

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

FLORIDA DEPARTMENT OF
Business & Professional Regulation



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Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > **Application List**

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Search Criteria

[Refine Search](#)

Code Version	2023	FL#	20461.1
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL20461-R9 History	Revision	Therma-Tru Corporation FL#: FL20461.1 Model: a. Therma-Tru Fiber-Classic and Smooth-Star Description: Nominal 6'8 "Non-Impact" Opaque Composite Edge Fiberglass Single Door (Inswing/Outswing; X configuration) Category: Exterior Doors Subcategory: Swinging Exterior Door Assemblies	Ryan J. King, P.E. (813) 767-6555	Approved

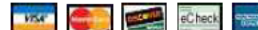
*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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Product Approval Accepts:



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Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

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FL #	FL20461-R9												
Application Type	Revision												
Code Version	2023												
Application Status	Approved												
Comments													
Archived	☐												
Product Manufacturer	Therma-Tru Corporation												
Address/Phone/Email	1750 Indian Wood Circle Maumee, OH 43537 (800) 843-7628 sjasperson@thermatru.com												
Authorized Signature	Vivian Wright rickw@rwblgdgconsultants.com												
Technical Representative													
Address/Phone/Email													
Quality Assurance Representative													
Address/Phone/Email													
Category	Exterior Doors												
Subcategory	Swinging Exterior Door Assemblies												
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☐ Evaluation Report - Hardcopy Received												
Florida Engineer or Architect Name who developed the Evaluation Report	Lyndon F. Schmidt, P.E.												
Florida License	PE-43409												
Quality Assurance Entity	National Accreditation and Management Institute												
Quality Assurance Contract Expiration Date	12/31/2026												
Validated By	Ryan J. King, P.E. ☒ Validation Checklist - Hardcopy Received												
Certificate of Independence	FL20461_R9_COI_(k)_Cert_of_Independence.pdf												
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ASTM E1300</td> <td>2004</td> </tr> <tr> <td>ASTM E330</td> <td>2002</td> </tr> <tr> <td>ASTM E330</td> <td>2014</td> </tr> <tr> <td>ASTM E331</td> <td>2000</td> </tr> <tr> <td>TAS 202</td> <td>1994</td> </tr> </tbody> </table>	Standard	Year	ASTM E1300	2004	ASTM E330	2002	ASTM E330	2014	ASTM E331	2000	TAS 202	1994
Standard	Year												
ASTM E1300	2004												
ASTM E330	2002												
ASTM E330	2014												
ASTM E331	2000												
TAS 202	1994												
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL20461_R9_Equiv_of_Standards(h).pdf												

Sections from the Code

THERMA-TRU® DOORS

Fiber-Classic® & Smooth-Star®

COMPOSITE EDGE OPAQUE FIBERGLASS SINGLE DOOR INSWING/OUTSWING "NON-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" (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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. Fiber-Classic & Smooth-Star Door panels require the use of "J" part numbers and must be stained or painted within six months of installation.

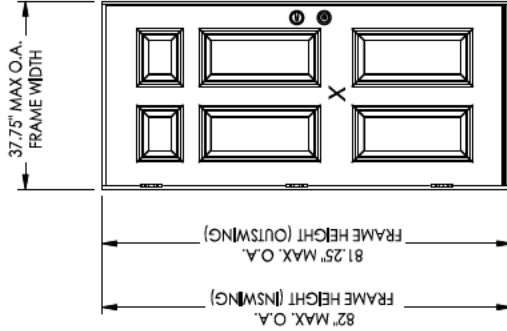
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Elevations
4	Horizontal & Vertical Cross Sections (2X Buck)
5	Horizontal & Vertical Cross Sections (1X Buck)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Vertical Cross Sections (Thresholds)
8	Buck & Frame Anchoring
9	Hardware Details
10	Components
11	Components & Bill of Materials



Digitally signed by Lyndon F Schmidt
Date: 2023.07.19 15:05:08 -0400

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

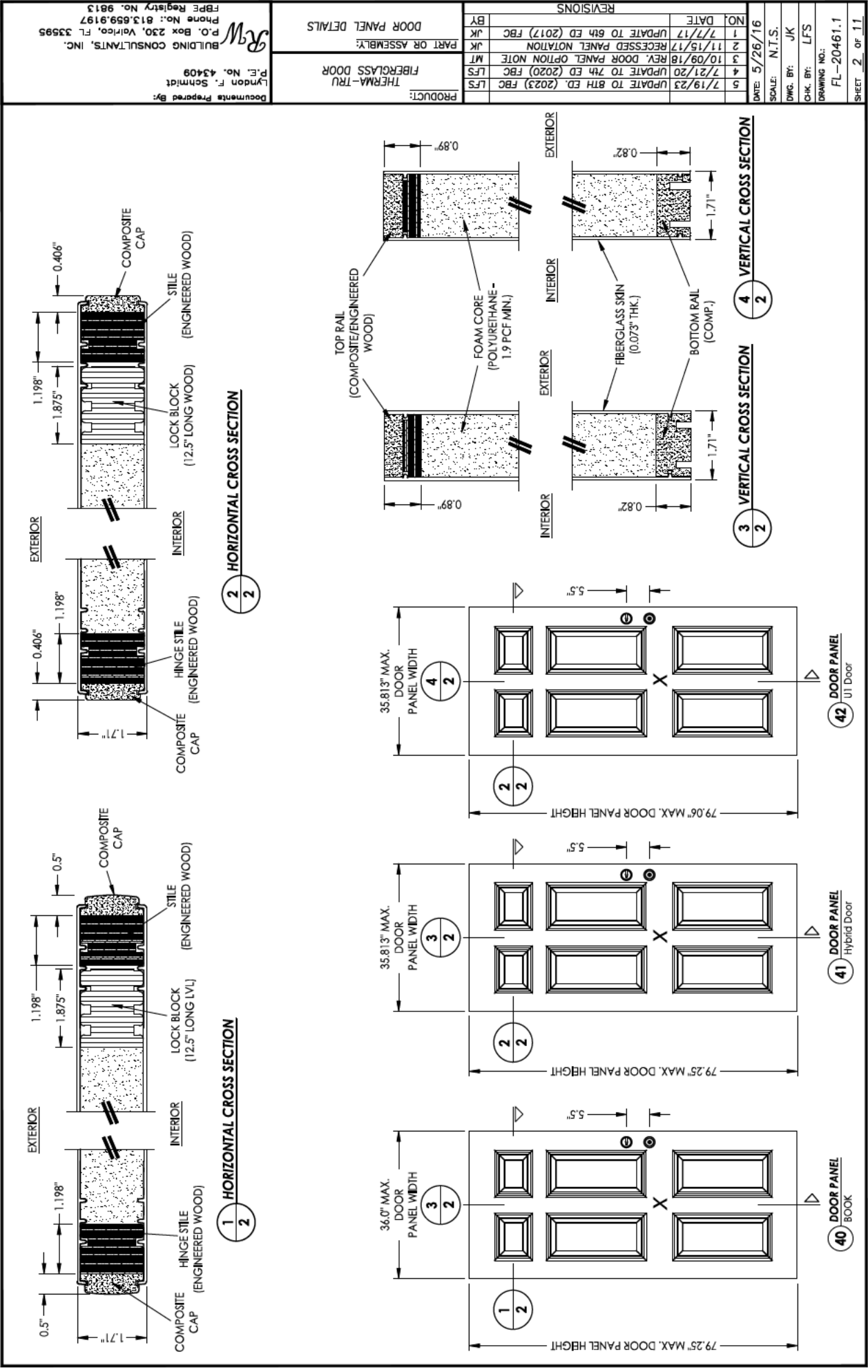


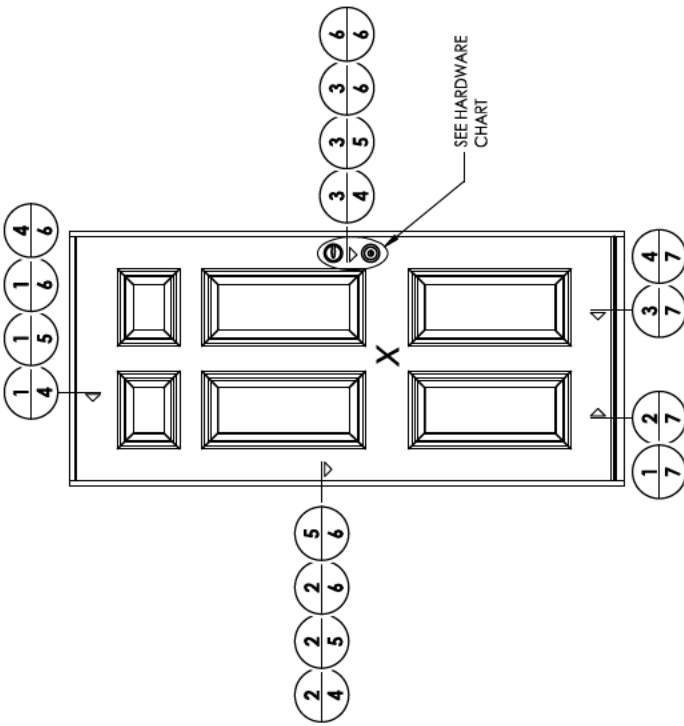
CONFIGURATION	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	Latch & Deadbolt	+70.0	-75.0	+67.0	-67.0
X	Multipoint	+80.0	-80.0	+80.0	-80.0

See Sheet 3 for Hardware Specifications

PRODUCT:		THERMA-TRU FIBERGLASS DOOR	
PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
BY	JK	DATE	7/7/17
DATE	7/7/17	UPDATE TO 6th ED (2017) FBC	
NO.	1	RECESSED PANEL NOTATION	
2	11/15/17	REV. DOOR PANEL OPTION NOTE	
3	10/09/18	UPDATE TO 7th ED (2020) FBC	
4	7/21/20	UPDATE TO 8th ED. (2023) FBC	
5	7/19/23		

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Vero Beach, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813





HARDWARE TABLE	
MANUFACTURER	MODEL
SCHLAGE	KNOB: F51 DEADBOLT: B60
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)
HOPPE (THERMA-TRU)	MULTIPOINT : MPD GART (3 pt. Manual Tongue)

5	7/19/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	7/21/20	UPDATE TO 7TH ED (2020) FBC	LFS
3	10/09/18	REV. DOOR PANEL OPTION NOTE	MT
2	7/17/17	RECEIVED PANEL NOTATION	JK
1	7/17/17	UPDATE TO 6TH ED (2017) FBC	JK
NO.	DATE		BY

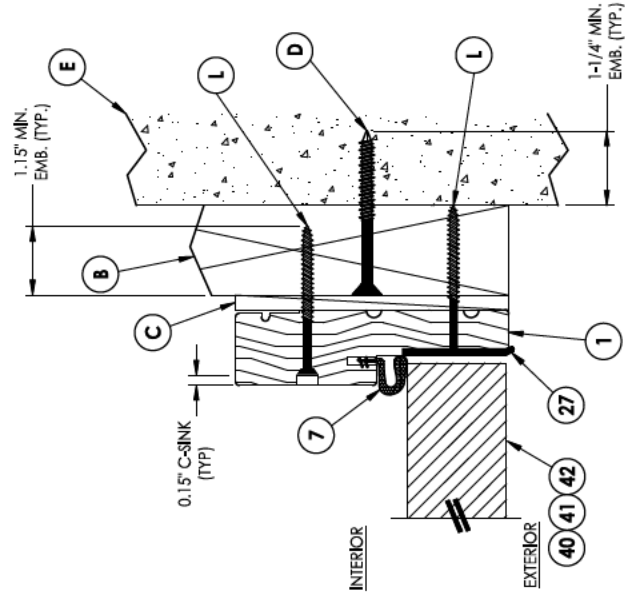
SCALE: 5/28/16
 DATE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-20461.1
 SHEET 3 of 11

Fiber-Classic/Smooth-Star Door Panel Options

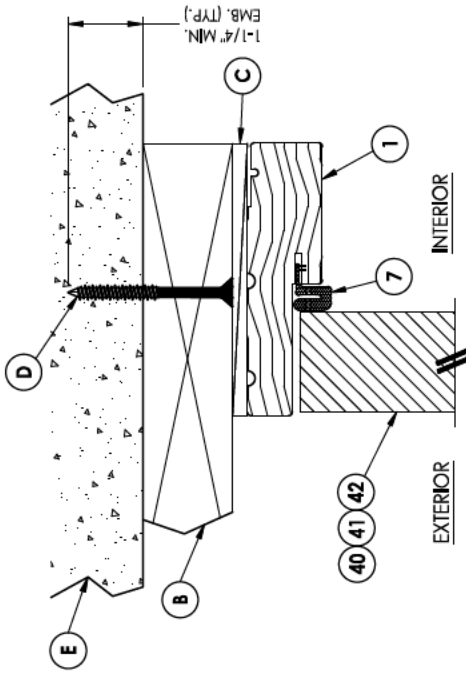
Products approved include all embossed and recessed panel doors. Similar glazed panel configurations are allowed. Panels shown are for illustration and are representative only.

[illegible]

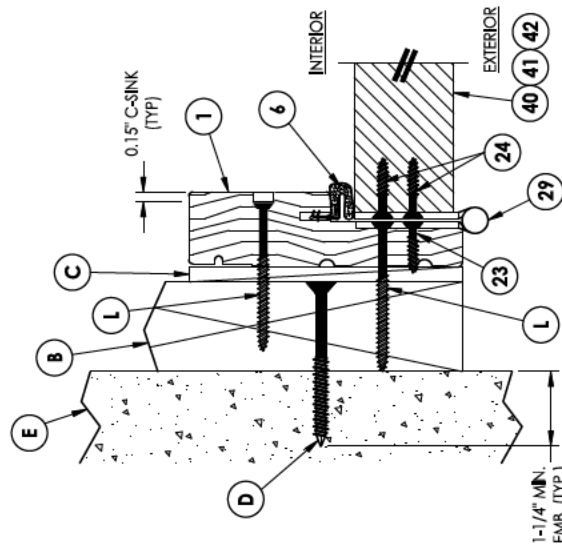
Documents Prepared By: Lyndon F. Schmidt
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LF
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P.O. Box 230, Vero Beach, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



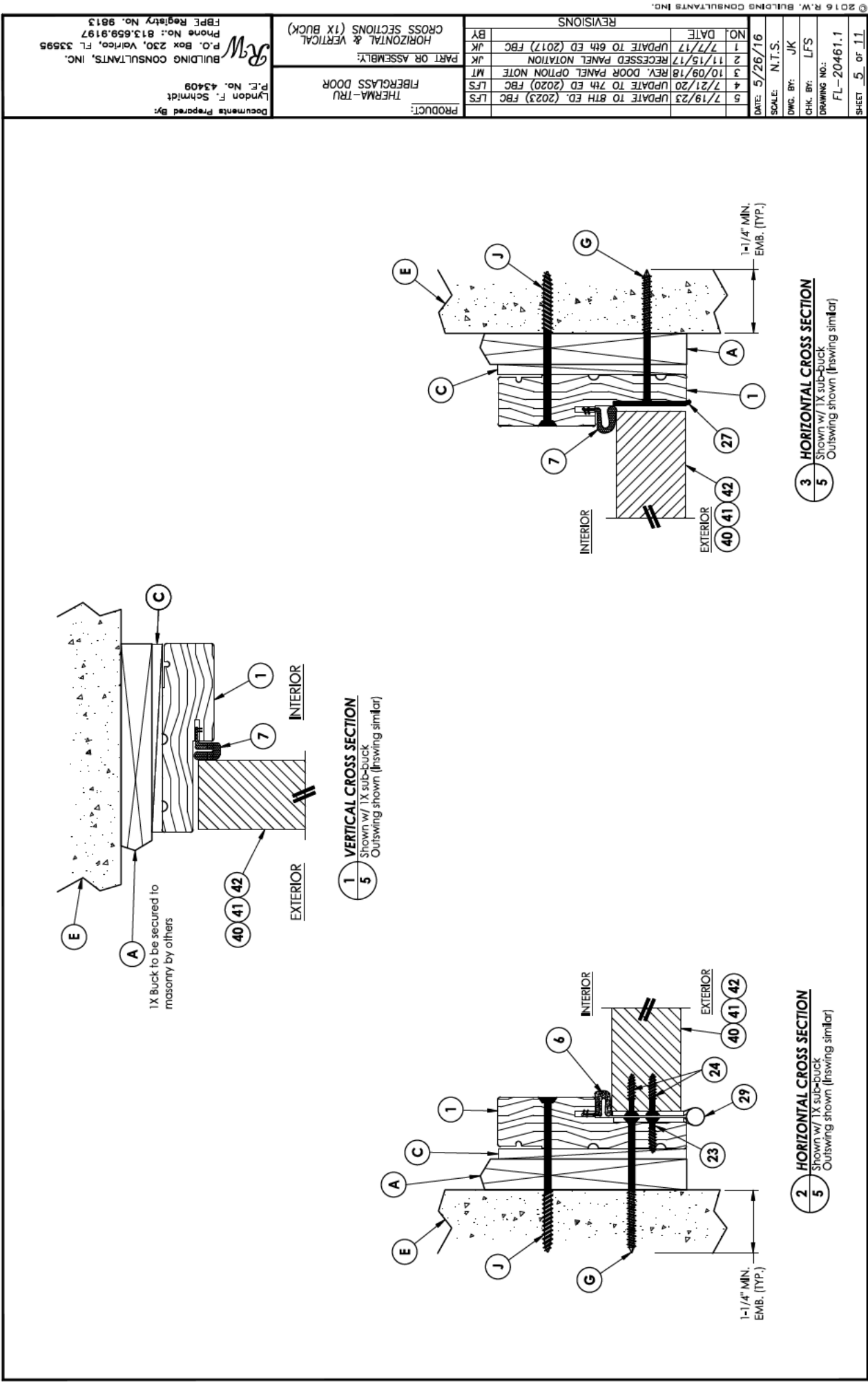
3 HORIZONTAL CROSS SECTION



1 **VERTICAL CROSS SECTION**
4 Shown w/ 2X Buck
 Outswing shown (inswing similar)

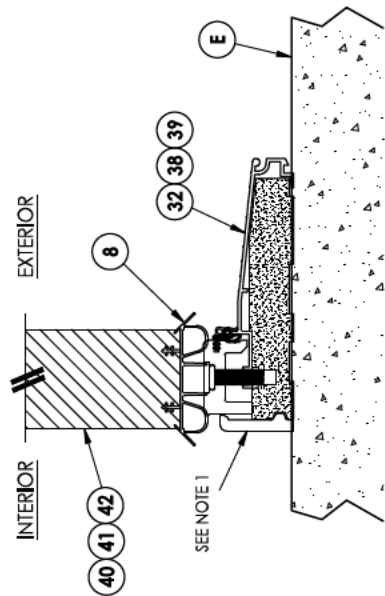


2 HORIZONTAL CROSS SECTION
4 Shown w/ 2X Buck
Outswing shown (Inswing similar)

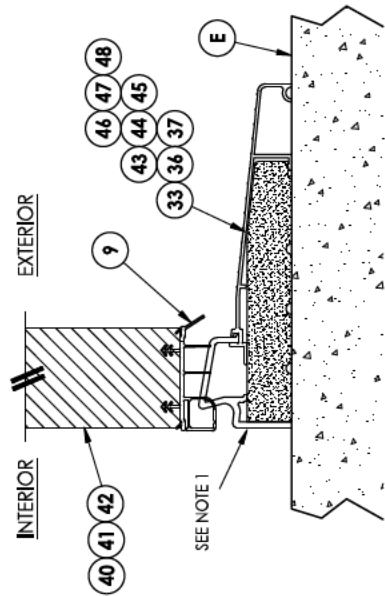


DATE: 5/26/16		SCALE: N.T.S.	DWG. BY: JK	CHK. BY: LFS	DRAWING NO.: FL-20461.1	SHEET 5 of 11			
5	7/19/23	UPDATE TO 8TH ED. (2023) FBC							
4	7/21/20	UPDATE TO 7TH ED. (2020) FBC							
3	10/09/18	REV. DOOR PANEL OPTION NOTE							
2	11/15/17	RECESSED PANEL NOTATION							
1	7/7/17	UPDATE TO 6TH ED. (2017) FBC							
NO. DATE									
REVISIONS									
BY									
PART OR ASSEMBLY:									
THERMA-TRU									
FIBERGLASS DOOR									
PRODUCT:									
HORIZONTAL & VERTICAL									
CROSS SECTIONS (1X BUCK)									
									
BUILDING CONSULTANTS, INC.									
P.O. Box 230, Vero Beach, FL 33595									
Phone No.: 813.659.9197									
FBPE Registry No. 9813									

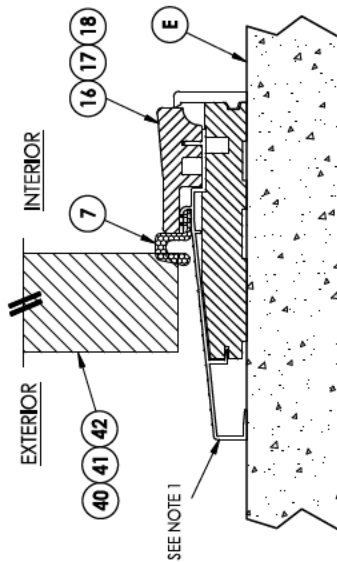
- Notes:
1. Sill Item #s 16, 32, 33, 36, 37, 38, 39, 43, 44, 45, 46, 47 & 48 are attached to jambs w/ (3) #8 X 2-1/2" phn screws or (3) 2.5" staples at each end.
 2. Sill Item #s 17 & 18 are attached to jambs w/ (2) #8 X 2-1/2" phn screws at each end.
 3. Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS screws at each end.



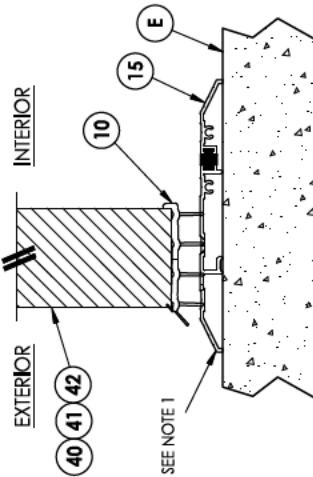
1 VERTICAL CROSS SECTION
7 Inswing Sill



2 VERTICAL CROSS SECTION
7 Inswing Sill



3 VERTICAL CROSS SECTION
7 Outswing Sill



4 VERTICAL CROSS SECTION
7 Public Access Sill

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

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

PRODUCT:
THERMA-TRU
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS (THRESHOLDS)

REVISIONS	
NO.	DATE
1	7/7/17
2	11/15/17
3	10/09/18
4	7/21/20
5	7/19/23
UPDATE TO 8TH ED. (2023) FBC	
UPDATE TO 7TH ED (2020) FBC	
REV. DOOR PANEL OPTION NOTE	
RECESSED PANEL NOTATION	
UPDATE TO 6TH ED (2017) FBC	
BY	JK
BY	JK

SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20461.1
SHEET 7 **OF** 11

