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CAOBA DOORS

MAHOGANY DOUBLE HUNG WINDOW

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 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.
- 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.
- FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- 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.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, 2000 PSI MIN. COMPRESSIVE STRENGTH.
 - GROUT-FILLED CMU UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

GENERAL NOTES:

- 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
- 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.
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: MAHOGANY
- THE MINIMUM SPECIFIC GRAVITY OF TRUE MAHOGANY SHALL BE G=0.45 OR THE SPECIFIC GRAVITY OF ANY NATURALLY DURABLE WOOD G>0.45 AND WITH THE MINIMUM GRADE 2 AS DEFINED BY THE CURRENT FLORIDA BUILDING CODE.
- ALL WOOD PRODUCTS SHALL NOT BE IN DIRECT CONTACT WITH THE SUBSTRATES, I.E. CONCRETE, MANSONRY, REINFORCED CMU, ETC., USING "WOLMAN EHT" WATER REPELLANT PRESERVATIVE AS MANUFACTURED BY ZINSSER CO. INC OR EQUIVALENT COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAIL.

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4	A	HORIZONTAL SECTIONS & GLAZING DETAIL
5	A	COMPONENTS
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DESIGN PRESSURE RATING		
SIZE	DESIGN PRESSURE - ALL SIZES	MISSILE IMPACT RATING
54" X 84"	+100/-100 PSF	SMALL AND LARGE MISSILE IMPACT RATED



4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

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

TITLE: MAHOGANY DOUBLE HUNG WINDOW (HVHZ) (IMPACT)

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

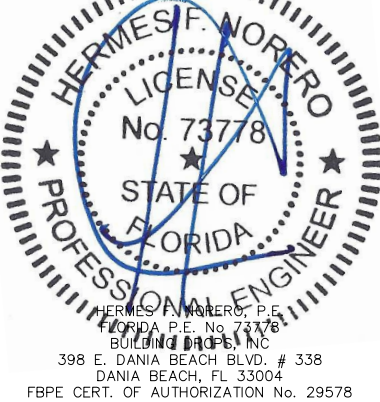
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REMARKS	BY	DATE

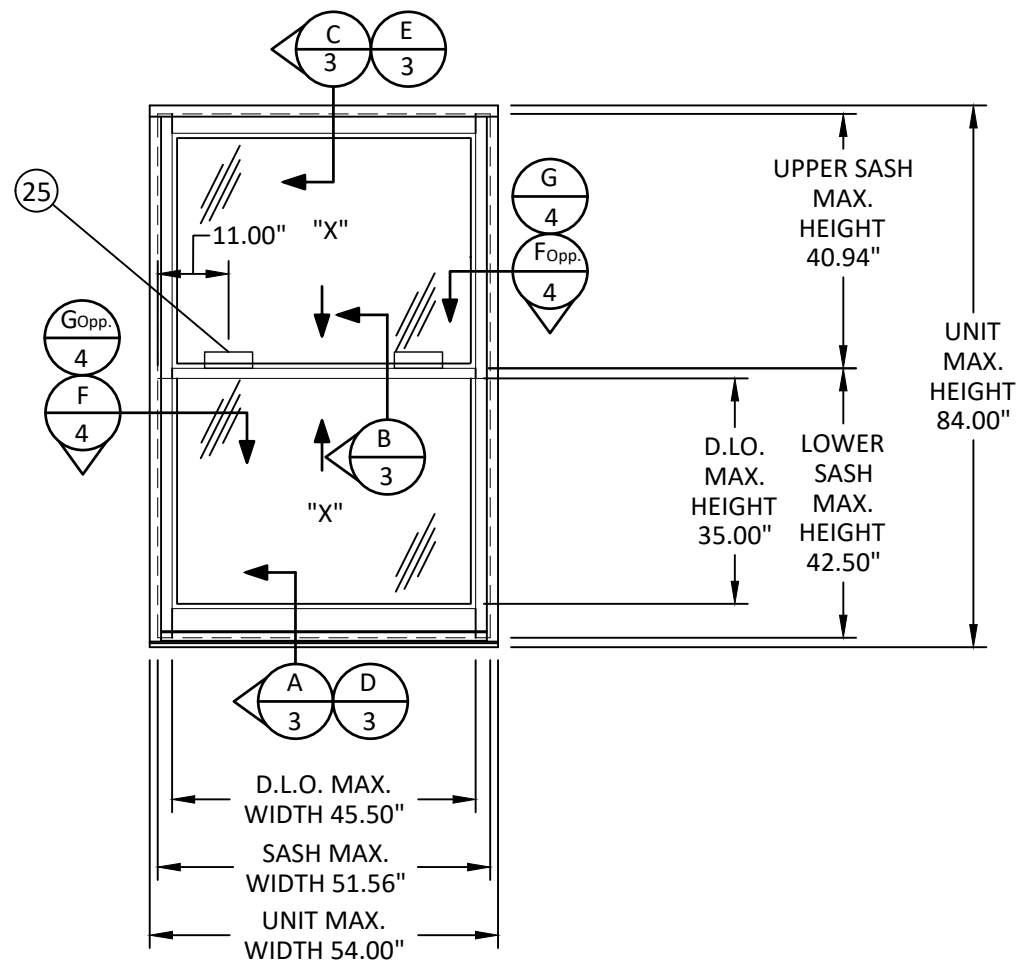
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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2020.12.21 11:58:00 -05'00'

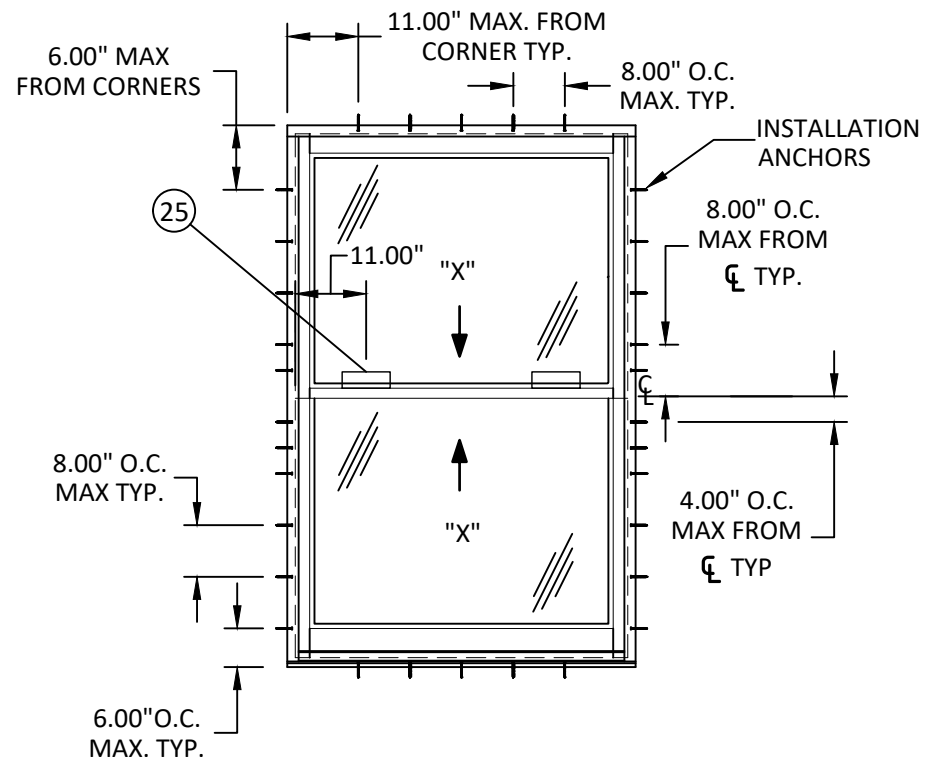


FL #:	FL14295
DATE:	11.05.20
DWG. BY:	ER
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	CAB003
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ELEVATION



ANCHOR LAYOUT



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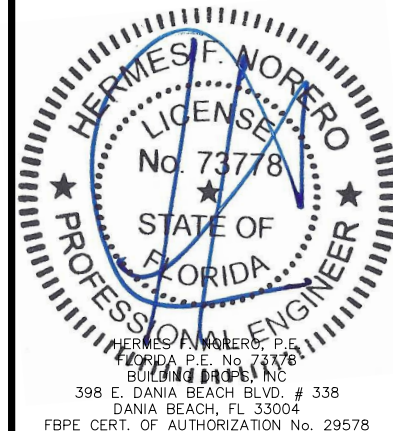
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(HVHZ) (IMPACT)
ELEVATION & ANCHOR LAYOUT

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
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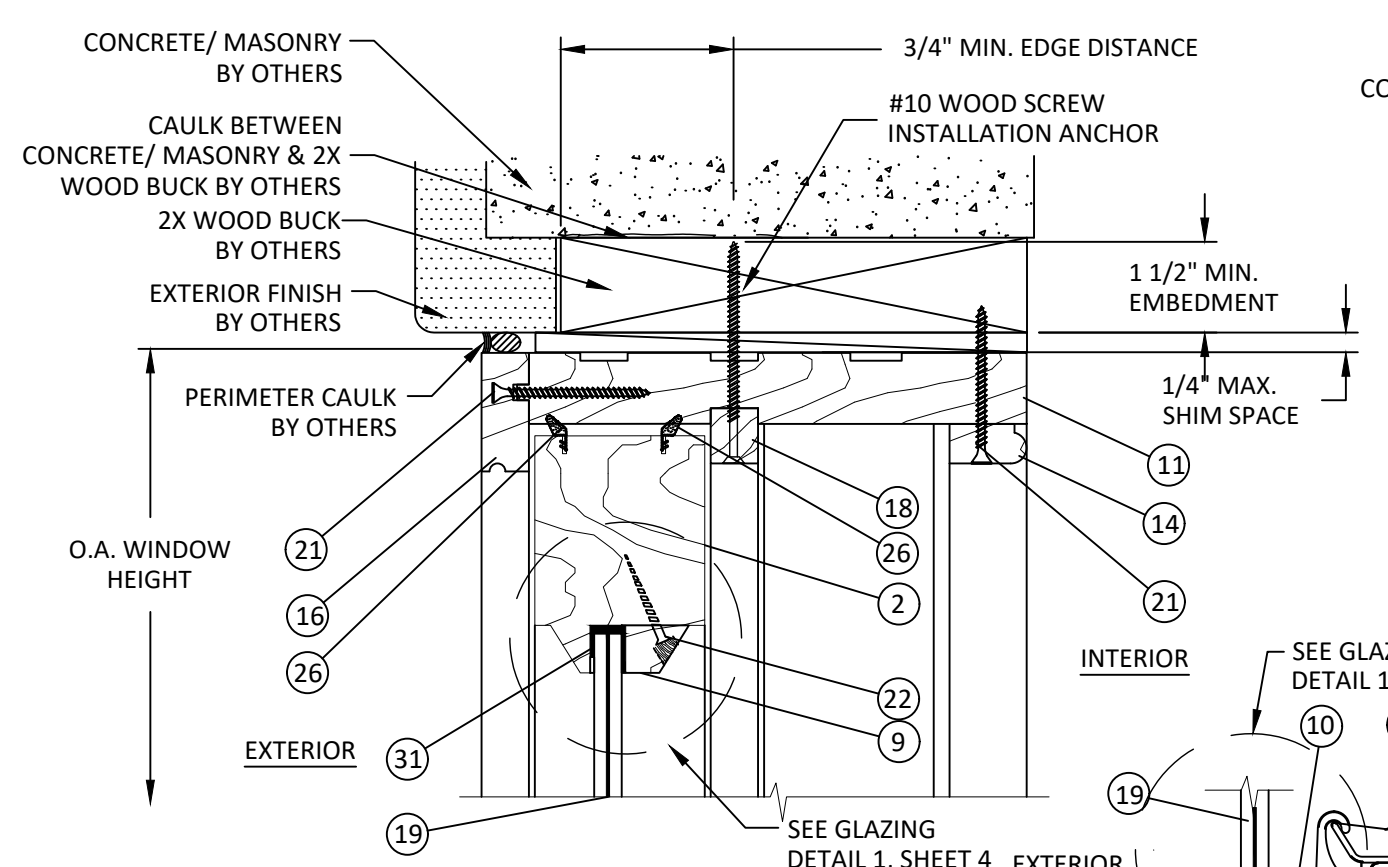
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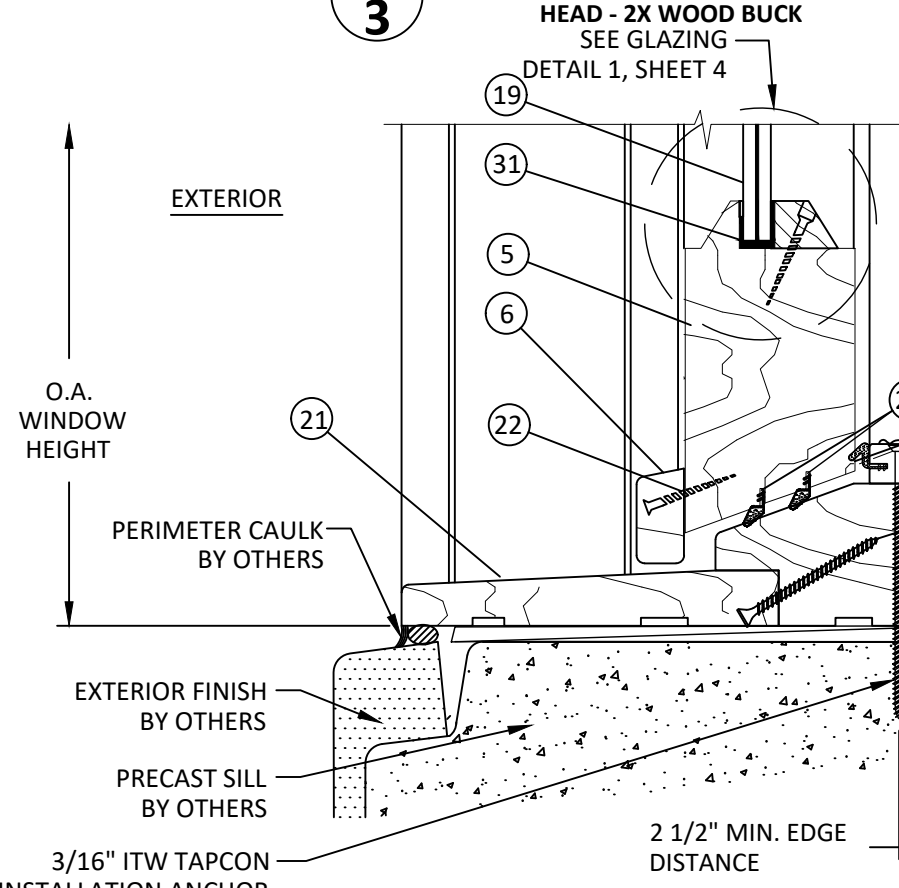
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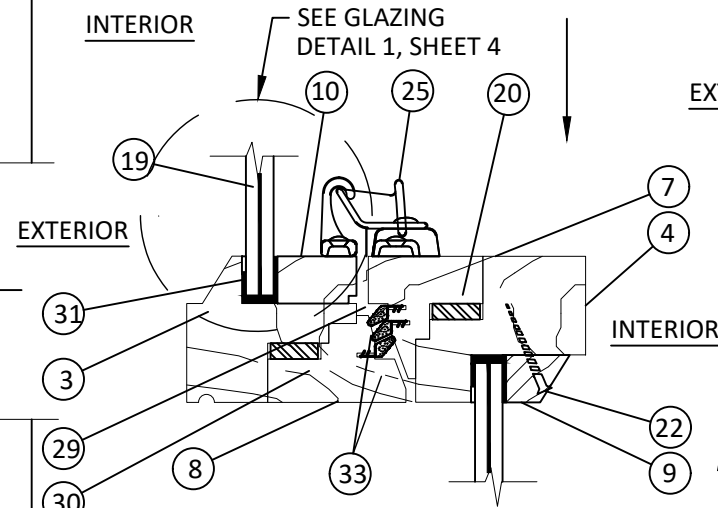
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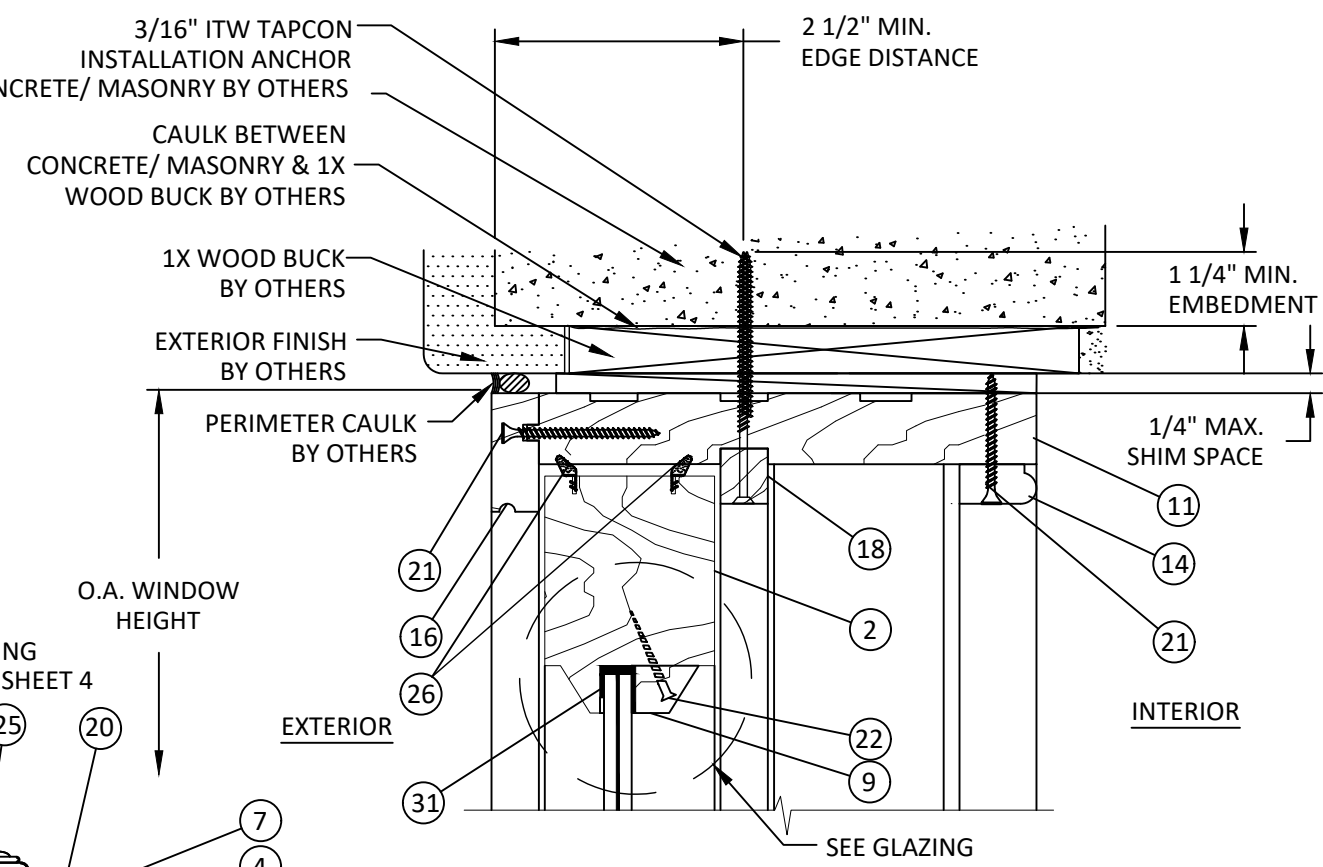
C3 VERTICAL SECTION



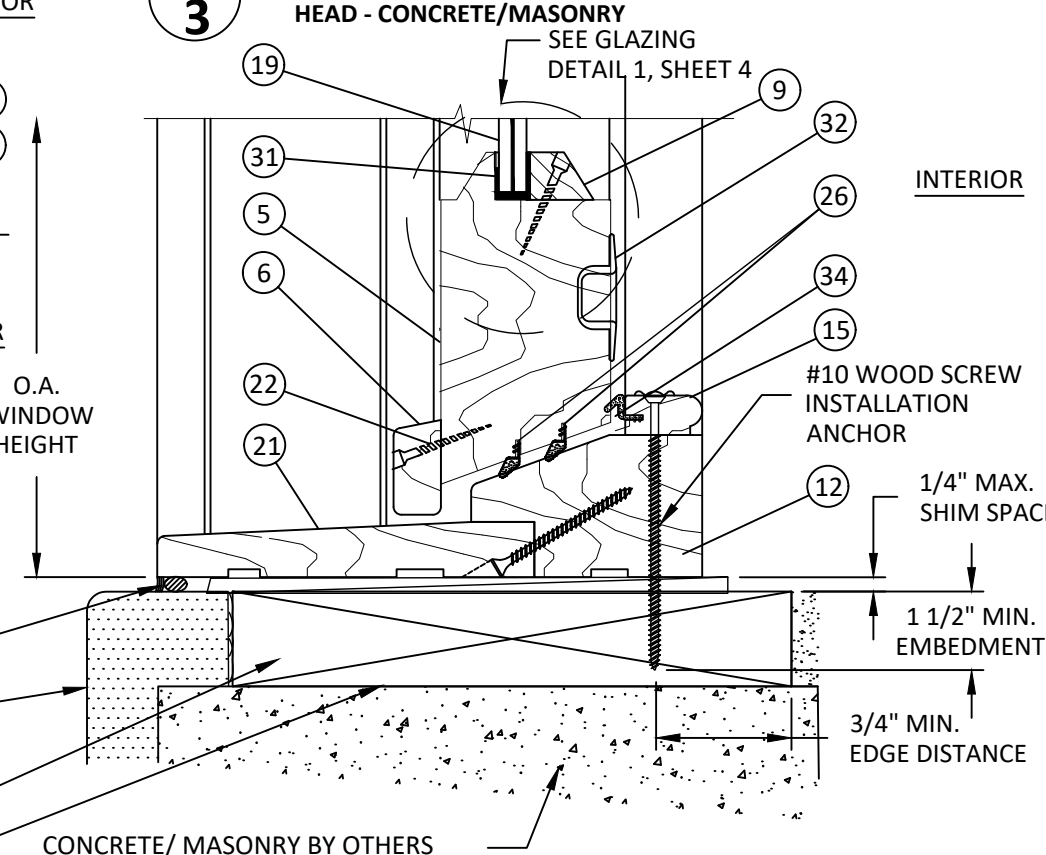
A3 VERTICAL SECTION
SILL - CONCRETE/MASONRY
PRE-CAST SILL



B3 VERTICAL SECTION
MEETING RAIL



E3 VERTICAL SECTION



D3 VERTICAL SECTION
SILL - 2X WOOD STUD



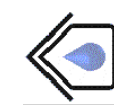
4918 CEDAR AVENUE
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TITLE: MAHOGANY DOUBLE HUNG WINDOW (HVHZ) (IMPACT)

VERTICAL SECTIONS

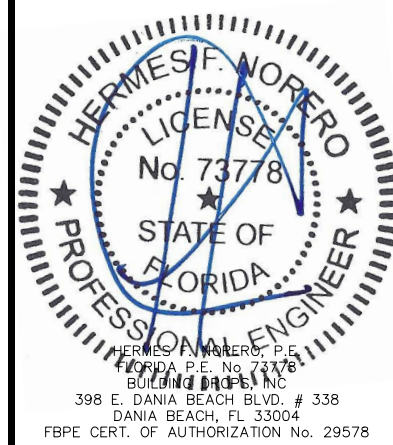
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DANIA BEACH, FL 33004
PH: (954) 399-8478
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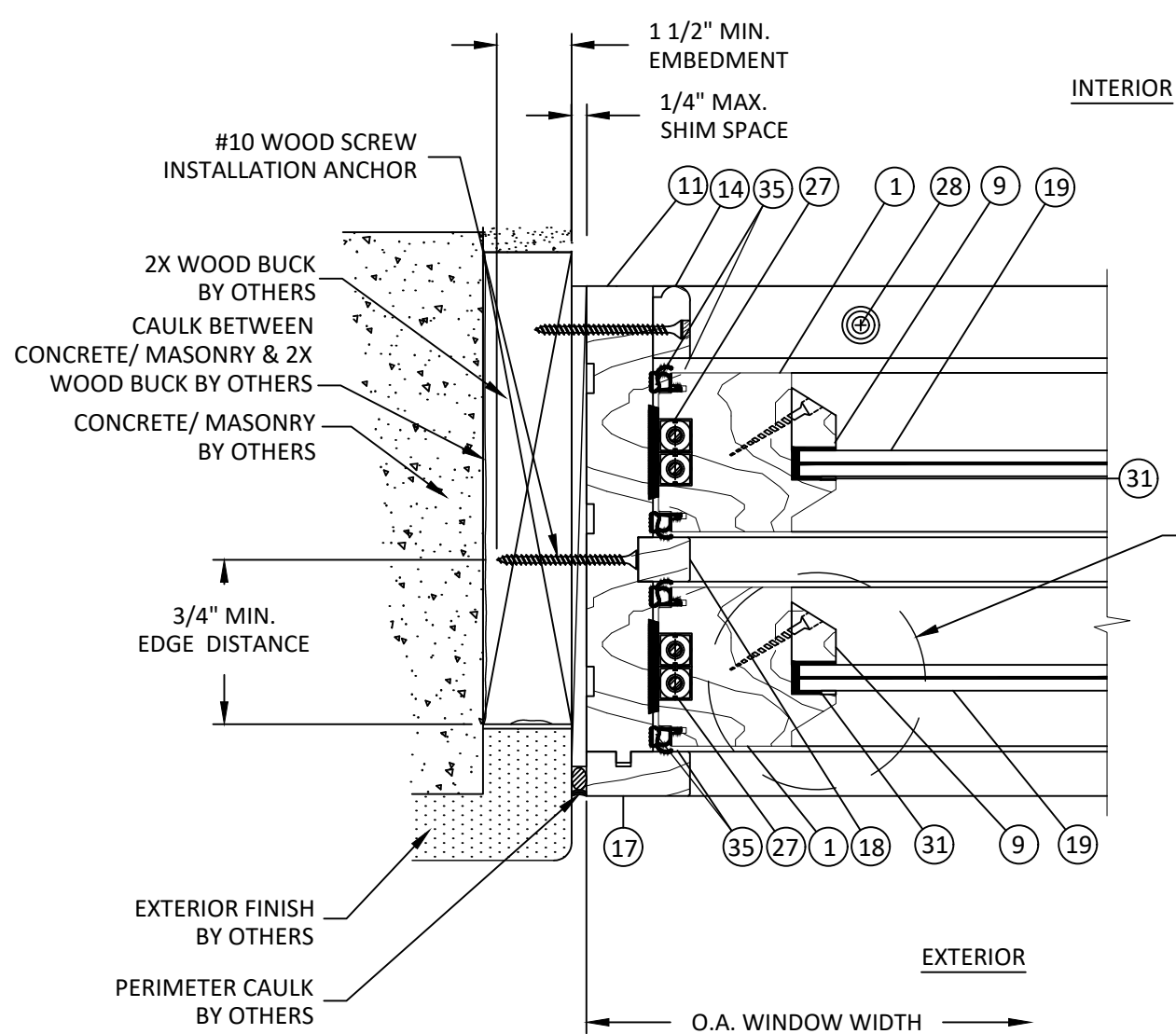
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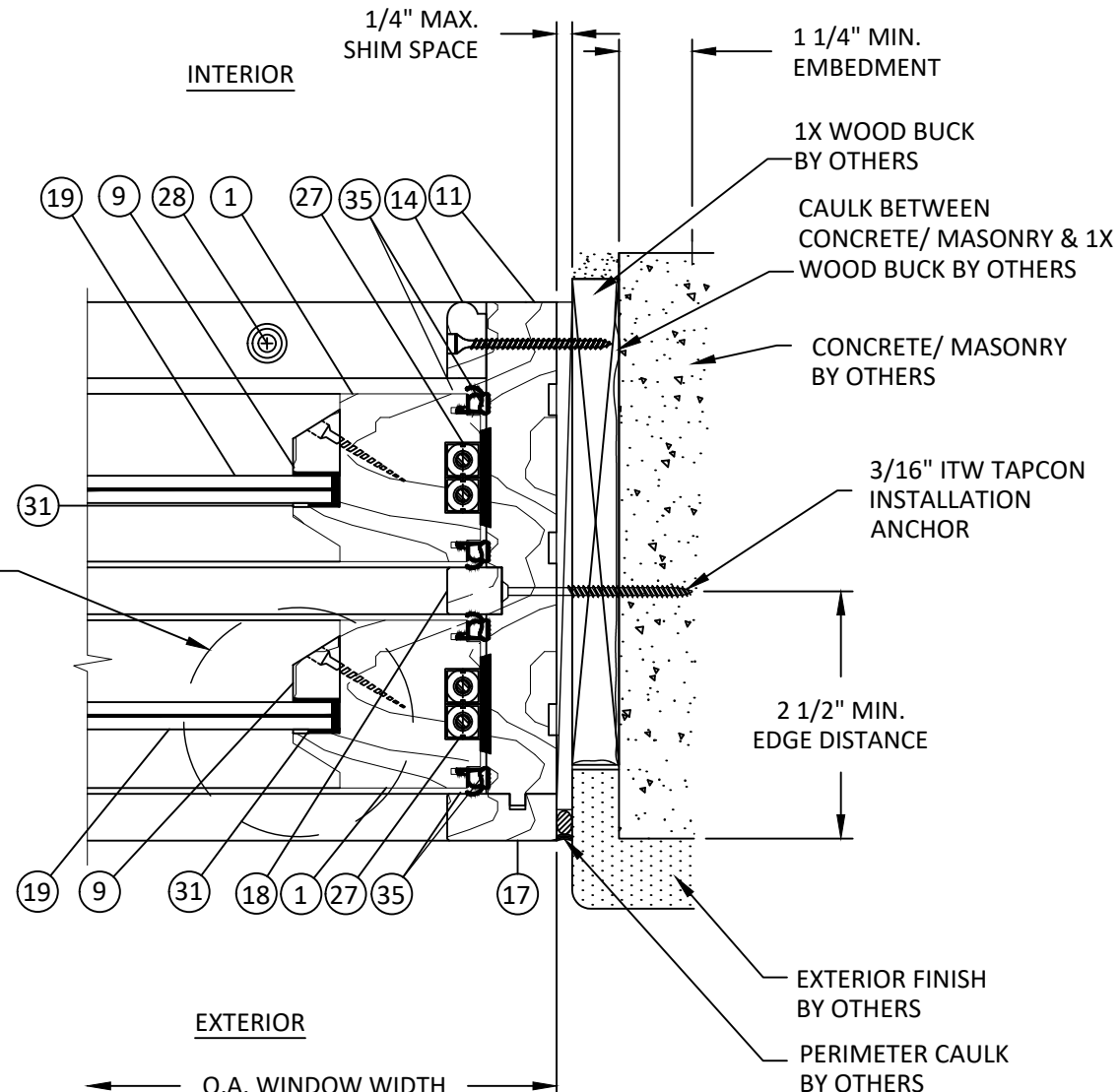


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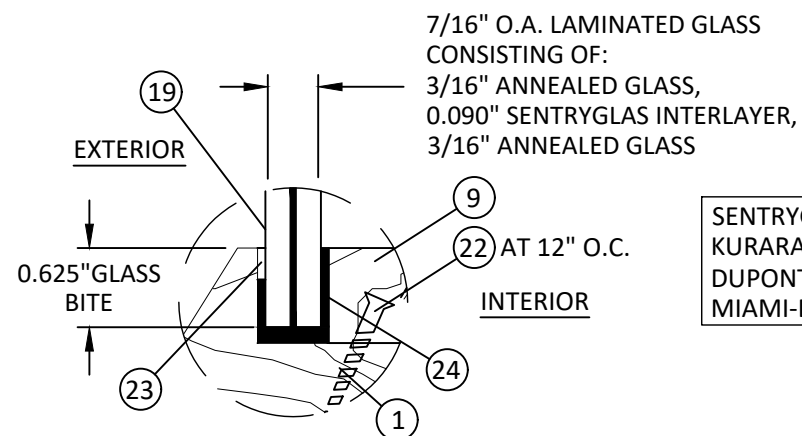
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F
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK



G
4 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY



GLAZING DETAIL 1

NOTE:

- 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.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
- D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

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DOORS

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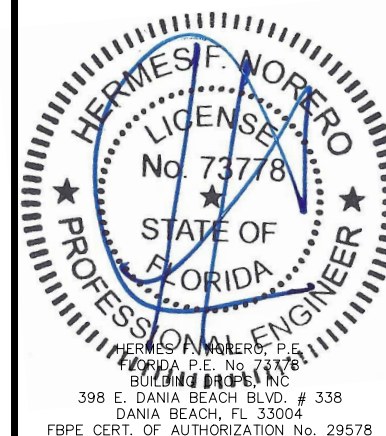
PH: (215) 525-5048 FX: (215) 747-8908

TITLE: **MAHOAGANY DOUBLE HUNG WINDOW (HVHZ) (IMPACT)**
HORIZONTAL SECTIONS & GLAZING DETAIL

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PH: (954) 399-8478
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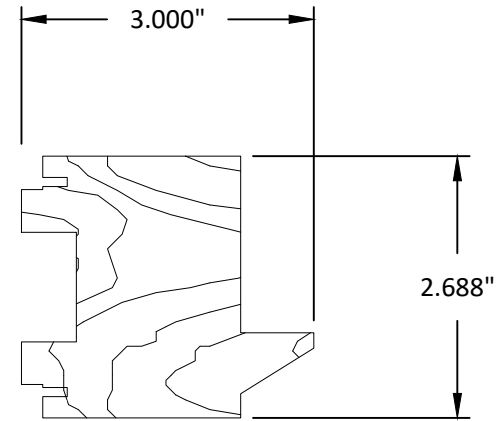
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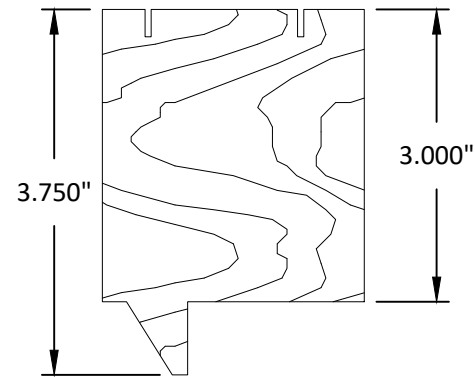
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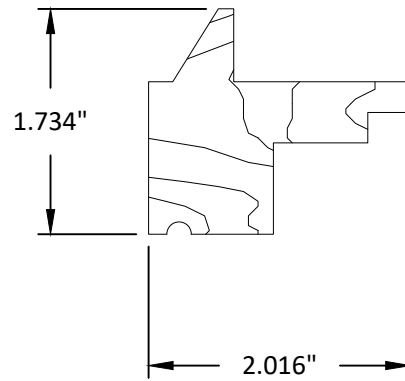
1 SASH STILE
WOOD



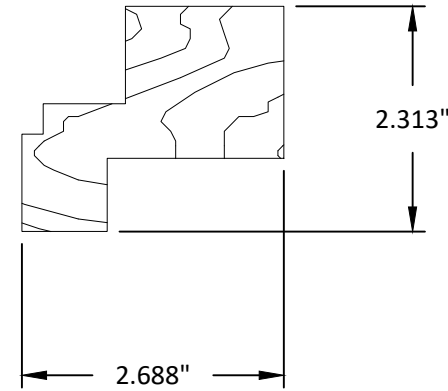
2 SASH TOP RAIL
WOOD



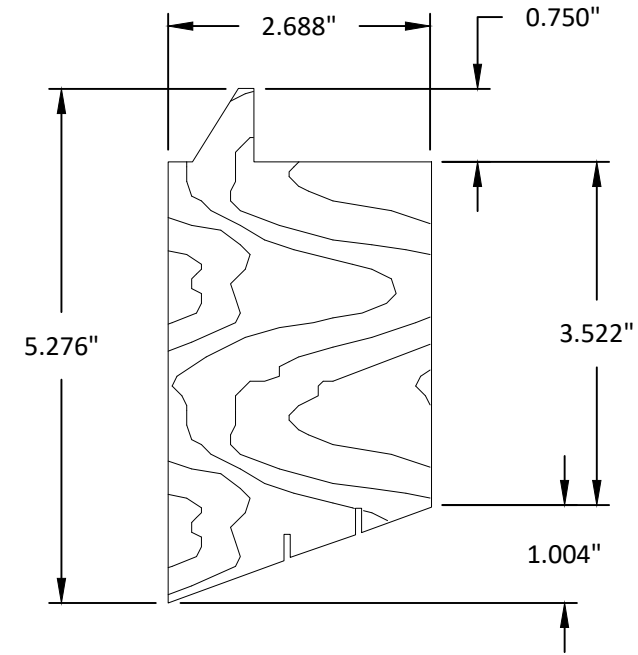
3 SASH TOP RAIL
WOOD



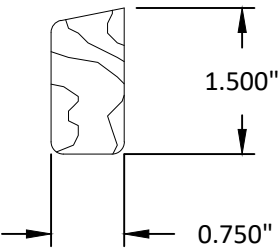
4 SASH BOTTOM RAIL
WOOD



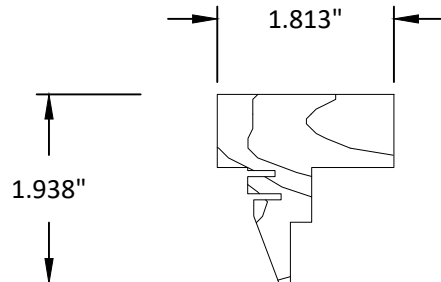
5 SASH BOTTOM RAIL
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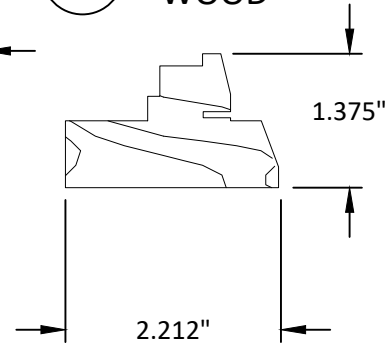
6 WOOD DRIP
WOOD



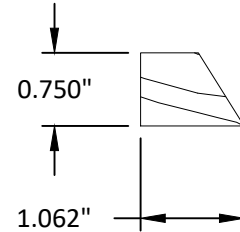
7 INTERLOCK
WOOD



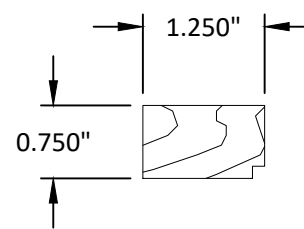
8 INTERLOCK
WOOD



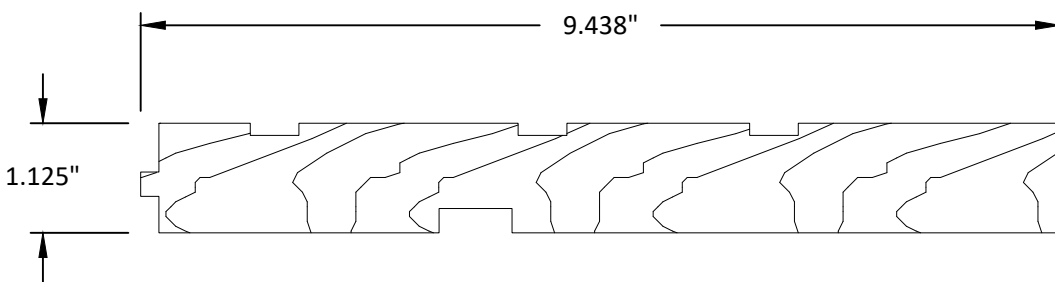
9 GLASS STOP
WOOD



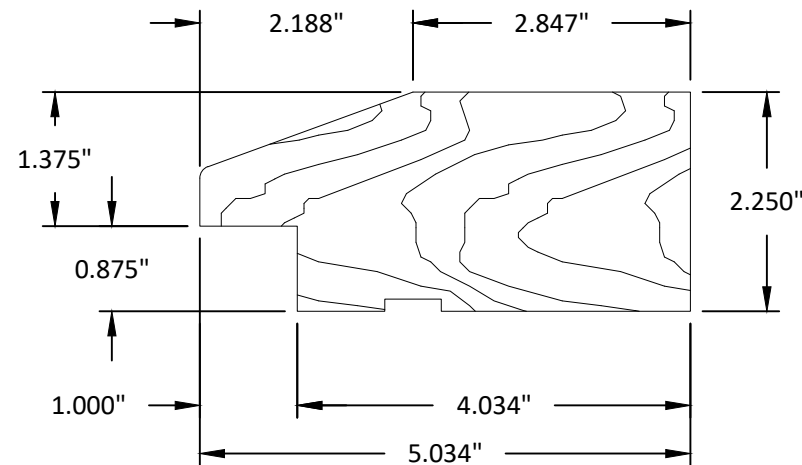
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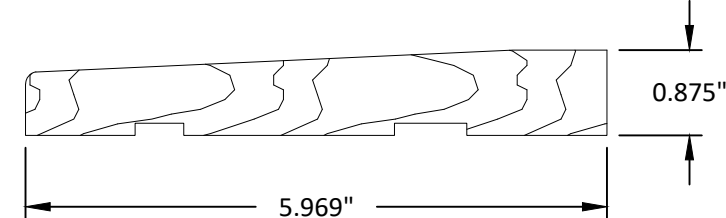
11 HEAD AND JAMB
WOOD



12 SILL
WOOD



13 SILL EXTENSION
WOOD



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TITLE: MAHOGANY DOUBLE HUNG
WINDOW
(HVHZ) (IMPACT)

COMPONENTS

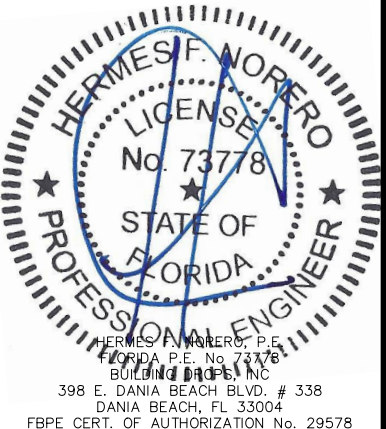
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398 E. DANIA BEACH BLVD., STE. 338
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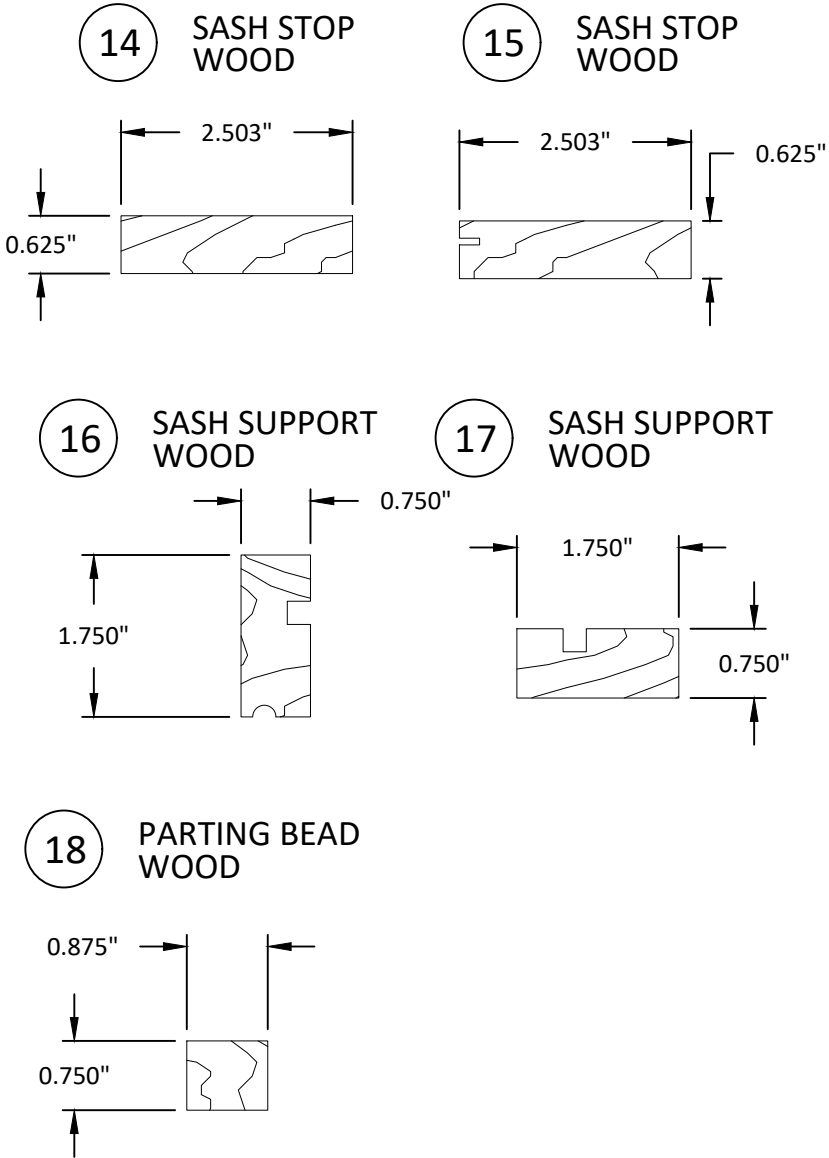
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BILL OF MATERIALS				
ITEM NO.	DESCRIPTION	PART NUMBER	MATERIAL	MANUFACTURER
1	SASH STILE		MAHOGANY	CAOBA DOORS
2	SASH TOP RAIL		MAHOGANY	CAOBA DOORS
3	SASH TOP RAIL		MAHOGANY	CAOBA DOORS
4	SASH BOTTOM RAIL		MAHOGANY	CAOBA DOORS
5	SASH BOTTOM RAIL		MAHOGANY	CAOBA DOORS
6	WOOD DRIP		MAHOGANY	CAOBA DOORS
7	INTERLOCK		MAHOGANY	CAOBA DOORS
8	INTERLOCK		MAHOGANY	CAOBA DOORS
9	GLASS STOP		MAHOGANY	CAOBA DOORS
10	GLASS STOP		MAHOGANY	CAOBA DOORS
11	HEAD AND JAMB		MAHOGANY	CAOBA DOORS
12	SILL		MAHOGANY	CAOBA DOORS
13	SILL EXTENSION		MAHOGANY	CAOBA DOORS
14	SASH STOP		MAHOGANY	CAOBA DOORS
15	SASH STOP		MAHOGANY	CAOBA DOORS
16	SASH SUPPORT		MAHOGANY	CAOBA DOORS
17	SASH SUPPORT		MAHOGANY	CAOBA DOORS
18	PARTING BEAD		MAHOGANY	CAOBA DOORS
19	7/16" LAMINATED GLASS		GLASS	TECNOGLASS
20	STEEL BAR, 1/4" x 1 1/2"		STEEL	
21	#12 x 1 1/2" SCREW		STEEL	
22	#8 x 2" SCREW		STEEL	AT 12" O.C.
23	1/4" GLAZING TAPE			ARLON
24	SG-20 SILICONE SEALANT			SIKAFLEX
25	CAM LOCKS	LKF14	STEEL	PHELPS
26	WEATHER STRIPPING	QEZ-100		SCHLEGEL
27	CONCEALED BALANCE			STRYBUC
28	GROMMET			PHELPS
29	WEATHER STRIPPING	AP-427		SCHLEGEL
30	STEEL BAR		STEEL	
31	TAPE GLAZING			SCHLEGEL
32	SASH LIFT	LFM26		PHELPS
33	WEATHER STRIPPING	QWS-21		SCHLEGEL
34	WEATHER STRIPPING	QEZ-320		SCHLEGEL
35	WEATHER STRIPPING	QWS-320		SCHLEGEL





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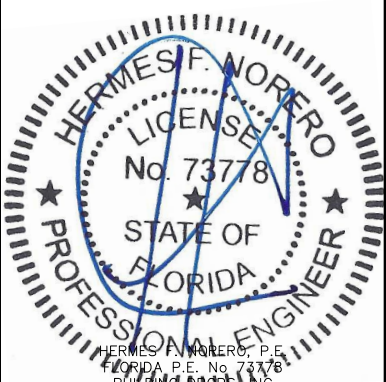
COMPONENTS & BILL OF MATERIAL

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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

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