

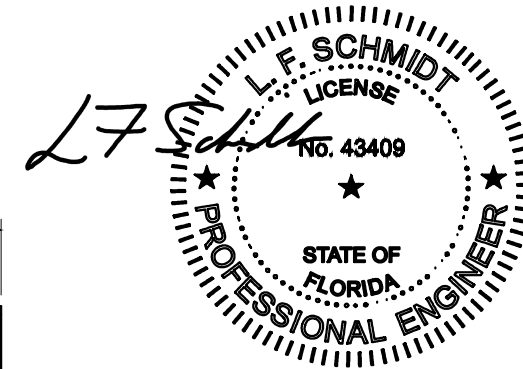
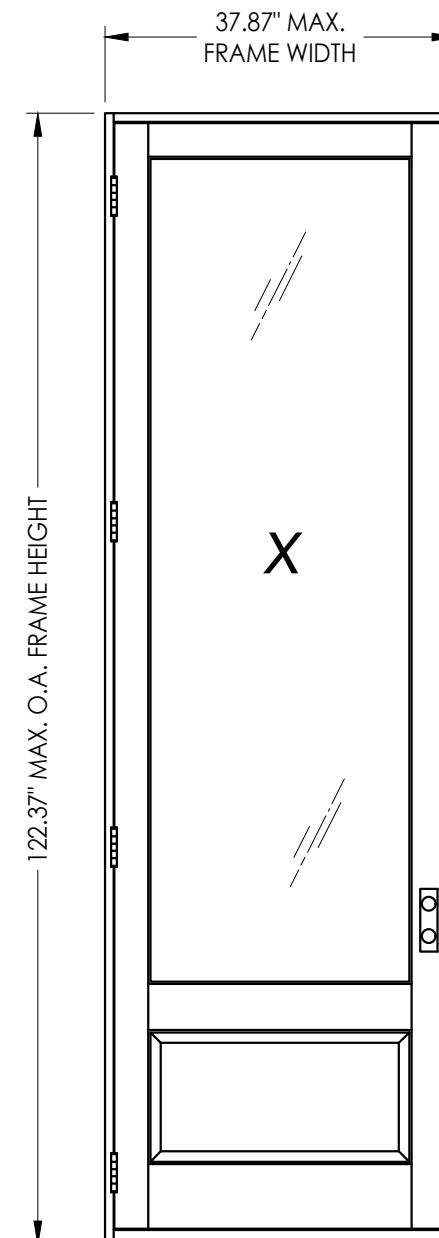
3379 EAST HWY. 46
REGISTER, GEORGIA 30452

EURO FRAME
GLAZED & OPAQUE WOOD DOORS
INSWING/OUTSWING
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone".
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Glazed Door Panel Sections and Glazing Detail
3	Opaque Door Panel Sections
4	Horizontal Cross Sections
5	Vertical Cross Sections
6	Buck and Frame Anchoring
7	Hinge and Strike Hardware Details
8	Multi-point Lock Hardware Details
9	Surface Bolt Hardware Details
10	Components
11	Bill of Materials & Components



Digitally signed by Lyndon F Schmidt
Date: 2023.10.12 08:19:50 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

LOCK TYPE	OVERALL FRAME DIMENSION	SWING	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
HOPPE HLS9000 SERIES MULTI-POINT LOCK	37.87" x 122.37"	INSWING	+55.0	-60.0
		OUTSWING	+55.0	-55.0
SURFACE BOLTS EUREKO-DECO (France or Louis V)	37.87" x 122.37"	INSWING	+55.0	-60.0

SEE SHEET 2 FOR GLAZING DETAIL DESIGN PRESSURE LIMITATIONS

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PRODUCT: GLAZED & OPAQUE WOOD DOOR	PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
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	4	10/4/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
	3	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
	2	07/11/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
	1	08/10/15	UPDATE TO 5TH ED. (2014)	FBC	LFS	
	NO.	DATE				
REVISIONS						

DATE: 6/25/12

SCALE: *N.T.S.*

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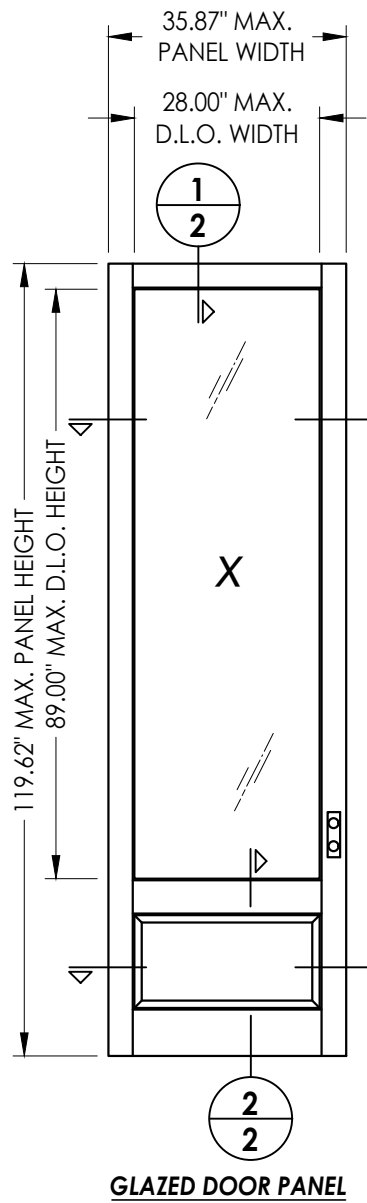
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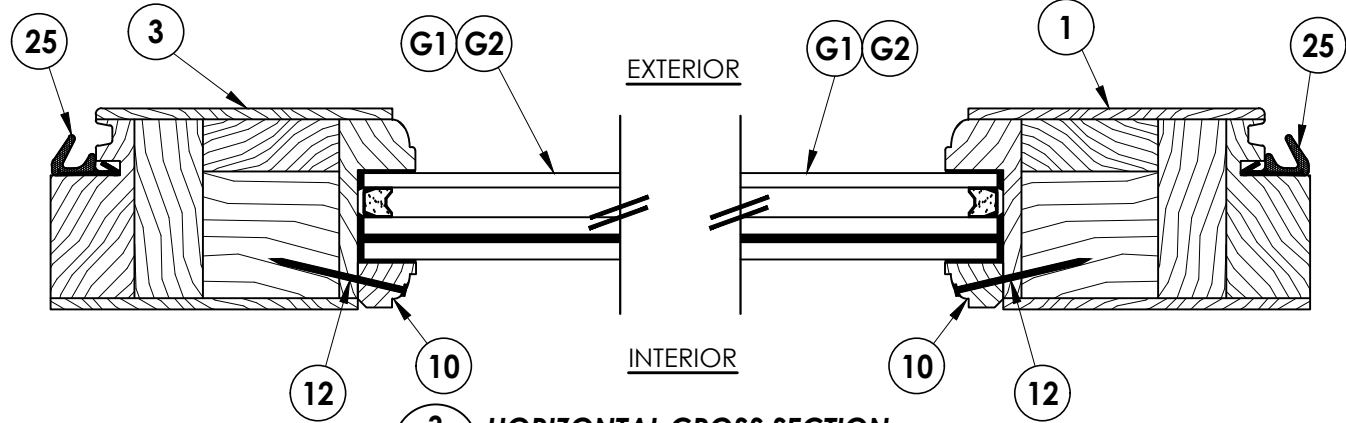
FL-15737.7

SHEET 1 OF 11

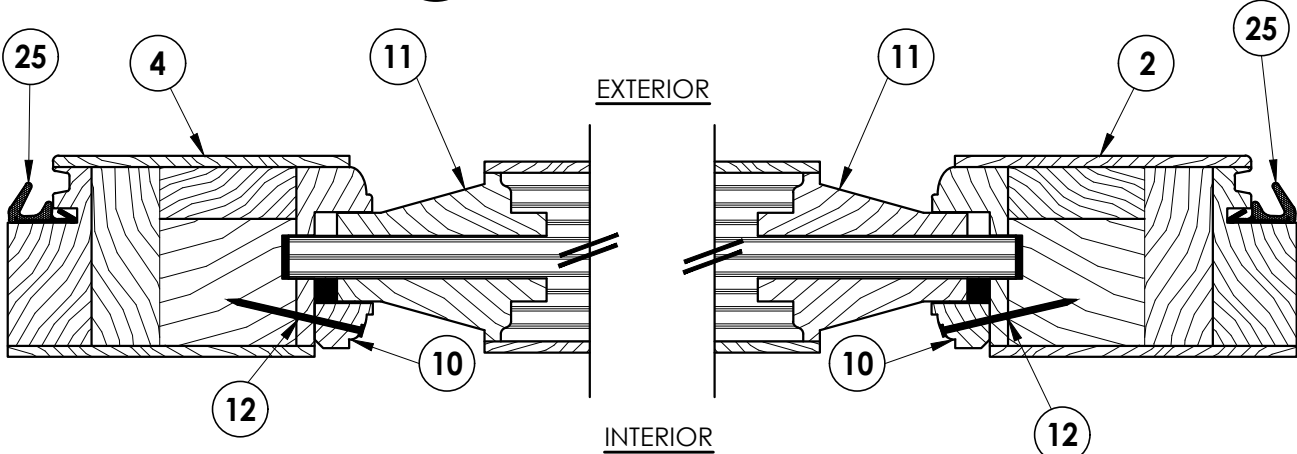
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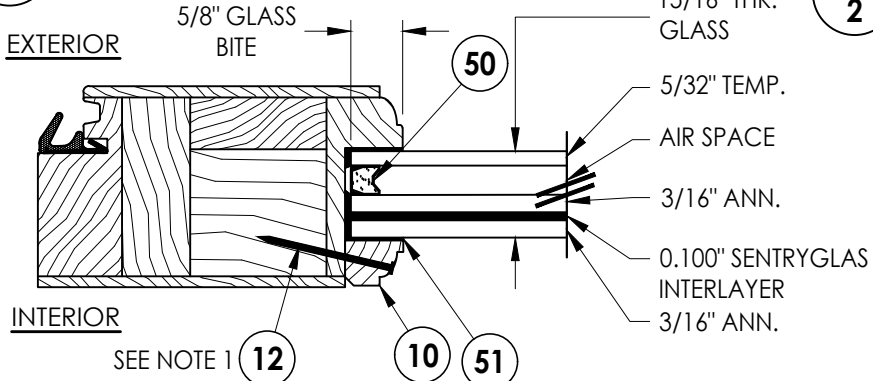
GLAZED DOOR PANEL



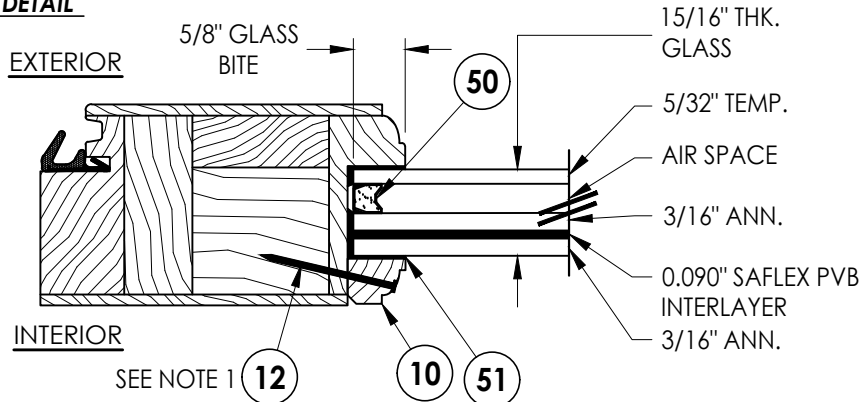
3/2 HORIZONTAL CROSS SECTION



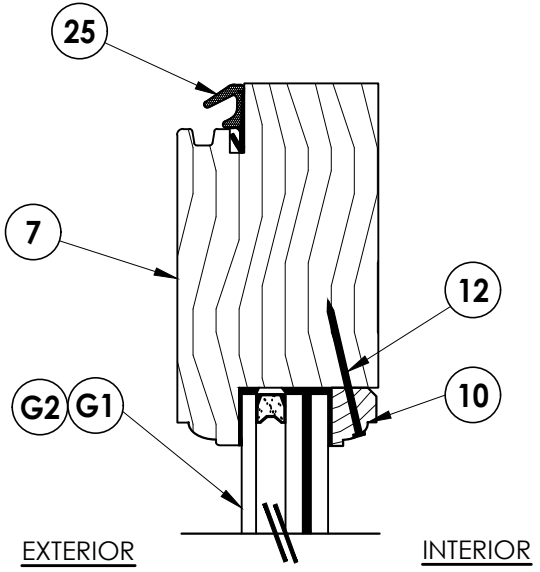
4/2 HORIZONTAL CROSS SECTION



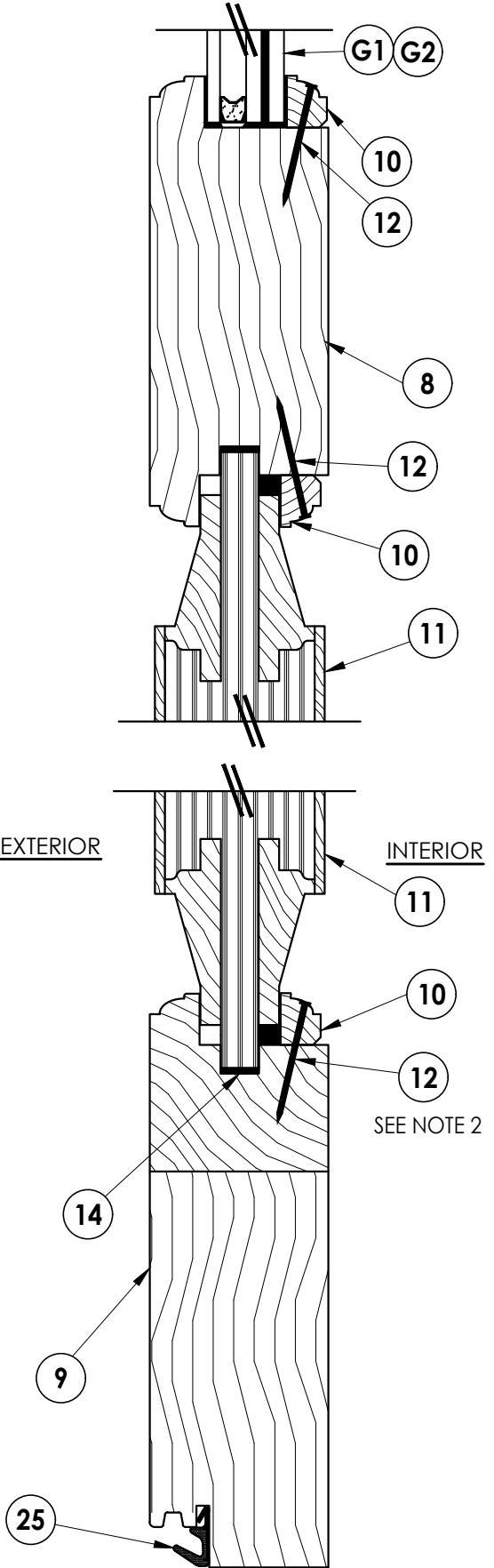
G1 GLAZING DETAIL



G2 GLAZING DETAIL
MAXIMUM DESIGN PRESSURE
INSWING +50/-60 PSF, OUTSWING +50/-50 PSF



1/2 VERTICAL CROSS SECTION



2/2 VERTICAL CROSS SECTION

NOTES

1. Glass infill stop anchorage: item #12 located typ. 2" from each corner and 7.78" max. o.c. at the stiles & 6.125" max. o.c. at the rails.
2. Panel infill stop anchorage: item #12 located typ. 2" from each corner and at the panel infill centerline at the stiles & 6.125" max. o.c. at the rails.

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FBPE Registry No. 9813

PRODUCT: EURO FRAME
GLAZED & OPAQUE
WOOD DOORS
PART OR ASSEMBLY:
GLAZED PANEL DOOR SECTIONS
AND GLAZING DETAIL

NO.	DATE	REVISIONS				
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3	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS		
2	07/11/17	UPDATE TO 6TH ED. (2017)	FBC	LFS		
1	08/10/15	UPDATE TO 5TH ED. (2014)	FBC	LFS		

DATE: 6/25/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15737.7
SHEET 2 OF 11

EXTERIOR

11

72

25

INTERIOR

5
3

HORIZONTAL CROSS SECTION

11

14

73

11

EXTERIOR

INTERIOR

4
3

HORIZONTAL CROSS SECTION

25

71

11

EXTERIOR

INTERIOR

3
3

HORIZONTAL CROSS SECTION

FIG. 10 is a cross-sectional view of a window assembly. It shows a window pane 74 mounted in a frame 11. The frame includes a top rail 5 and a bottom rail. The window pane is held in place by a gasket. The frame is shown in a cross-section with a break line indicating it continues.

4	10/4/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	9/16/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	07/11/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	08/10/15	UPDATE TO 5TH ED. (2014)	FBC	LFS	
NO.	DATE				BY
					REVISIONS

DATE: 6/25/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15737.7

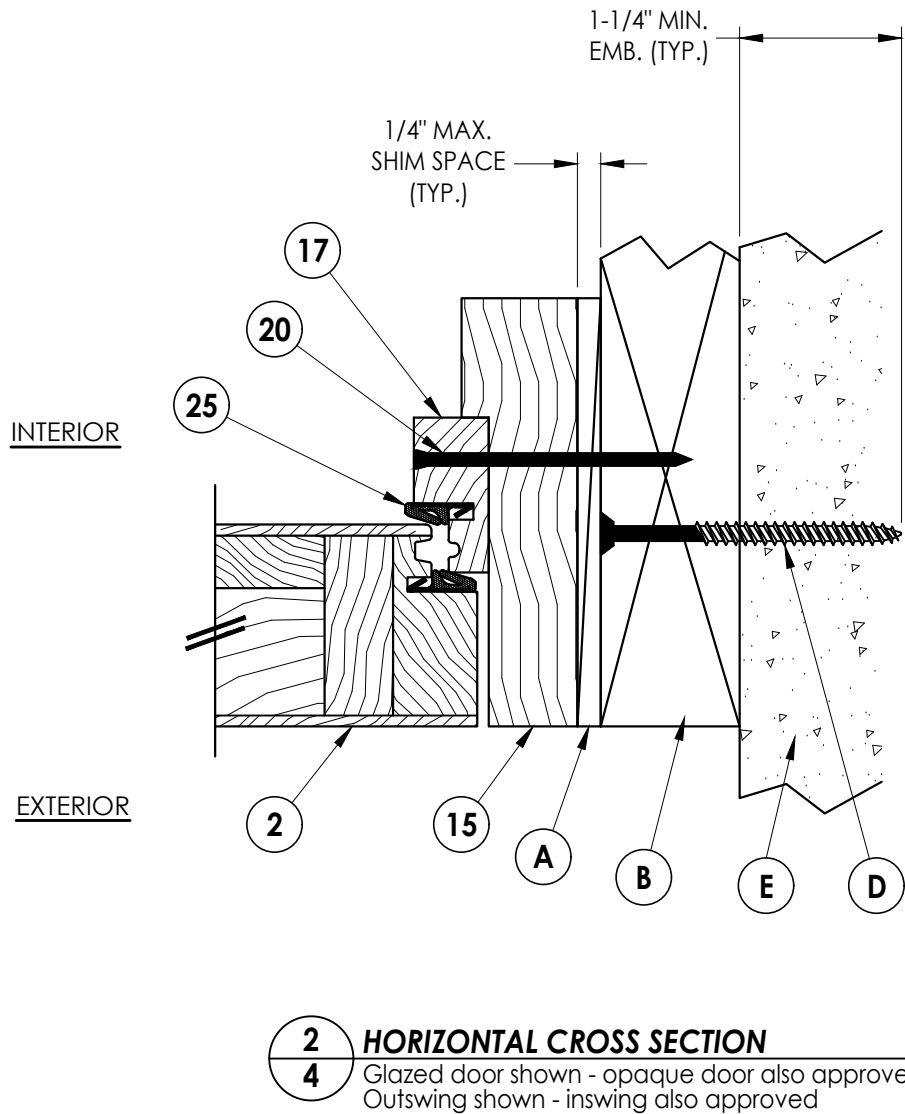
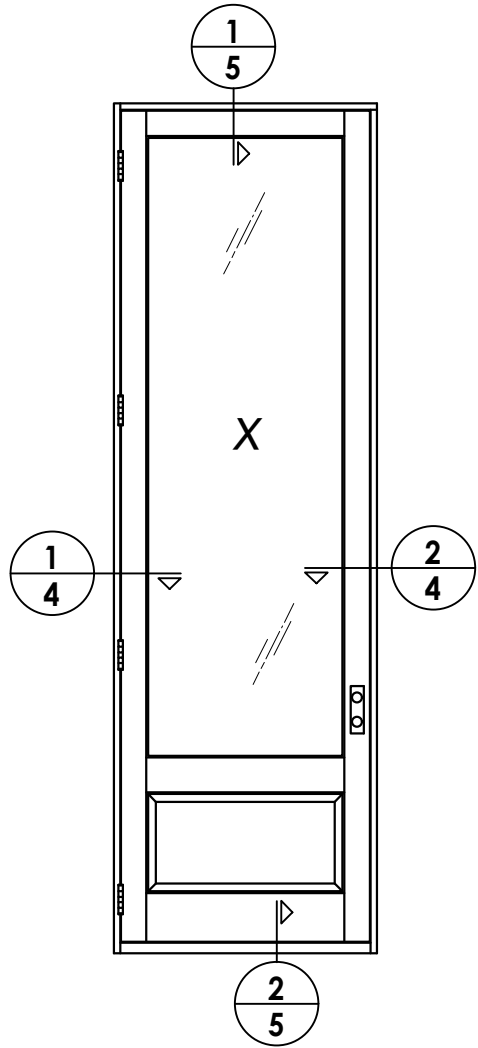
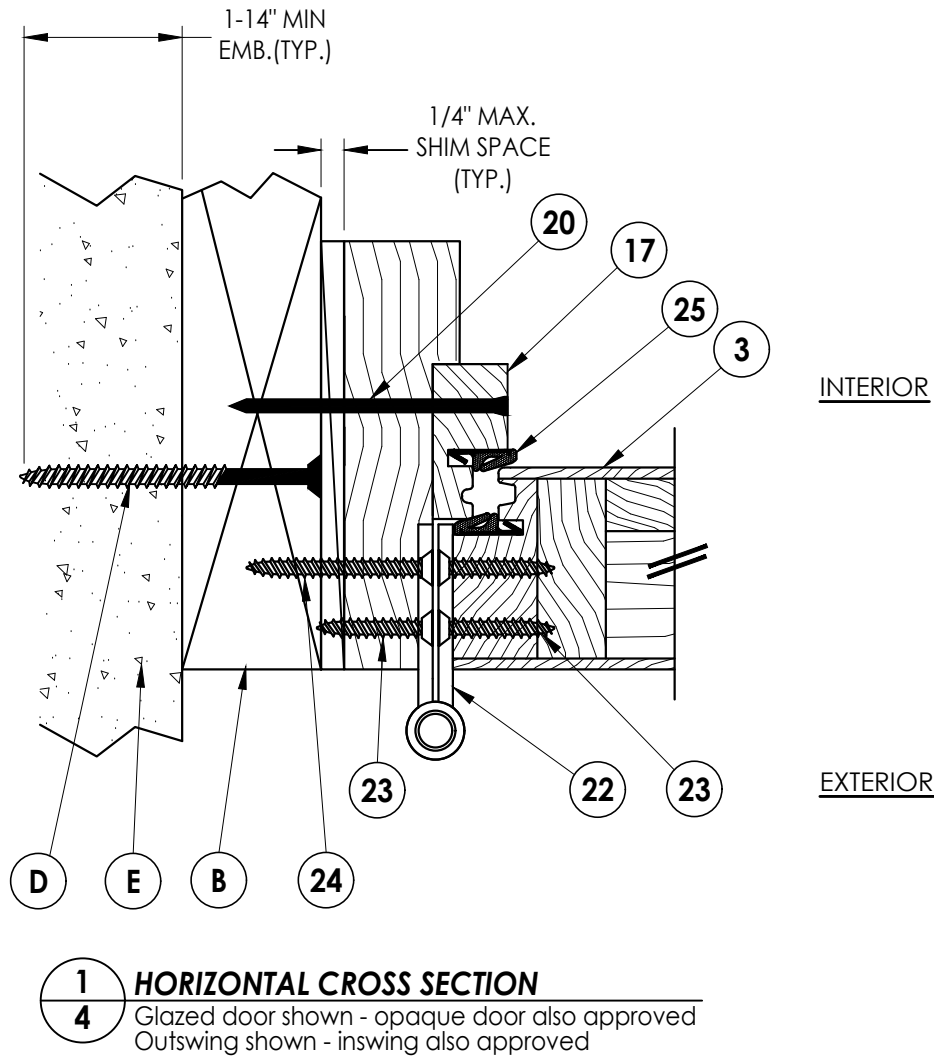
SHEET 3 OF 11

PRODUCT: EURO FRAME GLAZED & OPAQUE WOOD DOORS	PART OR ASSEMBLY: OPAQUE DOOR PANEL SECTIONS
---	---

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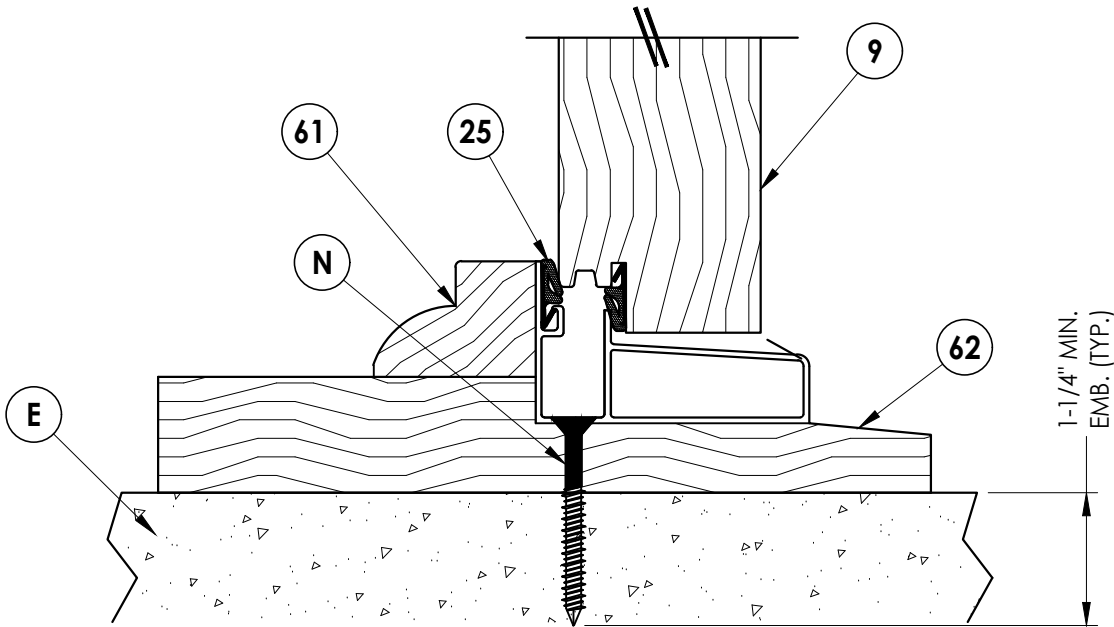
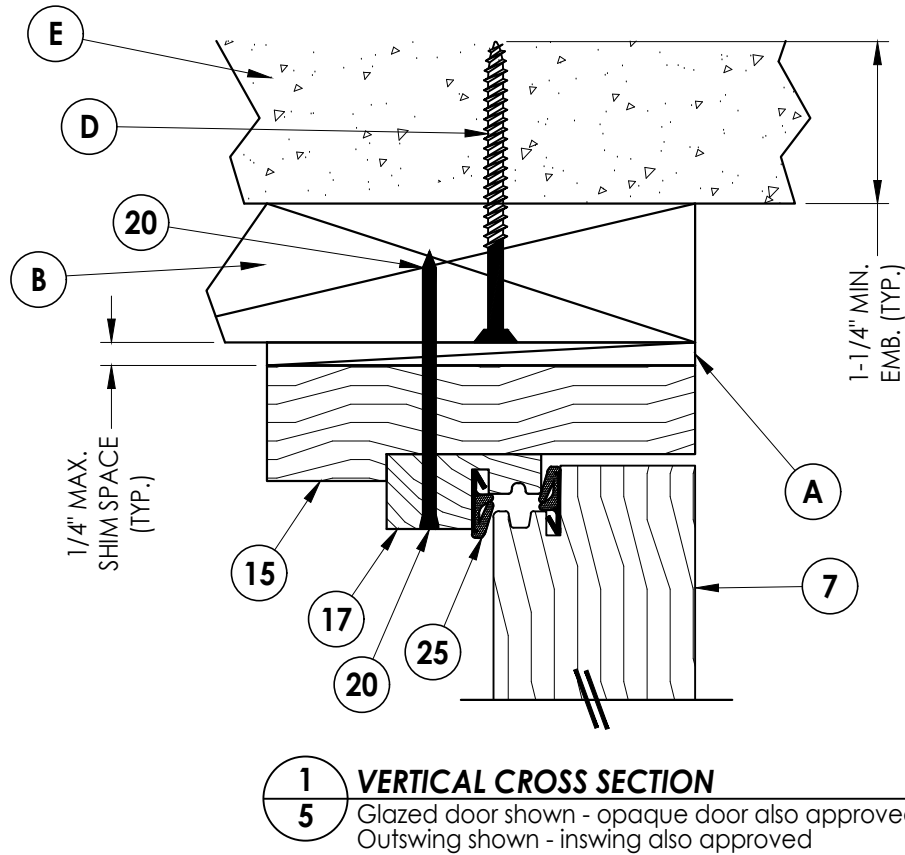
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2	07/11/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	08/10/15	UPDATE TO 5TH ED. (2014) FBC LFS

DATE:	6/25/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15737.7
SHEET	4 OF 11

PRODUCT:	EURO FRAME GLAZED & OPAQUE WOOD DOORS
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

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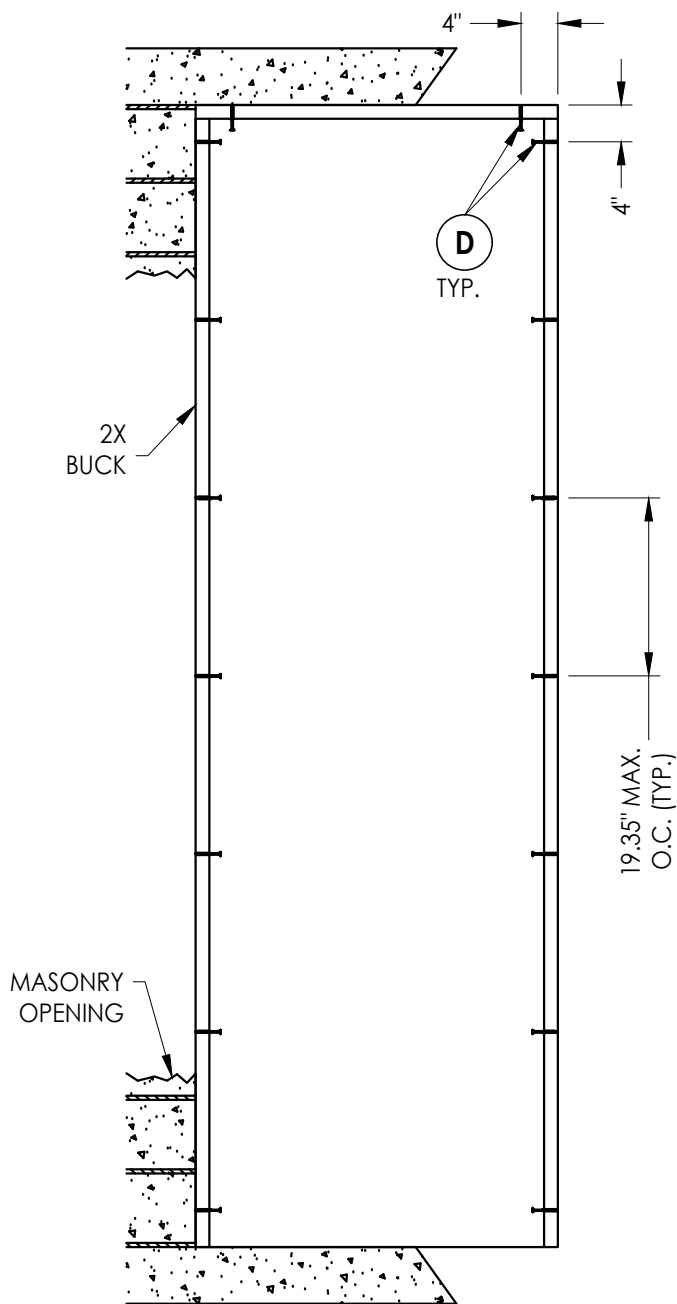
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4	10/4/23
3	9/16/20
2	07/11/17
1	08/10/15

DATE:	6/25/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15737.7
SHEET	5 OF 11

PRODUCT:	
EURO FRAME GLAZED & OPAQUE WOOD DOORS	
PART OR ASSEMBLY:	
VERTICAL CROSS SECTIONS	

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BUCK ANCHORING

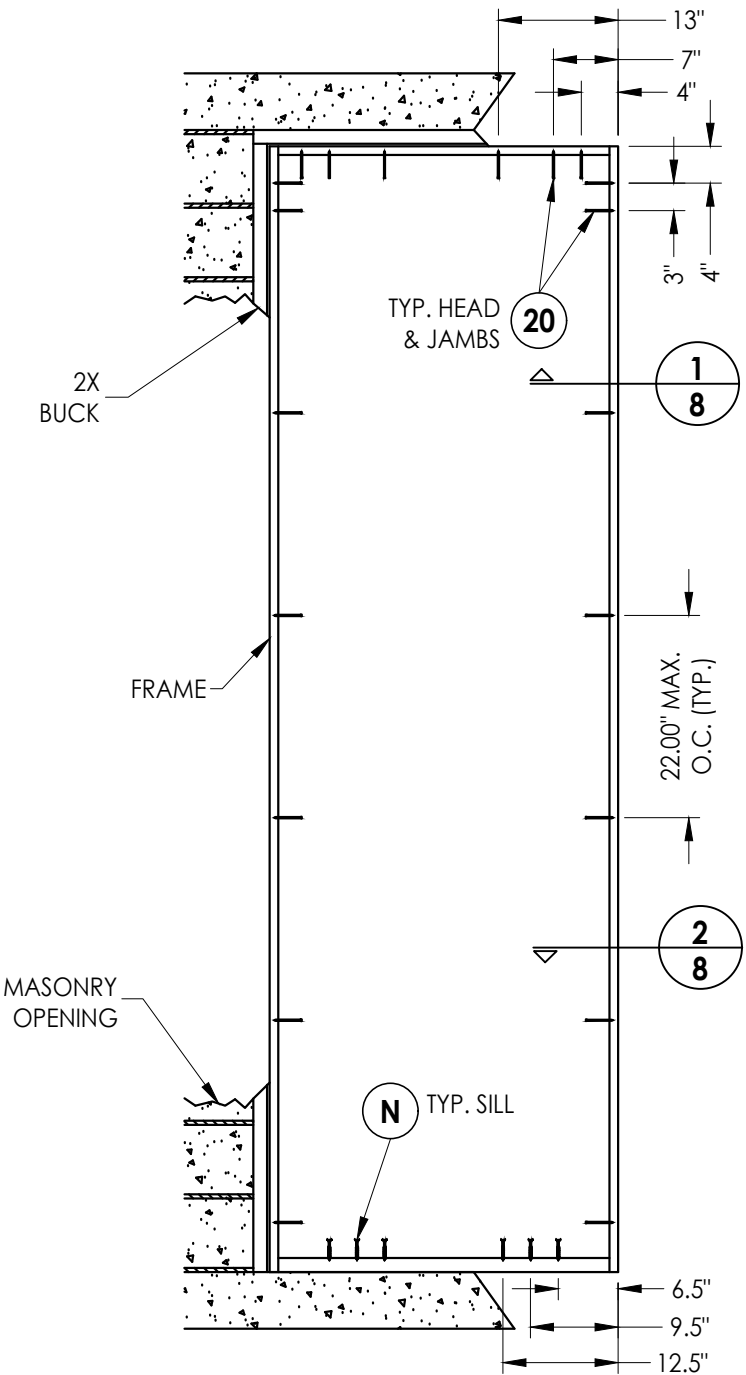
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	3"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



FRAME ANCHORING

Masonry 2X buck construction

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1	08/10/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
NO.	DATE			BY
				REVISIONS

DATE: 6/25/12

SCALE: N.T.S.

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CHK. BY: LFS

DRAWING NO.

FL-15737.7

SHEET 6 OF 11

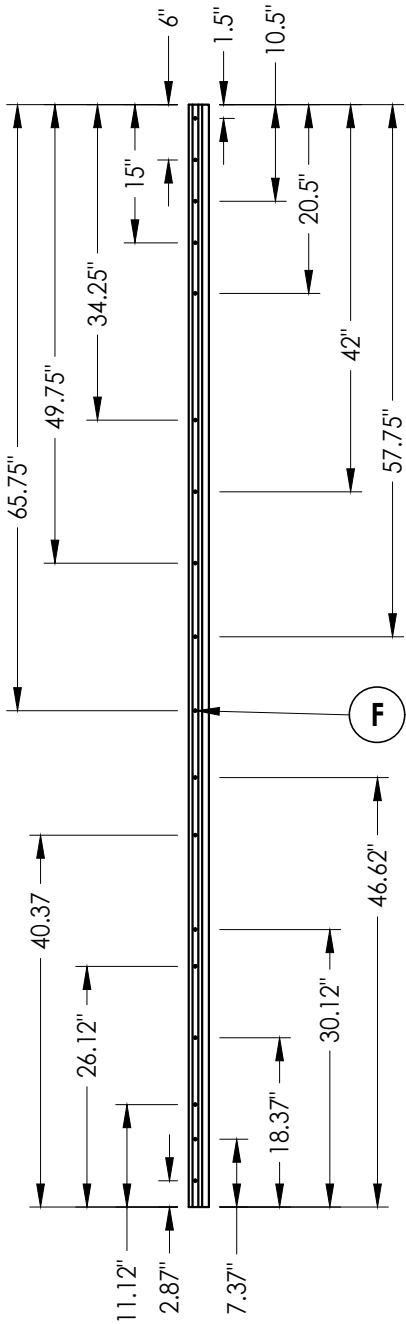
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Lyndon F. Schmidt
P.E. No. 43409

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BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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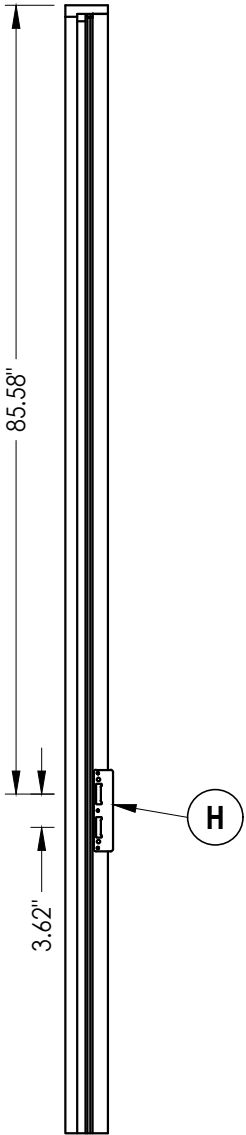
PRODUCT: EURO FRAME
GLAZED & OPAQUE
WOOD DOORS

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

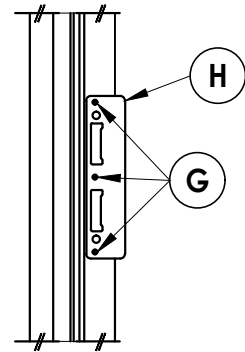
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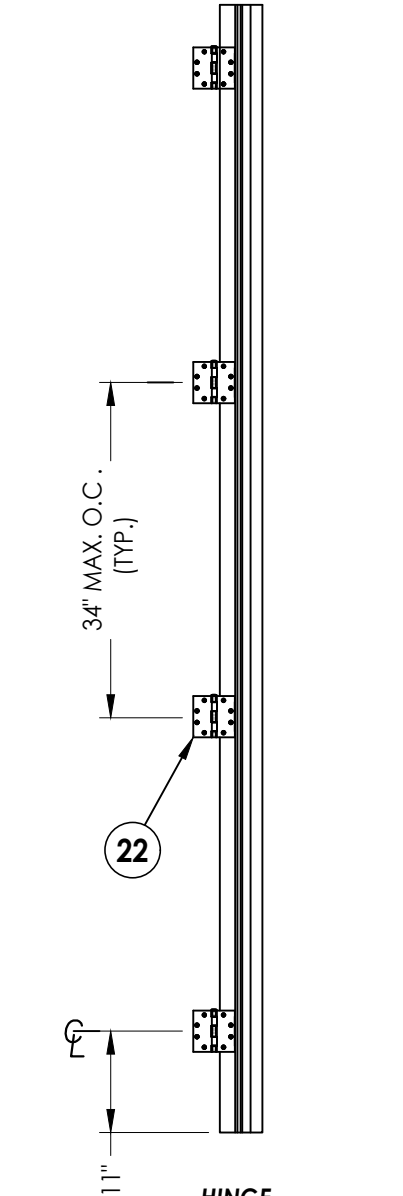
MULTI-POINT LOCK
Screw Locations



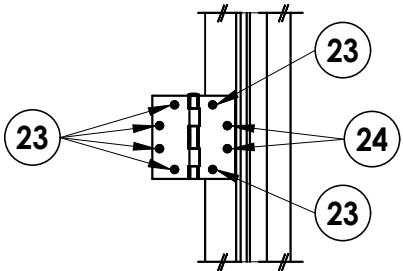
STRIKE PLATE
Location



STRIKE PLATE
Detail



HINGE
Location on
Door Panel



HINGE
Detail

DATE:	6/25/12
SCALE:	N.T.S.
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CHK. BY:	LFS
DRAWING NO.:	FL-15737.7
SHEET	7 OF 11

PRODUCT:	EURO FRAME GLAZED & OPAQUE WOOD DOORS
PART OR ASSEMBLY:	HINGE & STRIKE HARDWARE DETAILS

Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

45 **MULTI-POINT STRIKE PLATE**
 @ Head & Sill
 Single Door

Technical drawing of a mechanical assembly, likely a bracket or support structure. The drawing shows a perspective view of a rectangular block (1) with a sloped bottom surface. A horizontal plate (46) is mounted on top of the block, secured by several screws (47). A vertical plate (7) is attached to the side of the block, also secured by screws. The drawing includes break lines (//) indicating that the object is larger than shown.

[illegible]

DATE:	6/25/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15737.7
SHEET	8 OF 11

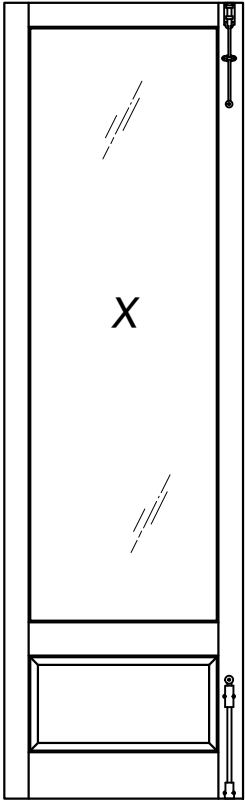
Documents Prepared By:
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P.E. No. 43409

RW BUILDING CORP.
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Phone No.:
FBPE Register

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BUILDING CONSULTANTS, INC.
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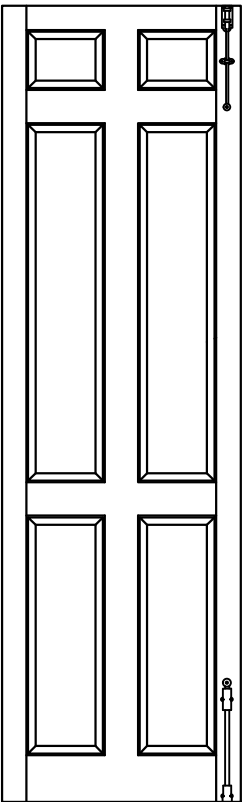
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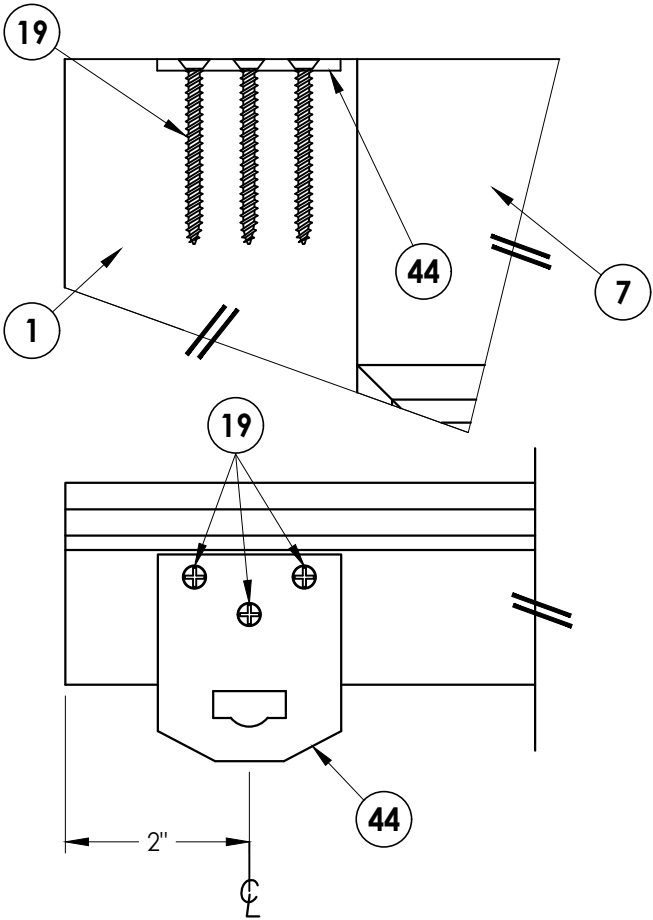
SURFACE BOLTS

When surface bolts are used,
the Hoppe multi-point lock is
not required



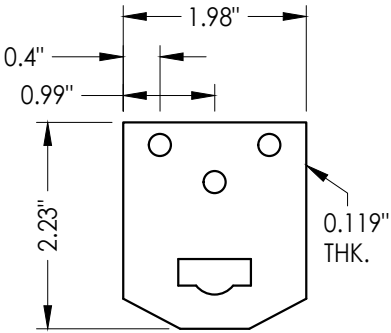
SURFACE BOLTS

When surface bolts are used,
the Hoppe multi-point lock is
not required

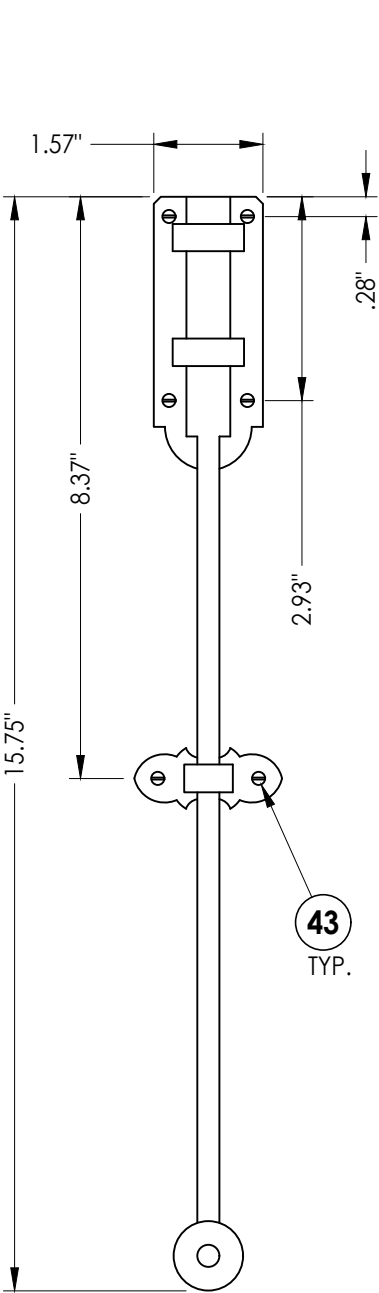


SURFACE BOLT STRIKE PLATE

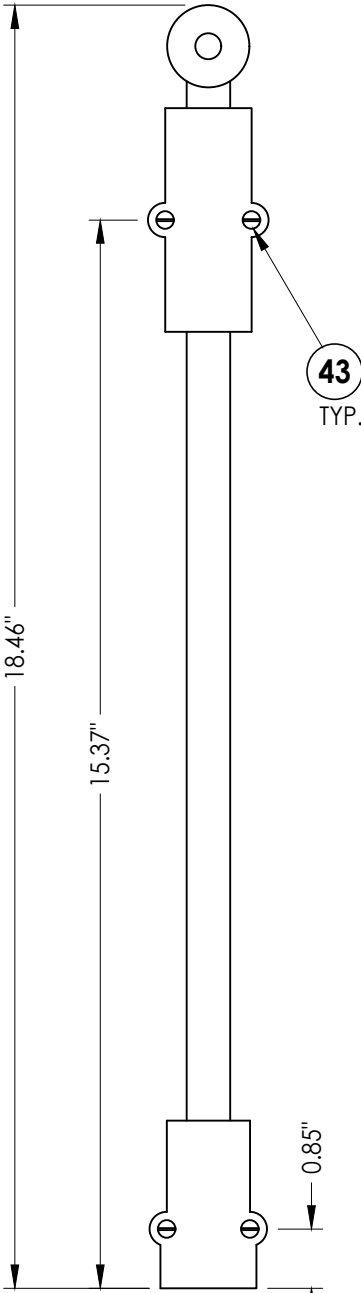
Attachment to Panel Detail
Typ. Top & Bottom
of Door panel



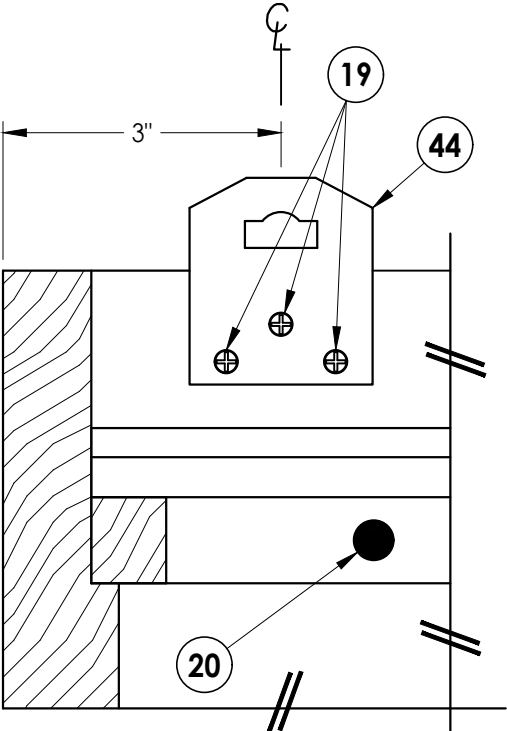
44 SURFACE BOLT STRIKE PLATE
@ Head & Sill
Typ. Panel & frame



41 EUREKO-DECO
France
Surface Bolt

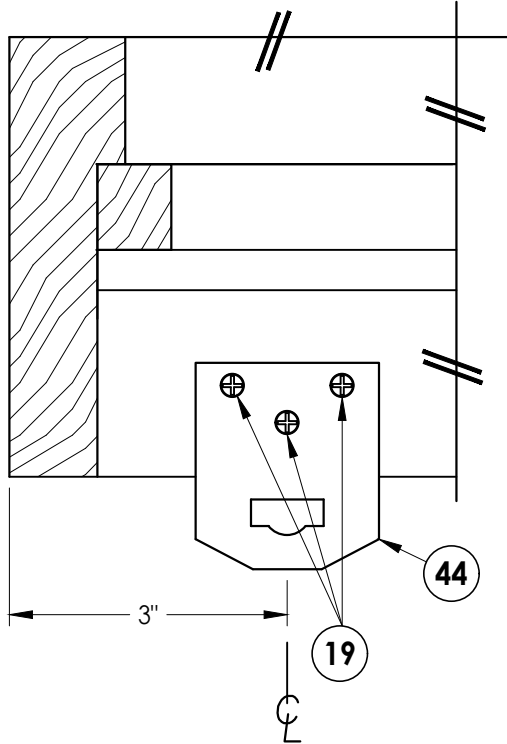


42 EUREKO-DECO
Louis V
Surface Bolt



SURFACE BOLT STRIKE DETAIL

Looking up @ Head



SURFACE BOLT STRIKE DETAIL

Looking Down @ Sill

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PRODUCT: EURO FRAME
GLAZED & OPAQUE
WOOD DOORS

PART OR ASSEMBLY:
SURFACE BOLT
HARDWARE DETAILS

NO.	DATE	REVISIONS
4	10/4/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	9/16/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	07/11/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	08/10/15	UPDATE TO 5TH ED. (2014) FBC LFS

DATE: 6/25/12

SCALE: N.T.S.

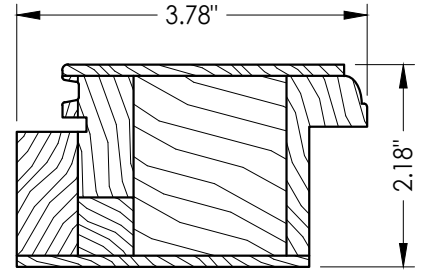
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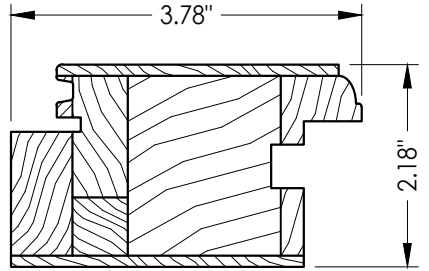
DRAWING NO.: FL-15737.7

SHEET 9 OF 11

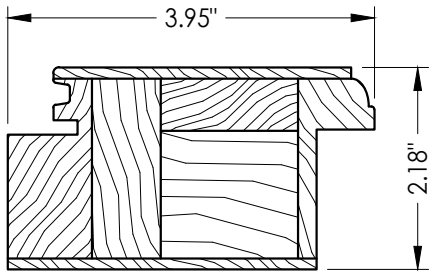
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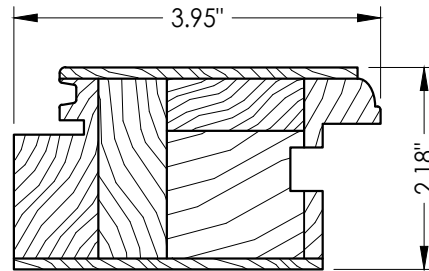
1 **LATCH STILE**
For Glazed Door
Glass Infil



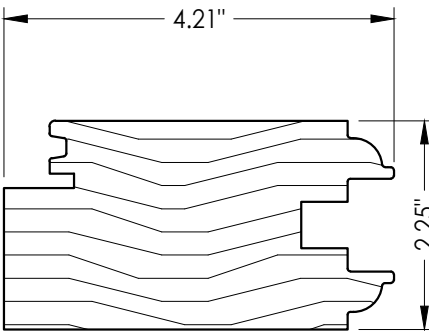
2 **LATCH STILE**
For Glazed Door
Panel Infil



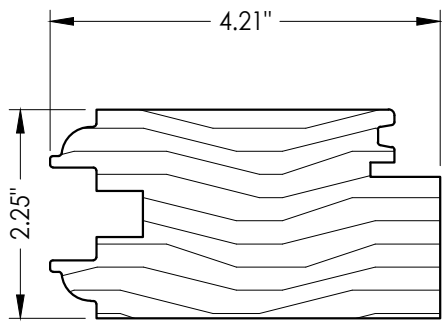
3 **HINGE STILE**
For Glazed Door
Glass Infil



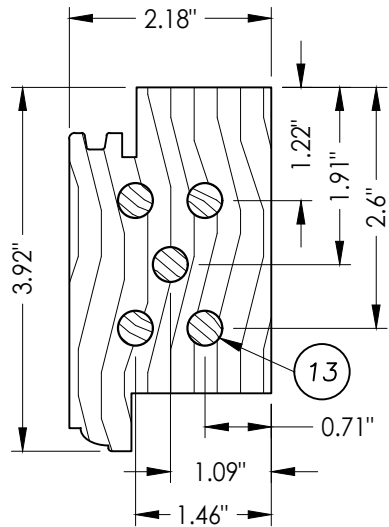
4 **HINGE STILE**
For Glazed Door
Panel Infil



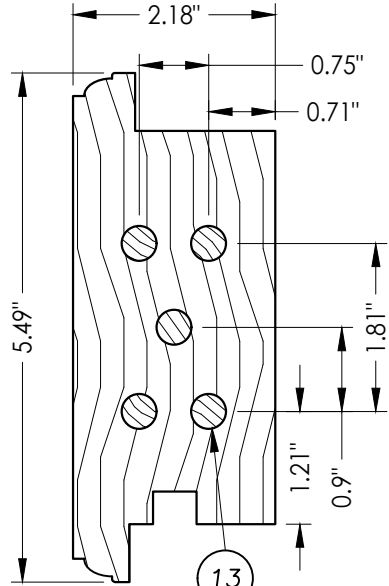
71 **LATCH STILE**
Opaque Door



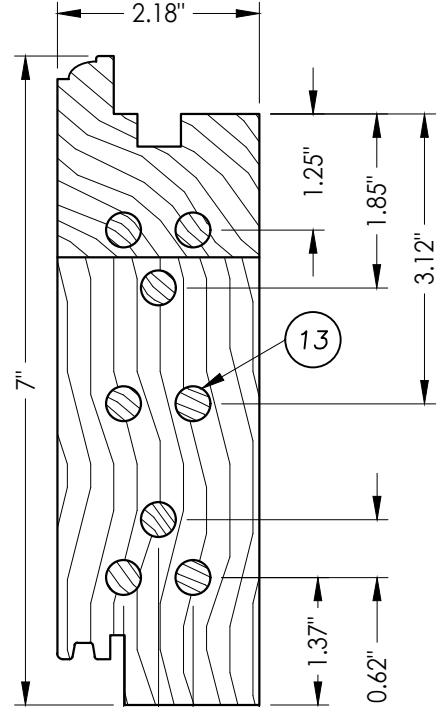
72 **HINGE STILE**
Opaque Door



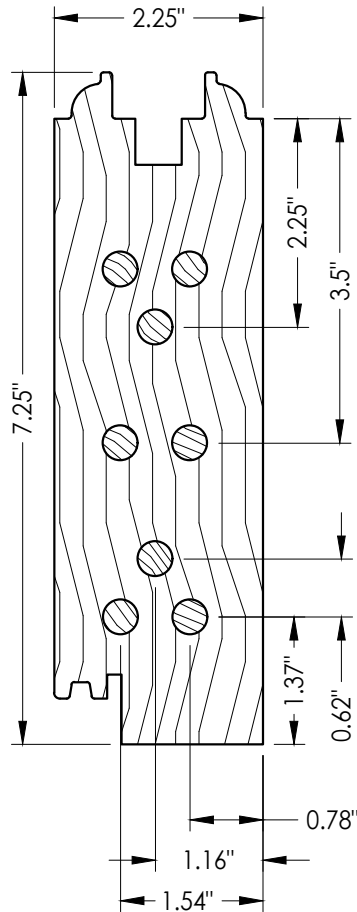
7 **TOP RAIL**
Glazed Door



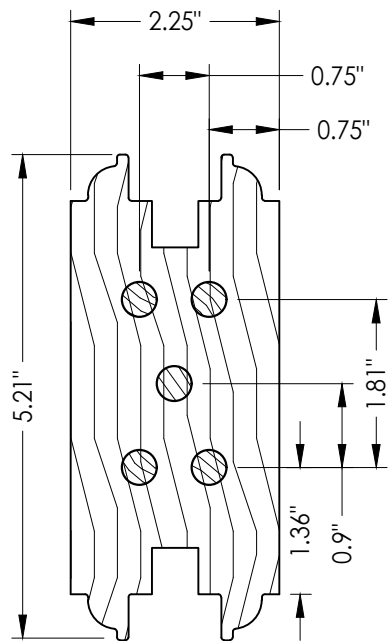
8 **MID RAIL**
Glazed Door



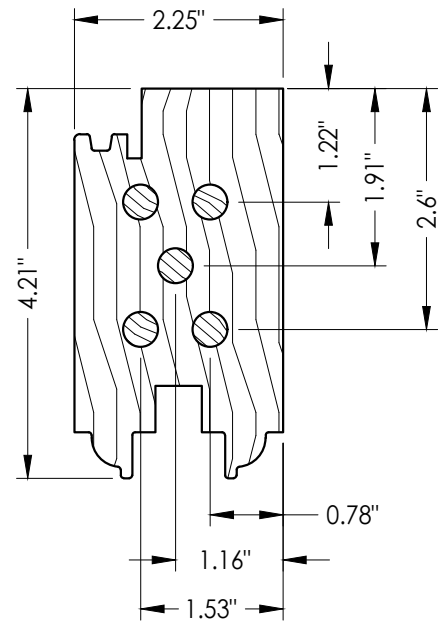
9 **BOTTOM RAIL**
Glazed Door



75 **BOTTOM RAIL**
Opaque Door



73 **MID RAIL**
Opaque Door



74 **TOP RAIL**
Opaque Door

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FBPE Registry No. 9813

PRODUCT: **EURO FRAME
GLAZED & OPAQUE
WOOD DOORS**

PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	REVISIONS
4	10/4/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	9/16/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	07/11/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	08/10/15	UPDATE TO 5TH ED. (2014) FBC LFS

DATE: 6/25/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

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FL-15737.7

SHEET 10 OF 11

