

plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

FLUSH GLAZED FIBERGLASS DOORS DOUBLES w/ or w/out SIDELITES IN SWING "IMPACT"

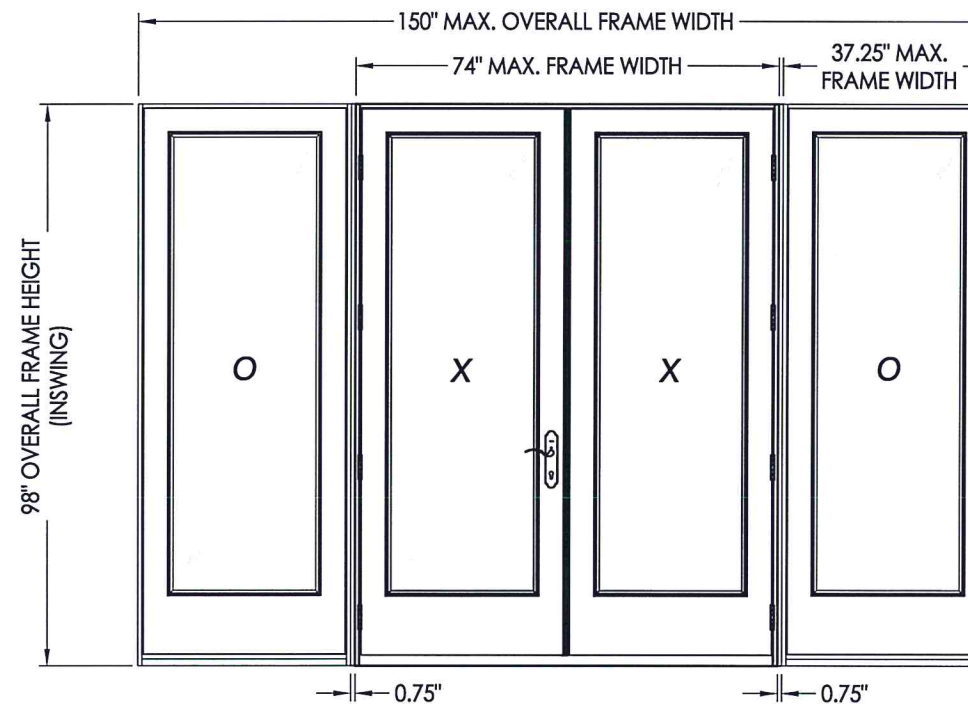
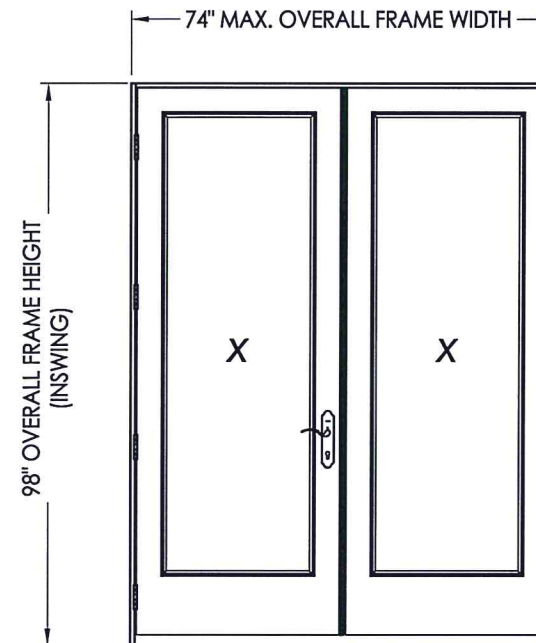
EVALUATED FOR USE IN THE STATE OF TEXAS

The Fiberglass Door described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) subject to the following conditions:

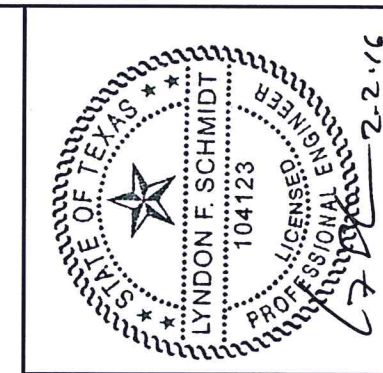
1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. This system has been tested and evaluated as a large missile impact protective system for installation in the Seaward, Inland I and Inland II areas. This product 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.

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SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
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4	Elevations
5	Vertical cross sections
6	Horizontal cross sections
7	Frame anchoring & hardware details
8	Bill of materials and components



CONFIG.	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POS.	NEG.
XX	74.0" x 98.0"	+50.0	-55.0
OXXO	150.0" x 98.0"	+50.0	-55.0



Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

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P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

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

PRODUCT: PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 1/13/16

SCALE: N.T.S.

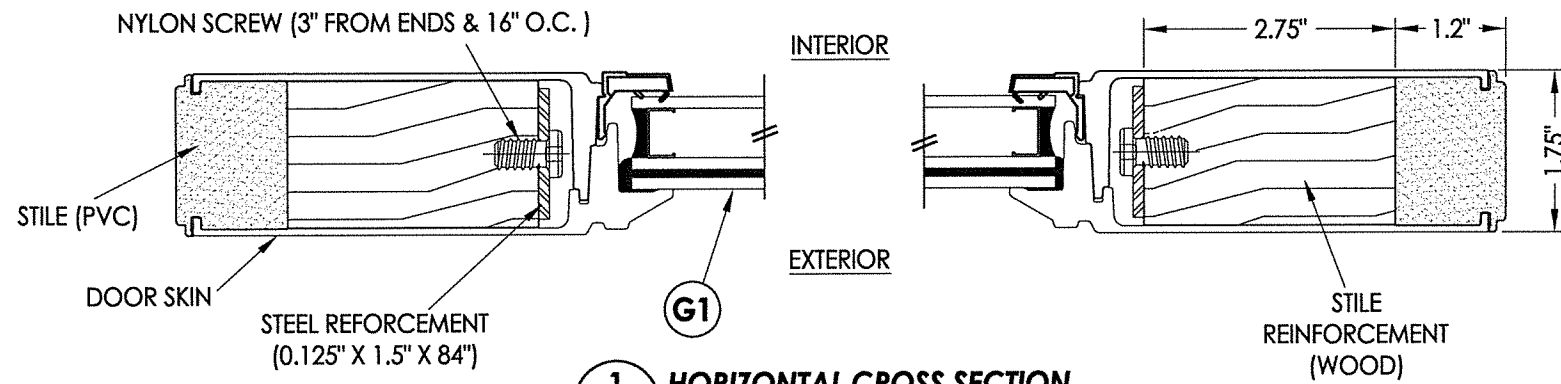
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CHK. BY: LFS

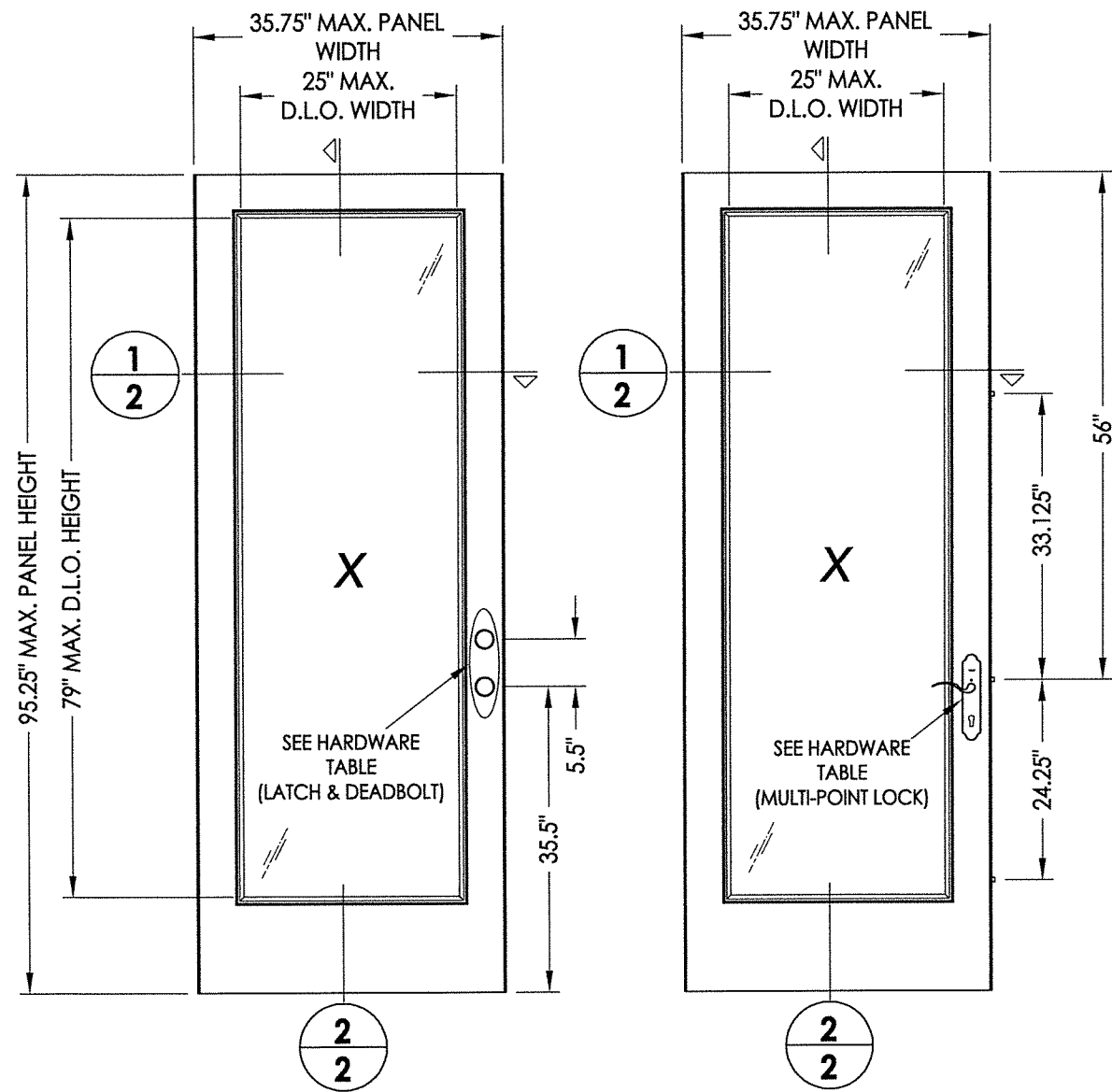
DRAWING NO.:

TX-4597

SHEET 1 OF 8

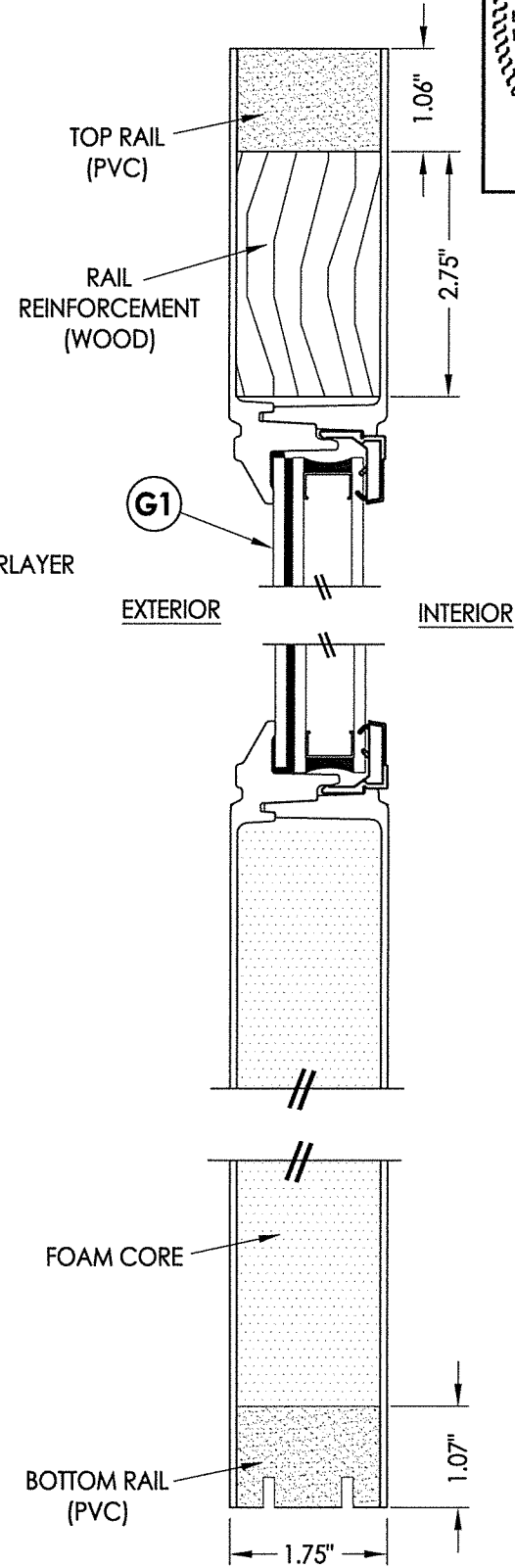
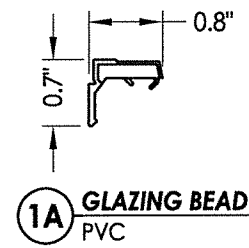
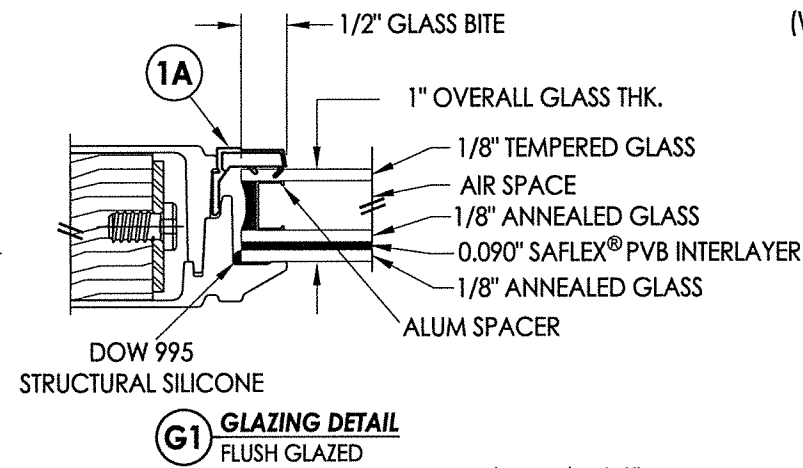


1
2 HORIZONTAL CROSS SECTION



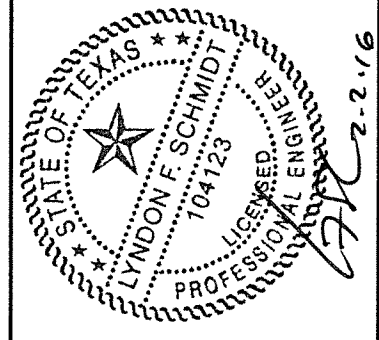
40 PLASTPRO DOOR PANEL FLUSH GLAZED

DOOR SKIN: FIBERGLASS (0.086" MIN. THK.)
 FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



2
2 VERTICAL CROSS SECTION

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SERIES (660)
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60N
YALE	KNOB:	NEW TRADITIONS
	DEADBOLT:	YH 82
ENDURA PRODUCTS	MULTI-POINT LOCK: TRILENNIUM 3000 SERIES (3 PT.)	



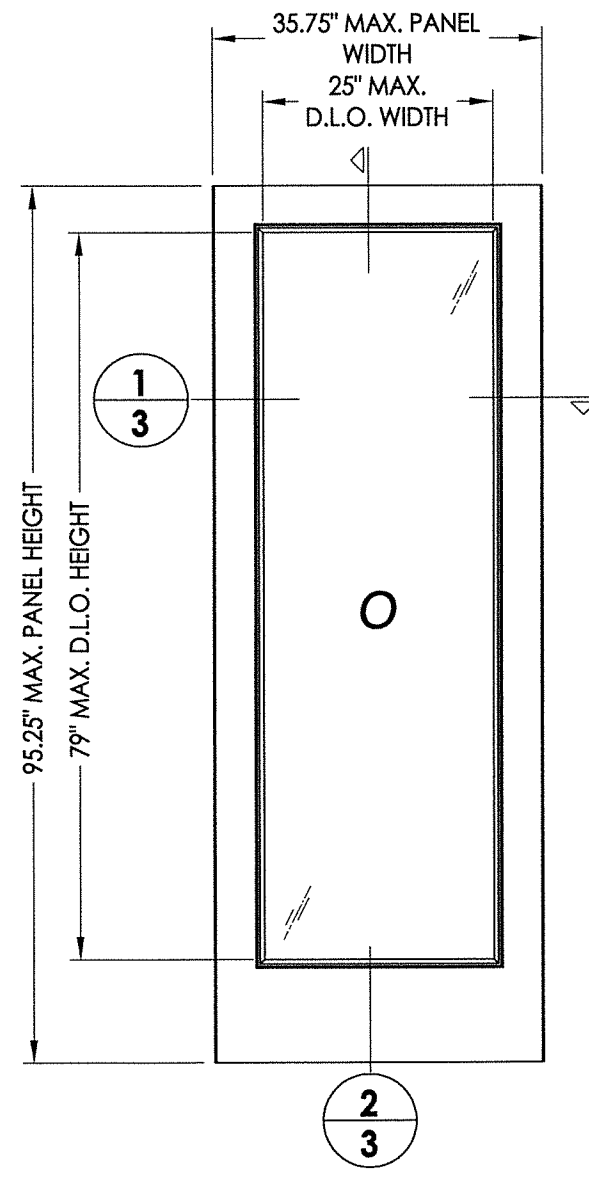
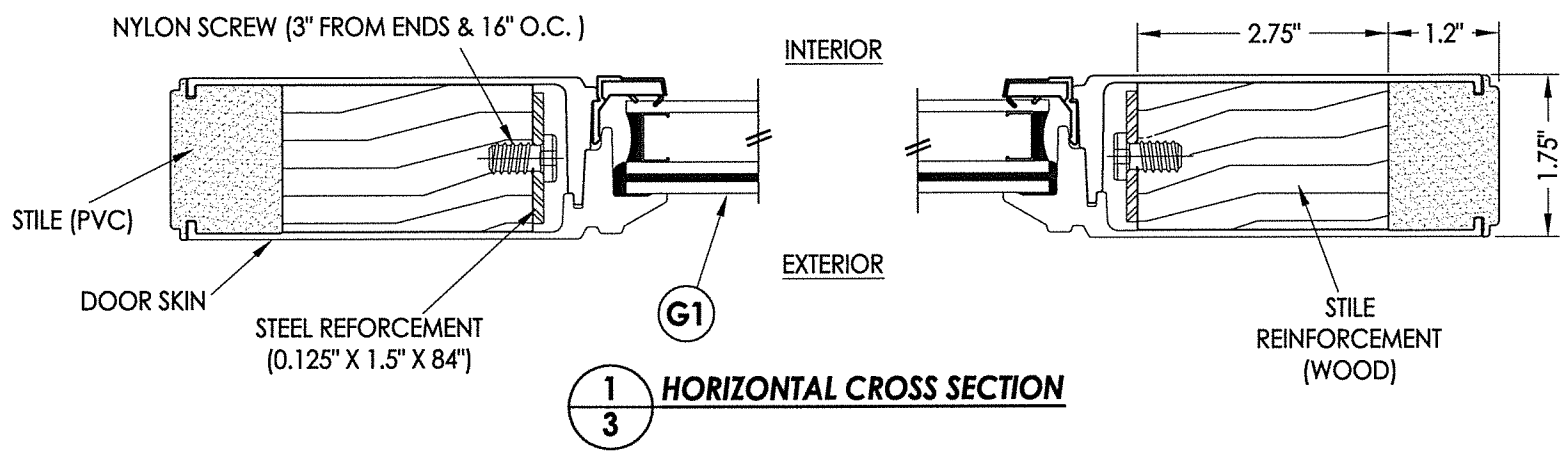
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 TEXAS P.E. #104123
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
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 CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO FIBERGLASS DOOR
 PART OR ASSEMBLY: DOOR PANEL DETAILS

NO.	DATE	BY

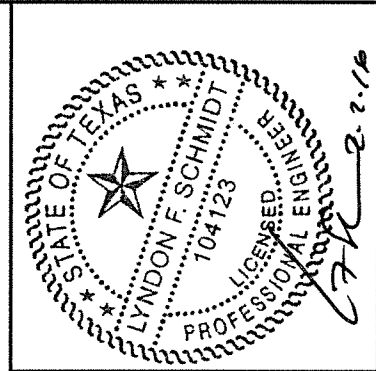
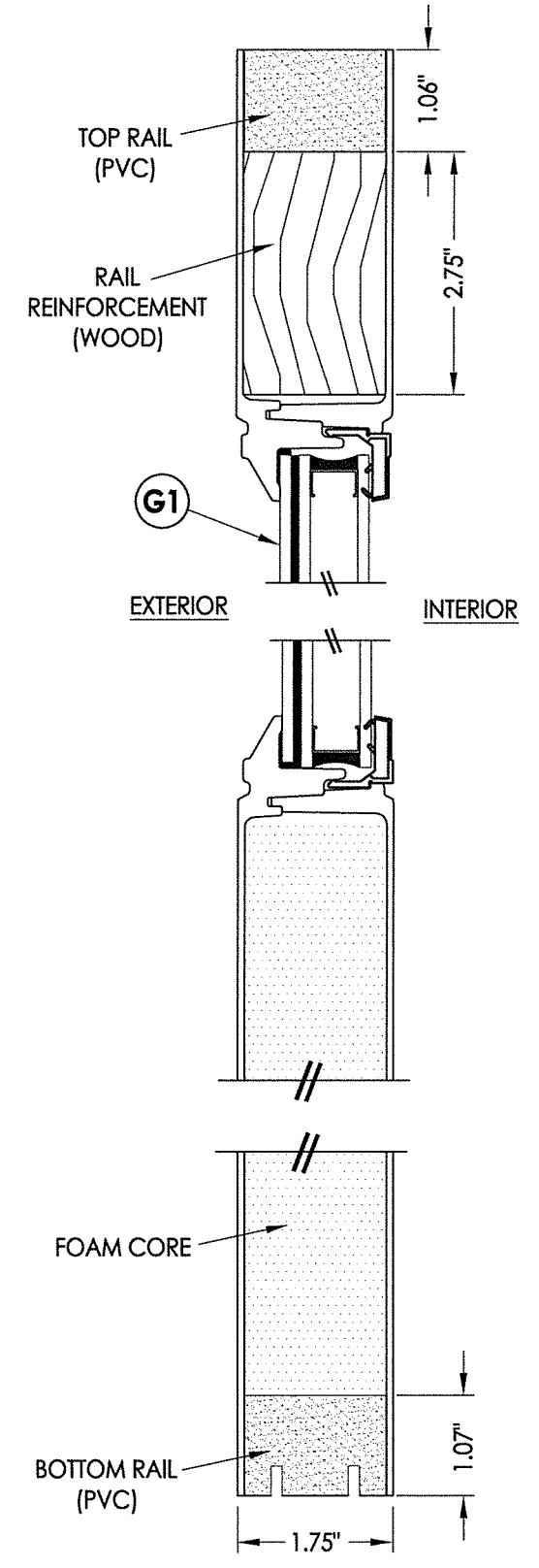
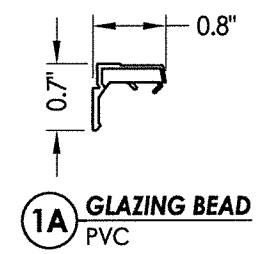
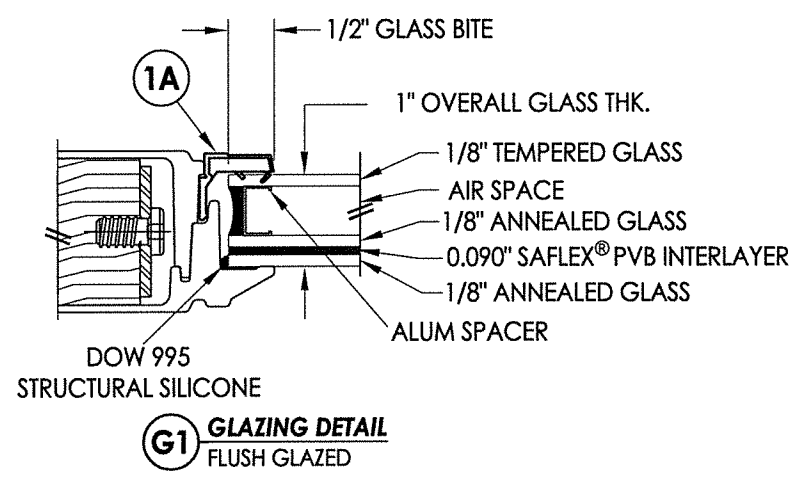
DATE: 1/13/16
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: TX-4597
 SHEET 2 OF 8

R:\Clients\Plastpro, Inc.\PERMANENT\B - ID\ID1 - XXX - Elush Glazed Impact Drawings\TX-4596.dwg_3



50 PLASTPRO SIDELITE PANEL
FLUSH GLAZED

DOOR SKIN: FIBERGLASS (0.086" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



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PRODUCT: PLASTPRO FIBERGLASS DOOR

PART OR ASSEMBLY: SIDELITE PANEL DETAILS

NO.	DATE	BY	REVISIONS

DATE: 1/13/16

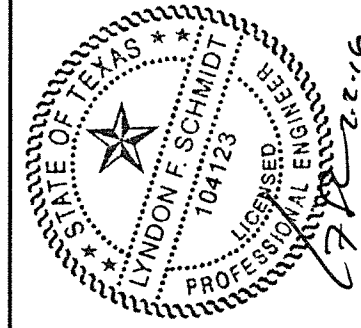
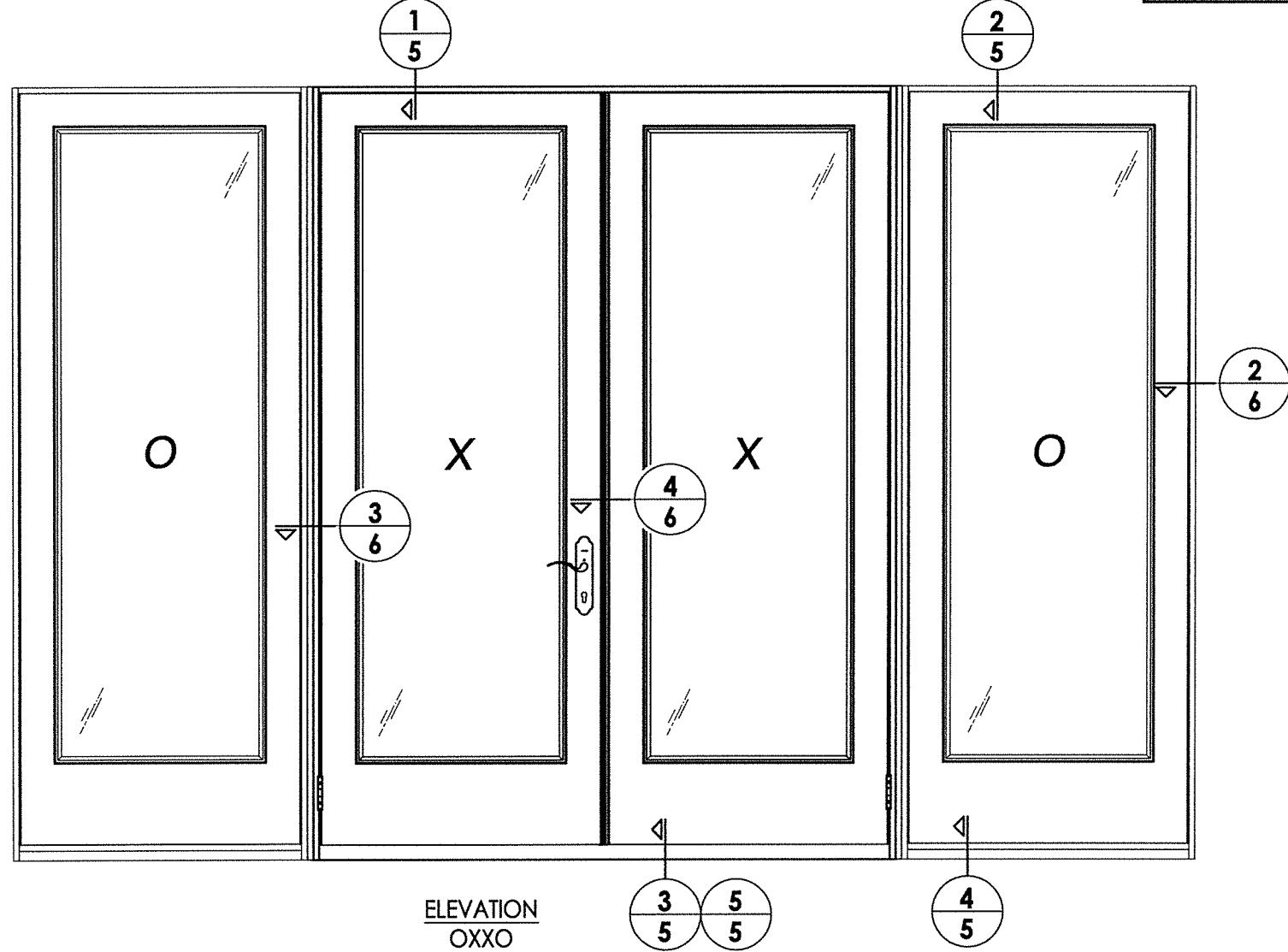
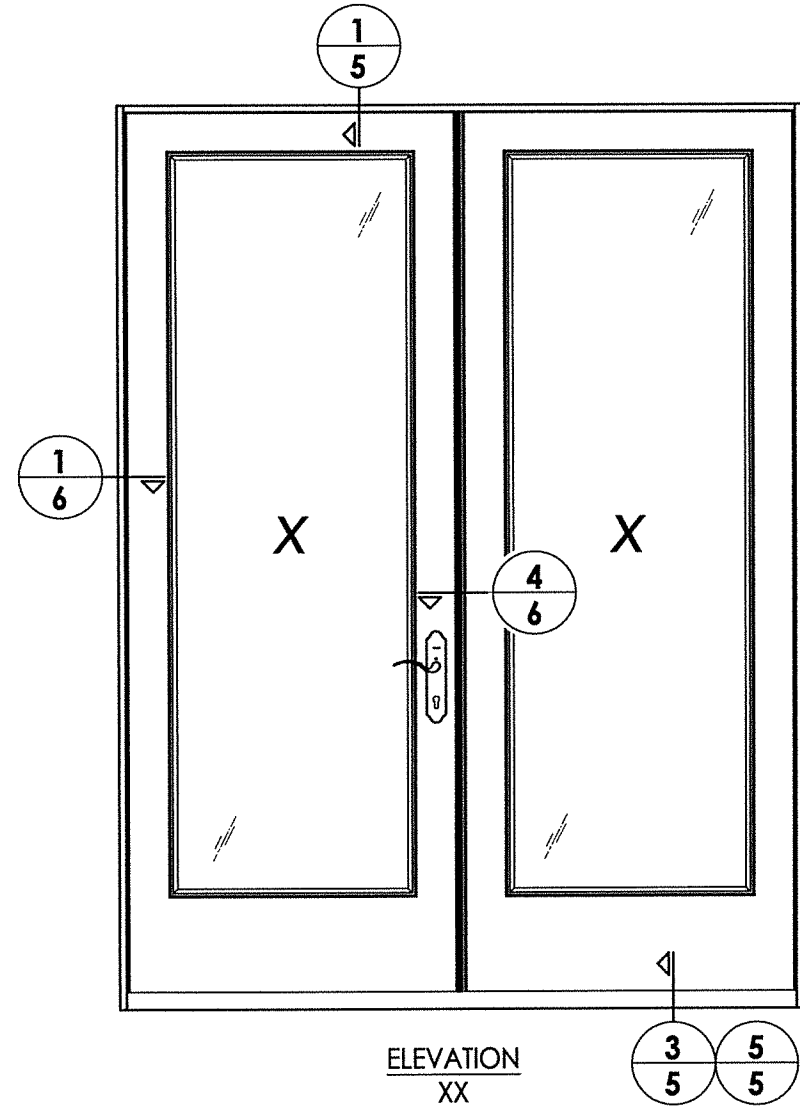
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: TX-4597

SHEET 3 OF 8



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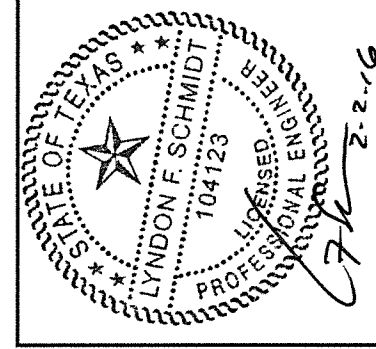
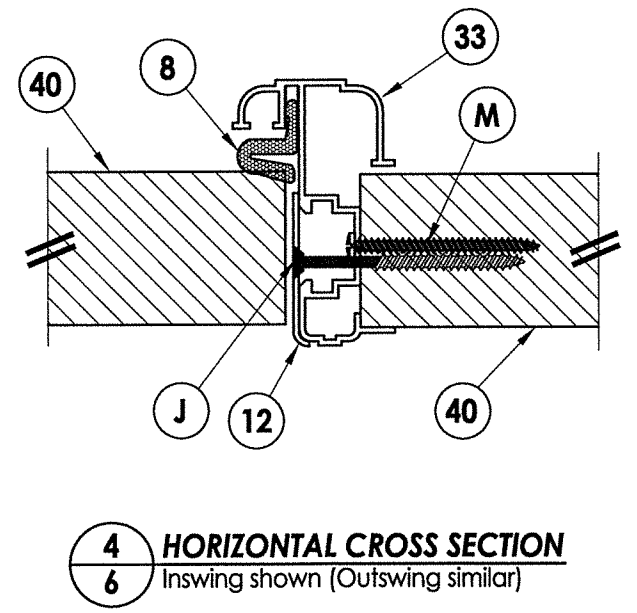
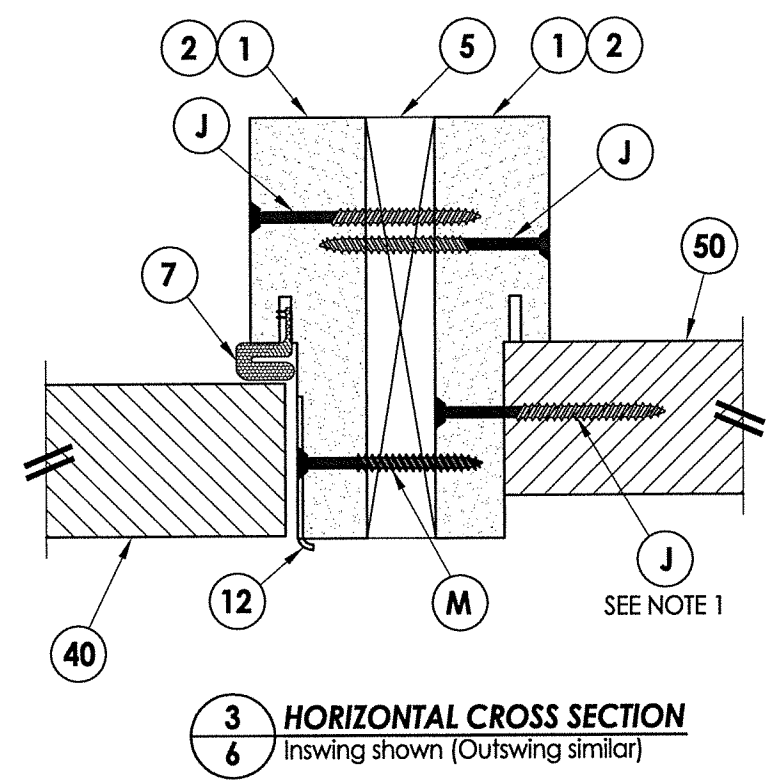
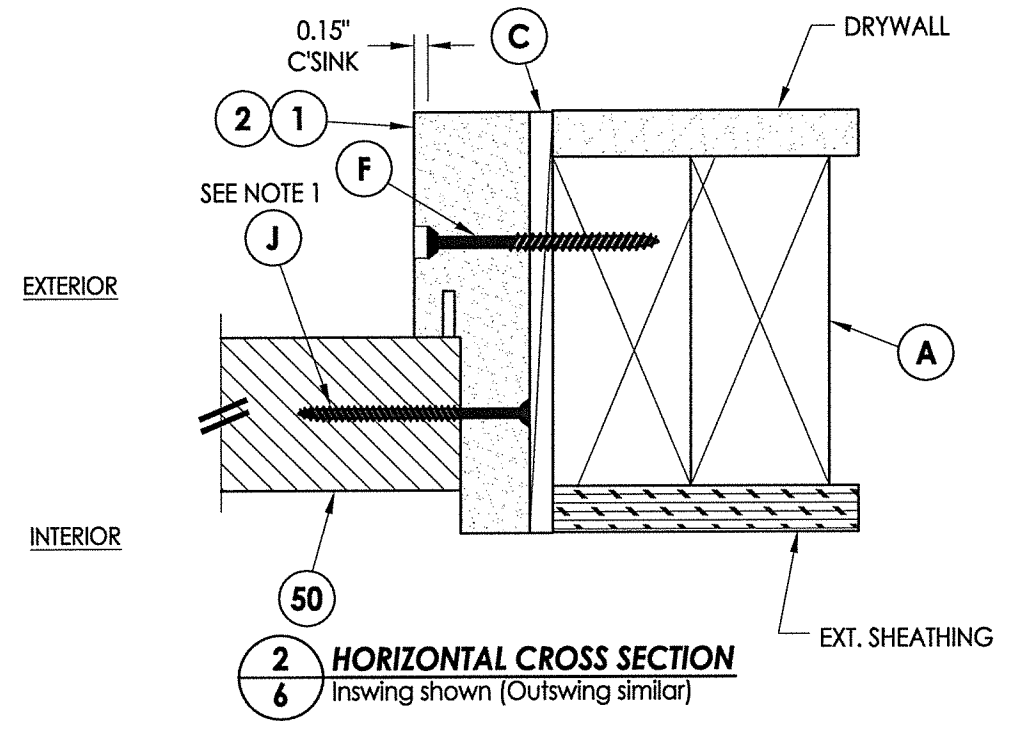
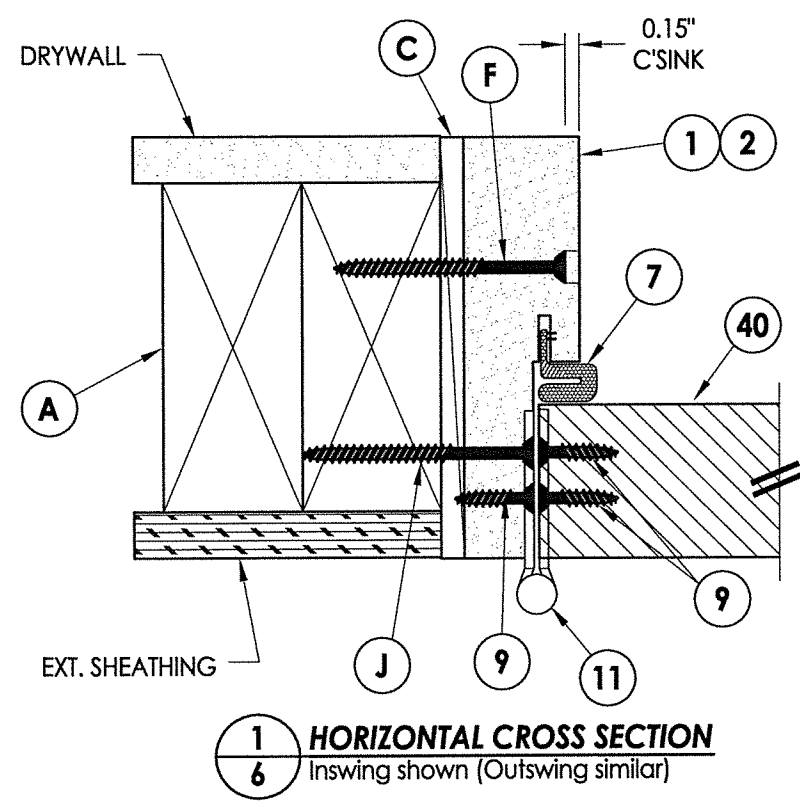
PRODUCT: PLASTIPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

NO.	DATE	REVISIONS	BY

DATE: 1/13/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4597
SHEET 4 OF 8

R:\Clients\Plastpro, Inc PERMANENT\B - TD\TDI - XXX - Flush Glazed Impact\Drawings\TX-4596.4597.dwg, 6.



NOTE:
1. Spacing for item J: 6" from each end and 5 more equally spaced along sidelite jamb (7 total).

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CERTIFICATE OF REGISTRATION # F-11852

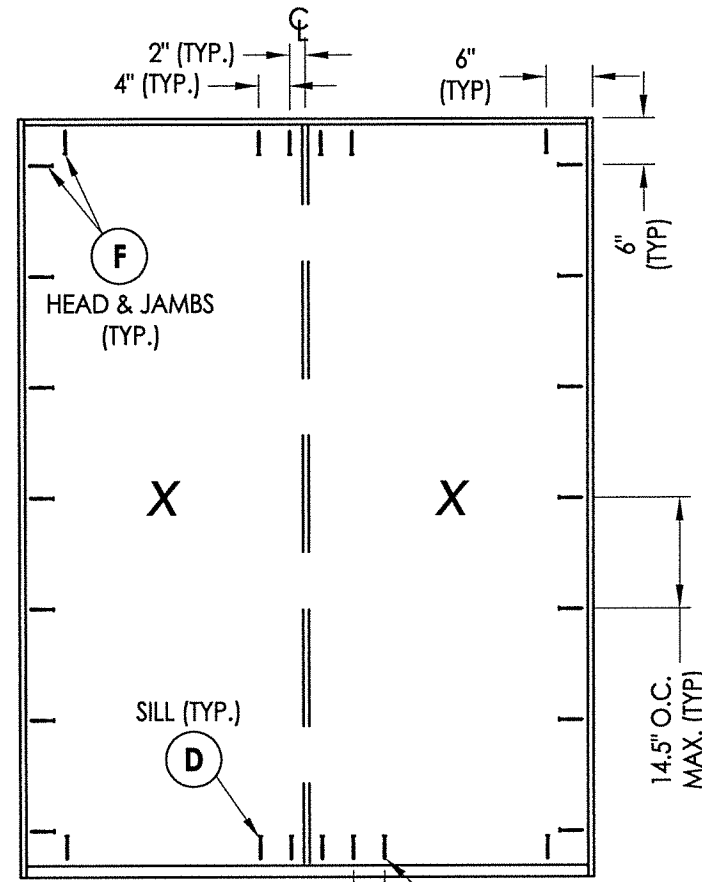
PRODUCT: PLASTPRO FIBERGLASS DOOR

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

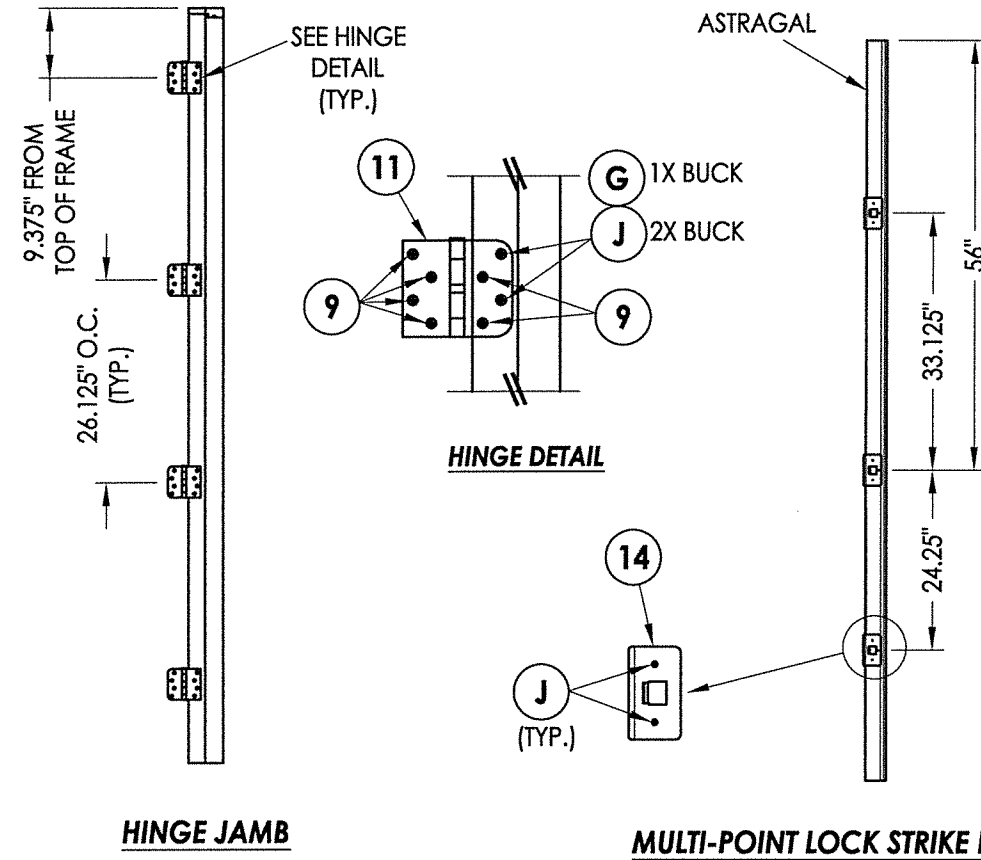
NO.	DATE	BY	REVISIONS

DATE: 1/13/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4597
SHEET 6 OF 8

R:\Clients\Plastpro, Inc PERMANENT\B - TD\TID1 - XXX - Flush Glazed Impact Drawings\TX-4596.4597.dwg, 7.

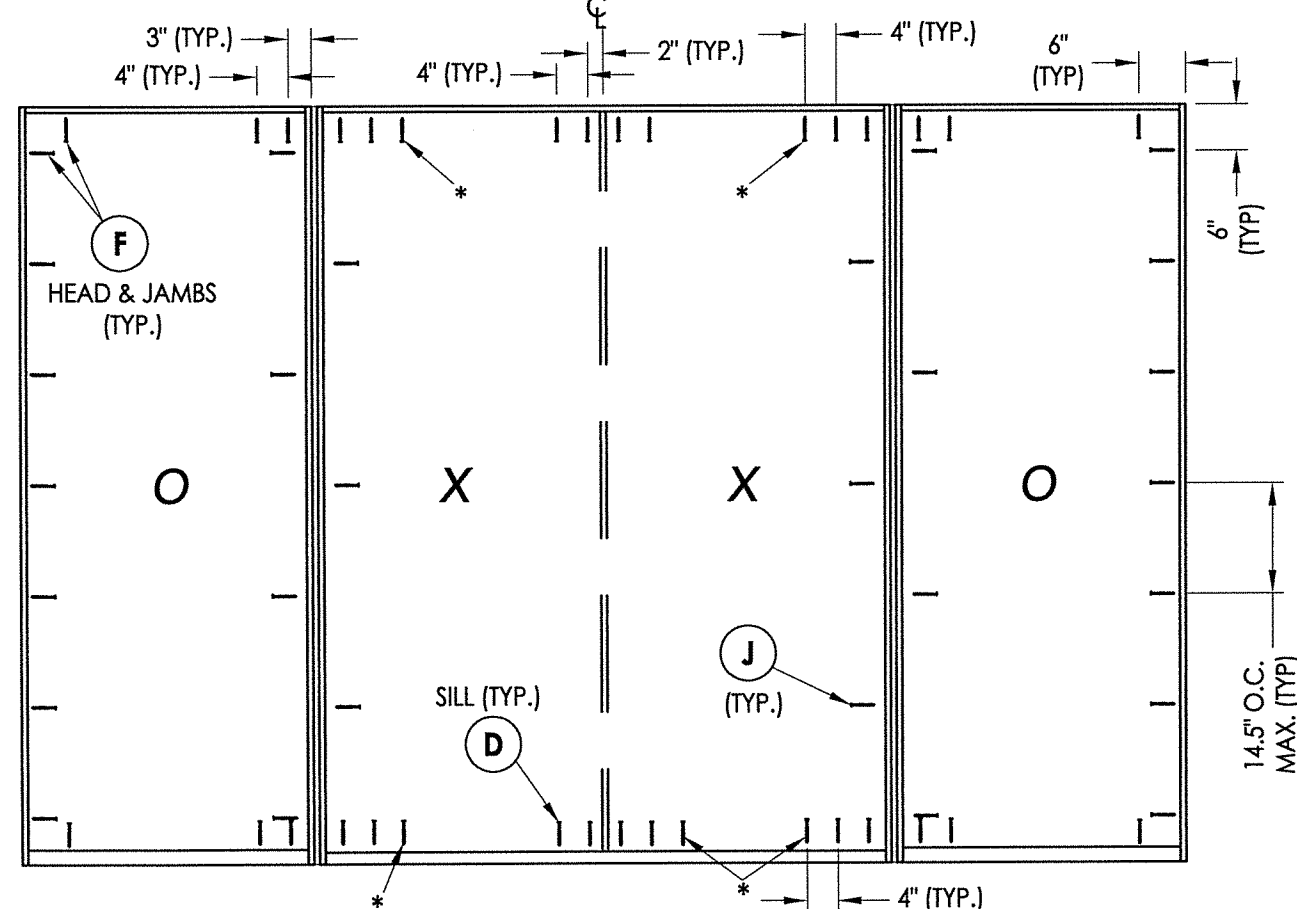


* Additional anchor @ sill req'd for DP > 40 psf.

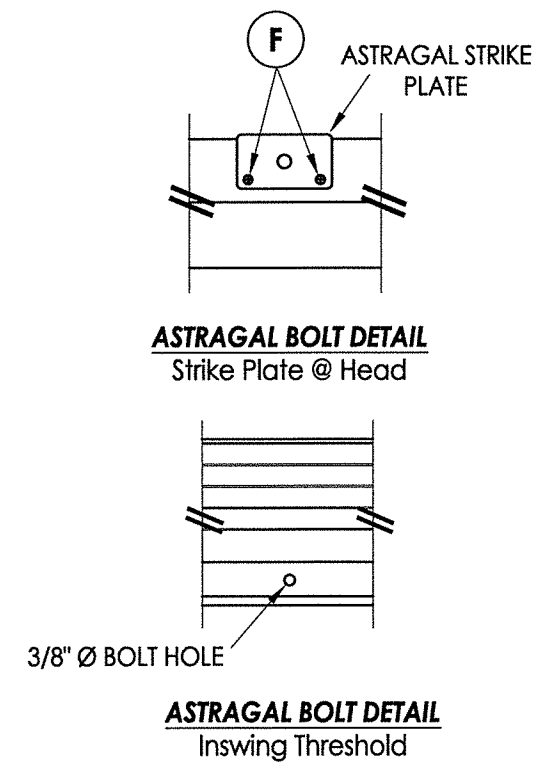


HINGE JAMB

MULTI-POINT LOCK STRIKE PLATE DETAIL

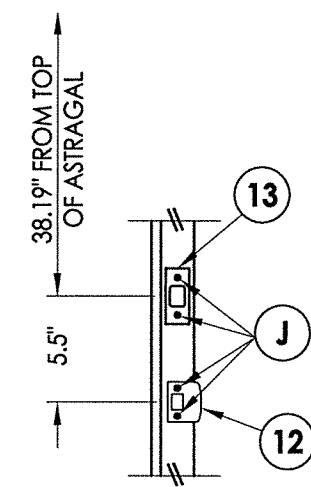


FRAME ANCHORING

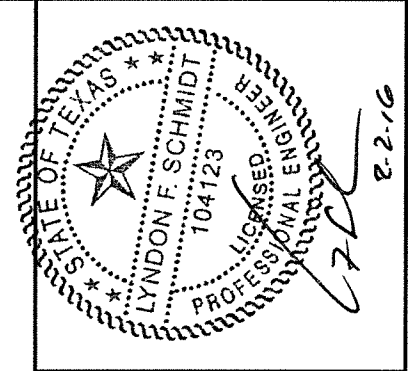


ASTRAGAL BOLT DETAIL
Strike Plate @ Head

ASTRAGAL BOLT DETAIL
Inswing Threshold



LATCH AND DEADBOLT STRIKE PLATE DETAILS



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CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: PLASTPRO FIBERGLASS DOOR

PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS

NO.	DATE	BY	REVISIONS

DATE: 1/13/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: TX-4597

SHEET 7 OF 8

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