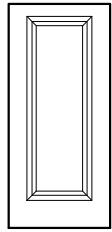
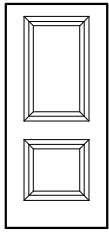




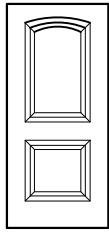
STEVES AND SONS
203 Humble Ave.
San Antonio, TX 78225



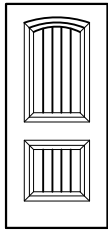
1 PANEL



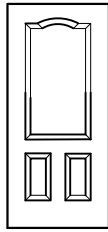
2 PANEL



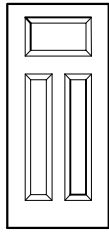
2 PANEL
ROUNTOP



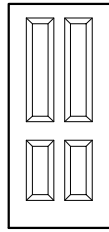
2 PANEL
ROUNTOP
PLANK



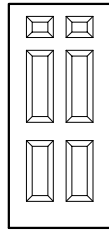
3 PANEL



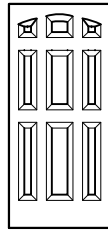
3 PANEL
CRAFTSMAN



4 PANEL
TRUE



6 PANEL

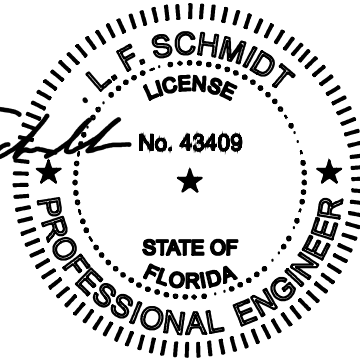


9 PANEL

OPAQUE STEEL DOOR SINGLE

INSWING/OUTSWING "IMPACT"

ELEMENT COLLECTION

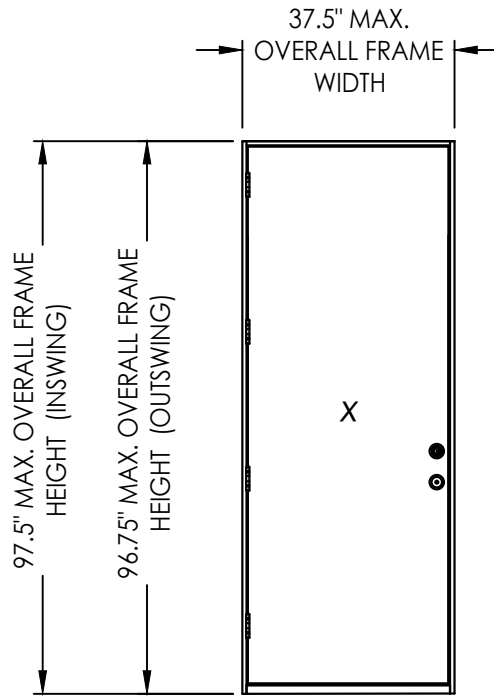


GENERAL NOTES

- This product anchoring drawing has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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 excludes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS

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



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	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 97.5"	+70.0	-75.0	+70.0	-70.0

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

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

PRODUCT: STEVES & SONS
STEEL DOOR

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

NO.	DATE	BY	REVISIONS

DATE: 1/27/25

SCALE: N.T.S.

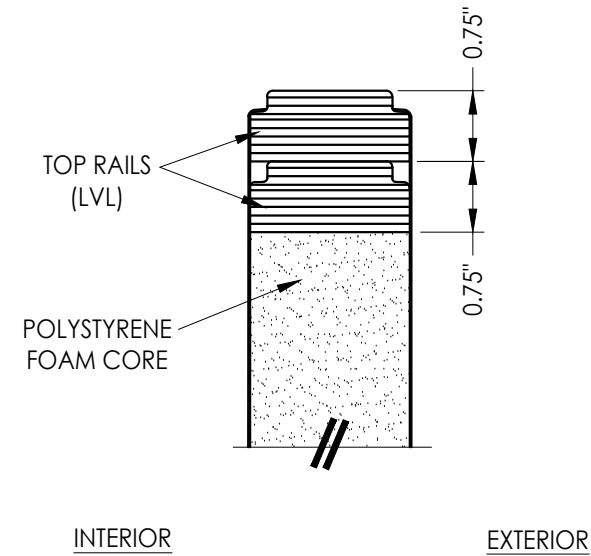
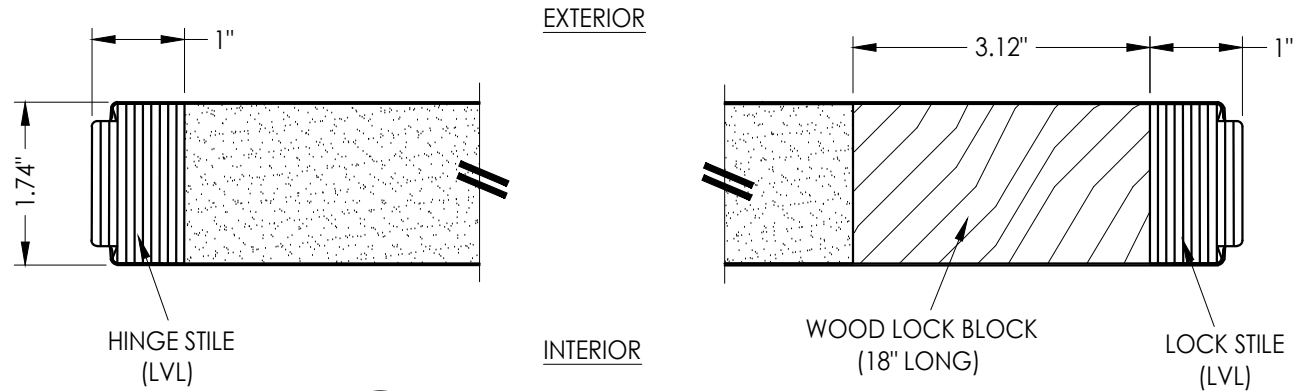
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CHK. BY: LFS

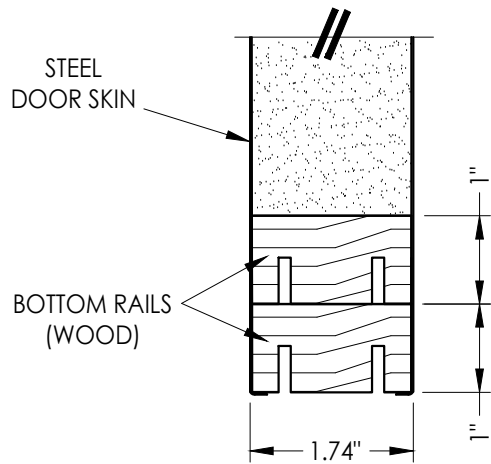
DRAWING NO.:
FL-41471.4

SHEET 1 OF 8

1 **HORIZONTAL CROSS SECTION**
2



2 VERTICAL CROSS SECTION



HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	LATCH:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	LATCH:	F51
	DEADBOLT:	B60N

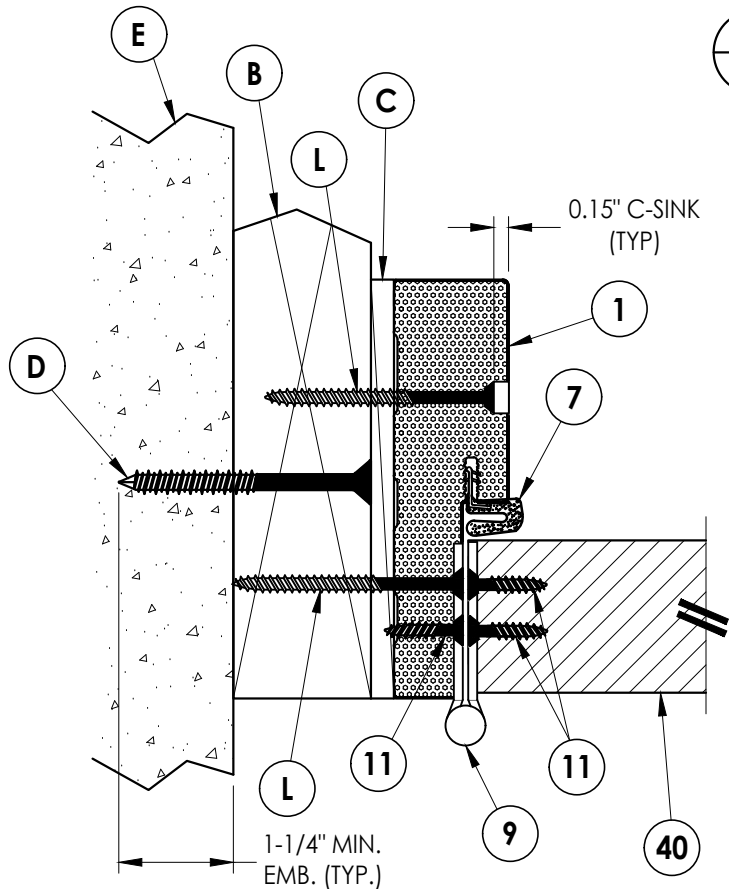
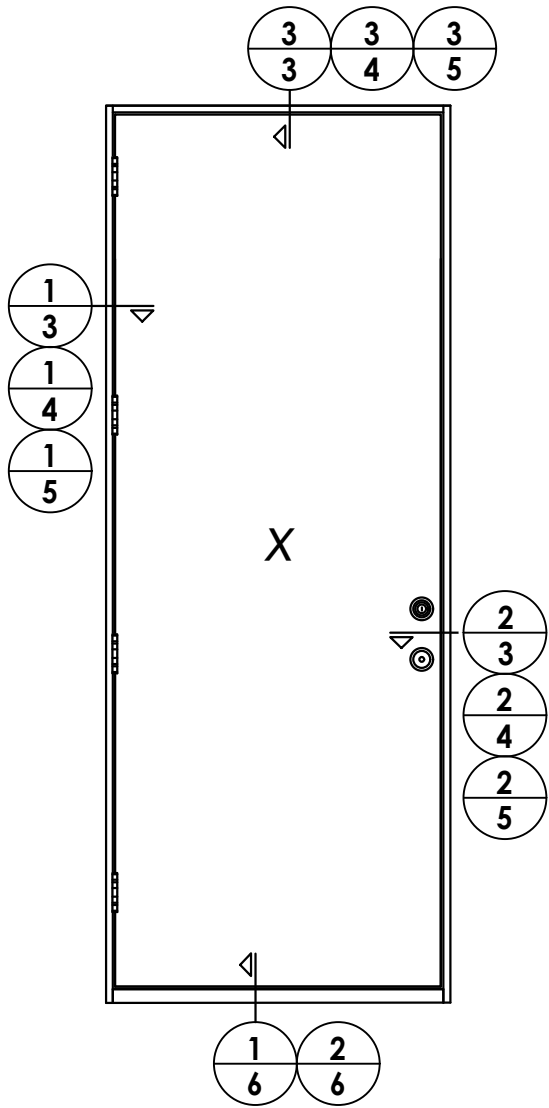
STEEL DOOR SKIN: MIN. 0.020" THK.
CORE MATERIAL: POLYSTYRENE FOAM

[illegible]

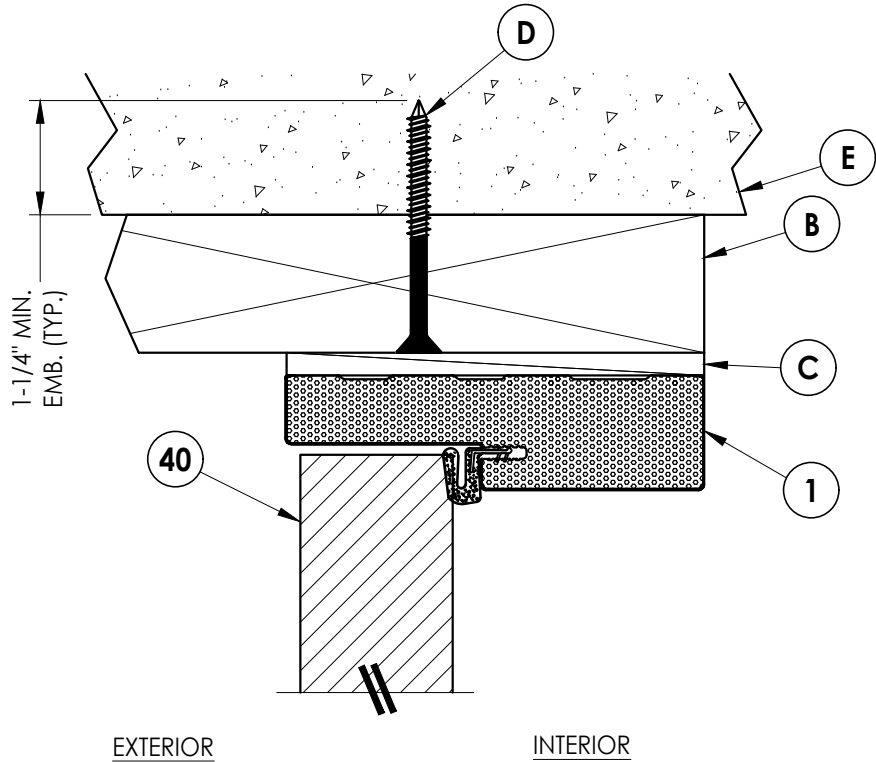
Documents Prepared By:
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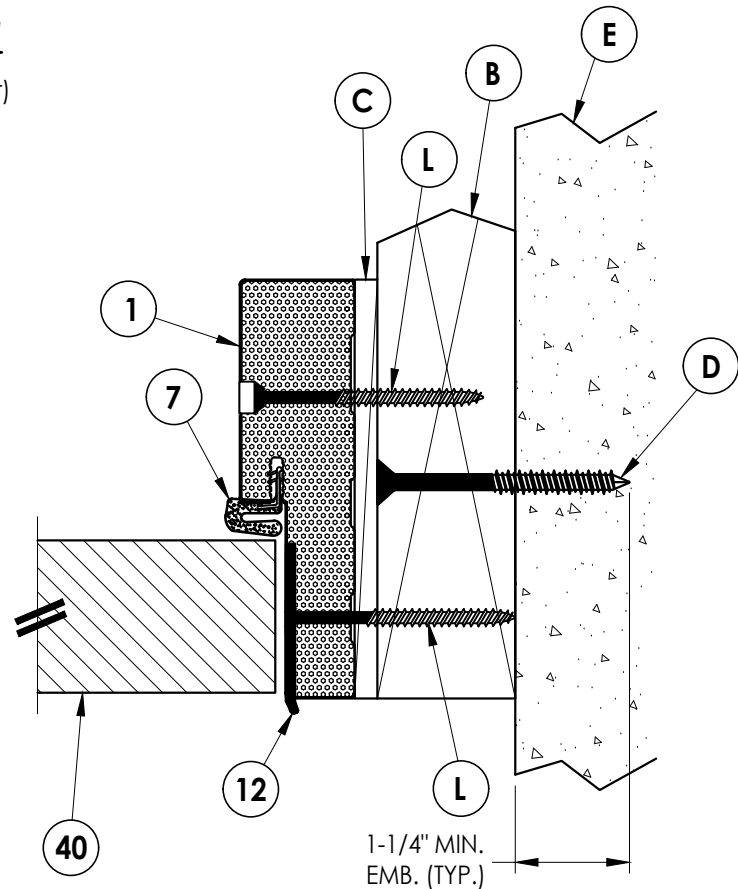
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1
3 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing Shown (Inswing Similar)



3
3 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Outswing Shown (Inswing Similar)



2
3 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Outswing Shown (Inswing Similar)

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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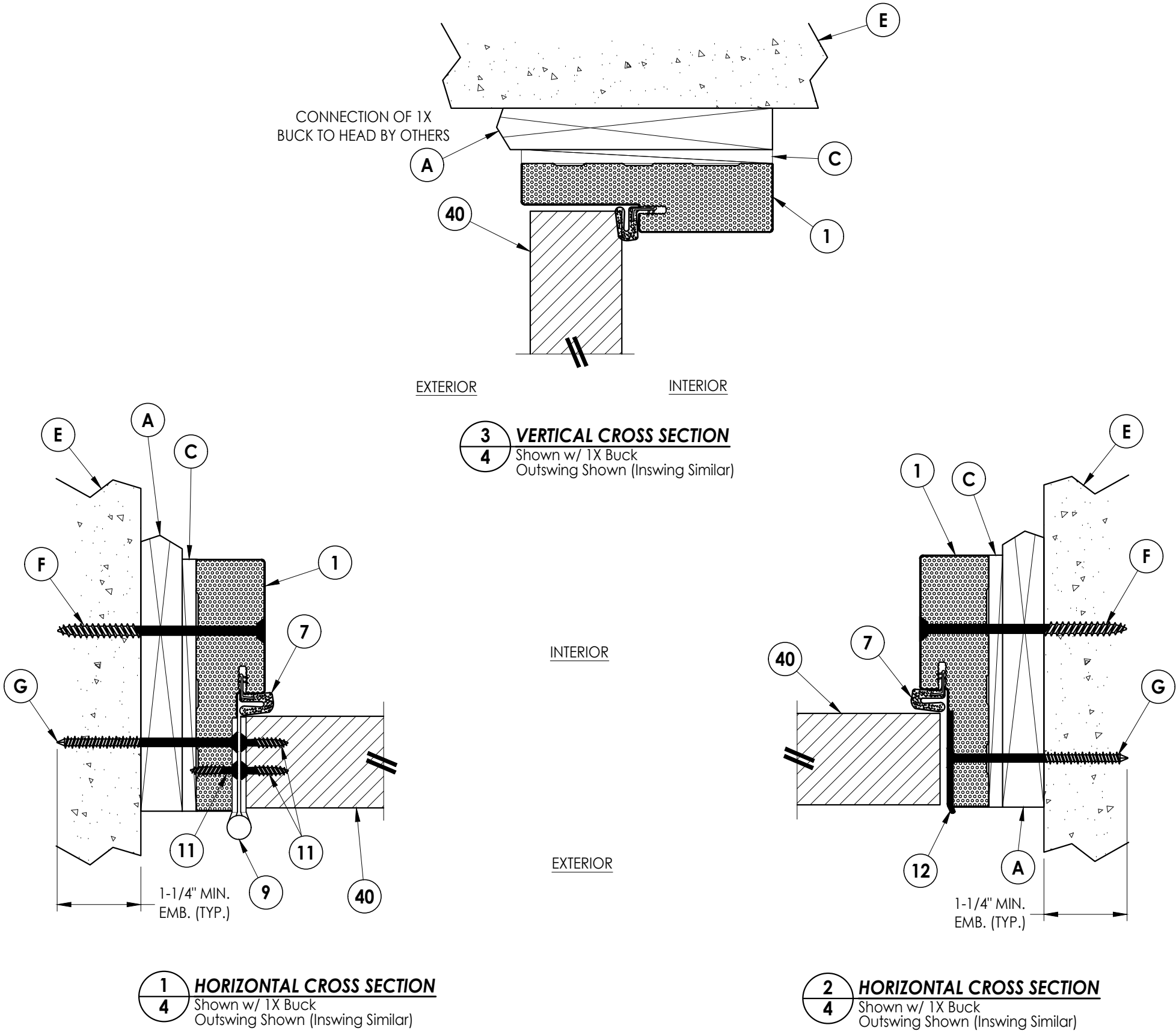
PRODUCT: STEVES & SONS
STEEL DOOR

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

DATE: 1/27/25
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41471.4
SHEET 3 OF 8

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Z:\2023 FBC Drawings\Steves & Sons\FL-41471 R3\FL-41471 4.dwg



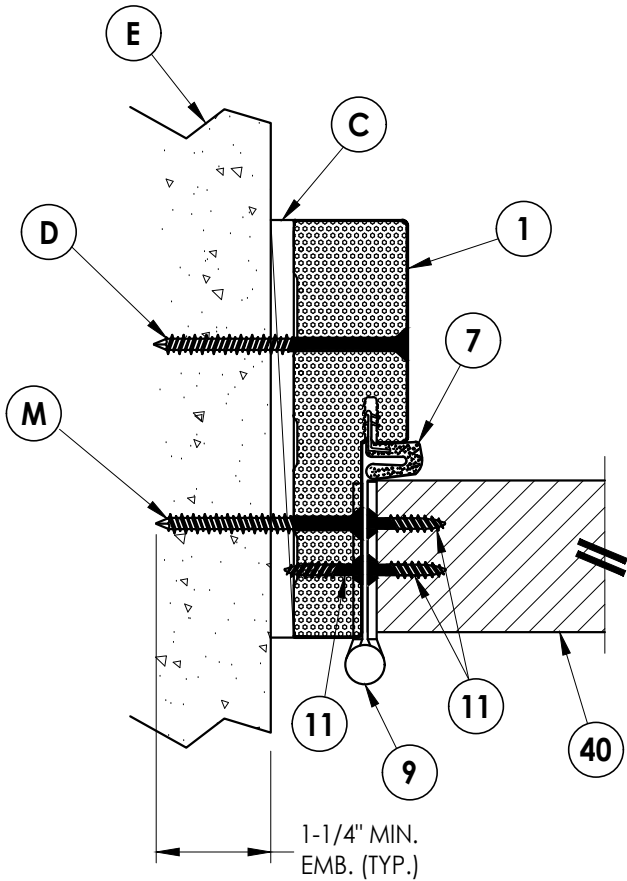
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DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41471.4
SHEET 4 OF 8

PRODUCT: STEVES & SONS
STEEL DOOR
PART OR ASSEMBLY: HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

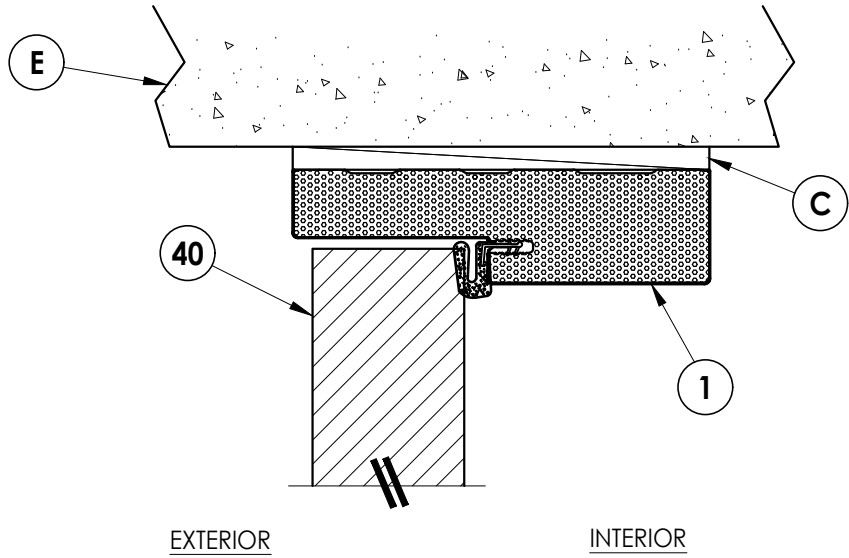
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

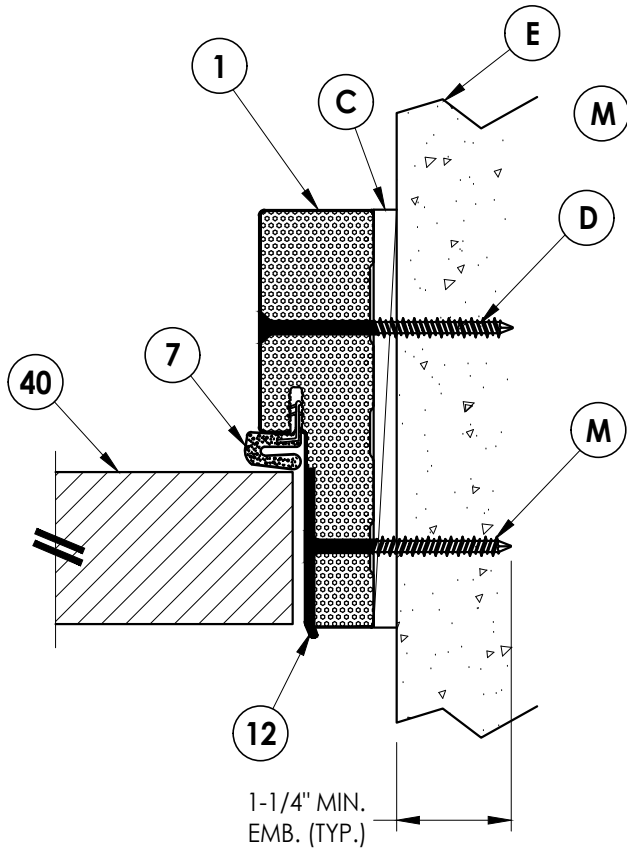
Z:\2023 FBC Drawings\Steves & Sons\FL-41471 R3\FL-41471 4.dwg



1
5 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing Shown (Inswing Similar)



3
5 **VERTICAL CROSS SECTION**
Shown Direct to Masonry
Outswing Shown (Inswing Similar)

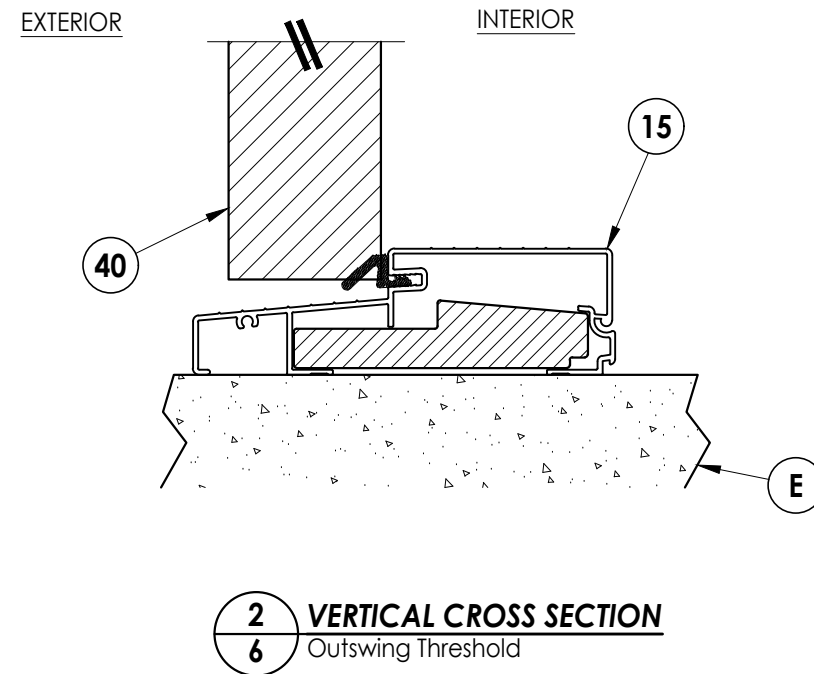
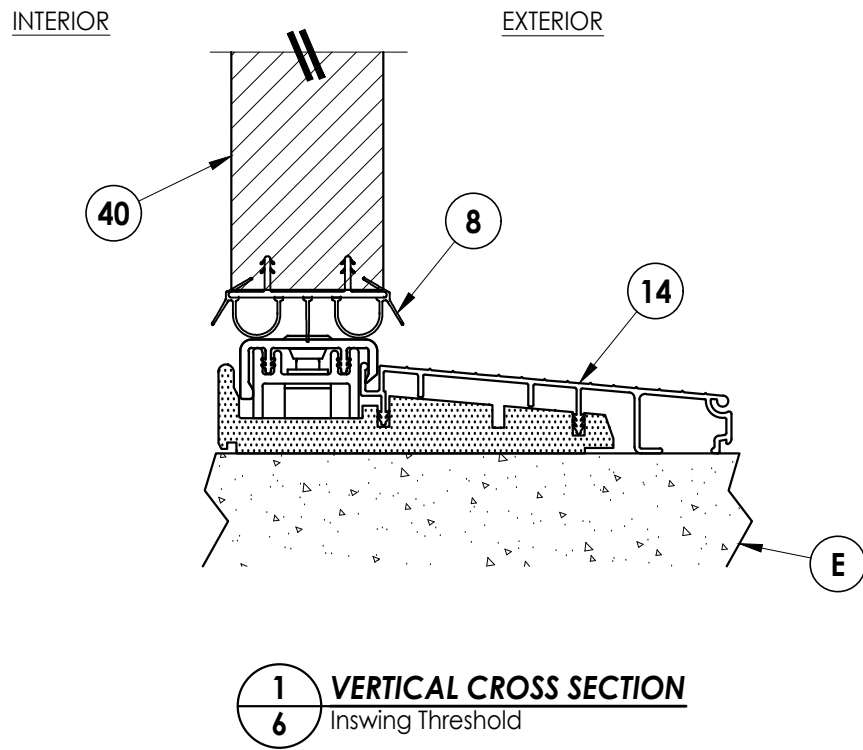


2
5 **HORIZONTAL CROSS SECTION**
Shown Direct to Masonry
Outswing Shown (Inswing Similar)

DATE: 1/27/25
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-41471.4
SHEET 5 OF 8

PRODUCT: STEVES & SONS
STEEL DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

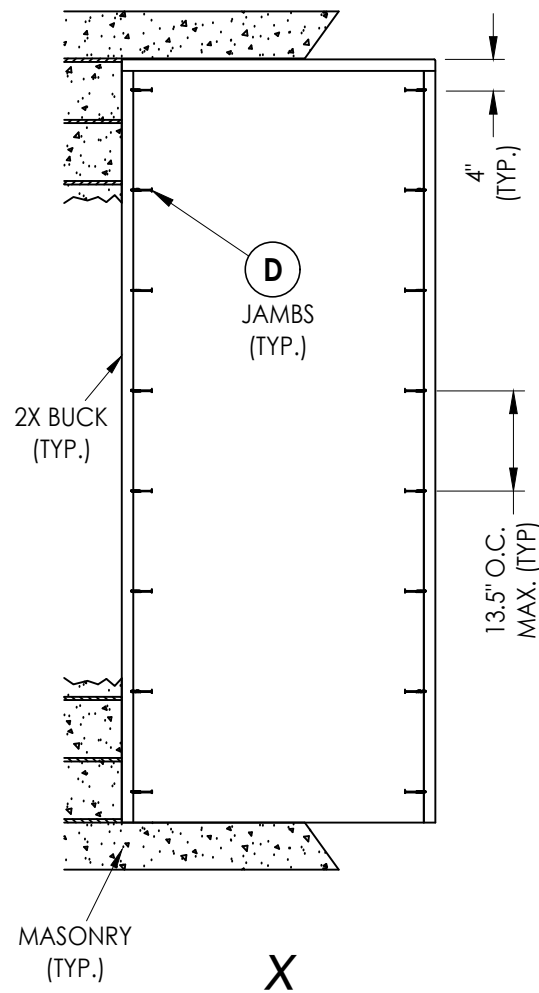
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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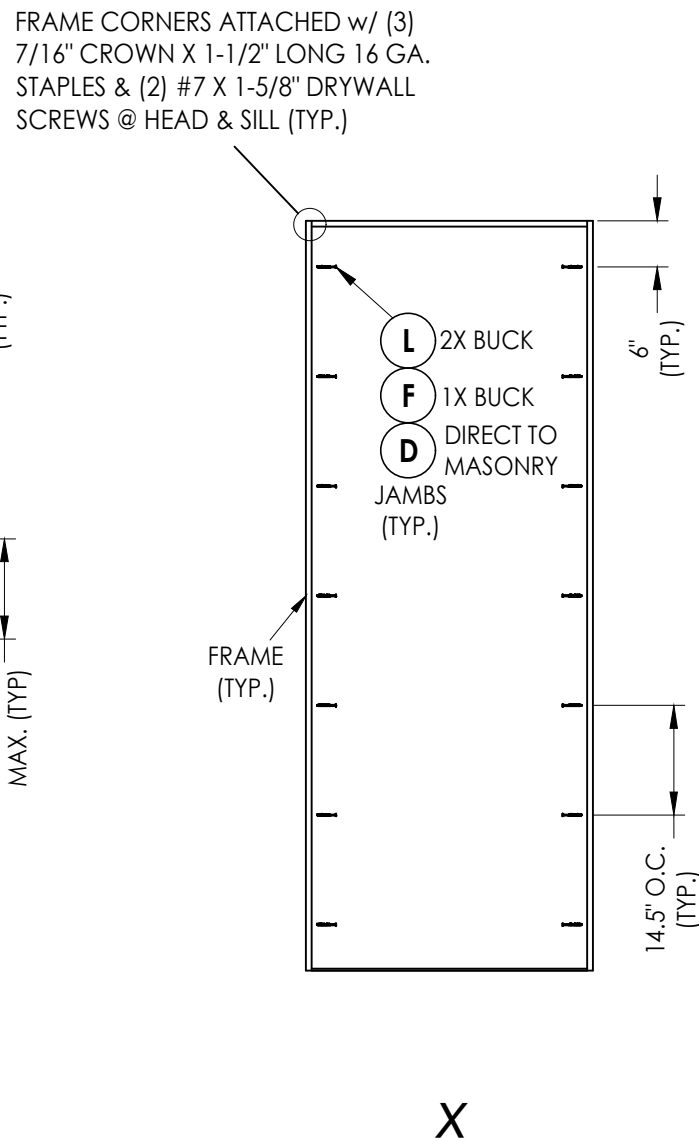
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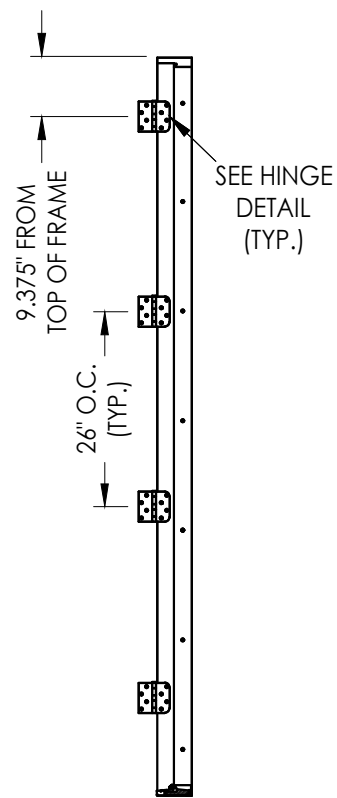
2X BUCK ANCHORING



FRAME ANCHORING

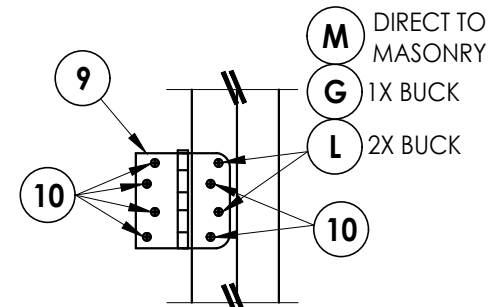


HINGE JAMB



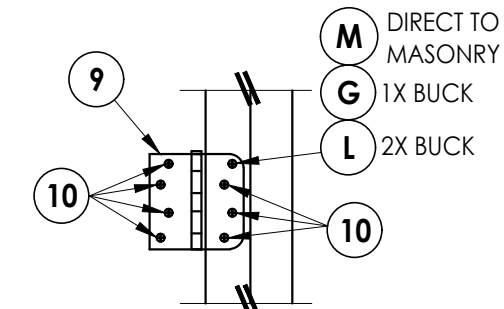
HINGE DETAIL

INSWING



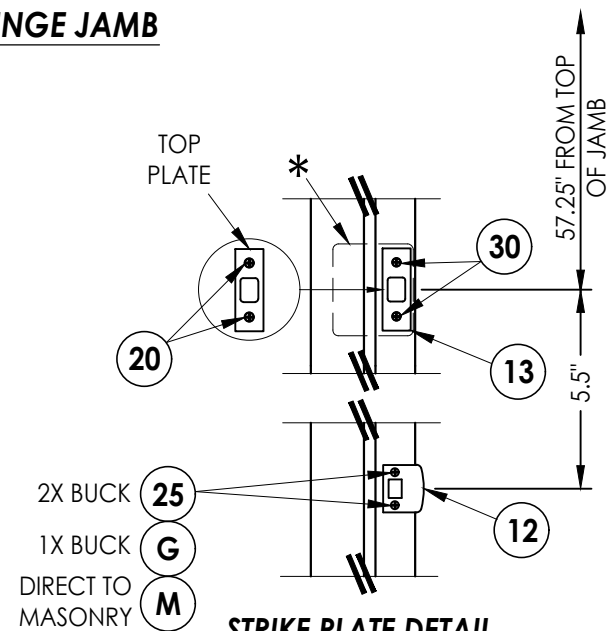
HINGE DETAIL

OUTSWING



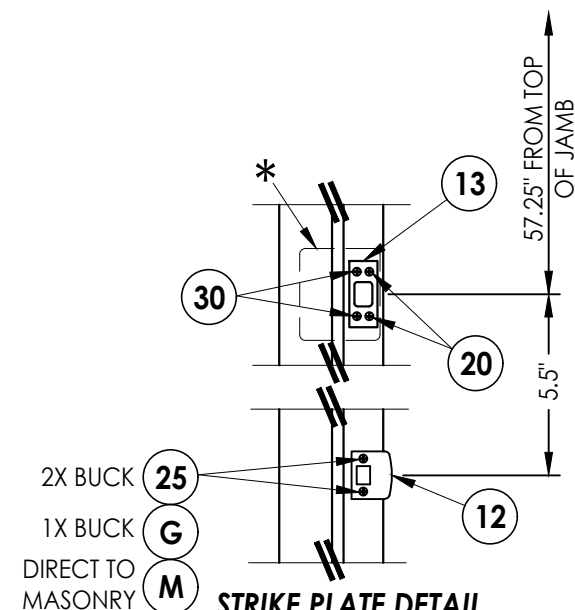
STRIKE PLATE DETAIL

SCHLAGE LOCKSET



STRIKE PLATE DETAIL

KWIKSET LOCKSET

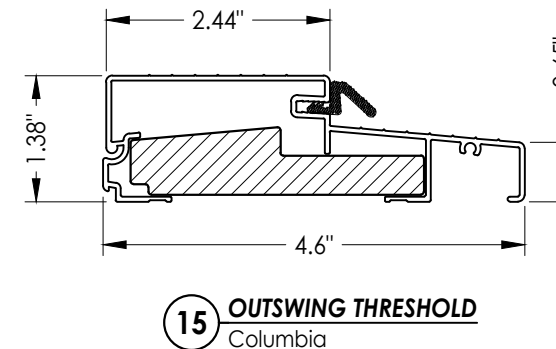


*3.5" X 4" 20 GA. STEEL PLATE ATTACHED TO BACK OF JAMB
w/ (4) 1" CROWN X 5/8" LONG 16 GA. STAPLES

HARDWARE DETAILS

[illegible]

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	COMPOSITE J JAMB	WOOD
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	4" X 4" HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	ALUM/COMP
15	OUTSWING THRESHOLD	ALUM/COMP
20	#8 X 1/2" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL	-



ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"