

THERMA-TRU®
DOORS

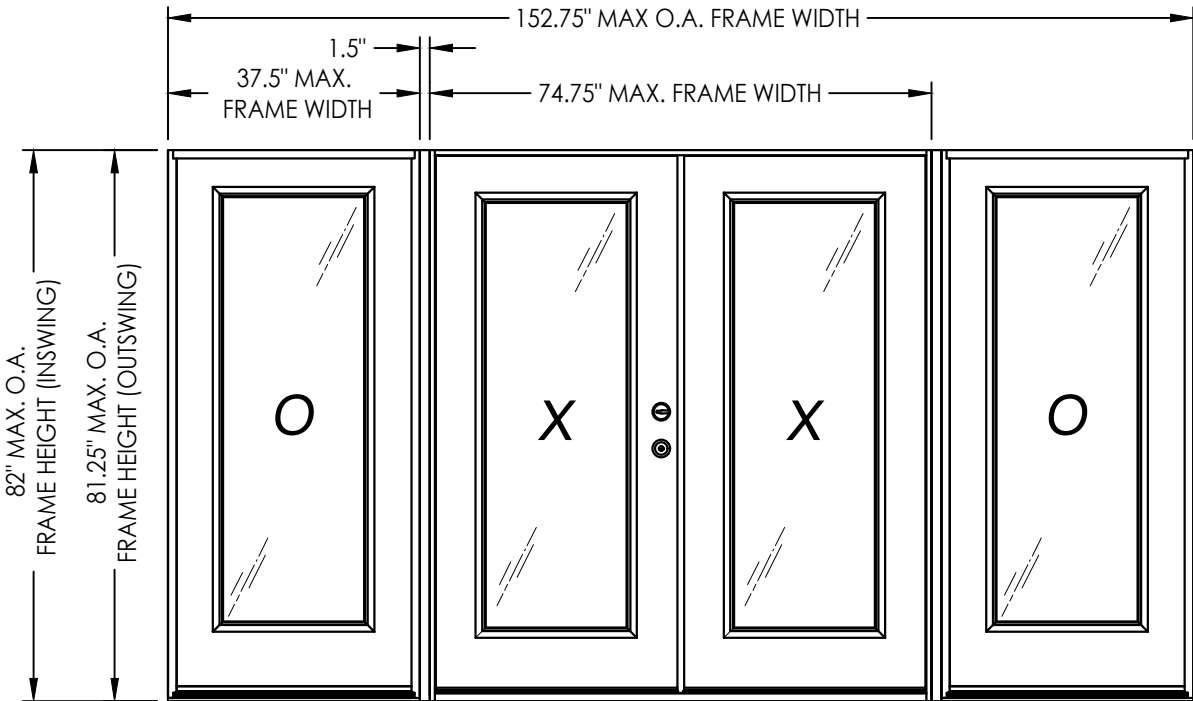
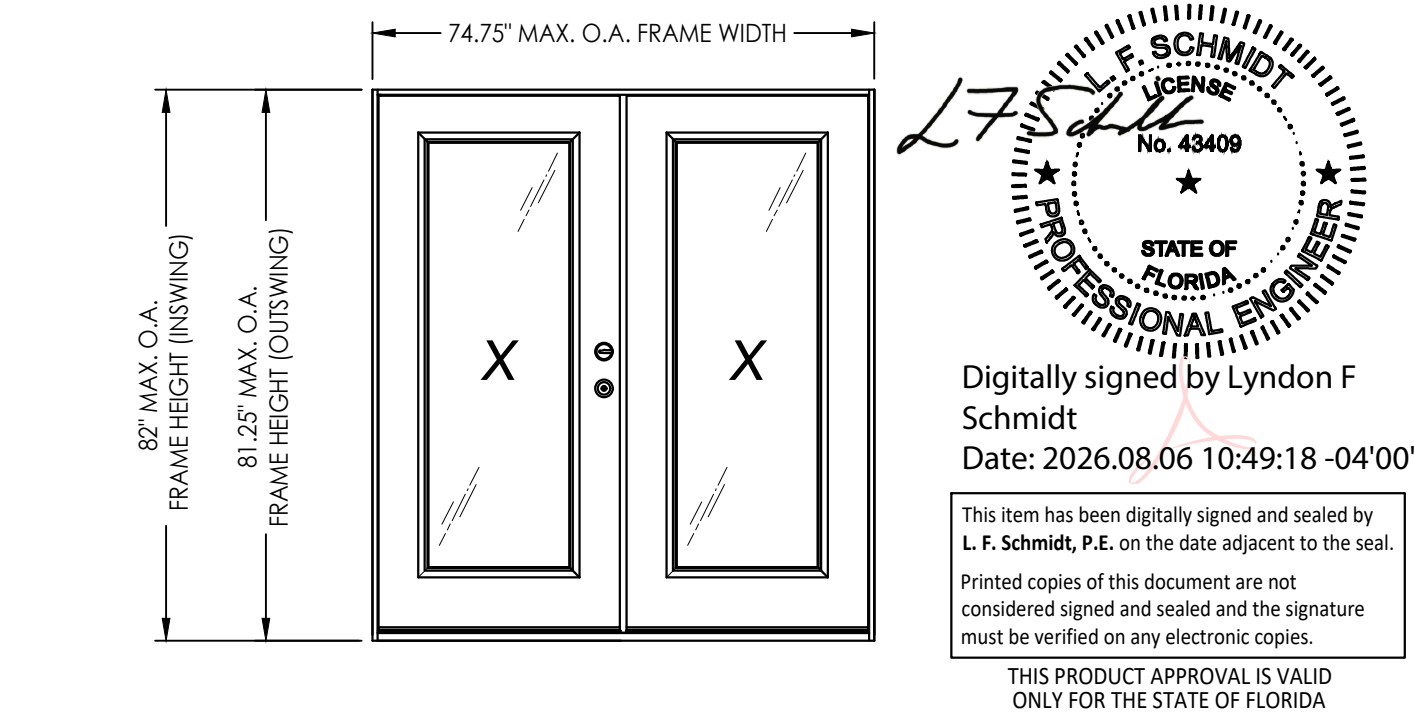
Fiber-Classic® & Smooth-Star®

COMPOSITE EDGE
GLAZED FIBERGLASS DOUBLE DOOR
w/ or w/out SIDELITES
INSWING/OUTSWING

GENERAL NOTES

1. This product evaluation drawing has been developed in compliance with the 9th Edition (2026) Florida Building Code (FBC) including the "High Velocity Hurricane Zone" (HVHZ).
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 the "HVHZ" this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets the water infiltration requirements for the "HVHZ".
8. Outswing configurations using Coastal Sill (item #19) & Composite Sill (item #16) under active doors meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

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CONFIGURATION	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX, OXXO	Latch & Deadbolt	+50.0	-50.0	+50.0	-50.0
XX, OXXO	Multipoint	+55.0	-55.0	+55.0	-55.0

See Sheet 4 for Hardware Specifications

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
3	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
2	7/22/20	UPDATE TO 7th ED (2020)	FBC	LFS
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20470.9

SHEET 1 OF 14

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Documents Prepared By:
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P.E. No. 43409

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

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

4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
3	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
2	7/22/20	UPDATE TO 7th ED (2020)	FBC	LFS
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 08/02/16

SCALE: N.T.S.

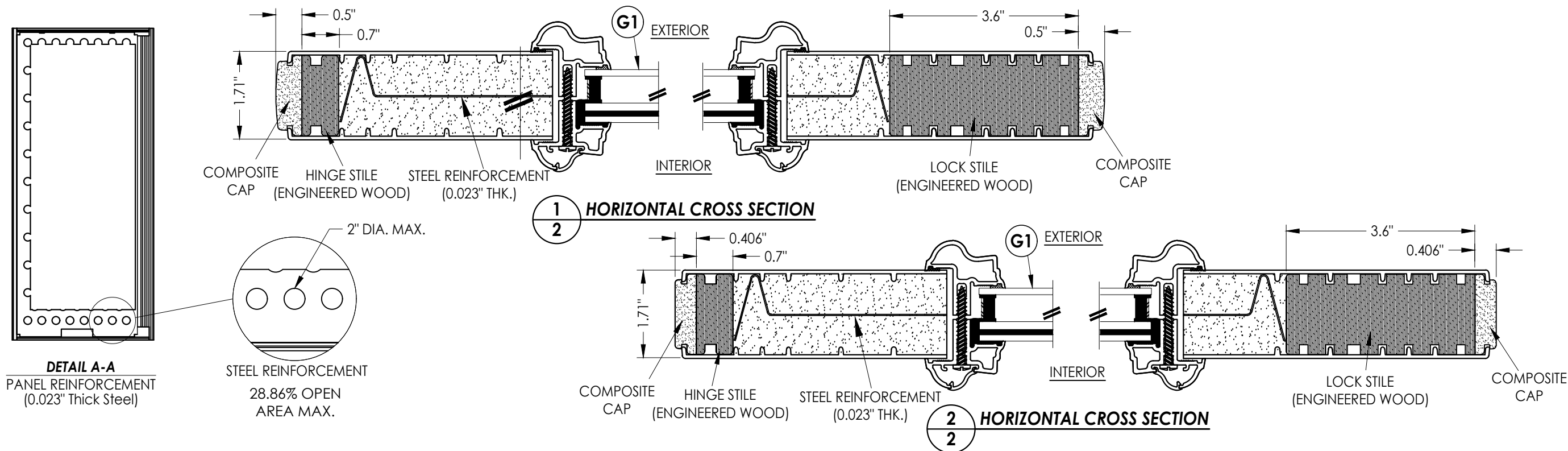
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CHK. BY: LFS

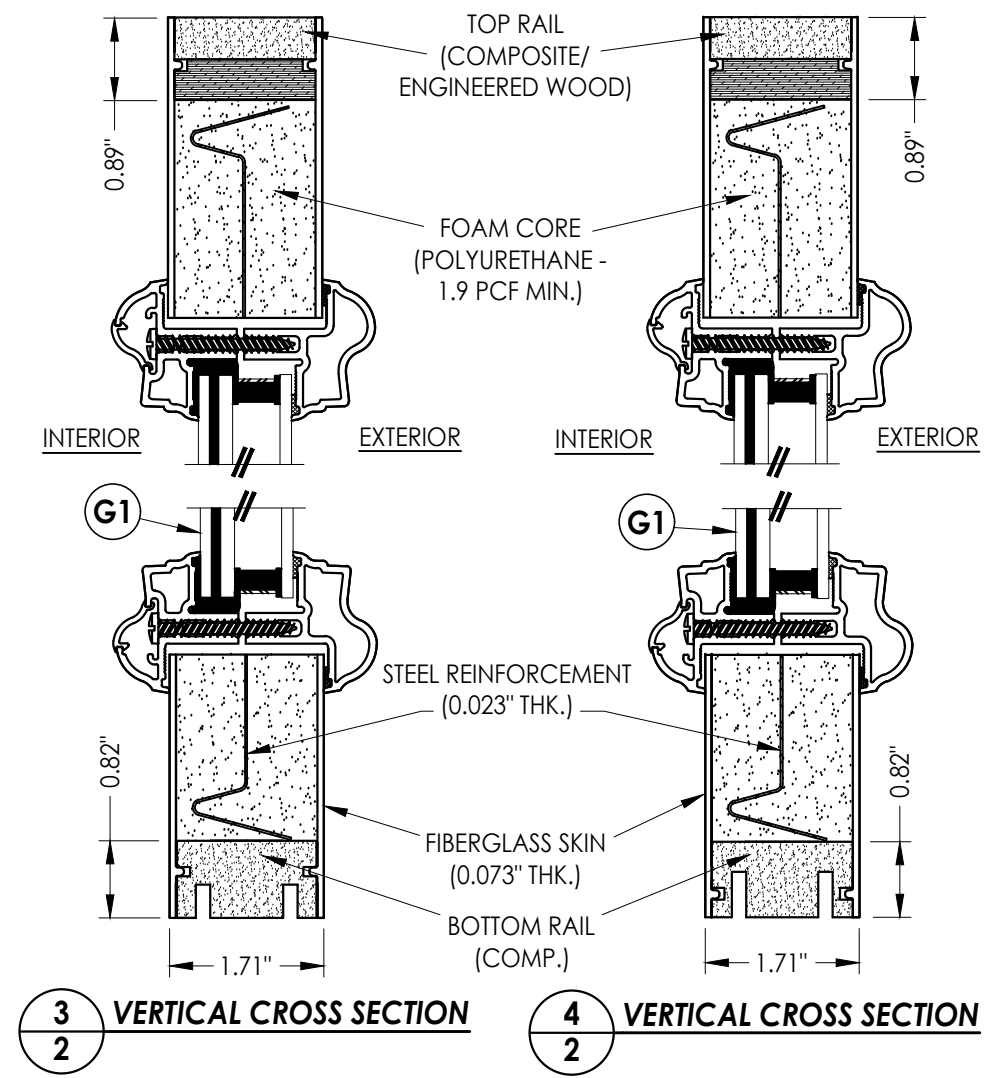
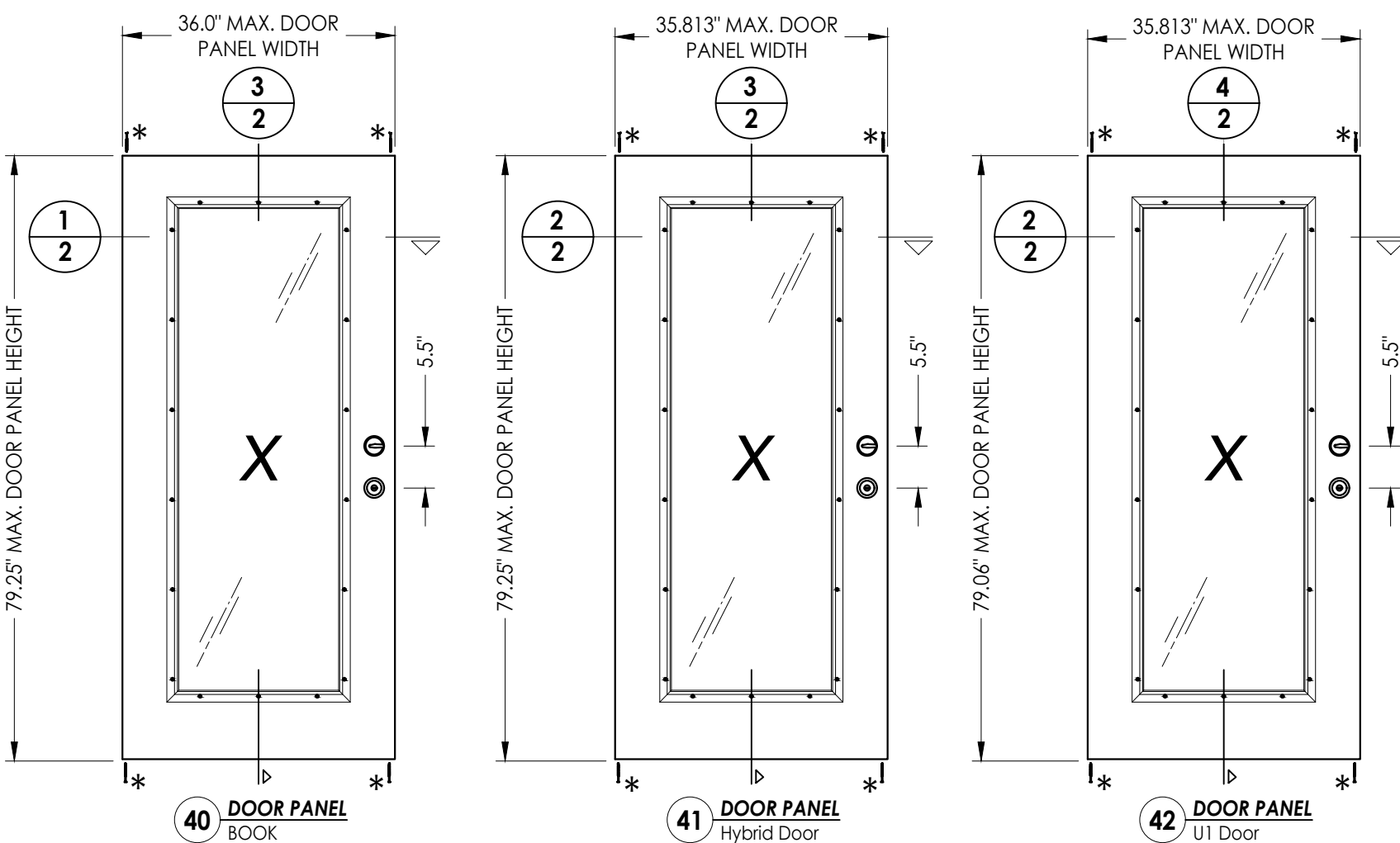
DRAWING NO.: FL-20470.9

SHEET 1 OF 14

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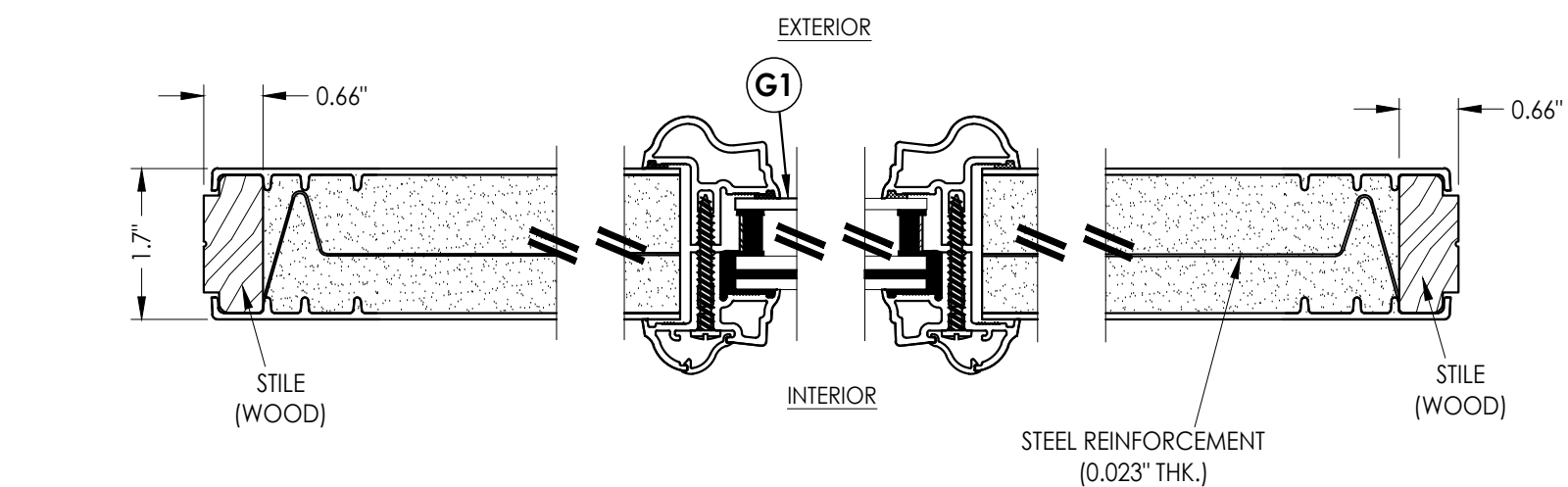
* #8 X 2.5" PFH WS (TYP. @ EACH DOOR CORNER)

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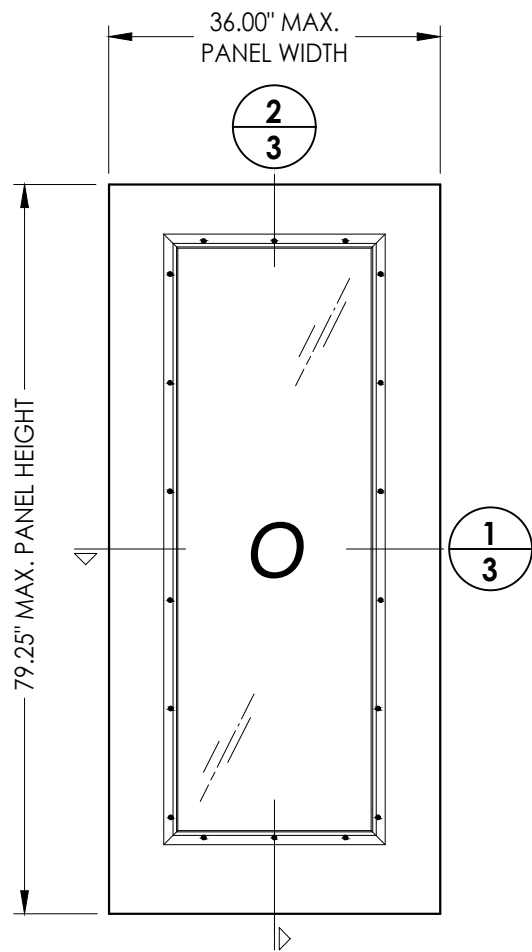
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

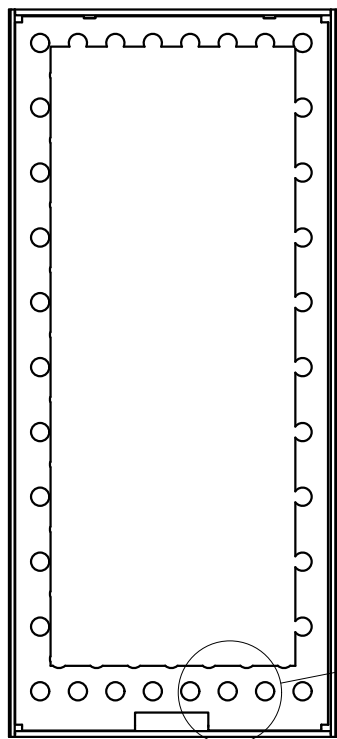
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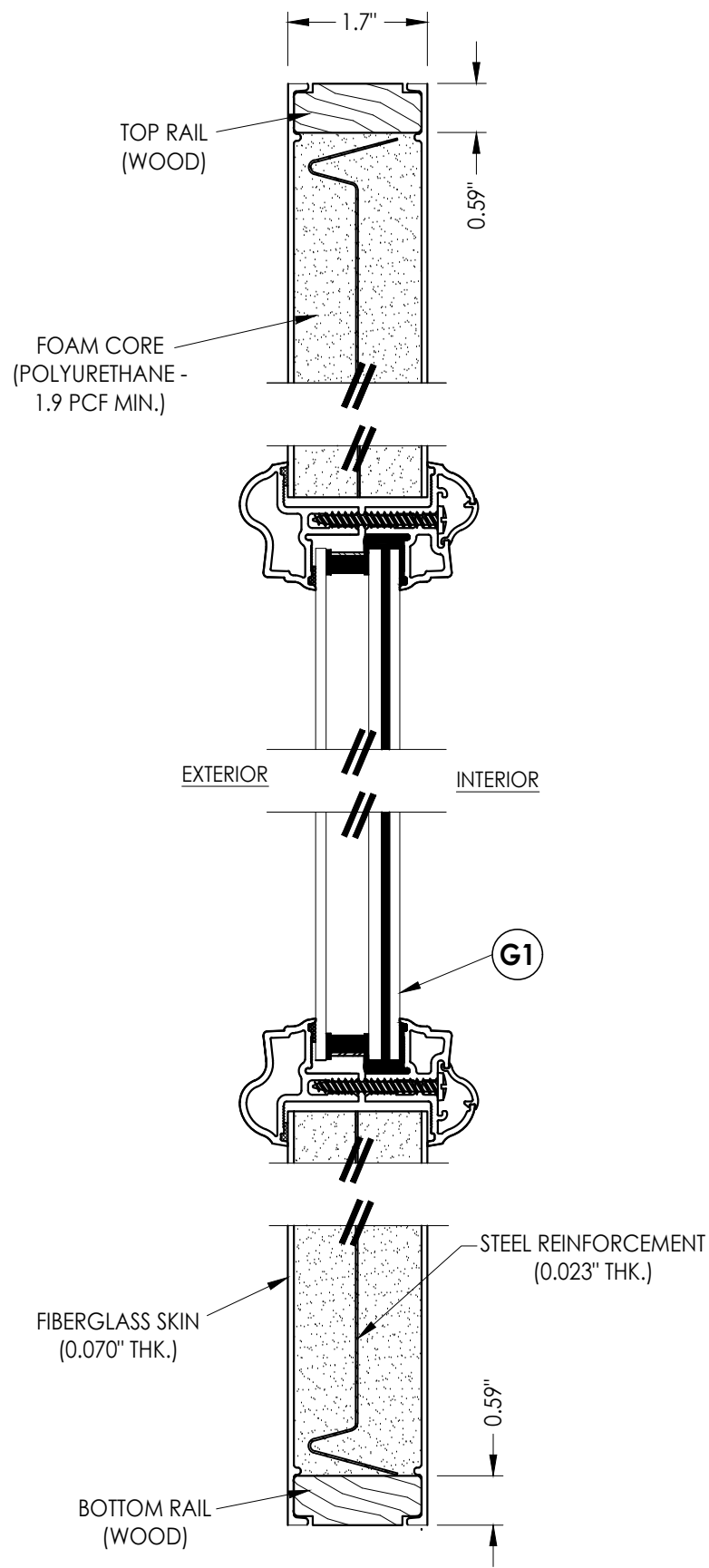
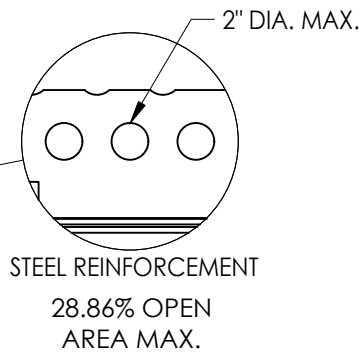
1
3 HORIZONTAL CROSS SECTION



50 SIDELITE PANEL



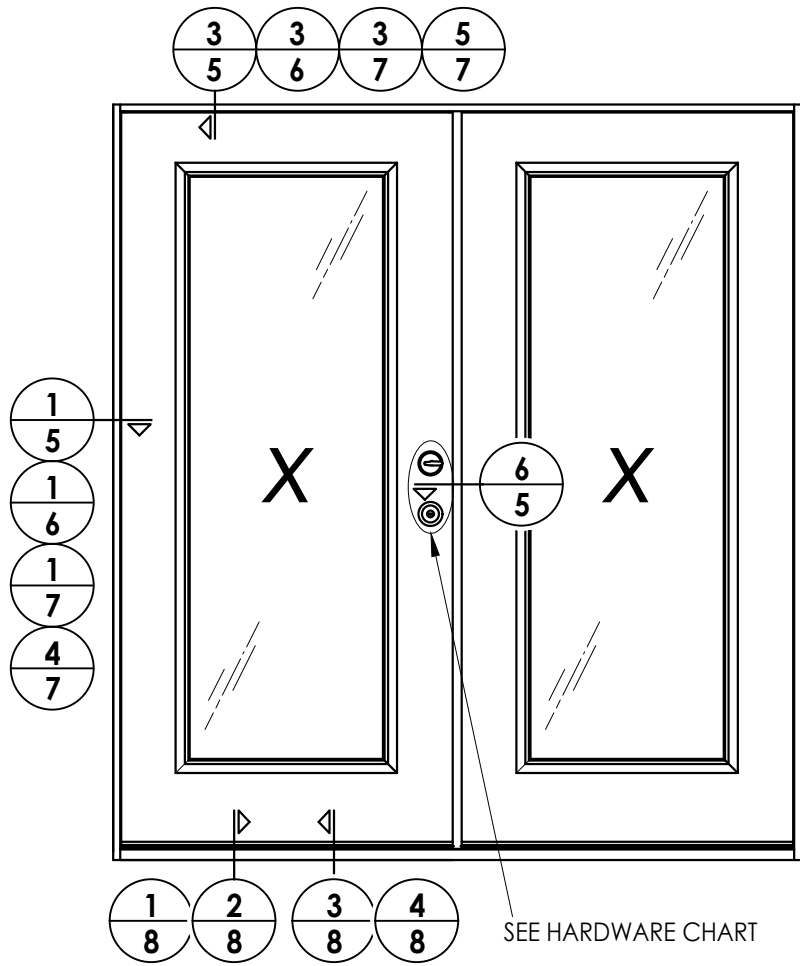
DETAIL A-A
PANEL REINFORCEMENT
(0.023" Thick Steel)



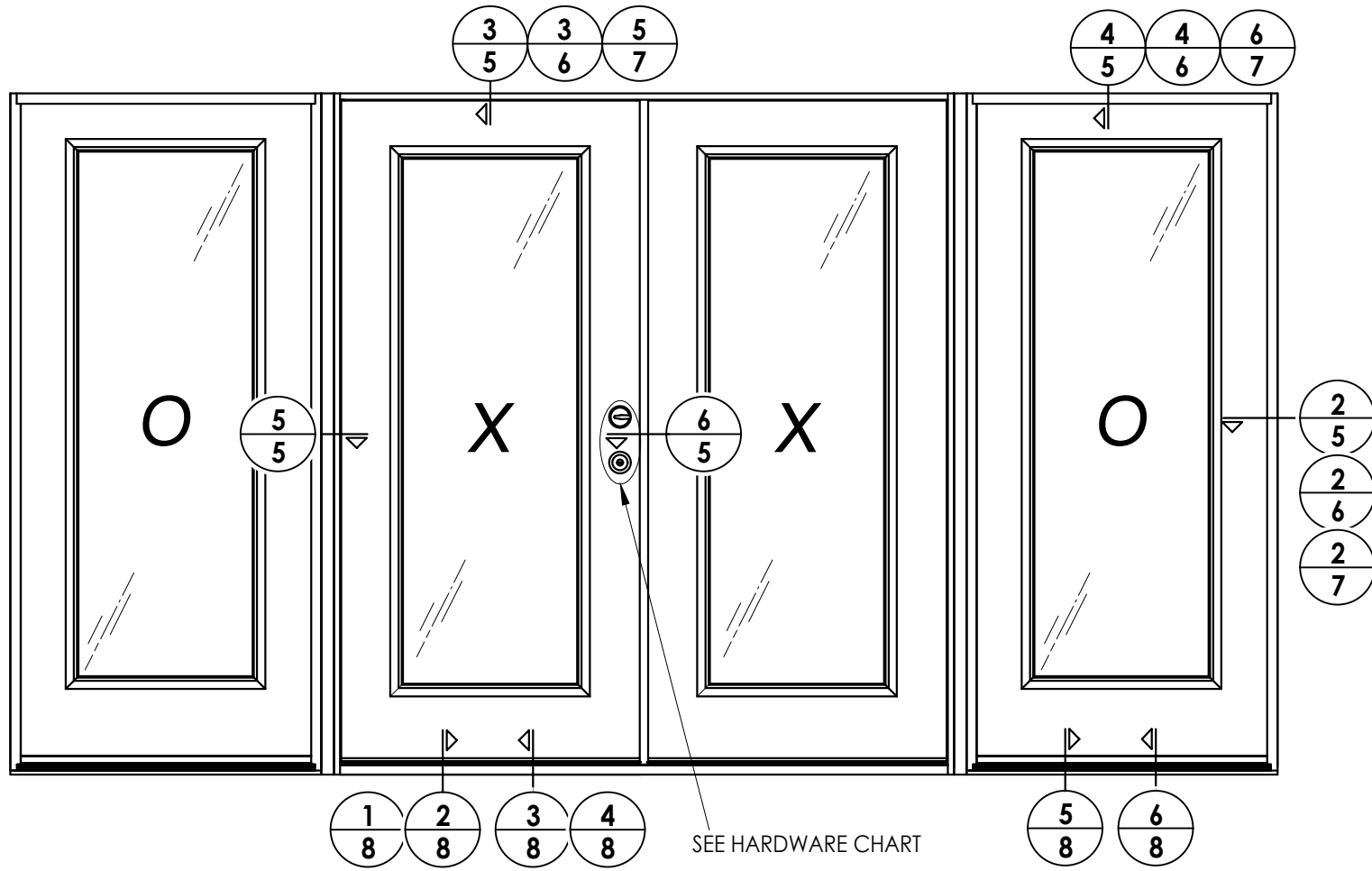
2
3 VERTICAL CROSS SECTION

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409										<i>R^W</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813																			
PRODUCT: THERMA-TRU FIBERGLASS DOOR																				PART OR ASSEMBLY: SIDELITE PANEL DETAILS									
									</																				

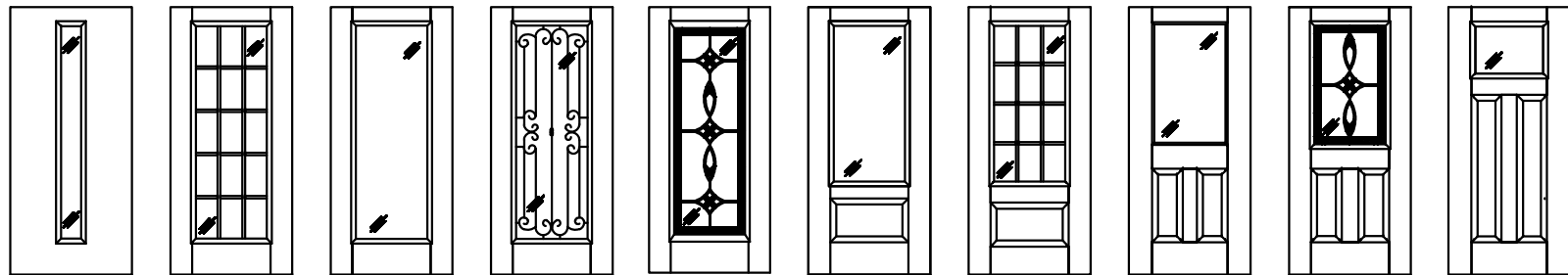
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ELEVATION
XX



ELEVATION
OXXO



Fiber-Classic/Smooth-Star Door Panel Options

Panel options shown are for illustration and are representative only
(similar glazed panel configurations are allowed)

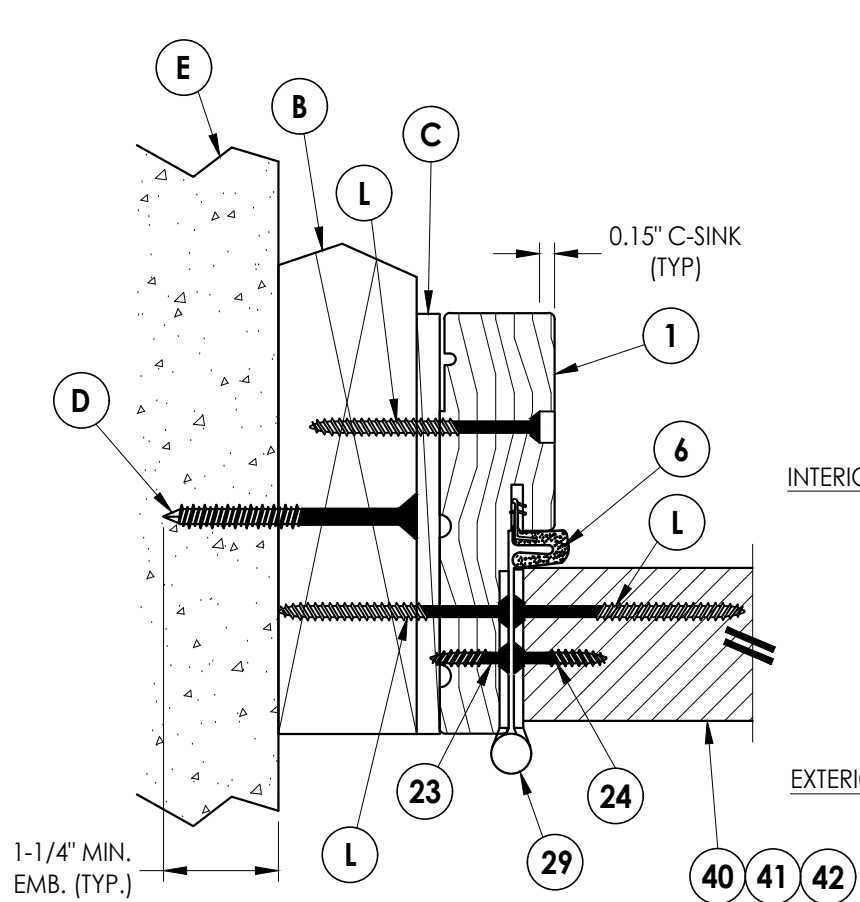
HARDWARE TABLE	
MANUFACTURER	MODEL
SCHLAGE	Knob: F51 Deadbolt: B60
Kwikset	Knob: SIGNATURE SERIES Deadbolt: SIGNATURE SERIES (980)
HOPPE (THERMA-TRU)	MULTIPOINT : MPDGSB (3 pt. Manual Shootbolt)

PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		ELEVATIONS	
		LFS	BY
		LFS	
		LFS	
		JK	
REVISIONS		NO.	DATE
DATE: 08/02/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20470.9			
SHEET 4 OF 14			

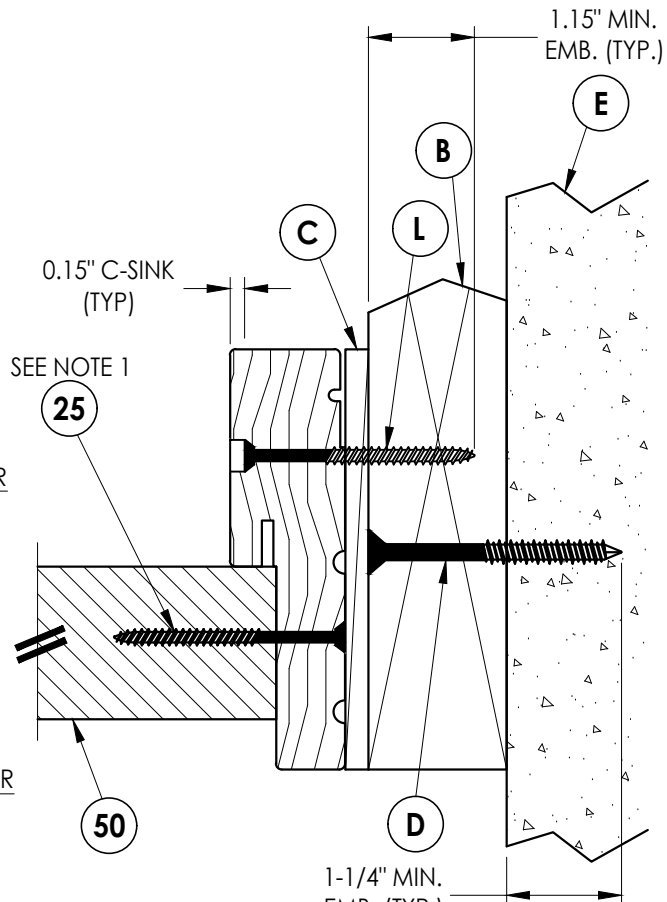
Documents Prepared By:
Lyndon F. Schmidt
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FBPE Registry No. 9813

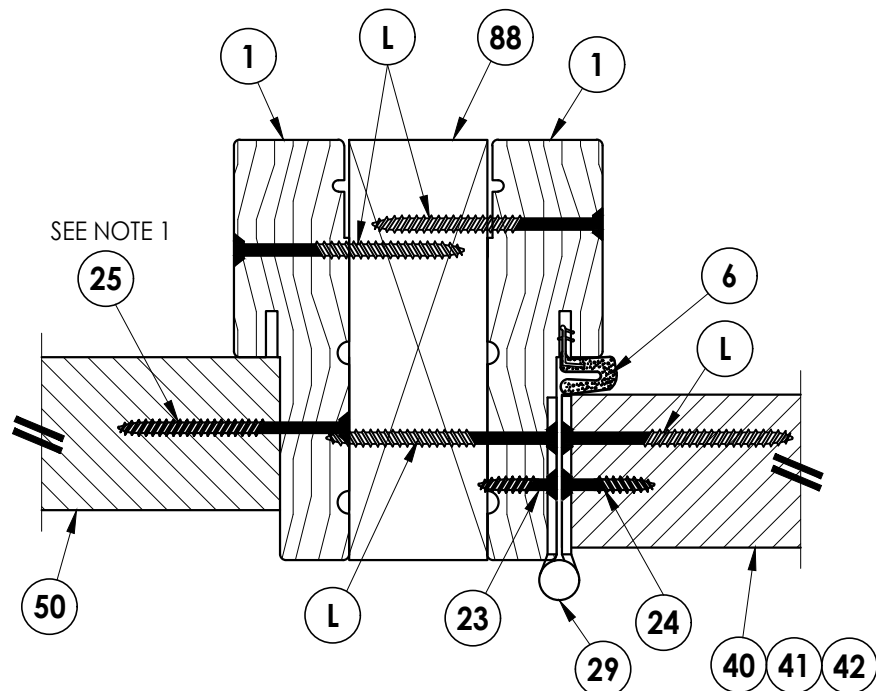
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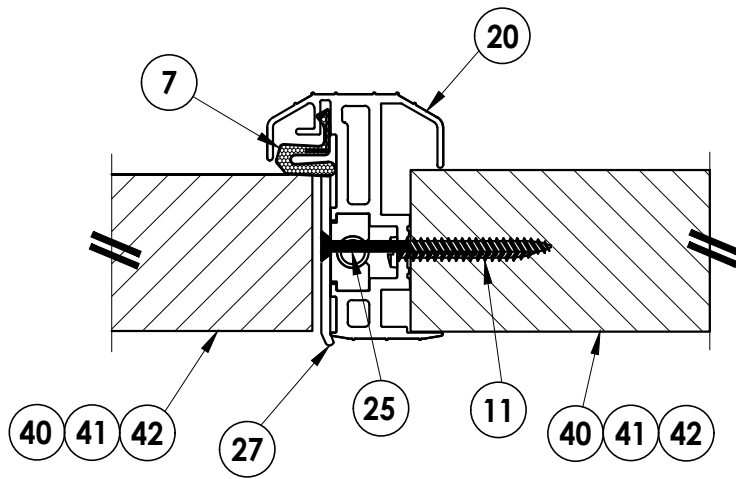
1 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



2 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)

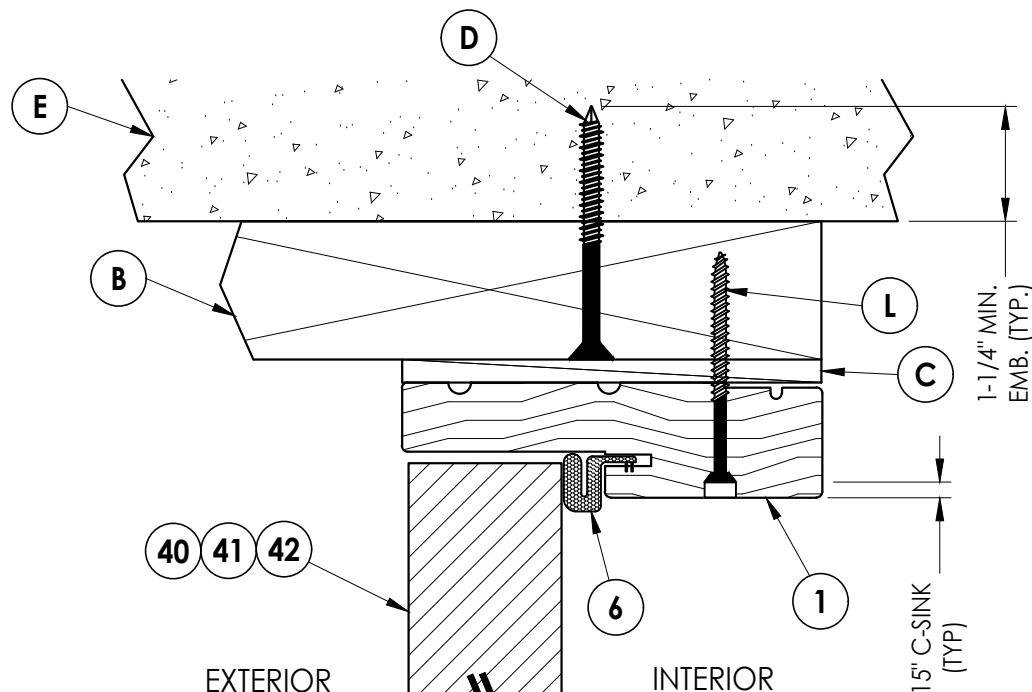


5 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)

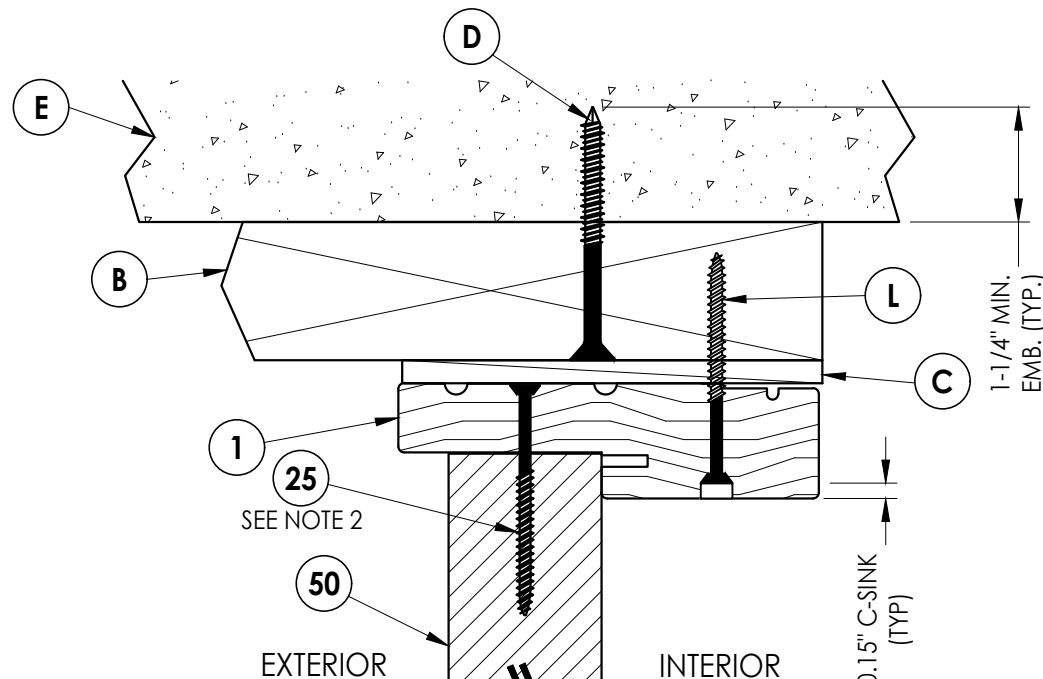


6 HORIZONTAL CROSS SECTION
5 Outswing shown (Inswing similar)

- Notes:
1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).



3 VERTICAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)



4 VERTICAL CROSS SECTION
5 Shown w/ 2X Buck
Outswing shown (Inswing similar)

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RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	7/25/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	7/22/20	UPDATE TO 7th ED. (2020) FBC LFS
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC JK

DATE: 08/02/16

SCALE: N.T.S.

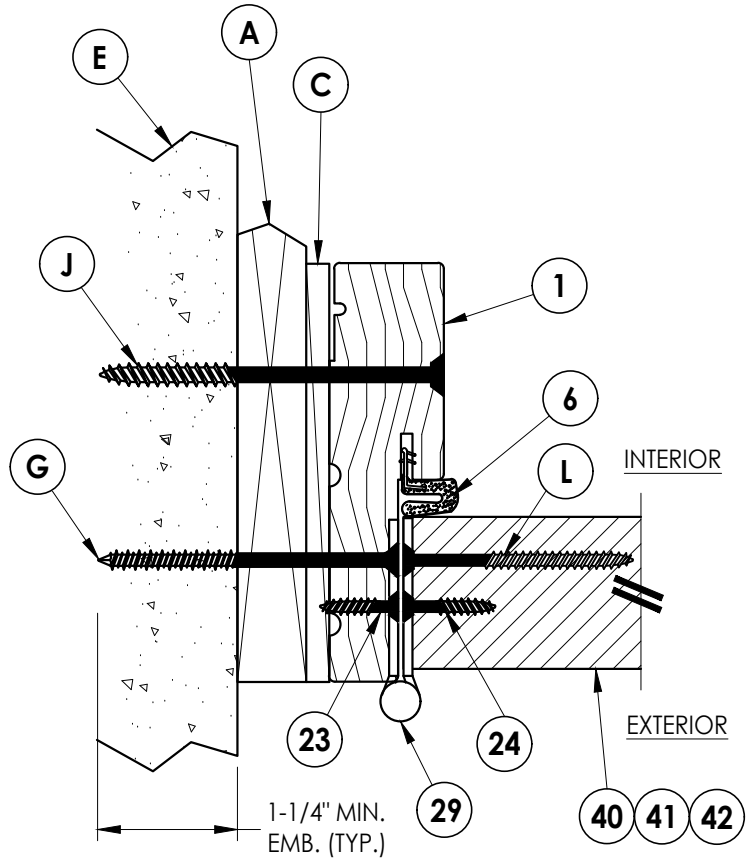
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CHK. BY: LFS

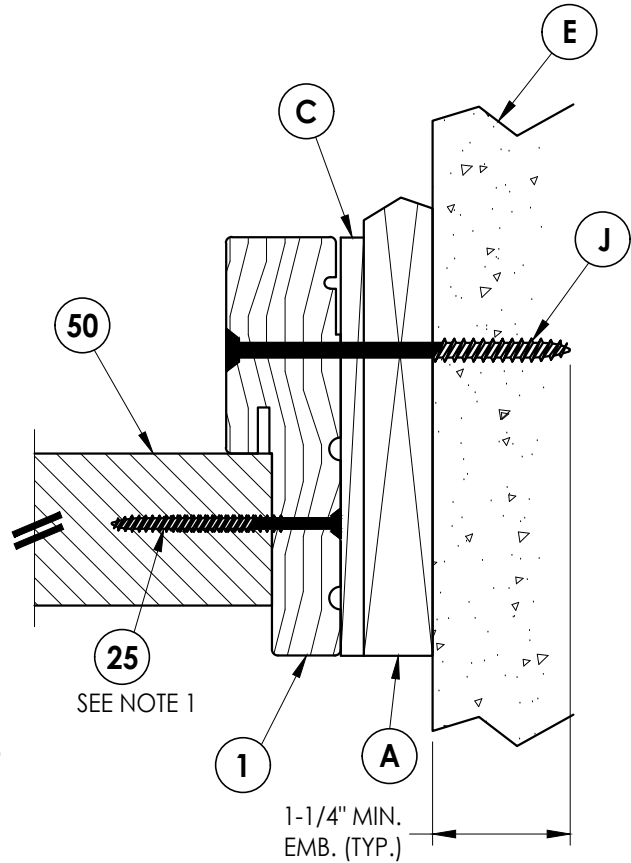
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SHEET 5 OF 14

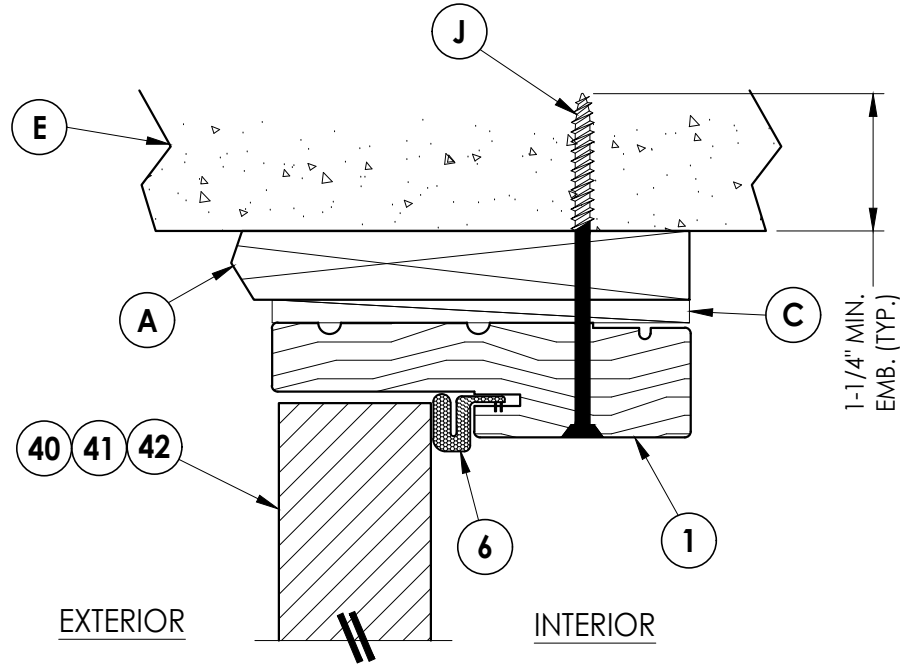
- Notes:
1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).



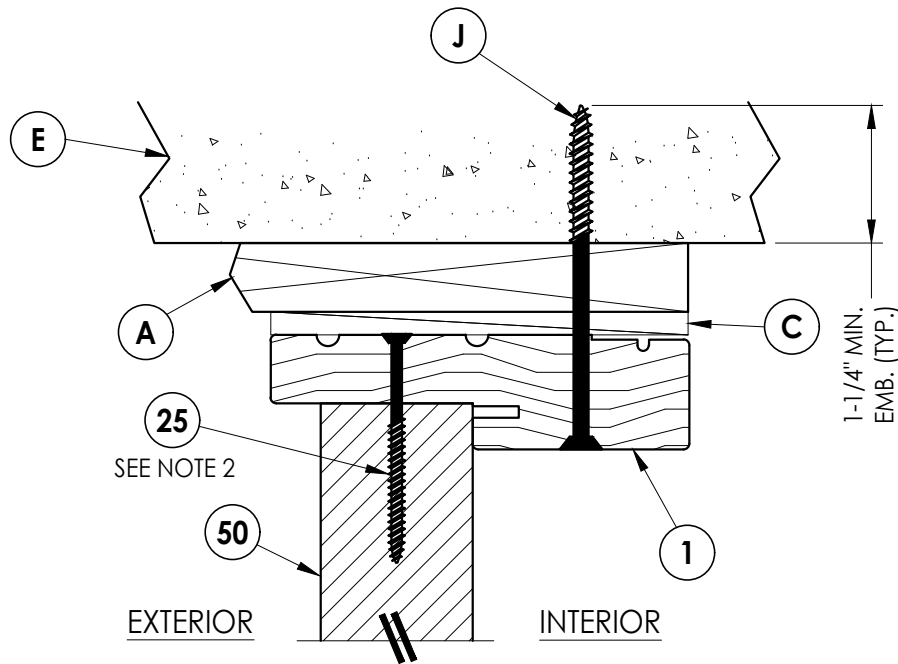
1
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



2
6 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



3
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



4
6 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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P.E. No. 43409

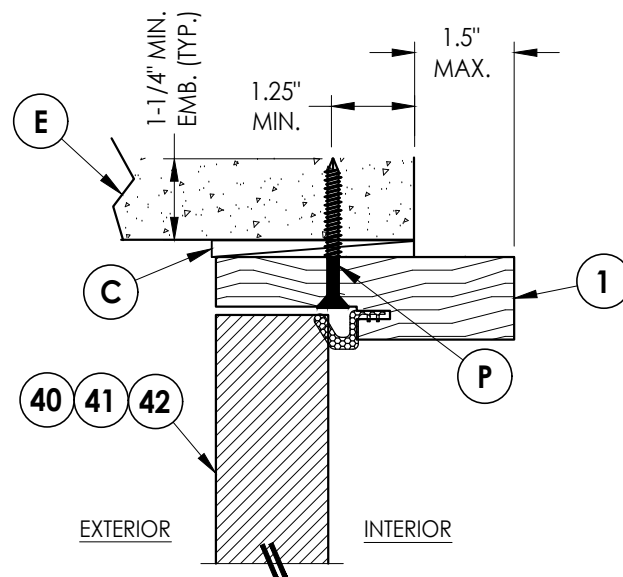
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: THERMA-TRU
FIBERGLASS DOOR

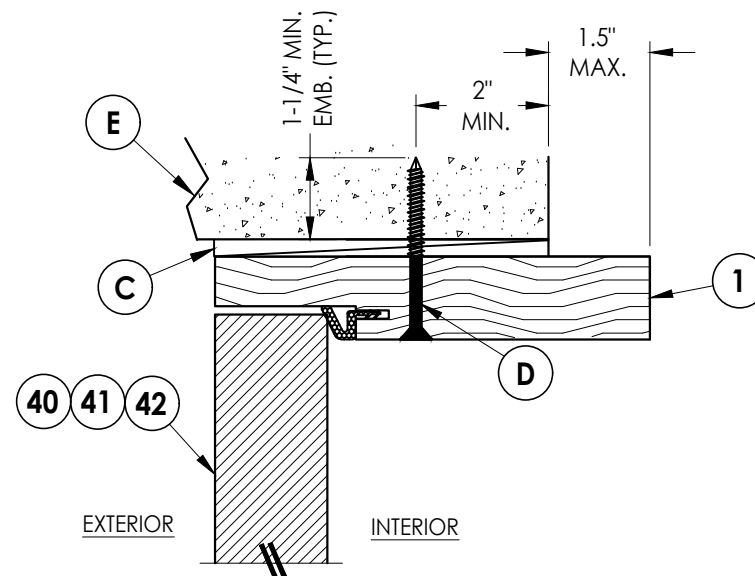
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

NO.	DATE	REVISIONS			
		DATE	BY	CHK	APP
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/22/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

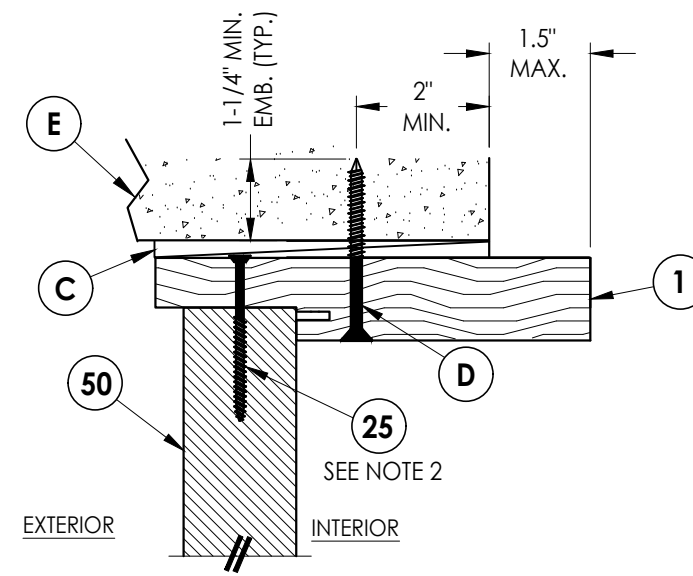
DATE: 08/02/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20470.9
SHEET 6 OF 14



3 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 4-9/16" jamb
 Double Door Only (N/A w/ Sidelites)



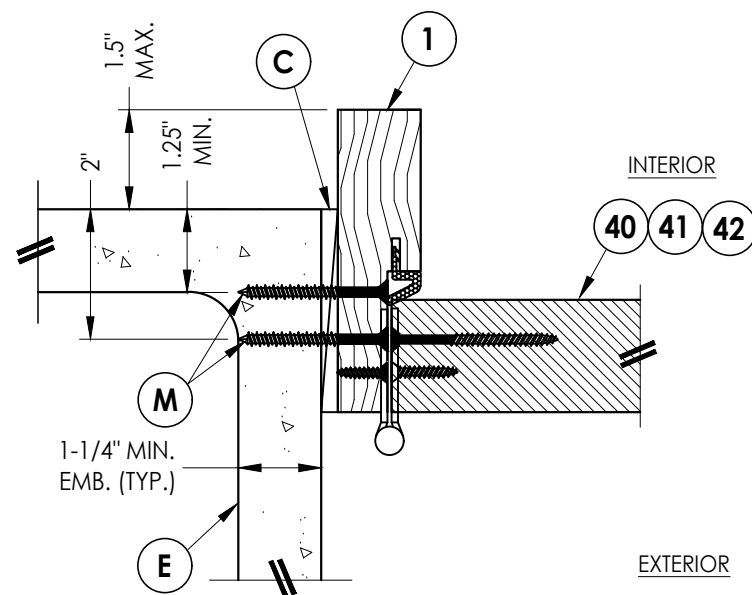
5 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb



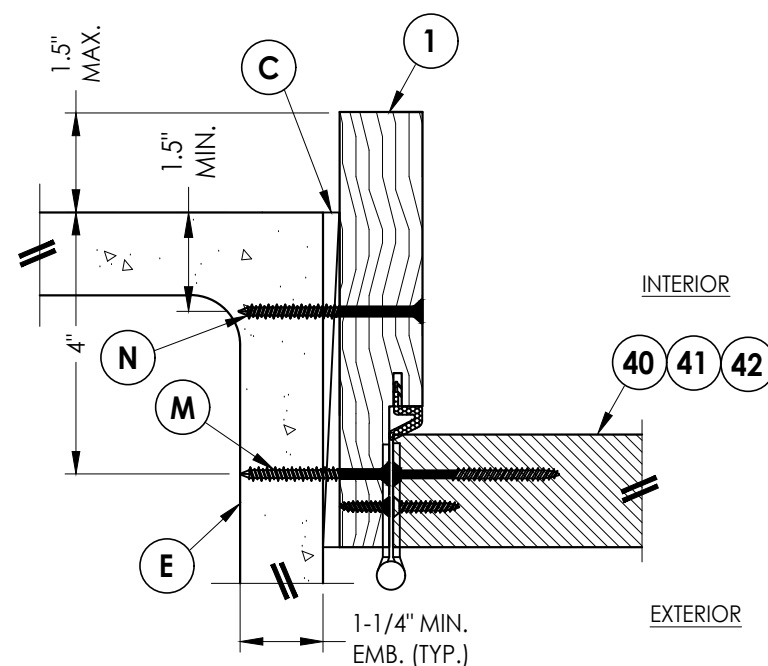
6 **VERTICAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb

Notes:

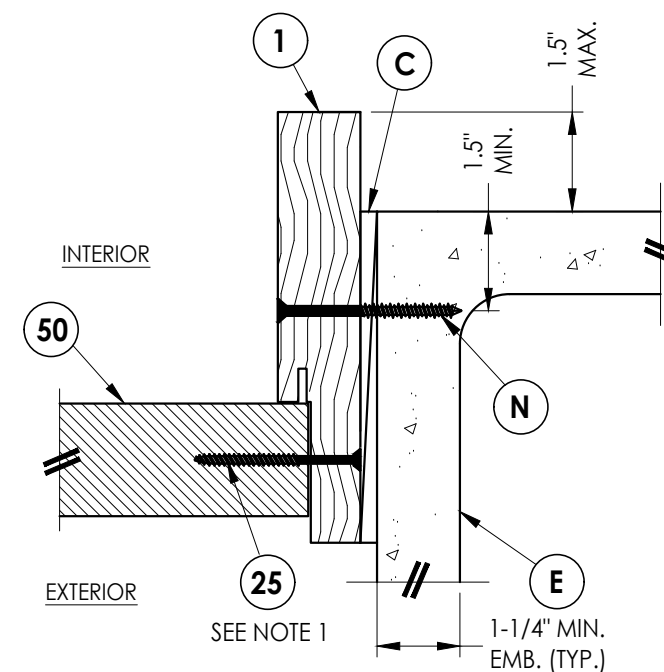
1. Sidelite assembly screws located 6" from each end plus 5 more equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end & at centerline (3 screws along head jamb).



1 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 4-9/16" jamb
 Double Door Only (N/A w/ Sidelites)



4 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb

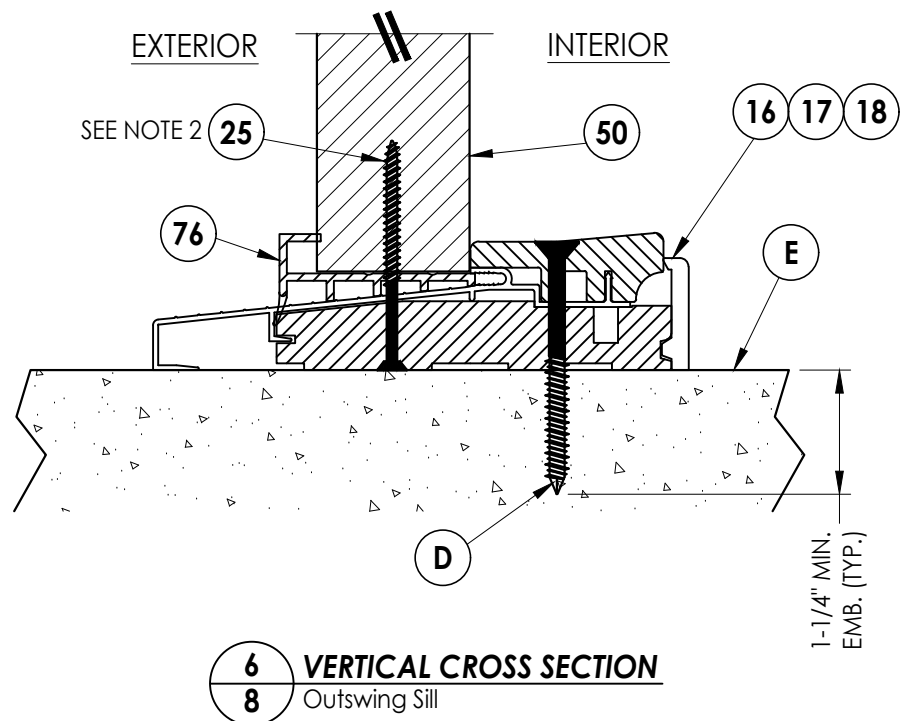
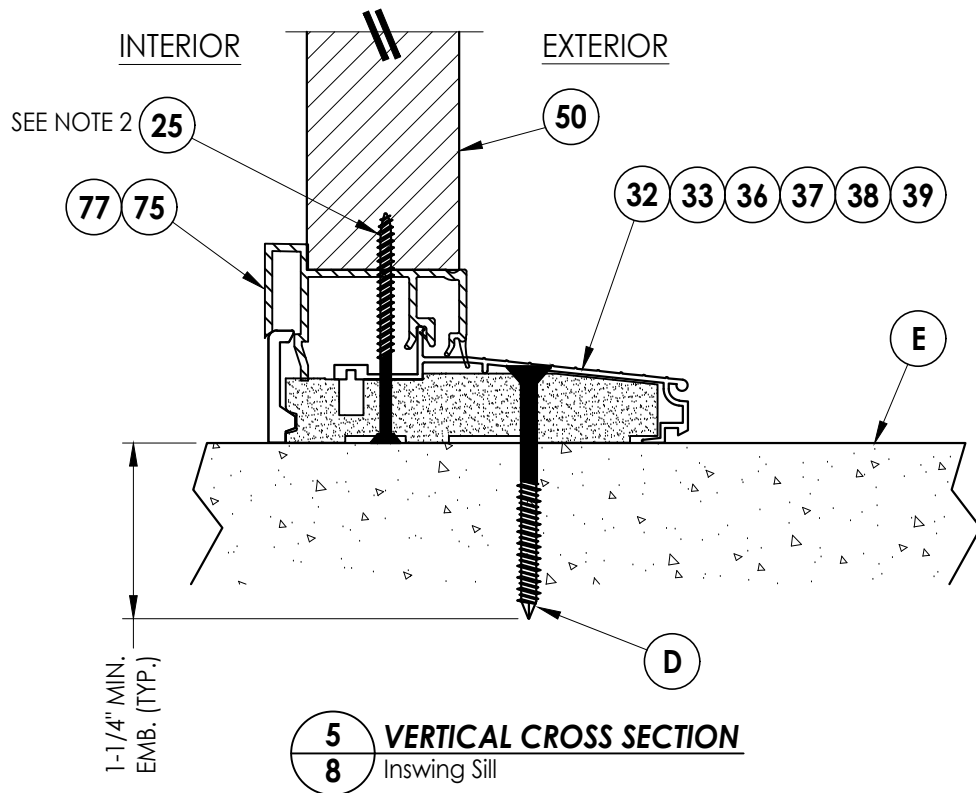
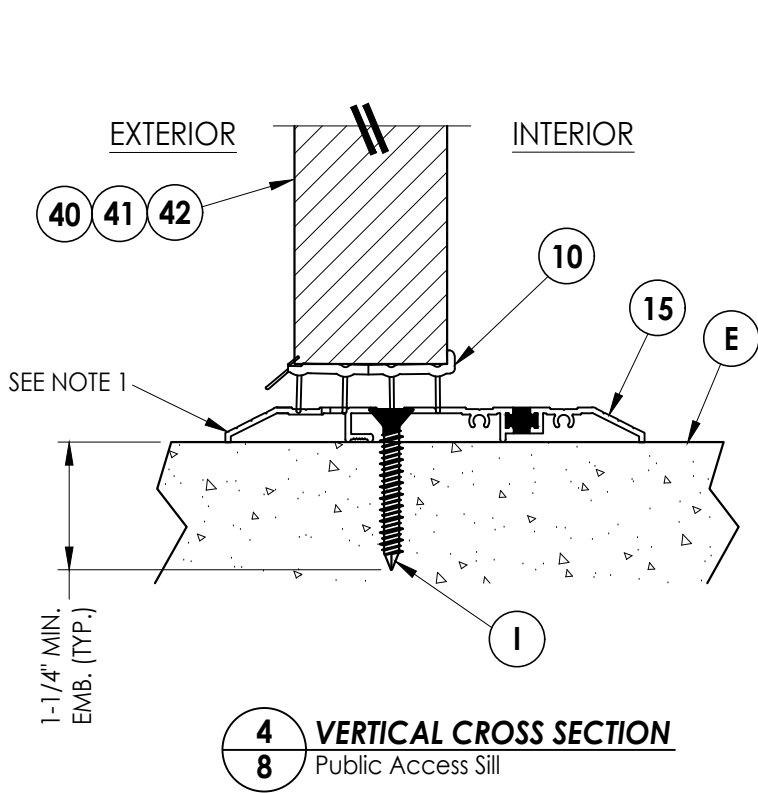
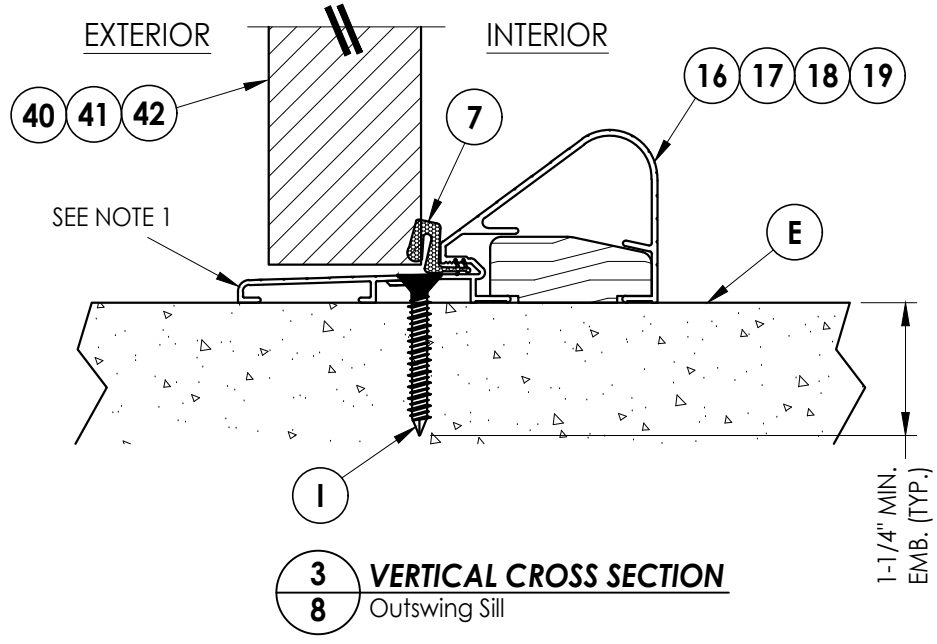
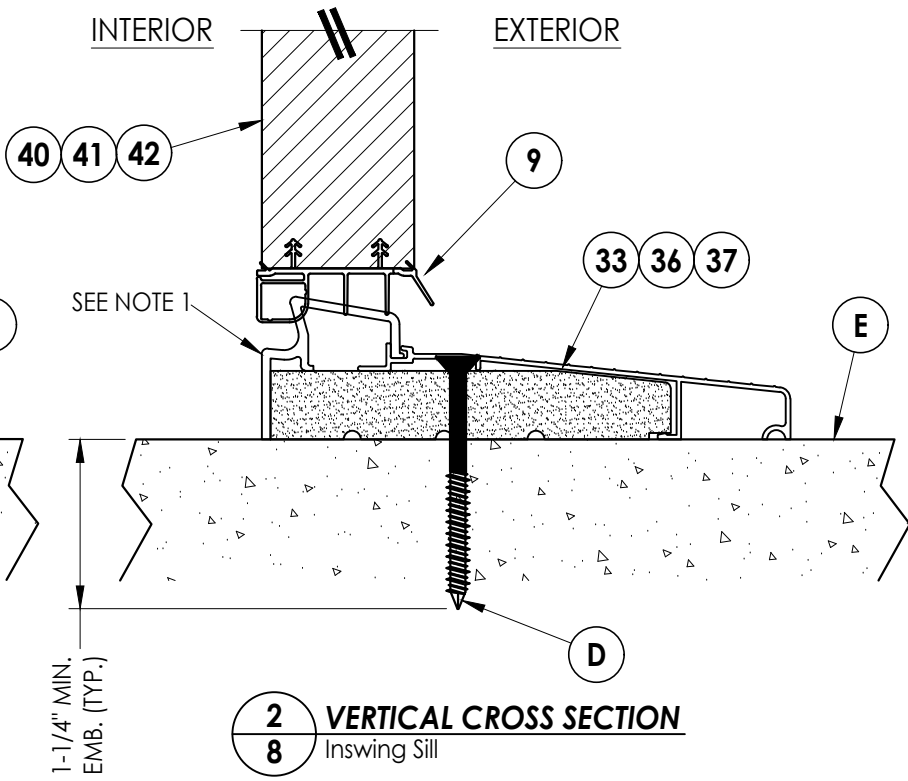
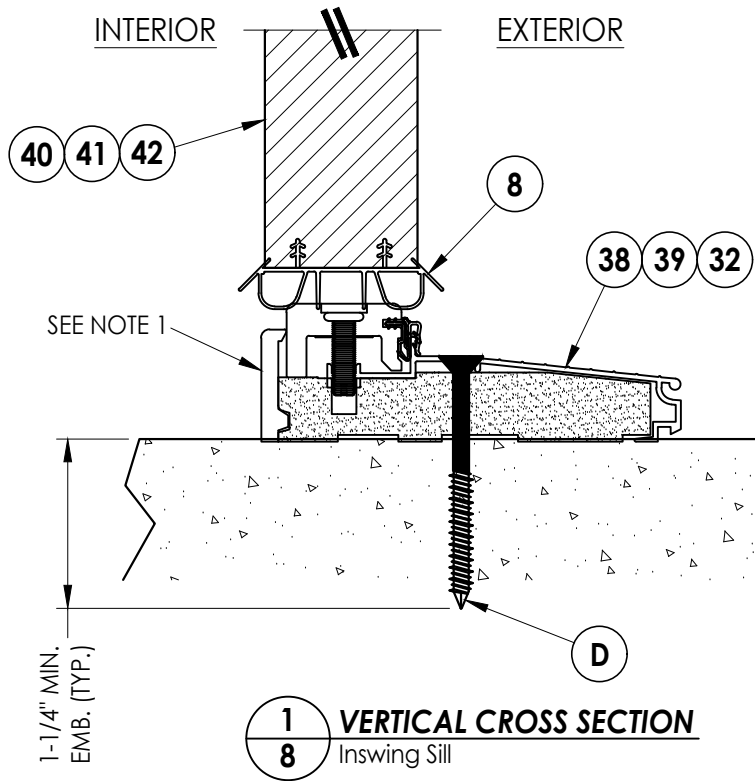


2 **HORIZONTAL CROSS SECTION**
7 Shown Direct to Masonry
 Outswing only w/ 6-9/16" jamb

DATE: 8/10/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-20470.9					
SHEET 7 OF 14					
		7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
		7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
		7/22/20	UPDATE TO 7th ED. (2020)	FBC	LFS
		7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK
		NO.	DATE	BY	
REVISIONS					
PRODUCT:		THERMA-TRU FIBERGLASS DOOR			
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)			
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					

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- Notes:
- Sill Item #'s 16, 32, 33, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
Sill Item #'s 17, 18 & 19 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS at each end.
 - Sidelite assembly screws located 3" from each end & at centerline (3 screws along sill).



Documents Prepared By:
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P.E. No. 43409

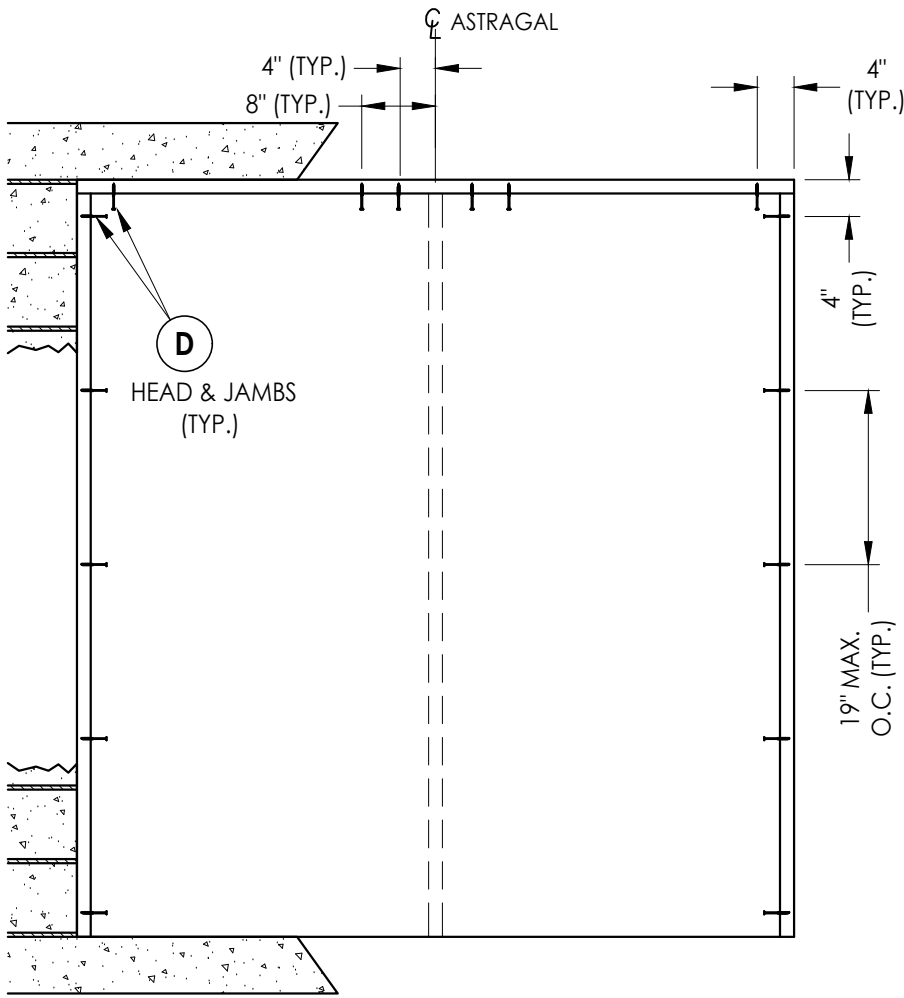
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Phone No.: 813.659.9197
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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

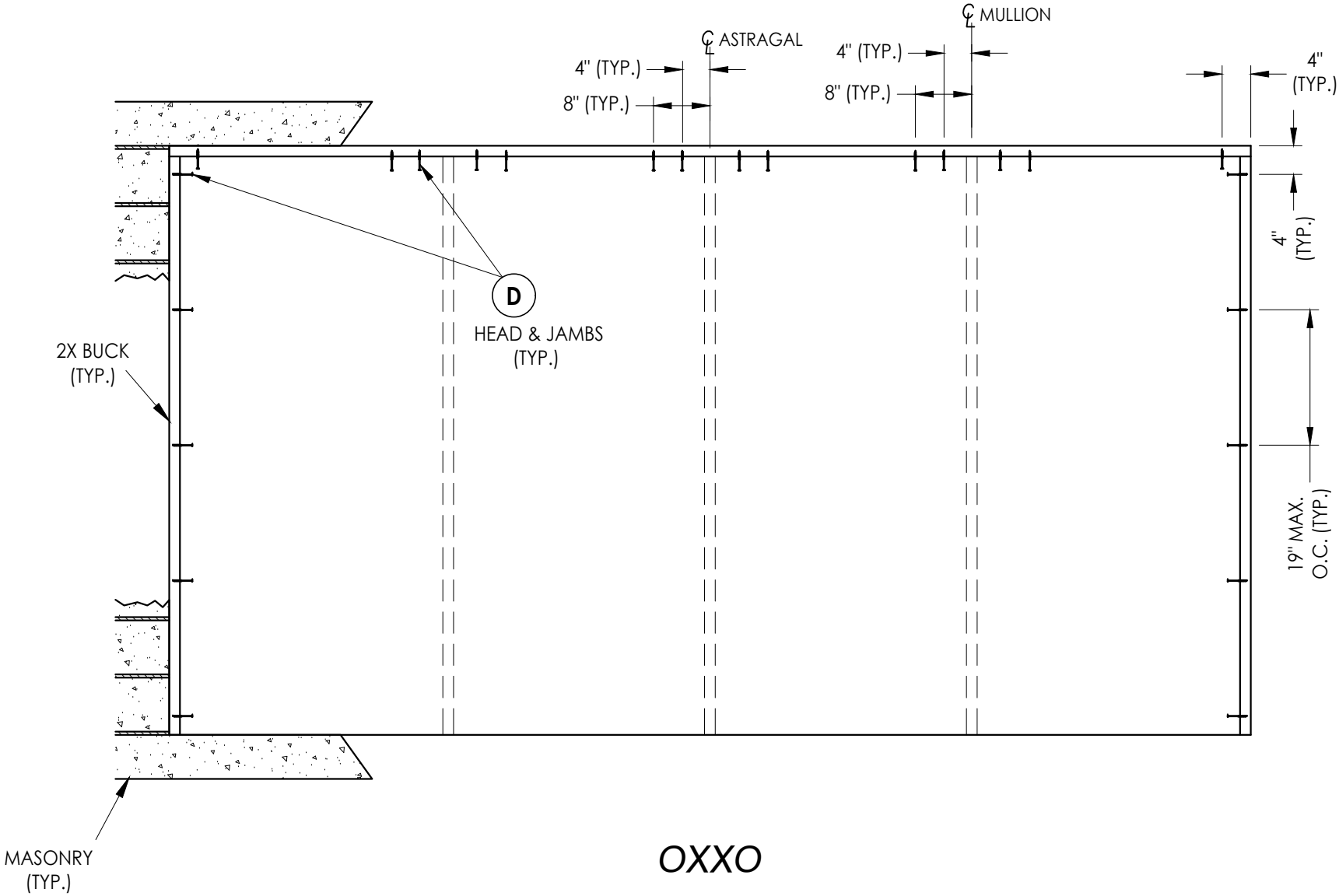
PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

NO.	DATE	REVISIONS			
		DATE	BY	JK	LFS
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3	7/25/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	7/22/20	UPDATE TO 7th ED (2020)	FBC	LFS	
1	7/14/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
DATE: 08/02/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-20470.9					
SHEET 8 OF 14					

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XX



OXXO

2X BUCK ANCHORING

REVISIONS	
NO	DATE
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3	7/25/23
2	7/22/20
1	7/14/17

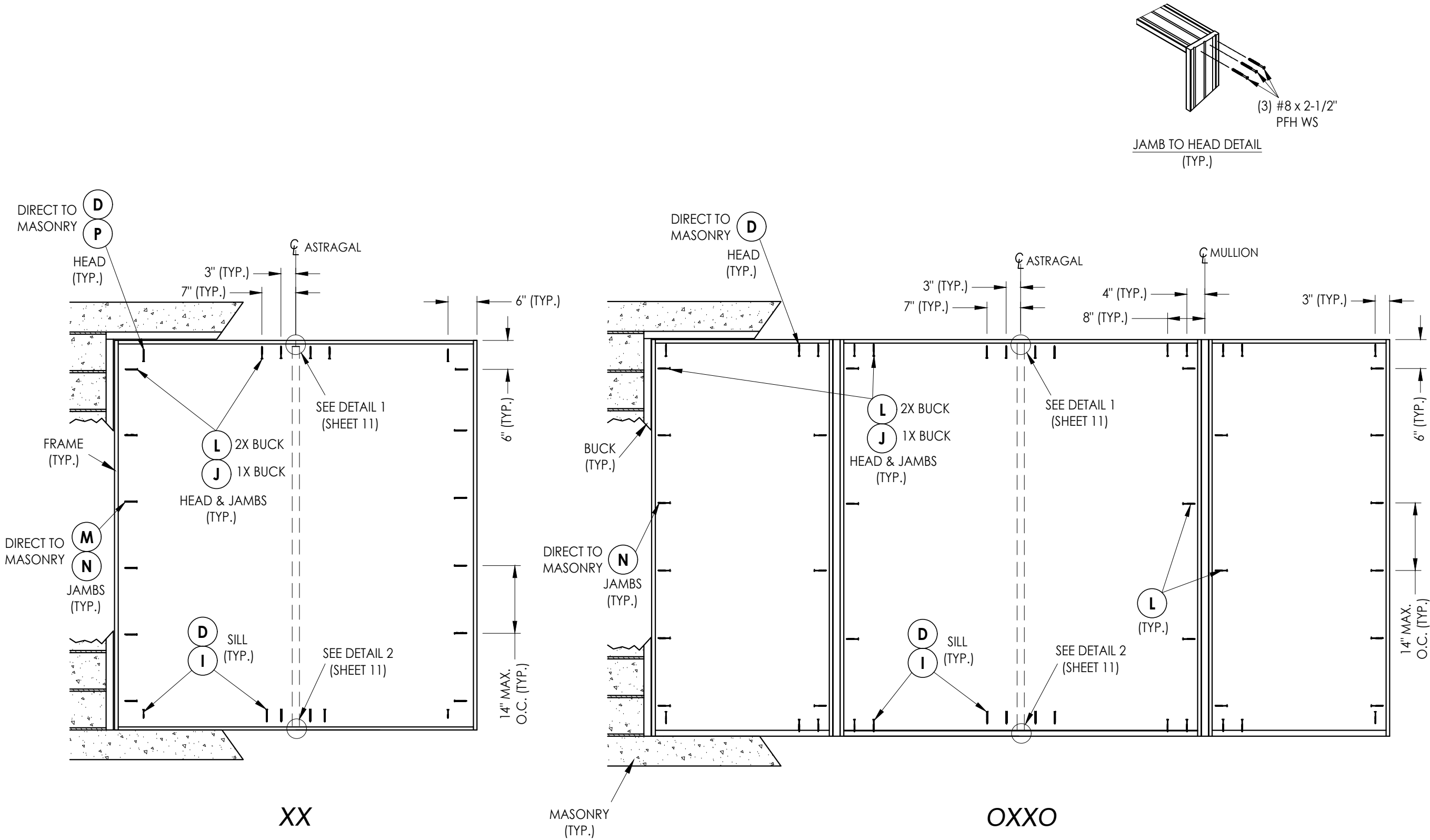
DATE:	08/02/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20470.9
SHEET	9 OF 14

PRODUCT:	THERMA-TRU FIBERGLASS DOOR
	PART OR ASSEMBLY: BUCK ANCHORING

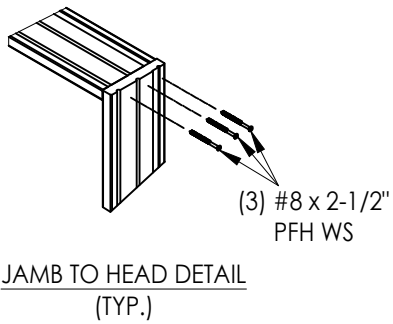
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

**R.W. BUILDING CONSULTANTS, INC.**
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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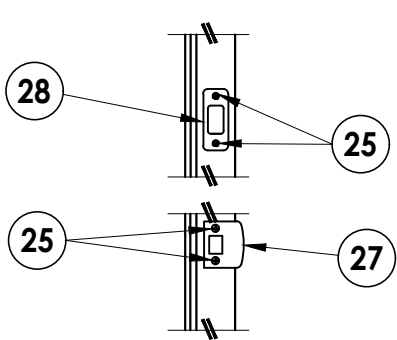


FRAME ANCHORING

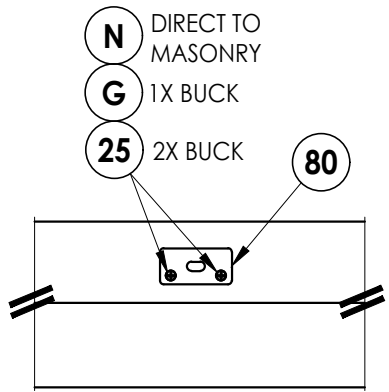


Documents Prepared By:		Lyndon F. Schmidt P.E. No. 43409		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:		THERMA-TRU FIBERGLASS DOOR		PART OR ASSEMBLY: FRAME ANCHORING	
			LFS		
		UPDATE TO 9TH ED. (2026)	FBC	LFS	
		UPDATE TO 8TH ED. (2023)	FBC	LFS	
		UPDATE TO 7th ED (2020)	FBC	LFS	
		UPDATE TO 6TH ED. (2017)	FBC	JK	
		NO.	DATE	BY	
REVISIONS					
DATE: 08/02/16					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-20470.9					
SHEET 10 OF 14					

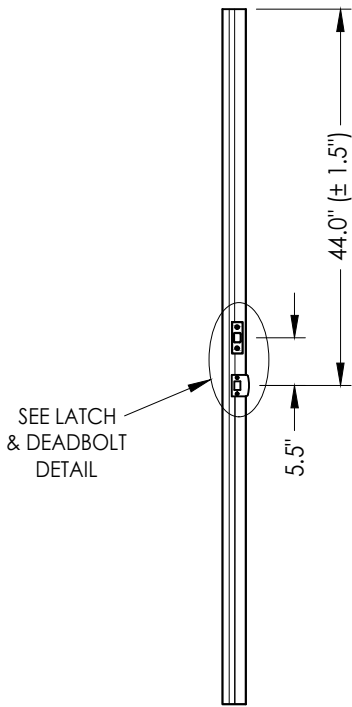
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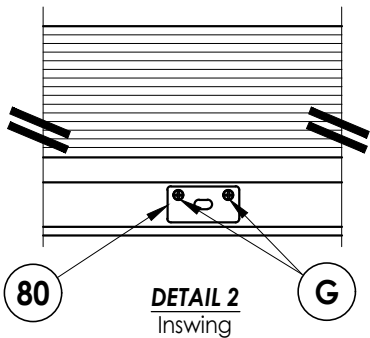
LATCH & DEADBOLT DETAIL
Schlage / Kwikset



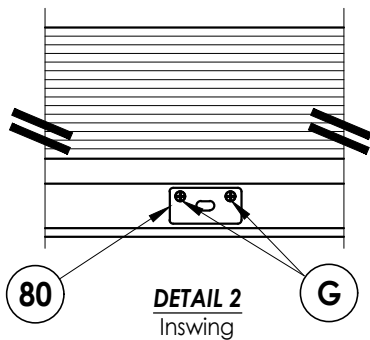
DETAIL 1
Coastal Astragal Strike Plate @ Head



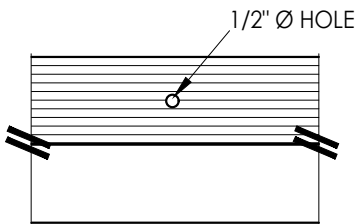
ASTRAGAL
Latch and Deadbolt



DETAIL 2
Inswing
Coastal Astragal Strike Plate @ Sill

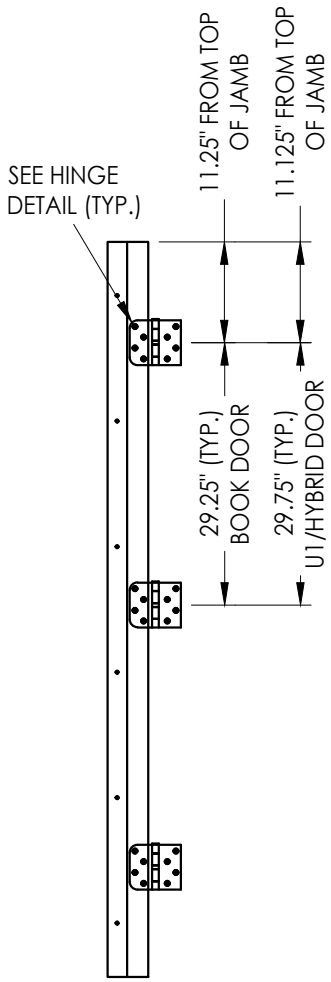


DETAIL 2
Inswing
Coastal Astragal Strike Plate @ Sill

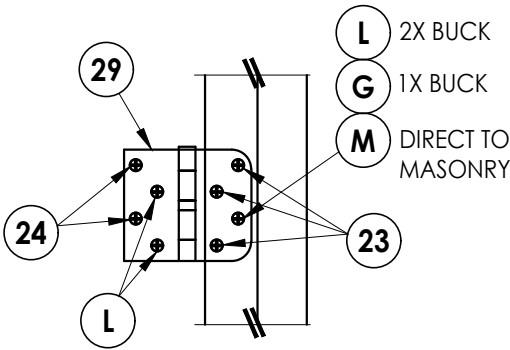


DETAIL 2
Outswing
Astragal Bolt Hole @ Sill

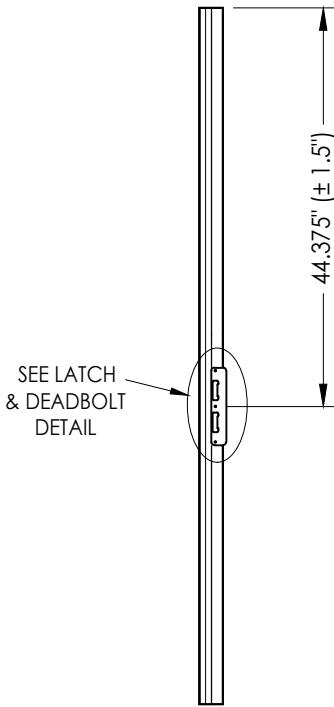
LATCH & DEADBOLT STRIKE DETAILS



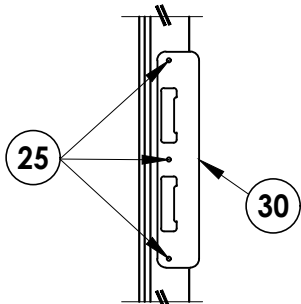
HINGE JAMB



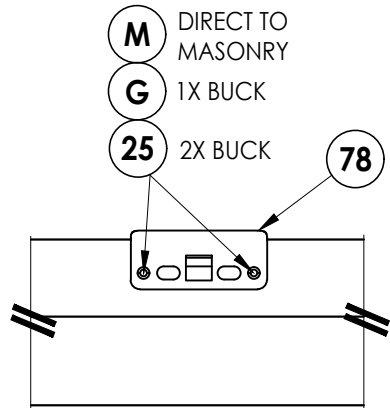
HINGE DETAIL



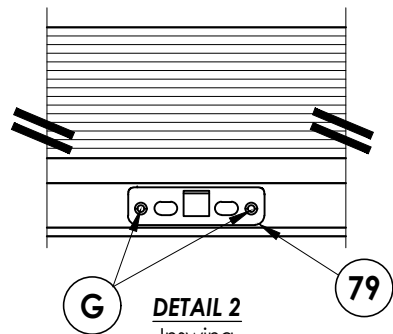
ASTRAGAL
Multipoint Lock



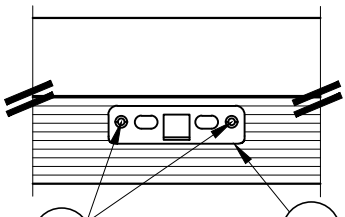
LATCH & DEADBOLT DETAIL
Multipoint Lock



DETAIL 1
Multipoint Lock Strike Plate @ Head



DETAIL 2
Inswing
Multipoint Lock Strike Plate @ Sill



DETAIL 2
Outswing
Multipoint Lock Strike Plate @ Sill

MULTIPOINT LOCK STRIKE DETAILS

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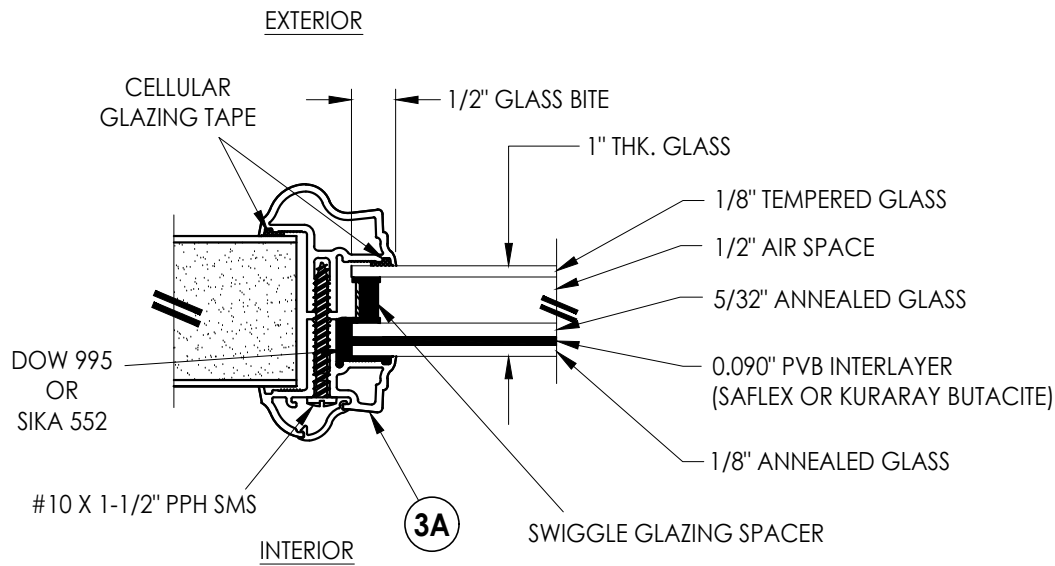
PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
HARDWARE DETAILS

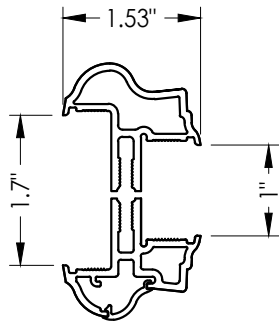
NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC
3	7/25/23	UPDATE TO 8TH ED. (2023) FBC
2	7/22/20	UPDATE TO 7th ED. (2020) FBC
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC

DATE:	08/02/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20470.9
SHEET	11 OF 14

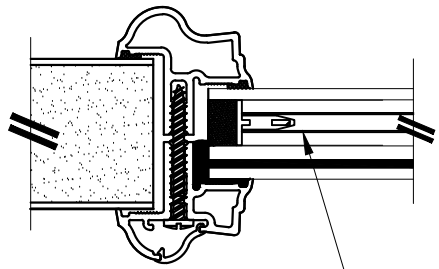
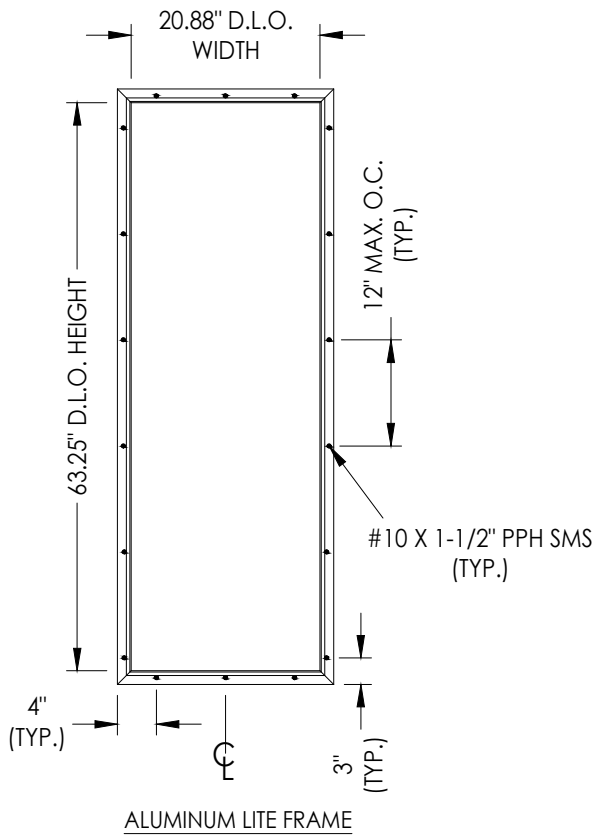
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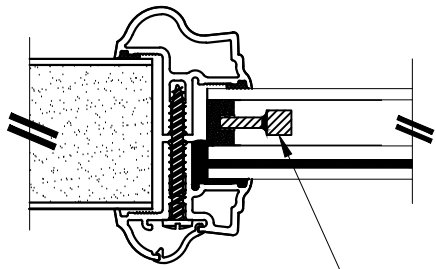
G1 GLAZING DETAIL
Aluminum Impact Lite Frame
Door Panels & Sidelites



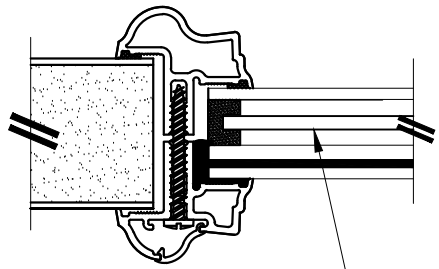
3A ALUMINUM FRAME
Aluminum Impact Lite Frame
Door Panels & Sidelites



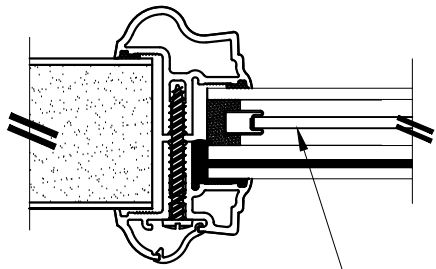
INTERNAL GRID (GBG)



WROUGHT IRON INSERT



PRIVACY INSERT



DECORATIVE INSERT

1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS

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PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
GLAZING DETAILS

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	7/25/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	7/22/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC JK
		BY

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

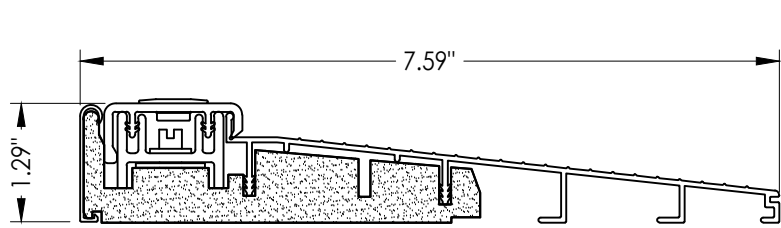
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DRAWING NO.:

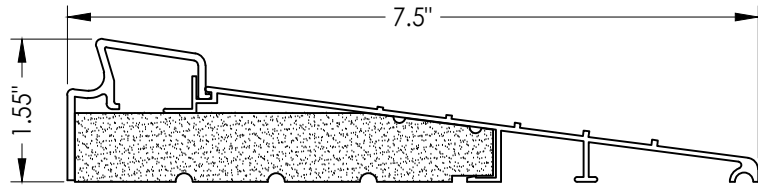
FL-20470.9

SHEET 12 OF 14

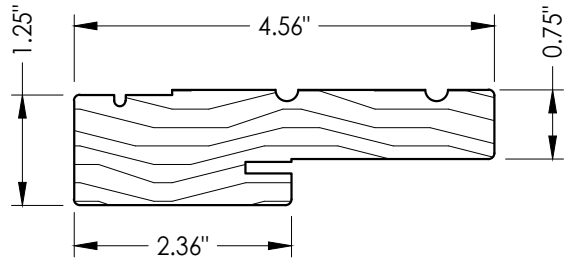
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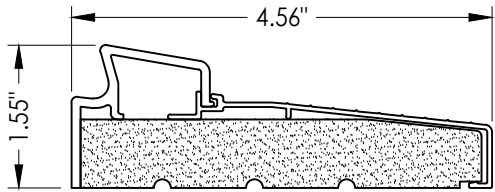
32 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill 7-1/2"



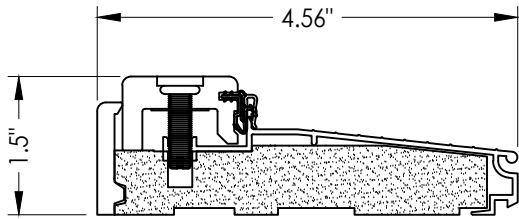
37 INSWING THRESHOLD
Inswing Basic Fixed 7-1/2" Sill



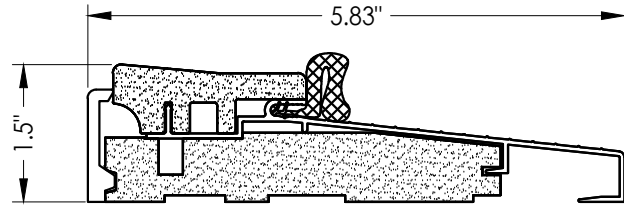
1 WOOD JAMB



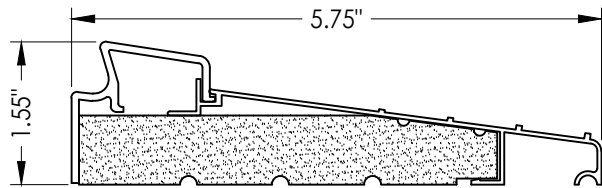
33 INSWING THRESHOLD
Inswing Basic Fixed Sill



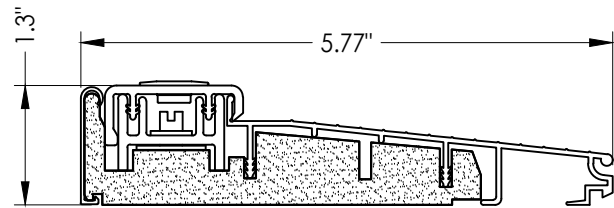
38 INSWING THRESHOLD
Inswing Composite Adjustable Sill



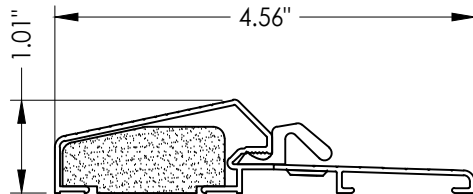
16 OUTSWING THRESHOLD
Composite Sill



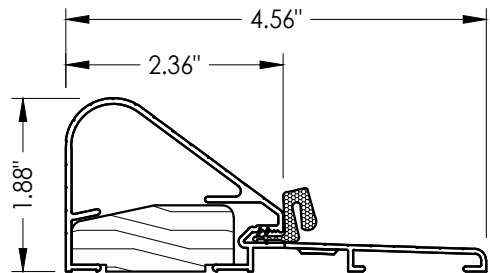
36 INSWING THRESHOLD
Inswing Basic Fixed 5-3/4" Sill



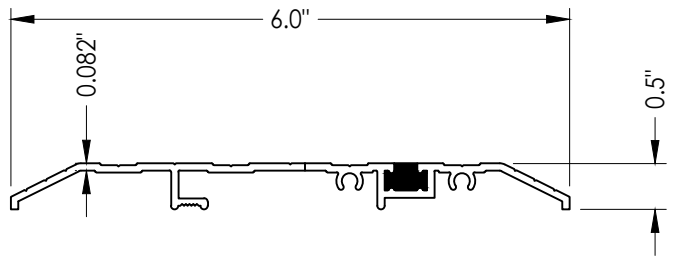
39 INSWING THRESHOLD
Inswing Basic Composite Adjustable Sill



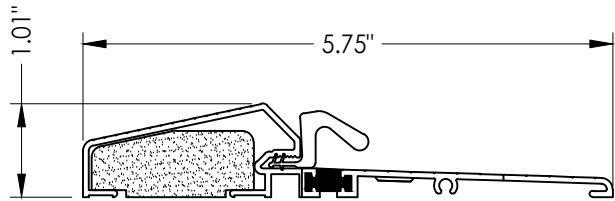
17 OUTSWING THRESHOLD
Composite / Aluminum Sill



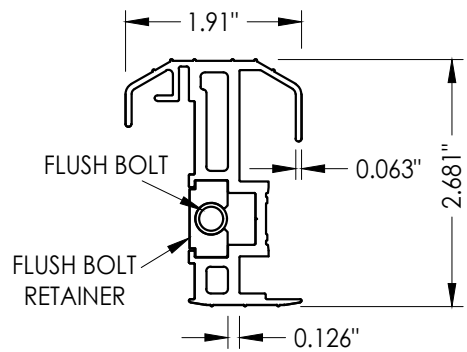
19 COASTAL OUTSWING THRESHOLD
Wood / Aluminum Sill



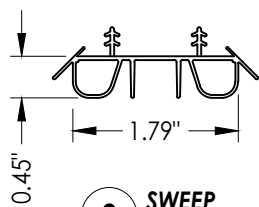
15 PUBLIC ACCESS THRESHOLD



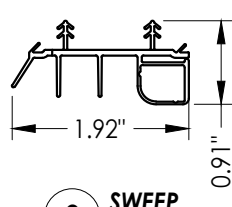
18 OUTSWING THRESHOLD
Composite / Aluminum Sill
(Thermal Break)



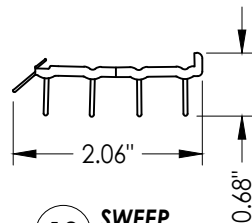
20 COASTAL ALUMINUM ASTRAGAL



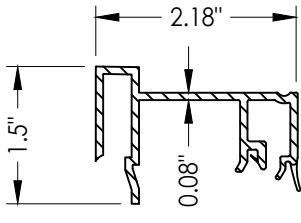
8 SWEEP



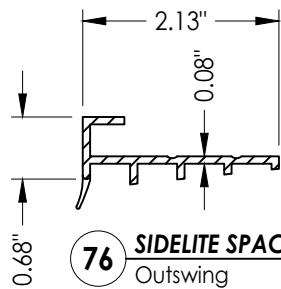
9 SWEEP



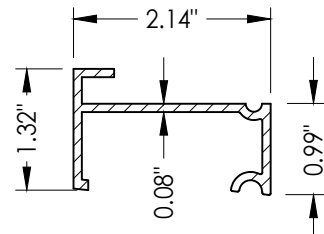
10 SWEEP



75 SIDELITE SPACER
Inswing



76 SIDELITE SPACER
Outswing



77 SIDELITE SPACER
Inswing
Moderate Climate Threshold

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FBPE Registry No. 9813

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:

COMPONENTS

NO.	DATE	REVISIONS	BY
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	7/25/23	UPDATE TO 8TH ED. (2023) FBC	LFS
2	7/22/20	UPDATE TO 7th ED (2020) FBC	LFS
1	7/14/17	UPDATE TO 6TH ED. (2017) FBC	JK

DATE: 08/02/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20470.9

SHEET 13 OF 14

BILL OF MATERIALS			BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL	ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD	25	#8 x 2-1/2" PFH WOOD SCREW	STEEL
B	2X BUCK (SG >= 0.42)	WOOD	26	#8 x 5/8" PFH WOOD SCREW	STEEL
C	1/4" MAX. SHIM SPACE	-	27	LATCH STRIKE PLATE	STEEL
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	28	DEADBOLT STRIKE PLATE	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	29	4" X 4" HINGE	STEEL
			32	INSWING THRESHOLD	ALUM/COMP
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL	33	INSWING THRESHOLD	ALUM/COMP
I	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	36	INSWING THRESHOLD	ALUM/COMP
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	37	INSWING THRESHOLD	ALUM/COMP
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	38	INSWING THRESHOLD	ALUM/COMP
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL	39	INSWING THRESHOLD	ALUM/COMP
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL	40	DOOR PANEL (BOOK)	-
P	1/4" X 2-3/4" PFH DeWALT CONCRETE SCREW	STEEL	41	DOOR PANEL (HYBRID)	-
1	JAMB (FINGER JOINT PINE)	WOOD	42	DOOR PANEL (U1)	-
6	WEATHERSTRIP (MEDIUM REACH)	FOAM	50	SIDELITE	-
7	WEATHERSTRIP (LONG REACH)	FOAM	75	SIDELITE SPACER (INSWING)	PVC
8	SWEEP	VINYL	76	SIDELITE SPACER (OUTSWING)	PVC
9	SWEEP (USE W/ MODERATE CLIMATE THRESHOLD)	VINYL	77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	PVC
10	SWEEP (USE W/ PUBLIC ACCESS THRESHOLD)	VINYL	78	MULTIPOINT LOCK STRIKE PLATE @ HEAD	STEEL
11	#10 X 1-3/4" PFH WOOD SCREW	STEEL	79	MULTIPOINT LOCK STRIKE PLATE @ SILL	STEEL
15	PUBLIC ACCESS THRESHOLD	ALUM	80	ASTRAGAL STRIKE PLATE	STEEL
16	OUTSWING THRESHOLD	ALUM/COMP	88	2X MULLION (SG >= 0.55)	WOOD
17	OUTSWING THRESHOLD	ALUM/COMP	CORROSION RESISTANCE - SALTWATER ENVIRONMENTS Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R3 CONCRETE ANCHOR NOTES: Concrete anchor locations at the corners may be adjusted		
18	OUTSWING THRESHOLD	ALUM/COMP			
19	COASTAL OUTSWING THRESHOLD	ALUM/WOOD			
20	COASTAL ALUMINUM ASTRAGAL	ALUM			
23	#10 x 3/4" PFH WOOD SCREW	STEEL			
24	#10 x 1" PFH WOOD SCREW	STEEL			

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

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®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

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.

Documents Prepared By:
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T: THERMA-TRU
FIBERGLASS DOOR

FOR ASSEMBLY:
BILL OF MATERIALS

[illegible]

DATE: 08/02/16

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: *LFS*

DRAWING NO.:

FL-20470.9

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