

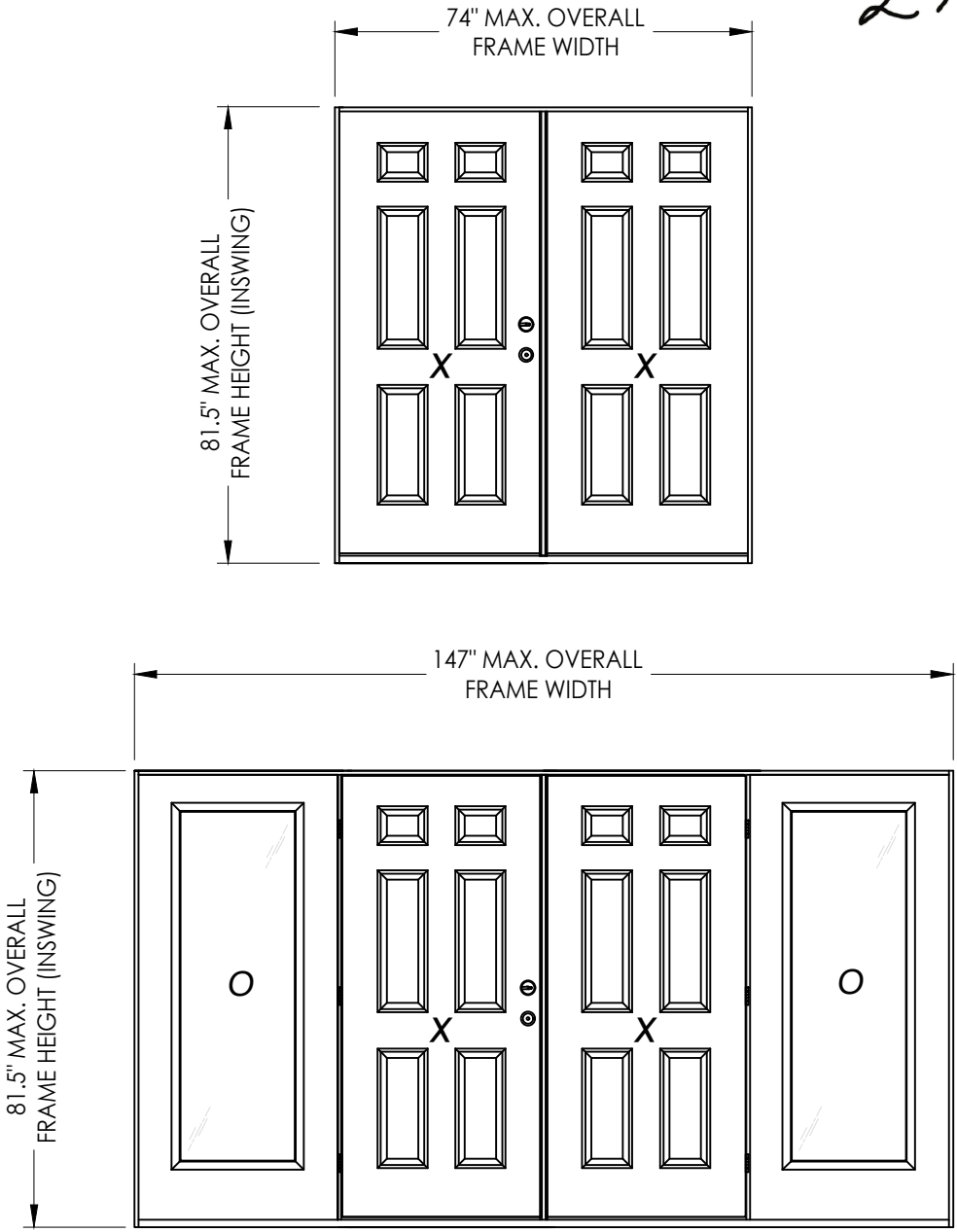


OPAQUE STEEL ENTRY DOOR
DOUBLES w/ or w/out SIDELITES
INSWING
"NON-IMPACT"

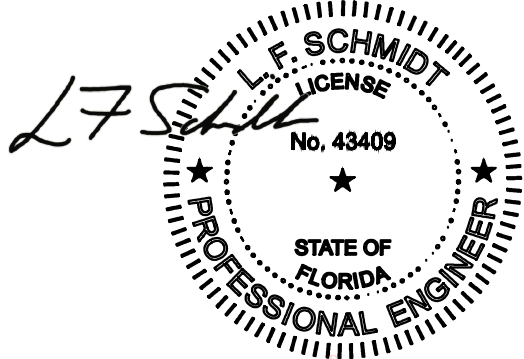
GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- 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.

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



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
XX	74.0" x 81.5"	+50.0	-55.0
OXXO	147.0" x 81.5"	+30.0	-40.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.02 10:18:05 -04'00'

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

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

DOORSCAPES
STEEL DOOR

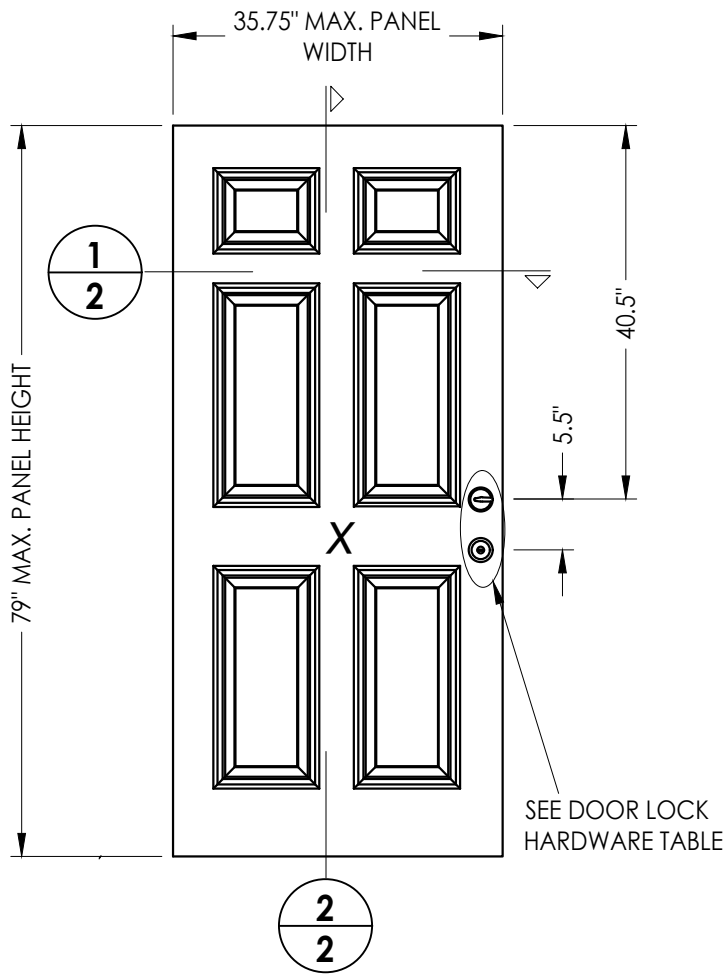
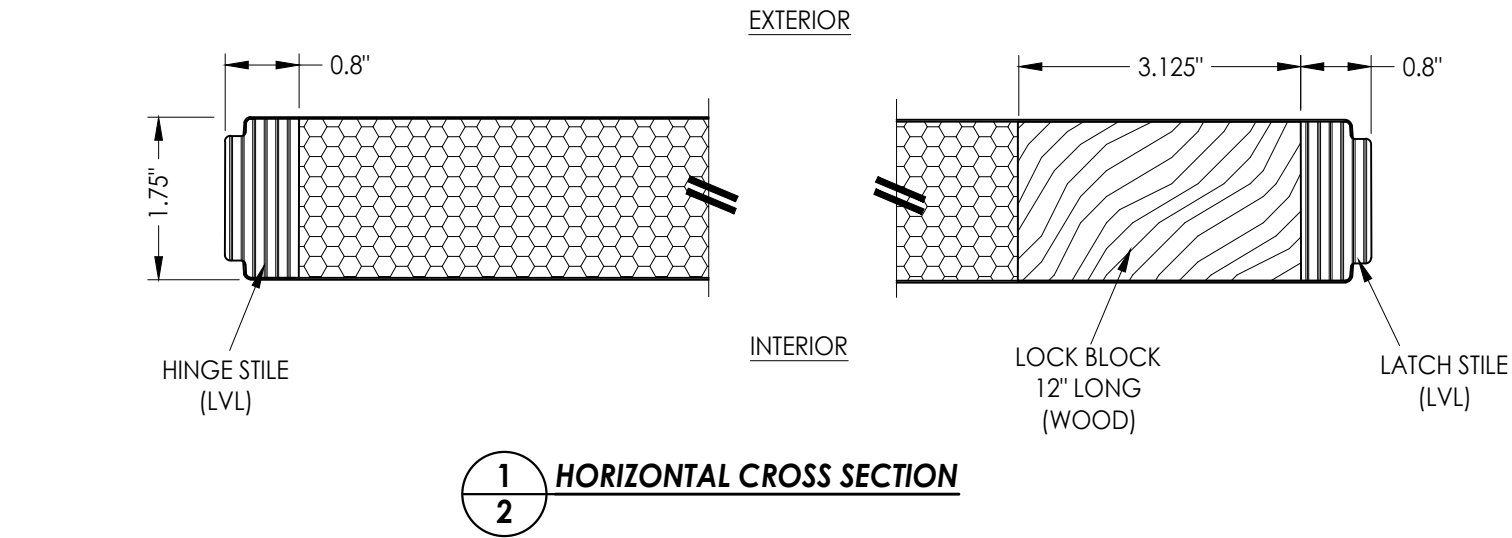
DATE: 1/21/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.: FL-28832.2
SHEET 1 OF 13

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

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

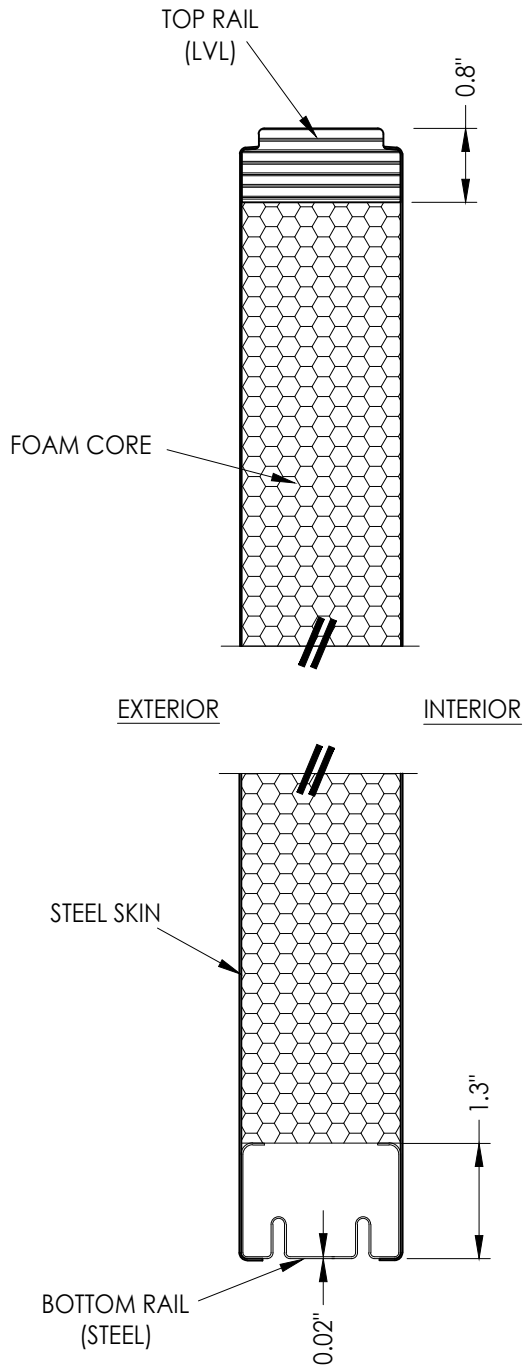
REVISIONS

G:\DOORSCAPES\FL-28832 R4 Steel Door\FL28832.1-2.dwg



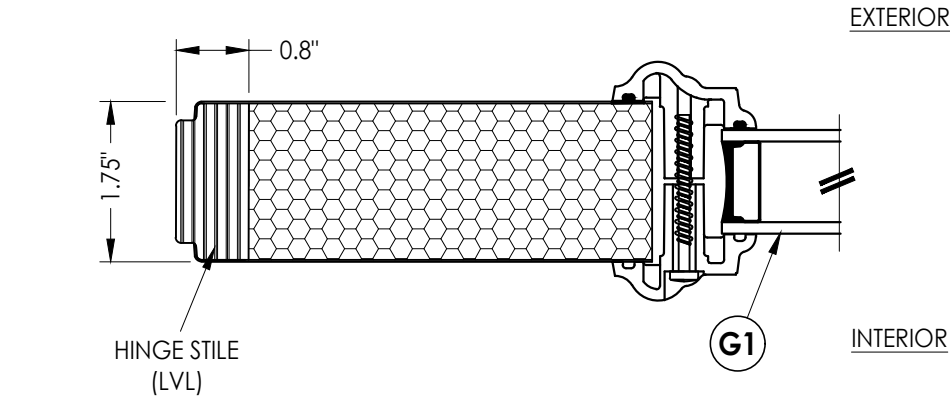
STEEL SKIN: 0.020" MIN. THK.
FOAM CORE: POLYSTYRENE - 2 PCF MIN.

HARDWARE TABLE		
MANUFACTURER	MODEL	
YALE	KNOB:	YE SERIES (10)
	DEADBOLT:	YE SERIES (82E)

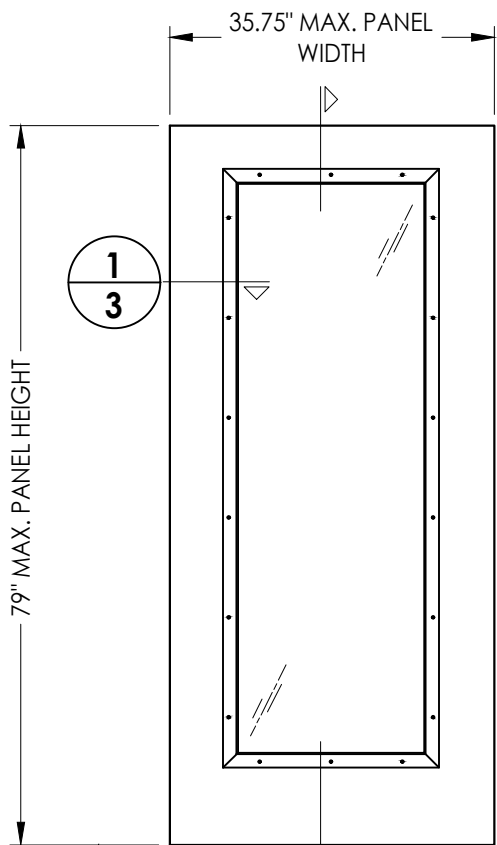


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: DOORSCAPES STEEL DOOR		PART OR ASSEMBLY: DOOR PANEL & GLAZING DETAILS	
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
2	8/01/23	UPDATE TO 8TH ED. (2023)	FBC LFS
1	8/06/20	UPDATE TO 7TH ED. (2020)	FBC LFS
NO.	DATE	REVISIONS	
DATE: 1/21/19			
SCALE: N.T.S.			
DWG. BY: MT			
CHK. BY: LFS			
DRAWING NO.: FL-28832.2			
SHEET 2 OF 13			

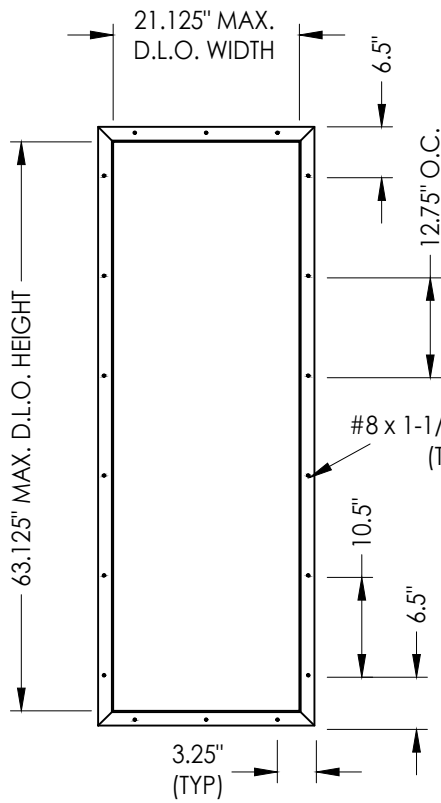
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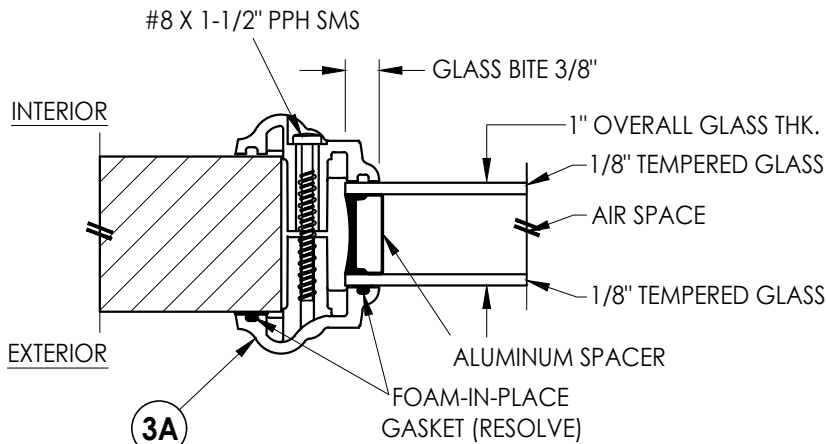
1
3 HORIZONTAL CROSS SECTION



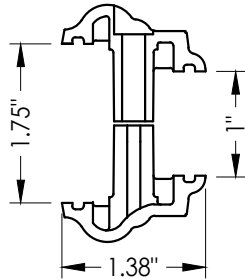
2
3
50 SIDELITE PANEL
Doorscapes



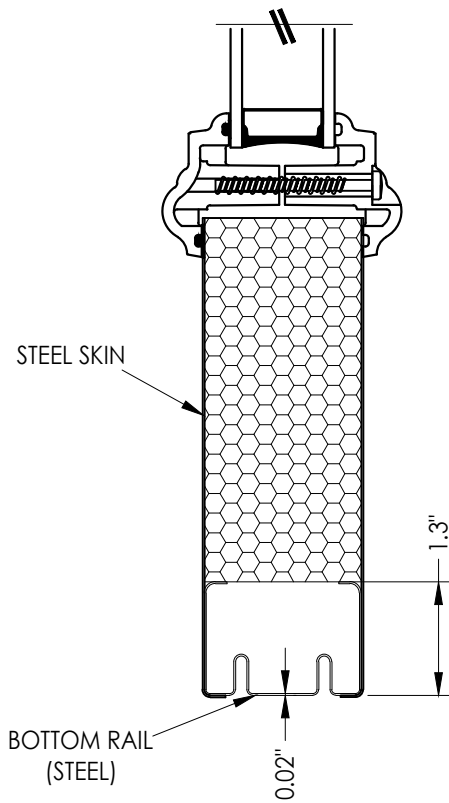
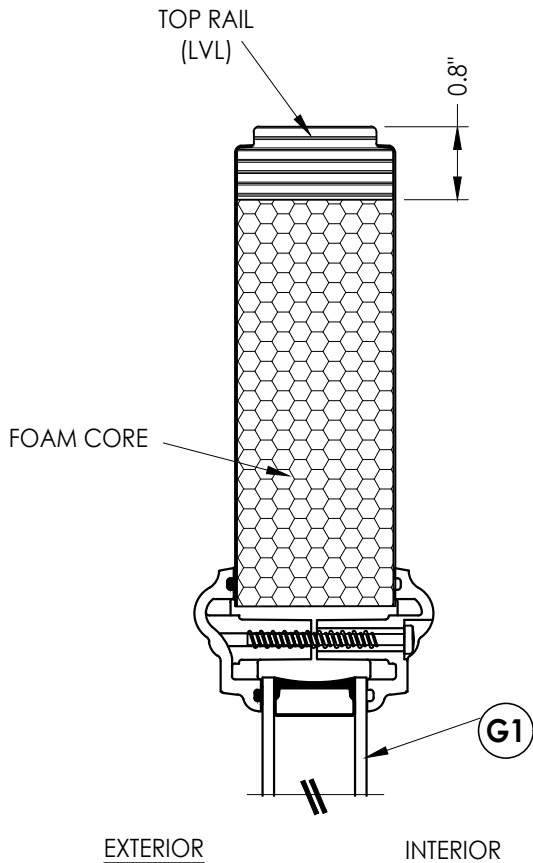
ODL LITE FRAME



G1 GLAZING DETAIL
ODL LITE FRAME



3A OD LITE FRAME
HP Polypropylene



2
3 VERTICAL CROSS SECTION

STEEL SKIN: 0.020" MIN. THK.
FOAM CORE: POLYSTYRENE - 2 PCF MIN.

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

RW

PRODUCT:	DOORSCAPES STEEL DOOR		
	PART OR ASSEMBLY: DOOR PANEL & GLAZING DETAILS		

3	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
2	8/01/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
1	8/06/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
NO.	DATE				BY
					REVISIONS

DATE: 1/21/19

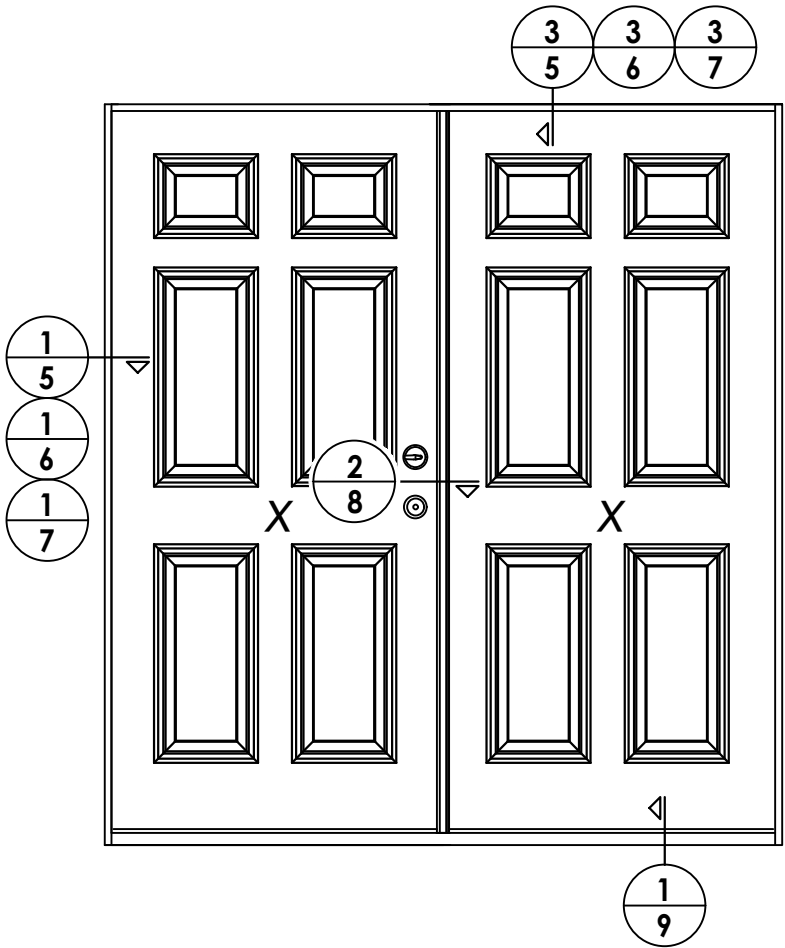
SCALE: N.T.S.

DWG. BY: MT

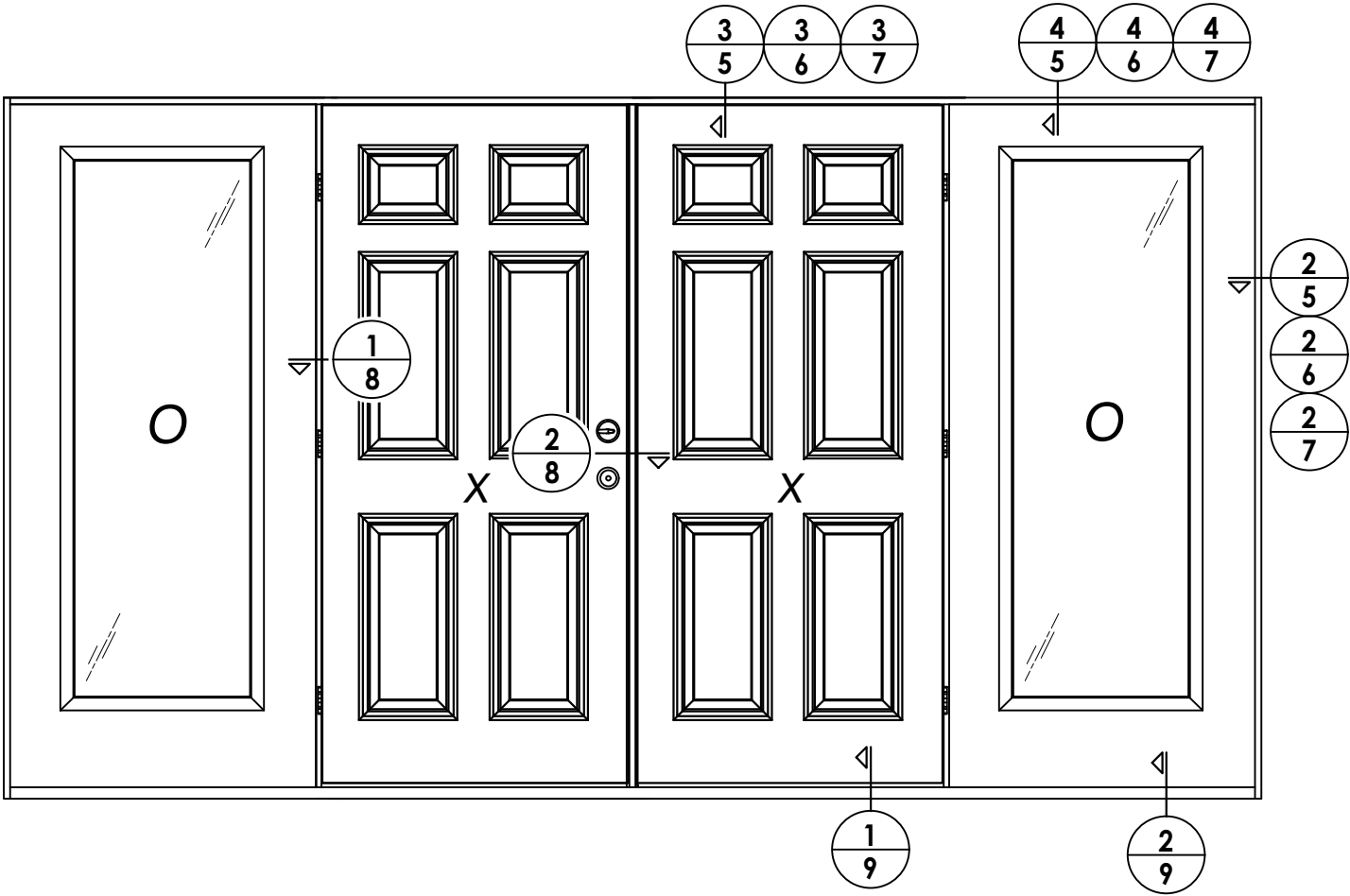
CHK. BY: LFS

DRAWING NO.: FL-28832.2

SHEET 3 OF 13



ELEVATION
XX



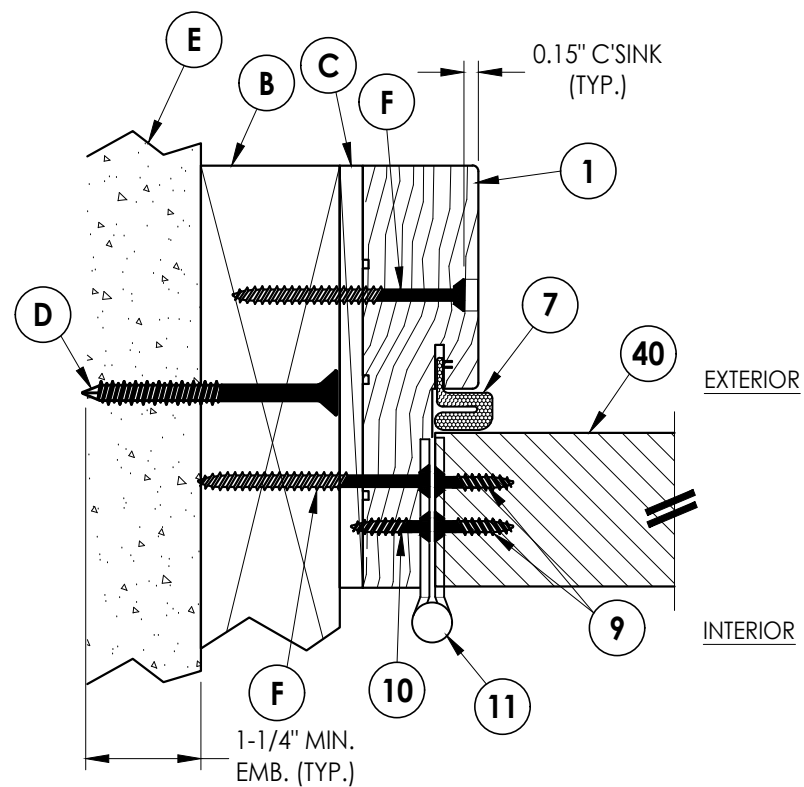
ELEVATION
OXO

DATE: 1/21/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.: FL-28832.2
SHEET 4 OF 13

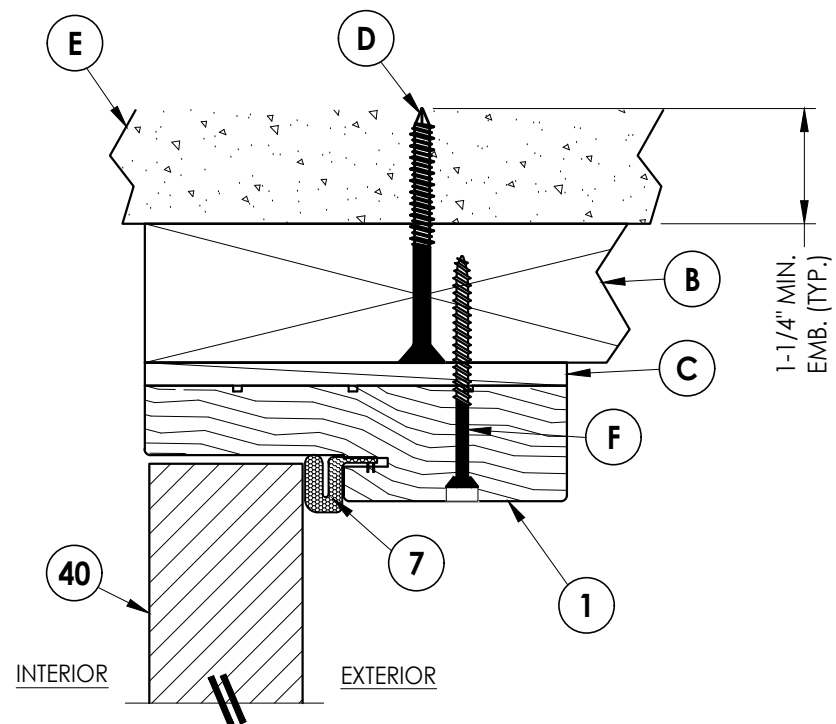
NO.	DATE	REVISIONS
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2	8/01/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC LFS

PRODUCT:	DOORSCAPES STEEL DOOR
PART OR ASSEMBLY:	ELEVATIONS

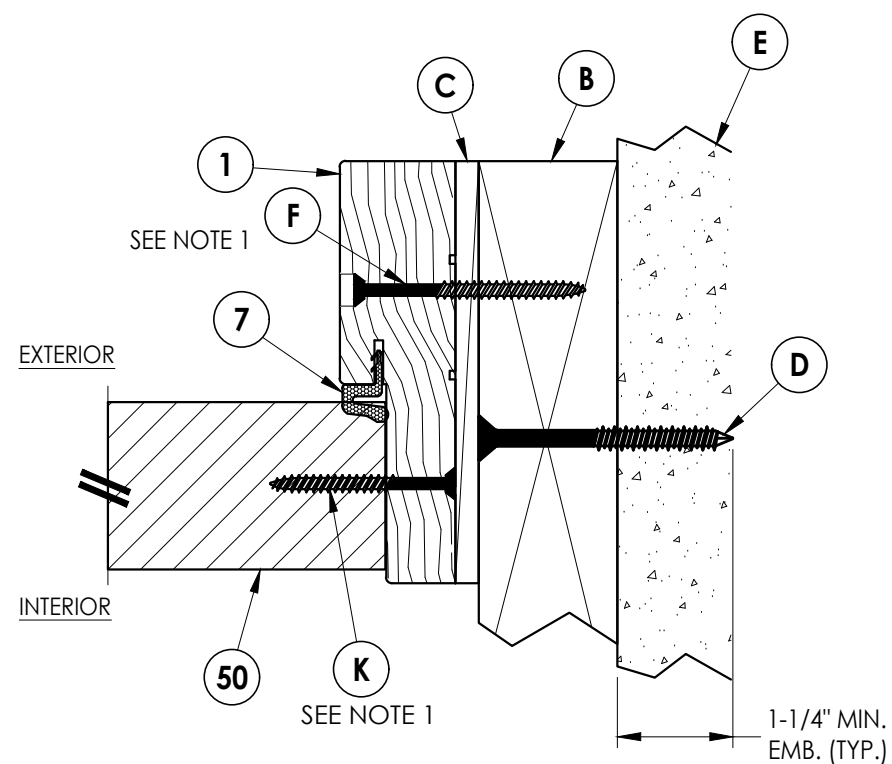
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



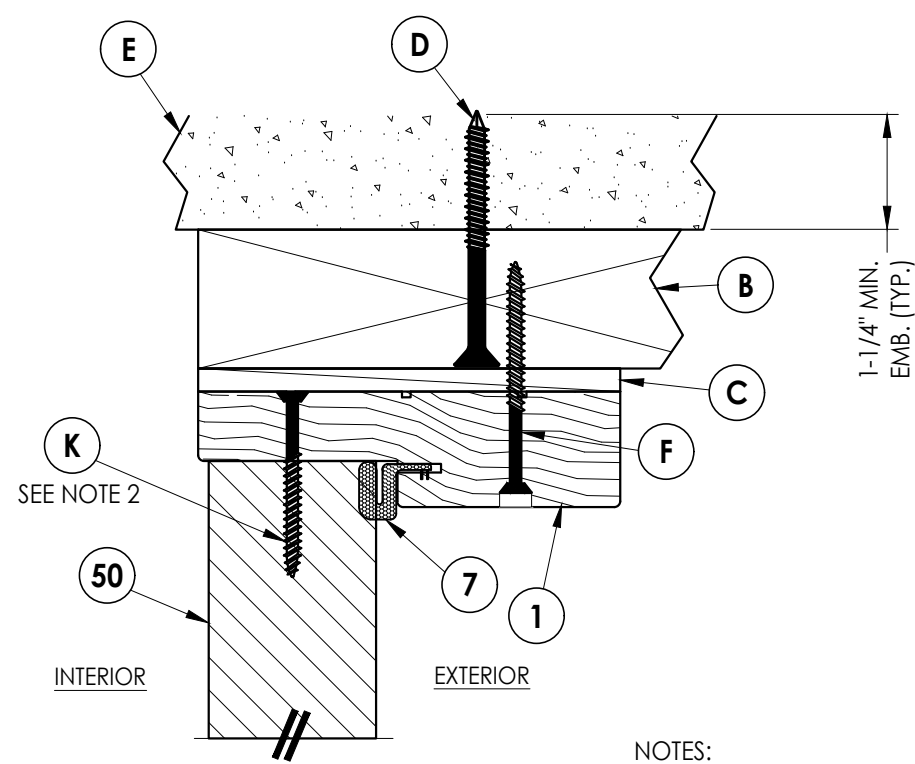
1 **HORIZONTAL CROSS SECTION**
5 Inswing
2X Buck Construction



3 **VERTICAL CROSS SECTION**
5 Inswing
2X Buck Construction



2 **HORIZONTAL CROSS SECTION**
5 Inswing
2X Buck Construction



4 VERTICAL CROSS SECTION
5 Inswing
 2X Buck Construction

NOTES:

1. Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
2. Sidelite attached @ 3" from each end (2 screws total @ head).

[illegible]

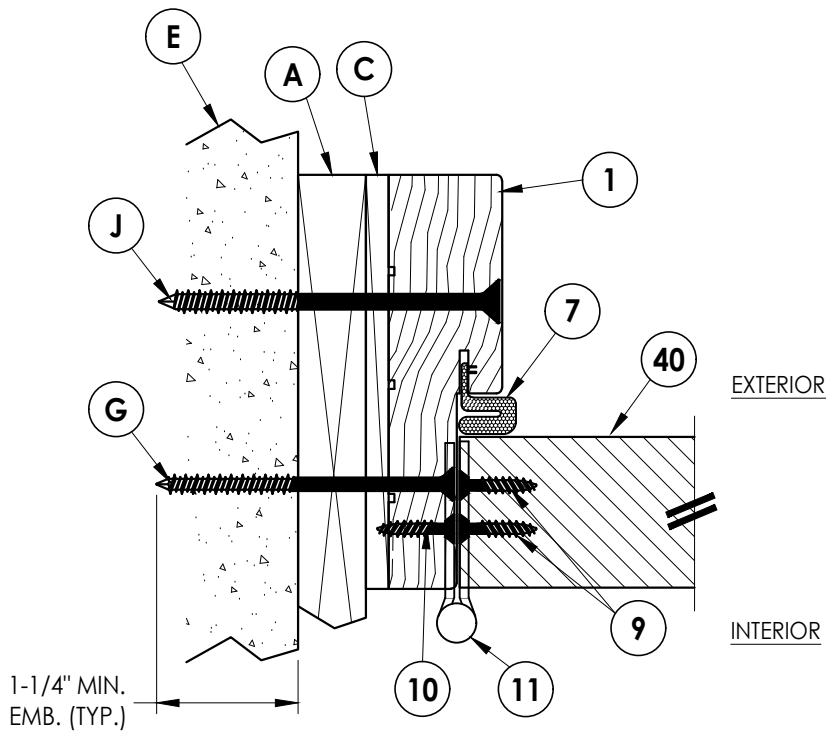
Documents Prepared By:
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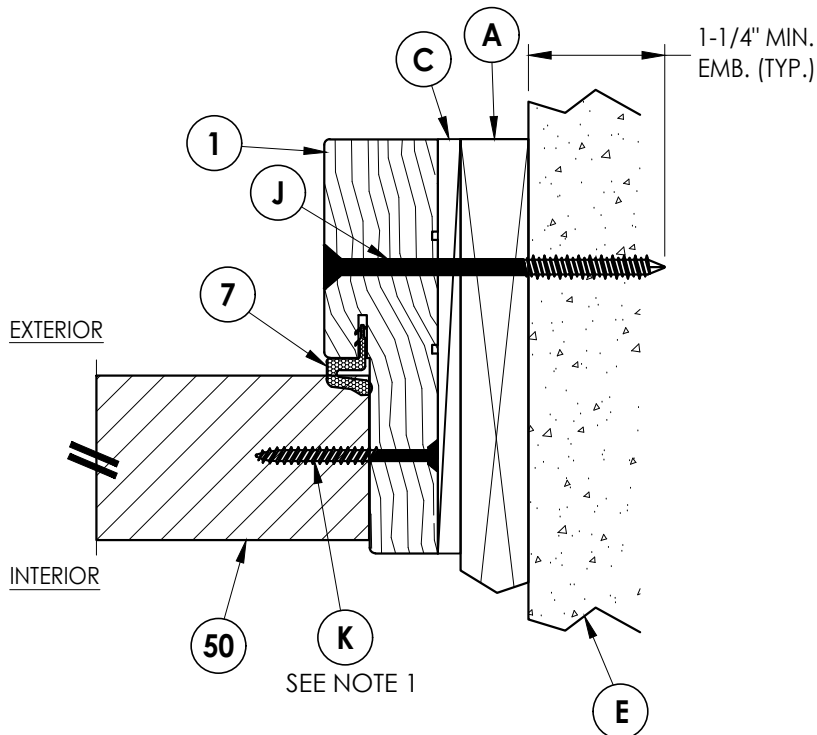
RW

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

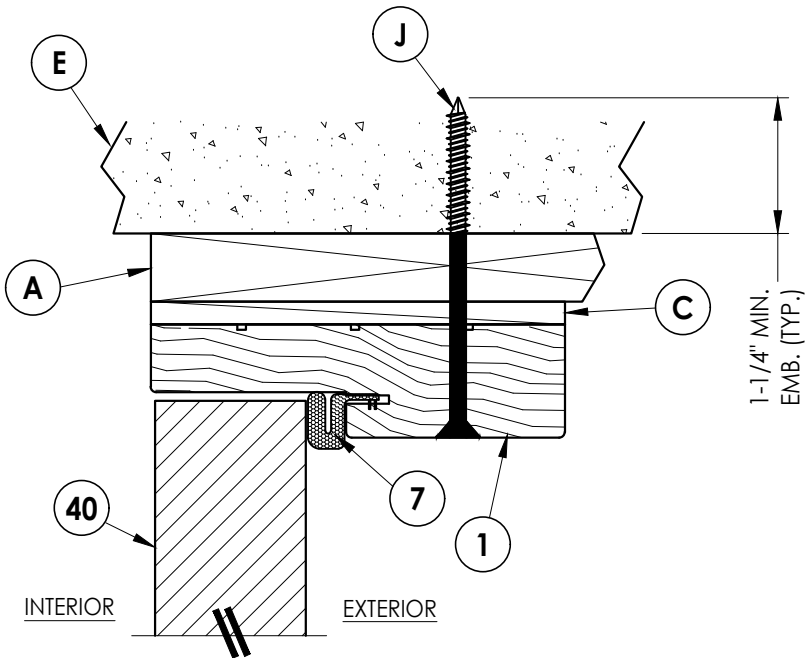
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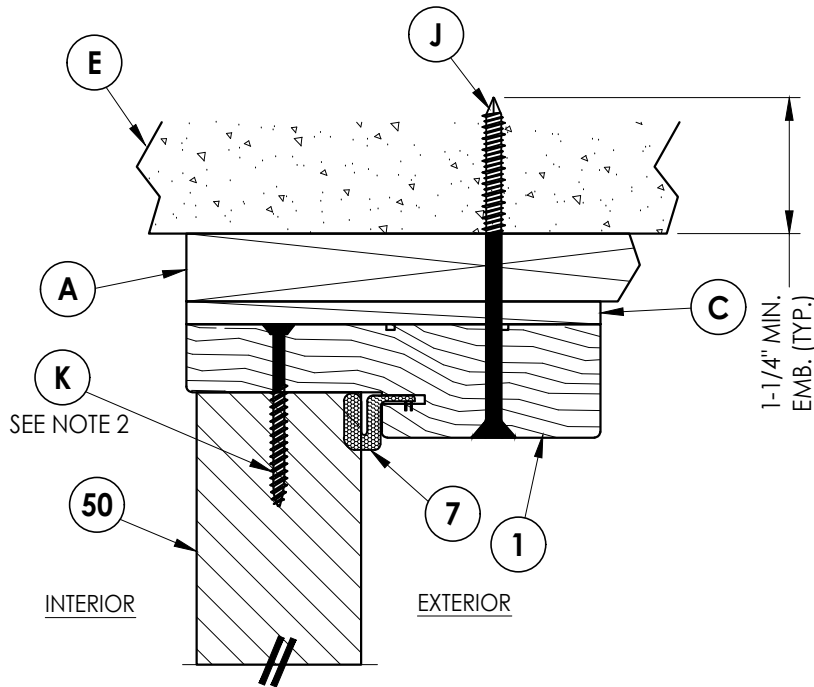
1
6 **HORIZONTAL CROSS SECTION**
Inswing
1X Buck Construction



2
6 **HORIZONTAL CROSS SECTION**
Inswing
1X Buck Construction



3
6 **VERTICAL CROSS SECTION**
Inswing
1X Buck Construction



4
6 **VERTICAL CROSS SECTION**
Inswing
1X Buck Construction

NOTES:

- Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
- Sidelite attached @ 3" from each end (2 screws total @ head).

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

RW

PRODUCT: DOORSCAPES
STEEL DOOR

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

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 1/21/19

SCALE: N.T.S.

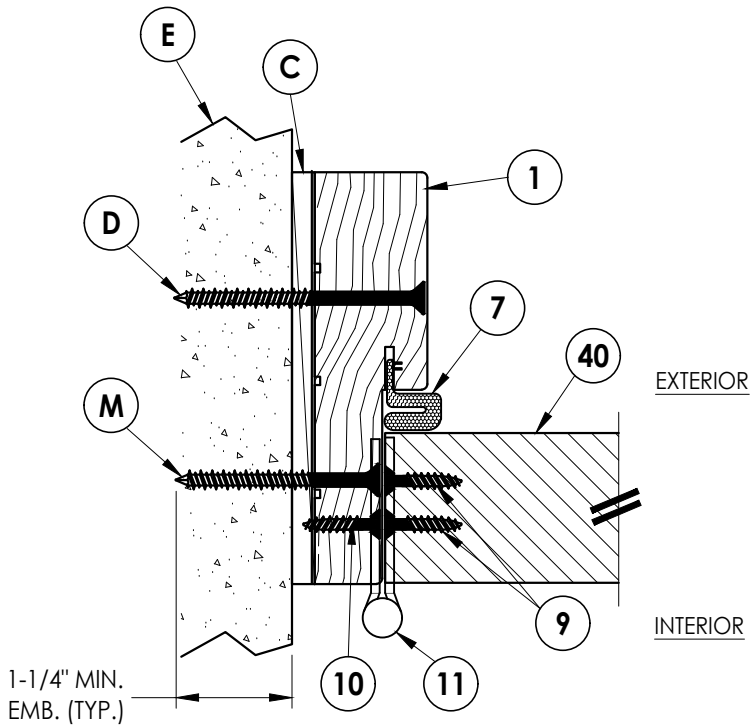
DWG. BY: MT

CHK. BY: LFS

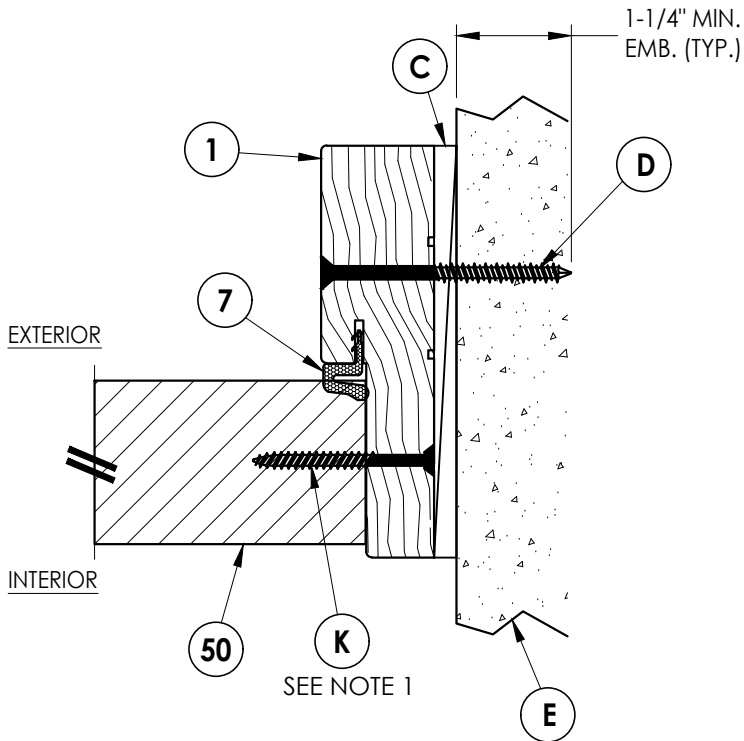
DRAWING NO.: FL-28832.2

SHEET 6 OF 13

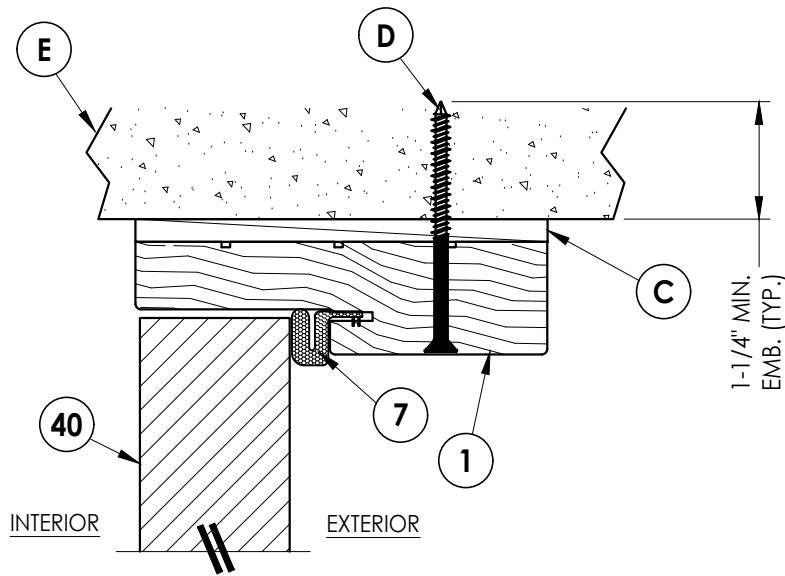
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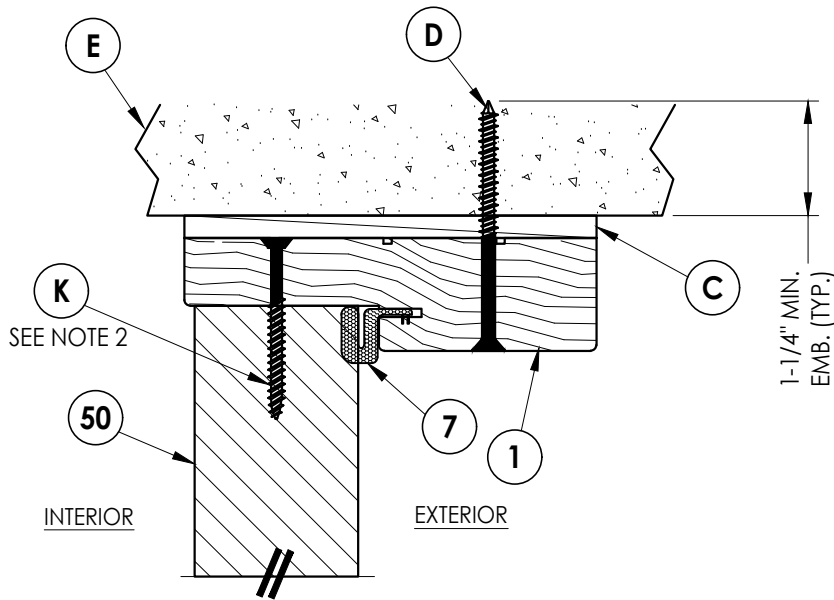
1
7 **HORIZONTAL CROSS SECTION**
Inswing
Shown Direct to Masonry



2
7 **HORIZONTAL CROSS SECTION**
Inswing
Shown Direct to Masonry



3
7 **VERTICAL CROSS SECTION**
Inswing
Shown Direct to Masonry



4
7 **VERTICAL CROSS SECTION**
Inswing
Shown Direct to Masonry

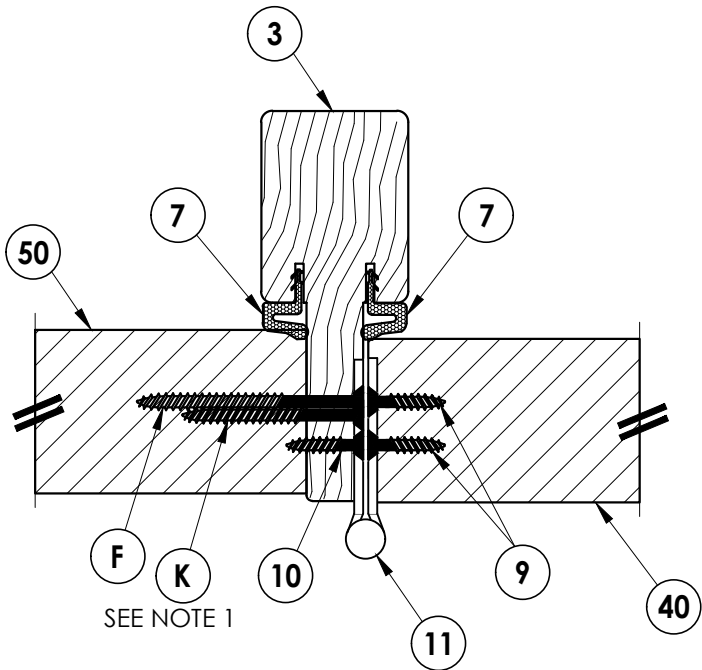
NOTES:

1. Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
2. Sidelite attached @ 3" from each end (2 screws total @ head).

PRODUCT:		PART OR ASSEMBLY:	
DOORSCAPES STEEL DOOR		HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
NO.	DATE	BY	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
2	8/01/23	UPDATE TO 8TH ED. (2023)	FBC LFS
1	8/06/20	UPDATE TO 7TH ED. (2020)	FBC LFS
DATE: 1/21/19			
SCALE: N.T.S.			
DWG. BY: MT			
CHK. BY: LFS			
DRAWING NO.: FL-28832.2			
SHEET 7 OF 13			

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

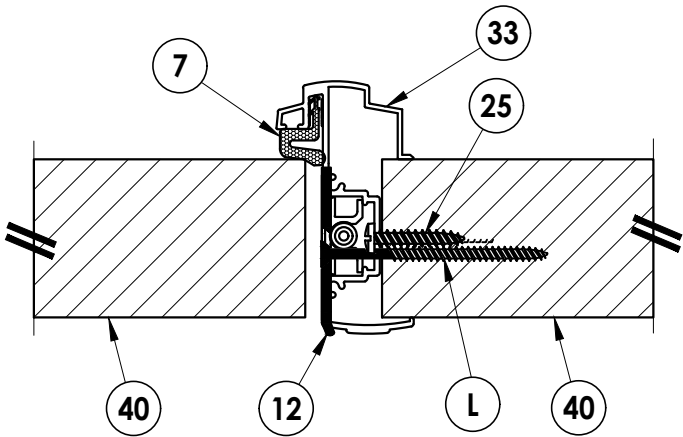
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



1 HORIZONTAL CROSS SECTION
8 Inswing

EXTERIOR

INTERIOR



2 HORIZONTAL CROSS SECTION
8 Inswing

NOTE:

1. Sidelite attached w/ 1 screw equally spaced between each hinge (2 screws total per mullion).

DATE: 1/21/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

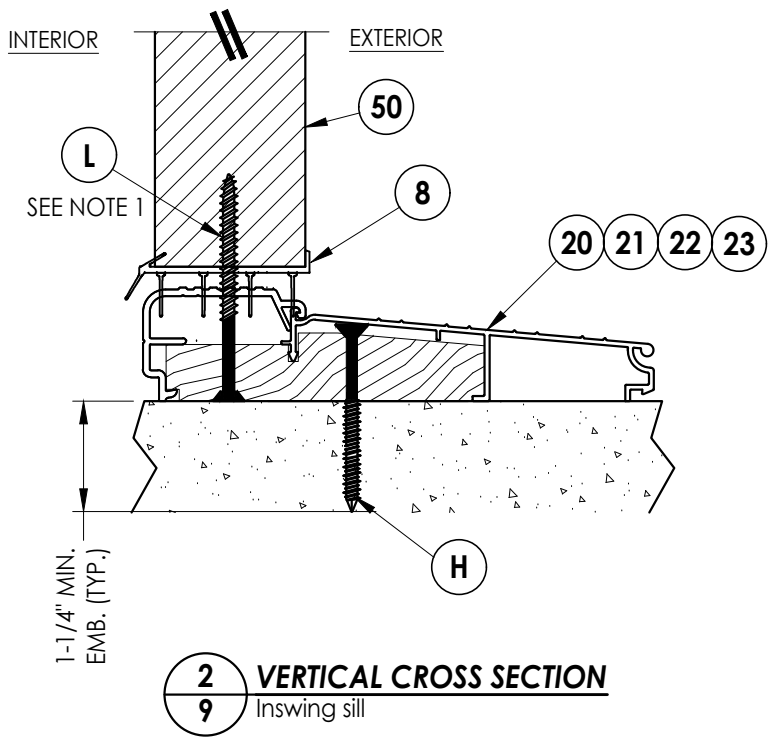
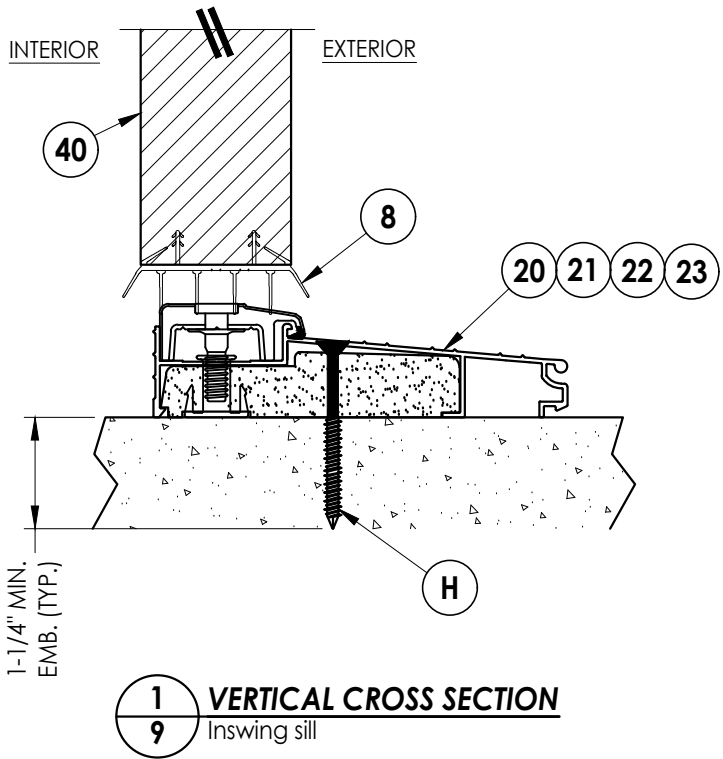
DRAWING NO.: FL-28832.2

SHEET 8 OF 13

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC LFS
BY		

PRODUCT:	DOORSCAPES STEEL DOOR
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

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

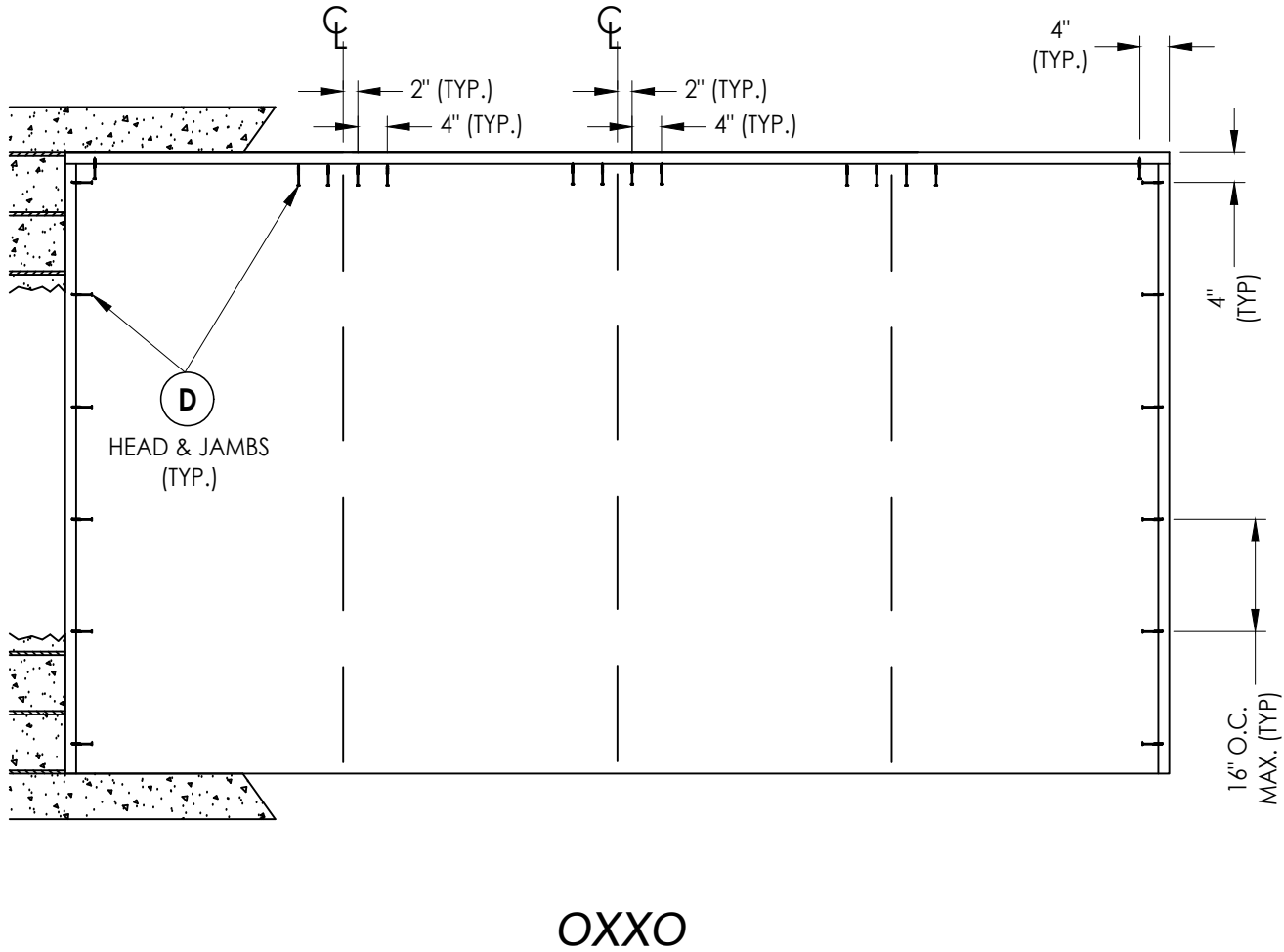
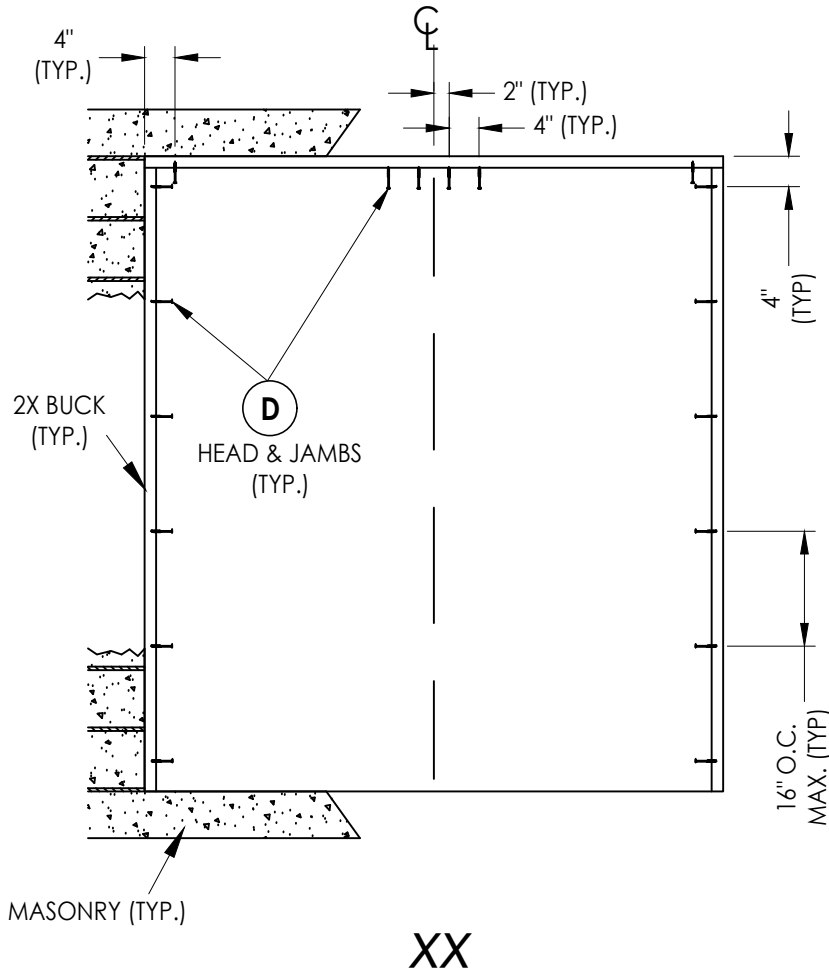
1. Sidelite attached @ 3" from each end (2 screws total @ sill).

[illegible]

PRODUCT:	DOORSCAPES STEEL DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

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



2X BUCK ANCHORING

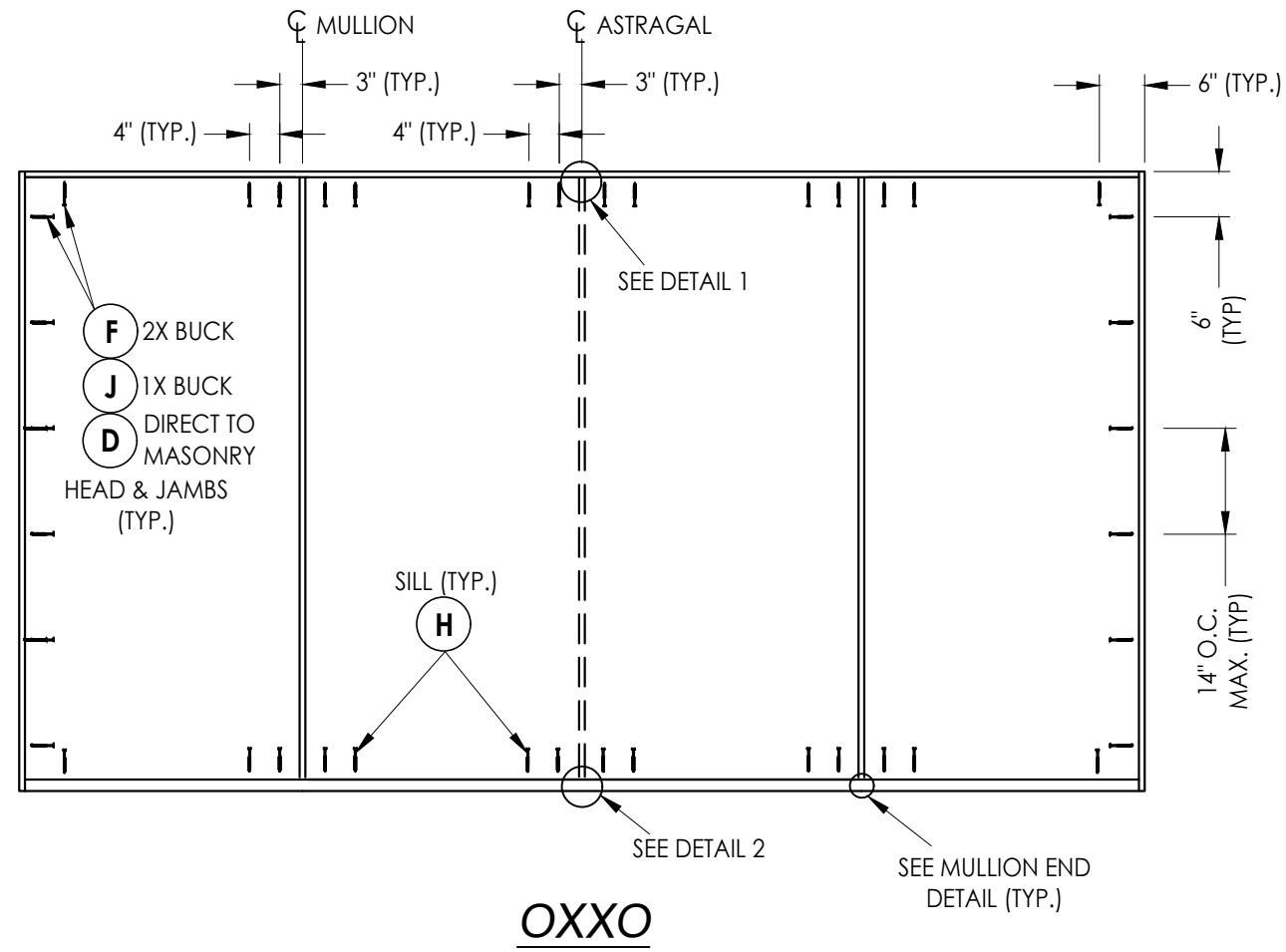
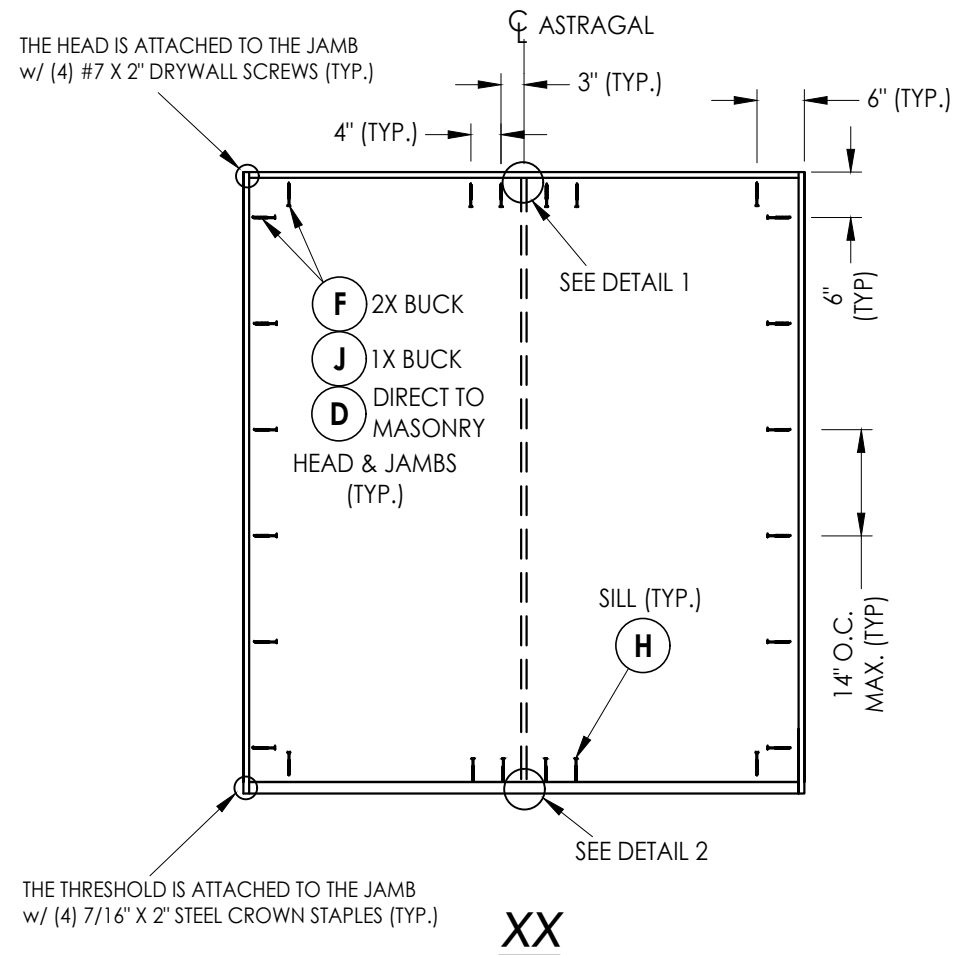
DATE: 1/21/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.: FL-28832.2
SHEET 10 OF 13

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC LFS

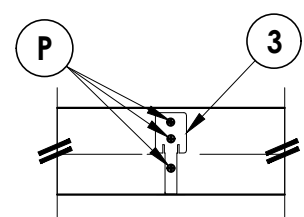
PRODUCT:	DOORSCAPES STEEL DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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

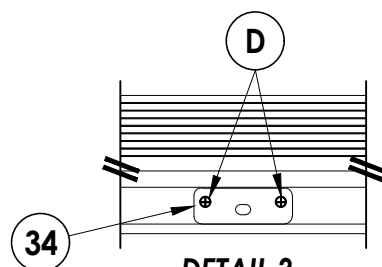
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



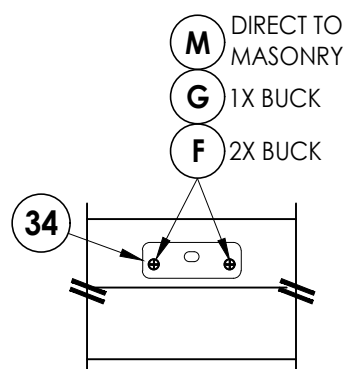
FRAME ANCHORING



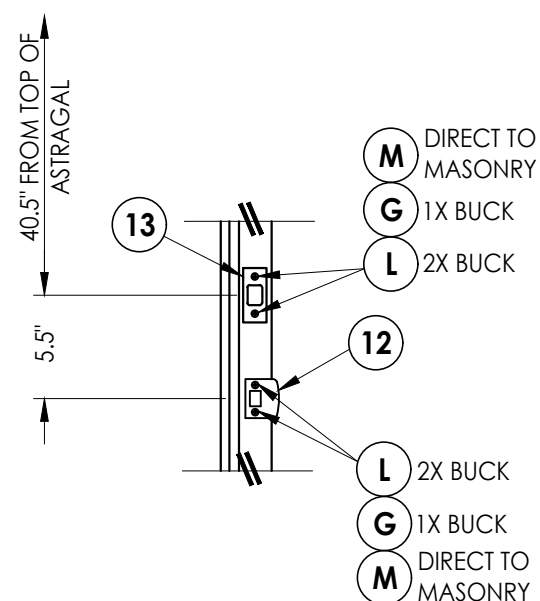
MULLION END DETAIL
(TYP. @ HEAD & SILL)



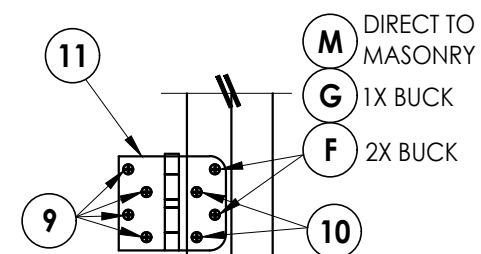
DETAIL 2



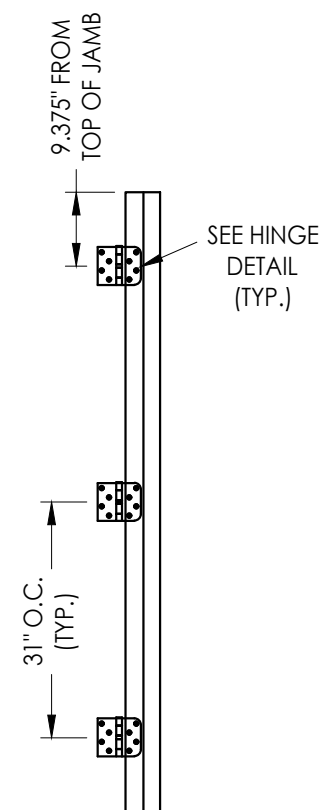
DETAIL 1



LATCH & DEADBOLT STRIKE DETAILS



HINGE DETAIL

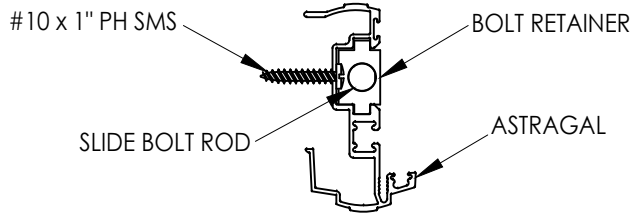
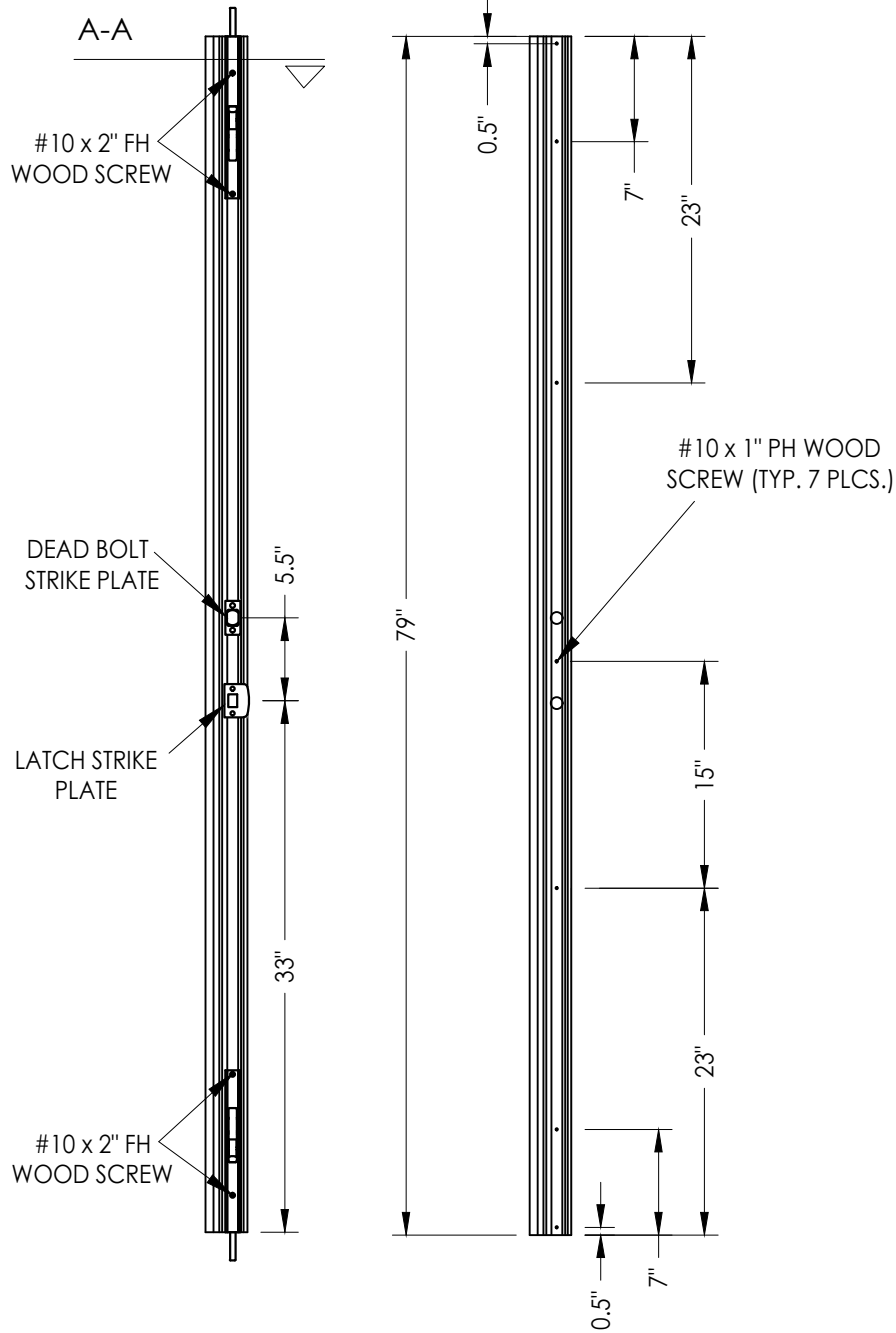


HINGE JAMB

[illegible]

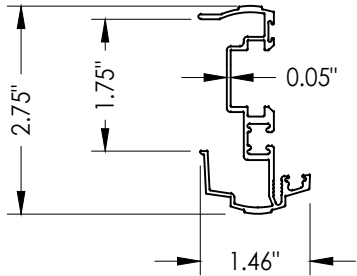
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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



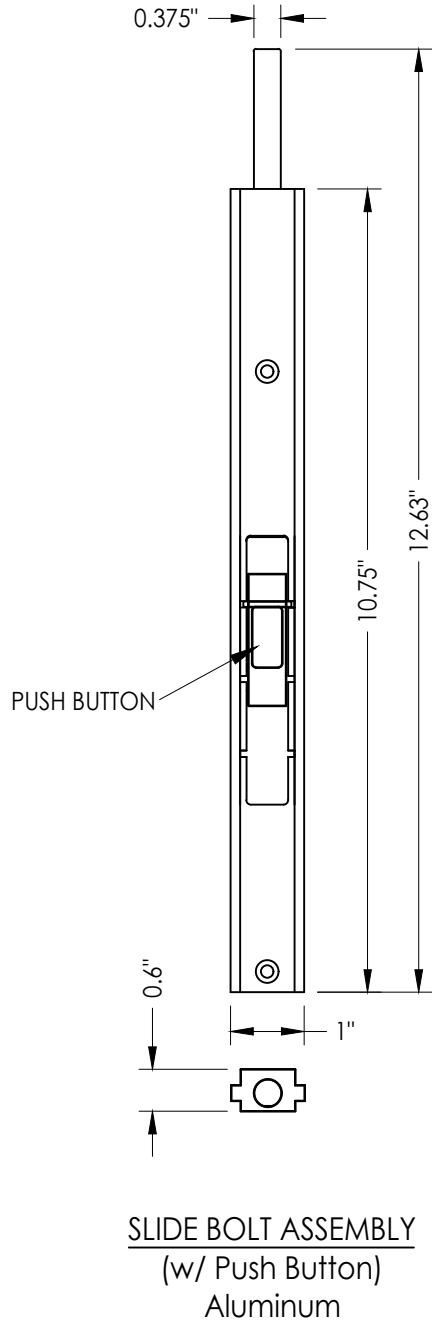
SECTION A-A

Astragal Assembly



33

HURRICANE "T" ASTRAGAL by AFCO
Aluminum

[illegible]

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

R²N

Phone No.: 813.659.9197
FBPE Registry No. 9813

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	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 2" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	#7 X 2-1/2" DRYWALL SCREW	STEEL
1	FINGER JOINT PINE JAMB (G >= 0.42)	WOOD
3	INTEGRAL MULLION (PINE, G >= 0.42)	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR/SIDELITE BOTTOM SWEEP	VINYL
9	#9 X 1" PFH WOOD SCREW	STEEL
10	#10 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
20	INSWING THRESHOLD (AFCO A-125)	ALUM/WOOD
21	INSWING THRESHOLD (AFCO A-125)	ALUM/COMP
22	INSWING THRESHOLD (AFCO A-276)	ALUM/WOOD
23	INSWING THRESHOLD (AFCO A-280)	ALUM/WOOD
25	#10 X 1" PH SMS	STEEL
33	ALUMINUM ASTRAGAL (AFCO)	ALUM
34	ASTRAGAL STRIKE PLATE	STEEL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-

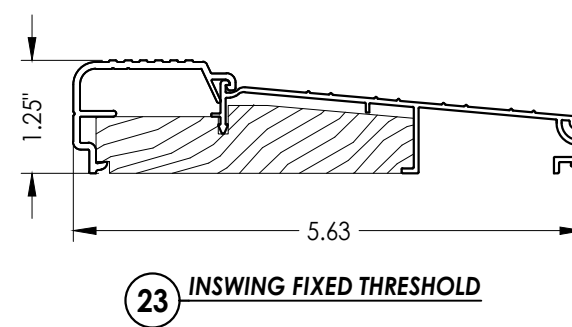
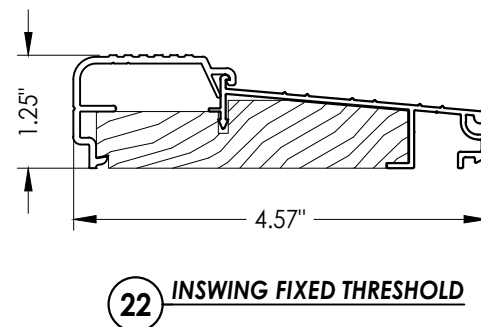
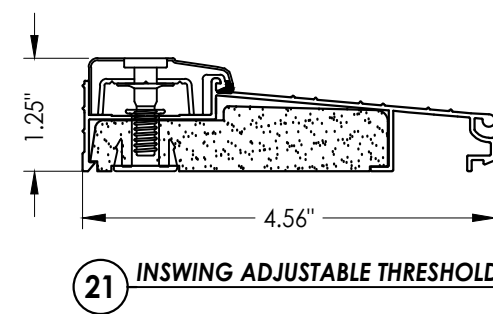
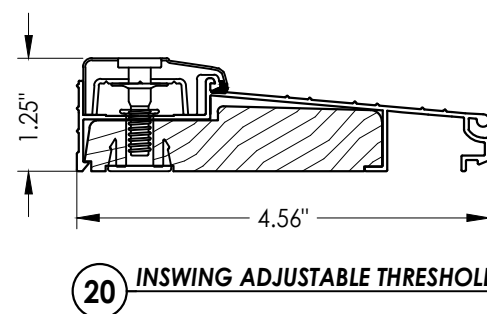
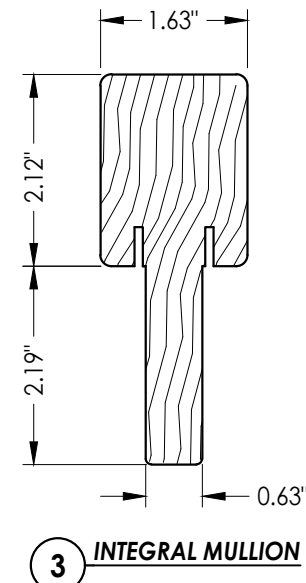
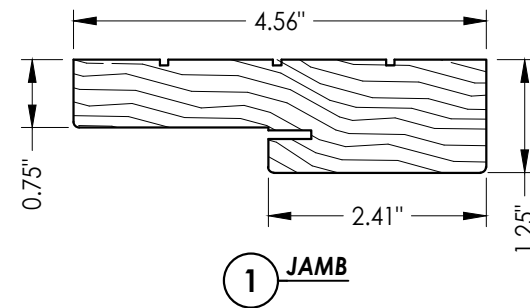
CONCRETE ANCHOR NOTES:

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 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"

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.



DATE: 1/21/19												Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409 R^gW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
SCALE: N.T.S.										PRODUCT: DOORSCAPES STEEL DOOR PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS			
DWG. BY: MT													
CHK. BY: LFS													
DRAWING NO.: FL-28832.2													
SHEET 13 OF 13													