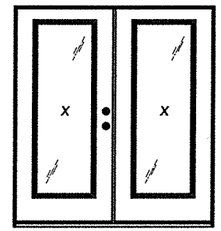
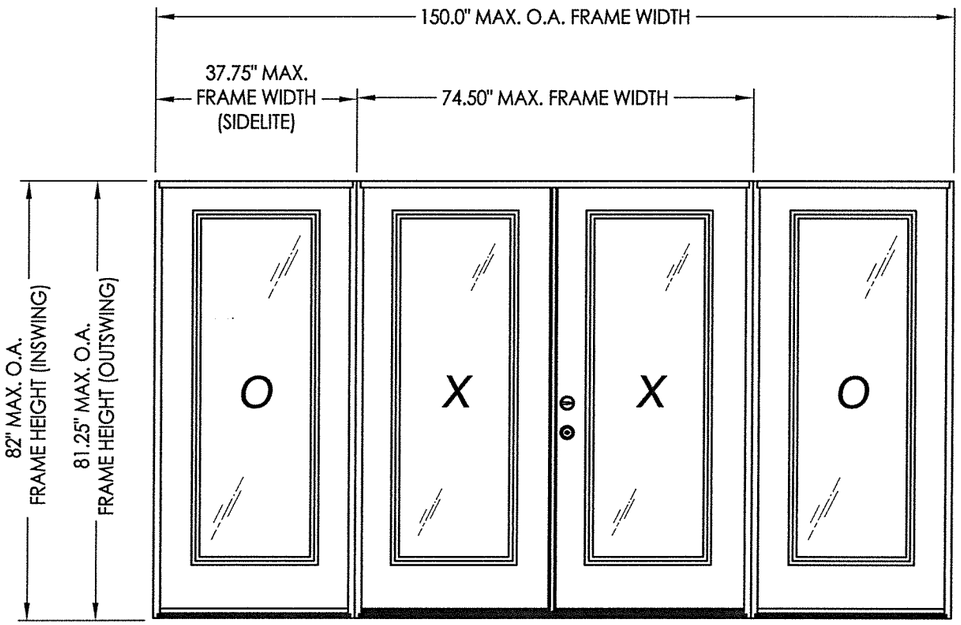
THERMA-TRU®
DOORS

Profiles™ & Traditions

# WOOD EDGE
# GLAZED STEEL DOUBLE DOOR
# w/ or w/out SIDELITES
## INSWING/OUTSWING
## "IMPACT"




XX




OXXO

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 | MAX OVERALL FRAME DIMENSION | DESIGN PRESSURE (PSF) INSWING | | DESIGN PRESSURE (PSF) OUTSWING | |
|---|---|---|---|---|---|
| | | POSITIVE | NEGATIVE | POSITIVE | NEGATIVE |
| XX | 74.50" x 82.0" | +47.0 | -53.0 | +50.0 | -50.0 |
| OXXO | 150.0" x 82.0" | +47.0 | -53.0 | +50.0 | -50.0 |

July 21, 2020

Documents Prepared By:
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: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

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

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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21132.11
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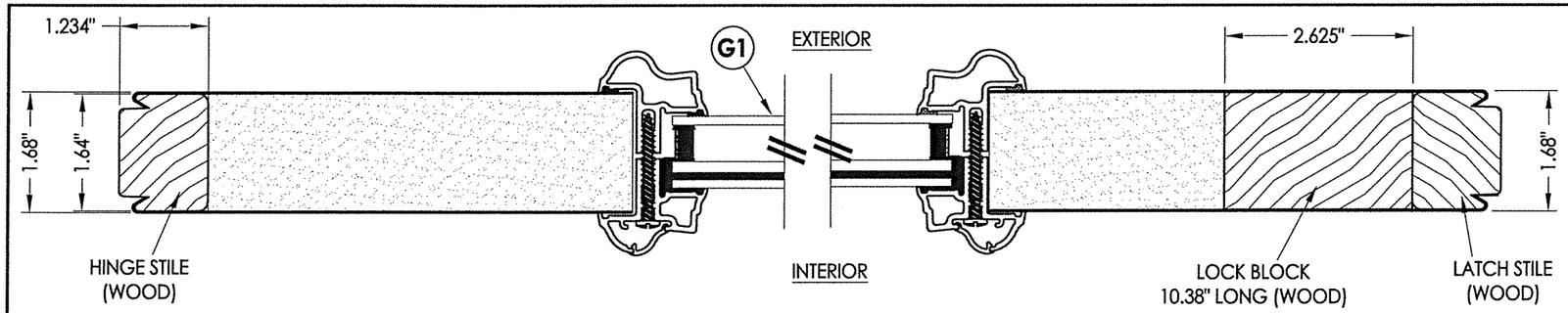
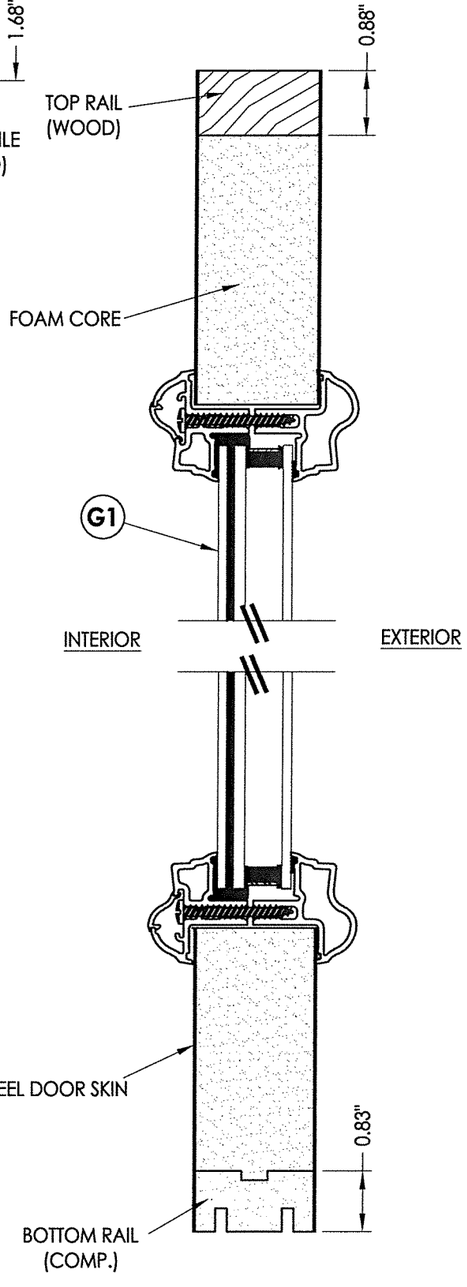
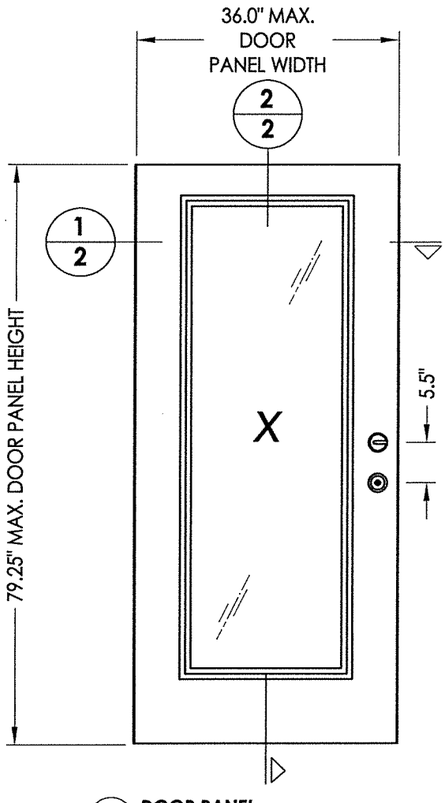


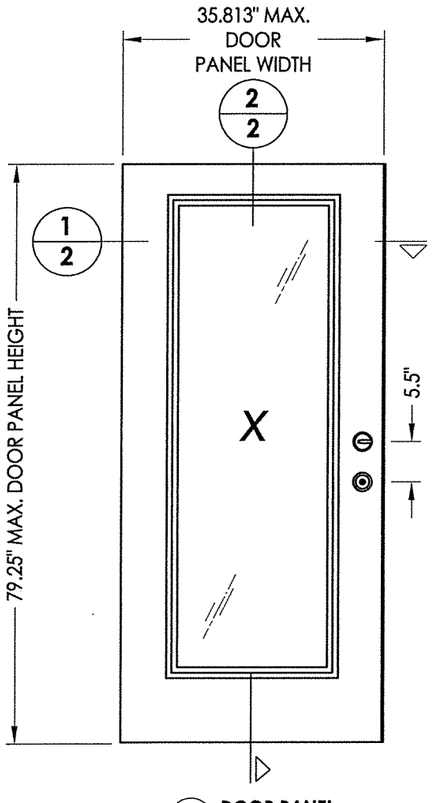

1/2 **HORIZONTAL CROSS SECTION**



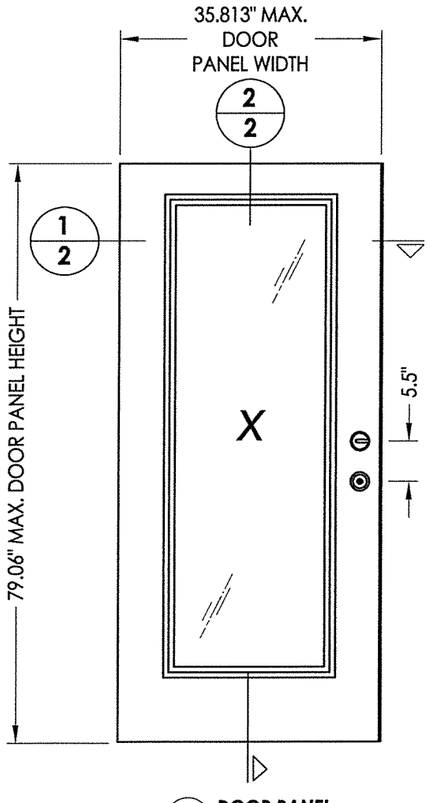

2/2 **VERTICAL CROSS SECTION**




40 **DOOR PANEL**
BOOK




41 **DOOR PANEL**
Hybrid Door




42 **DOOR PANEL**
U1 Door

## "PROFILES" SERIES DOOR PANEL

STEEL DOOR SKIN: 24 GA. (0.022" MIN. THICKNESS, Fy = 48,470 PSI MIN.)
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)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PRODUCT: *THERMA-TRU STEEL DOOR*

PART OR ASSEMBLY: *"PROFILES" DOOR PANEL DETAILS*

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

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DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21132.11
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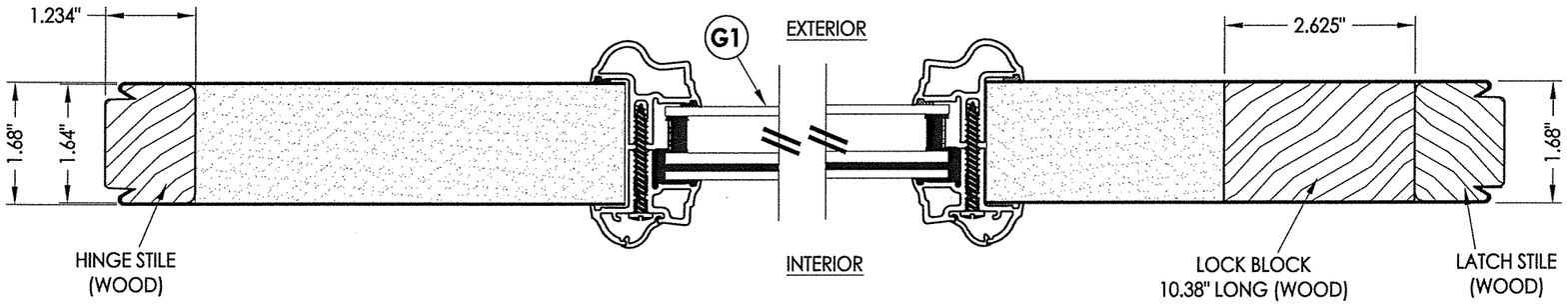
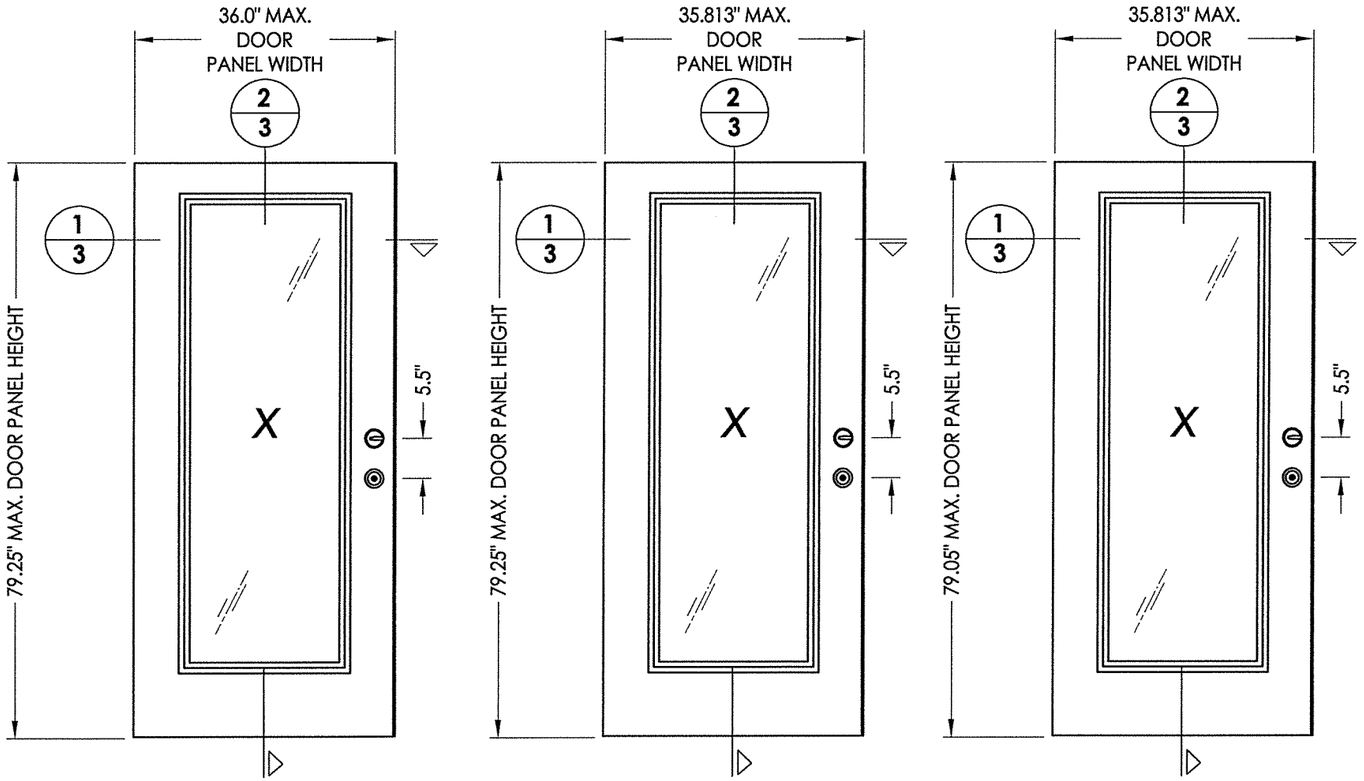
R:\Clients\Therma Tru PERMANENT\A - Florida Product Approvals\FL-21132 Steel Wood Edge Impact Non-HVHZ\C - Drawings\FL 21132 (2020)\FL-21132.9-11.dwg, 2.4




1/3 **HORIZONTAL CROSS SECTION**



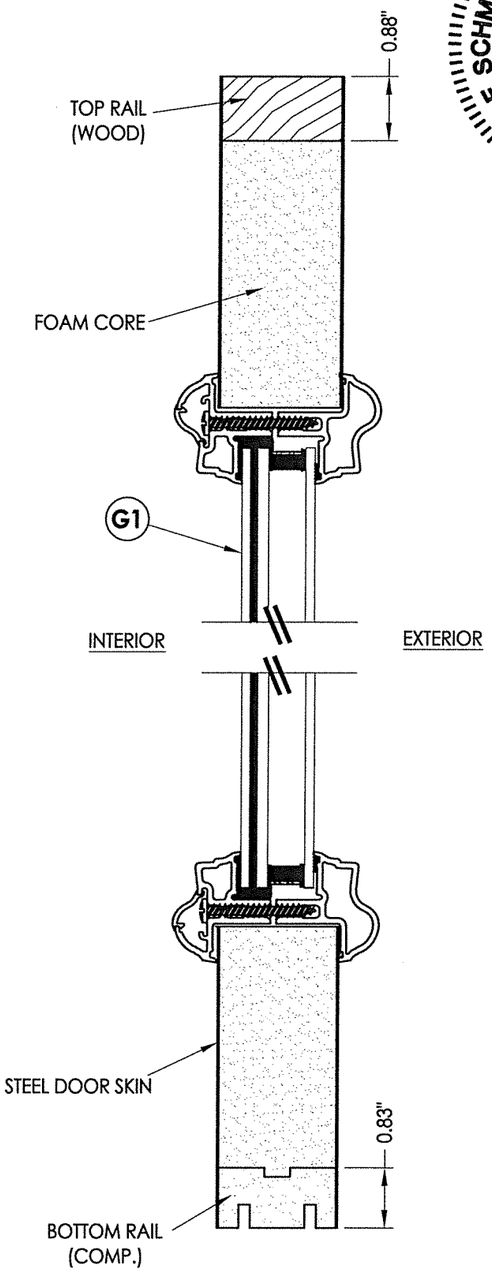

60 **DOOR PANEL** BOOK

61 **DOOR PANEL** Hybrid Door

62 **DOOR PANEL** U1 Door

## "TRADITIONS" SERIES DOOR PANEL

STEEL DOOR SKIN: 25 GA. (0.018" MIN. THICKNESS, Fy = 27,830 PSI MIN.)
FOAM CORE: POLYURETHANE FOAM (1.9 PCF MIN.)




2/3 **VERTICAL CROSS SECTION**

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FBPE Registry No. 9813

PRODUCT: *THERMA-TRU STEEL DOOR*

PART OR ASSEMBLY: *"TRADITIONS" DOOR PANEL DETAILS*

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

DATE: 10/12/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21132.11
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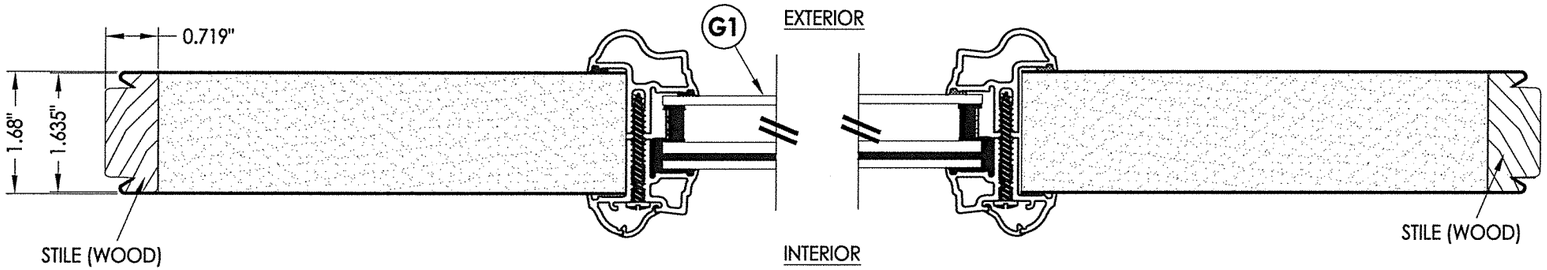
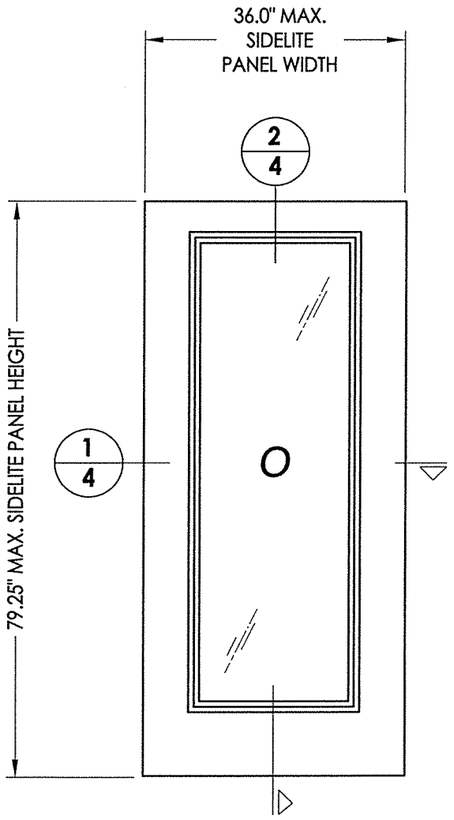


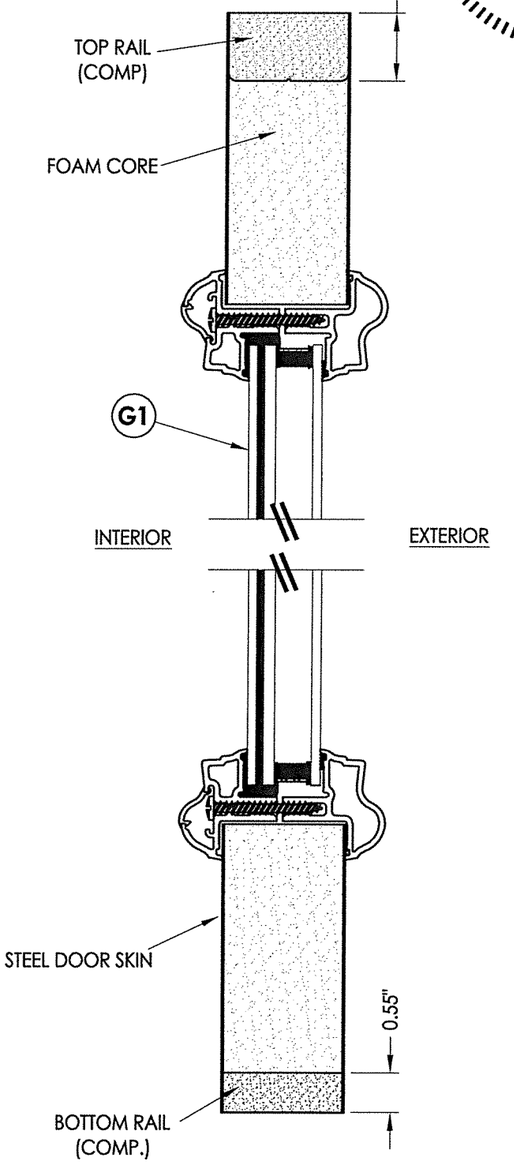

1/4 **HORIZONTAL CROSS SECTION**




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**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FBPE Registry No. 9813


PRODUCT: THERMA-TRU STEEL DOOR

PART OR ASSEMBLY: SIDELITE PANEL / GLAZING DETAILS

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
| 1 | 2/20/20 | UPDATE TO 6th EDITION (2020) FBC | LFS |

DATE: 10/12/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21132.11
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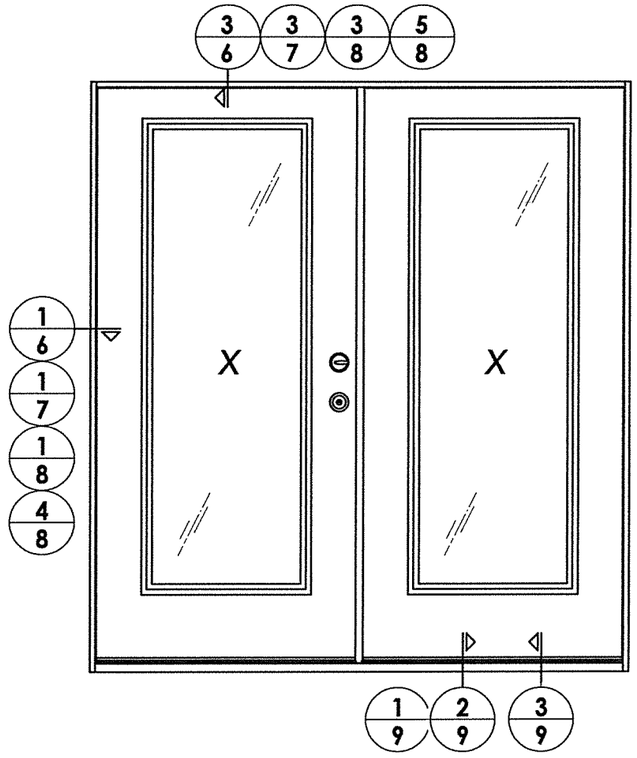
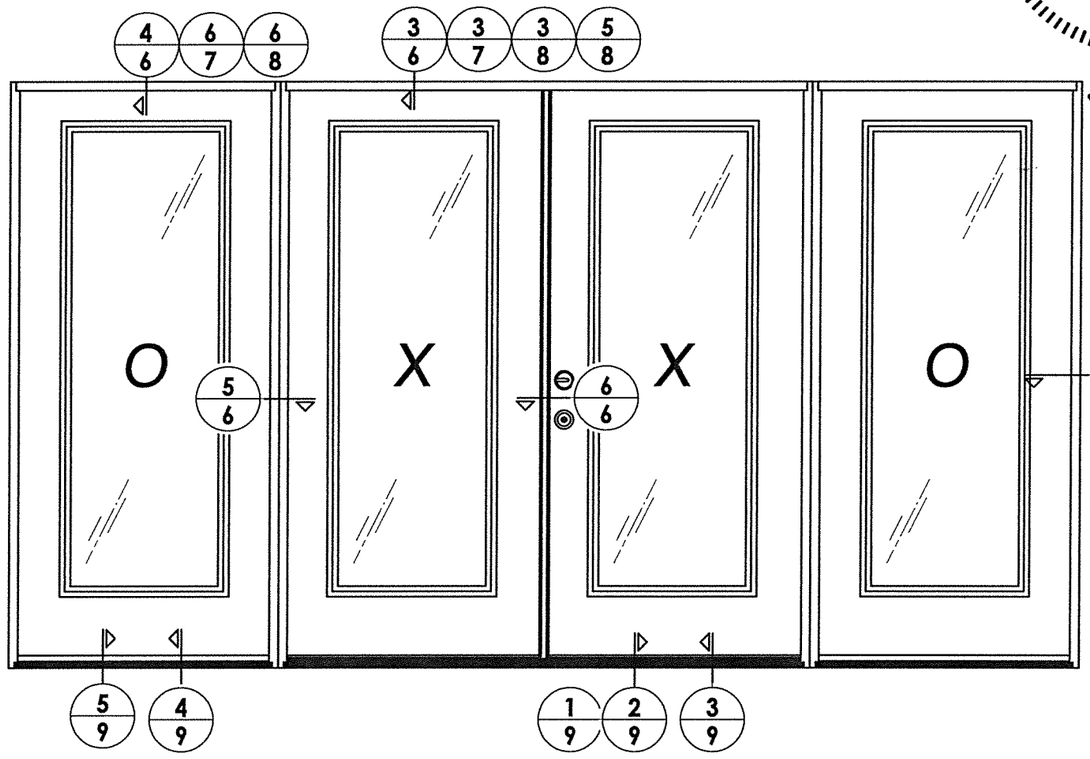
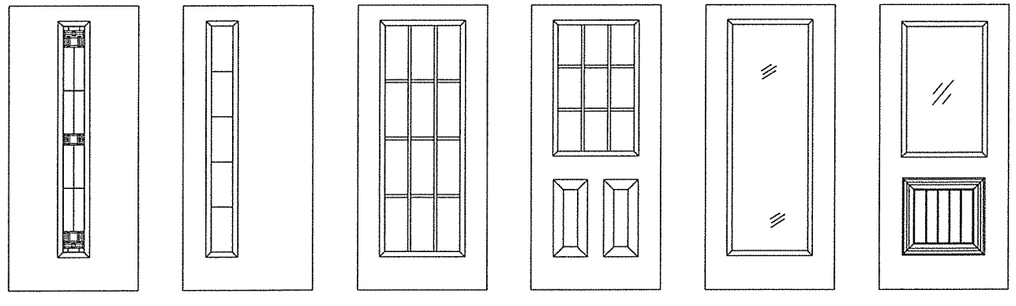



ELEVATION
XX




ELEVATION
OXXO



**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<br>DEADBOLT: B60 |
| KWIKSET | KNOB: SIGNATURE SERIES<br>DEADBOLT: SIGNATURE SERIES (980) |

July 21, 2020

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FBPE Registry No.: 9813

PRODUCT: THERMA-TRU STEEL DOOR

PART OR ASSEMBLY: ELEVATIONS

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

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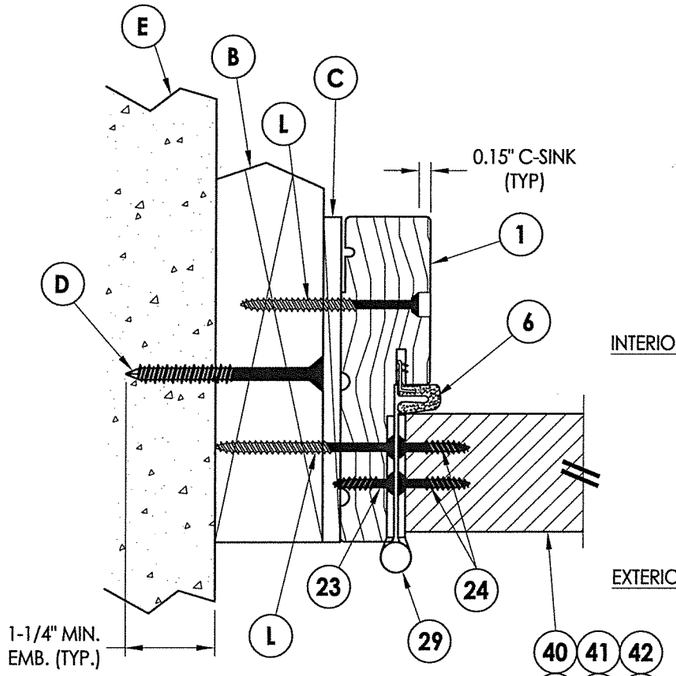
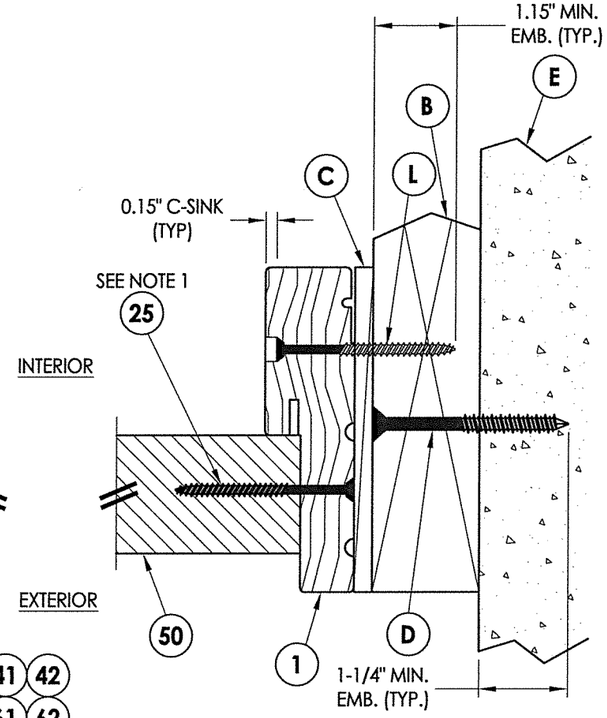
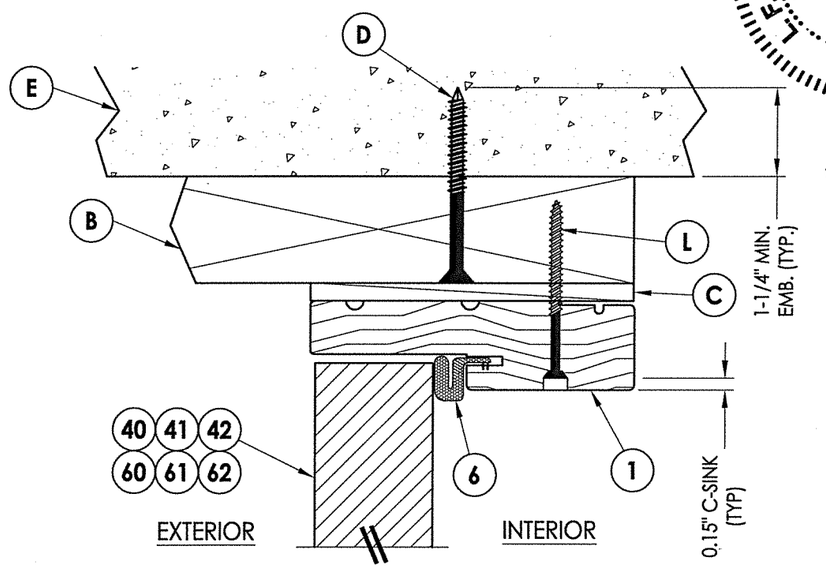



1/6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

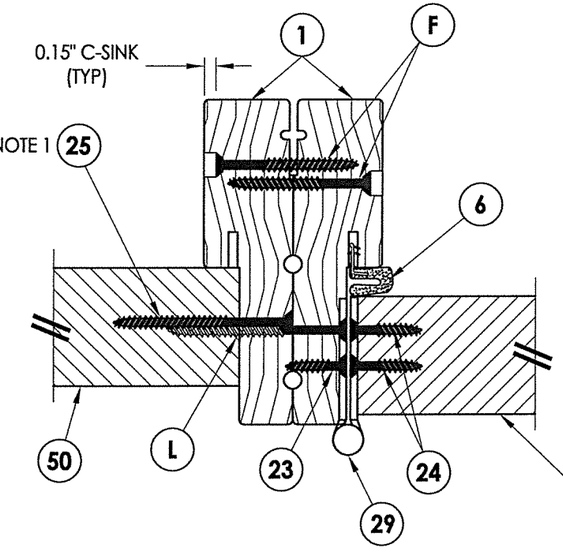



2/6 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)

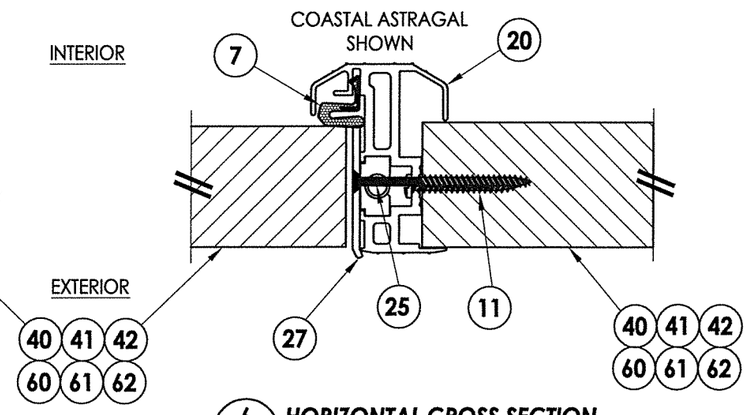
Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



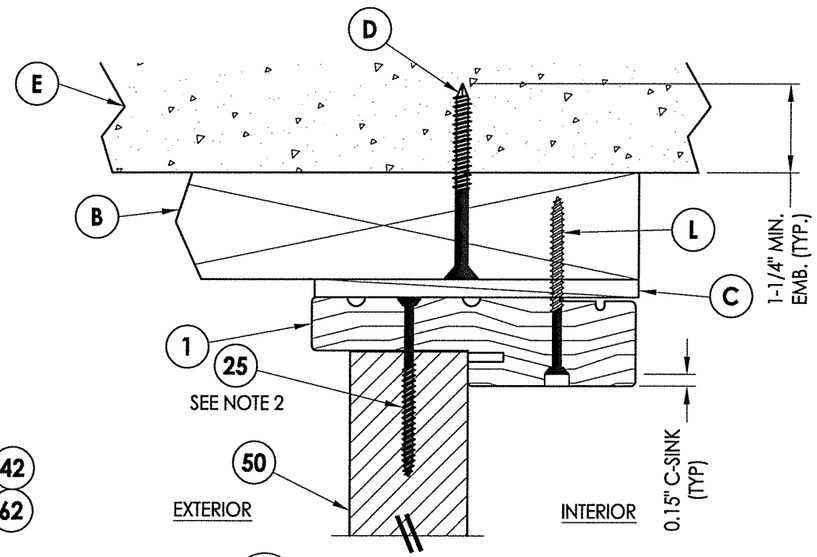

3/6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)




5/6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)




6/6 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)




4/6 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing shown (Inswing similar)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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: VERTICAL & HORIZONTAL CROSS SECTIONS (2X BUCK)

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

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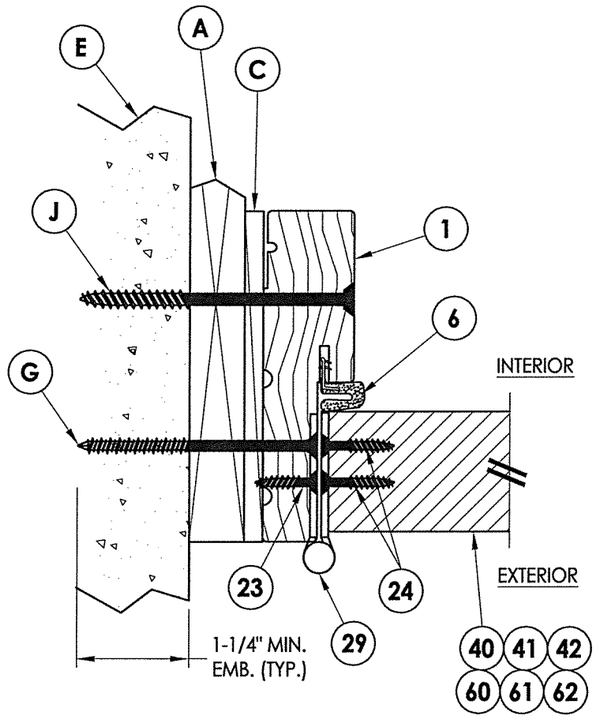
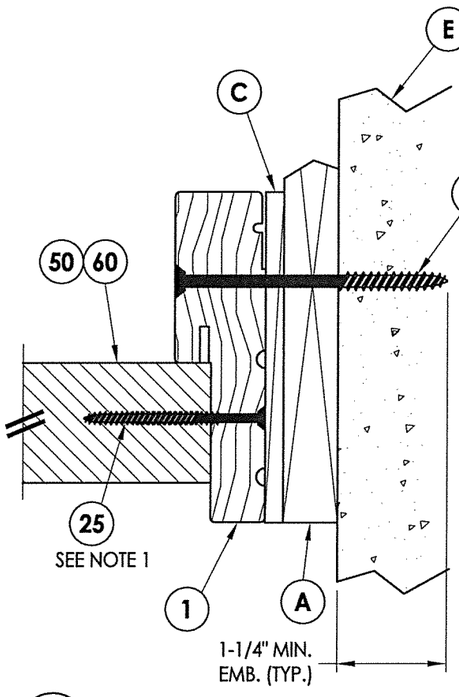
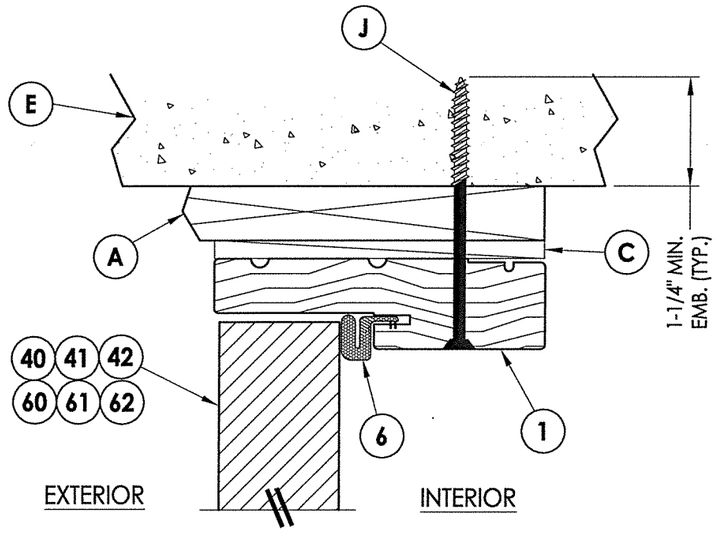
Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).



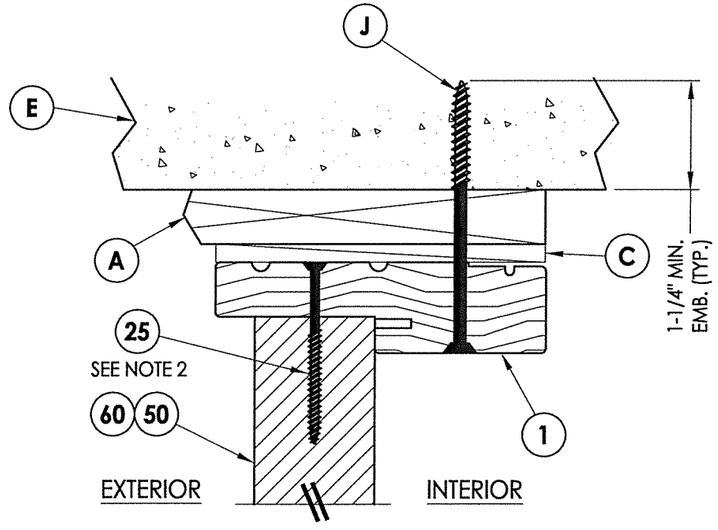

**1/7 HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)




**2/7 HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)




**3/7 VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)




**4/7 VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

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L. F. SCHMIDT
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July 21, 2020

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FBPE Registry No. 9813

PRODUCT: THERMA-TRU STEEL DOOR

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

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

DATE: 10/12/17
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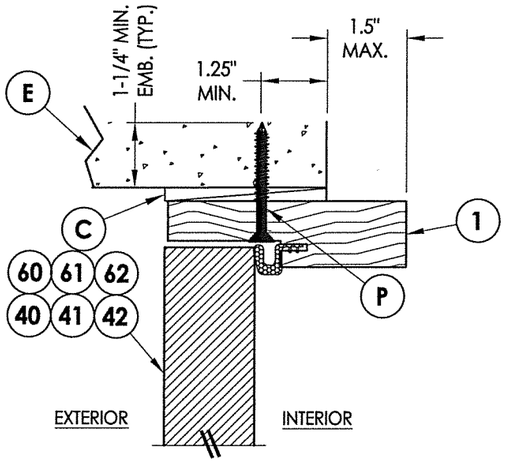
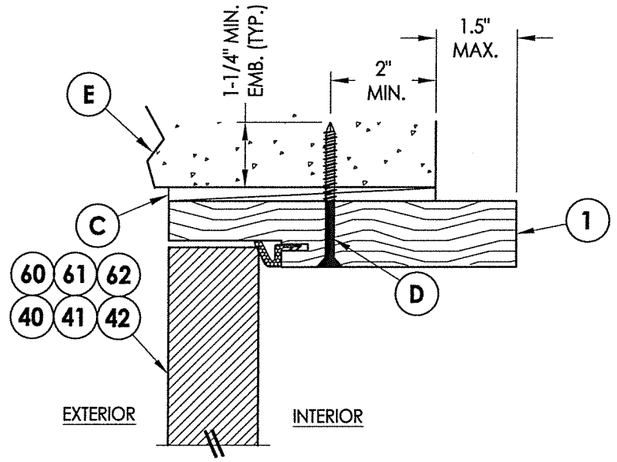
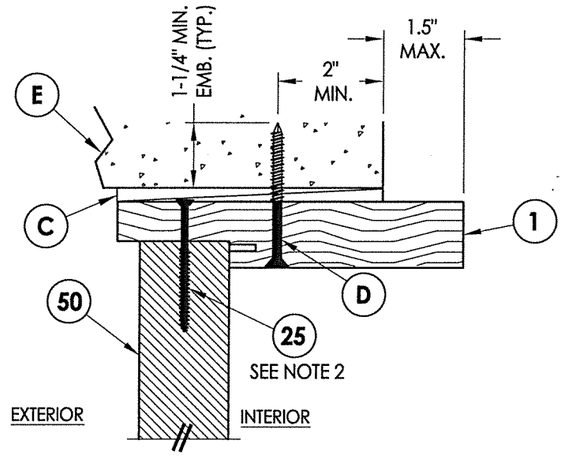



**3/8 VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)

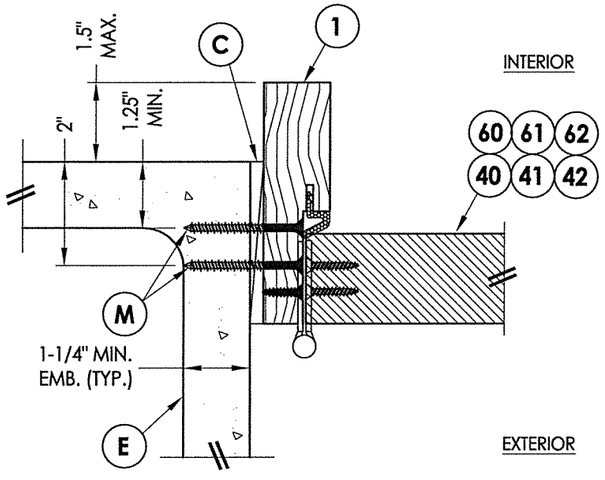



**5/8 VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

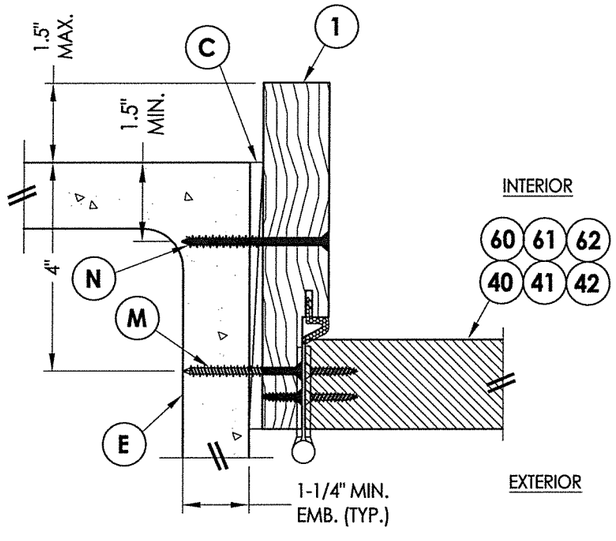



**6/8 VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

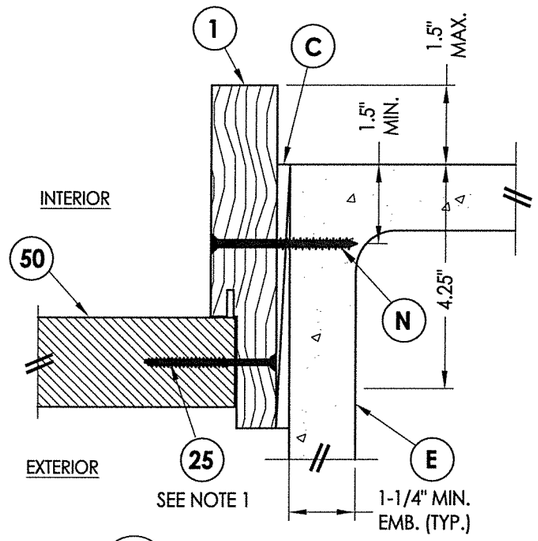
Notes:
1. Sidelite assembly screws located 7" from top and 14" from bottom & 2 more screws equally spaced between (4 screws total per side jamb).
2. Sidelite assembly screws located 3" from each end (2 screws along head jamb).




**1/8 HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb
Double Door Only (N/A w/ Sidelites)




**4/8 HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb




**2/8 HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb


L.F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER
July 21, 2020
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FBPE Registry No. 9813


PRODUCT: THERMA-TRU STEEL DOOR

PART OR ASSEMBLY: HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)

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

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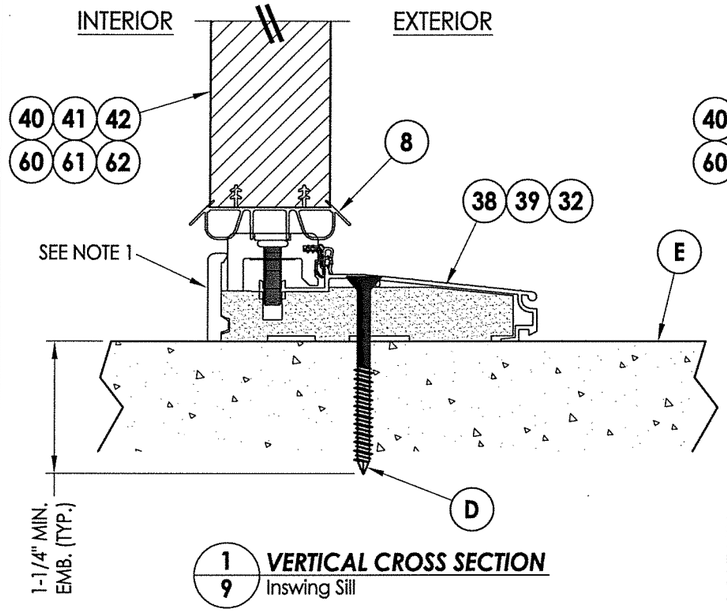
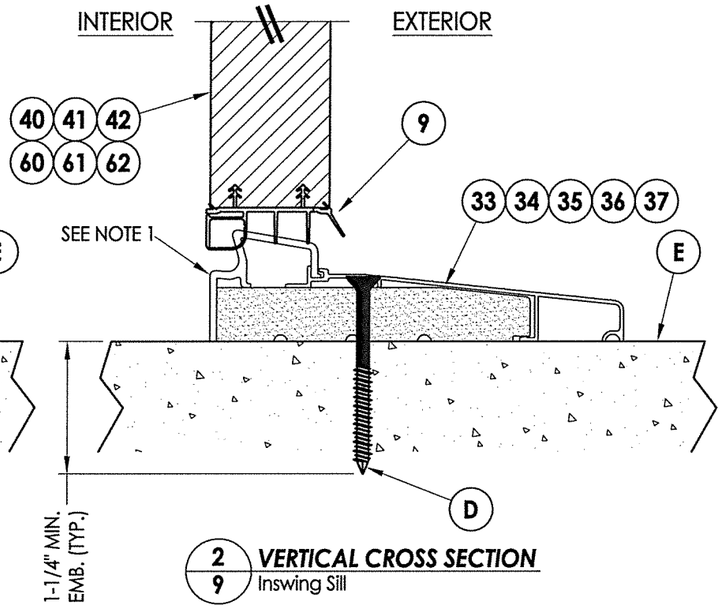
DRAWING NO.: FL-21132.11
SHEET 8 OF 15

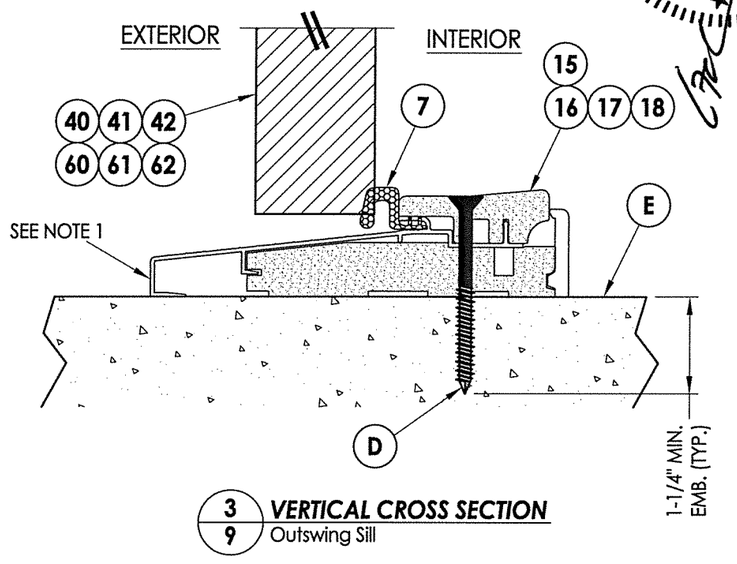
Notes:
1. Sill Item #'s 17, 18, 32, 34, 35, 36, 37, 38 & 39 are attached to jambs w/ (3) #8 X 2-1/2" pfh screws at each end.
   Sill Item #'s 16 & 33 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.
   Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph screws at each end.
2.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



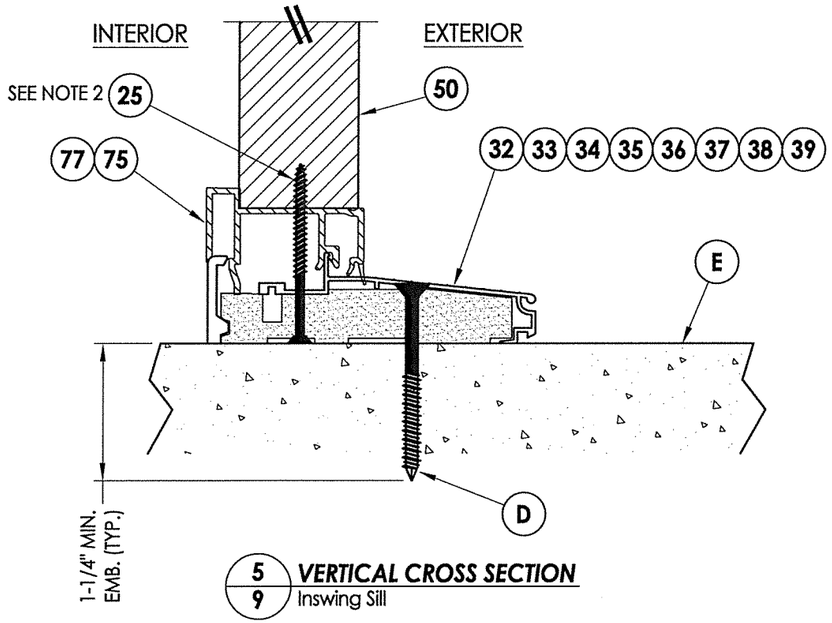

1/9 **VERTICAL CROSS SECTION** Inswing Sill



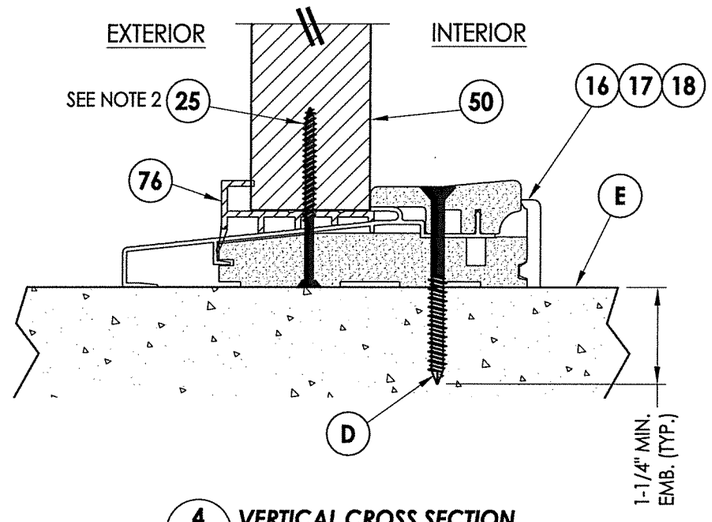

2/9 **VERTICAL CROSS SECTION** Inswing Sill




3/9 **VERTICAL CROSS SECTION** Outswing Sill




5/9 **VERTICAL CROSS SECTION** Inswing Sill




4/9 **VERTICAL CROSS SECTION** Outswing Sill


L. F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER
July 21, 2020
Documents Prepared By:
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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

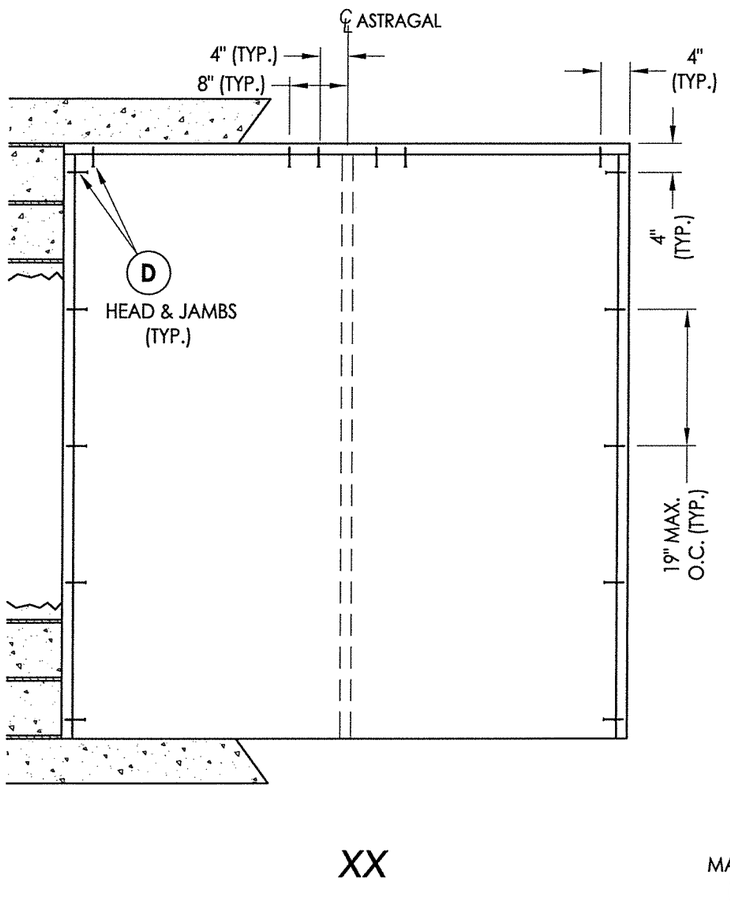
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)

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

DATE: 10/12/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21132.11
SHEET 9 OF 15



R:\Clients\Therma Tru PERMANENT\A - Florida Product Approvals\FL-21132 Steel Wood Edge Impact Non-HVHZ\C - Drawings\FL 21132 (2020)\FL-21132.9-11.dwg, 9.4

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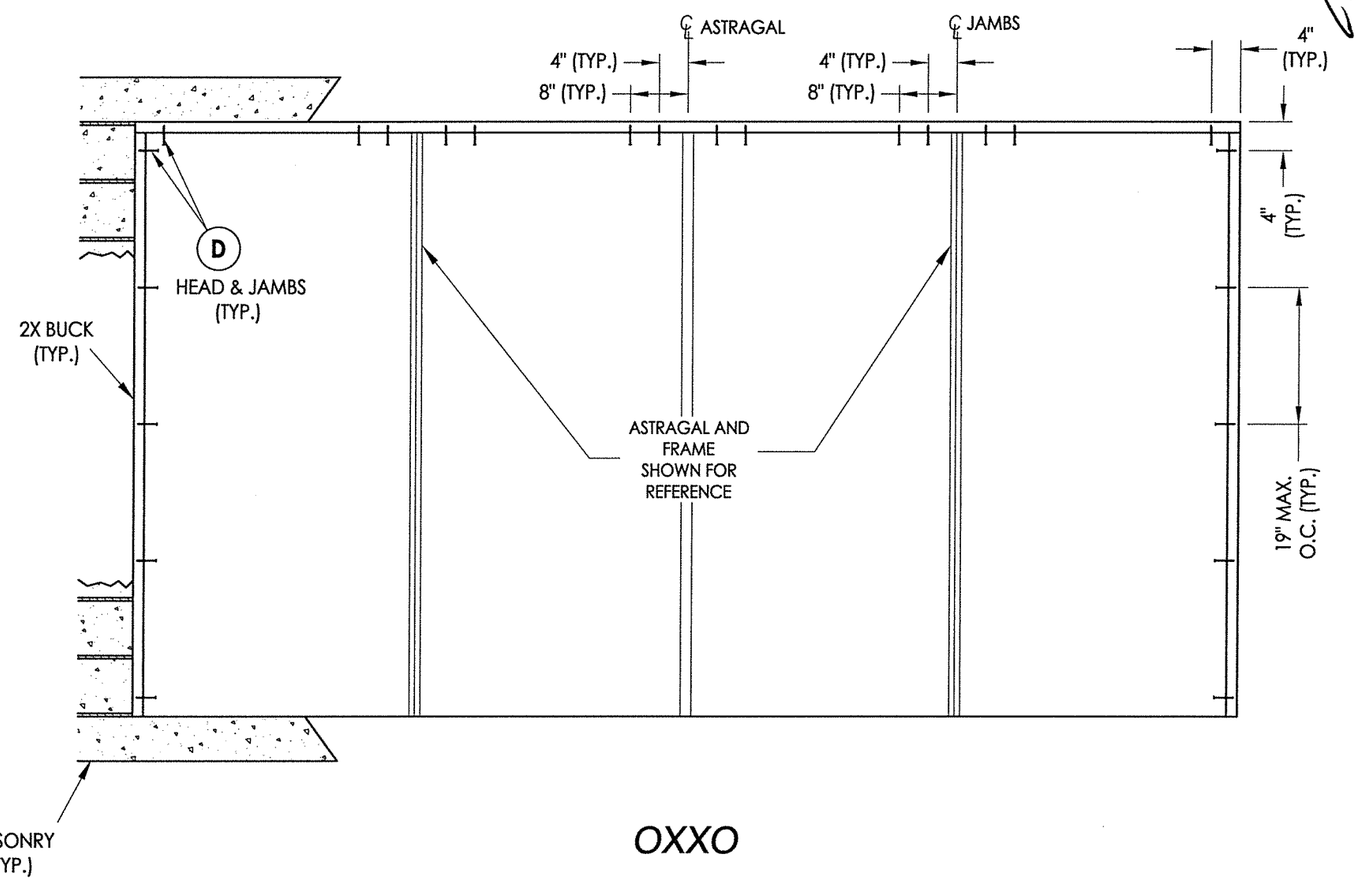


OXXO

# 2X BUCK ANCHORING


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Phone No.: 813.659.9197
FBPE Registry No. 9813

Documents Prepared By:
Lyndon F. Schmidt
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L.F. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

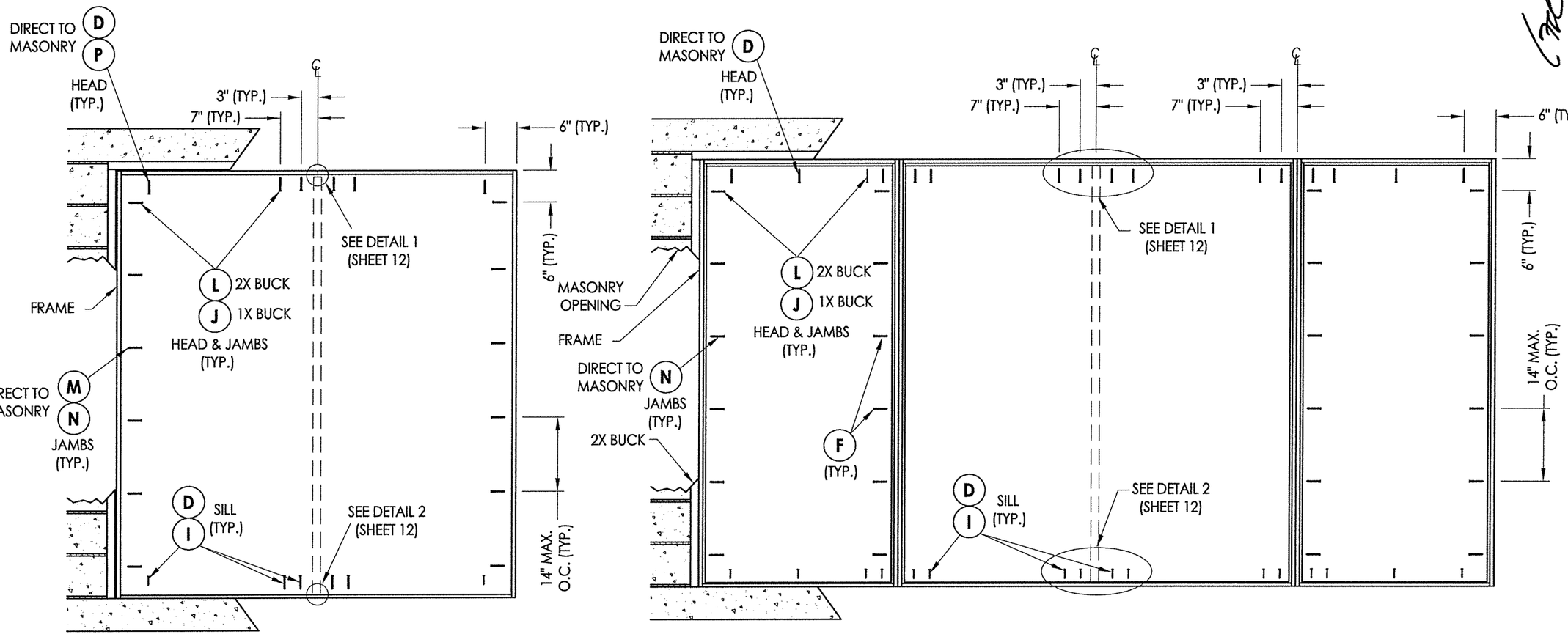
July 21, 2020


PRODUCT: THERMA-TRU STEEL DOOR

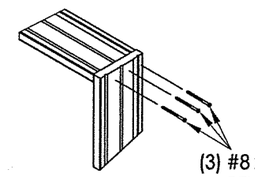
PART OR ASSEMBLY: BUCK ANCHORING

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

DATE: 10/12/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21132.11
SHEET 10 OF 15




XX OXXO




JAMB TO HEAD DETAIL (TYP.)

# FRAME ANCHORING


L. F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER

July 21, 2020

Documents Prepared By:
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FBPE Registry No. 9813


PRODUCT: *THERMA-TRU STEEL DOOR*

PART OR ASSEMBLY: *FRAME ANCHORING*

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

DATE: 10/12/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21132.11
SHEET 11 OF 15

**DETAIL 1**
Coastal Astragal Strike Plate @ Head




**DETAIL 1**
Standard Astragal Strike Plate @ Head




**DETAIL 2**
Inswing
Coastal Astragal Strike Plate @ Sill




**DETAIL 2**
Inswing
Standard Astragal Strike Plate @ Sill




**DETAIL 2**
Outswing
Astragal Bolt Hole @ Sill




**ASTRAGAL**
Latch and Deadbolt




**HINGE JAMB**




**HINGE DETAIL**




**LATCH & DEADBOLT DETAIL**
Schlage / Kwikset




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

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FBPE Registry No. 9813

PRODUCT: THERMA-TRU STEEL DOOR

PART OR ASSEMBLY: HARDWARE DETAILS

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

DATE: 10/12/17
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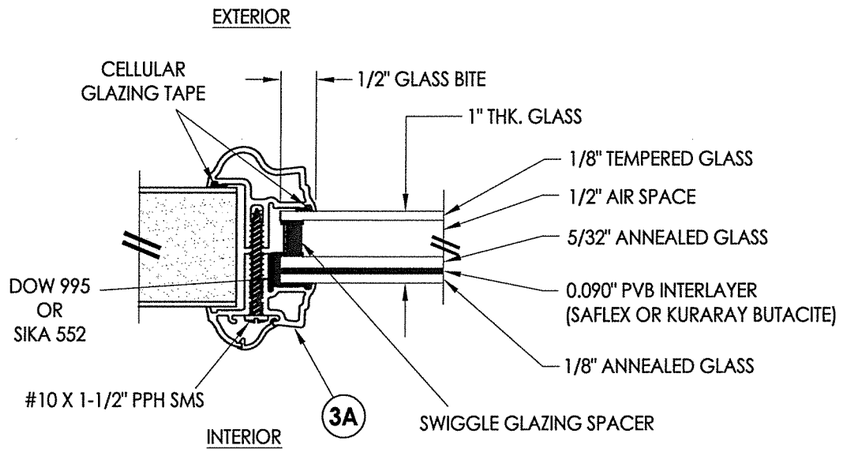
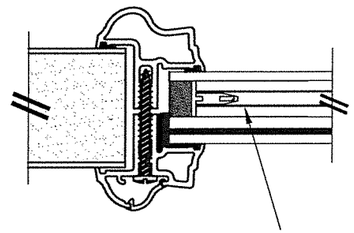
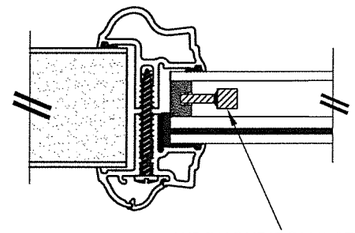
CHK. BY: LFS
DRAWING NO.: FL-21132.11
SHEET 12 OF 15



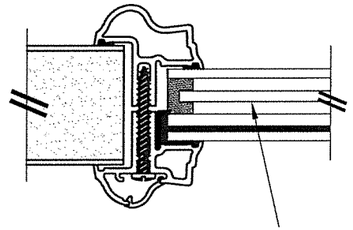

**G1** ***GLAZING DETAIL***
Aluminum Impact Lite Frame
Door Panels & Sidelites



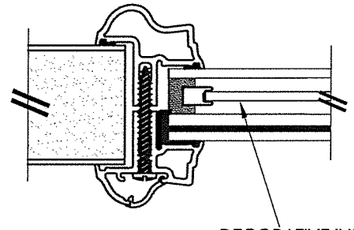
INTERNAL GRID (GBG)



WROUGHT IRON INSERT

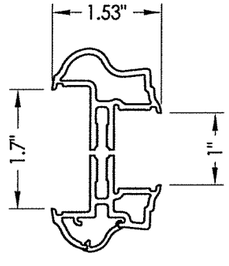


PRIVACY INSERT

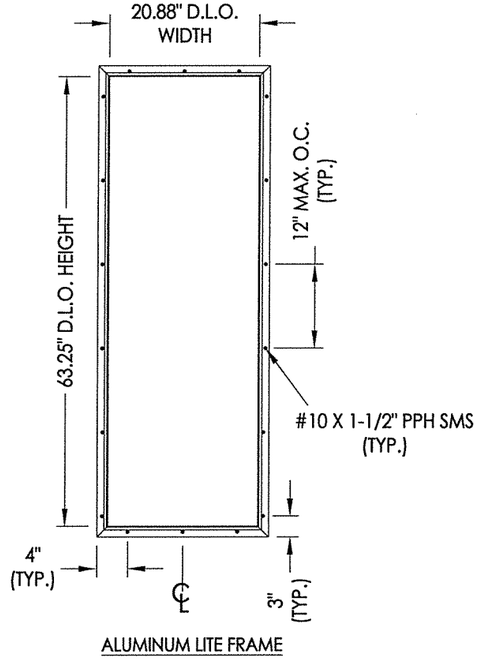


DECORATIVE INSERT

# 1" LAMINATED INSULATED IMPACT GLASS INSERT OPTIONS




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




ALUMINUM LITE FRAME


T. F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER
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: *GLAZING DETAILS*

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

DATE: 10/12/17
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DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21132.11
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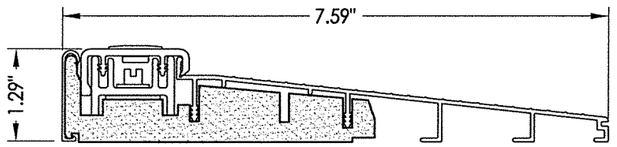
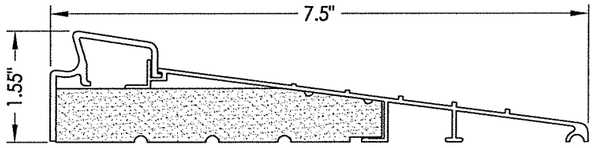
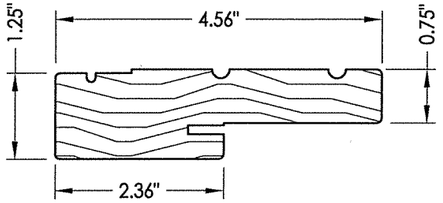


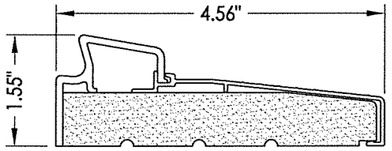

**32** ***INSWING THRESHOLD***
Inswing Basic Composite Adjustable Sill 7-1/2"



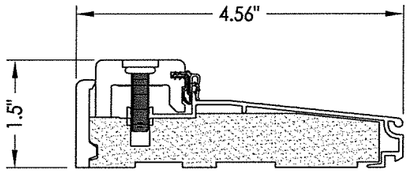

**37** ***INSWING THRESHOLD***
Inswing Basic Fixed 7-1/2" Sill



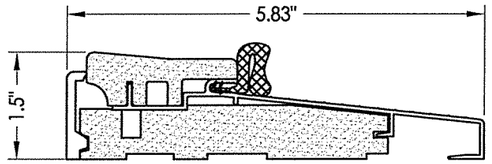

**1** ***WOOD JAMB***



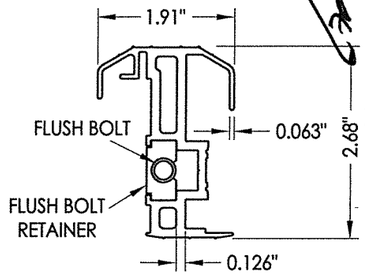

**33** ***INSWING THRESHOLD***
Inswing Basic Fixed Sill



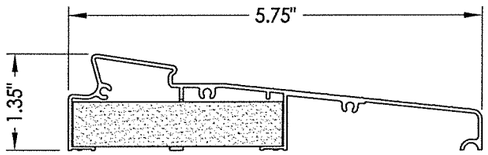

**38** ***INSWING THRESHOLD***
Inswing Composite Adjustable Sill



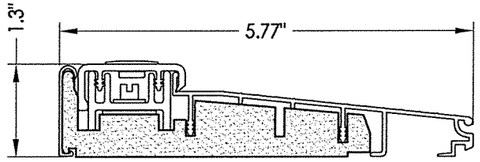

**16** ***OUTSWING THRESHOLD***
Composite Sill



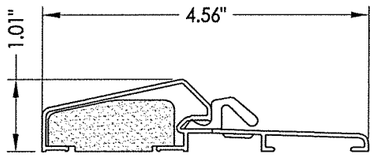

**20** ***COASTAL ALUMINUM ASTRAGAL***



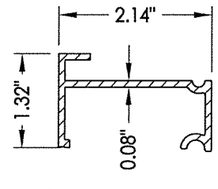

**34** ***INSWING THRESHOLD***
Inswing Moderate Climate Sill 1-3/8"



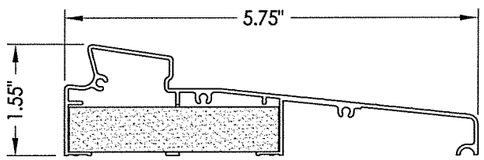

**39** ***INSWING THRESHOLD***
Inswing Basic Composite Adjustable Sill



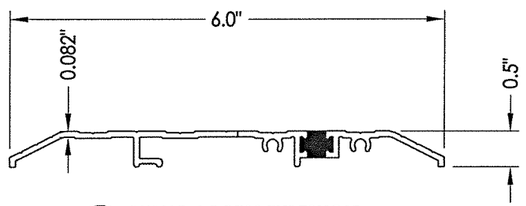

**17** ***OUTSWING THRESHOLD***
Composite / Aluminum Sill



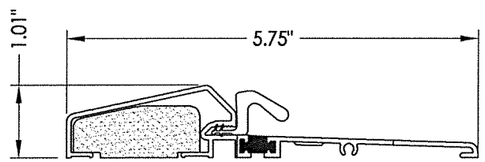

**77** ***SIDELITE SPACER***
Inswing
Moderate Climate Threshold



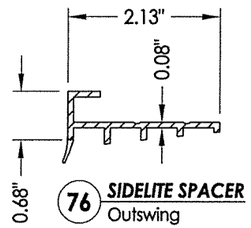

**35** ***INSWING THRESHOLD***
Inswing Moderate Climate Sill



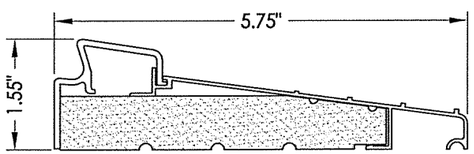

**15** ***PUBLIC ACCESS THRESHOLD***



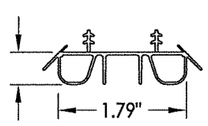

**18** ***OUTSWING THRESHOLD***
Composite / Aluminum Sill
(Thermal Break)



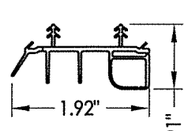

**76** ***SIDELITE SPACER***
Outswing



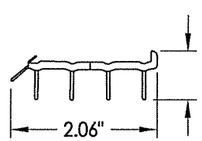

**36** ***INSWING THRESHOLD***
Inswing Basic Fixed 5-3/4" Sill



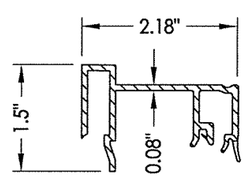

**8** ***SWEEP***




**9** ***SWEEP***




**10** ***SWEEP***




**75** ***SIDELITE SPACER***
Inswing


T. F. SCHMIDT
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STATE OF FLORIDA
PROFESSIONAL ENGINEER
Documents Prepared By:
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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: *COMPONENTS*

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

DATE: 10/12/17
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CHK. BY: LFS
DRAWING NO.: FL-21132.11
SHEET 14 OF 15



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| 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 | 29 | 4" X 4" HINGE | STEEL |
| | | | 32 | INSWING THRESHOLD | ALUM/COMP |
| F | #10 X 2" PFH WOOD SCREW | STEEL | 33 | INSWING THRESHOLD | ALUM/COMP |
| G | 3/16" X 3-1/4" ITW CONCRETE SCREW | STEEL | 34 | INSWING THRESHOLD | ALUM/COMP |
| I | 1/4" X 1-3/4" PFH ELCO OR ITW CONCRETE SCREW | STEEL | 35 | INSWING THRESHOLD | ALUM/COMP |
| J | 1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW | STEEL | 36 | INSWING THRESHOLD | ALUM/COMP |
| L | #10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT) | STEEL | 37 | INSWING THRESHOLD | ALUM/COMP |
| M | 3/16" X 2-1/4" ITW CONCRETE SCREW | STEEL | 38 | INSWING THRESHOLD | ALUM/COMP |
| N | 3/16" X 2-3/4" ITW CONCRETE SCREW | STEEL | 39 | INSWING THRESHOLD | ALUM/COMP |
| P | 1/4" X 2-3/4" PFH ELCO CONCRETE SCREW | STEEL | 40 | DOOR PANEL (BOOK) - "PROFILES" SERIES | - |
| 1 | JAMB (FINGER JOINT PINE ) | WOOD | 41 | DOOR PANEL (HYBRID) - "PROFILES" SERIES | - |
| 6 | WEATHERSTRIP (MEDIUM REACH) | FOAM | 42 | DOOR PANEL (U1) - "PROFILES" SERIES | - |
| 7 | WEATHERSTRIP (LONG REACH) | FOAM | 50 | SIDELITE (FULL LITE) | - |
| 8 | SWEEP | VINYL | 60 | DOOR PANEL (BOOK) - "TRADITIONS" SERIES | - |
| 9 | SWEEP (USE w/ MODERATE CLIMATE THRESHOLD) | VINYL | 61 | DOOR PANEL (HYBRID) - "TRADITIONS" SERIES | - |
| 10 | SWEEP (USE w/ PUBLIC ACCESS THRESHOLD) | VINYL | 62 | DOOR PANEL (U1) - "TRADITIONS" SERIES | - |
| 11 | #10 X 1-3/4" PFH WOOD SCREW | STEEL | 75 | SIDELITE SPACER (INSWING) | PVC |
| 15 | PUBLIC ACCESS THRESHOLD | ALUM | 76 | SIDELITE SPACER (OUTSWING) | PVC |
| 16 | OUTSWING THRESHOLD | ALUM/COMP | 77 | SIDELITE SPACER (INSWING) - MODERATE CLIMATE SILL | PVC |
| 17 | OUTSWING THRESHOLD | ALUM/COMP | 80 | COASTAL ASTRAGAL STRIKE PLATE | STEEL |
| 18 | OUTSWING THRESHOLD | ALUM/COMP | | | |
| 19 | STANDARD ALUMINUM ASTRAGAL | ALUM | | | |
| 20 | COASTAL ALUMINUM ASTRAGAL | ALUM | | | |
| 23 | #10 x 3/4" PFH WOOD SCREW | STEEL | | | |
| 24 | #10 x 1" PFH WOOD SCREW | STEEL | | | |

*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.*

T. F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER

July 21, 2020

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FBPE Registry No. 9813

PRODUCT: THERMA-TRU STEEL DOOR

PART OR ASSEMBLY: BILL OF MATERIALS

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

DATE: 10/12/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21132.11
SHEET 15 OF 15



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