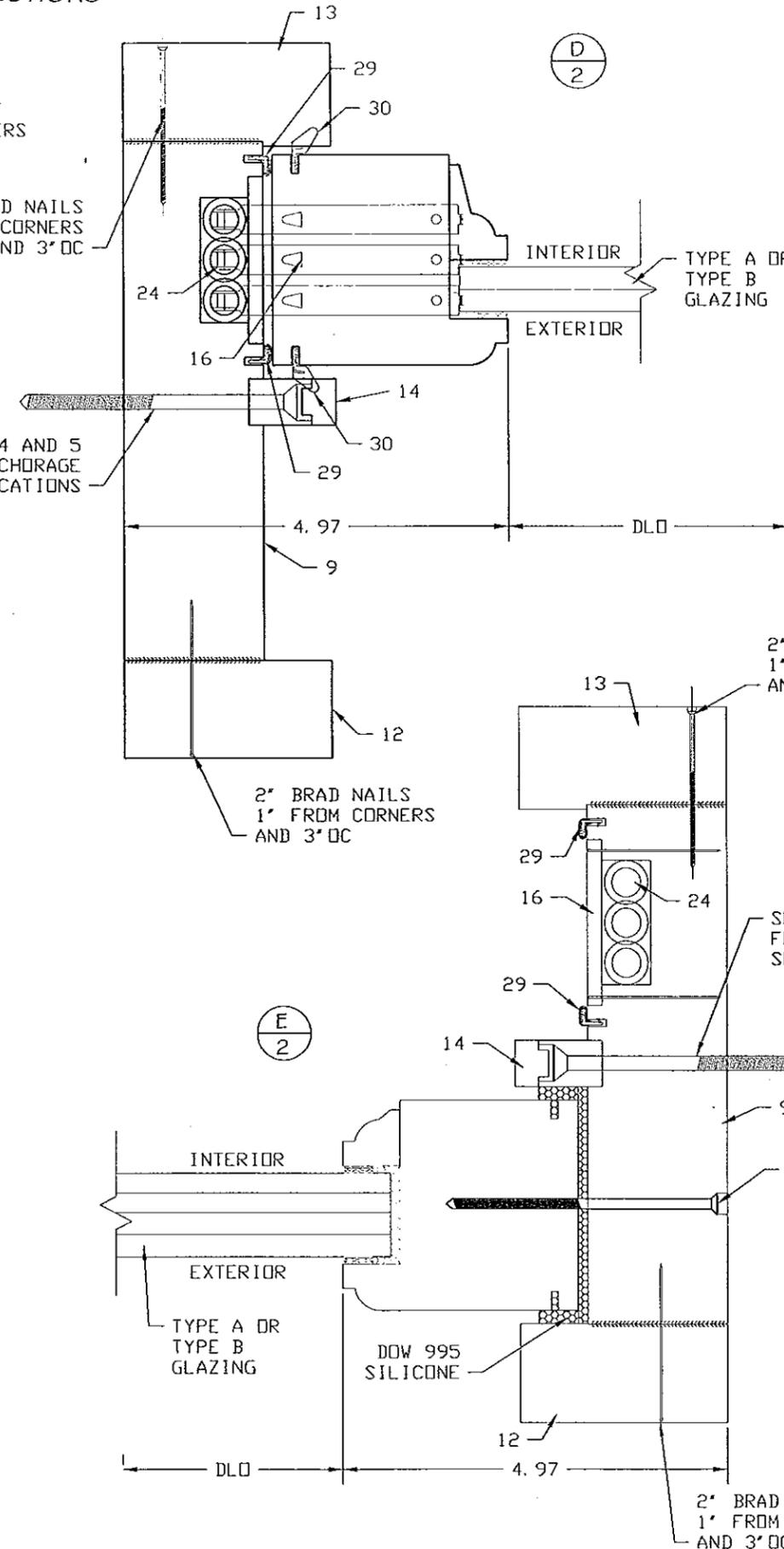
B
2

C
2

(2) #8 X 1 1/2" SS
WOOD SCREWS

TYPICAL DOW 995

SEE SHEET 4 AND 5
FOR ANCHORAGE
SPECIFICATIONS



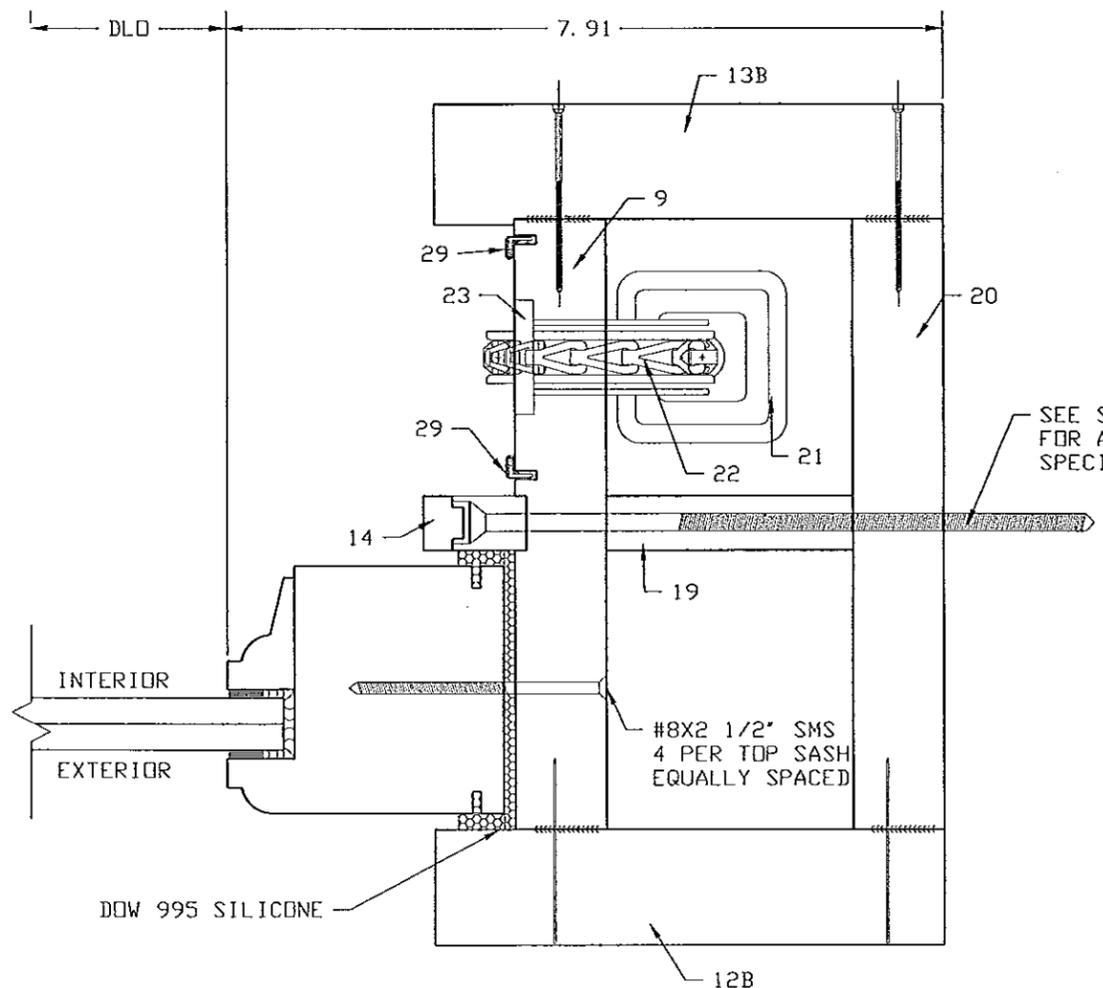
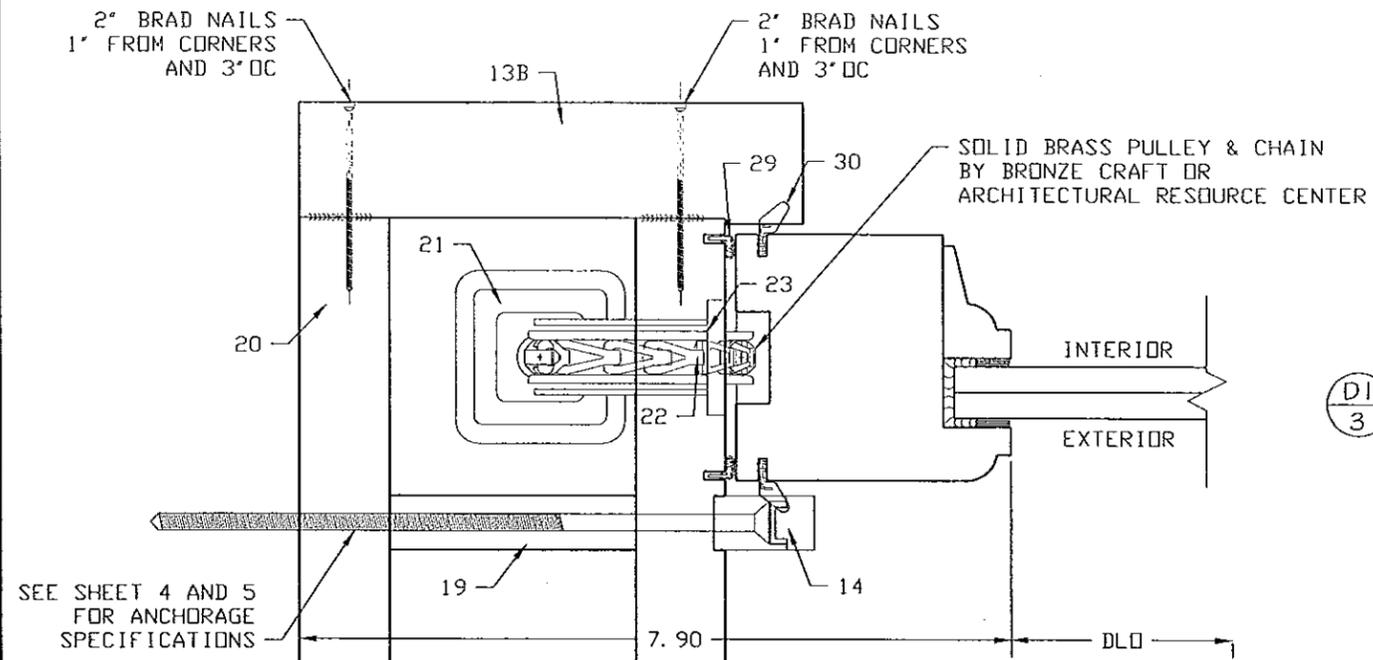
D
2

E
2

OC

2" BRAD NAILS
1" FROM CORNERS
AND 3" OC

TYPICAL CROSS SECTIONS



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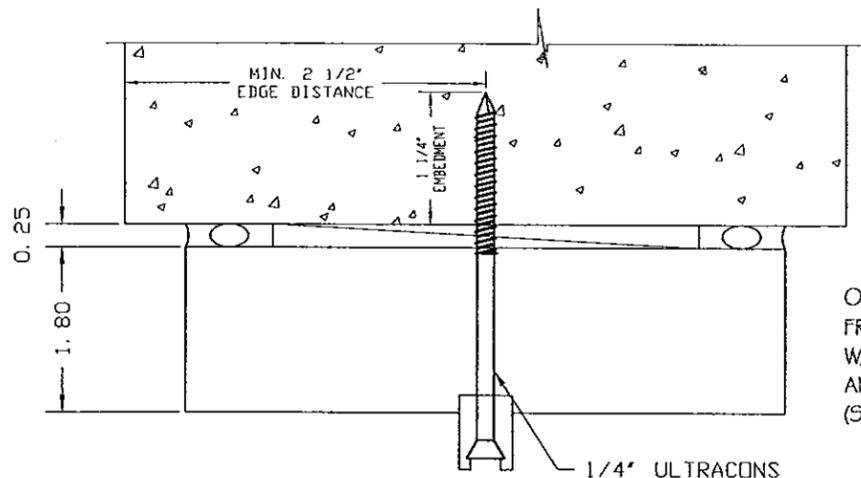
OCT 22 2014 Engineer Seal
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:
 Approved as complying with the Florida Building Code
 Date 08/20/2014
 NOA# 14-0825-02
 Miami Dade Product Control
 By Manuel Inz

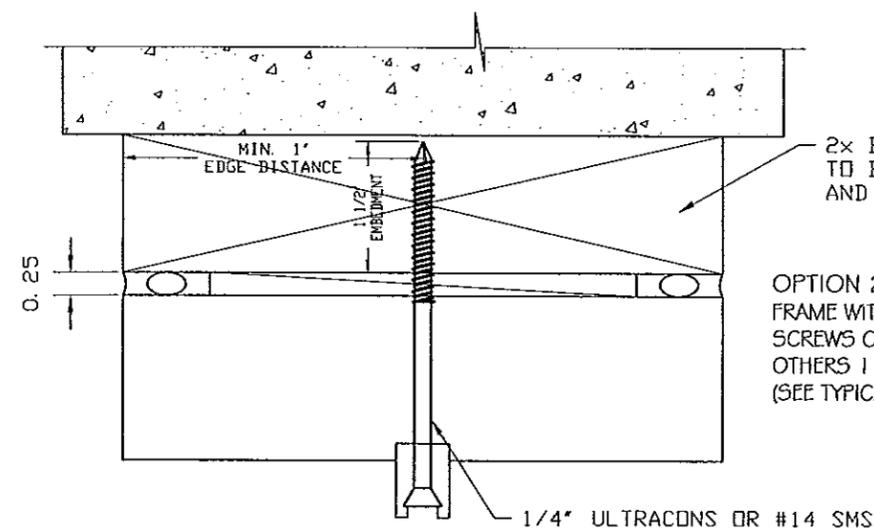
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 SCALE: NA
 DESIGN BY: PPMF

SHEET 3 OF 9 DRAWING #: 14-094

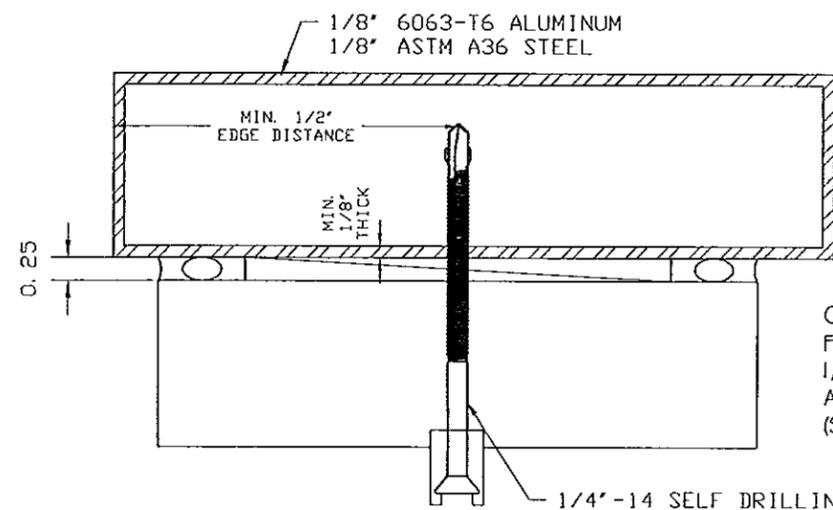
TYPICAL ANCHORAGE DETAILS
(FOR DIRECT INSTALLATIONS)
ALLOWABLE PRESSURE RATING: ±93 PSF



OPTION 1
FRAME WITH MAXIMUM 1/4" SHIM AND SECURED
W/ 1/4" ULTRACONS BY ELCO WITH 1 1/4" MIN. EMBEDMENT
AND 2 1/2" E.D. INTO GF MASONRY OR 3000 PSI CONCRETE
(SEE TYPICAL ANCHORAGE LAY-OUT)

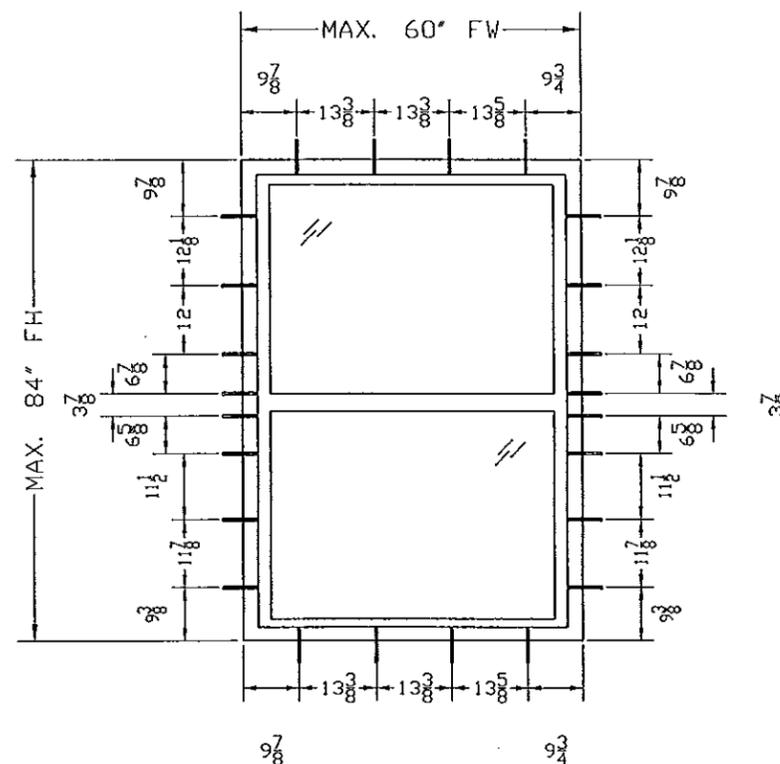


OPTION 2
FRAME WITH MAXIMUM 1/4" SHIM SECURED W/ #14 SS WOOD
SCREWS OR 1/4" ULTRACONS INTO 2X PT CONT. WOOD BUCK BY
OTHERS 1 1/2" MIN. EMBEDMENT INTO WOOD (SG=.55)
(SEE TYPICAL ANCHORS LAY-OUT)



OPTION 3
FRAME WITH MAXIMUM 1/4" SHIM SECURED W/
1/4" -14 HWH GR 5 SELF DRILLING SCREWS INTO MIN. 1/8"
A36 STEEL OR 1/8" 6063-T6 ALUMINUM
(SEE TYPICAL ANCHOR LAY-OUT)

TYPICAL ANCHORAGE LAY-OUT
(DIRECT INSTALLATIONS)
ALLOWABLE PRESSURE RATING: ±93 PSF



MANUFACTURER:

ROATAN
MAHOGANY
USA, INC

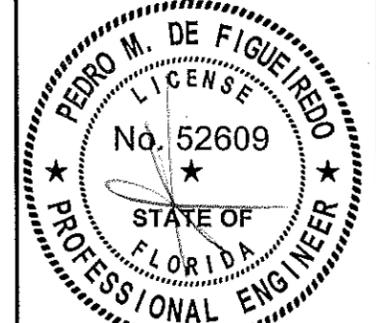
4004C AURORA STREET
CORAL GABLES, FL 33146
PHONE: (305) 774-5999
FAX: (305) 774-0083

PRODUCT:

ROATAN SWIETENIA
SERIES
SINGLE HUNG WINDOW
LARGE & SMALL
MISSILE IMPACT RATED

ENGINEERING:

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



OCT 22 2014
Engineer Seal
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

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Date Oct 30, 2014
NOA# 14-0828.02
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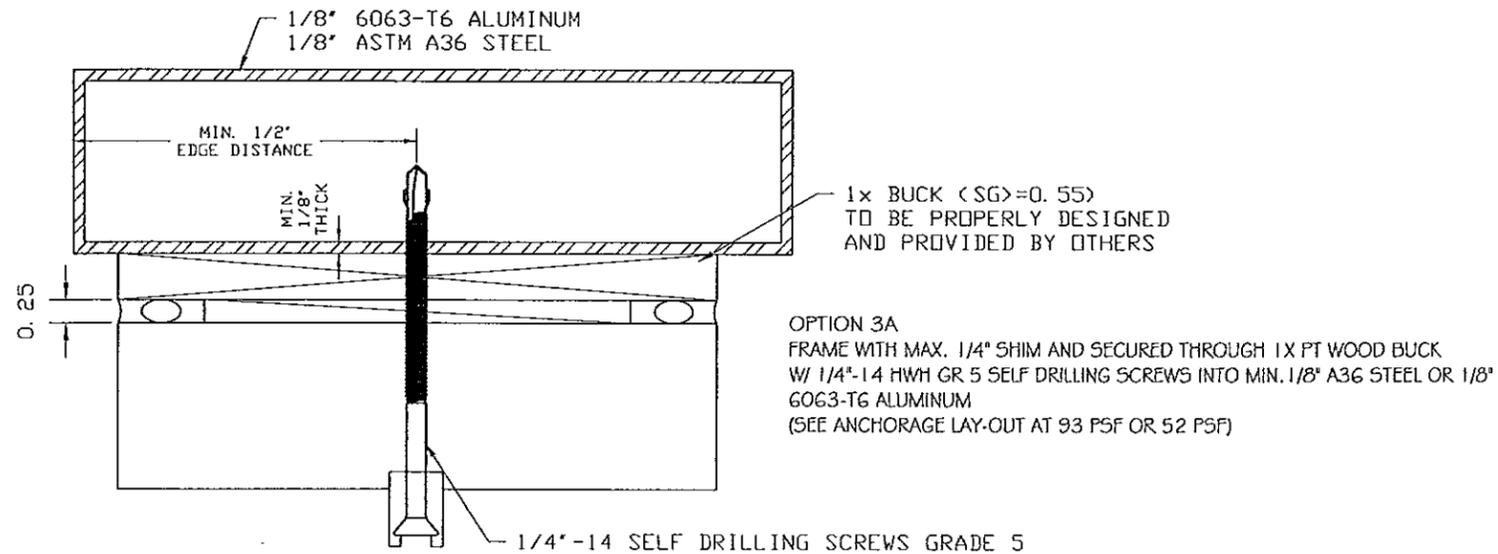
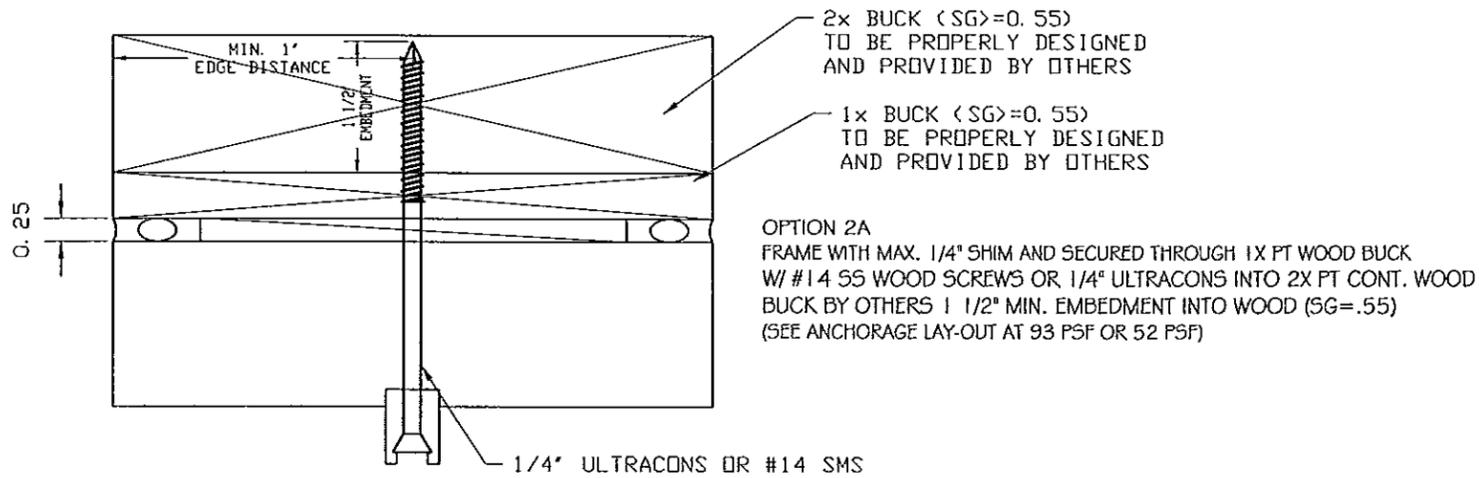
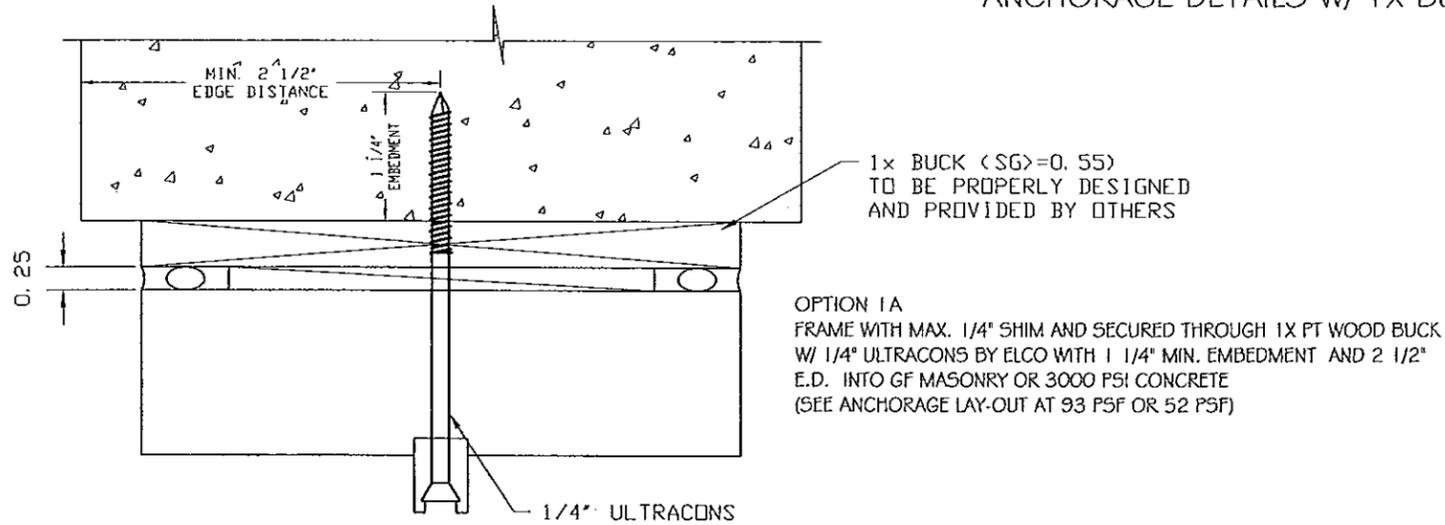
By: *Manuel J...*

DATE: 08/02/2014
SCALE: NA
DESIGN BY: PPMF

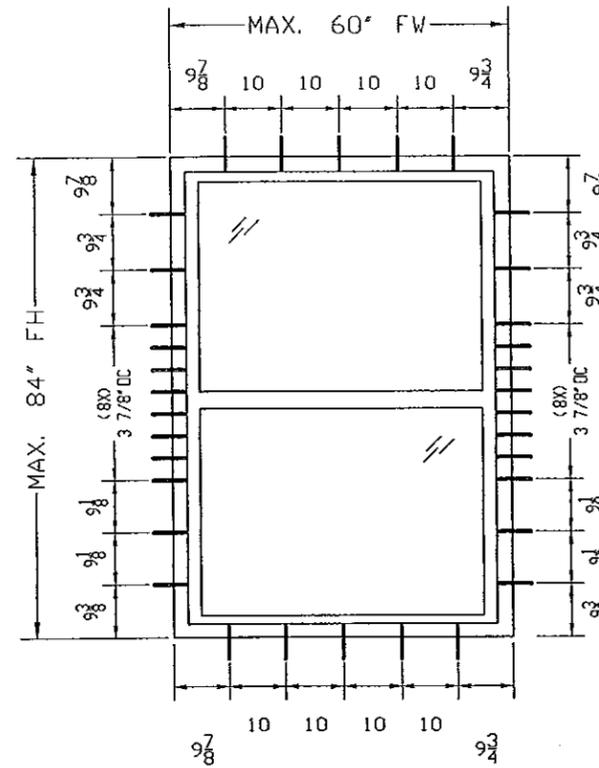
SHEET
4 OF 9

DRAWING #:
14-094

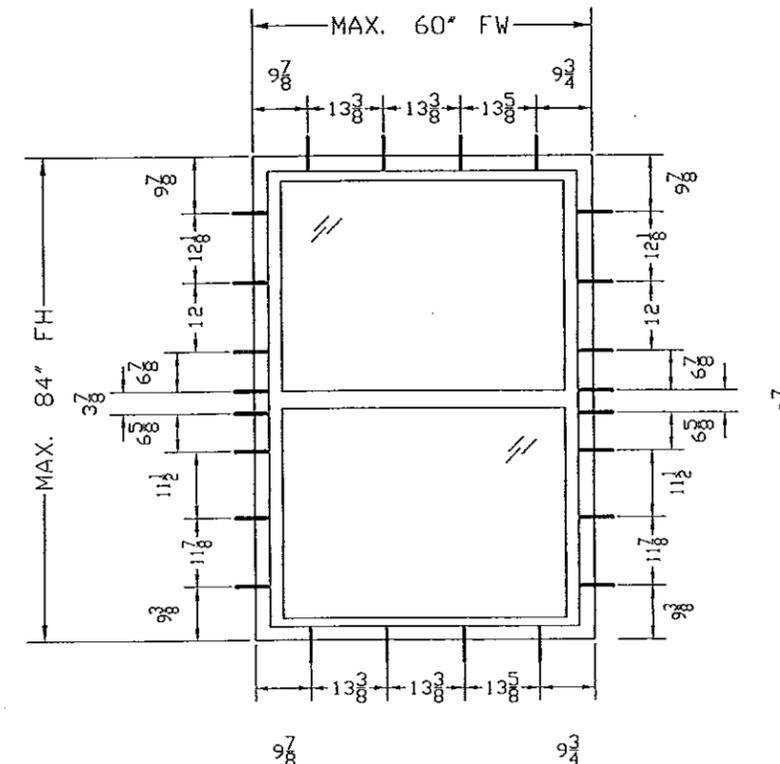
ANCHORAGE DETAILS W/ 1X BUCK



TYPICAL ANCHORAGE LAY-OUT
(FOR 1X BUCK INSTALLATIONS)
ALLOWABLE PRESSURE RATING: ±93 PSF



TYPICAL ANCHORAGE LAY-OUT
(1X BUCK INSTALLATIONS)
ALLOWABLE PRESSURE RATING: ±52 PSF



MANUFACTURER:

ROATAN MAHOGANY USA, INC

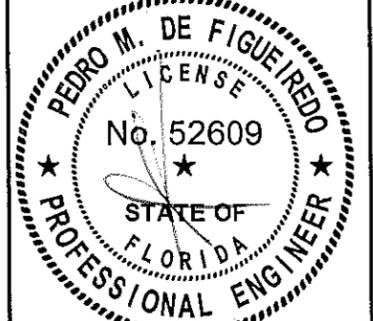
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LARGE & SMALL
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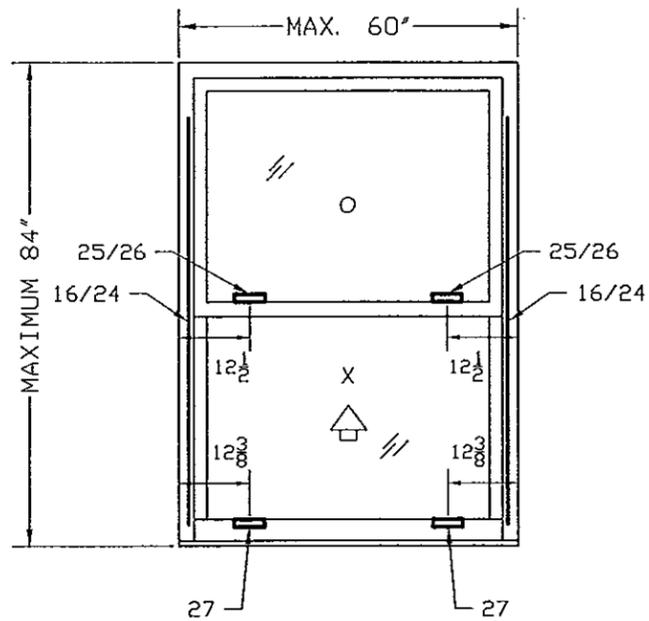
Approved as complying with the
Florida Building Code
Date Oct. 30, 2014
NOAH 14-0825-02
Miami Dade Product Control

By Manuel B...

DATE: 08/02/2014
SCALE: NA
DESIGN BY: PPMF

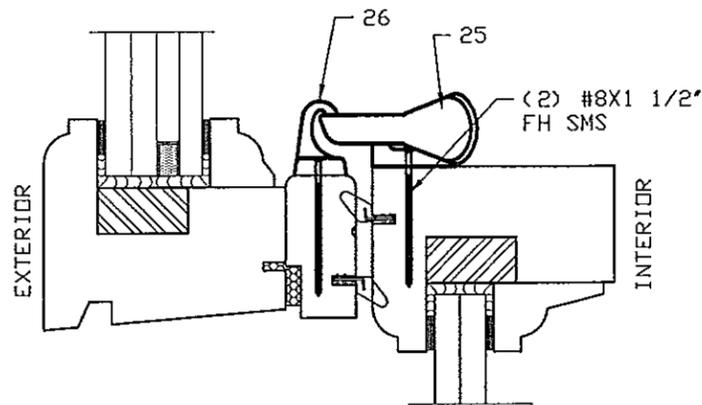
SHEET
5 OF 9

DRAWING #:
14-094

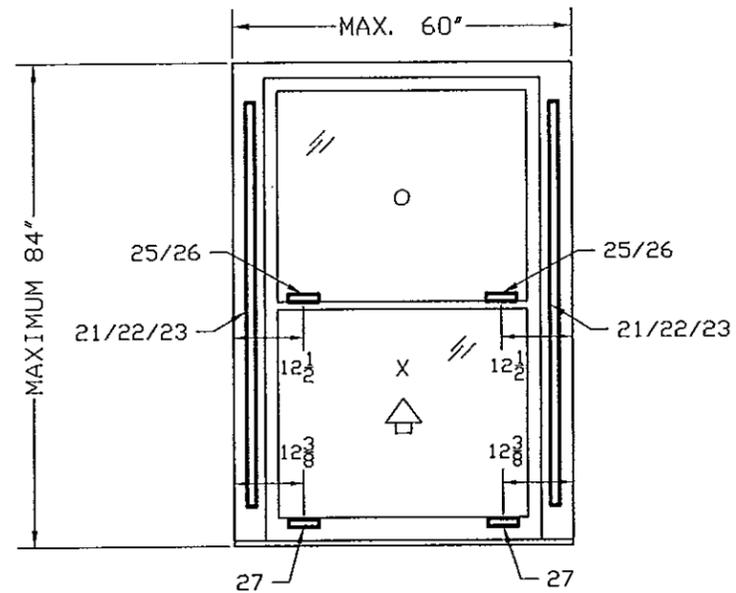


SINGLE HUNG WITH CONCEALED BALANCE SYSTEM

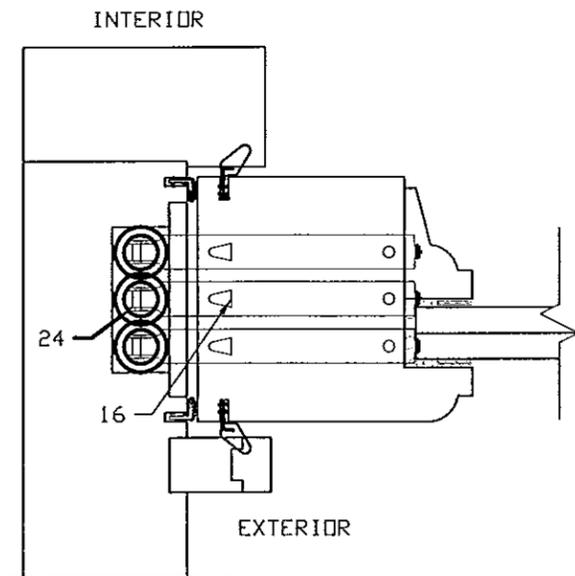
HARDWARE



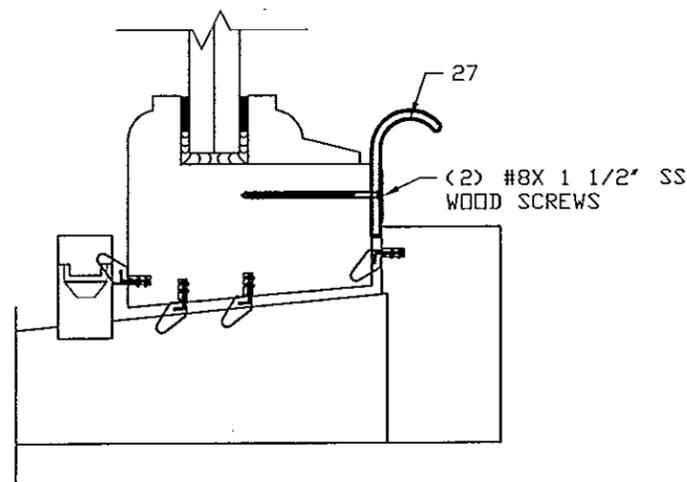
SURFACE MOUNT METALLIC CAM LOCK (25) AND KEEPER (26) (2) PER WINDOW



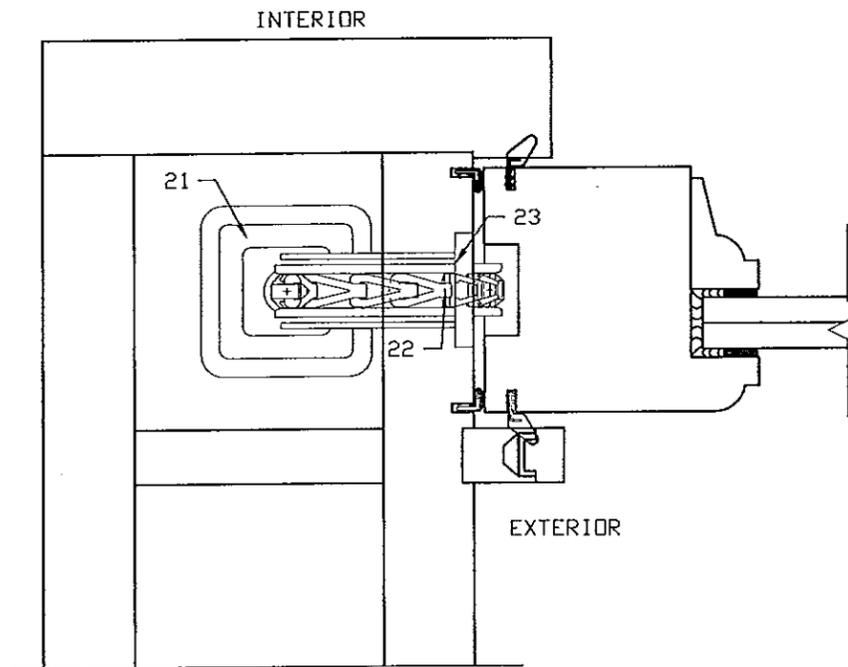
SINGLE HUNG WITH WEIGHT AND CHAIN SYSTEM



SPIRAL BALANCES WITH SHOE CLIPS ONE PER SIDE ATTACHED TO FRAME W (1) #8X2 FHSMS, SHOE CLIP TO VENT WITH (2) #6X1 1/2\"/>



SURFACE MOUNT METALLIC FINGER LIFTS (27 - (2) PER WINDOW



SOLID BRASS PULLEY & CHAIN BY BRONZE CRAFT OR ARCHITECTURAL RESOURCE CENTER ONE PER EACH SIDE ATTACHED WITH (2) #6X1 FH DRYWALL SCREWS

NOTE: TYPE OF WEIGHT FUNCTION OF WINDOW SIZES AND TO BE DETERMINED BY THE MANUFACTURER AS PER JOB BASIS

MANUFACTURER:

ROATAN MAHOGANY USA, INC

4004C AURORA STREET CORAL GABLES, FL 33146 PHONE: (305) 774-5999 FAX: (305) 774-0083

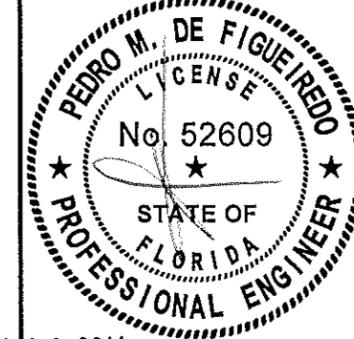
PRODUCT:

ROATAN SWIETENIA SERIES SINGLE HUNG WINDOW LARGE & SMALL MISSILE IMPACT RATED

ENGINEERING:

ENGCO INC. CA 8116

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



OCT 22 2014

Engineer Seal Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

Approved as complying with the Florida Building Code Date Oct 30 2014 NOA# 14-0828-02 Miami Dade Product Control

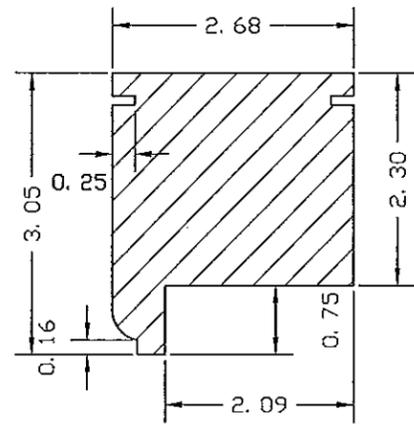
By Manuel Perez

DATE: 08/02/2014 SCALE: NA DESIGN BY: PPMF

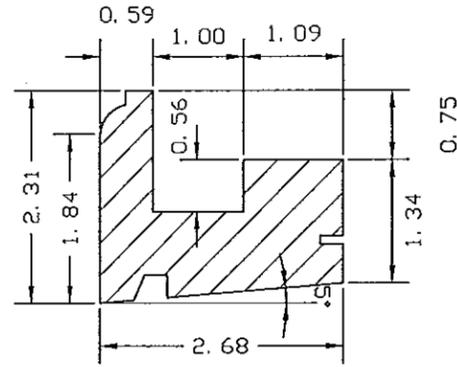
SHEET 6 OF 9

DRAWING #: 14-094

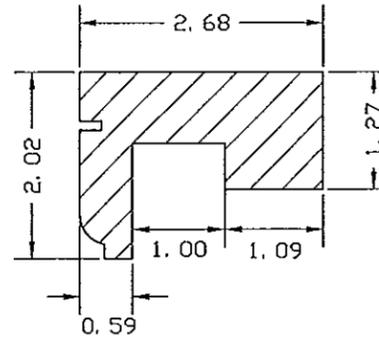
PRODUCT COMPONENTS



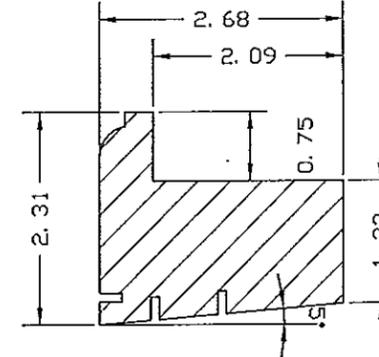
1- TOP RAIL INACTIVE SLAB



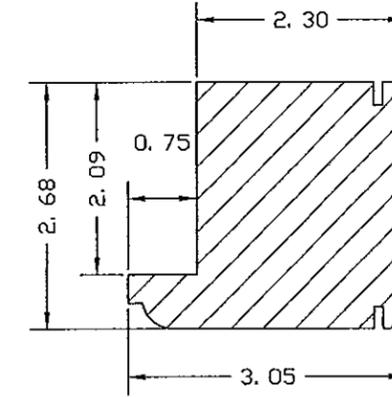
2- BOTTOM RAIL INACTIVE SLAB



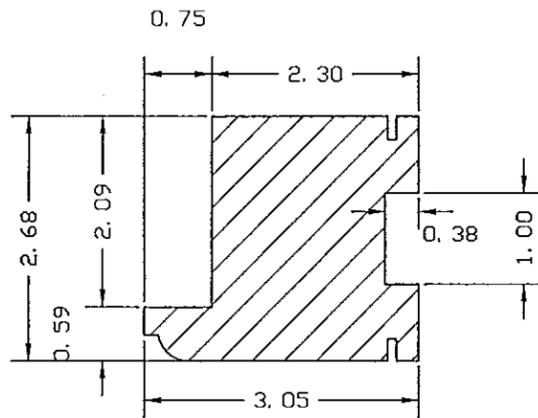
3- TOP RAIL ACTIVE SLAB



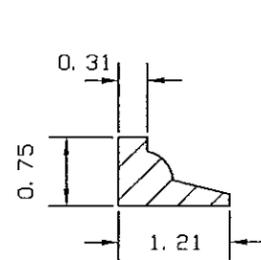
4- BOTTOM RAIL ACTIVE SLAB



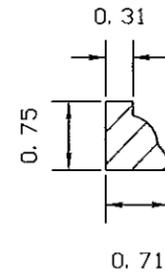
5- STILE FOR ACTIVE & INACTIVE SLABS
(CONCEALED BALANCES)



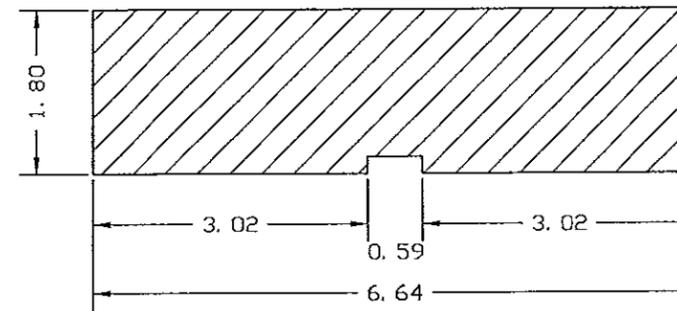
5B- STILE FOR ACTIVE SLABS
(CHAIN & WEIGHT)



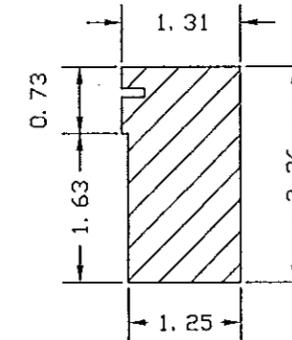
6- INTERIOR GLASS STOP
FOR USE WITH
GLASS OPTION A



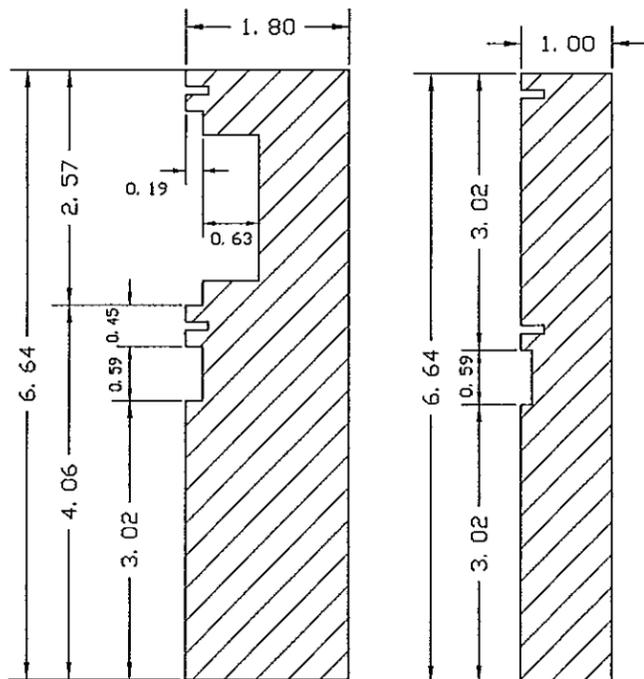
7- INTERIOR GLASS STOP
FOR USE WITH
GLASS OPTION B



8- HEADER JAMB

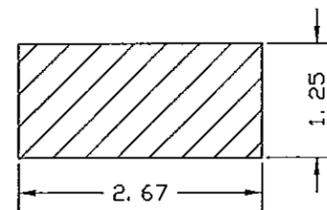


11- THRESHOLD CAP

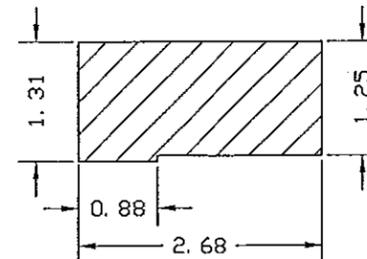


9- SIDE JAMB

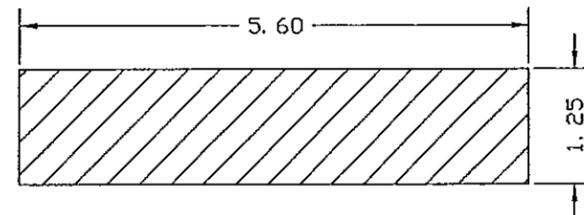
9B- SIDE JAMB
WEIGHT & CHAIN



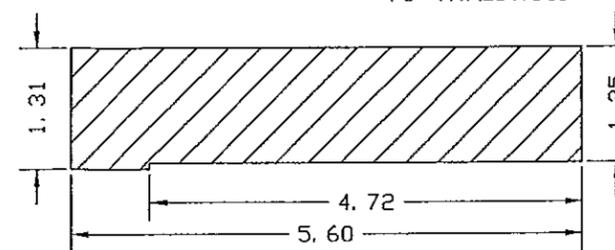
12- SIDE JAMB & HEADER CAP
EXTERIOR SIDE



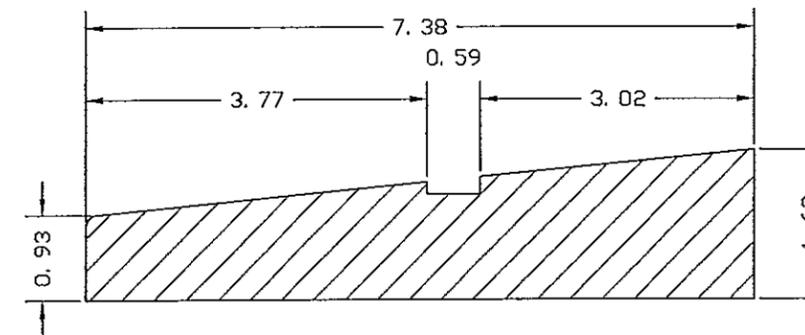
13- SIDE JAMB & HEADER CAP
INTERIOR SIDE



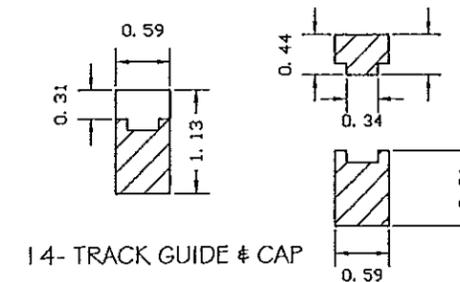
12B- SIDE JAMB CAP
EXTERIOR SIDE



13B- SIDE JAMB CAP
INTERIOR SIDE



10- THRESHOLD



14- TRACK GUIDE & CAP

MANUFACTURER:

ROATAN
MAHOGANY
USA, INC

4004C AURORA STREET
CORAL GABLES, FL 33146
PHONE: (305) 774-5999
FAX: (305) 774-0083

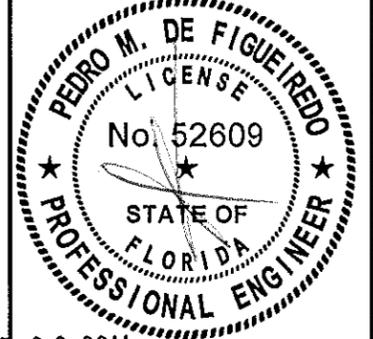
PRODUCT:

ROATAN SWIETENIA
SERIES
SINGLE HUNG WINDOW
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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Engineer Seal
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

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NOA# 14-0828-02
Miami Dade Product Control

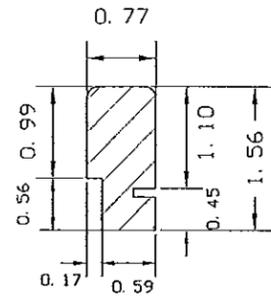
By Manuel Perez

DATE: 08/02/2014
SCALE: NA
DESIGN BY: PPMF

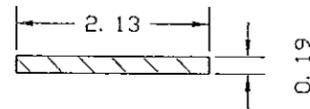
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DRAWING #:
14-094

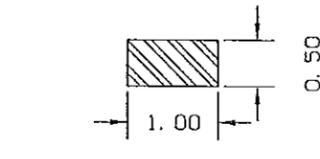
PRODUCT COMPONENTS



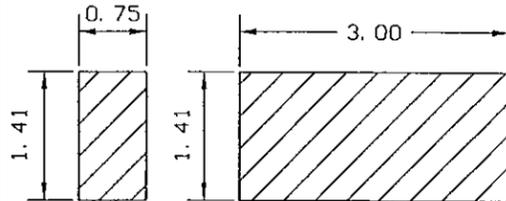
15- ASTRAGAL



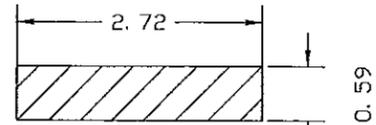
16- CONCEALED BALANCES CHAMBER CAP



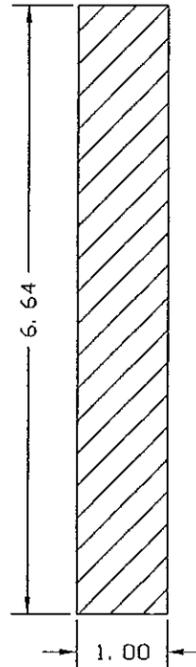
17- STEEL RAIL REINFORCEMENT
STEEL TO BE SEALED ON ALL CONTACT AREAS WITH WOOD



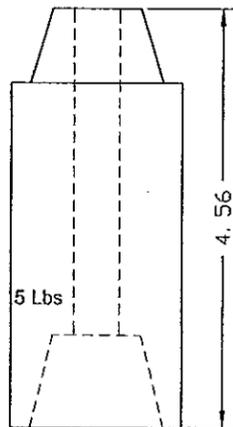
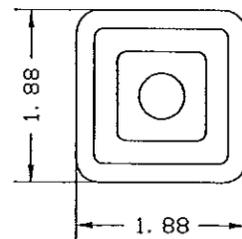
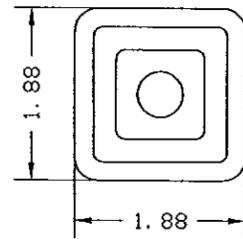
18- SASH STOP
(2) PER SYSTEM



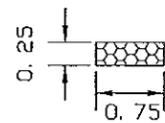
19- CHAMBER REINFORCEMENT



20- CHAMBER CAP



21- 3 LB AND 5 LBS LEAD WEIGHTS

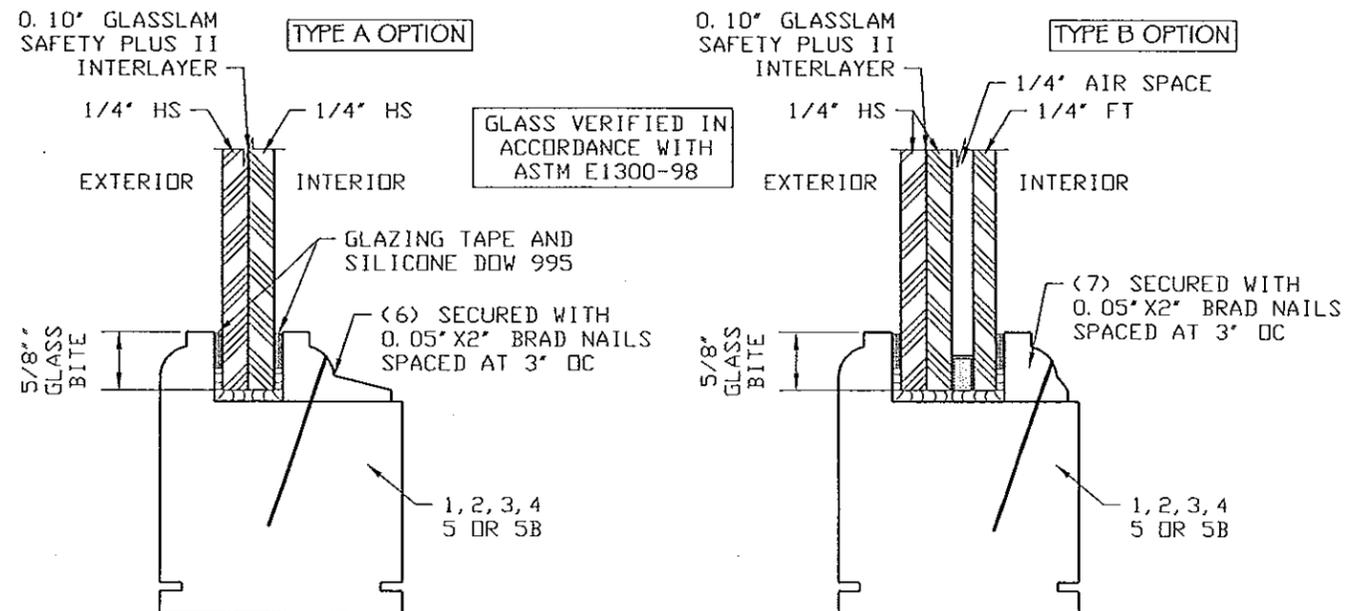


31- GLAZING TAPE

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL / MANUFACTURER / NOTES
1	TOP RAIL INACTIVE SLAB	MAHOGANY / CEDAR / ROATAN
2	BOTTOM RAIL INACTIVE SLAB	MAHOGANY / CEDAR / ROATAN
3	TOP RAIL ACTIVE SLAB	MAHOGANY / CEDAR / ROATAN
4	BOTTOM RAIL ACTIVE SLAB	MAHOGANY / CEDAR / ROATAN
5	STILE SLABS (CONC. BALANCE)	MAHOGANY / CEDAR / ROATAN
5B	STILE ACTIVE SLAB (CHAIN & WEIGHT)	MAHOGANY / CEDAR / ROATAN
6	INT. GLASS STOP FOR USE W/ GLASS OPT. A	MAHOGANY / CEDAR / ROATAN
7	INT. GLASS STOP FOR USE W/ GLASS OPT. B	MAHOGANY / CEDAR / ROATAN
8	HEADER JAMB	MAHOGANY / CEDAR / ROATAN
9	SIDE JAMB (CONC. BALANCE)	MAHOGANY / CEDAR / ROATAN
9B	SIDE JAMB (CHAIN & WEIGHT)	MAHOGANY / CEDAR / ROATAN
10	THRESHOLD	MAHOGANY / CEDAR / ROATAN
11	THRESHOLD CAP	MAHOGANY / CEDAR / ROATAN
12	JAMB CAP SIDE & HEADER	MAHOGANY / CEDAR / ROATAN
12B	JAMB CAP EXTERIOR SIDE (WEIGHT & CHAIN)	MAHOGANY / CEDAR / ROATAN
13	JAMB CAP SIDE & HEADER INTERIOR SIDE (CONC. BAL.)	MAHOGANY / CEDAR / ROATAN
14	TRACK GUIDE CAP	MAHOGANY / CEDAR / ROATAN
15	ASTRAGAL	MAHOGANY / CEDAR / ROATAN
16	CONCEALED BALANCES CHAMBER CAP	MAHOGANY / CEDAR / ROATAN
17	1"x1/2" BAR REINFORCEMENT	STEEL / OTHERS
18	SASH STOP	MAHOGANY / CEDAR / ROATAN
19	CHAMBER REINFORCEMENT	SCHLEGEL
20	CHAMBER CAP	SCHLEGEL
21	LEAD WEIGHTS	LEAD / ARC
22	SOLID CHAIN #45	STEEL / ARC
23	SASH PULLEY	BRONZE / ARC OR BRONZE CRAFT
24	SPIRAL CONCEALED BALANCE	STRYBUC, AMESBURY, SWISCO
25	SWEEP LOCK	BRONZE / ARC OR BRONZE CRAFT
26	HEAVY DUTY KEEPER	BRONZE / ARC OR BRONZE CRAFT
27	FINGER LIFT	BRONZE / ARC OR BRONZE CRAFT
28	SPIRAL CONCEALED BALANCE CLIP	STRYBUC
29	COMPRESSURE SEALER QEZD 100 BRONZE	POLYTHYLENE / SCHLEGEL
30	COMPRESSURE SEALER QEZD 320 BRONZE	POLYTHYLENE / SCHLEGEL
31	GLAZING TAPE	POLYTHYLENE / SCHLEGEL

TYPICAL GLAZING OPTIONS



MANUFACTURER:

ROATAN MAHOGANY USA, INC

4004C AURORA STREET
CORAL GABLES, FL 33146
PHONE: (305) 774-5999
FAX: (305) 774-0083

PRODUCT:

ROATAN SWIETENIA SERIES
SINGLE HUNG WINDOW
LARGE & SMALL
MISSILE IMPACT RATED

ENGINEERING:

ENGCO INC. CA 8116
5595 ORANGE DR. 201
DAVIE, FL. 33314
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OCT 29 2014
Engineer Seal
Pedro De Figueiredo - PE 52609

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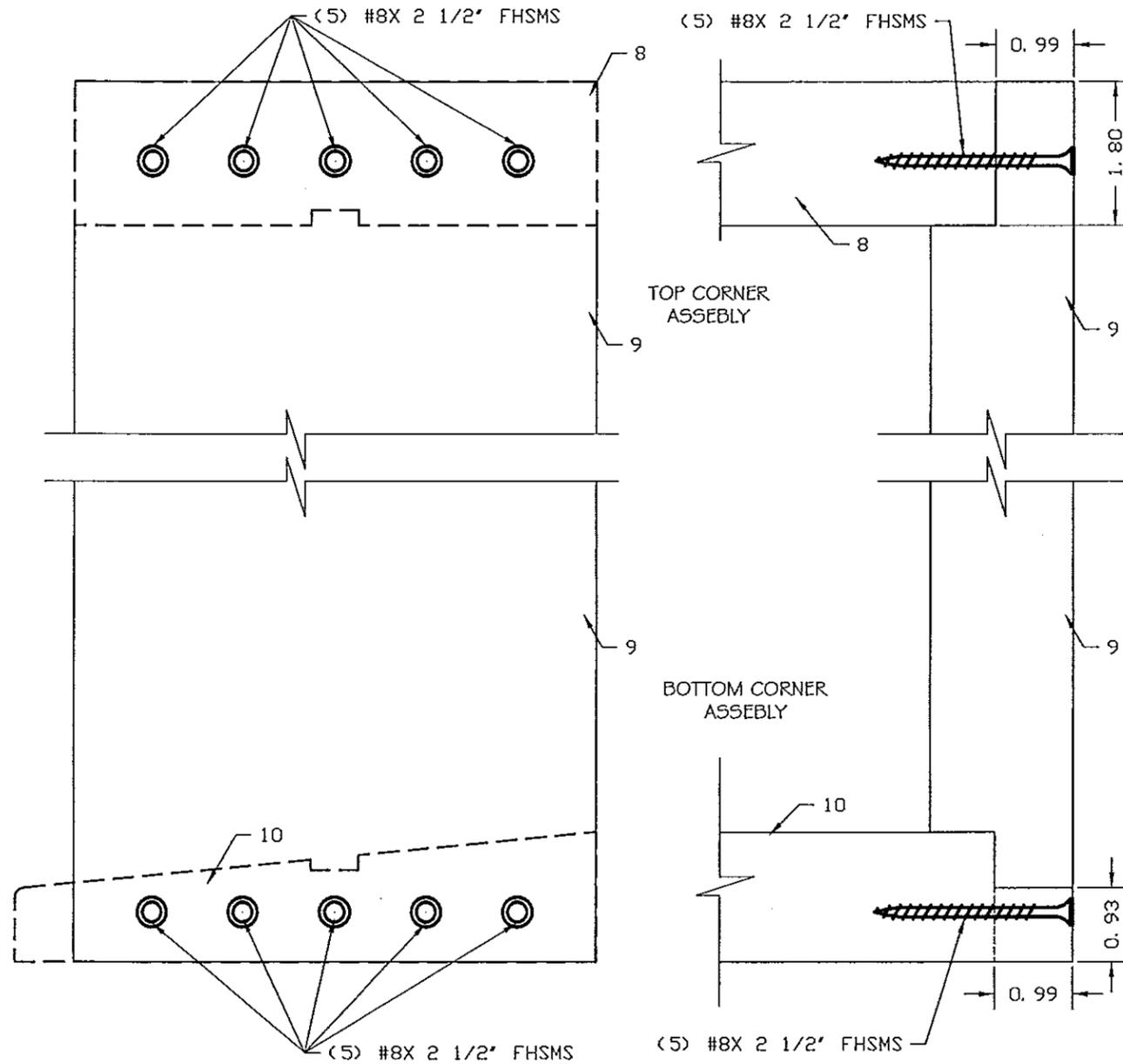
By: *Manuel Perez*

DATE: 08/02/2014
SCALE: NA
DESIGN BY: PPMF

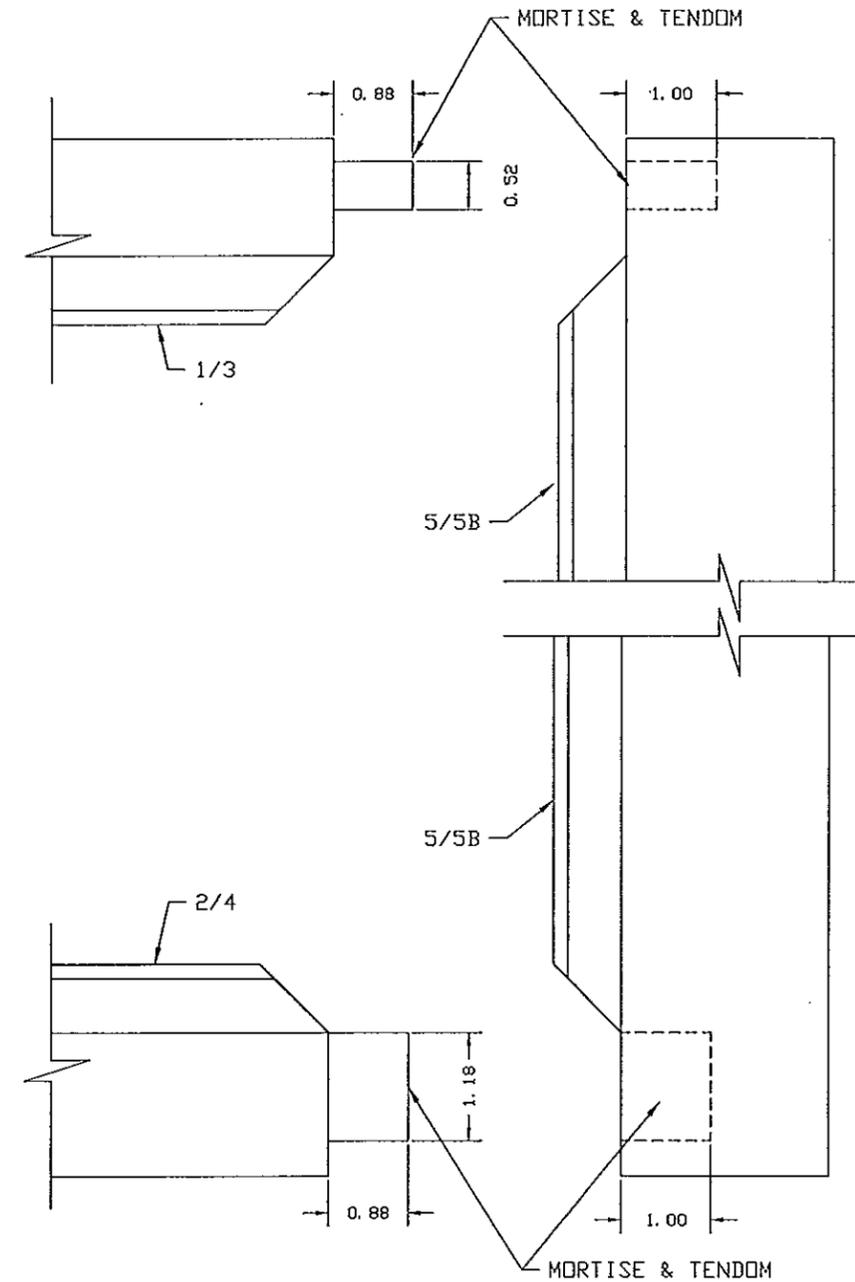
SHEET
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DRAWING #:
14-094

FRAME ASSEMBLY



SASH ASSEMBLY



MANUFACTURER:

ROATAN
MAHOGANY
USA, INC

4004C AURORA STREET
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