

OPAQUE FIBERGLASS SINGLE DOOR w/ SIDELITE(S)

**OUTSWING
"IMPACT"**

EVALUATED FOR USE IN THE STATE OF TEXAS

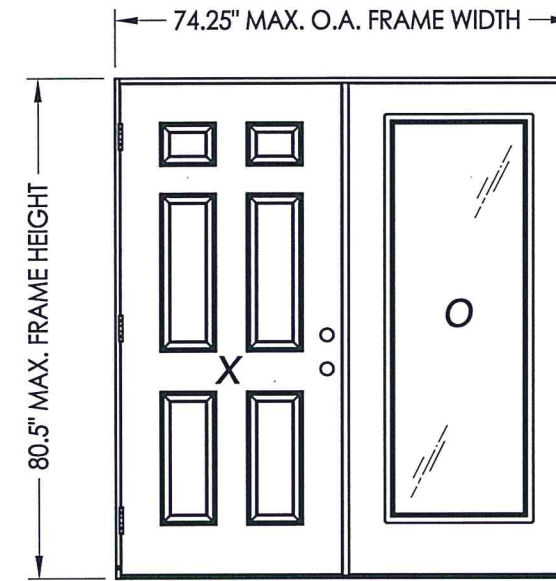
DR-272

The Fiberglass Door system described herein complies with the 2018 International Residential Code (IRC), Sections R301 & R609 and the 2018 International Building Code (IBC), Sections 1404.13, 1609, 1709.5, 2403 and 2404 subject to the following conditions:

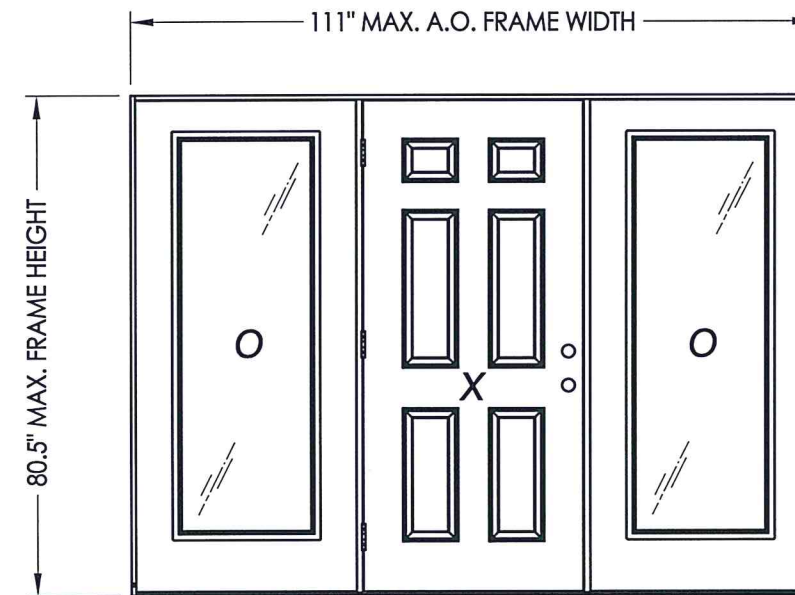
1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. This system has been tested and evaluated as a large missile impact protective system for installation in areas requiring wind-borne debris protection. This product meets missile level "D" as defined in ASTM E 1996.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Sidelite panel details and glazing details
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Vertical cross sections
8	Frame anchoring (OX/XO)
9	Frame anchoring (OXO)
10	Components
11	Bill of materials

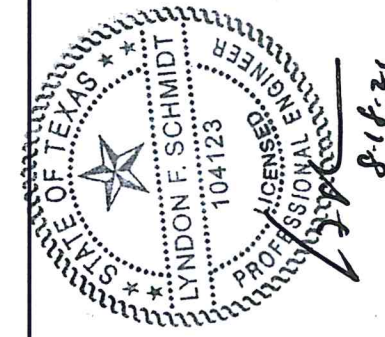


CONTINUOUS HEADER AND SILL



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
OX/XO	74.25" x 80.5"	+ 55.0	- 55.0
OXO	111.0" x 80.5"	+ 55.0	- 55.0



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P.O. Box 230 Valrico FL 33595
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS
1	8/17/21	LFS	UPDATE TO 2018 IBC/IRC

DATE: 5/10/12

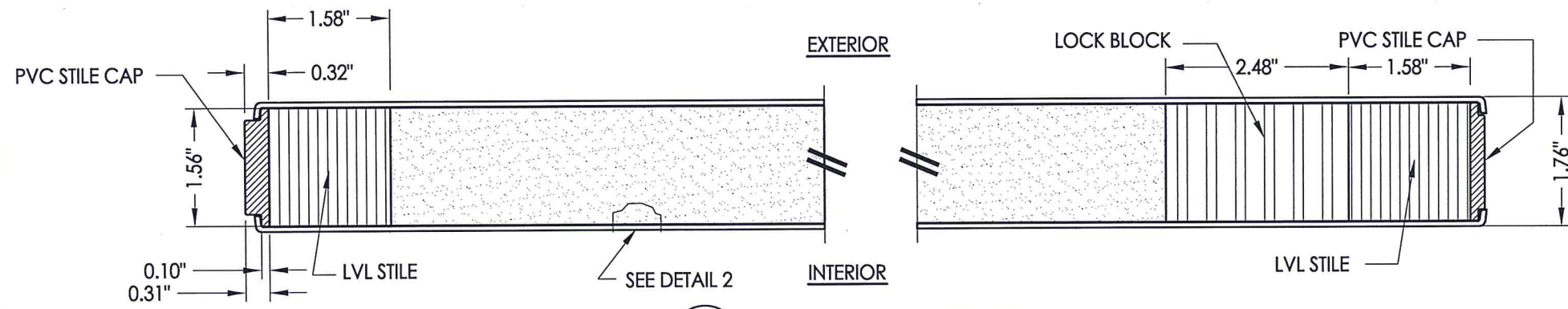
SCALE: N.T.S.

DWG. BY: JK

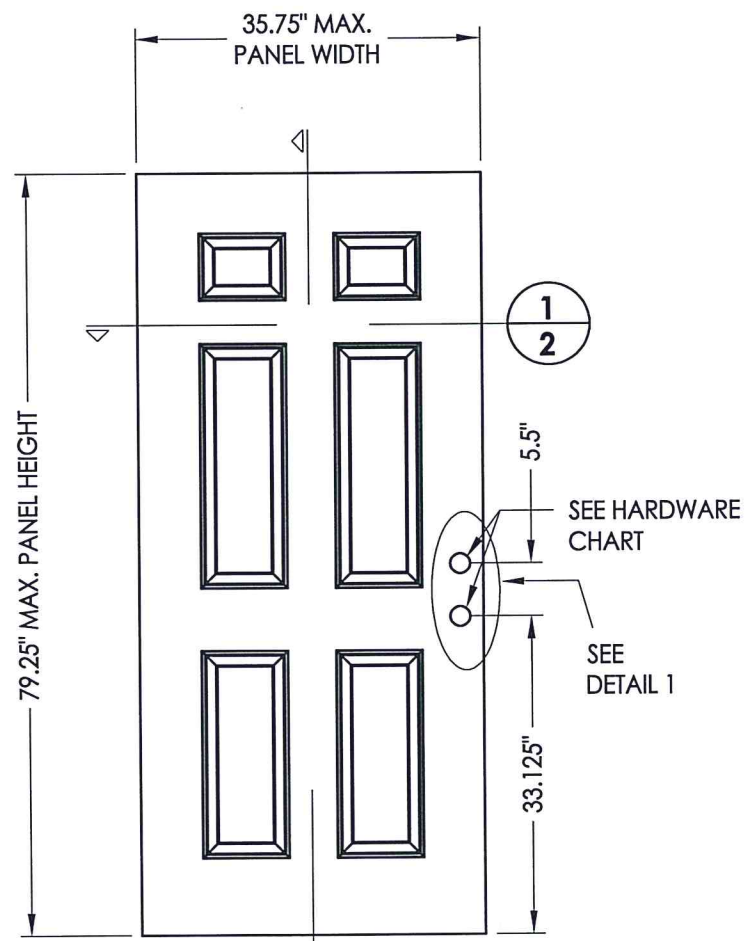
CHK. BY: LFS

DRAWING NO.: TX-4151

SHEET 1 OF 11

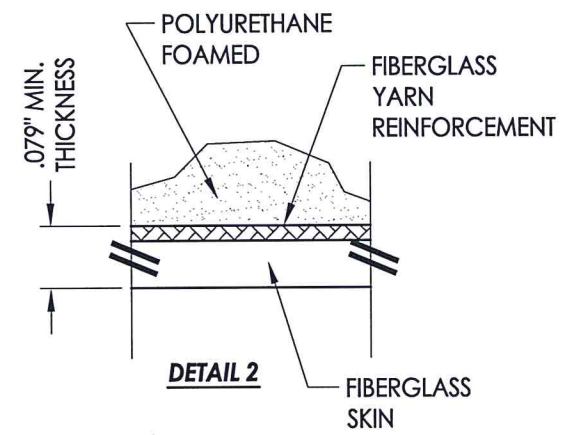


1
2 **HORIZONTAL CROSS SECTION**

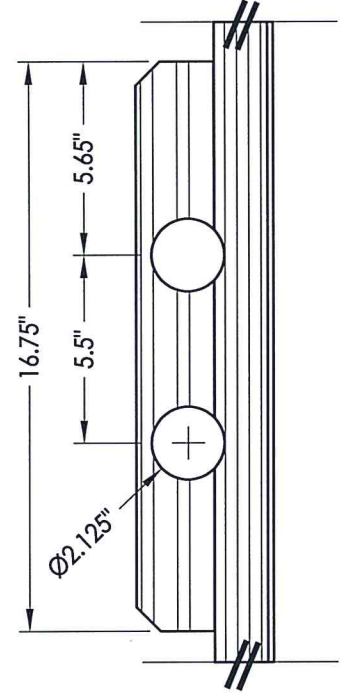


40 **OPAQUE DOOR**

DOOR SKIN: 0.079\"/>

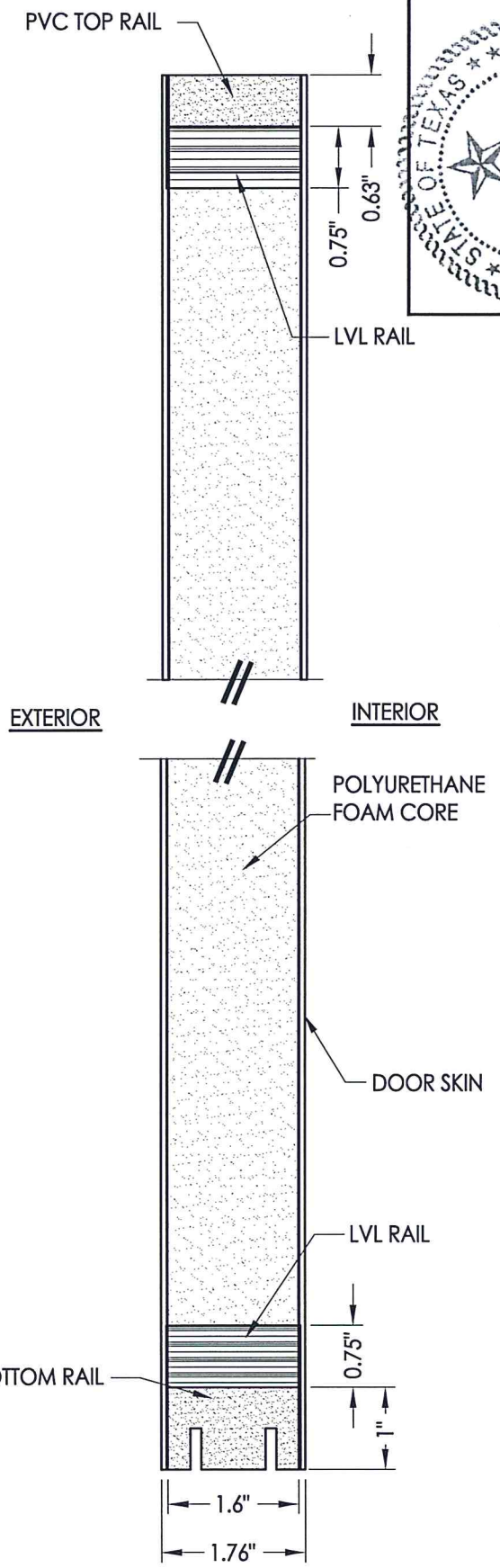


DETAIL 2

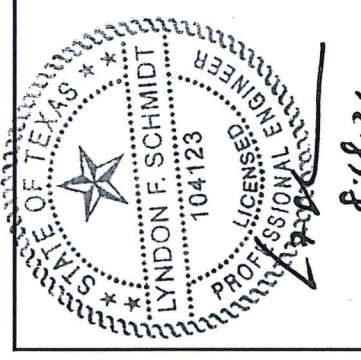


DETAIL 1

HARDWARE CHART	
MANUFACTURER	MODEL
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)
KWIKSET	KNOB: KWIKSET SERIES (660) DEADBOLT: KWIKSET SERIES (660)



2
2 **VERTICAL CROSS SECTION**

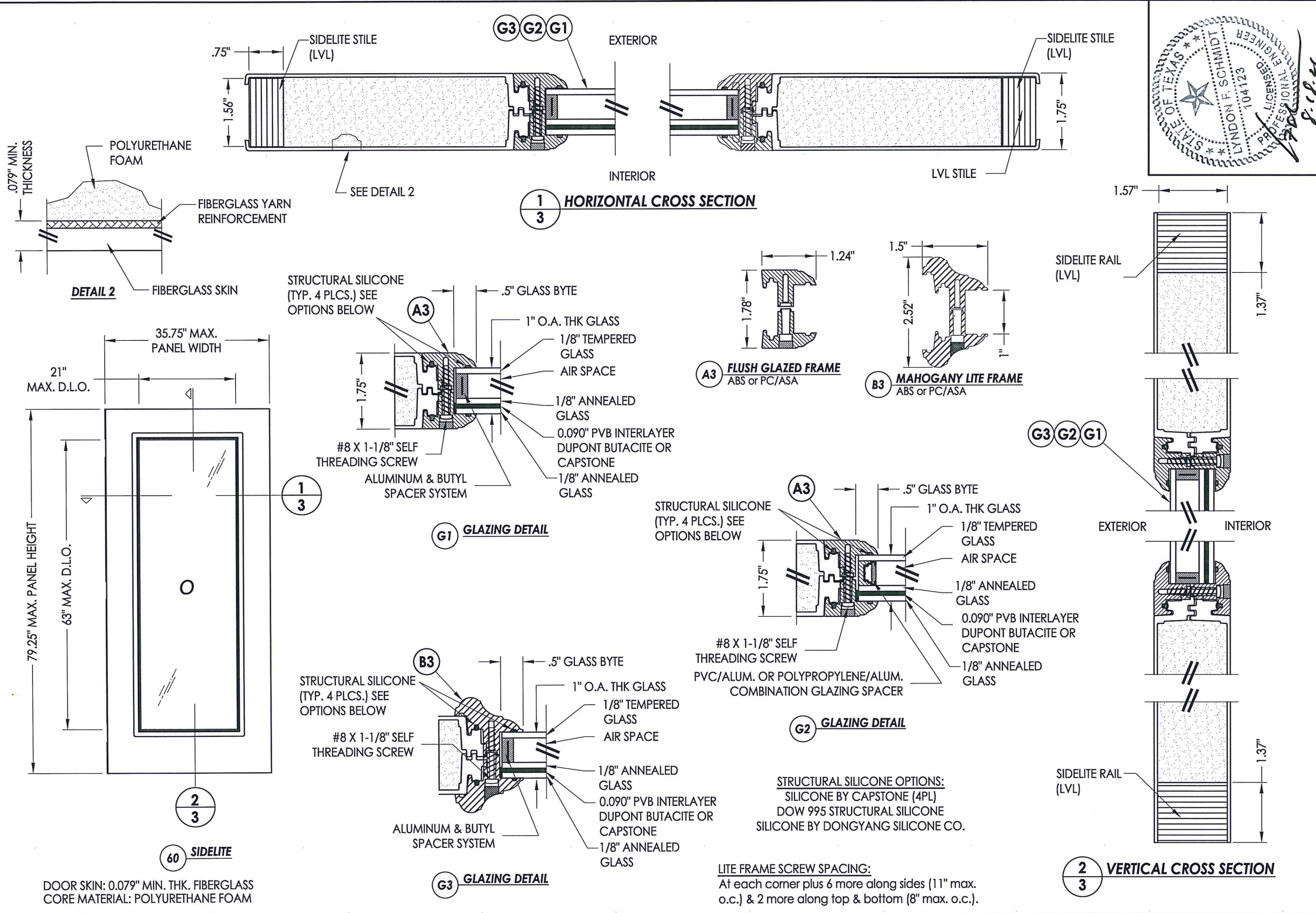


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PRODUCT:	TRINITY GLASS INT'L	
PART OR ASSEMBLY:	DOOR PANEL DETAILS	
NO.	DATE	BY
1	8/17/21	LFS
REVISIONS		
DATE:	5/10/12	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4151	
SHEET	2 OF 11	



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PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY: SIDELITE PANEL
DETAILS AND GLAZING DETAILS

NO.	DATE	BY	REVISIONS
1	8/17/21	LFS	UPDATE TO 2018 IBC/IRC

DATE: 5/10/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: TX-4151

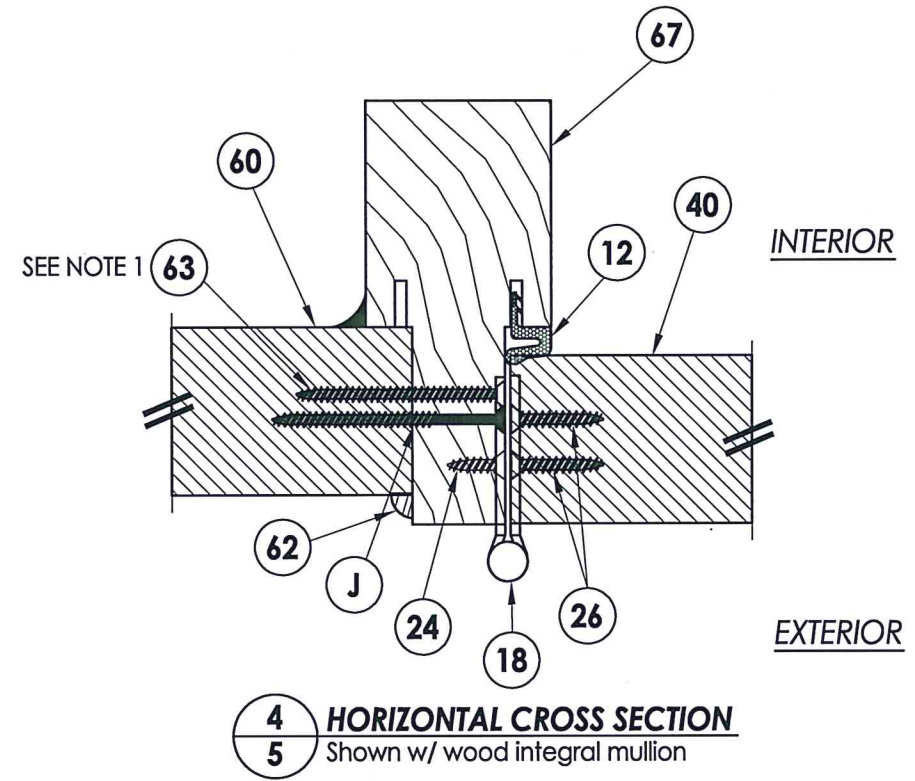
SHEET 3 OF 11



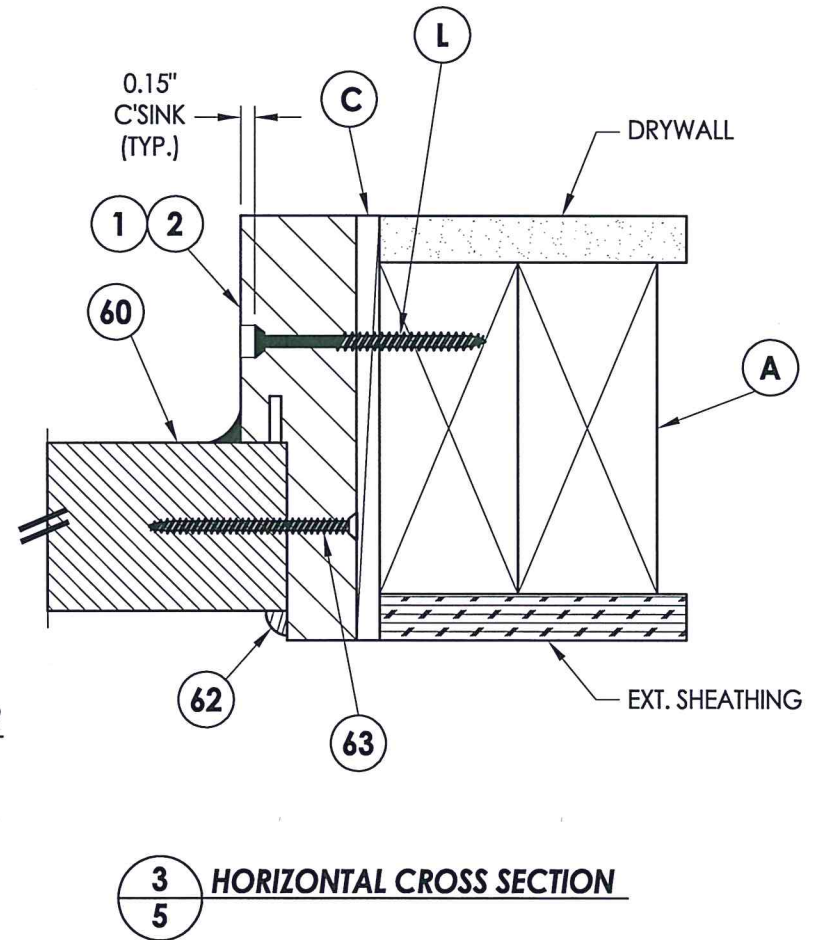
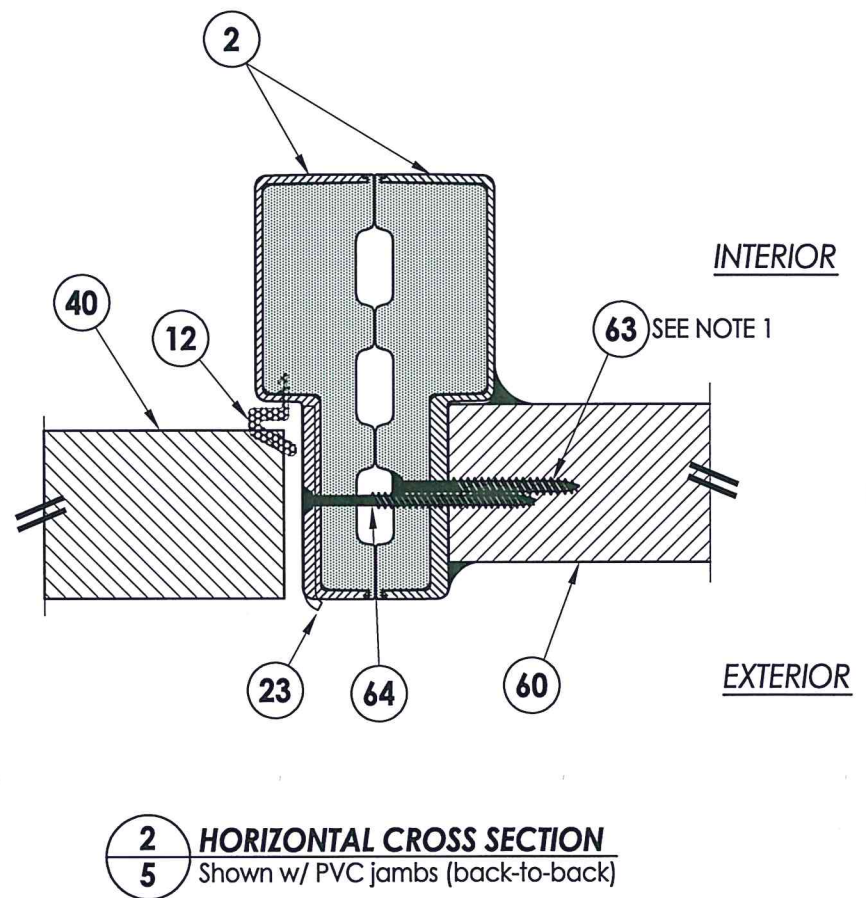
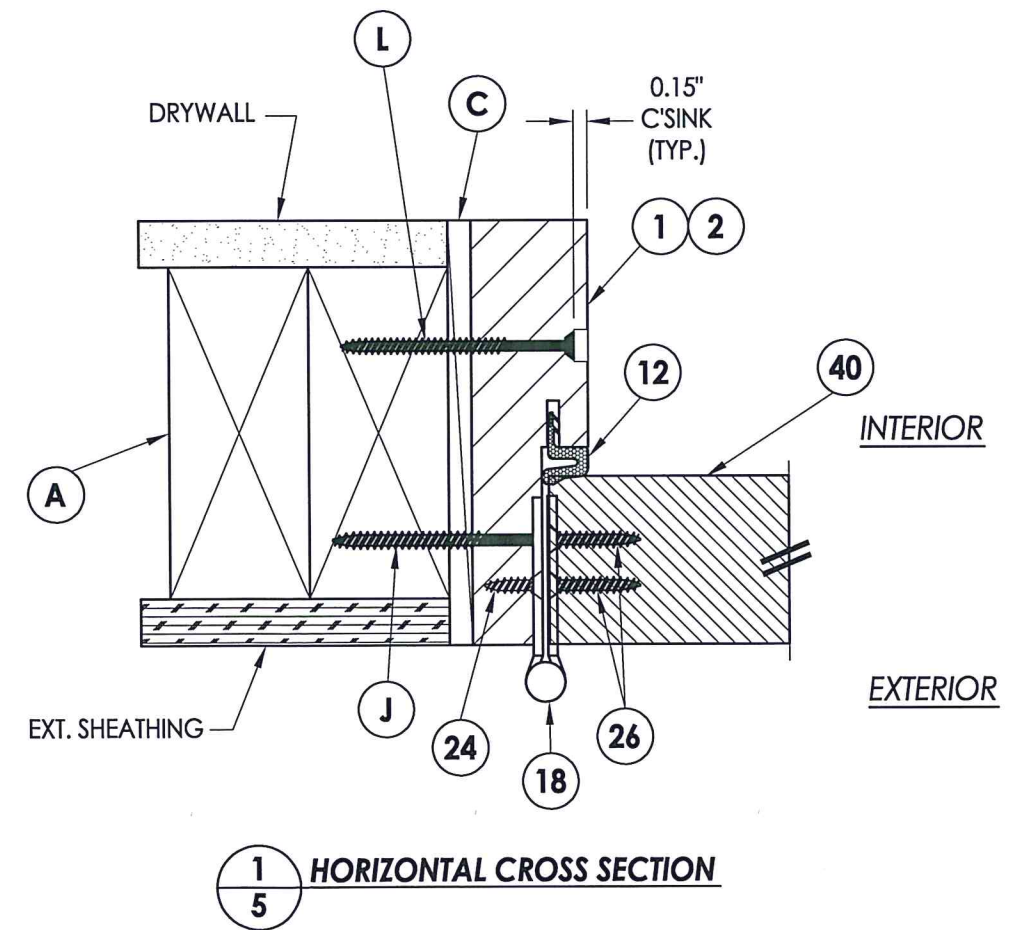
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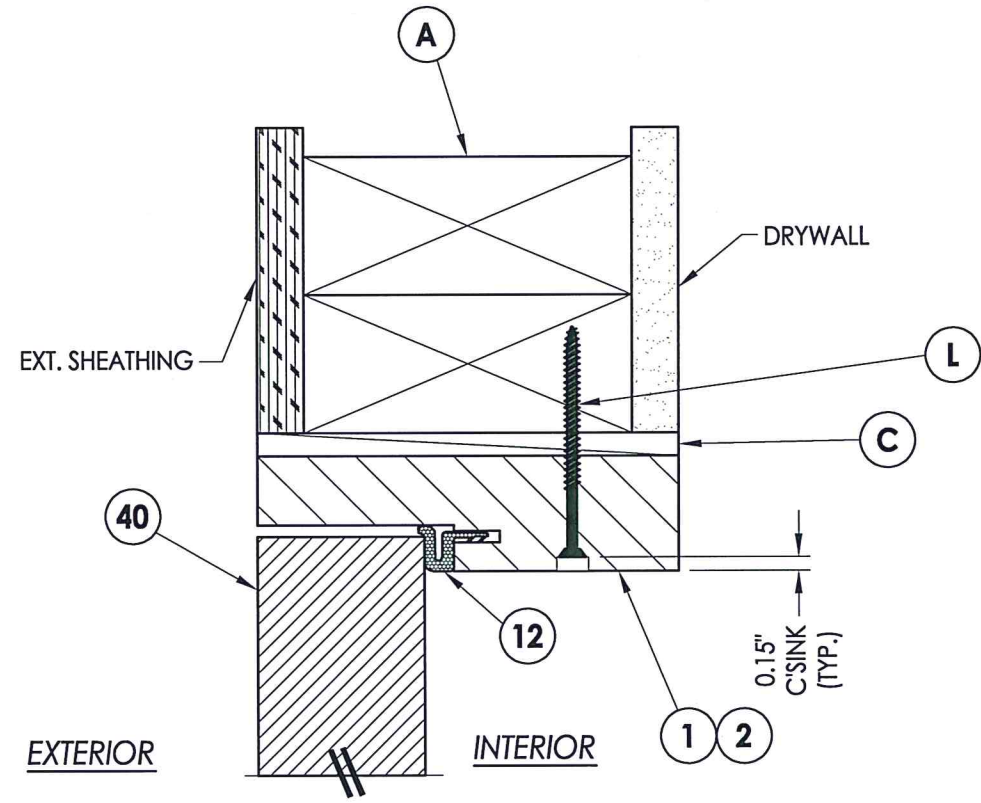
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852



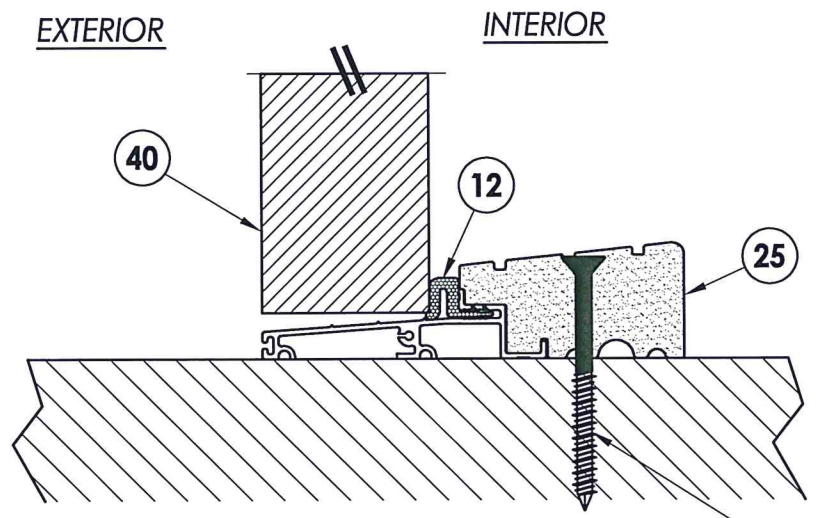
NOTE:
1. Item #63 located 6" from each end and 3 more equally spaced (5 total).



PRODUCT:	TRINITY GLASS INT'L	
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS	
NO.	DATE	BY
1	8/17/21	LFS
UPDATE TO 2018 IBC/IRC		
REVISIONS		
DATE:	5/10/12	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4151	
SHEET	5	OF 11

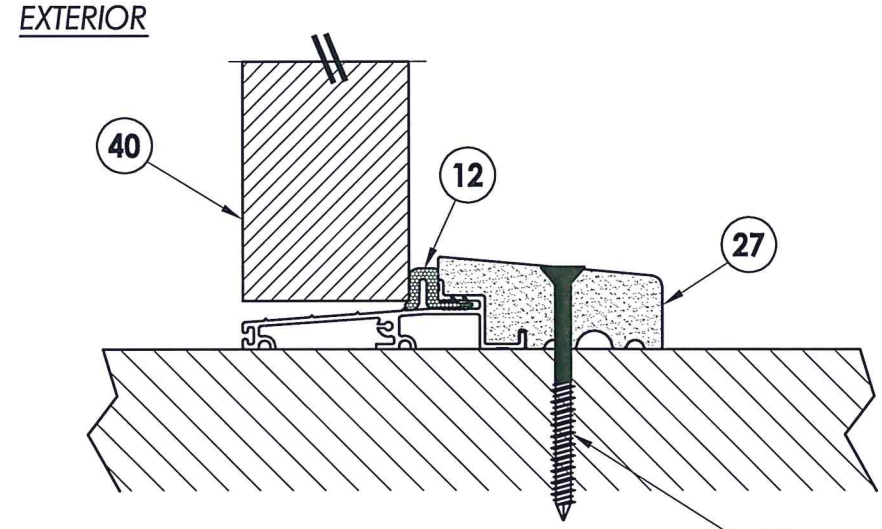


1
6 VERTICAL CROSS SECTION



2
6 VERTICAL CROSS SECTION
Outswing sill - high dam

P WOOD
D CONCRETE



3
6 VERTICAL CROSS SECTION
Outswing sill

P WOOD
D CONCRETE



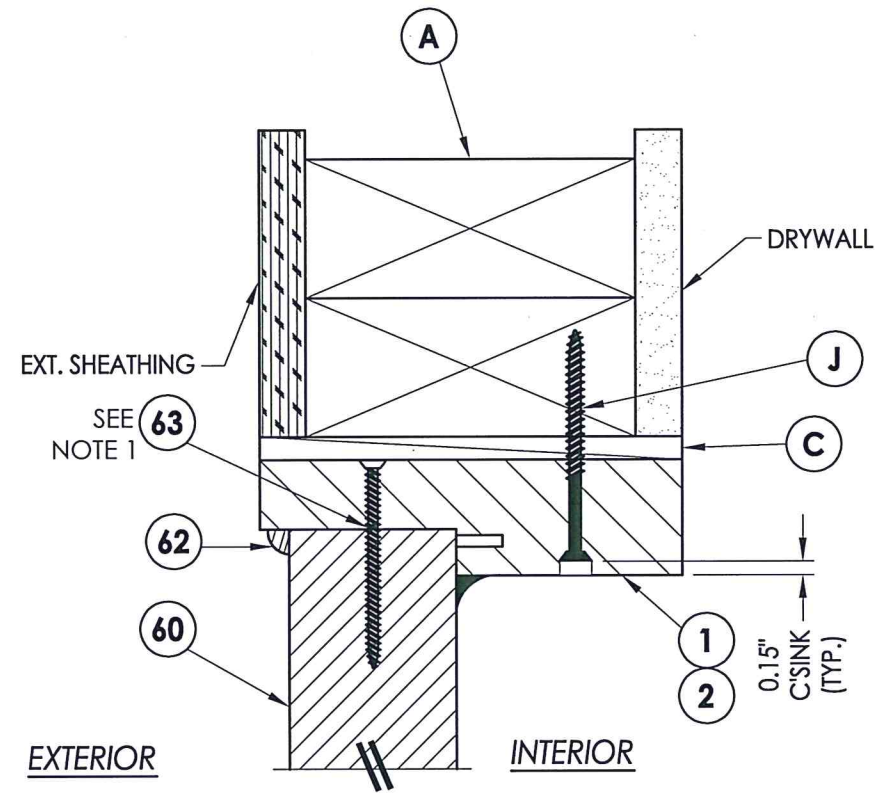
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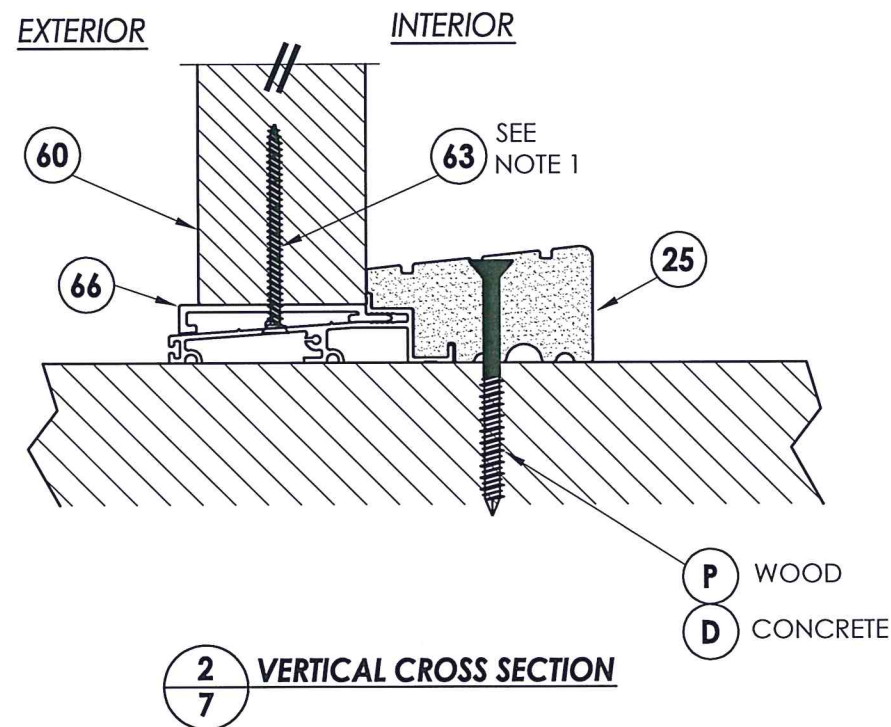
PRODUCT:	TRINITY GLASS INT'L
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS
1	8/17/21	LFS	UPDATE TO 2018 IBC/IRC

DATE:	5/10/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4151
SHEET	6 OF 11



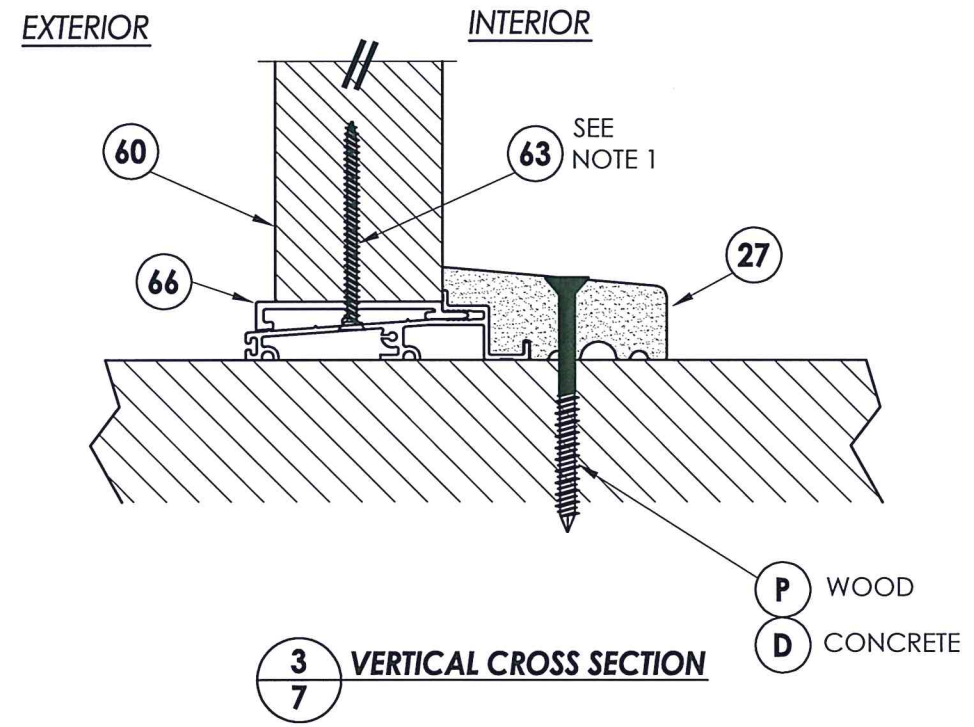
1
7 VERTICAL CROSS SECTION



2
7 VERTICAL CROSS SECTION

NOTE:

1. Screws thru head and sill jamb located 3" from each end and on center line.



3
7 VERTICAL CROSS SECTION



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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY
1	8/17/21	UPDATE TO 2018 IBC/IRC	LFS

DATE: 5/10/12

SCALE: N.T.S.

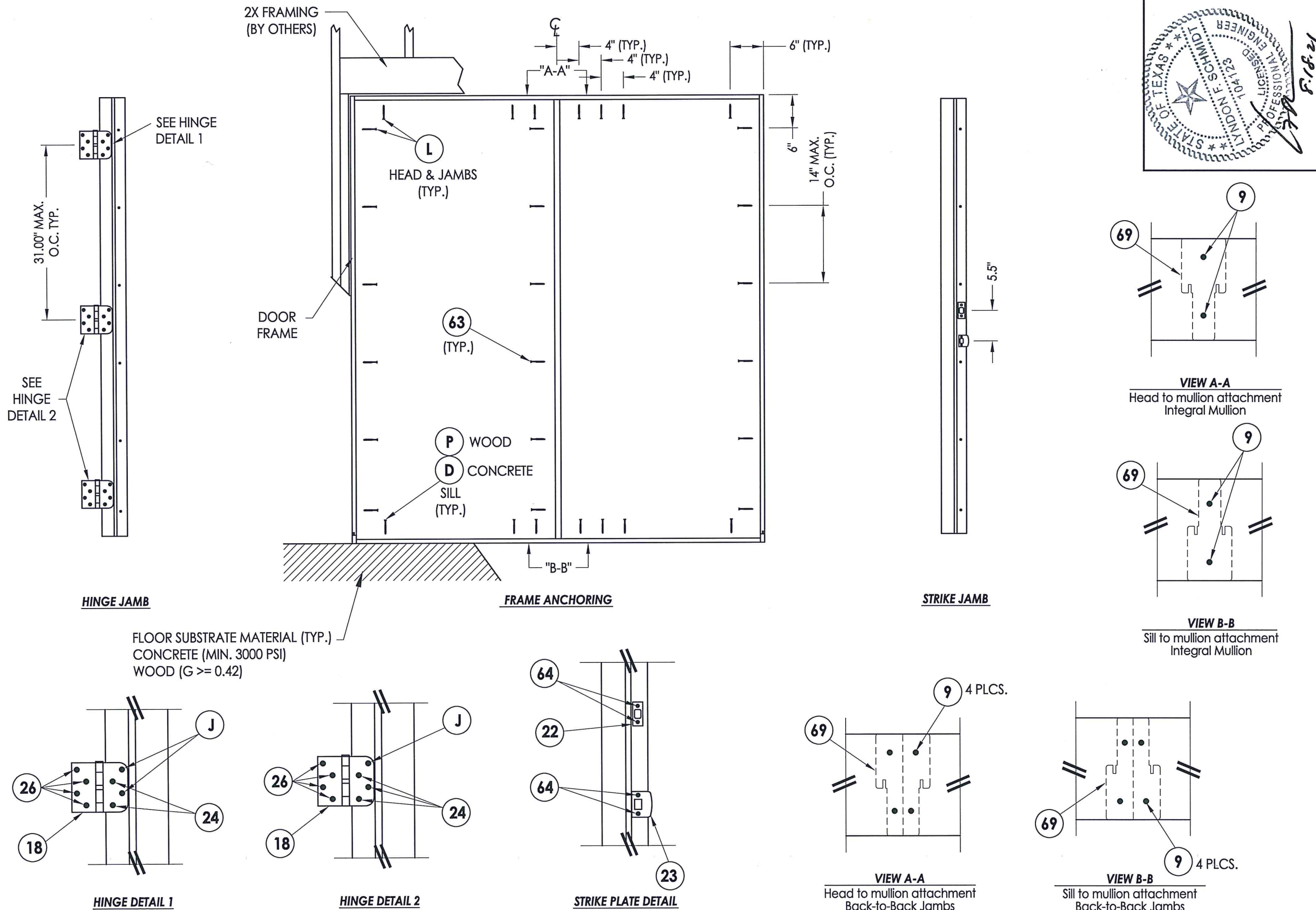
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CHK. BY: LFS

DRAWING NO.: TX-4151

SHEET 7 OF 11

Z:\Clients\Trinity Glass PERMANENT\B - Texas Dept of Ins\DR-272\Drawings\TX-4150-53.dwg



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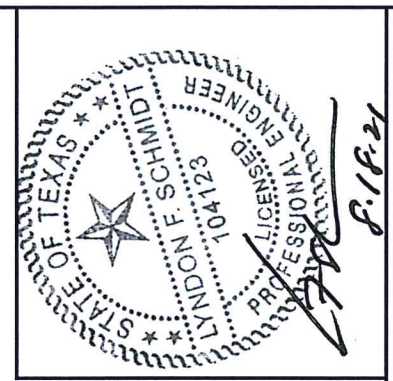
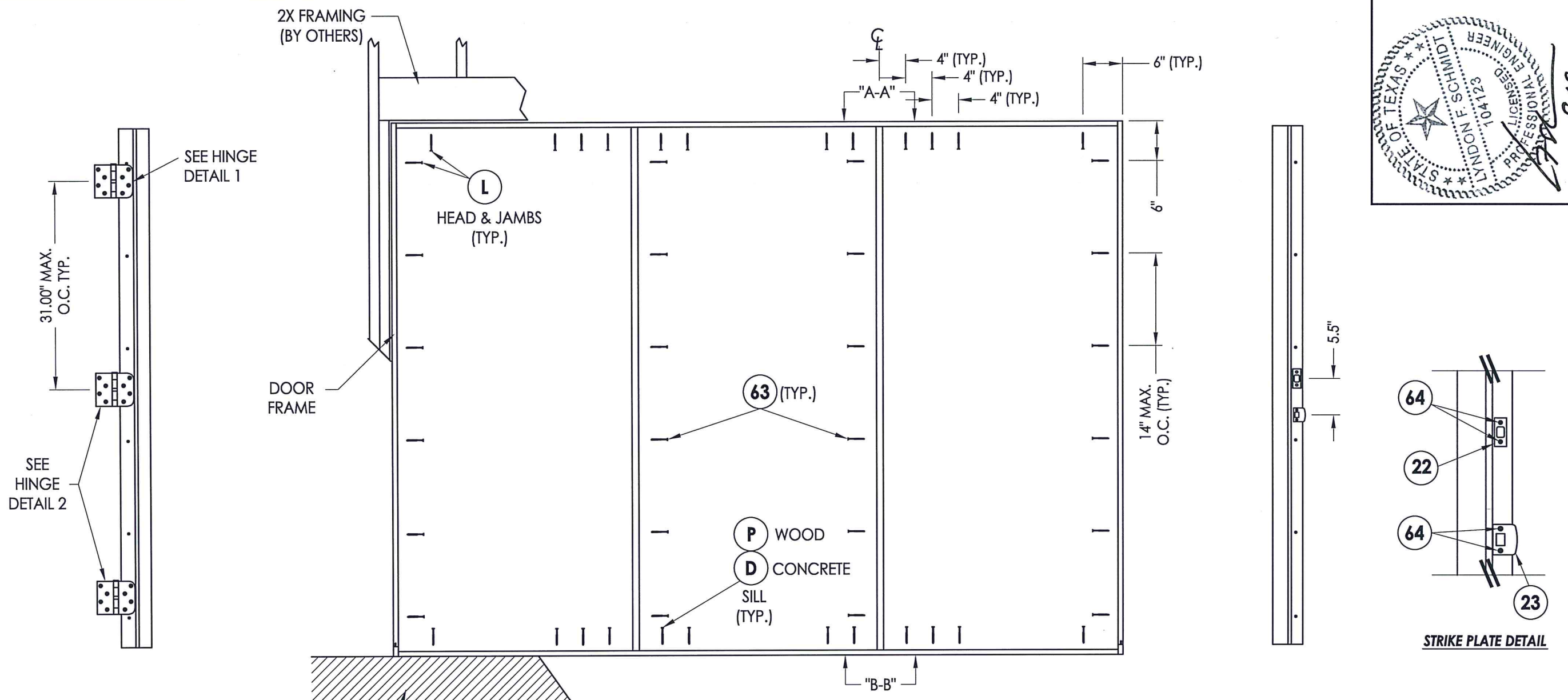
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PRODUCT:	TRINITY GLASS INT'L	
PART OR ASSEMBLY:	FRAME ANCHORING (OX/XO)	
NO.	DATE	BY
1	8/17/21	LFS
UPDATE TO 2018 IBC/IRC		
REVISIONS		
DATE:	5/10/12	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4151	
SHEET	8	OF 11

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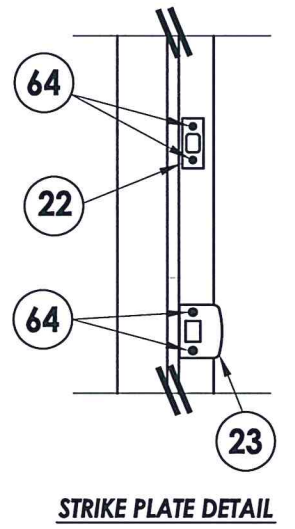
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CERTIFICATE OF REGISTRATION # F-11852

HINGE JAMB

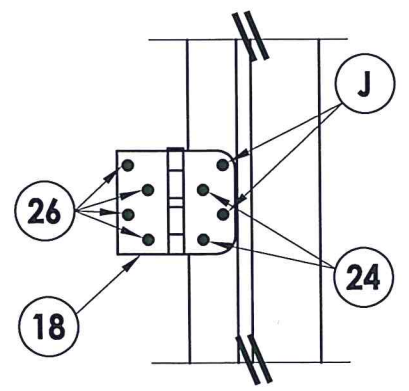
FRAME ANCHORING

STRIKE JAMB

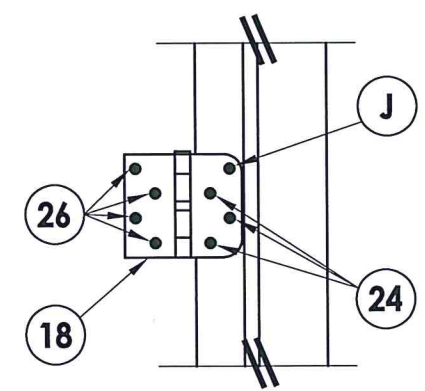
FLOOR SUBSTRATE MATERIAL (TYP.)
CONCRETE (MIN. 3000 PSI)
WOOD (G >= 0.42)



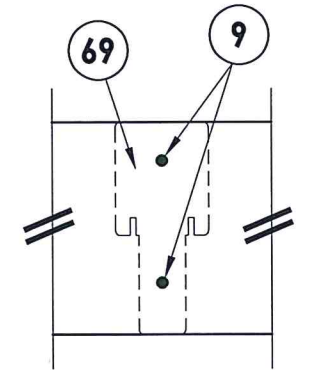
STRIKE PLATE DETAIL



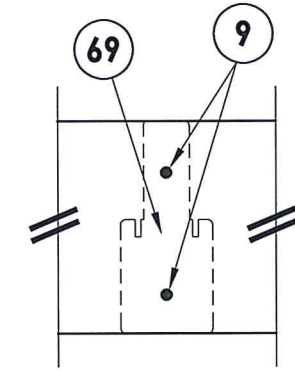
HINGE DETAIL 1



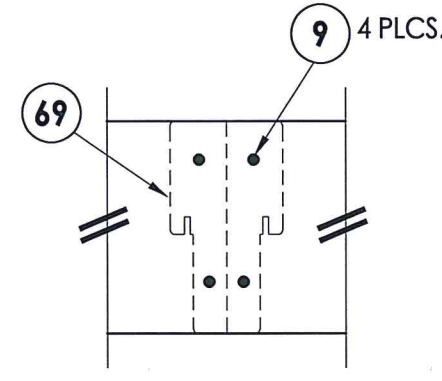
HINGE DETAIL 2



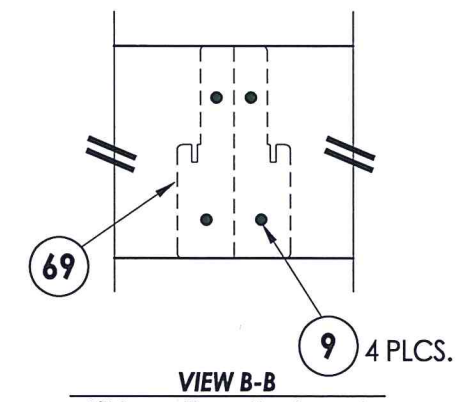
VIEW A-A
Head to mullion attachment
Integral Mullion



VIEW B-B
Sill to mullion attachment
Integral Mullion



VIEW A-A
Head to mullion attachment
Back-to-Back Jamb



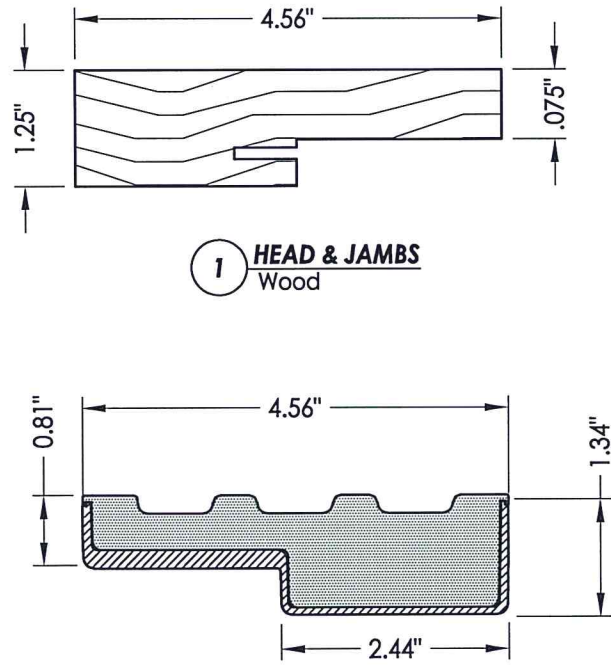
VIEW B-B
Sill to mullion attachment
Back-to-Back Jamb

PRODUCT: TRINITY GLASS INT'L

PART OR ASSEMBLY: FRAME ANCHORING (OXO)

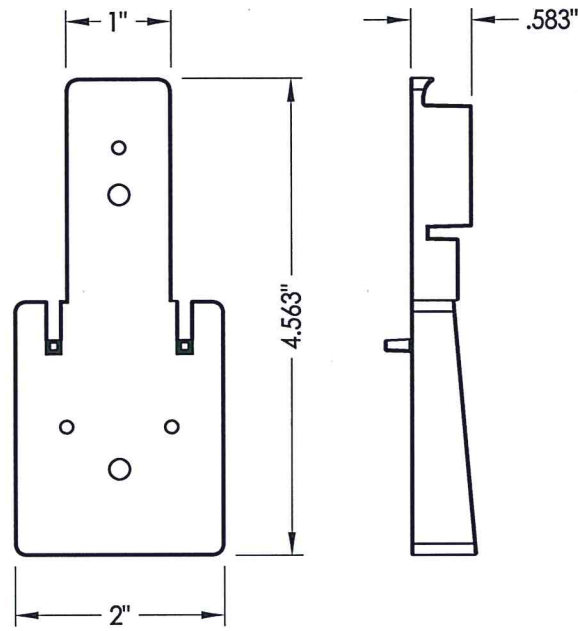
NO.	DATE	DESCRIPTION	BY
1	8/17/21	UPDATE TO 2018 IBC/IRC	LFS
REVISIONS			

DATE: 5/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4151
SHEET 9 OF 11

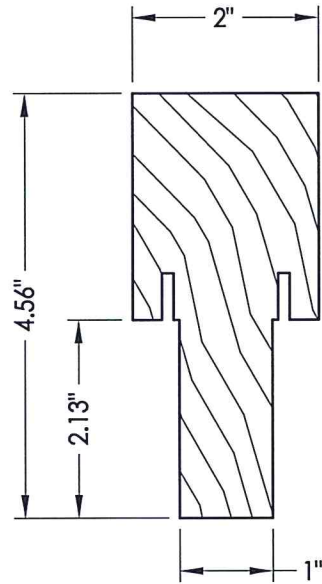


1 HEAD & JAMBS
Wood

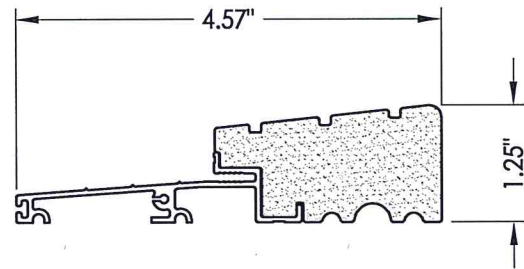
2 HEAD & JAMBS
Composite PVC Base
w/ Fiberglass Wrap



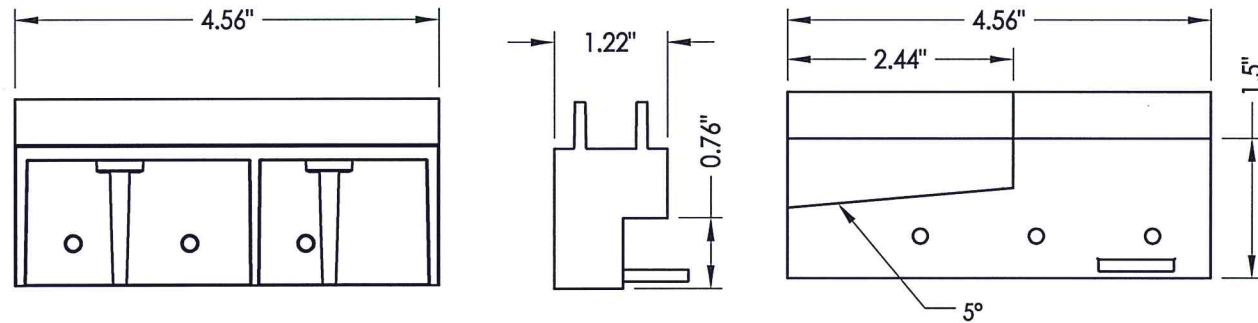
69 MULLION BASE KIT
Optional



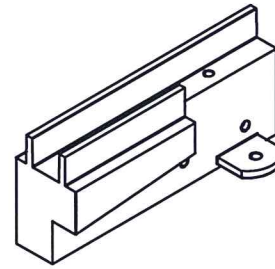
67 INTEGRAL MULLION



25 OUTSWING THRESHOLD
High-dam option



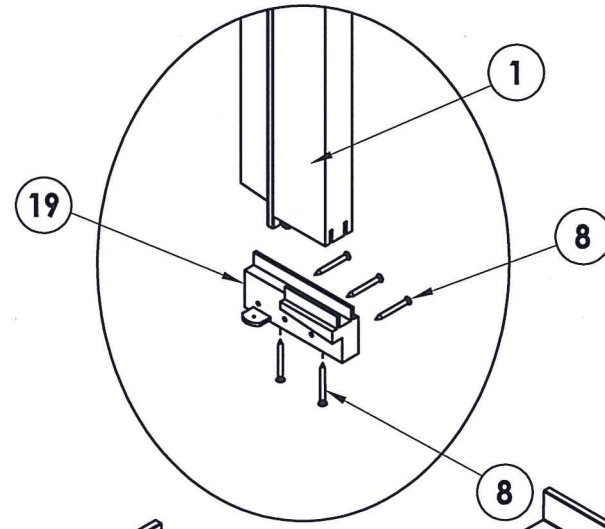
19 SILLKEY DETAILS
Optional



SILLKEY, LEFT
SCALE: NONE



SILLKEY, RIGHT
SCALE: NONE



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PRODUCT: TRINITY GLASS INT'L		PART OR ASSEMBLY: COMPONENTS	
NO.	DATE	BY	REVISIONS
1	8/17/21	LFS	UPDATE TO 2018 IBC/IRC
DATE: 5/10/12		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: TX-4151		SHEET 10 of 11	

