

CAOBA DOORS

MAHOGANY FIXED LITE

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 #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE) 1/4 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.

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 S.G.=0.45 OR THE SPECIFIC GRAVITY OF ANY NATURALLY DURABLE WOOD WITH S.G.>0.45 AND WITH A MINIMUM GRADE 2 RATING AS DEFINED BY THE CURRENT FLORIDA BUILDING CODE.
- MULLION MATERIAL: OAK
- THE MINIMUM SPECIFIC GRAVITY OF OAK SHALL BE S.G.=0.59 OR THE SPECIFIC GRAVITY OF ANY NATURALLY DURABLE WOOD WITH S.G.>0.59 AND WITH A MINIMUM GRADE 2 RATING AS DEFINED BY THE CURRENT FLORIDA BUILDING CODE.
- INDIVIDUAL WINDOWS MAY BE MULLED USING ALUMINUM MULLIONS UNDER SEPARATE APPROVAL.
- 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.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAIL.

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	C	INSTALLATION & GENERAL NOTES
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3	A	O-O ELEVATIONS & ANCHOR LAYOUTS
4	B	VERTICAL SECTIONS
5	B	HORIZONTAL SECTIONS & GLAZING DETAILS
6	A	CORNER ASSEMBLIES
7	A	COMPONENTS & BILL OF MATERIAL

DESIGN PRESSURE RATING				
SIZE	CONFIG.	GLAZING TYPE	DESIGN PRESSURE	MISSILE IMPACT RATING
54.5" X 111"	O	1	+70/-70 PSF	SMALL AND LARGE MISSILE IMPACT RATED
55.25" X 85.635"	O	2	+70/-70 PSF	SMALL AND LARGE MISSILE IMPACT RATED
112" X 111"	O-O	1	+70/-70 PSF	SMALL AND LARGE MISSILE IMPACT RATED



4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

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

MAHOGANY FIXED LITE
INSTALLATION & GENERAL NOTES

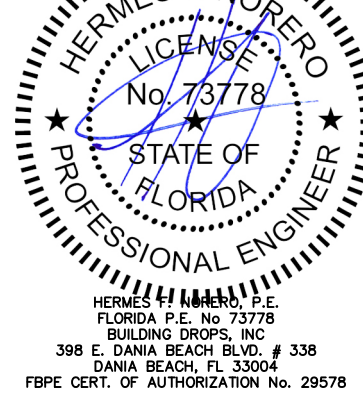
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2017.12.12 12:59:17 -0500



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FL14296

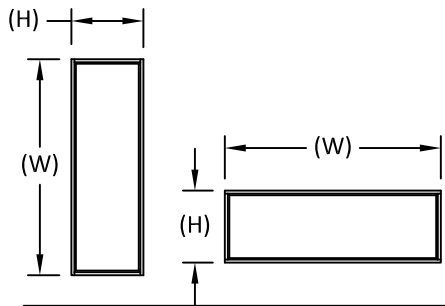
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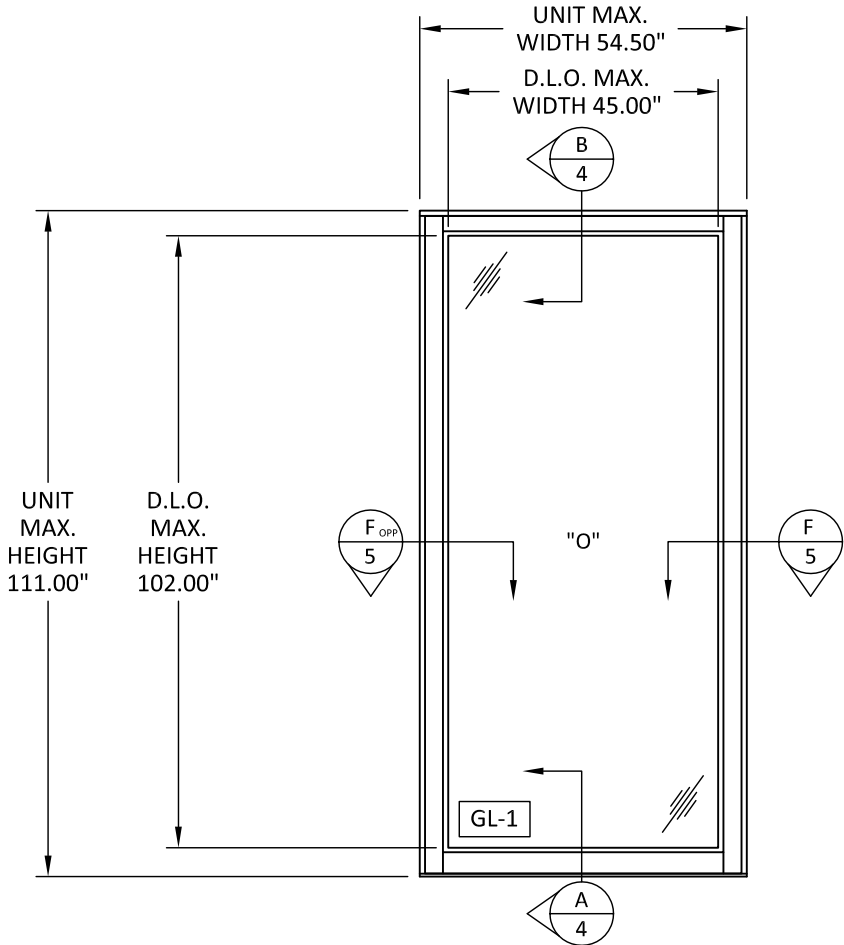
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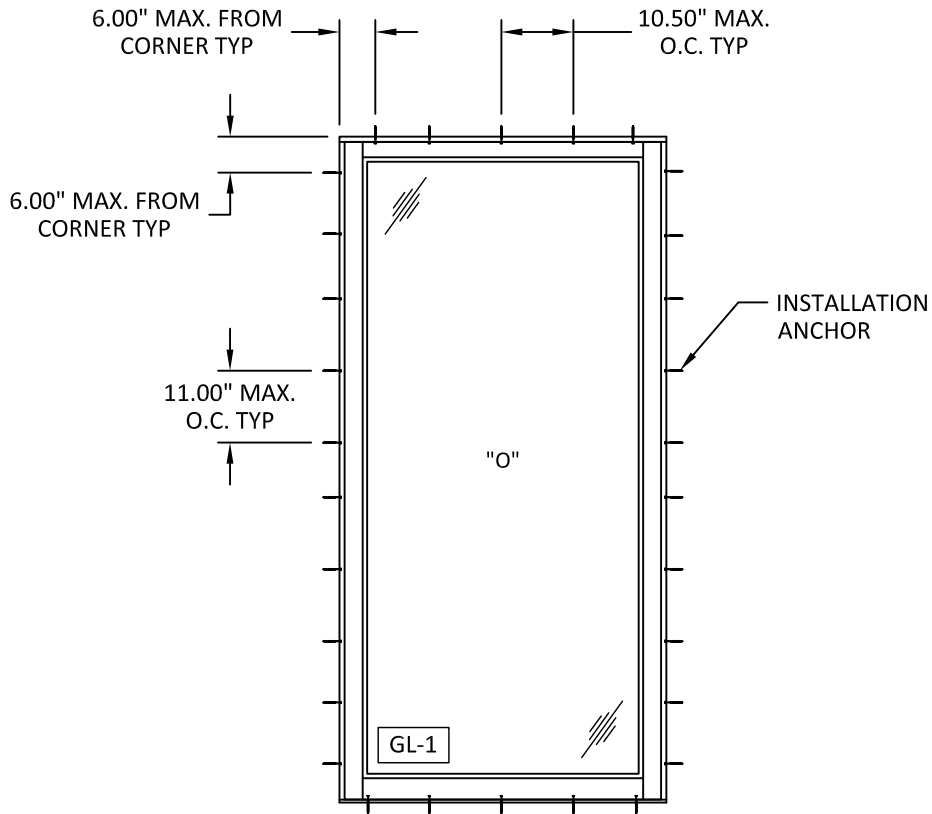
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1
OF 7



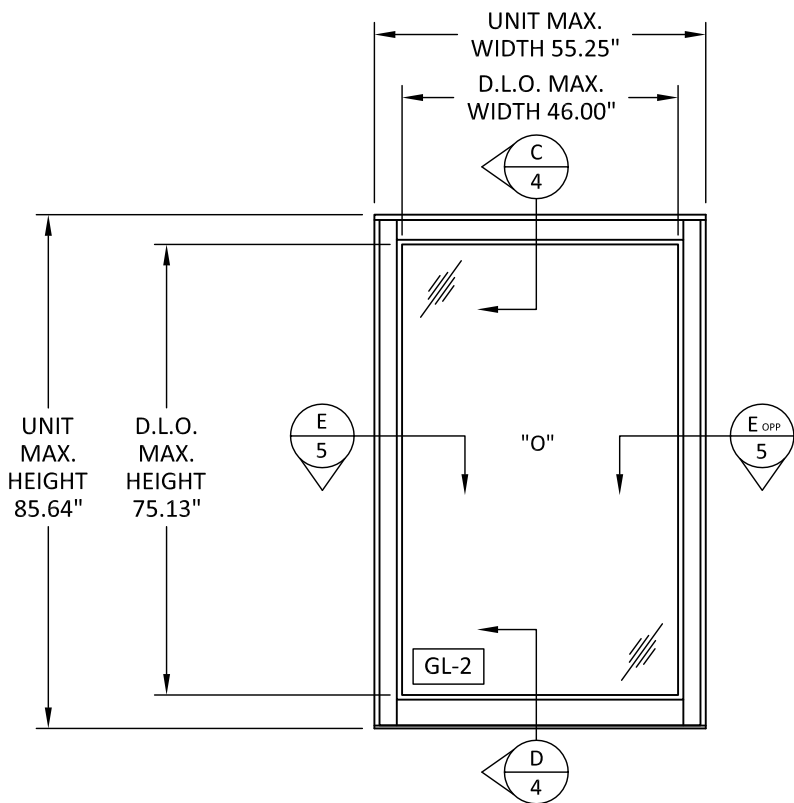
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WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM QUALIFIED SQUARE FOOT AREA.



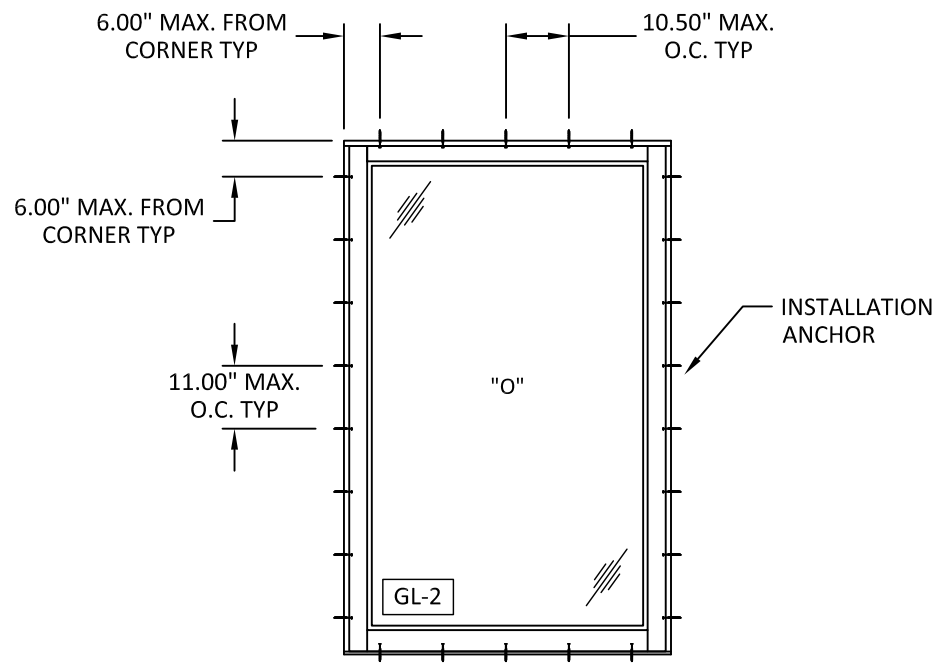
ELEVATION



ANCHOR LAYOUT



ELEVATION



ANCHOR LAYOUT



4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

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

TITLE: MAHOGANY FIXED LITE
O ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY: BUILDING DROPS, INC.
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DANIA BEACH, FL 33004
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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

FL #: FL14296

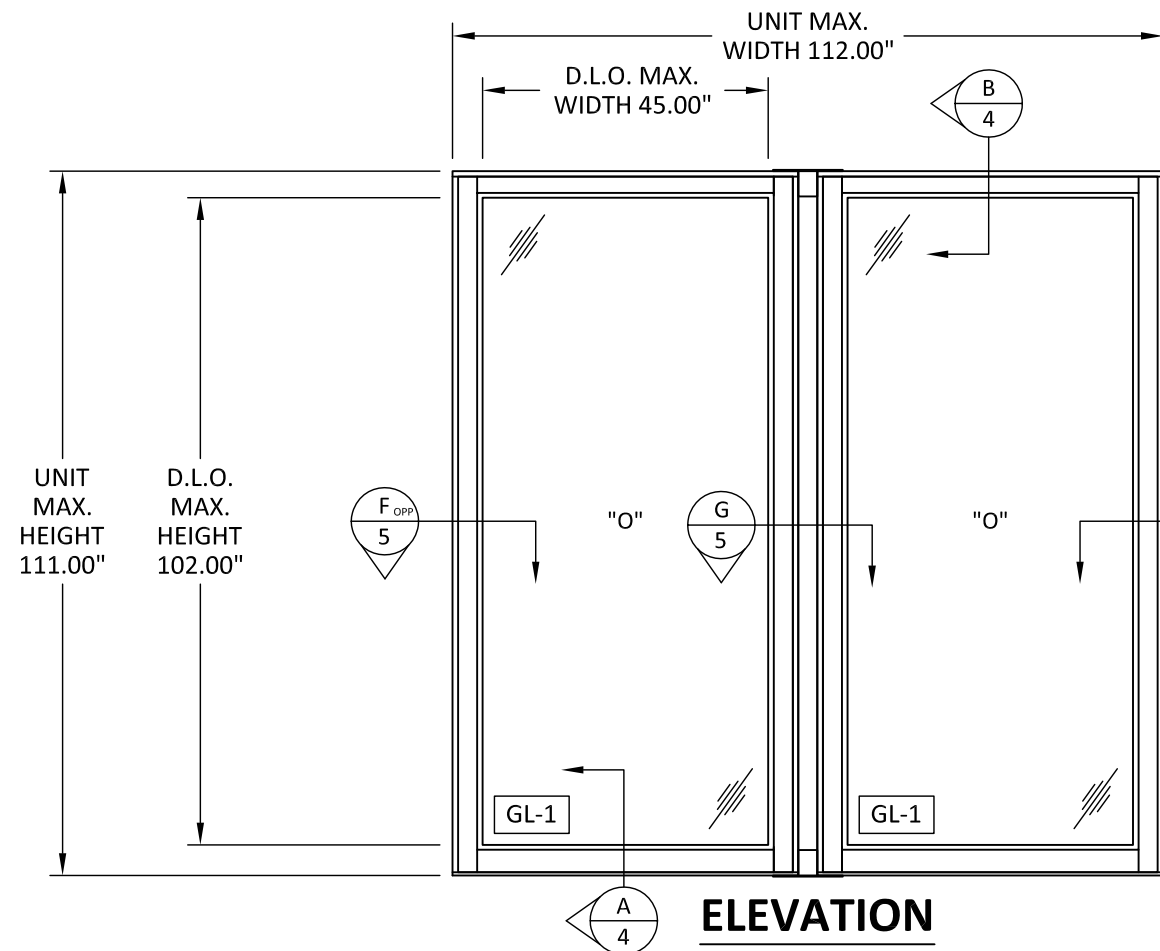
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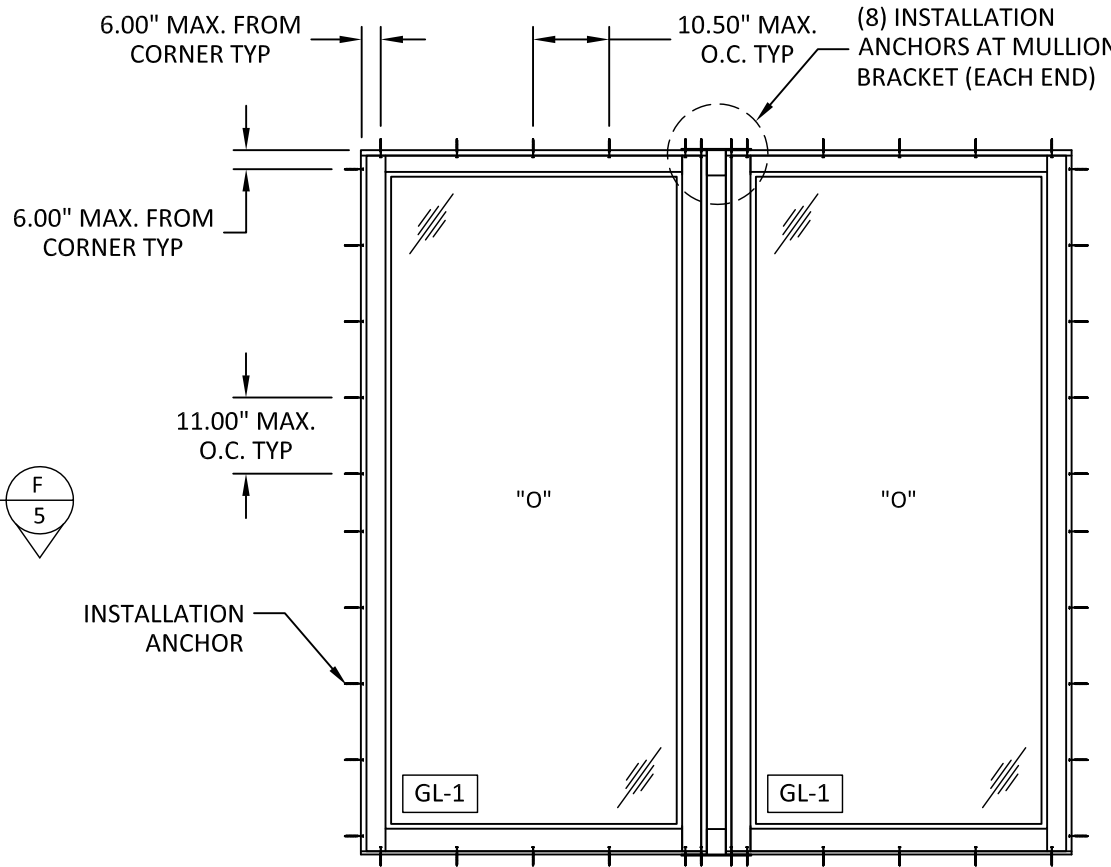
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DWG. #: CAB001

SHEET: 2 OF 7



ELEVATION



ANCHOR LAYOUT



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PHILADELPHIA, PA 19143
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HERMES F. NORERO
LICENSED PROFESSIONAL ENGINEER
No. 73778
STATE OF FLORIDA

HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
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DANIA BEACH, FL 33004
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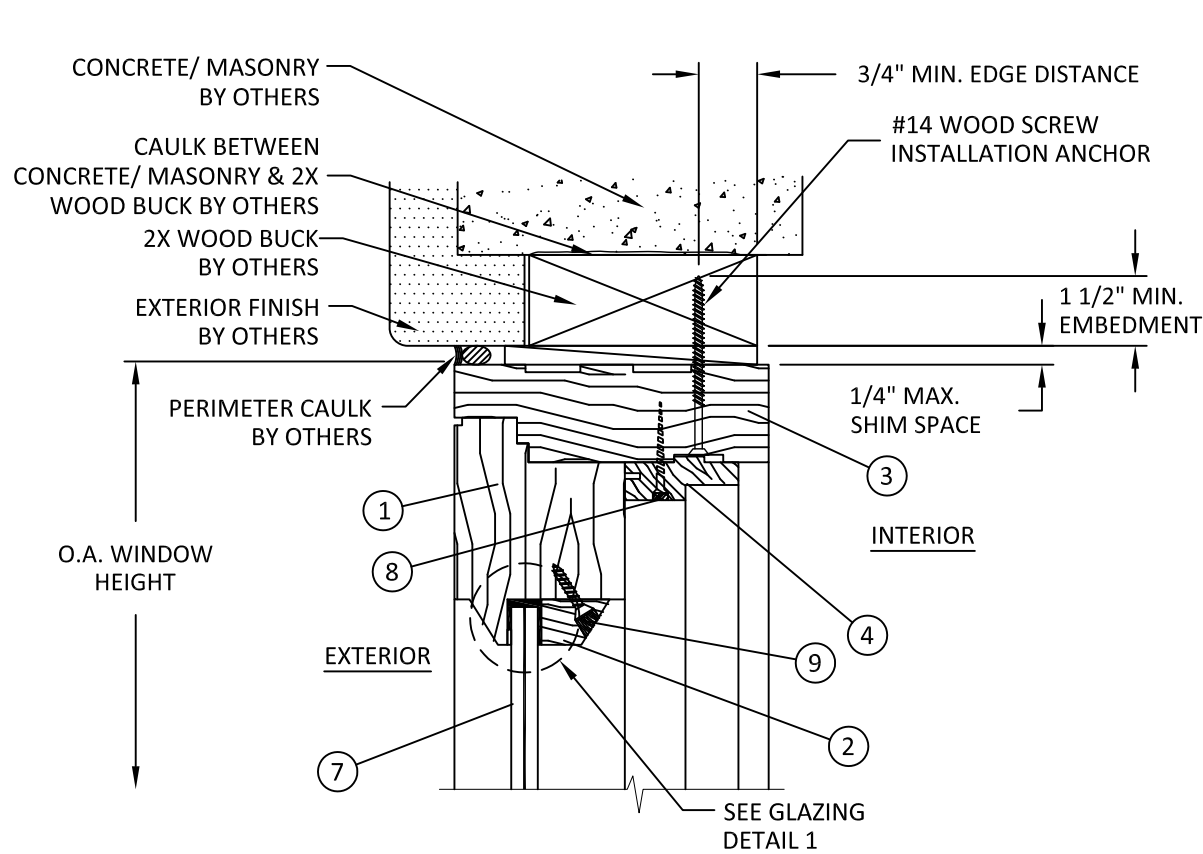
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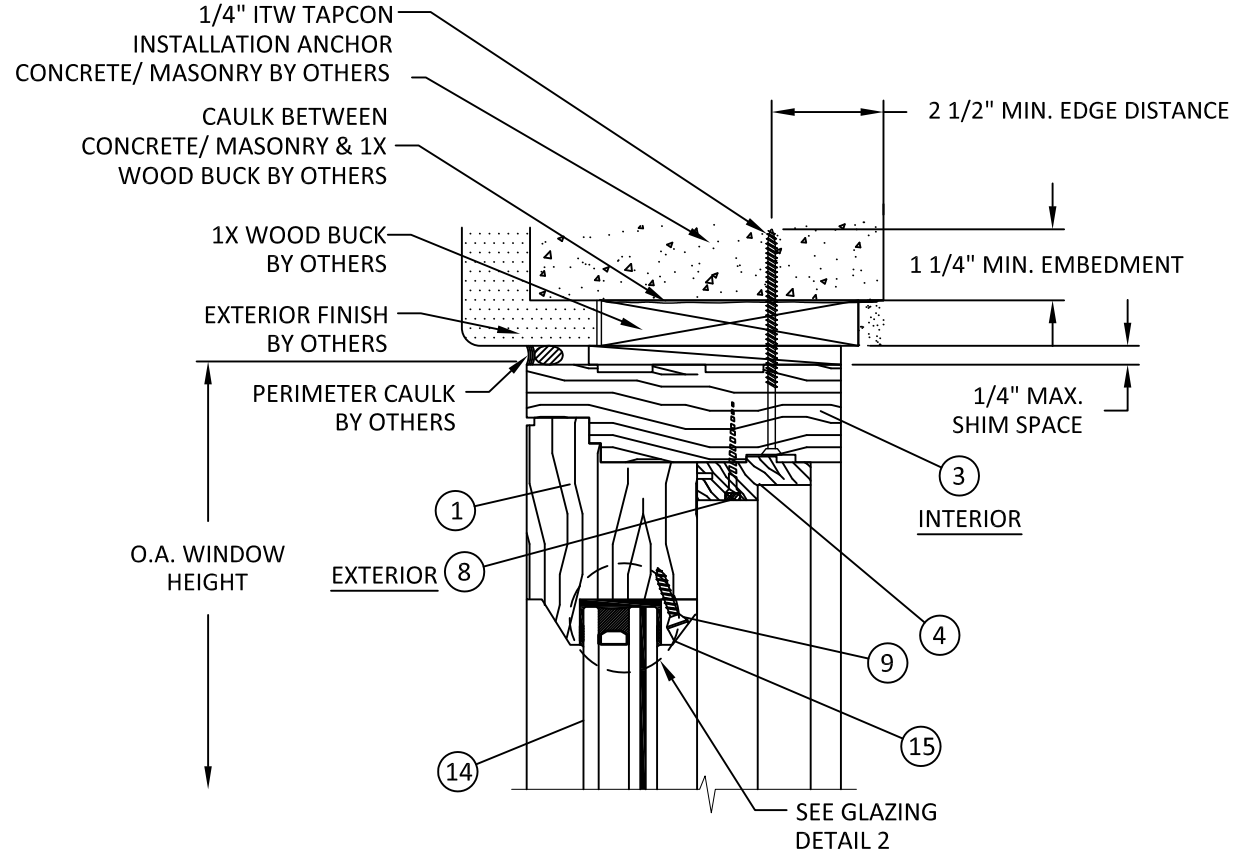
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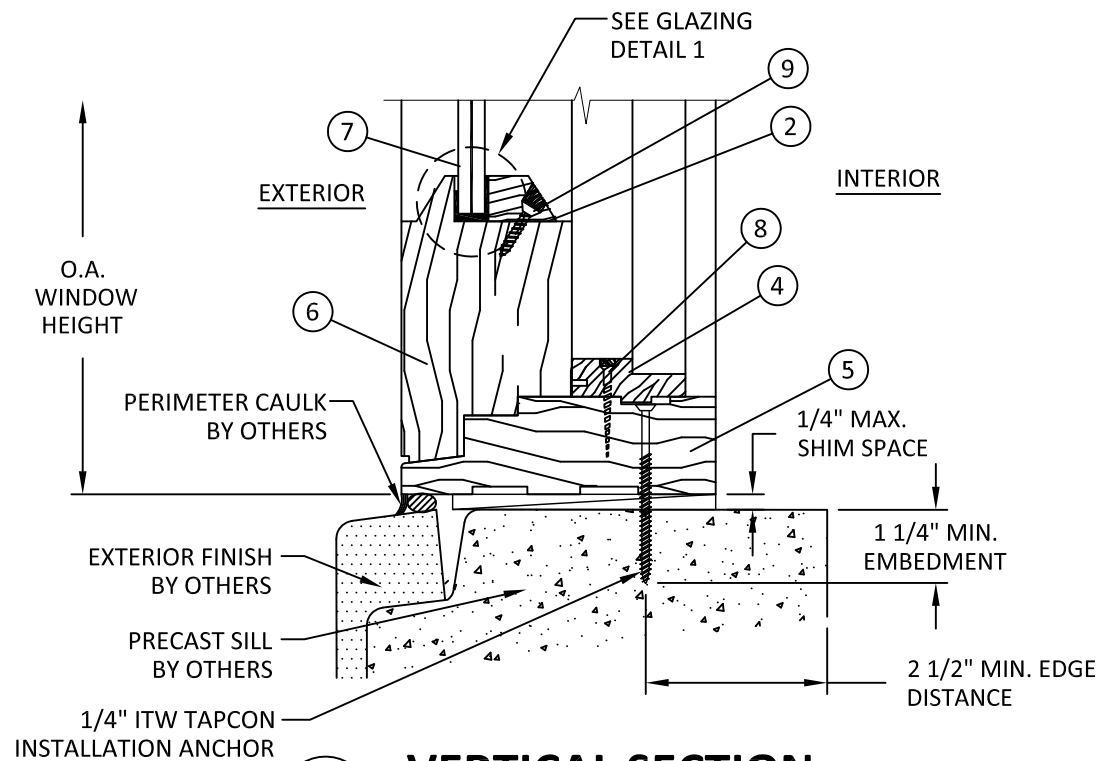
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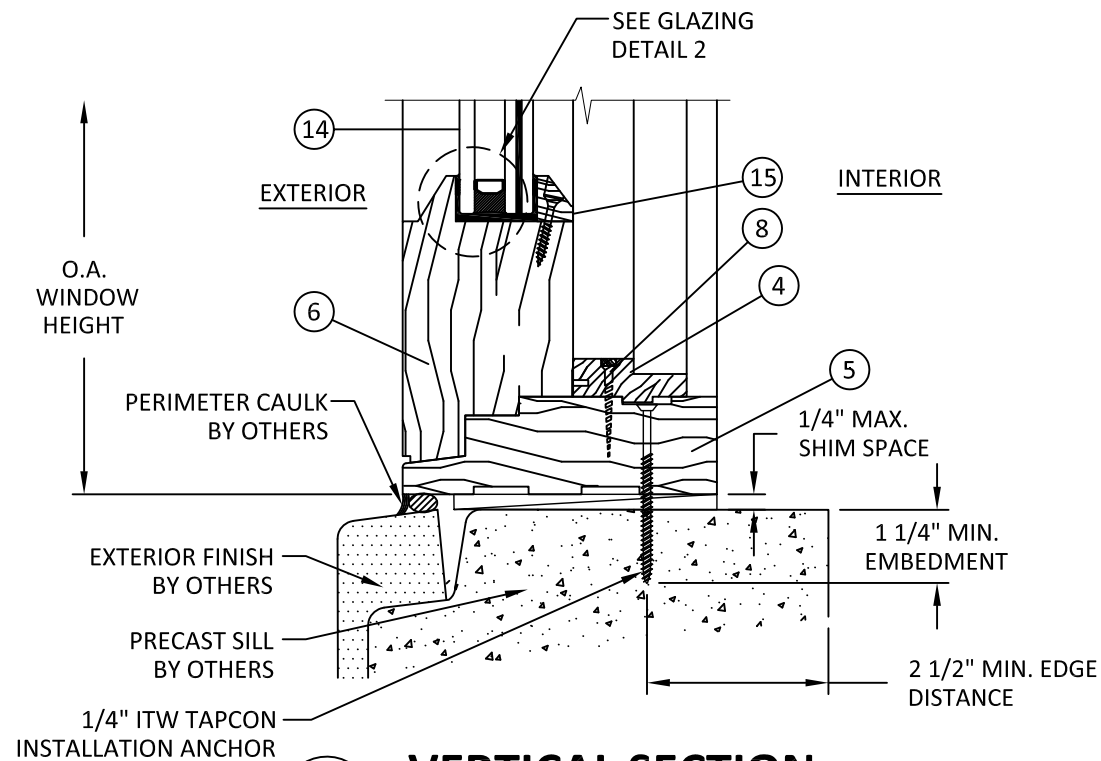
B
4
VERTICAL SECTION
HEAD - 2X WOOD BUCK



C
4
VERTICAL SECTION
HEAD - CONCRETE/MASONRY



A
4
VERTICAL SECTION
SILL - CONCRETE/MASONRY
PRE-CAST SILL



D
4
VERTICAL SECTION
SILL - CONCRETE/MASONRY
PRE-CAST SILL

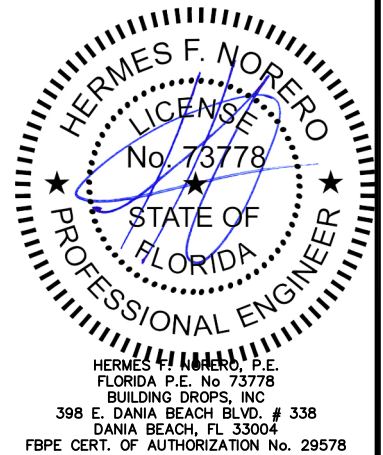


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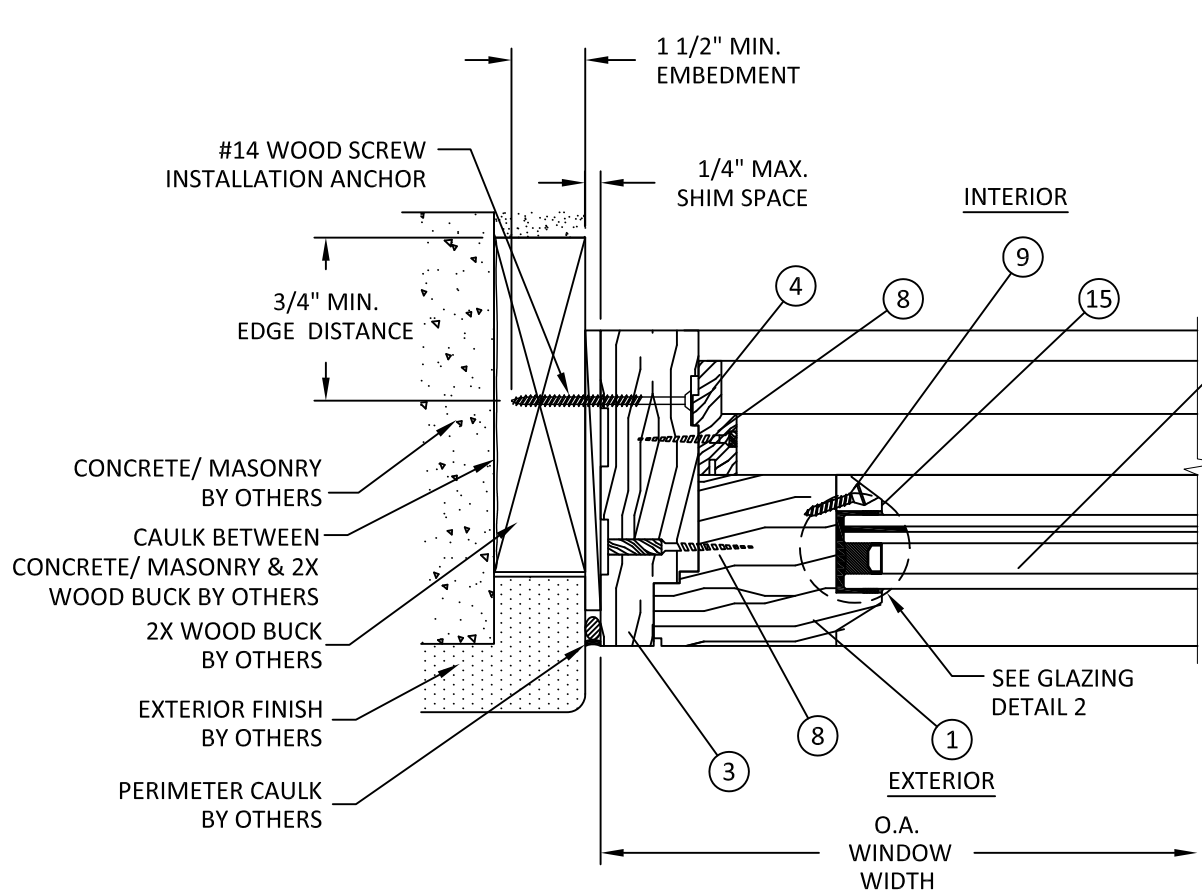
TITLE: MAHOGANY FIXED LITE
VERTICAL SECTIONS
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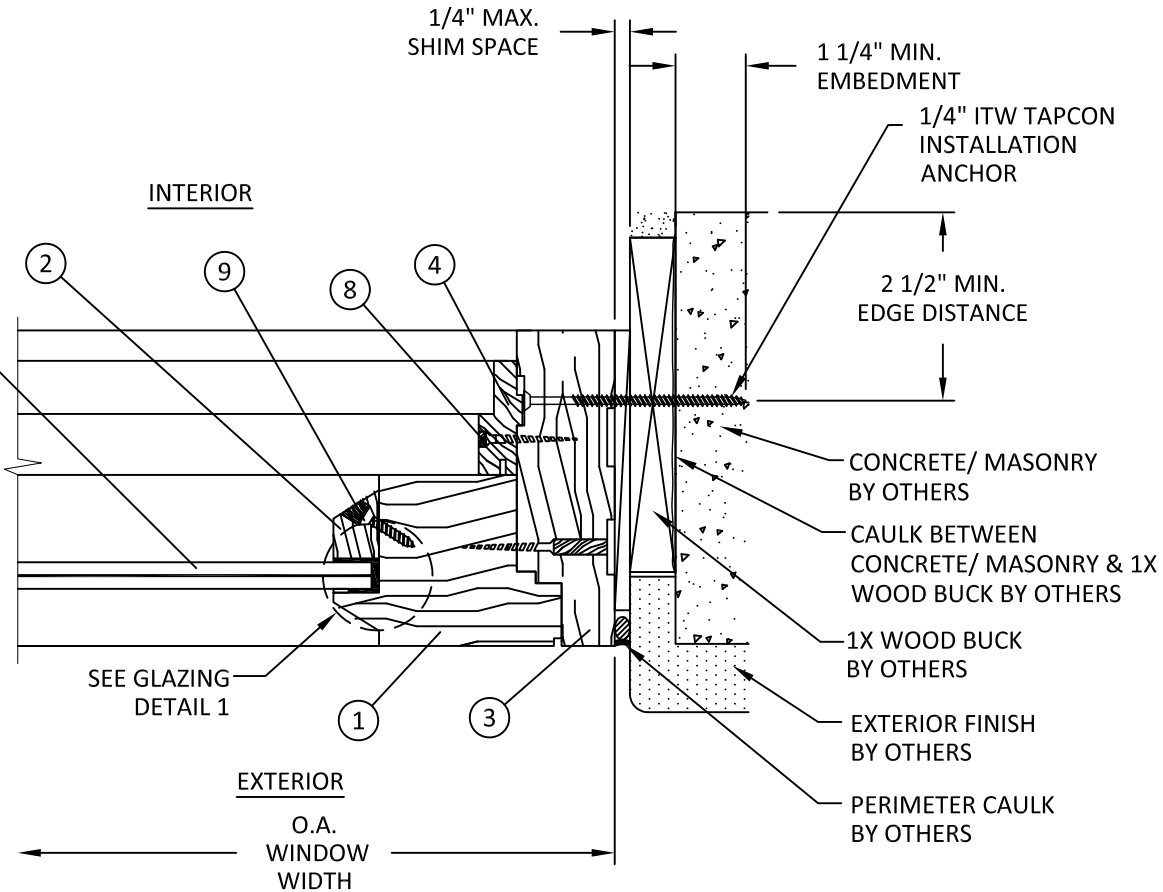
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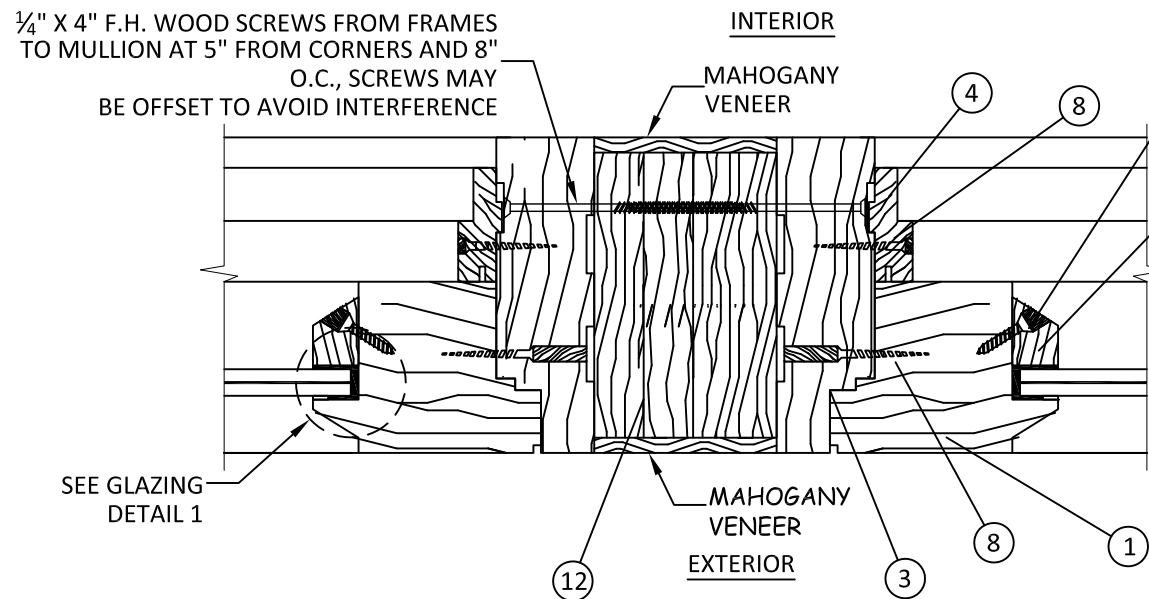
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SCALE: **NTS**
DWG. #: **CAB001**
SHEET: **4** OF 7



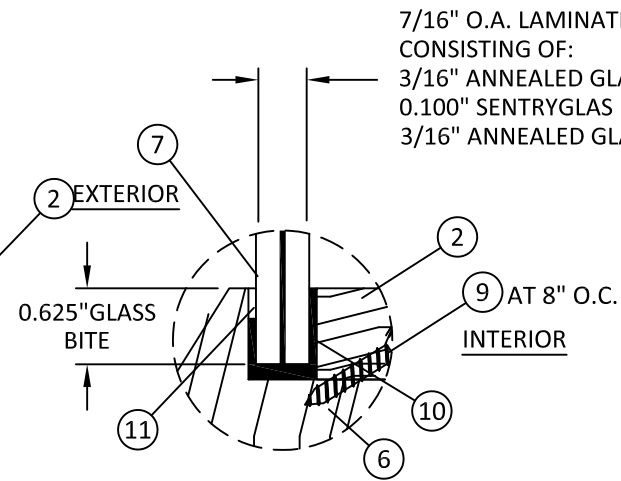
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5 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK



F
5 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY



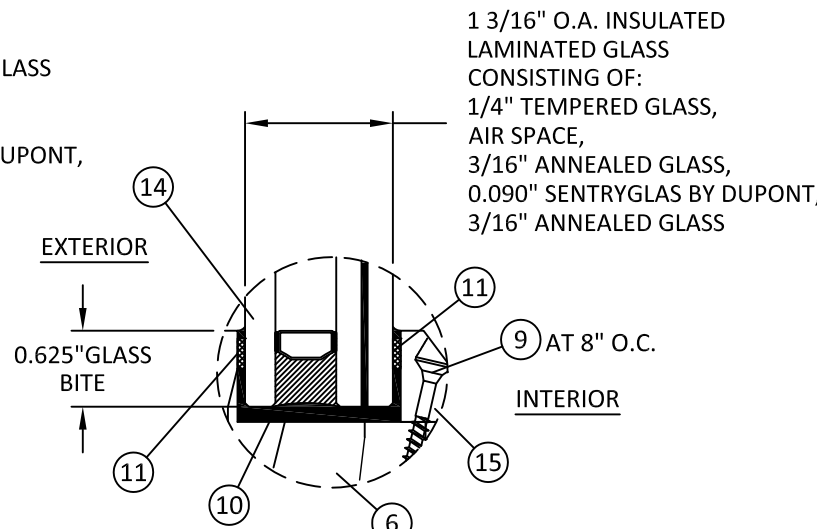
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5 **HORIZONTAL SECTION**
MULLION



GLAZING DETAIL 1

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

SENTRYGLAS INTERLAYER BY KURARAY UNDER CURRENT MIAMI-DADE COUNTY NOA



GLAZING DETAIL 2

- 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.



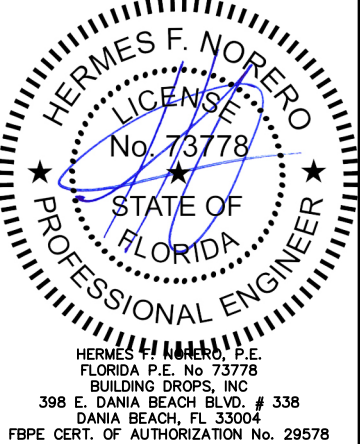
4918 CEDAR AVENUE
PHILADELPHIA, PA 19143

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

TITLE:
MAHOGANY FIXED LITE
HORIZONTAL SECTIONS
& GLAZING DETAILS

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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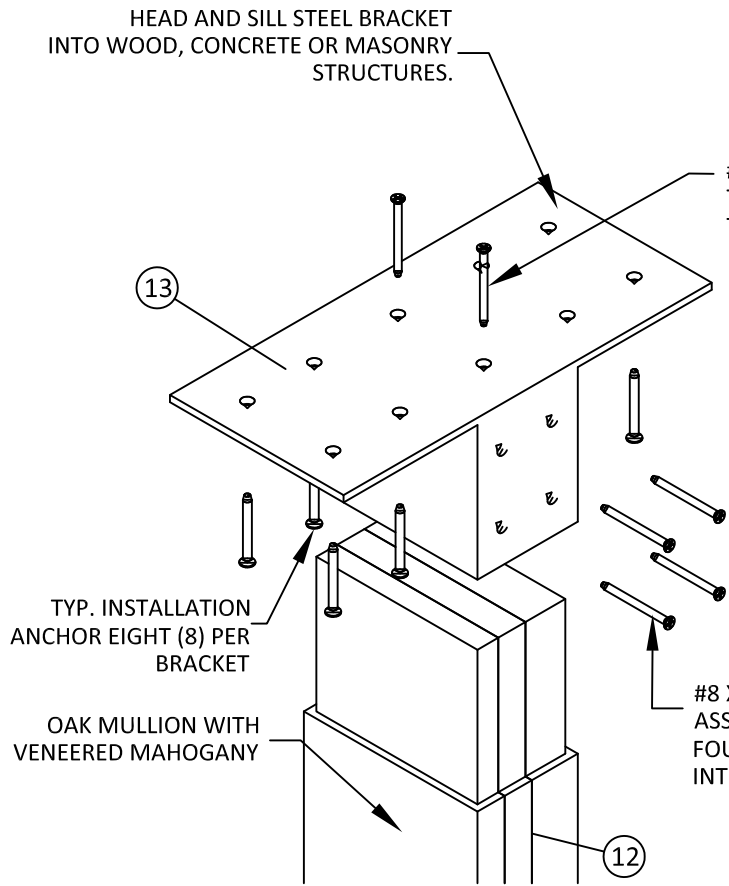
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SCALE: **NTS**

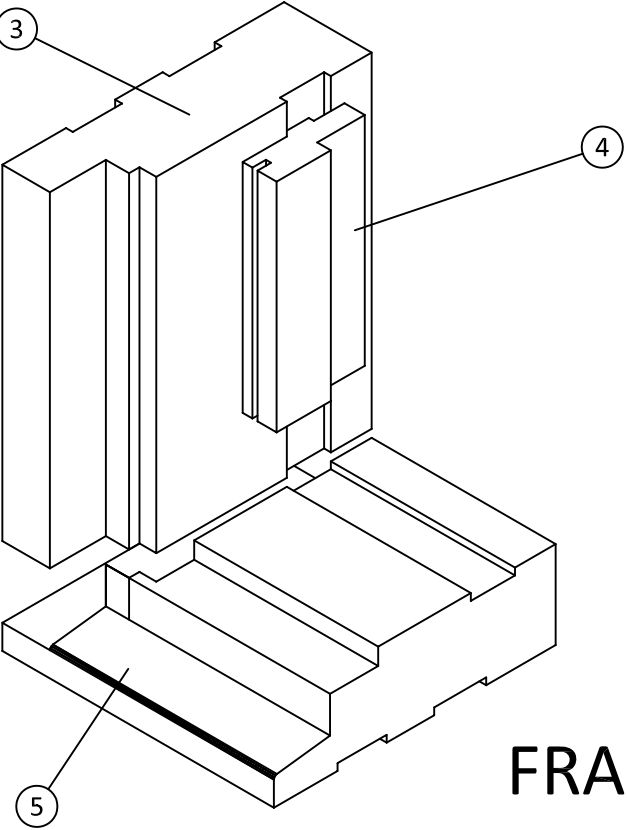
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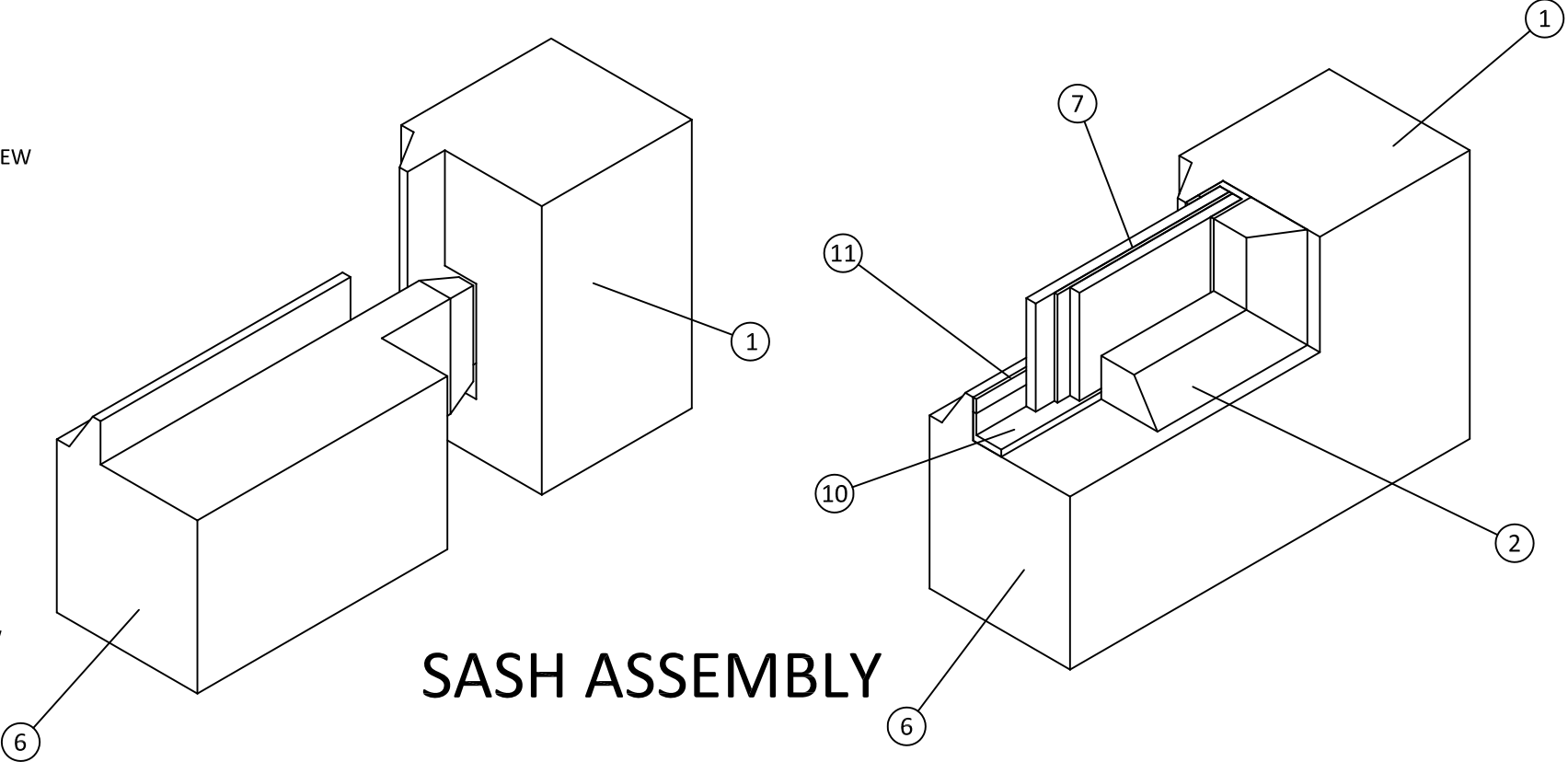
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MULLION BRACKET ASSEMBLY



FRAME ASSEMBLY



SASH ASSEMBLY

4918 CEDAR AVENUE
PHILADELPHIA, PA 19143
PH: (215) 525-5048 FX: (215) 747-8908

TITLE: MAHOGANY FIXED LITE
CORNER ASSEMBLIES

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

SCALE: NTS

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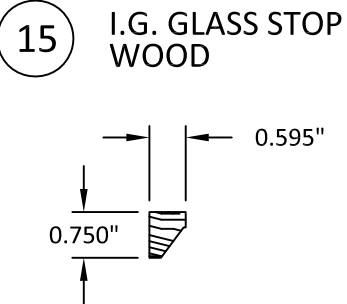
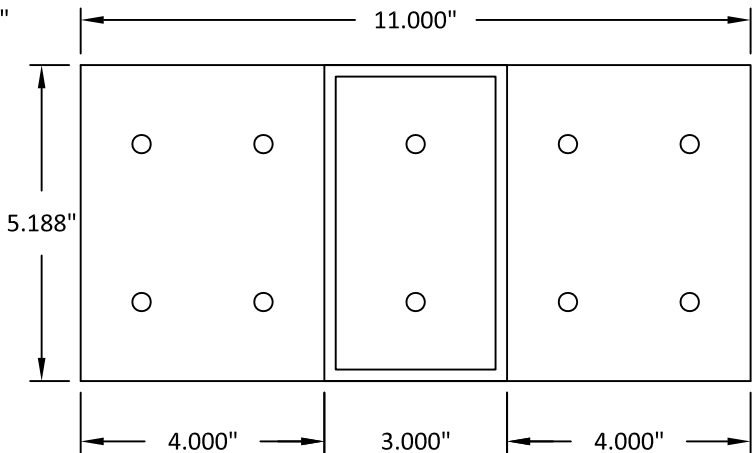
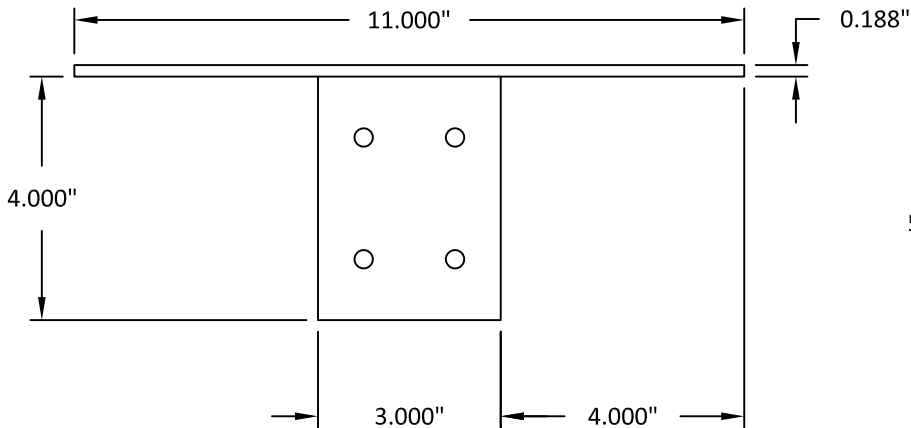
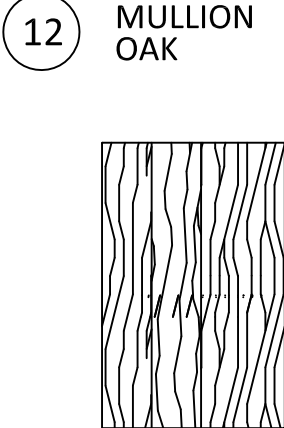
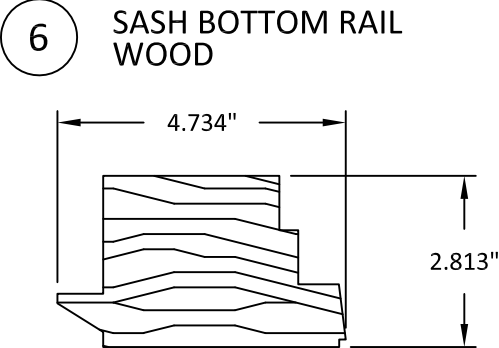
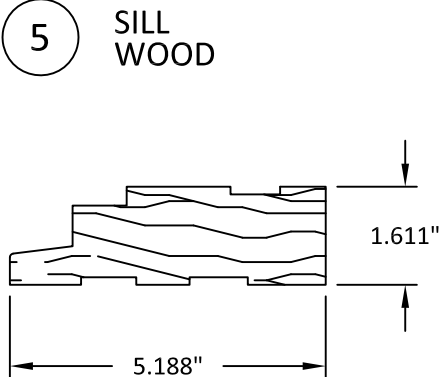
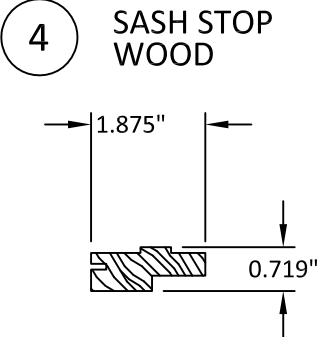
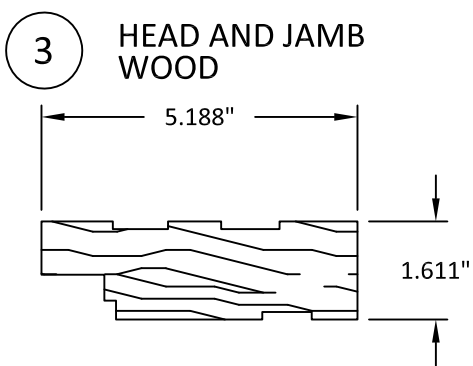
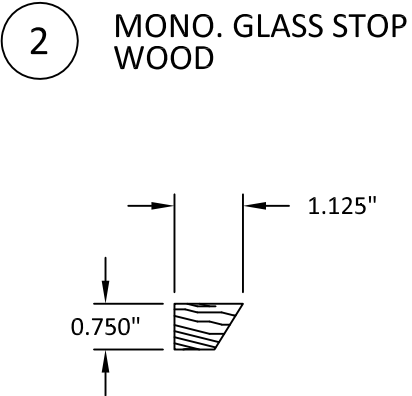
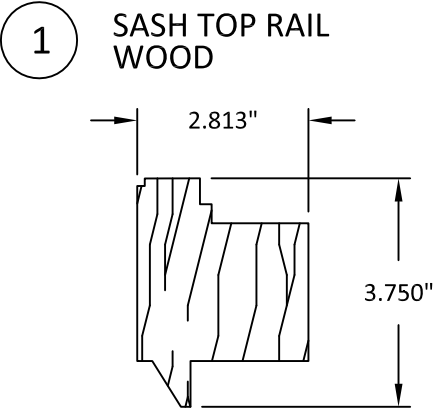
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OF 7

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s:\projects\caoba doors\fb-c-17-1005 - fbc submittal - aluminum clad revisions (windows and doors)\dwgs\114296\cab001 - mahogany fixed lite with ig.dwg

BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	MATERIAL	MANUFACTURER/NOTES
1	SASH TOP RAIL AND STILE	MAHOGANY	CAOBA DOORS
2	MONO. GLASS STOP	MAHOGANY	CAOBA DOORS
3	HEAD AND JAMB	MAHOGANY	CAOBA DOORS
4	SASH STOP	MAHOGANY	CAOBA DOORS
5	SILL	MAHOGANY	CAOBA DOORS
6	SASH BOTTOM RAIL	MAHOGANY	CAOBA DOORS
7	7/16" LAMINATED GLASS	GLASS	
8	#10 X 2.75" FH WOOD SCREW	STEEL	
9	#8 X 2.00" FH WOOD SCREW	STEEL	AT 8" O.C.
10	SG-20 SILICONE SEALANT		SIKAFLEX
11	AWT3 GLAZING TAPE		ARLON
12	MULLION	OAK WOOD	CAOBA DOORS
13	MULLION BRACKET	STEEL	CAOBA DOORS
14	1 3/16" INSULATED LAMINATED GLASS	GLASS	
15	I.G. GLASS STOP	MAHOGANY	CAOBA DOORS



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PHILADELPHIA, PA 19143

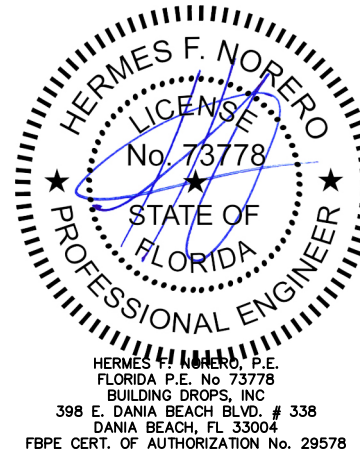
PH: (215) 525-5048 FX: (215) 747-8908

TITLE: MAHOGANY FIXED LITE COMPONENTS & BILL OF MATERIAL

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

SCALE: NTS

DWG. #: CAB001

SHEET:

7 OF 7