

R:\Clients\Therma Tru PERMANENT\A - Florida Product Approvals\FL-21132 Steel Wood Edge Impact Non-HVHZ\C - Drawings\FL 21132 (2020)\FL-21132.1-5.dwg, FL-21132.2

THERMA TRU®
DOORS

Profiles™ & Traditions

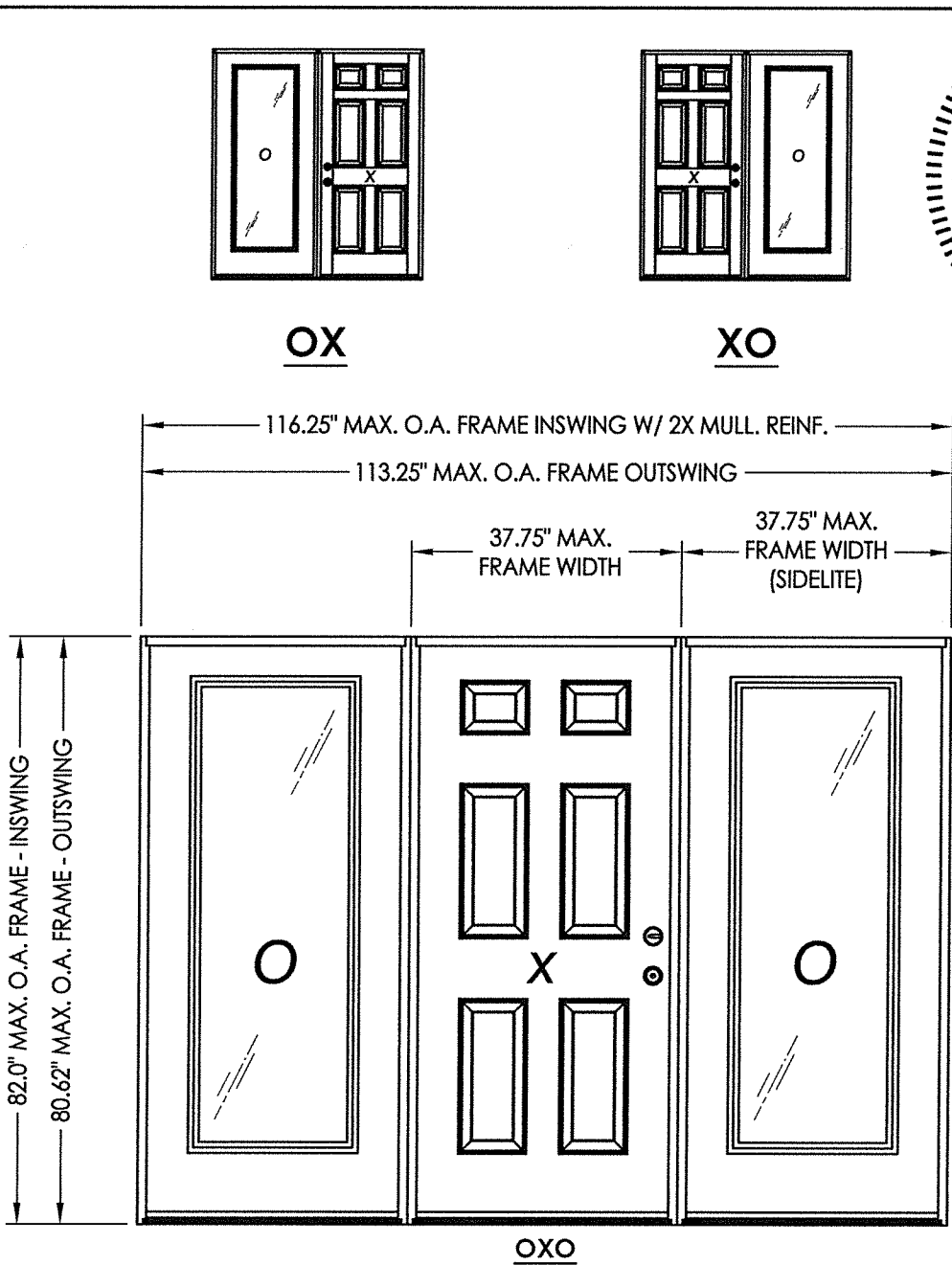
WOOD EDGE
OPAQUE STEEL SINGLE DOOR
w/ SIDELITE(S)
INSWING/OUTSWING
"IMPACT"

GENERAL NOTES

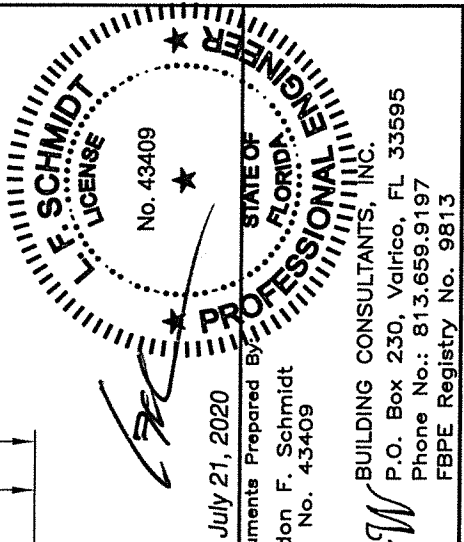
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in 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 E1996 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.

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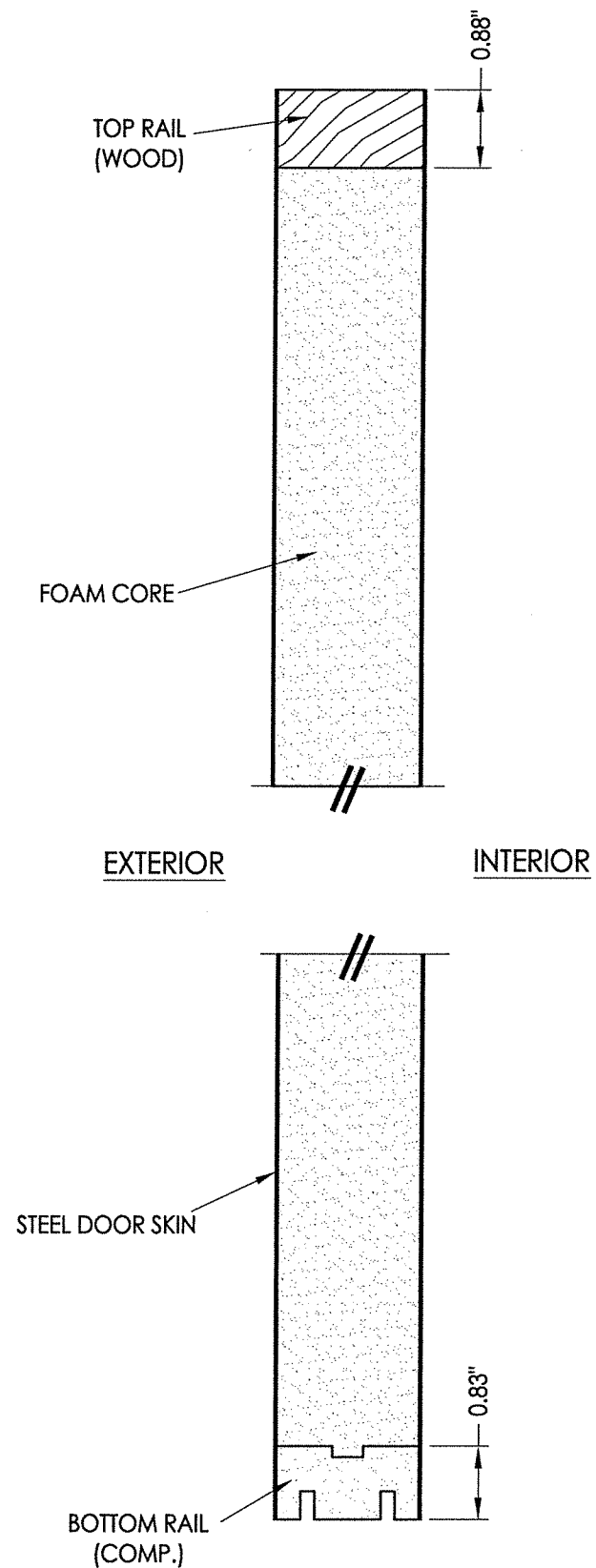
CONFIGURATION	SWING	OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
XO, OX	INSWING	76.50" x 82.0"	+47.0	-53.0
XO, OX	OUTSWING	75.0" x 80.62"	+47.0	-53.0
OXO	INSWING	116.25" x 82.0"	+50.0	-50.0
OXO	OUTSWING	113.25" x 80.62"	+50.0	-50.0



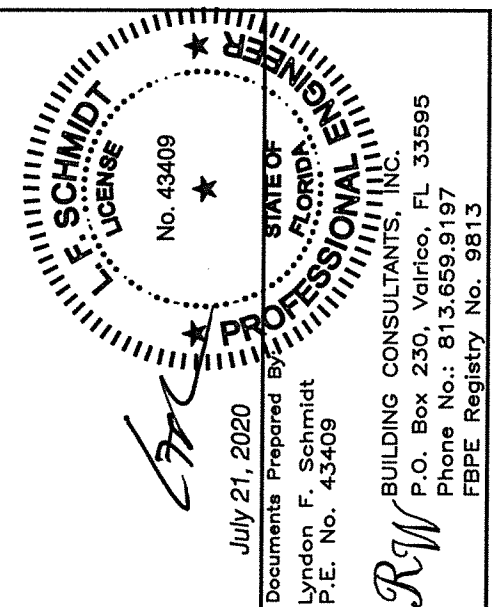
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PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
DATE	NO.	DATE	BY
7/20/20	1	7/20/20	LFS
UPDATE TO 7th ED (2020) FBC			
REVISIONS			
DATE: 10/11/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21132.2			
SHEET 1 OF 17			

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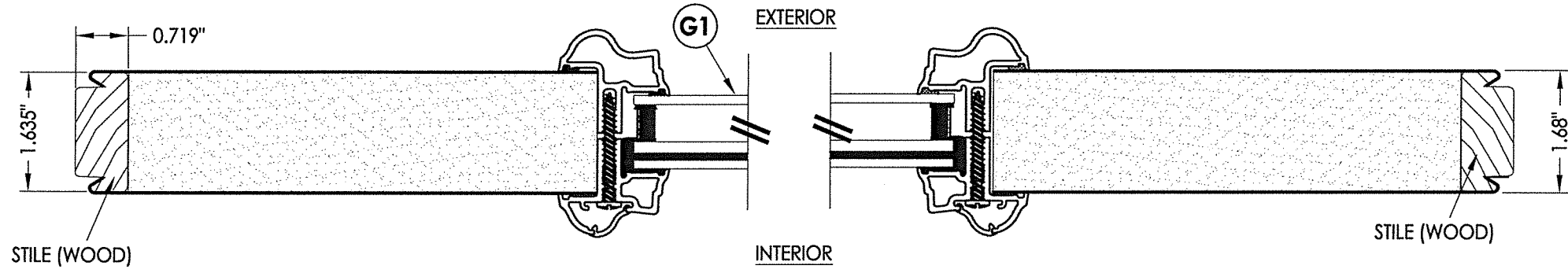
STEEL DOOR SKIN: 24 GA. (0.022" MIN. THICKNESS, $F_y = 48,470$ PSI MIN.)
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)



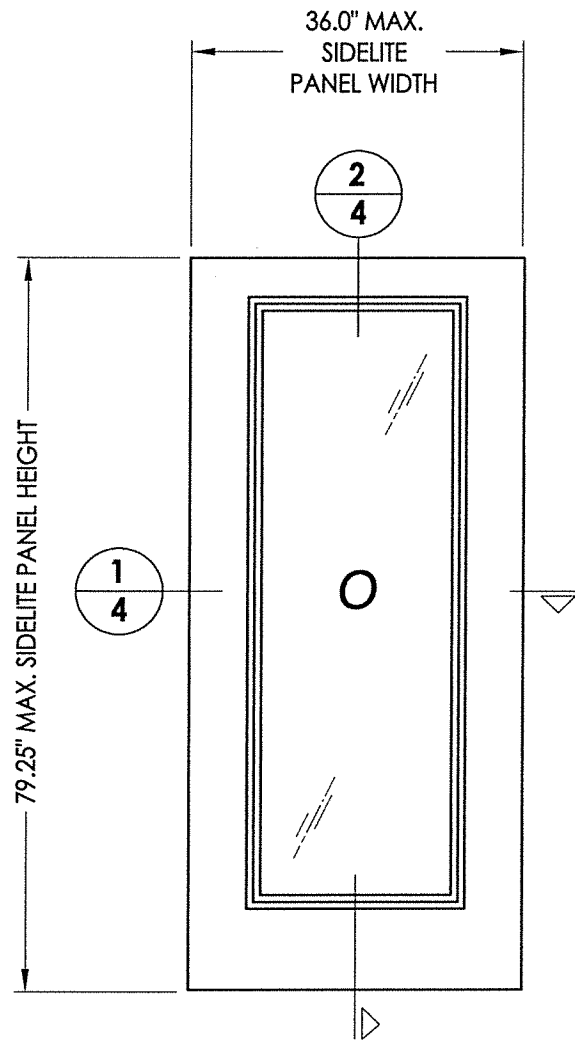
2 VERTICAL CROSS SECTION

[illegible]

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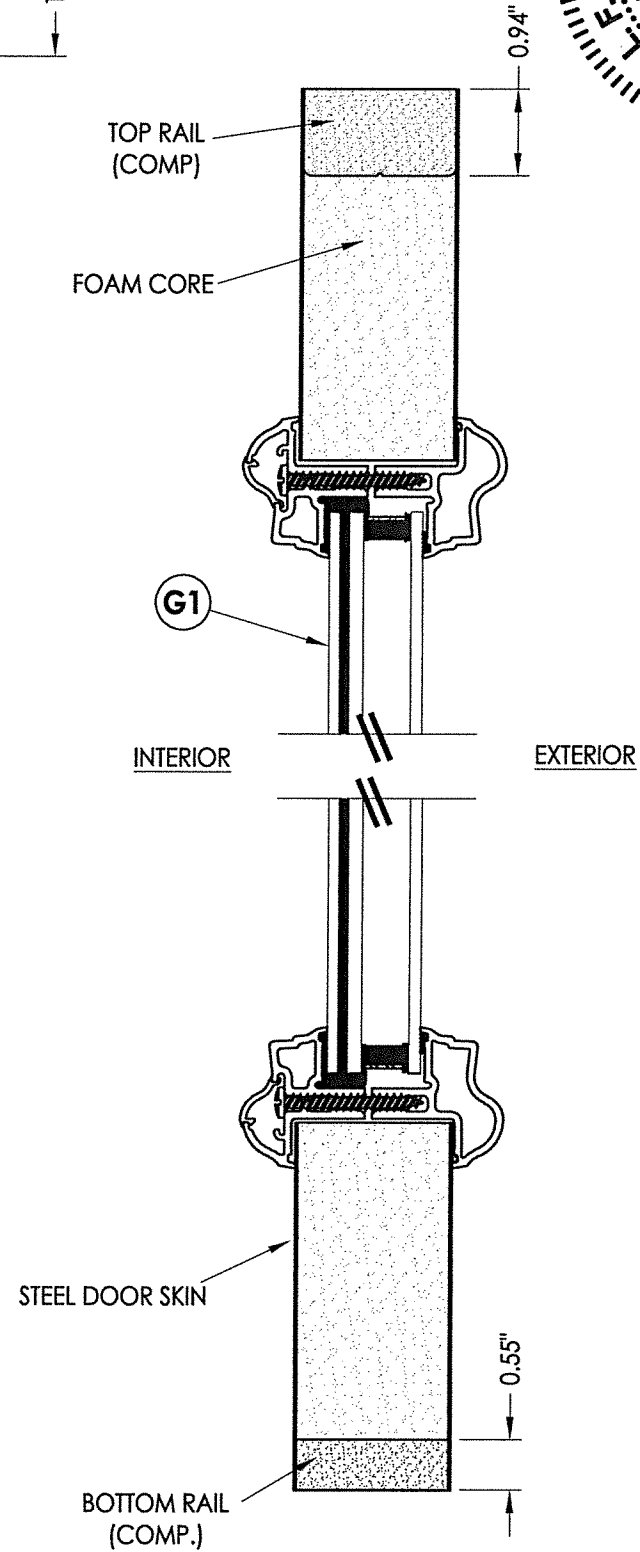
1
4
HORIZONTAL CROSS SECTION



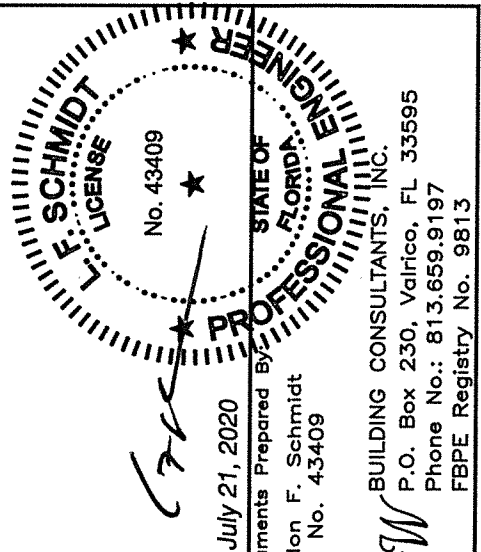
50
SIDELITE PANEL

SIDELITE PANEL

STEEL SKIN "PROFILES": 24 GA. (0.022" MIN. THICKNESS, Fy = 48,470 PSI MIN.)
STEEL SKIN "TRADITIONS": 25 GA. (0.018" MIN. THICKNESS, Fy = 27,830 PSI MIN.)
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)

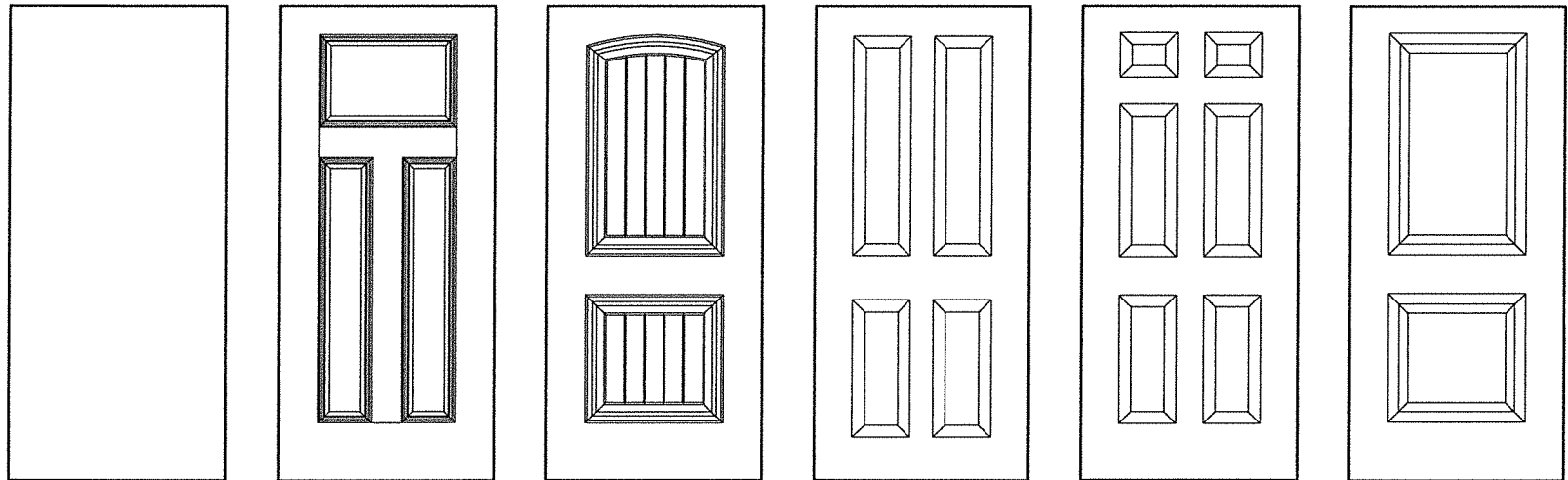
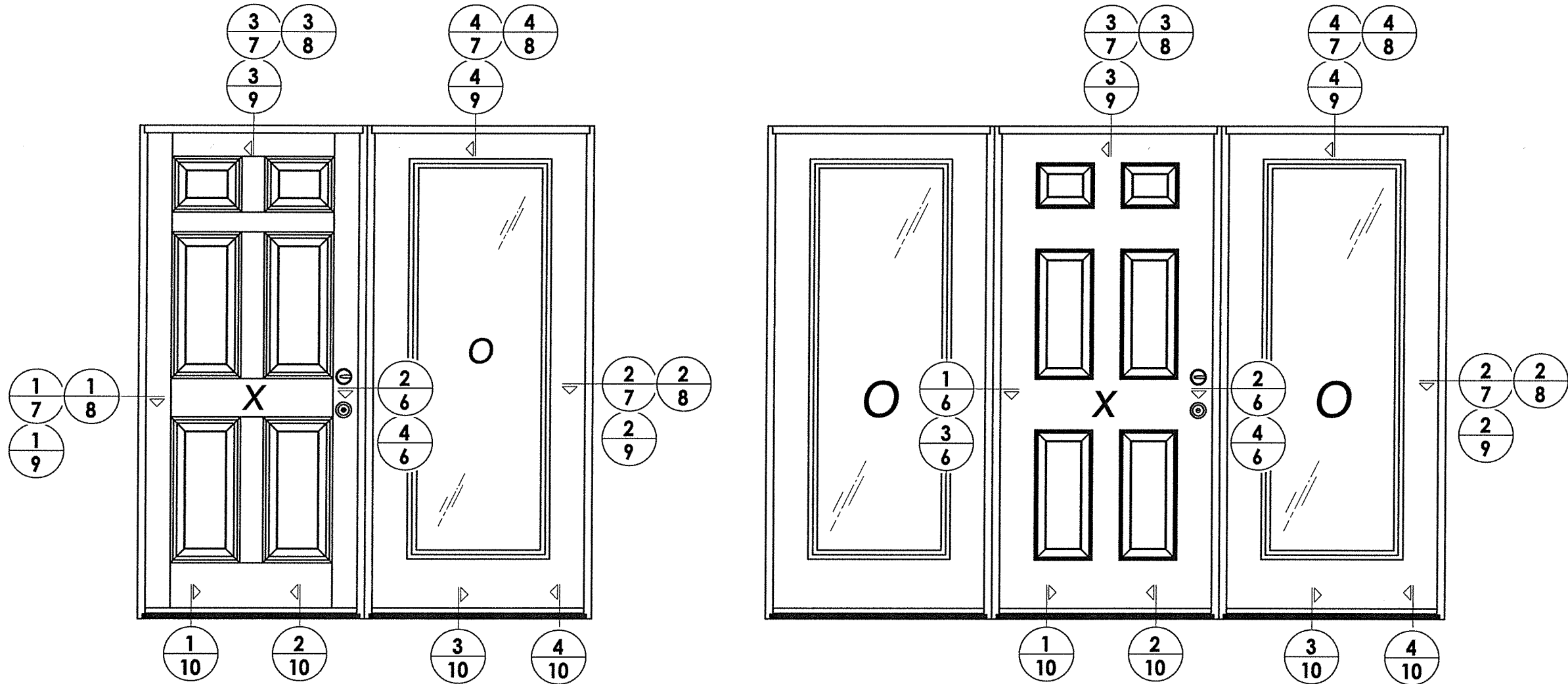


2
4
VERTICAL CROSS SECTION



PRODUCT:		THERMA-TRU STEEL DOOR	
PART OR ASSEMBLY:		SIDELITE PANEL / GLAZING DETAILS	
</			

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PROFILES/TRADITIONS Steel Door Panel Options
Panel options shown are for illustration and are representative only
(similar opaque panel configurations are allowed)

HARDWARE TABLE		
MANUFACTURER	MODEL	
SCHLAGE	Knob:	F51
	Deadbolt:	B60
KWIKSET	Knob:	SIGNATURE SERIES
	Deadbolt:	SIGNATURE SERIES (980)

FLORIDA

SCHMIDT

LICENSE

No. 43409

July 21, 2020

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

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

PRODUCT:

THERMA-TRU
STEEL DOOR

PART OR ASSEMBLY:

ELEVATIONS

DATE: 10/11/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21132.2

SHEET 5 OF 17

REVISIONS

1 7/20/20 UPDATE TO 7th ED (2020) FBC

NO. DATE

LFS BY

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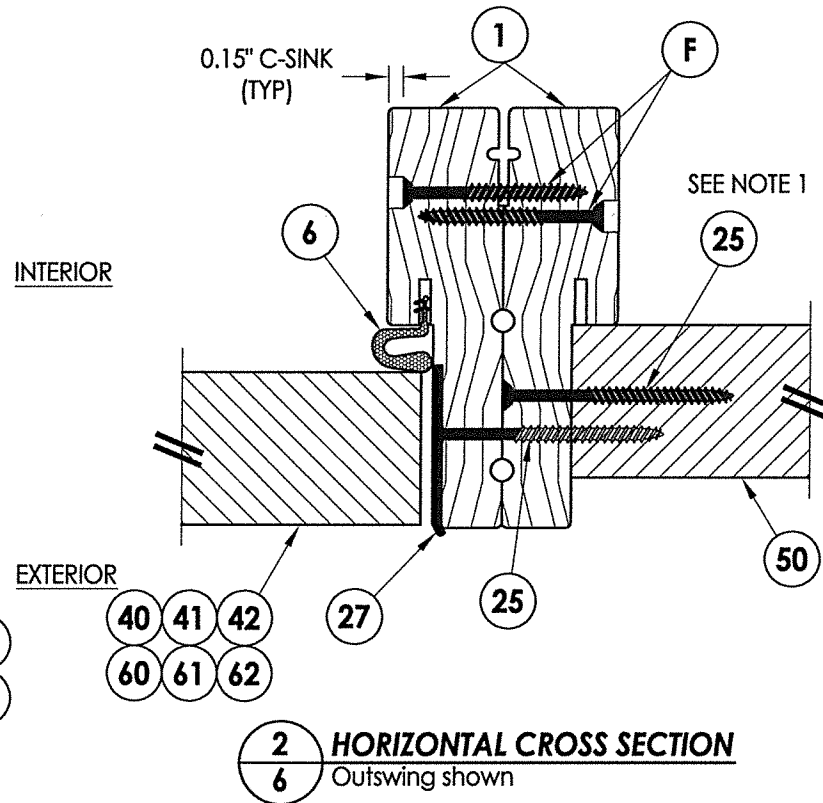
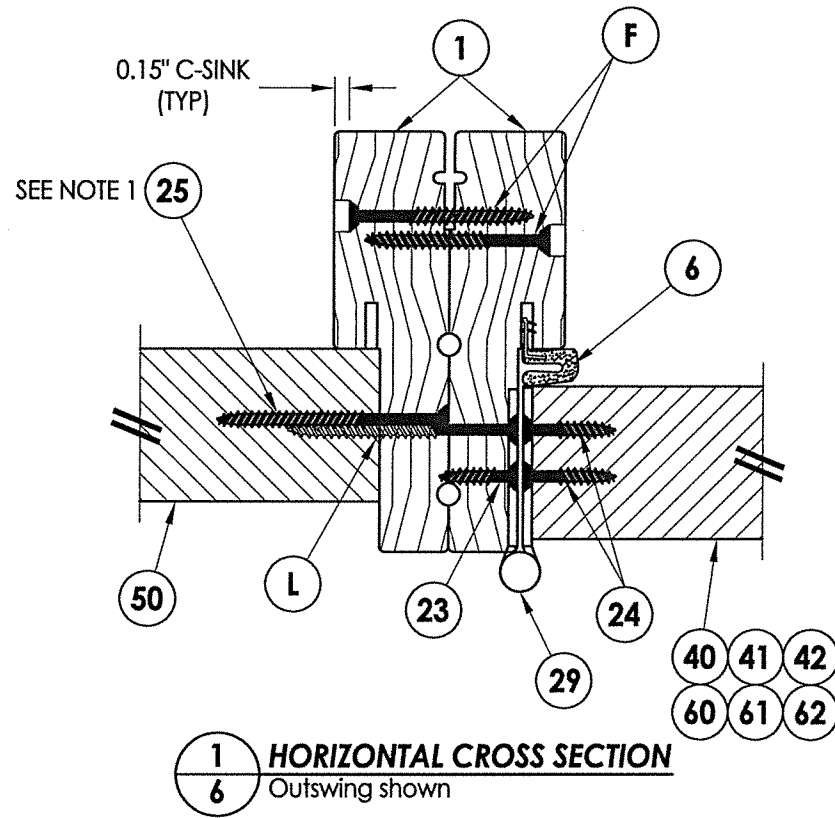
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P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

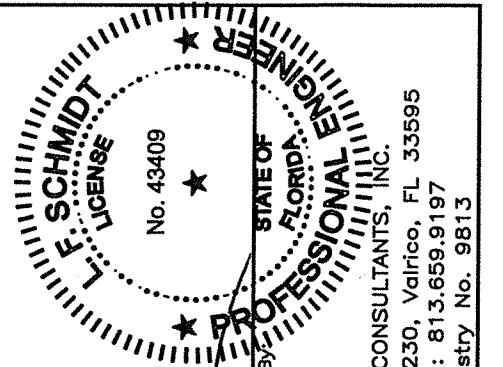
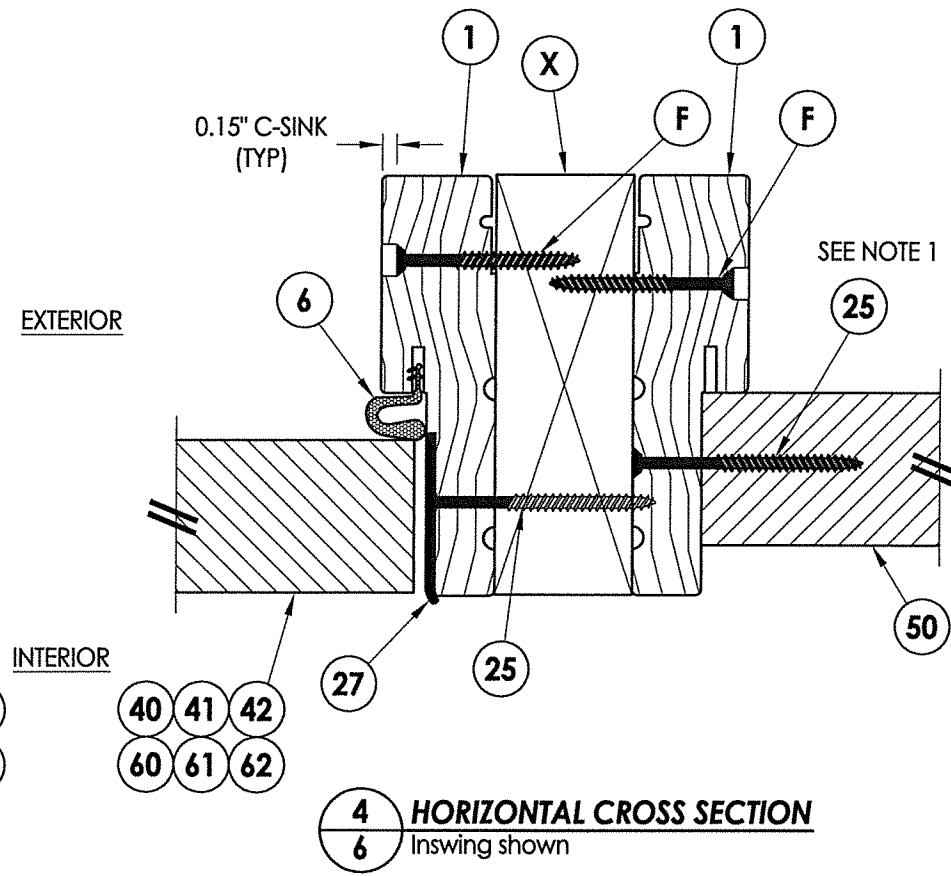
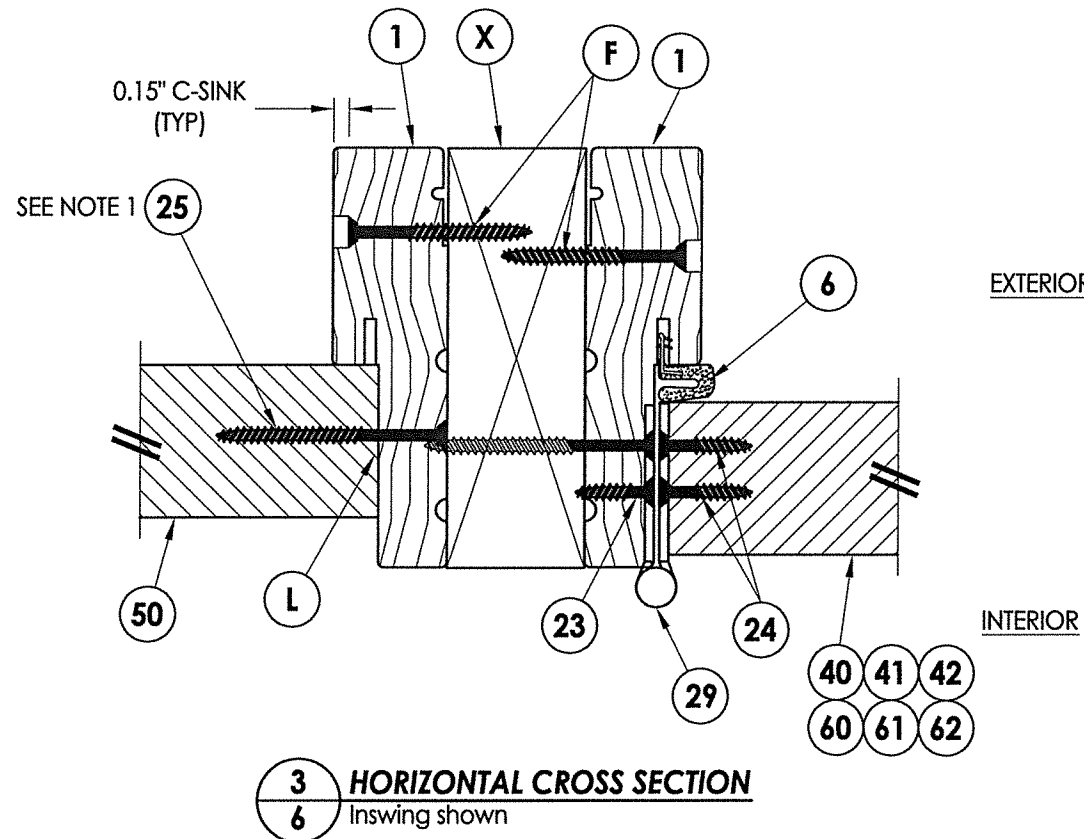
FBPE Registry No. 9813

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Notes:

1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb)



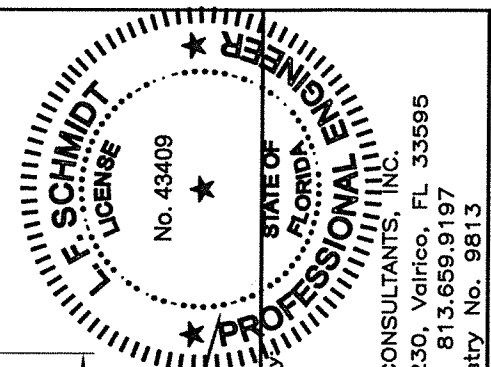
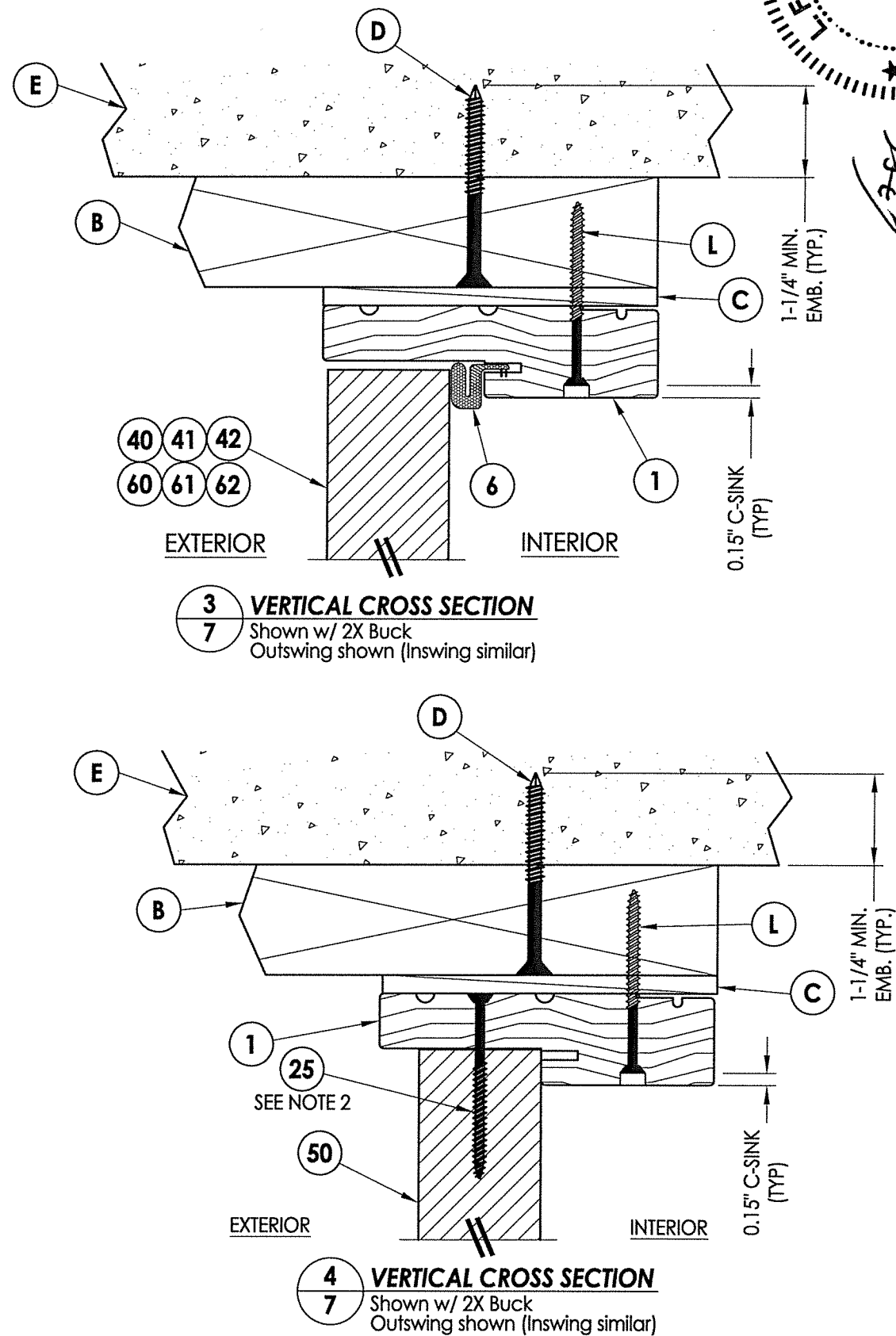
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Lyndon F. Schmidt
P.E. No. 43409

July 21, 2020

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

PRODUCT:		THERMA-TRU STEEL DOOR	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
NO.	DATE	UPDATE TO 7th ED (2020) FBC	LFS
			BY
1	7/20/20	DATE	REVISIONS
DATE: 10/11/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21132.2			
SHEET 6 OF 17			

1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



July 21, 2020

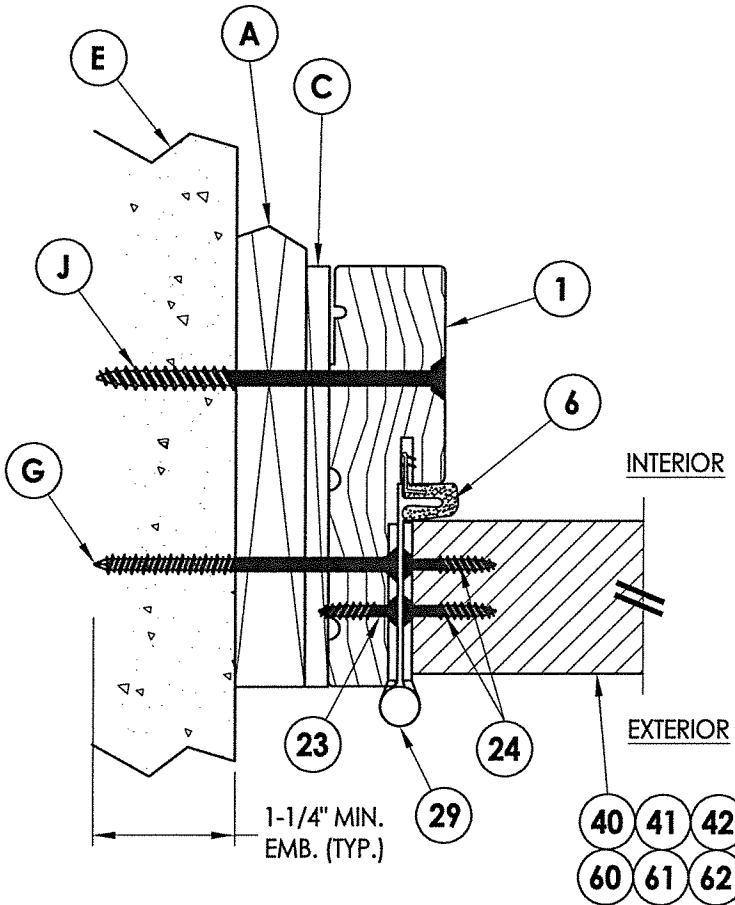
Documents Prepared By
Lyndon F. Schmidt
P.E. No. 43409



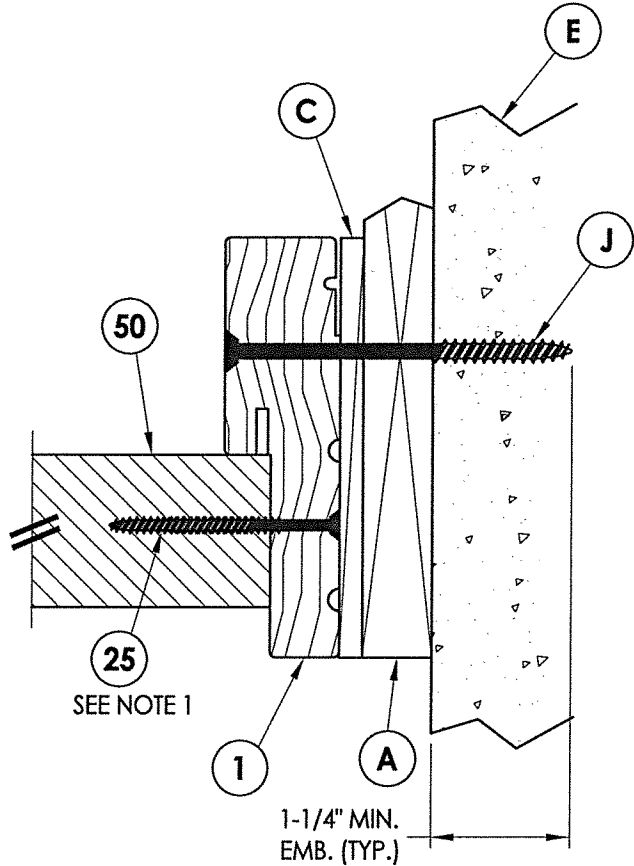
RCW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 10/11/17		PRODUCT: THERMA-TRU STEEL DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
SCALE: N.T.S.					
DWG. BY: JK				REVISIONS	
CHK. BY: LFS					
DRAWING NO.: FL-21132.2					
SHEET 7 OF 17		1	7/20/20	UPDATE TO 7th ED (2020) FBC	LFS
		NO.	DATE		BY

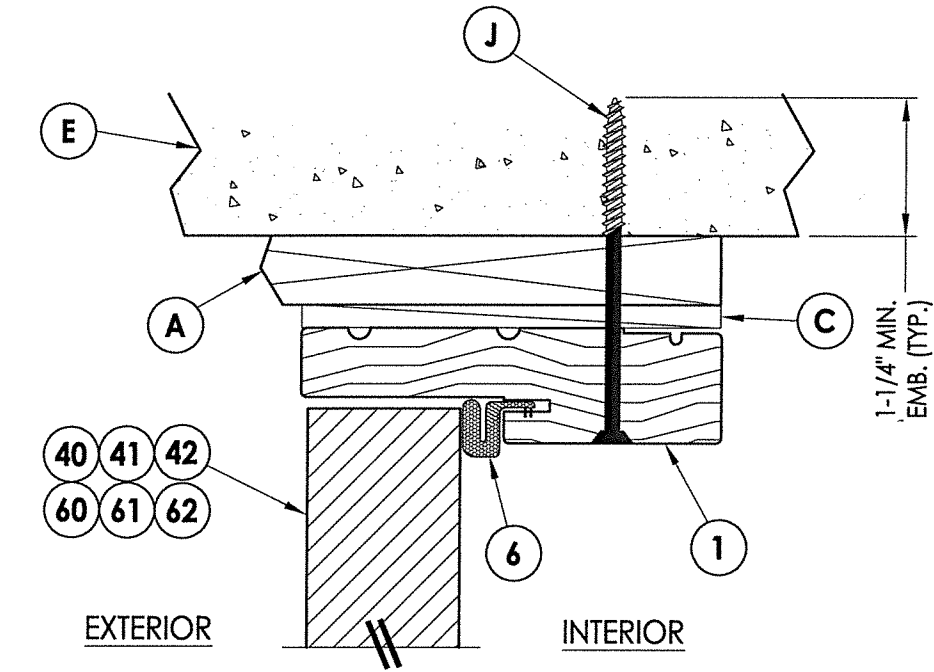
- Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
 2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



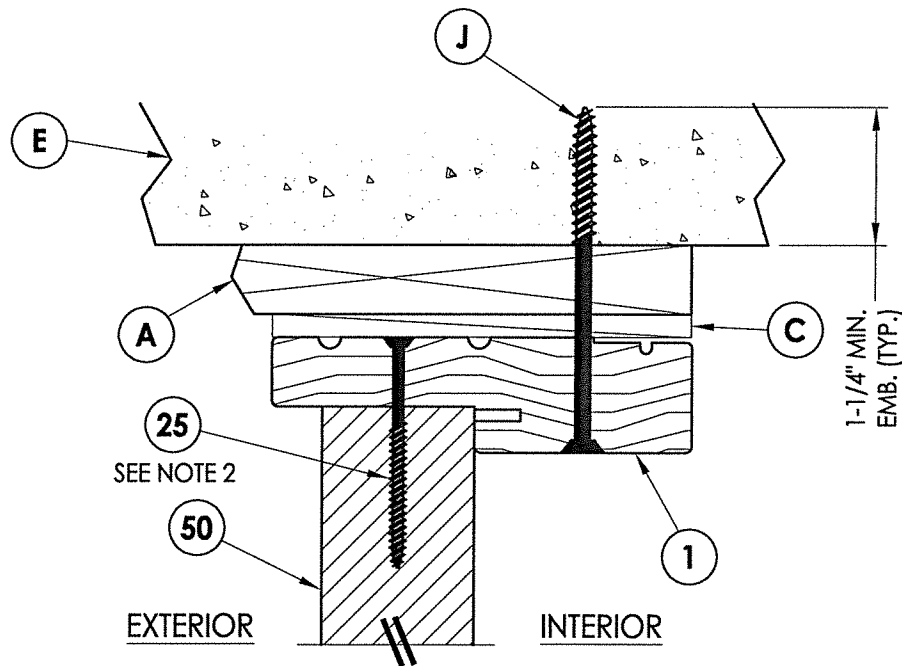
1
8 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)



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



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



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

FLORIDA F. SCHMIDT LICENSE No. 43409 ★		STATE OF FLORIDA PROFESSIONAL ENGINEER Lyndon F. Schmidt P.E. No. 43409 July 21, 2020		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: THERMA-TRU STEEL DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)			
NO.		DATE		LFS BY	
1		7/20/20		UPDATE TO 7th ED (2020) FBC	
DATE		NO.		BY	
10/11/17		1		7/20/20	
SCALE: N.T.S.		DRAWING NO.: FL-21132.2			
DWG. BY: JK		SHEET 8 OF 17			
CHK. BY: LFS		© 2017 R.W. BUILDING CONSULTANTS INC.			

Technical drawing of a window sill cross-section. The drawing shows the exterior (left) and interior (right) views. Key dimensions and callouts include:

- 1-1/4" MIN. EMB. (TYP.):** Dimension for the exterior finish layer.
- 2" MIN.:** Dimension for the exterior finish layer.
- 1.5" MAX.:** Dimension for the exterior finish layer.
- Callouts:** E (Exterior finish), C (Caulk), 50 (Exterior insulation), 25 (Interior insulation), D (Drainage), 1 (Interior finish).
- SEE NOTE 2:** Reference to a note regarding the interior finish.
- EXTERIOR** and **INTERIOR** labels at the bottom.

Notes:

1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).

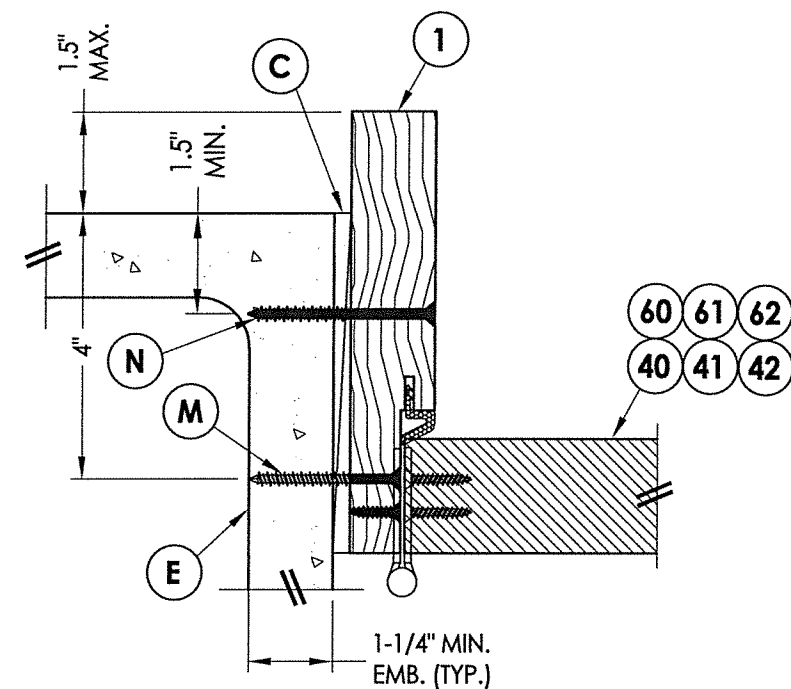


Diagram illustrating a vertical cross section detail of a wall and floor assembly, showing the transition between the interior and exterior.

Interior Side (Left):

- Material 1 (Vertical Wall): Indicated by a wavy line pattern.
- Material 50 (Horizontal Floor): Indicated by a diagonal line pattern.
- Material 25 (Horizontal Floor): Indicated by a cross-hatch pattern.

Exterior Side (Right):

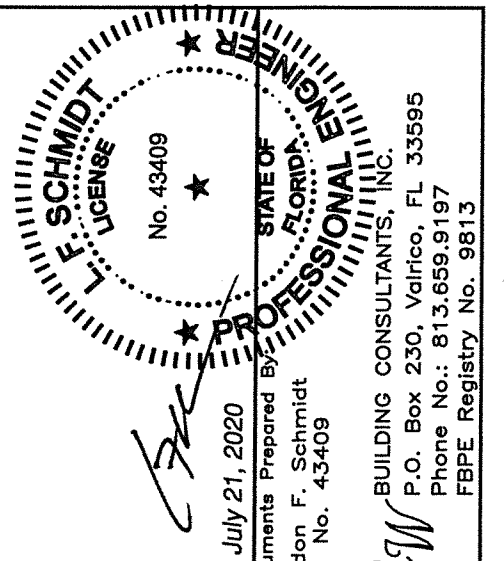
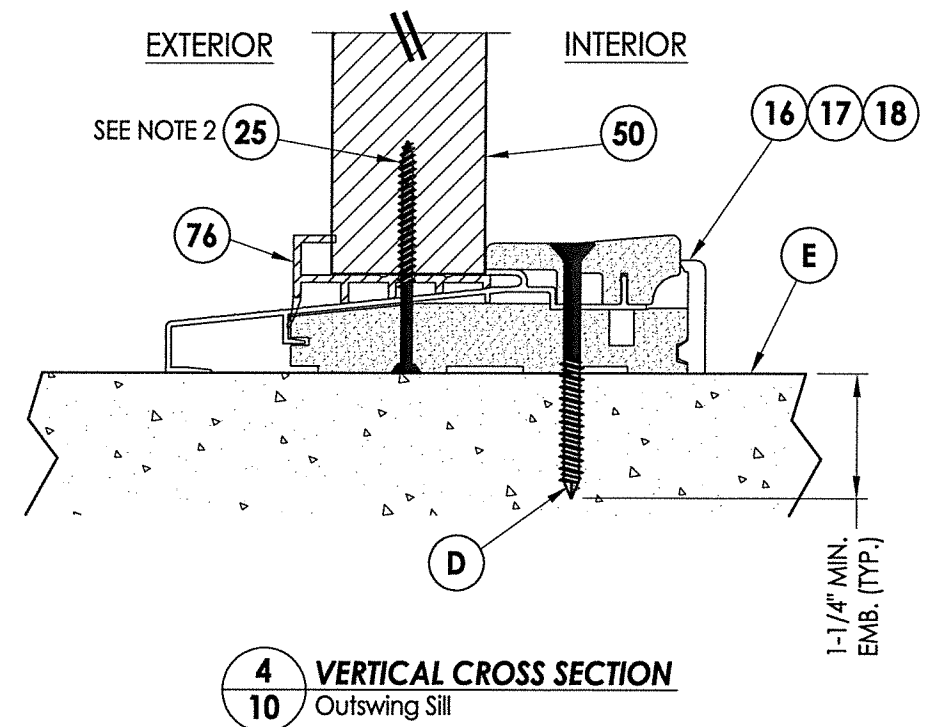
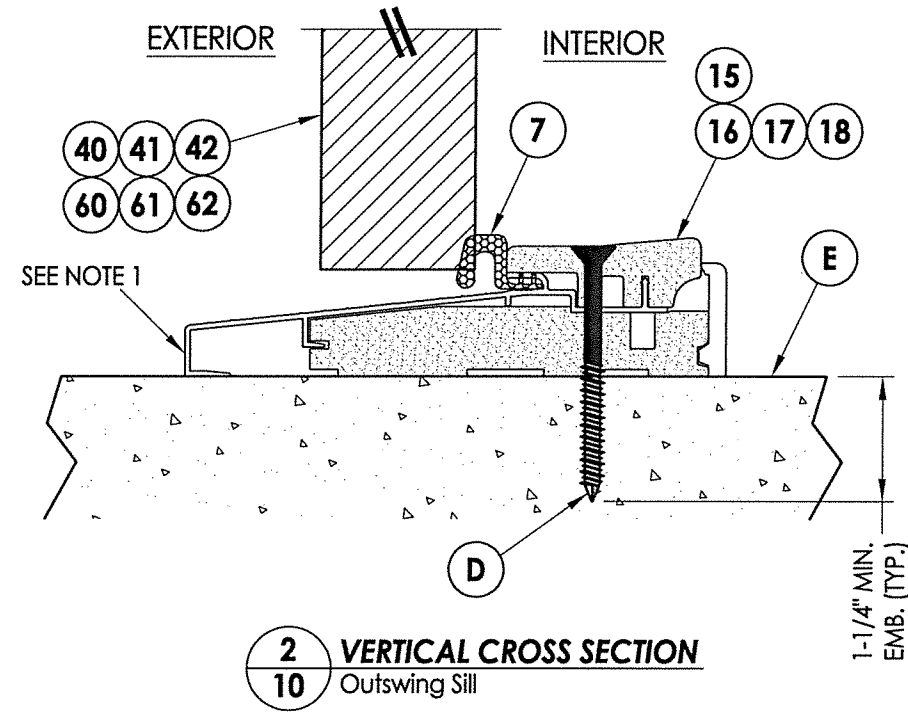
- Material C (Vertical Wall): Indicated by a wavy line pattern.
- Material N (Horizontal Floor): Indicated by a cross-hatch pattern.
- Material E (Horizontal Floor): Indicated by a diagonal line pattern.

Dimensions and Notes:

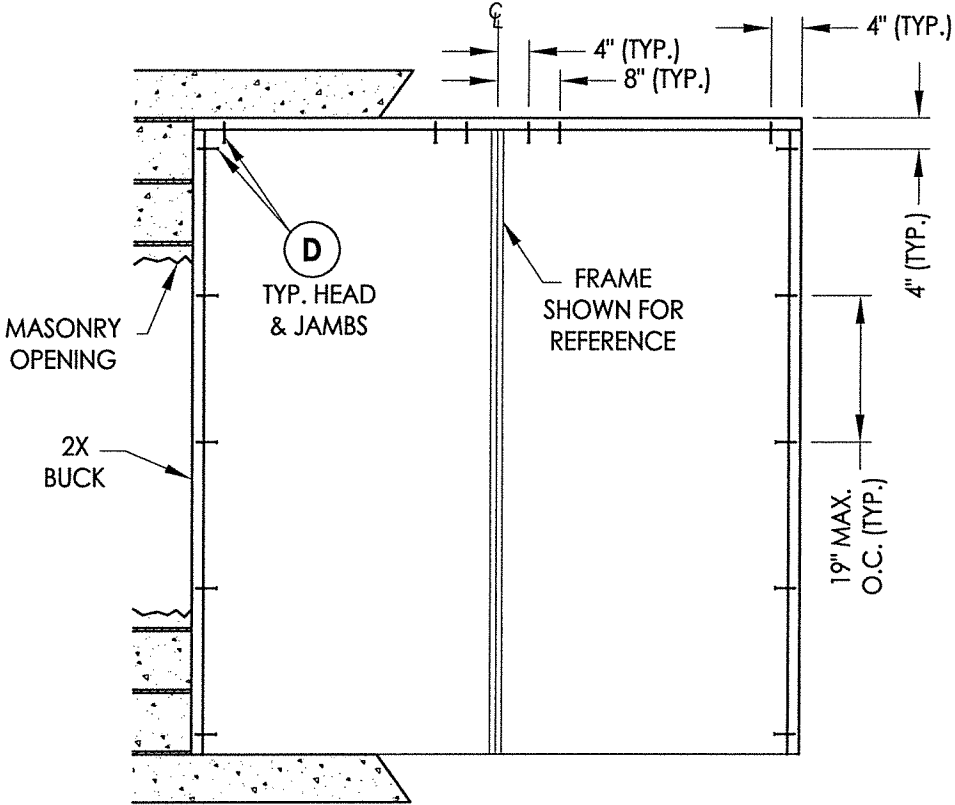
- Vertical dimension: 1.5" MIN. (Minimum) and 1.5" MAX. (Maximum).
- Horizontal dimension: 4.25" (Minimum).
- Horizontal dimension: 1-1/4" MIN. (Minimum).
- Horizontal dimension: EMB. (TYP.) (Typical Embossing).
- SEE NOTE 1 (Refers to Material 25).

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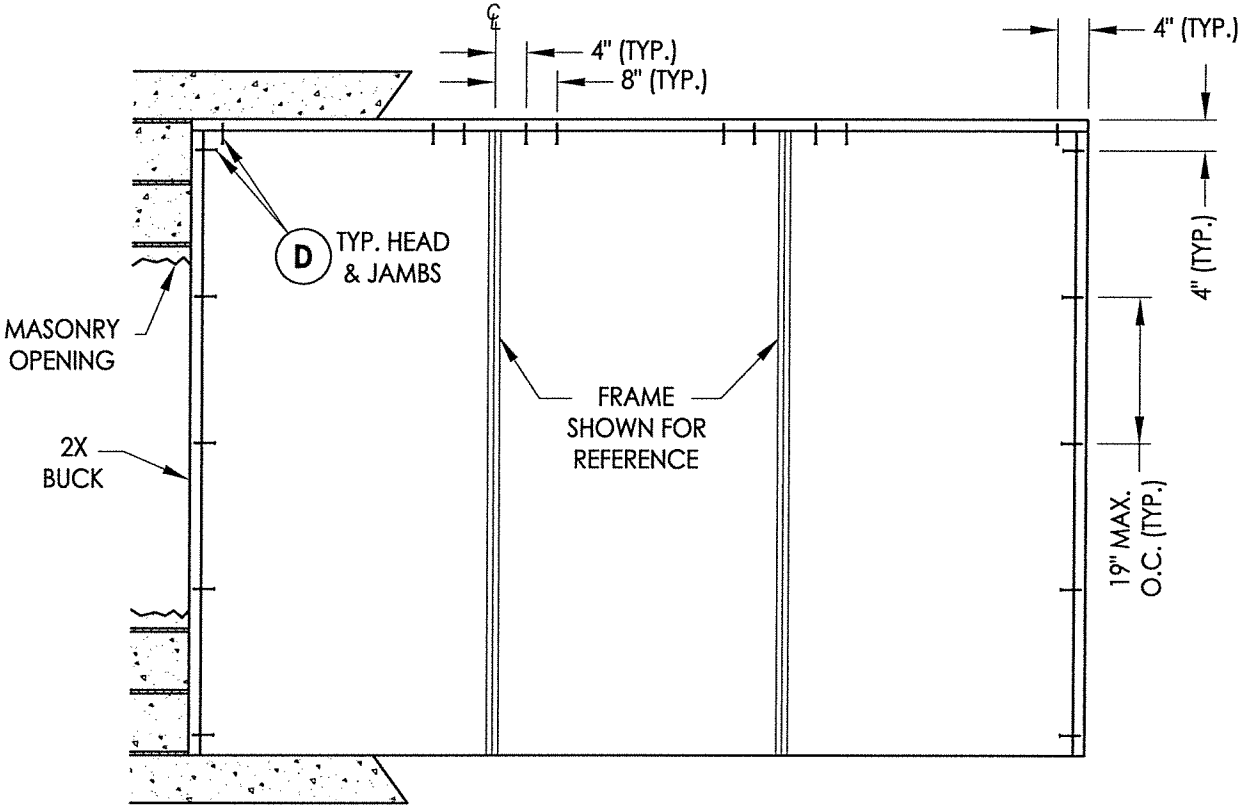
1. Sill Item #'s 17, 18, 32, 34, 35, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pph screws at each end.
Sill Item #'s 16 & 33 are attached to jambs w/ (2) #8 X 2-1/2" pph screws at each end.
Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph screws at each end.
2. Sidelite assembly screws located 4" from each end (2 screws along sill).



DATE: 10/11/17		PRODUCT: THERMA-TRU STEEL DOOR	
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21132.2			
SHEET 10 OF 17	PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)		
1 7/20/20 UPDATE TO 7th ED (2020) FBC		LFS	
NO.	DATE	BY	
		REVISIONS	

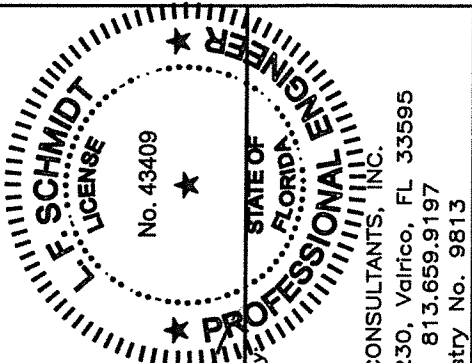


XO/OX



OXO

2X BUCK ANCHORING

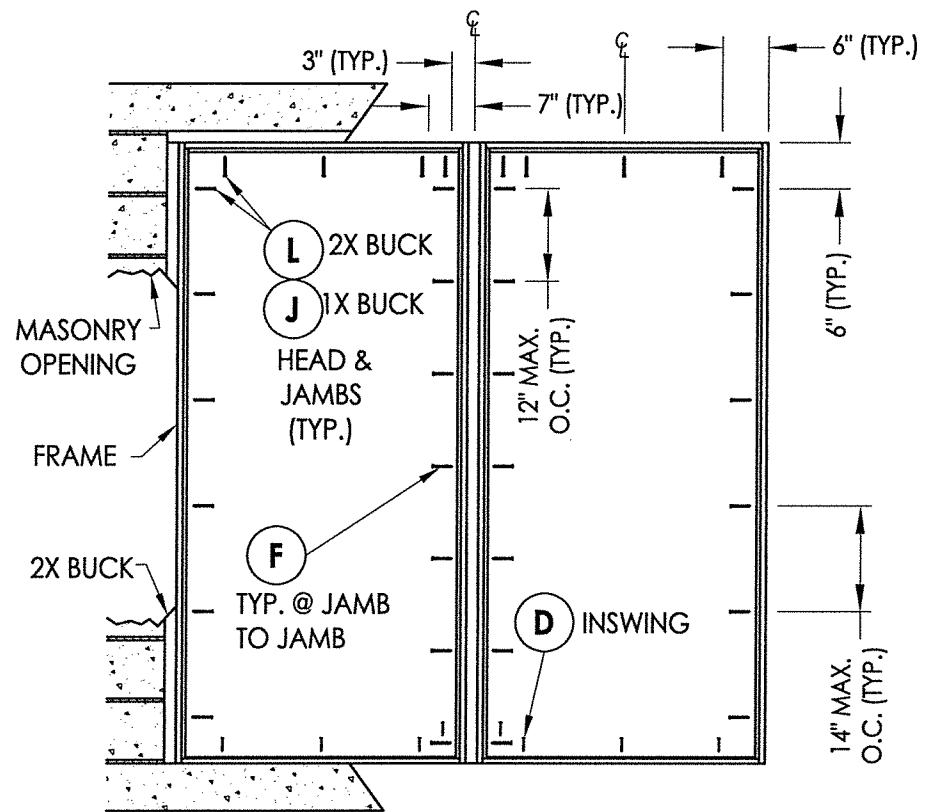


July 21, 2020
Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:	THERMA-TRU STEEL DOOR
PART OR ASSEMBLY:	FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION

NO.	DATE	REVISIONS
1	7/20/20	UPDATE TO 7th ED (2020) FBC
		LFS
		BY

DATE:	10/11/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21132.2
SHEET	11 OF 17

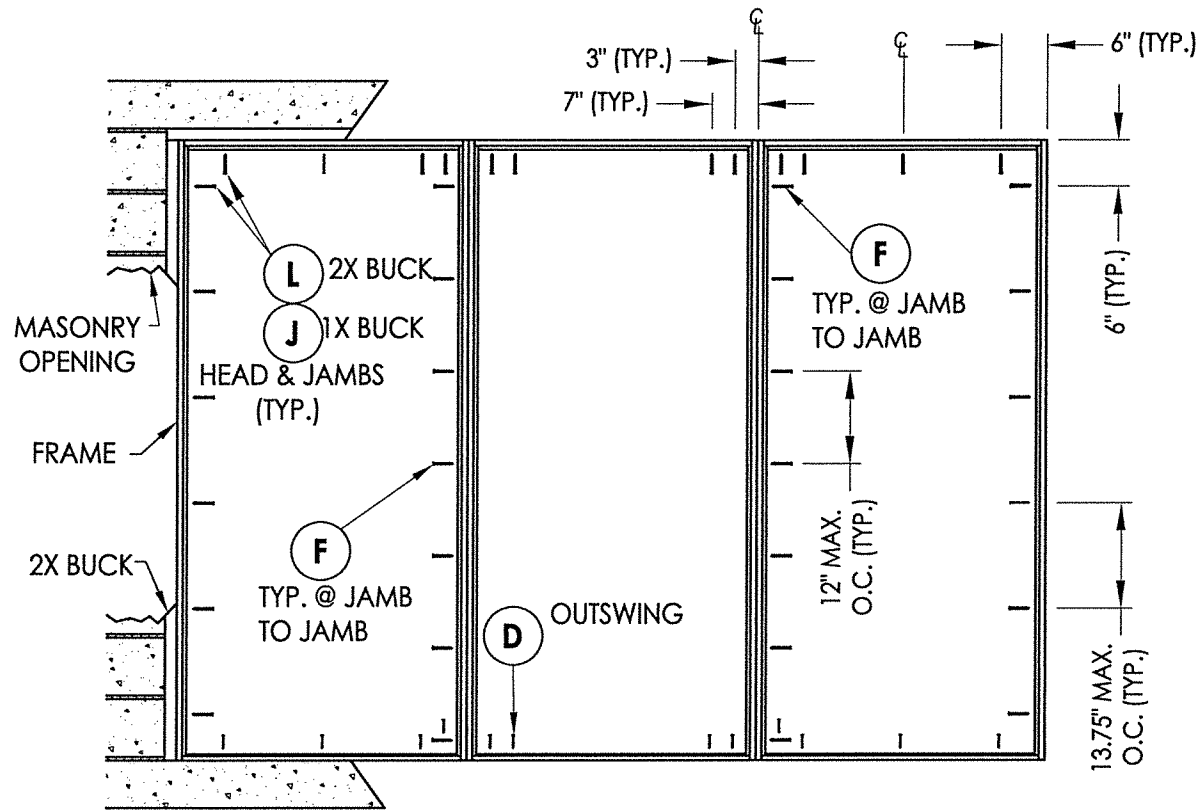


INSWING OX/XO

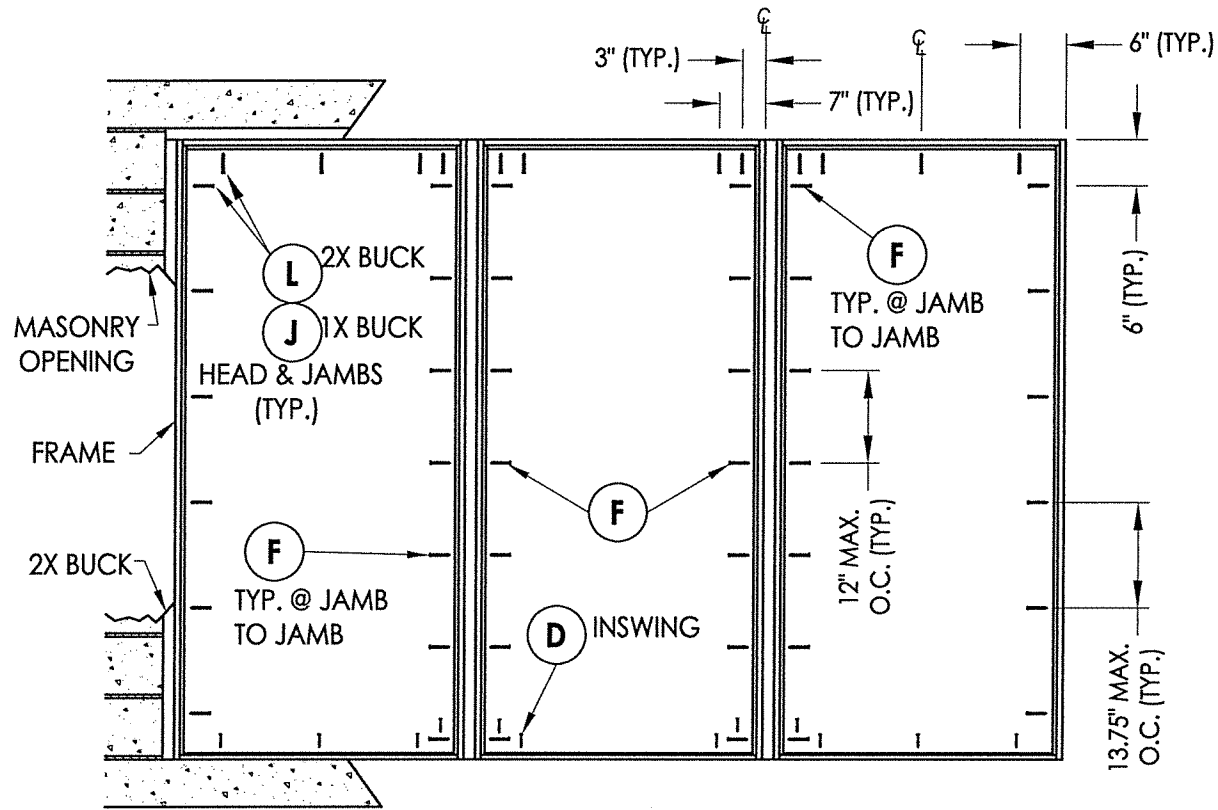
FRAME ANCHORING

DATE: 10/11/17		PRODUCT: THERMA-TRU STEEL DOOR	
SCALE: N.T.S.		PART OR ASSEMBLY: FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21132.2			
SHEET 12 OF 17			

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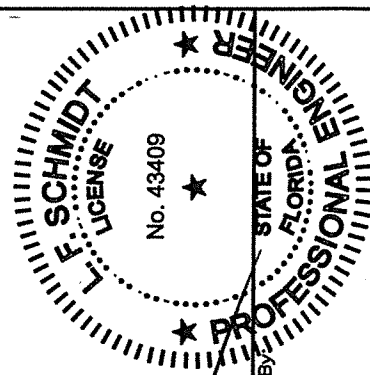


OUTSWING OXO



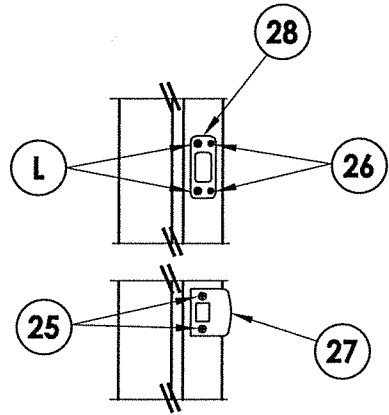
INSWING OXO

FRAME ANCHORING

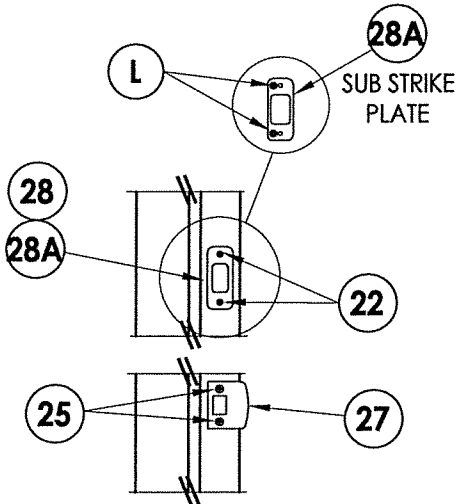


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PART OR ASSEMBLY:		FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION	
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			LFS BY
1	7/20/20	UPDATE TO 7th ED (2020)	FBC
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SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-21132.2	
SHEET		13 OF 17	

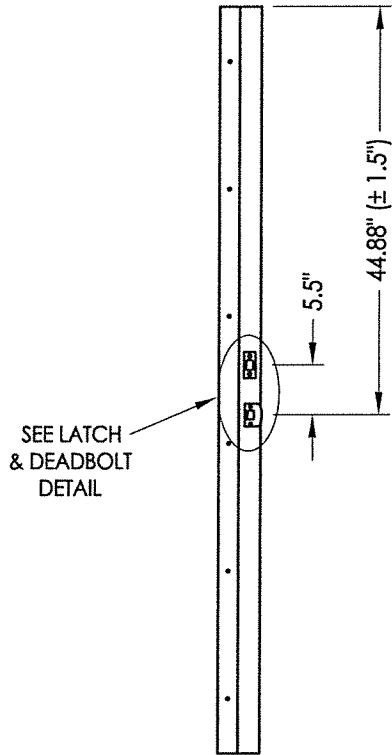


LATCH & DEADBOLT DETAIL
Kwikset

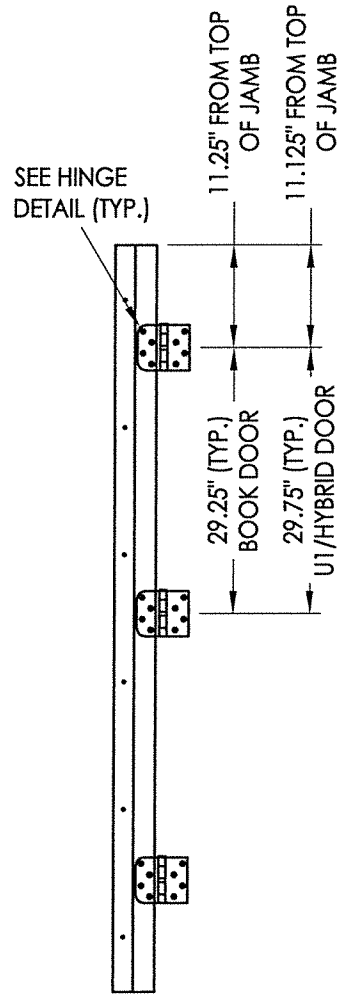


LATCH & DEADBOLT DETAIL
Schlage

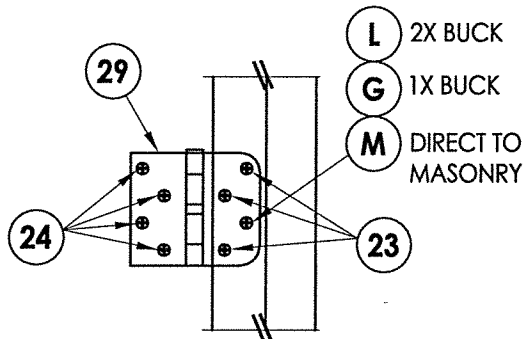
LATCH & DEADBOLT STRIKE DETAILS



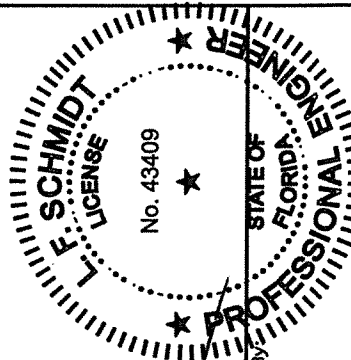
STRIKE JAMB
Latch and Deadbolt



HINGE JAMB



HINGE DETAIL

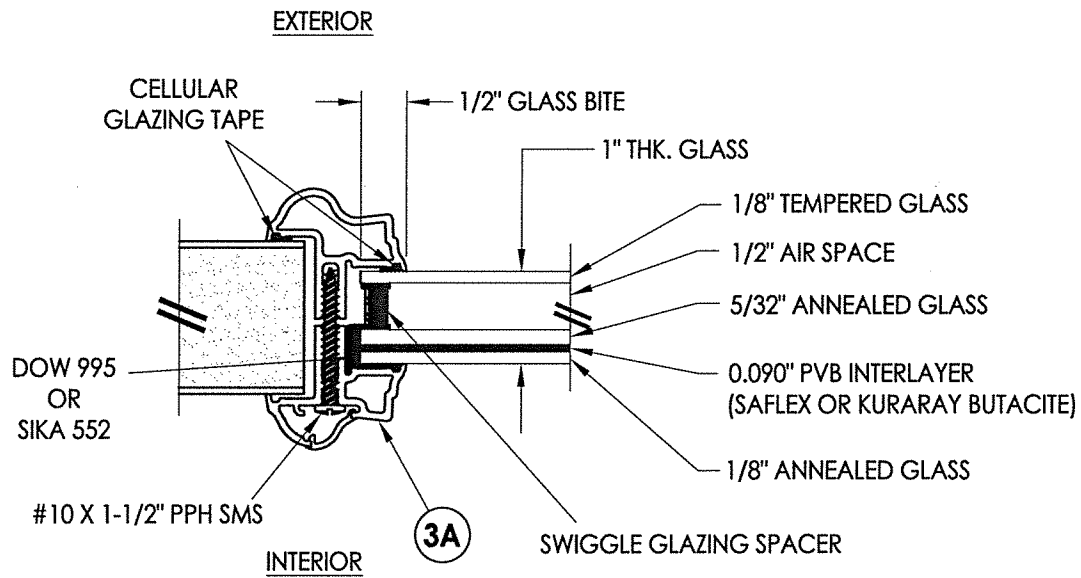


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Lyndon F. Schmidt
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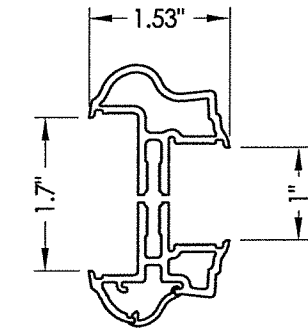
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		THERMA-TRU STEEL DOOR	
PART OR ASSEMBLY:		HARDWARE DETAILS	
1	7/20/20	UPDATE TO 7th ED (2020)	FBC
NO	DATE		
REVISIONS			
DATE: 10/11/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-21132.2			
SHEET 14 OF 17			

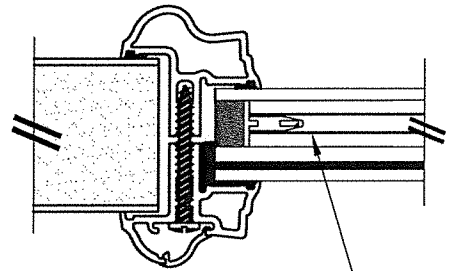
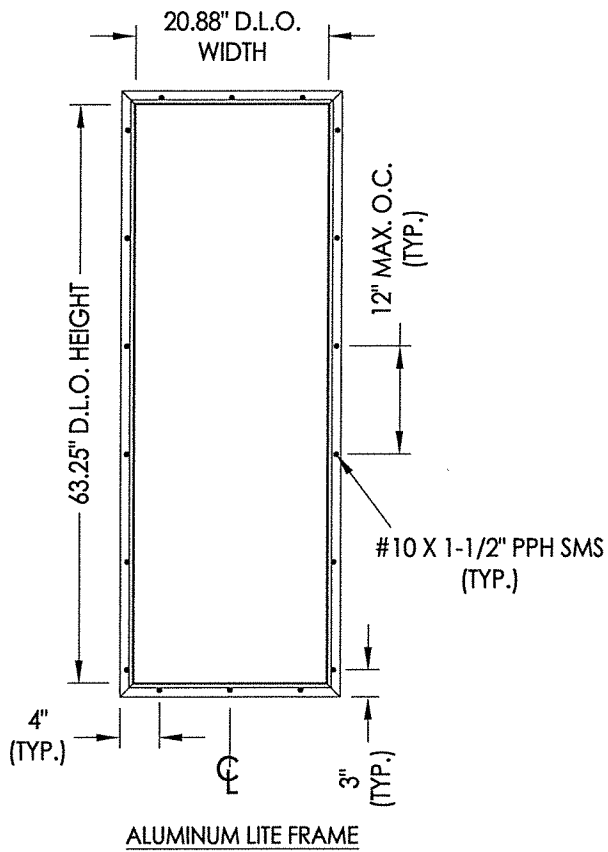
R:\Clients\Therma Tru PERMANENT\A - Florida Product Approvals\FL-21132 Steel Wood Edge Impact Non-HVHZ\C - Drawings\FL 21132 (2020)\FL-21132.1-5.dwg, 15.2



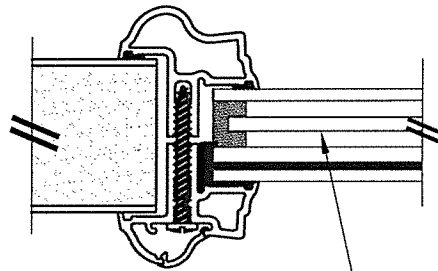
G1 GLAZING DETAIL
Aluminum Impact Lite Frame
Door Panels & Sidelites



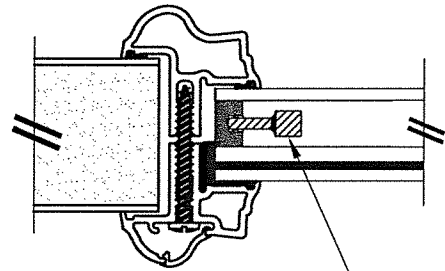
3A ALUMINUM FRAME
Aluminum Impact Lite Frame
Door Panels & Sidelites



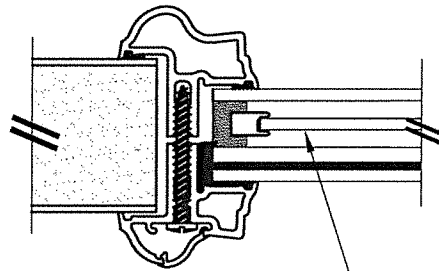
INTERNAL GRID (GBG)



PRIVACY INSERT

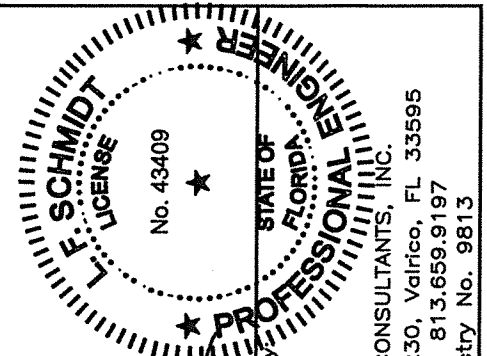


WROUGHT IRON INSERT



DECORATIVE INSERT

1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS



July 21, 2020

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 STEEL DOOR
PART OR ASSEMBLY:	GLAZING DETAILS

NO.	DATE	REVISIONS
1	7/20/20	UPDATE TO 7th ED (2020) FBC
		LFS
		BY

DATE:	10/11/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21132.2
SHEET	15 OF 17

Side elevation drawing of the building. The height is indicated as 1.55' and the width is indicated as 5.75'.

Technical drawing of a mechanical part with dimensions: 1.25", 4.56", 2.36", and 0.75".

Technical drawing of a mechanical assembly showing a cross-section of a housing with a bolted flange. Dimensions include a vertical distance of 1.5 inches and a horizontal distance of 5.83 inches.



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Phone No.: 813.659.9197
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PRODUCT: _____

THERMA-TRU
 STEEL DOOR

PART OR ASSEMBLY:

COMPONENTS

DATE: 10/11/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21132.2

SHEET 16 OF 17

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 ELCO 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	28A	DEADBOLT SUB STRIKE PLATE	STEEL
			29	4" X 4" HINGE	STEEL
F	#10 X 2" PFH WOOD SCREW	STEEL	32	INSWING THRESHOLD	ALUM/COMP
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL	33	INSWING THRESHOLD	ALUM/COMP
J	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL	34	INSWING THRESHOLD	ALUM/COMP
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL	35	INSWING THRESHOLD	ALUM/COMP
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL	36	INSWING THRESHOLD	ALUM/COMP
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL	37	INSWING THRESHOLD	ALUM/COMP
1	JAMB (FINGER JOINT PINE)	WOOD	38	INSWING THRESHOLD	ALUM/COMP
6	WEATHERSTRIP (MEDIUM REACH)	FOAM	39	INSWING THRESHOLD	ALUM/COMP
7	WEATHERSTRIP (LONG REACH)	FOAM	40	DOOR PANEL (BOOK) - "PROFILES" SERIES	-
8	SWEEP	VINYL	41	DOOR PANEL (HYBRID) - "PROFILES" SERIES	-
9	SWEEP (USE w/ MODERATE CLIMATE THRESHOLD)	VINYL	42	DOOR PANEL (U1) - "PROFILES" SERIES	-
15	PUBLIC ACCESS THRESHOLD	ALUM	50	SIDELITE (FULL LITE)	-
16	OUTSWING THRESHOLD	ALUM/COMP	60	DOOR PANEL (BOOK) - "TRADITIONS" SERIES	-
17	OUTSWING THRESHOLD	ALUM/COMP	61	DOOR PANEL (HYBRID) - "TRADITIONS" SERIES	-
18	OUTSWING THRESHOLD	ALUM/COMP	62	DOOR PANEL (U1) - "TRADITIONS" SERIES	-
22	#8 x 3/4" PFH WOOD SCREW	STEEL	75	SIDELITE SPACER (INSWING)	-
23	#10 x 3/4" PFH WOOD SCREW	STEEL	76	SIDELITE SPACER (OUTSWING)	-
24	#10 x 1" PFH WOOD SCREW	STEEL	77	SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL	-

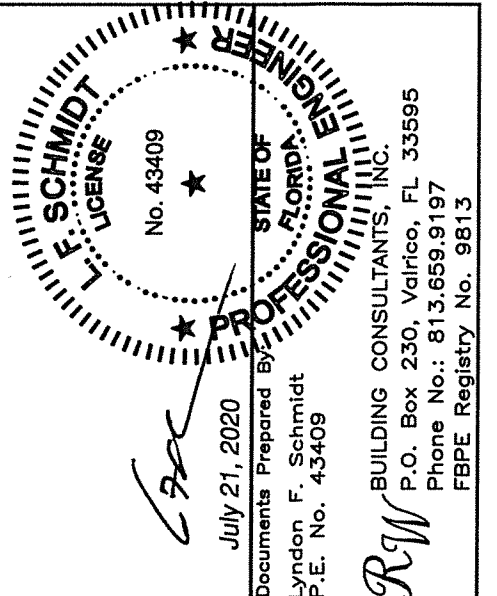
CONCRETE ANCHOR NOTES:

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"
ELCO 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.



Only use these tags: ['p>...

Documents Prepared By

Lyndon F. Schmidt

P.E. No. 43409

6

KB BUILDING

P.O. Box 11

ERRE Redi

PRODUCT:

THERMA-TRU

STEEL DOOR

PARI UR ASSEMBLY:

BILL OF MATERIALS

1. <i>Author(s)</i> 2. <i>Title</i> 3. <i>Journal</i> 4. <i>Volume</i> 5. <i>Issue</i> 6. <i>Page(s)</i> 7. <i>Year</i> 8. <i>Month</i> 9. <i>Day</i> 10. <i>City</i> 11. <i>State</i> 12. <i>Country</i> 13. <i>Language</i> 14. <i>Abstract</i> 15. <i>Keywords</i> 16. <i>Notes</i> 17. <i>References</i> 18. <i>Comments</i> 19. <i>Indexing</i> 20. <i>Classification</i> 21. <i>Subject</i> 22. <i>Field</i> 23. <i>Discipline</i> 24. <i>Area</i> 25. <i>Topic</i> 26. <i>Issue</i> 27. <i>Question</i> 28. <i>Problem</i> 29. <i>Method</i> 30. <i>Technique</i> 31. <i>Procedure</i> 32. <i>Experiment</i> 33. <i>Study</i> 34. <i>Research</i> 35. <i>Analysis</i> 36. <i>Interpretation</i> 37. <i>Conclusion</i> 38. <i>Recommendation</i> 39. <i>Suggestion</i> 40. <i>Proposal</i> 41. <i>Plan</i> 42. <i>Program</i> 43. <i>Policy</i> 44. <i>Strategy</i> 45. <i>Tactic</i> 46. <i>Approach</i> 47. <i>Framework</i> 48. <i>Model</i> 49. <i>Theory</i> 50. <i>Hypothesis</i> 51. <i>Assumption</i> 52. <i>Belief</i> 53. <i>Opinion</i> 54. <i>View</i> 55. <i>Point of view</i> 56. <i>Position</i> 57. <i>Stance</i> 58. <i>Attitude</i> 59. <i>Manner</i> 60. <i>Style</i> 61. <i>Form</i> 62. <i>Shape</i> 63. <i>Size</i> 64. <i>Color</i> 65. <i>Texture</i> 66. <i>Sound</i> 67. <i>Taste</i> 68. <i>Smell</i> 69. <i>Touch</i> 70. <i>Feeling</i> 71. <i>Emotion</i> 72. <i>Mood</i> 73. <i>State</i> 74. <i>Condition</i> 75. <i>Situation</i> 76. <i>Circumstance</i> 77. <i>Context</i> 78. <i>Environment</i> 79. <i>Setting</i> 80. <i>Place</i> 81. <i>Location</i> 82. <i>Area</i> 83. <i>Region</i> 84. <i>Zone</i> 85. <i>Field</i> 86. <i>Domain</i> 87. <i>Range</i> 88. <i>Spectrum</i> 89. <i>Scale</i> 90. <i>Level</i> 91. <i>Grade</i> 92. <i>Class</i> 93. <i>Category</i> 94. <i>Group</i> 95. <i>Class</i> 96. <i>Order</i> 97. <i>Rank</i> 98. <i>Position</i> 99. <i>Place</i> 100. <i>Point</i> 101. <i>Spot</i> 102. <i>Site</i> 103. <i>Place</i> 104. <i>Location</i> 105. <i>Area</i> 106. <i>Region</i> 107. <i>Zone</i> 108. <i>Field</i> 109. <i>Domain</i> 110. <i>Range</i> 111. <i>Spectrum</i> 112. <i>Scale</i> 113. <i>Level</i> 114. <i>Grade</i> 115. <i>Class</i> 116. <i>Category</i> 117. <i>Group</i> 118. <i>Class</i> 119. <i>Order</i> 120. <i>Rank</i> 121. <i>Position</i> 122. <i>Place</i> 123. <i>Point</i> 124. <i>Spot</i> 125. <i>Site</i> 126. <i>Place</i> 127. <i>Location</i> 128. <i>Area</i> 129. <i>Region</i> 130. <i>Zone</i> 131. <i>Field</i> 132. <i>Domain</i> 133. <i>Range</i> 134. <i>Spectrum</i> 135. <i>Scale</i> 136. <i>Level</i> 137. <i>Grade</i> 138. <i>Class</i> 139. <i>Category</i> 140. <i>Group</i> 141. <i>Class</i> 142. <i>Order</i> 143. <i>Rank</i> 144. <i>Position</i> 145. <i>Place</i> 146. <i>Point</i> 147. <i>Spot</i> 148. <i>Site</i> 149. <i>Place</i> 150. <i>Location</i> 151. <i>Area</i> 152. <i>Region</i> 153. <i>Zone</i> 154. <i>Field</i> 155. <i>Domain</i> 156. <i>Range</i> 157. <i>Spectrum</i> 158. <i>Scale</i> 159. <i>Level</i> 160. <i>Grade</i> 161. <i>Class</i> 162. <i>Category</i> 163. <i>Group</i> 164. <i>Class</i> 165. <i>Order</i> 166. <i>Rank</i> 167. <i>Position</i> 168. <i>Place</i> 169. <i>Point</i> 170. <i>Spot</i> 171. <i>Site</i> 172. <i>Place</i> 173. <i>Location</i> 174. <i>Area</i> 175. <i>Region</i> 176. <i>Zone</i> 177. <i>Field</i> 178. <i>Domain</i> 179. <i>Range</i> 180. <i>Spectrum</i> 181. <i>Scale</i> 182. <i>Level</i> 183. <i>Grade</i> 184. <i>Class</i> 185. <i>Category</i> 186. <i>Group</i> 187. <i>Class</i> 188. <i>Order</i> 189. <i>Rank</i> 190. <i>Position</i> 191. <i>Place</i> 192. <i>Point</i> 193. <i>Spot</i> 194. <i>Site</i> 195. <i>Place</i> 196. <i>Location</i> 197. <i>Area</i> 198. <i>Region</i> 199. <i>Zone</i> 200. <i>Field</i> 201. <i>Domain</i> 202. <i>Range</i> 203. <i>Spectrum</i> 204. <i>Scale</i> 205. <i>Level</i> 206. <i>Grade</i> 207. <i>Class</i> 208. <i>Category</i> 209. <i>Group</i> 210. <i>Class</i> 211. <i>Order</i> 212. <i>Rank</i> 213. <i>Position</i> 214. <i>Place</i> 215. <i>Point</i> 216. <i>Spot</i> 217. <i>Site</i> 218. <i>Place</i> 219. <i>Location</i> 220. <i>Area</i> 221. <i>Region</i> 222. <i>Zone</i> 223. <i>Field</i> 224. <i>Domain</i> 225. <i>Range</i> 226. <i>Spectrum</i> 227. <i>Scale</i> 228. <i>Level</i> 229. <i>Grade</i> 230. <i>Class</i> 231. <i>Category</i> 232. <i>Group</i> 233. <i>Class</i> 234. <i>Order</i> 235. <i>Rank</i> 236. <i>Position</i> 237. <i>Place</i> 238. <i>Point</i> 239. <i>Spot</i> 240. <i>Site</i> 241. <i>Place</i> 242. <i>Location</i> 243. <i>Area</i> 244. <i>Region</i> 245. <i>Zone</i> 246. <i>Field</i> 247. <i>Domain</i> 248. <i>Range</i> 249. <i>Spectrum</i> 250. <i>Scale</i> 251. <i>Level</i> 252. <i>Grade</i> 253. <i>Class</i> 254. <i>Category</i> 255. <i>Group</i> 256. <i>Class</i> 257. <i>Order</i> 258. <i>Rank</i> 259. <i>Position</i> 260. <i>Place</i> 261.

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1	7/20/20	UPDATE TO 7th ED (2020)	ERC	1 ES
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NO	DATE		BY
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REVISIONS

CONSULTANTS INC.

DATE: 10/11/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21132.2

SHEET 17 OF 17