

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE) 3/16 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
7. FOR INSTALLATION THROUGH STEEL STUD USE #10 SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND STEEL STRUCTURE.
8. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
9. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 10.FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- 11.INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- 12.INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, 2000 PSI MIN. COMPRESSIVE STRENGTH.

D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 49 MILS. (18 GAUGE)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

• TAS 201-94

• TAS 202-94

• TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: MAHOGANY
7. THE MINIMUM SPECIFIC GRAVITY OF TRUE MAHOGANY SHALL BE SG=0.42 OR THE SPECIFIC GRAVITY OF ANY NATURALLY DURABLE WOOD SG>0.42.
8. ALL WOOD PRODUCTS SHALL NOT BE IN DIRECT CONTACT WITH THE SUBSTRATES, I.E. CONCRETE, MASONRY, REINFORCED CMU, ETC., USING "WOLMAN EHT" WATER REPELLANT PRESERVATIVE AS MANUFACTURED BY ZINSSER CO. INC OR EQUIVALENT COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE.
9. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAIL.

CAOBA DOORS

MAHOGANY NARROW FRAME

DOUBLE HUNG WINDOW

TABLE OF CONTENTS		
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1	A	INSTALLATION & GENERAL NOTES
2	-	ELEVATION & ANCHOR LAYOUT
3	-	VERTICAL SECTIONS
4	-	HORIZONTAL SECTIONS & GLAZING DETAIL
5	-	COMPONENTS
6	-	COMPONENTS & BILL OF MATERIAL

DESIGN PRESSURE RATING		
GLAZE TYPE	DESIGN PRESSURE - ALL SIZES	MISSILE IMPACT RATING
1	+70/-70 PSF	SMALL AND LARGE MISSILE IMPACT RATED



4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

PH: (215) 525-5048 FX: (215) 747-8908

TITLE:

MAHOGANY NARROW FRAME
DOUBLE HUNG WINDOW

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

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Reason: I am approving this document
Date: 2017.12.18 9:03:04 -05'00'

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL16750

DATE: 10.25.17

DWG. BY:
RV

CHK. BY:
HFN

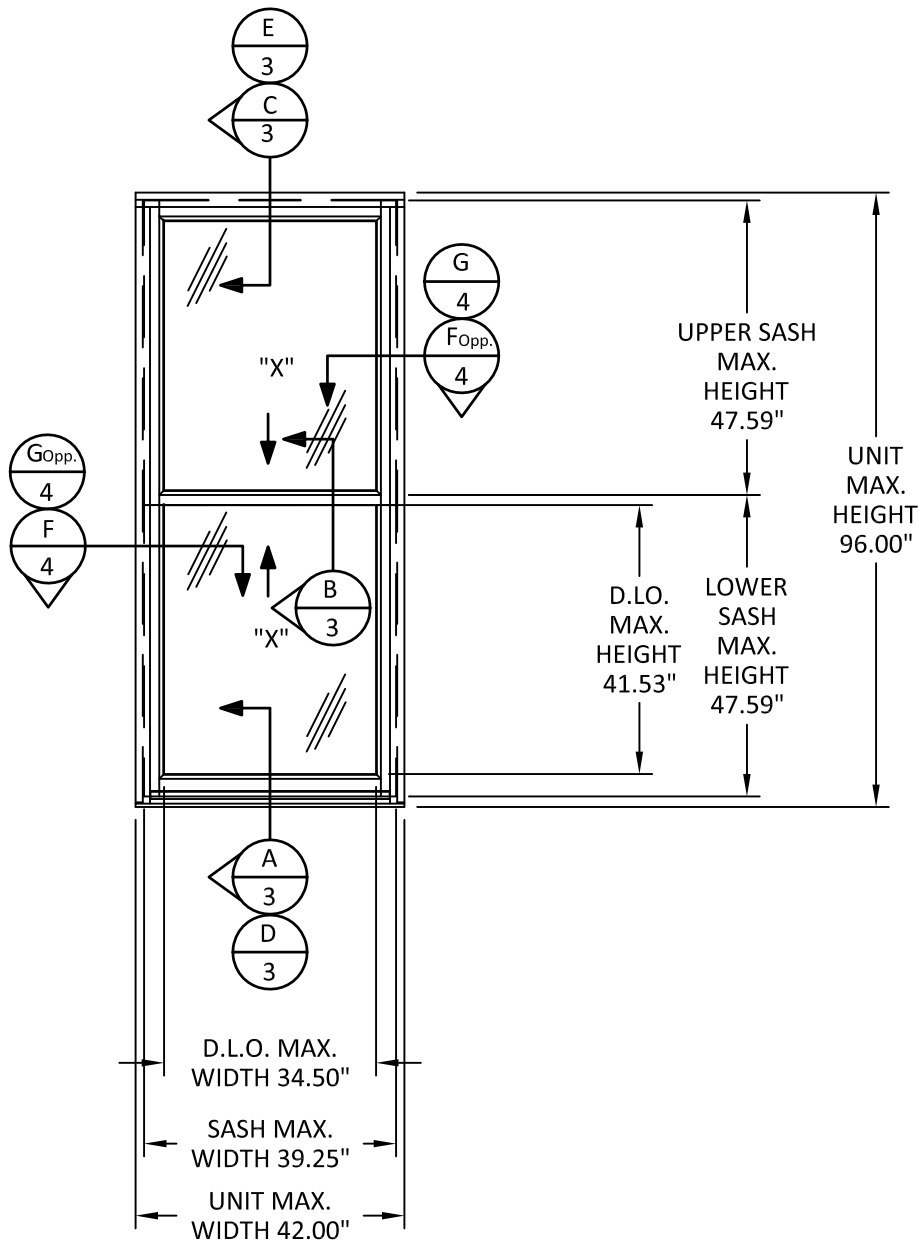
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DWG. #: CAB019

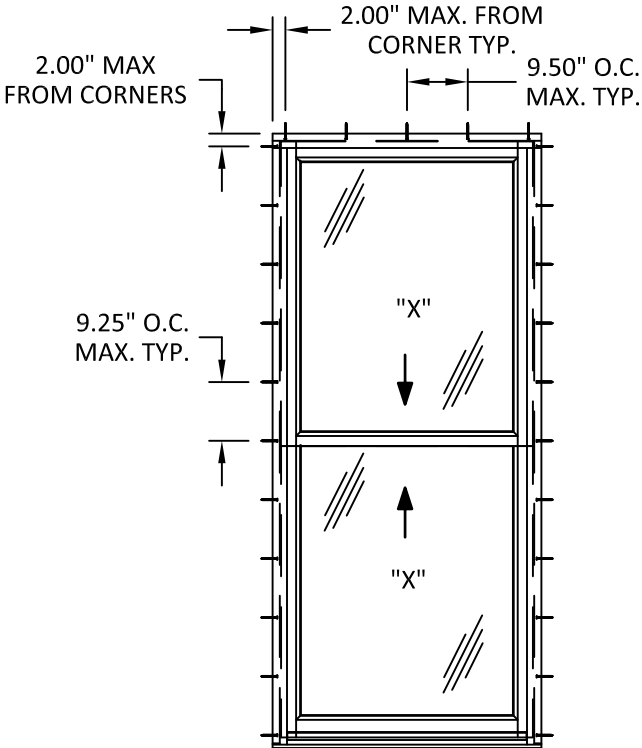
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ELEVATION



ANCHOR LAYOUT



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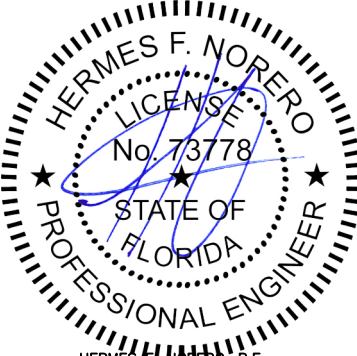
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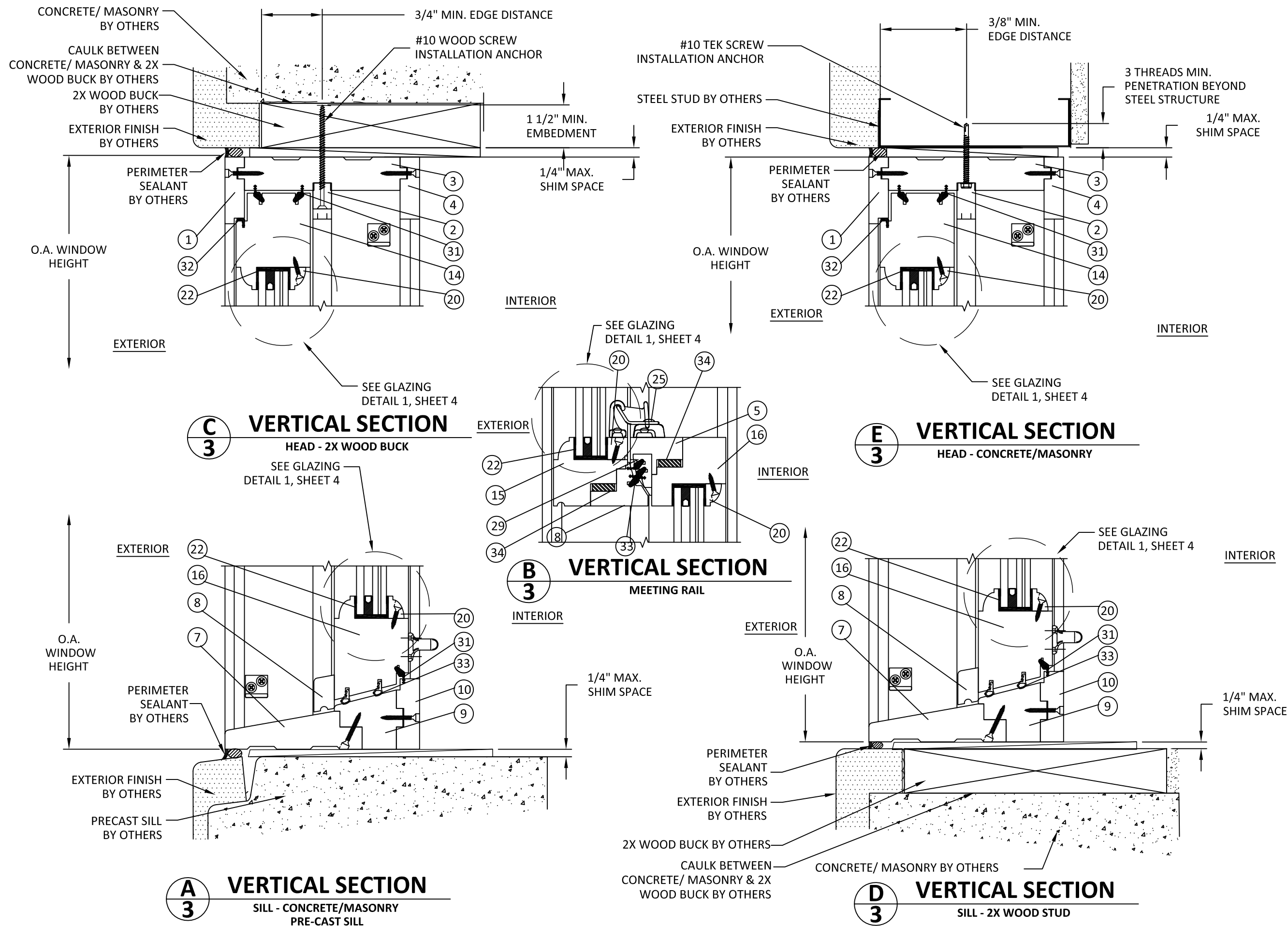
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DWG. #: **CAB019**

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OF 6

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PHILADELPHIA, PA 19143
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TITLE:
MAHOAGANY NARROW FRAME
DOUBLE HUNG WINDOW

VERTICAL SECTIONS

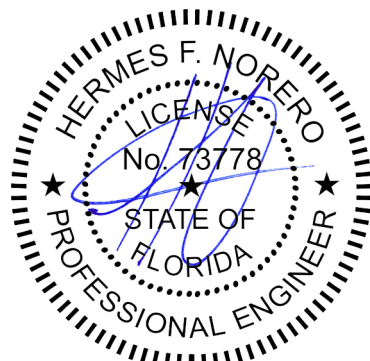
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DANIA BEACH, FL 33004
PH: (954) 399-8478
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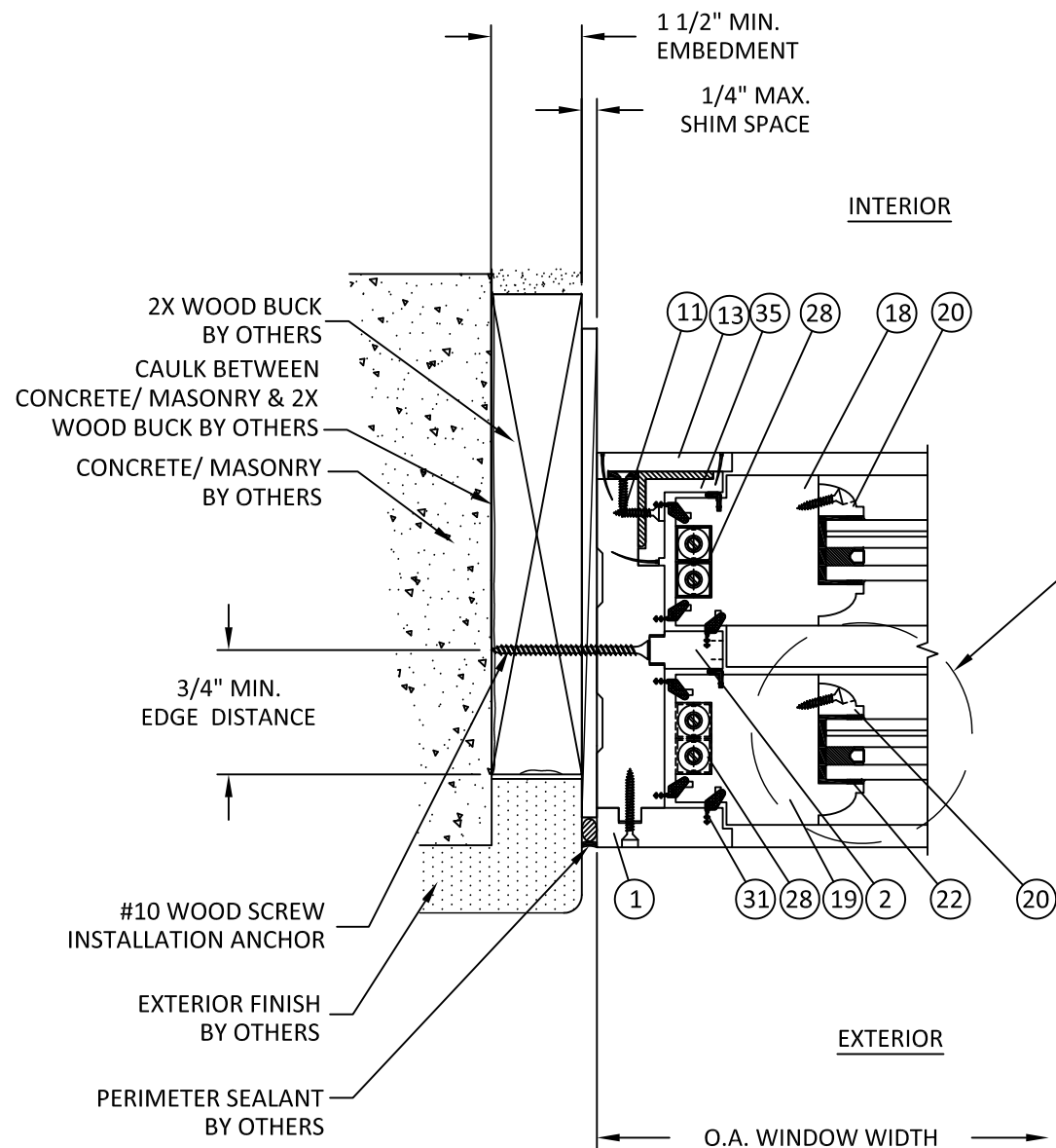
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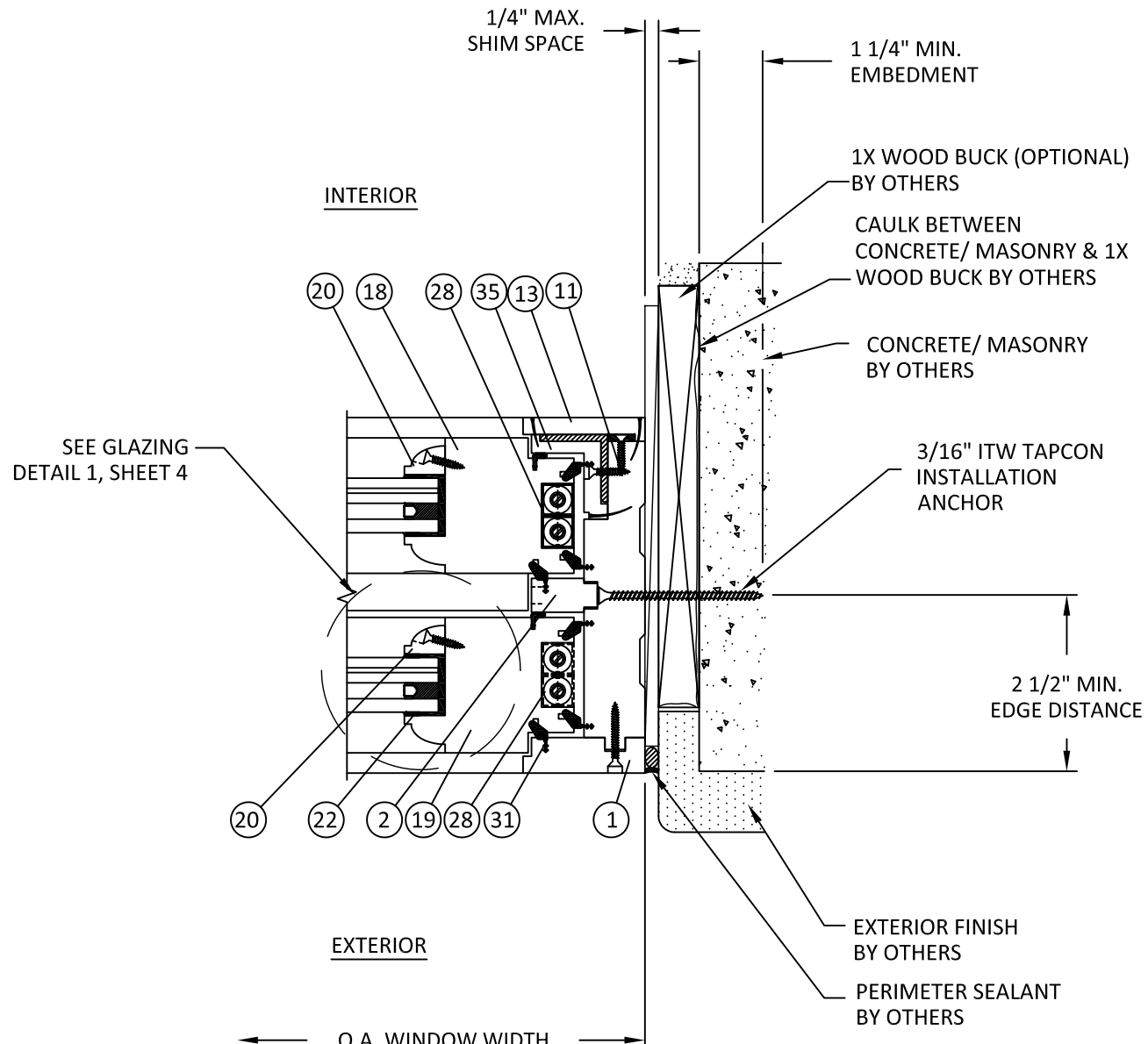
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4

HORIZONTAL SECTION

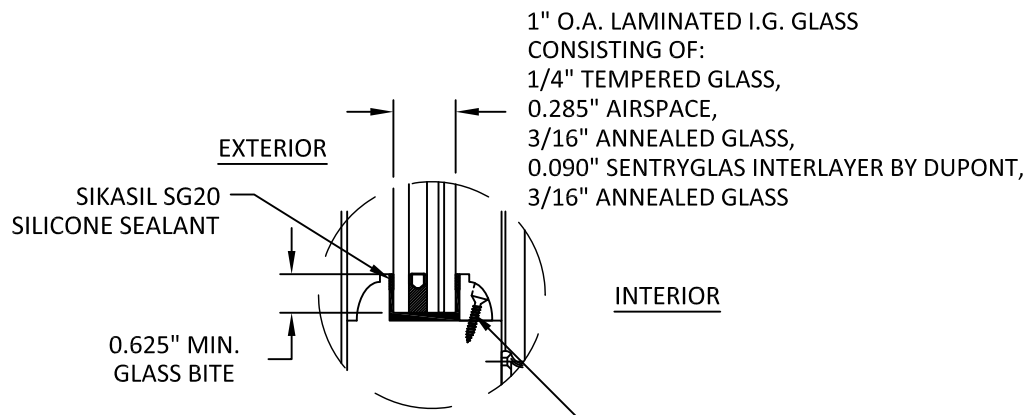
JAMB - 2X WOOD BUCK



G
4

HORIZONTAL SECTION

JAMB - CONCRETE/MASONRY



GLAZING DETAIL 1

#6 PHILLIPS FH CS WOOD SCREWS
SPACED 2" FROM CORNERS AND
9.5" O.C. THEREAFTER

NOTE:
GLASS THICKNESS AND TYPE SHALL
COMPLY WITH ASTM E 1300 GLASS
CHART REQUIREMENTS

- NOTE:
1. GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 3. SETING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

caoba
DOORS

4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

PH: (215) 525-5048 FX: (215) 747-8908

TITLE:
MAHOGANY NARROW FRAME
DOUBLE HUNG WINDOW

HORIZONTAL SECTIONS & GLAZING DETAIL

PREPARED BY:

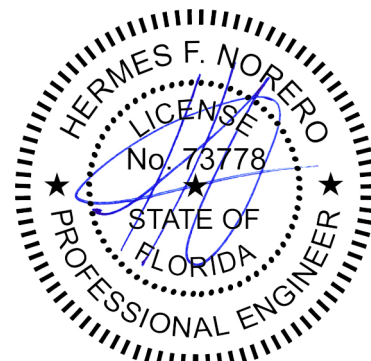
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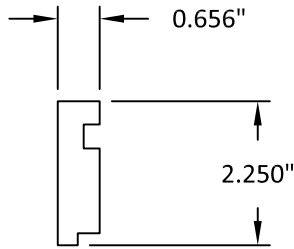
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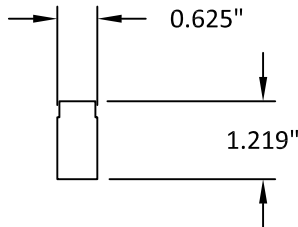
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1 EXT. SASH STOP WOOD



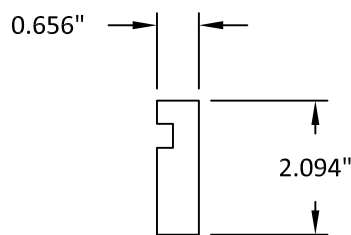
2 PARTING BEAD WOOD



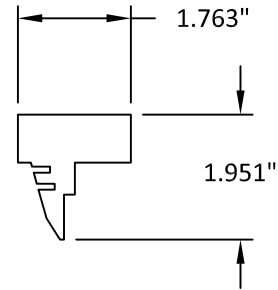
3 HEAD JAMB WOOD



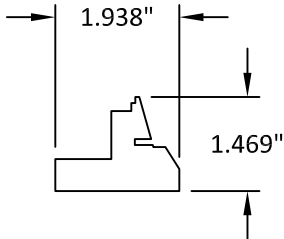
4 HEAD INT. SASH STOP WOOD



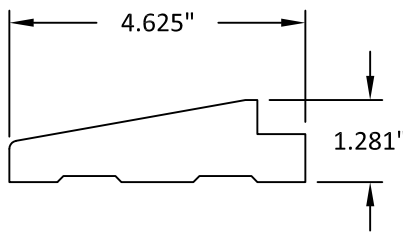
5 INTERLOCK BOTTOM SASH WOOD



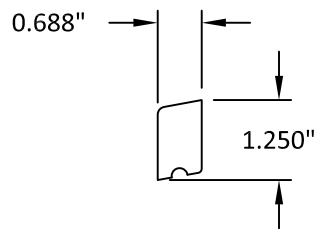
6 INTERLOCK TOP SASH WOOD



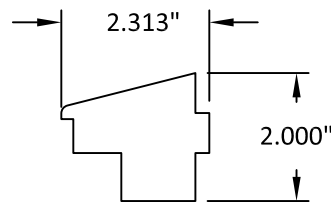
7 SILL EXTENSION WOOD



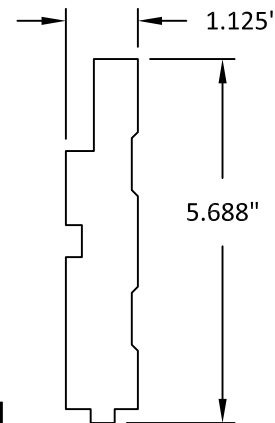
8 WOOD DRIP WOOD



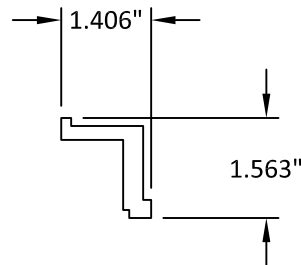
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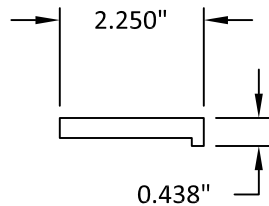
11 JAMB LEG WOOD



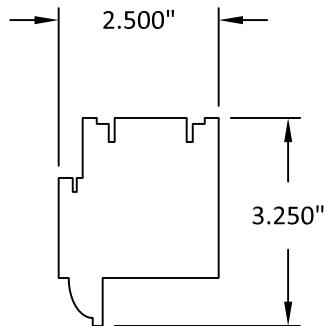
12 REINF. LEG COVER WOOD



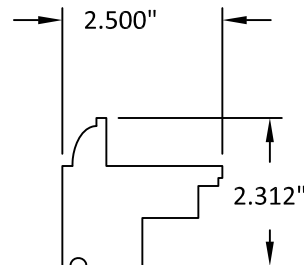
13 INT. LEG SASH STOP WOOD



14 TOP RAIL UPPER SASH WOOD



15 BOTTOM RAIL UPPER SASH WOOD



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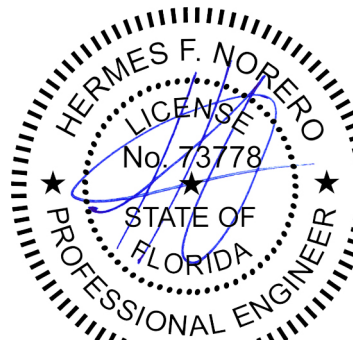
TITLE:
MAHOGANY NARROW FRAME
DOUBLE HUNG WINDOW
COMPONENTS

PREPARED BY:
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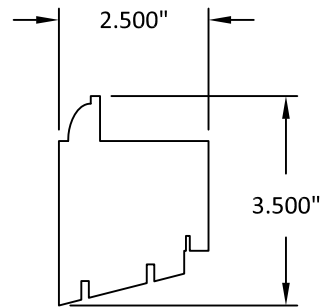
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BILL OF MATERIALS				
ITEM NO.	DESCRIPTION	PART NUMBER	MATERIAL	MANUFACTURER
1	EXT. SASH STOP		MAHOGANY	CAOBA DOORS
2	PARTING BEAD		MAHOGANY	CAOBA DOORS
3	HEAD JAMB		MAHOGANY	CAOBA DOORS
4	HEAD INT. SASH STOP		MAHOGANY	CAOBA DOORS
5	INTERLOCK BOTTOM SASH		MAHOGANY	CAOBA DOORS
6	INTERLOCK TOP SASH		MAHOGANY	CAOBA DOORS
7	SILL EXTENSION		MAHOGANY	CAOBA DOORS
8	WOOD DRIP		MAHOGANY	CAOBA DOORS
9	SILL		MAHOGANY	CAOBA DOORS
10	INFERIOR INT. SASH STOP		MAHOGANY	CAOBA DOORS
11	JAMB LEG		MAHOGANY	CAOBA DOORS
12	REINF. LEG COVER		MAHOGANY	CAOBA DOORS
13	INT. LEG SASH STOP		MAHOGANY	CAOBA DOORS
14	TOP RAIL UPPER SASH		MAHOGANY	CAOBA DOORS
15	BOTTOM RAIL UPPER SASH		MAHOGANY	CAOBA DOORS
16	BOTTOM RAIL LOWER SASH		MAHOGANY	CAOBA DOORS
17	TOP RAIL LOWER SASH		MAHOGANY	CAOBA DOORS
18	STILE LOWER SASH		MAHOGANY	CAOBA DOORS
19	STILE UPPER SASH		MAHOGANY	CAOBA DOORS
20	MOULDINGS		MAHOGANY	CAOBA DOORS
21	NOT USED			
22	SG-20 SILICON SEALANT			SIKAFLEX
23	SEALANT	FS-555		FRANKLIN
24	1/16" X 1/4" GLAZING TAPE	AWT3		ARLON
25	SASH LOCK	LKF14	BRASS	PHELPS
26	SASH LIFT	LFD30	BRASS	PHELPS
27	SASH LIMITER		ALUMINUM	CAOBA DOORS
28	CONCEALED BALANCES			STRYBUC
29	MOULDING SCREWS		STEEL	SPAX
30	FRAME SCREWS		STEEL	SPAX
31	WEATHER STRIPPING	QEZD-320	FOAM	SCHLEGEL
32	WEATHER STRIPPING	QEZD-100	FOAM	SCHLEGEL
33	SASH BOTTOM SEAL	HH0134-02	RUBBER	SIEGENIA
34	INTERLOCK REINF.		STEEL	METALS DEPOT
35	INT. SASH STOP REINF.		STEEL	METALS DEPOT

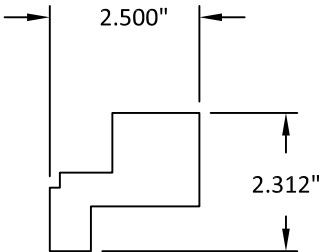
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BOTTOM RAIL LOWER SASH
WOOD



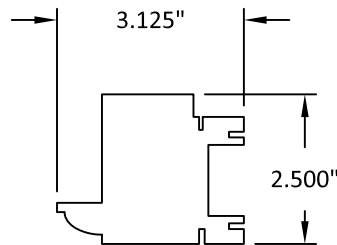
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TOP RAIL LOWER SASH
WOOD



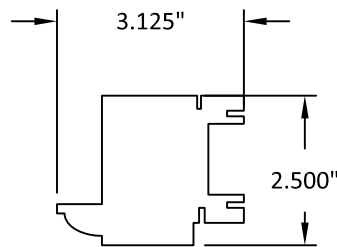
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STILE LOWER SASH
WOOD



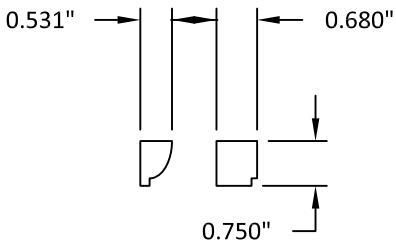
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STILE UPPER SASH
WOOD



20

MOULDINGS
WOOD





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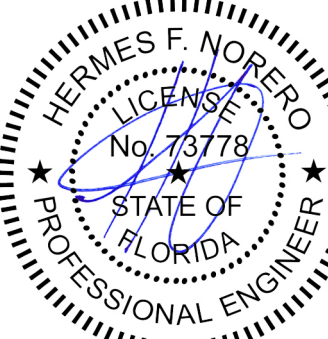
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