



AMERICA'S DOORMAKER
631 N. FIRST ST. WEST BRANCH, MI 48661

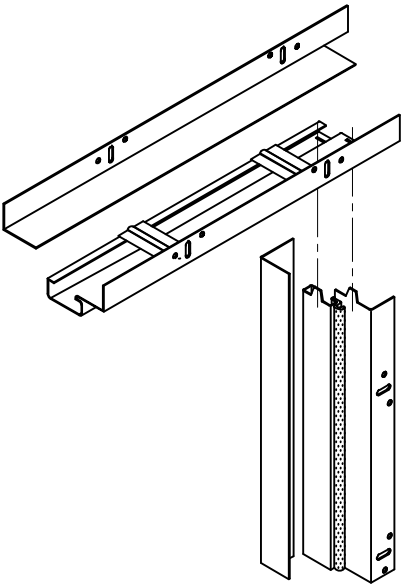
TAYLOR OPAQUE STEEL EDGE DOOR
UTILIZING ADJUSTABLE STEEL DOOR FRAME

INSWING / OUTSWING
"IMPACT"

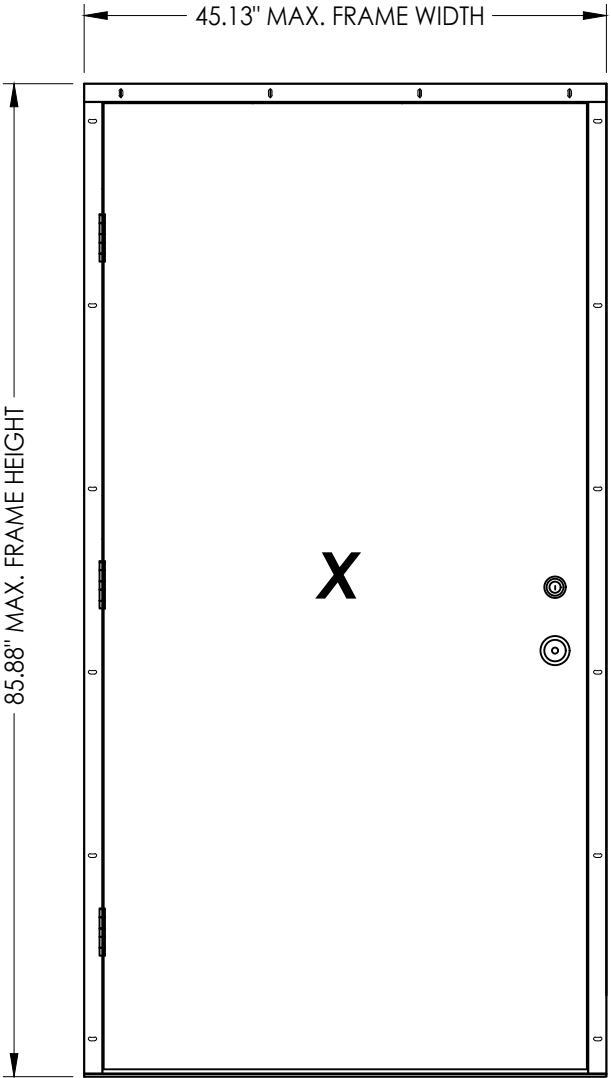
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
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.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. Configurations utilizing the high-dam outswing bump threshold (item #30) meet water infiltration requirements for the "HVHZ".
6. Configurations utilizing inswing threshold (item #31), outswing threshold (item #32) and the ADA threshold (item #33), do not meet the water infiltration requirements for the "HVHZ". These units shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
8. When used in the "HVHZ", steel must be protected as specified in FBC Section 2222.6.

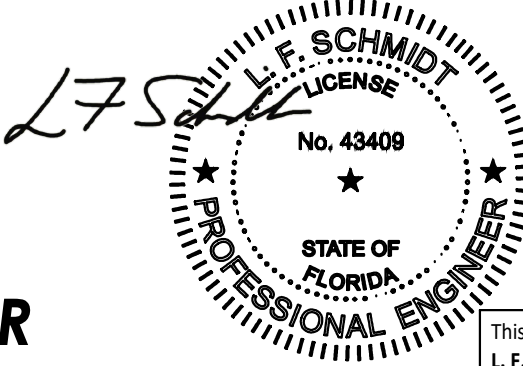
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Corner detail
4	Horizontal cross section
5	Vertical cross sections
6	Buck and frame anchoring
7	Bill of materials and components



ADJUSTABLE FRAME
IDP ENTRY-FIT™ (K2A-SERIES)



OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
45.13" X 85.88"	+ 60.0	- 60.0



Digitally signed
by Lyndon F
Schmidt
Date: 2026.07.22
08:41:18 -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

PRODUCT:
TAYLOR
STEEL DOOR

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

8	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
7	12/15/25	ADD DOOR PANEL OPTIONS		LFS
6	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	7/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
4	7/20/17	UPDATE TO 6TH ED. (2017)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 4/11/11

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

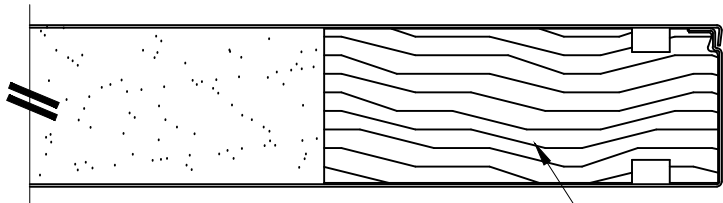
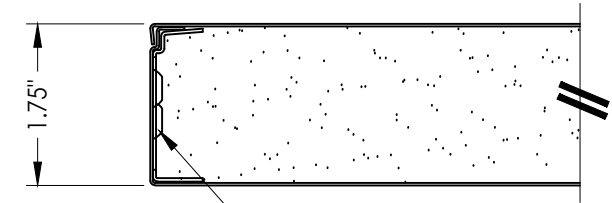
DRAWING NO.: FL-14513.1

SHEET 1 OF 7

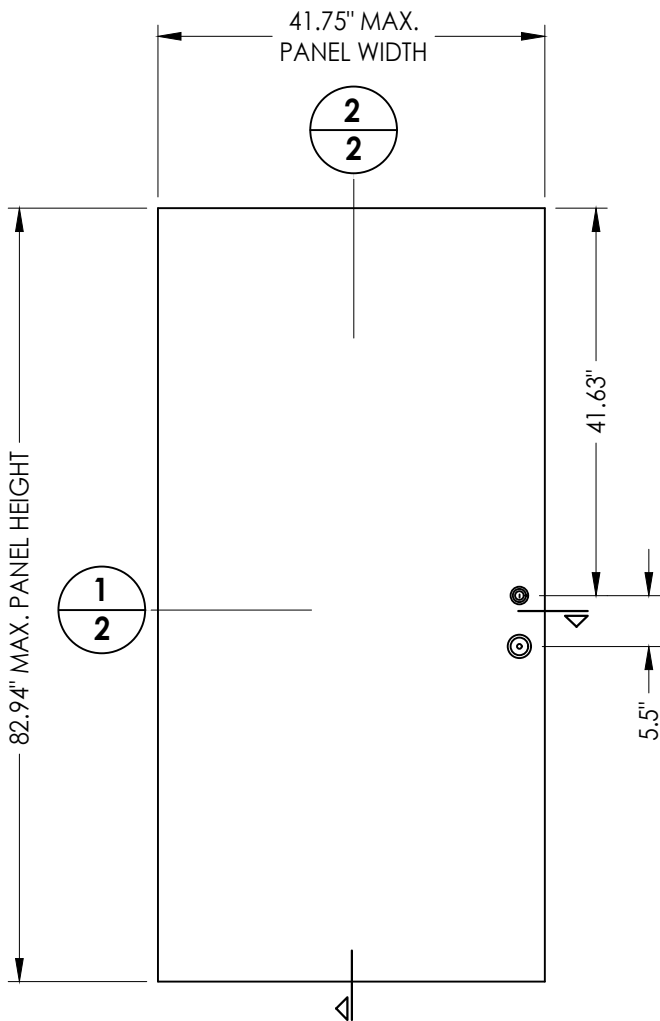
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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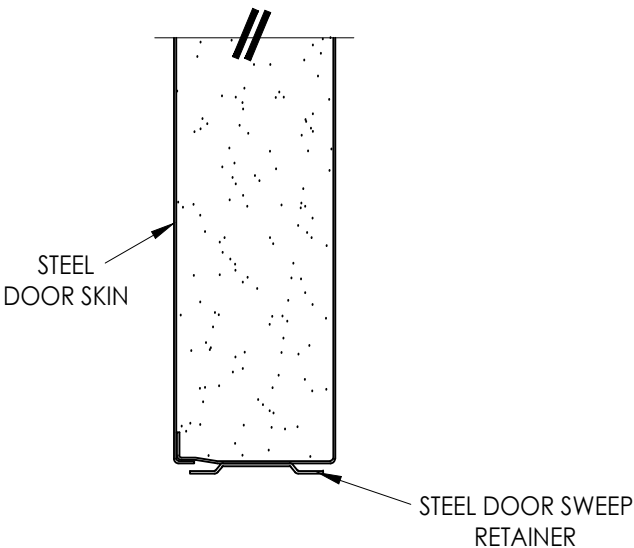
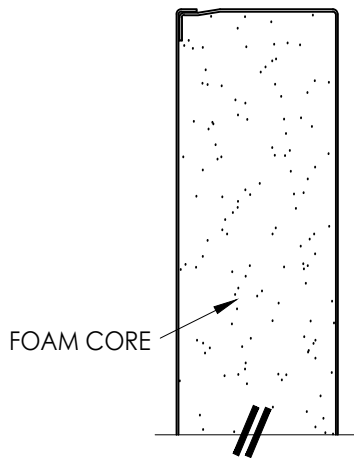
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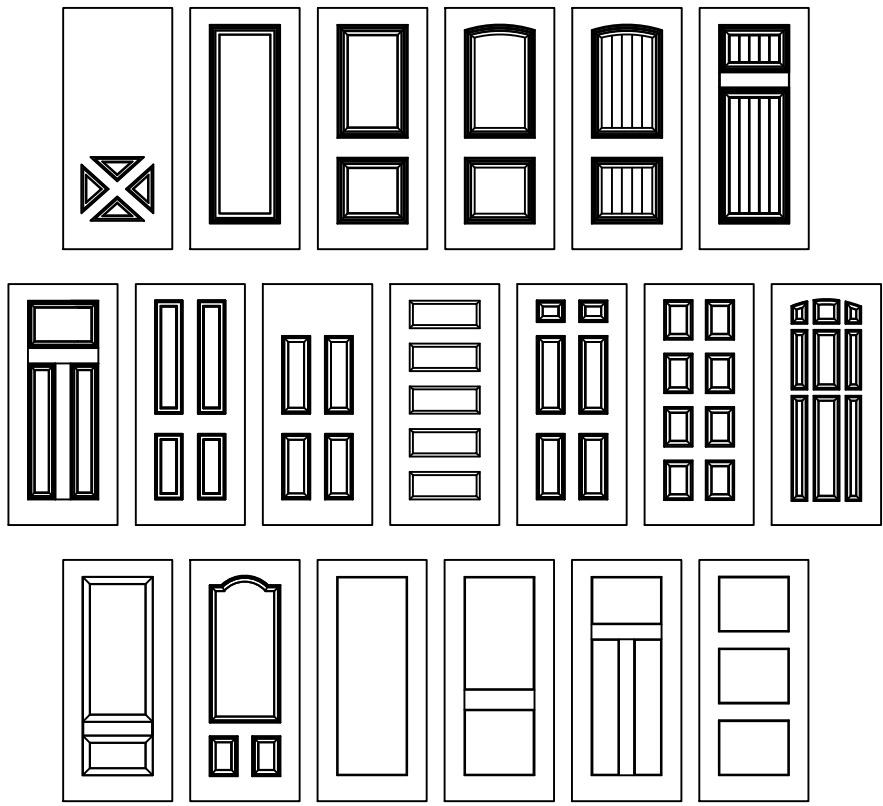
1
2 **HORIZONTAL CROSS SECTION**



40 **DOOR PANEL**
Steel (Taylor)



2
2 **VERTICAL CROSS SECTION**



Taylor Opaque Door Panel Options

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

STEEL DOOR SKIN: MIN. 0.020" THK. GALVANIZED STEEL (Fy = 33,000 PSI MIN.)
CORE MATERIAL: POLYURETHANE FOAM (2 lbs/FT³ DENSITY)

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:	TAYLOR STEEL DOOR	
	PART OR ASSEMBLY:	
DOOR PANEL DETAILS		

8	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
7	12/15/25	ADD DOOR PANEL OPTIONS		LFS
6	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
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NO.		DATE		BY
REVISIONS				

DATE: 4/11/11

SCALE: N.T.S.

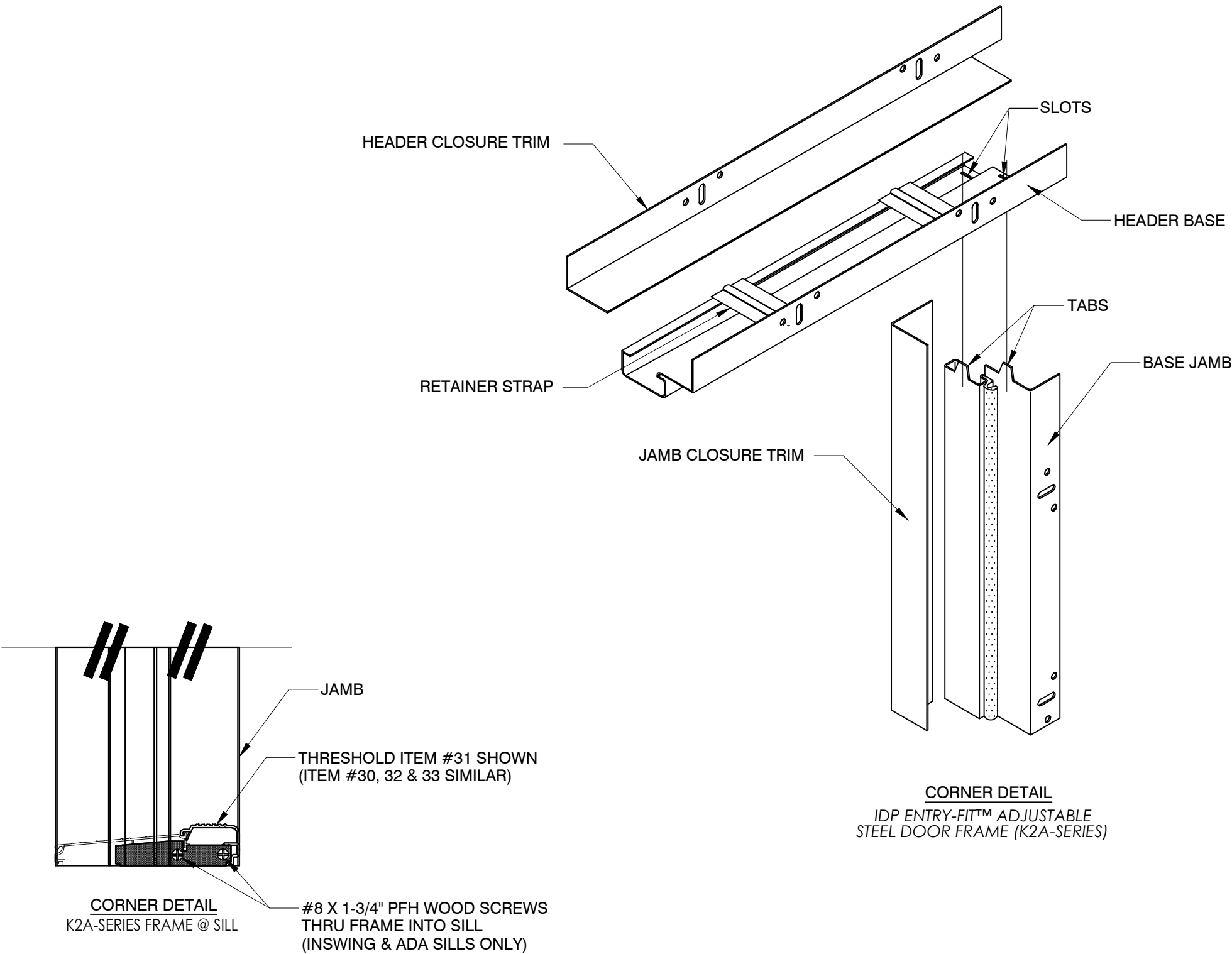
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14513.1

SHEET 2 OF 7



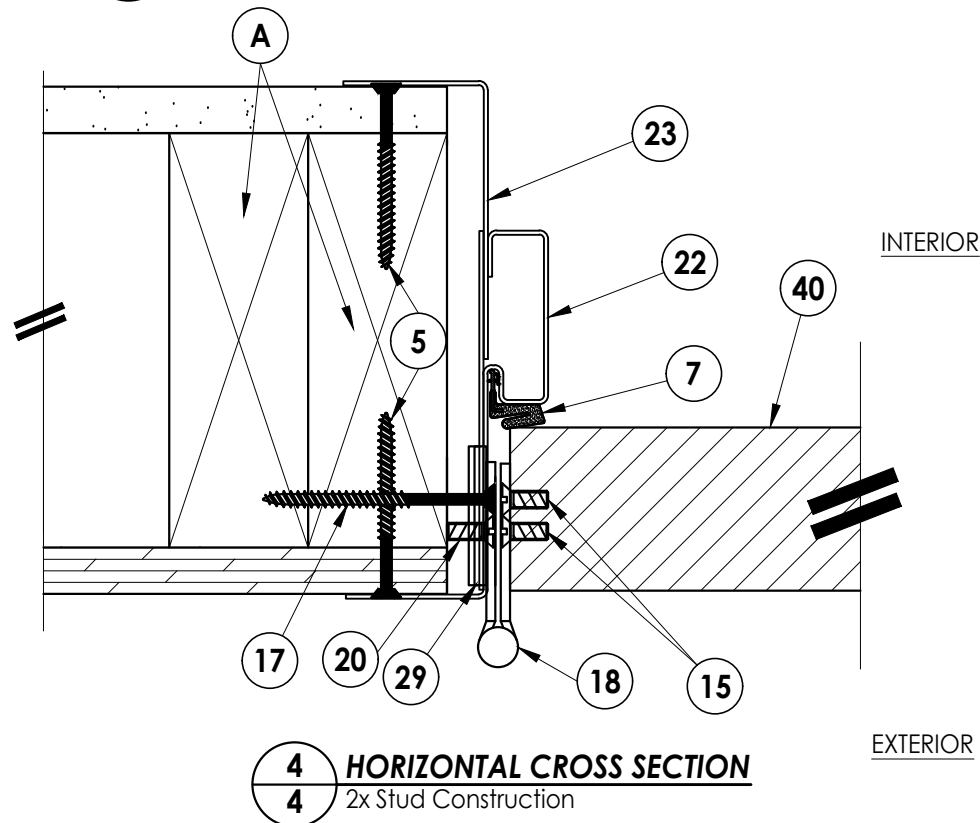
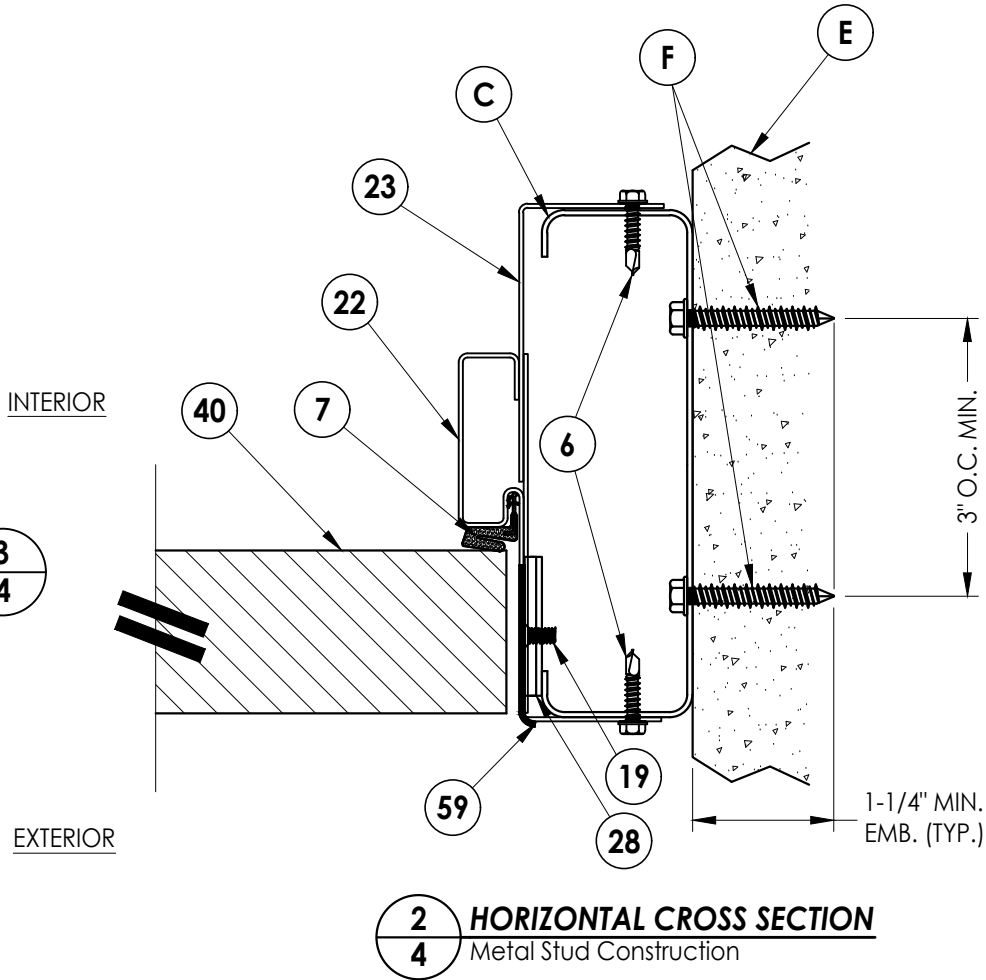
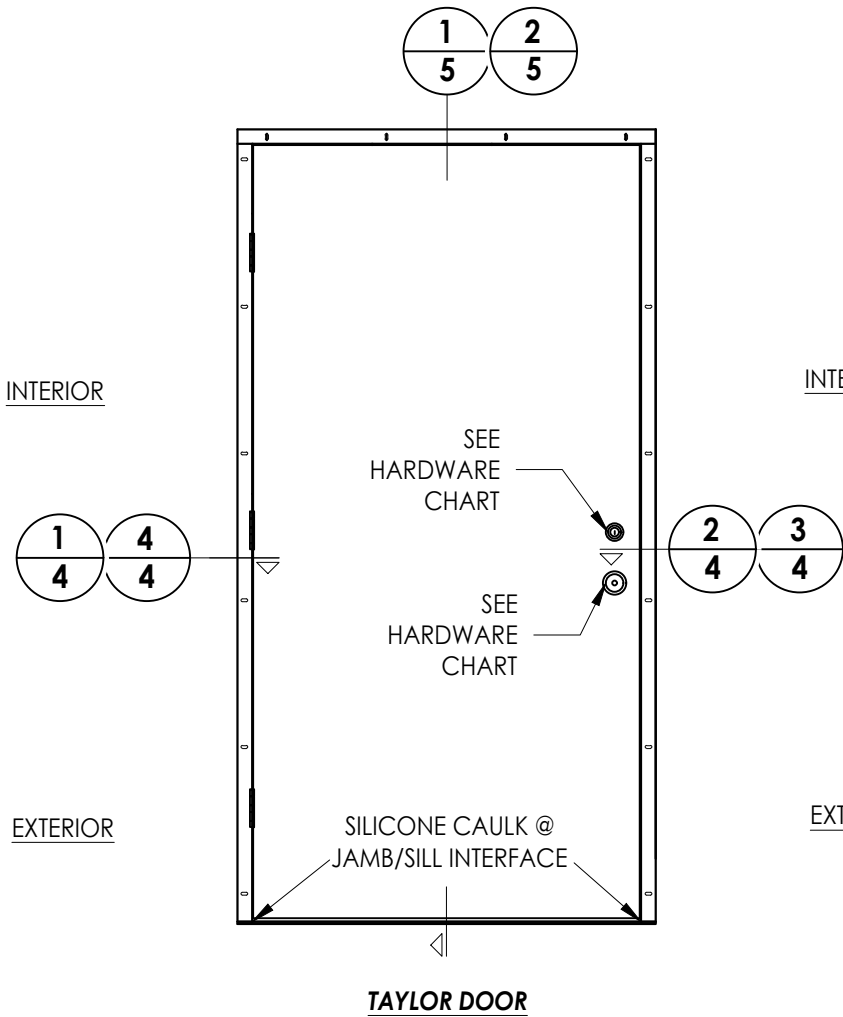
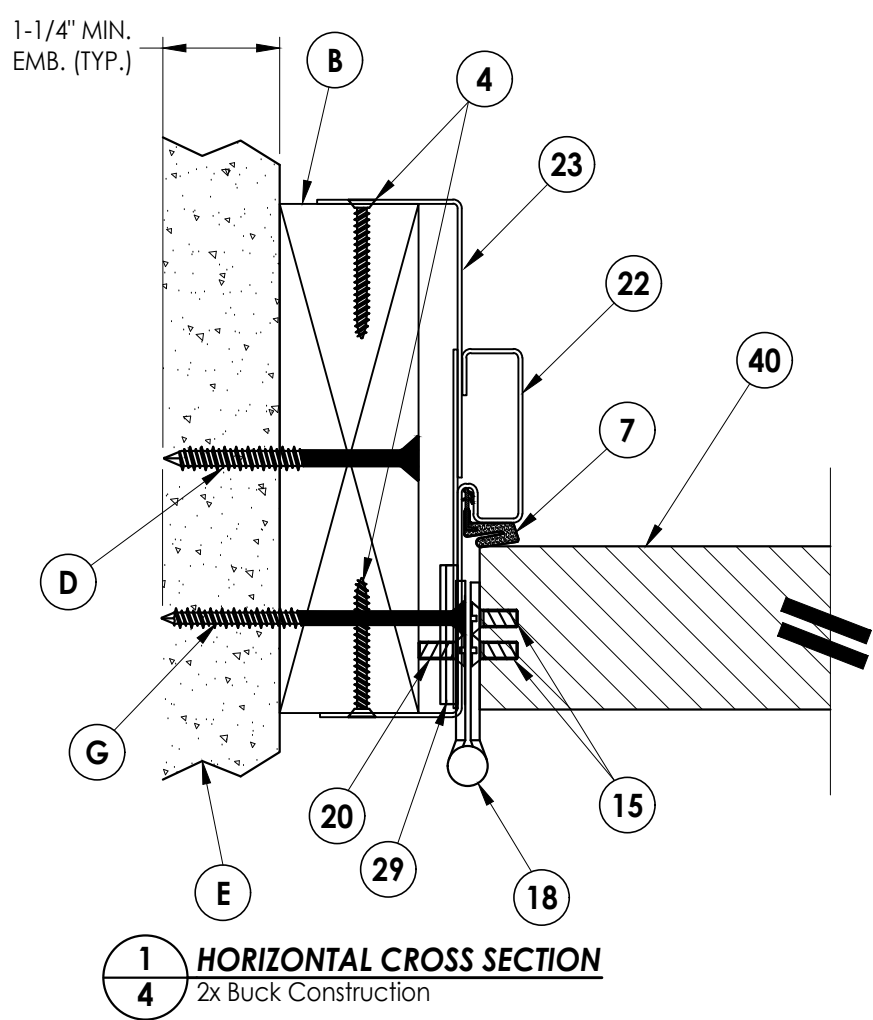
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7	12/15/25	ADD DOOR PANEL OPTIONS		LFS
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NO.	DATE	BY		
		REVISIONS		

DATE:	4/11/11
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14513.1
SHEET	<u>3</u> OF <u>7</u>

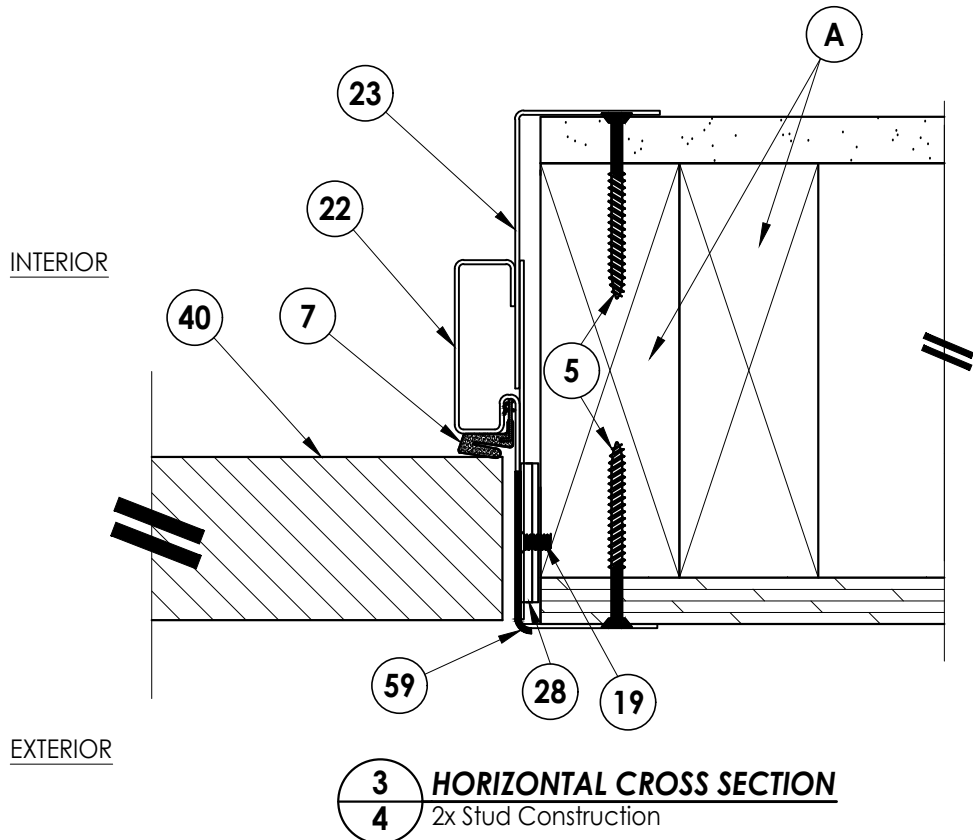
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	LOCK:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	LEVER:	"F" SERIES
	DEADBOLT:	B300



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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:
TAYLOR
STEEL DOOR

PART OR ASSEMBLY:

HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS			
		BY	JK	LFS	FBC
8	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
7	12/15/25	ADD DOOR PANEL OPTIONS		LFS	
6	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
5	7/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
4	7/20/17	UPDATE TO 6TH ED. (2017)	FBC	JK	

DATE: 4/11/11

SCALE: N.T.S.

DWG. BY: JK

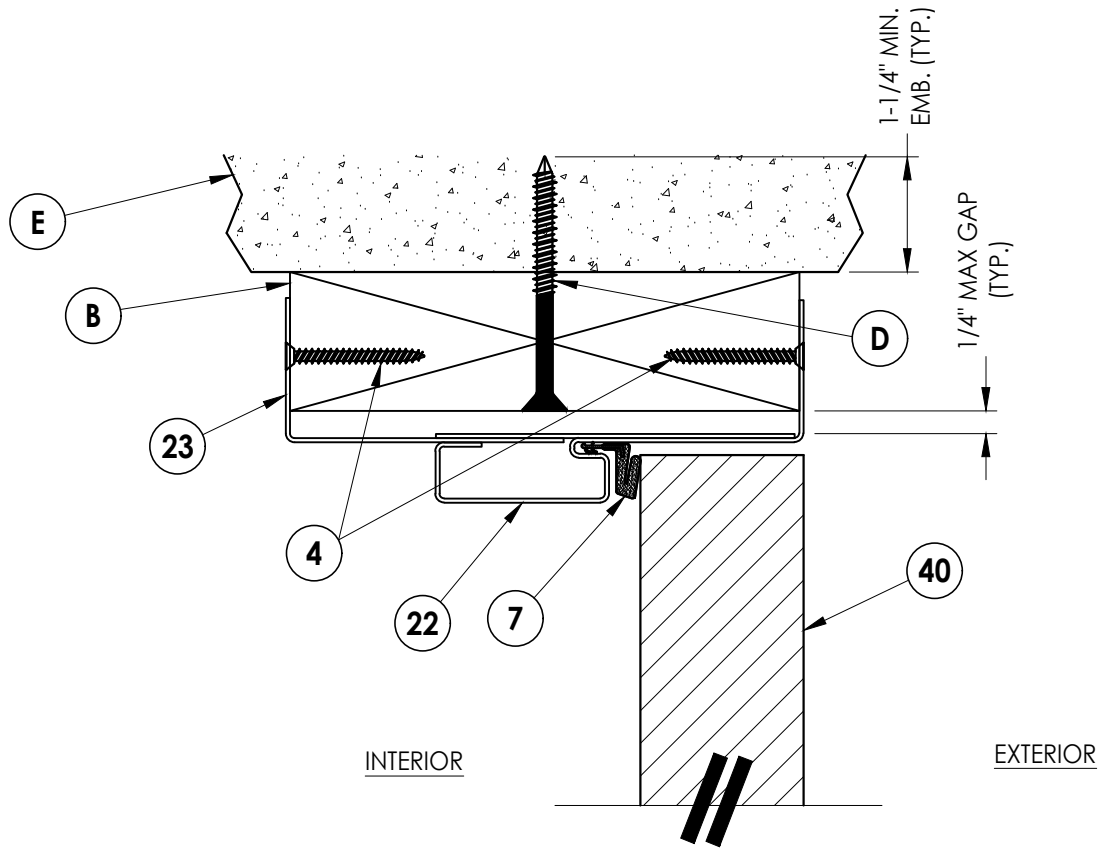
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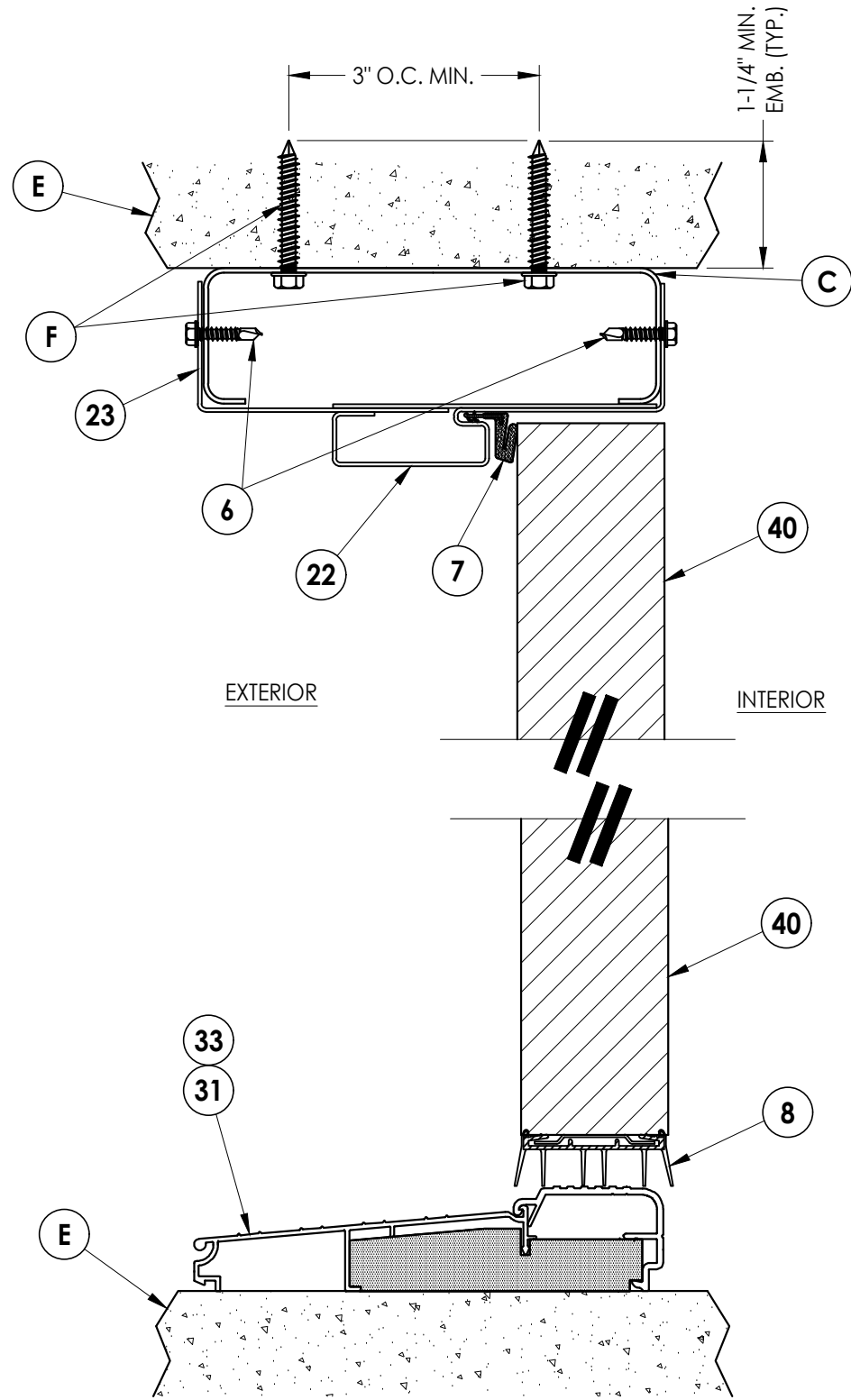
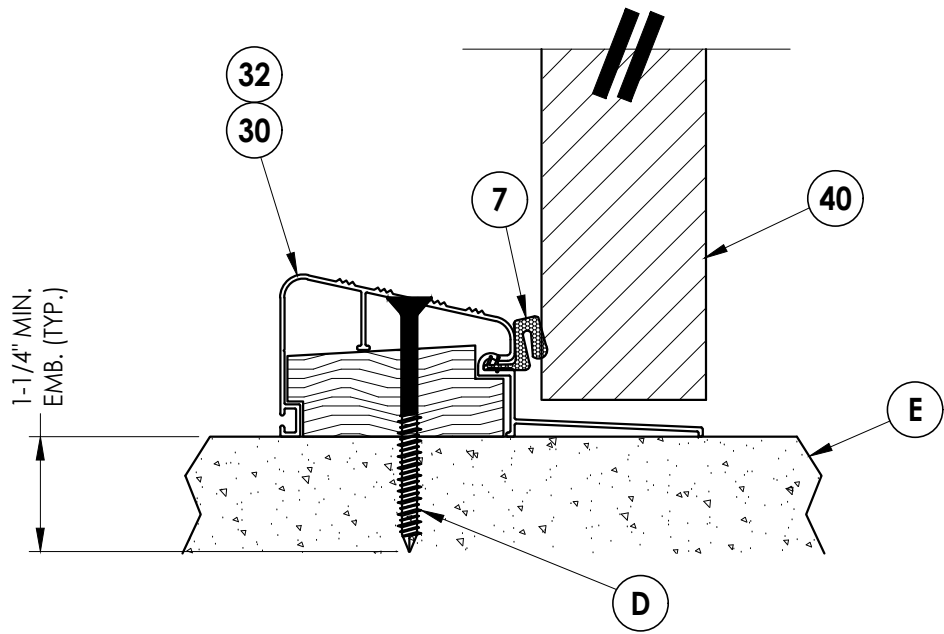
FL-14513.1

SHEET 4 OF 7

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1 VERTICAL CROSS SECTION
5 Outswing



2 VERTICAL CROSS SECTION
5 Inswing

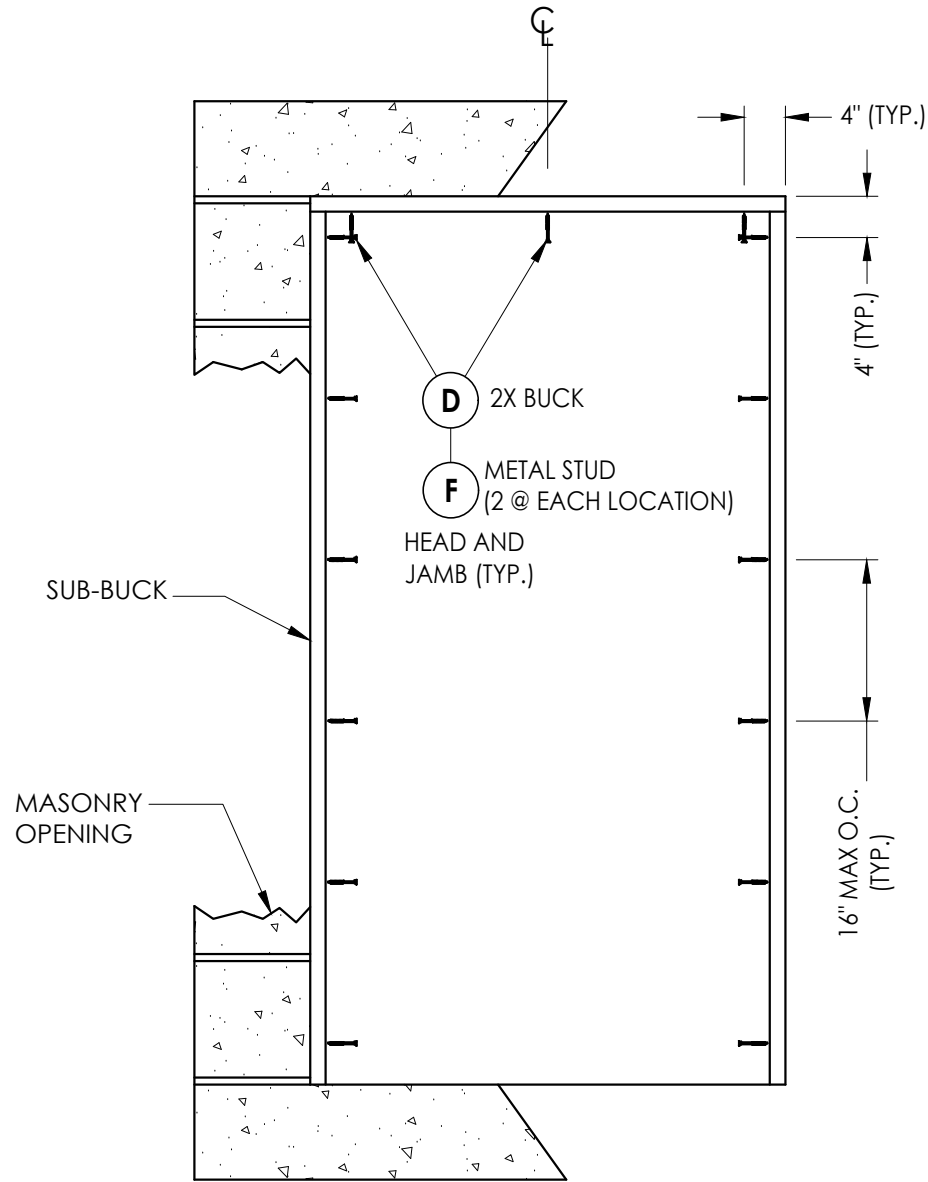
NO.	DATE	REVISIONS
8	7/03/26	UPDATE TO 9TH ED. (2026) FBC
7	12/15/25	ADD DOOR PANEL OPTIONS
6	7/06/23	UPDATE TO 8TH ED. (2023) FBC
5	7/20/20	UPDATE TO 7TH ED. (2020) FBC
4	7/20/17	UPDATE TO 6TH ED. (2017) FBC

DATE:	4/11/11
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14513.1
SHEET	5 OF 7

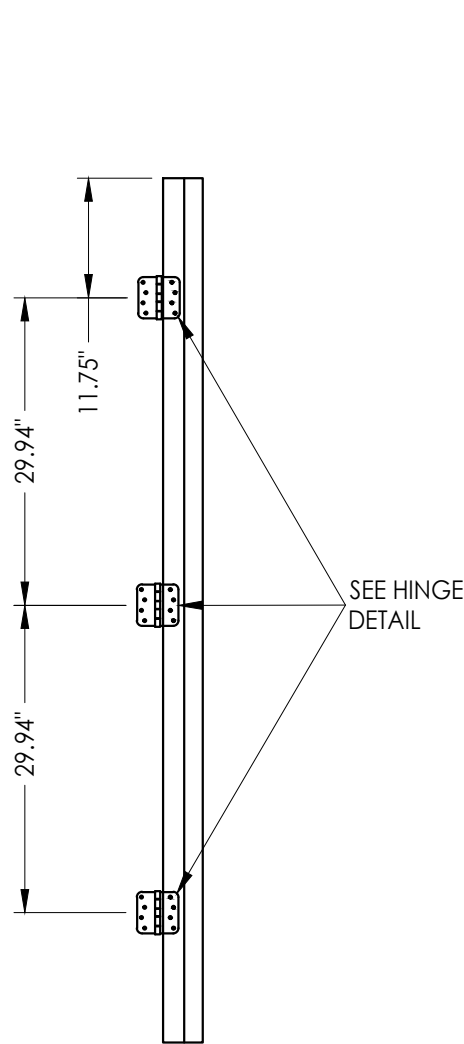
PRODUCT:	TAYLOR STEEL DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTION

Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
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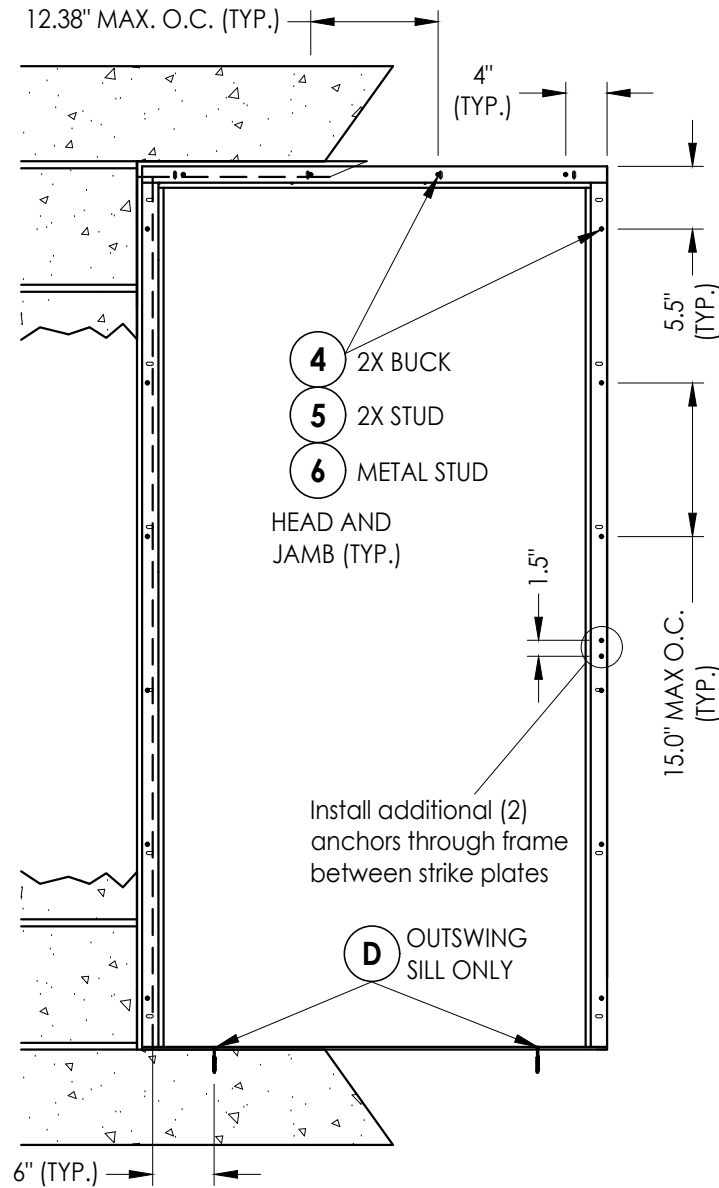
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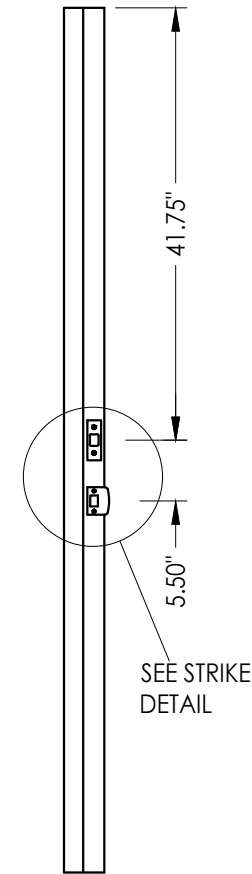
BUCK ANCHORING
Taylor Door



HINGE JAMB



FRAME ANCHORING
Taylor Door



STRIKE JAMB

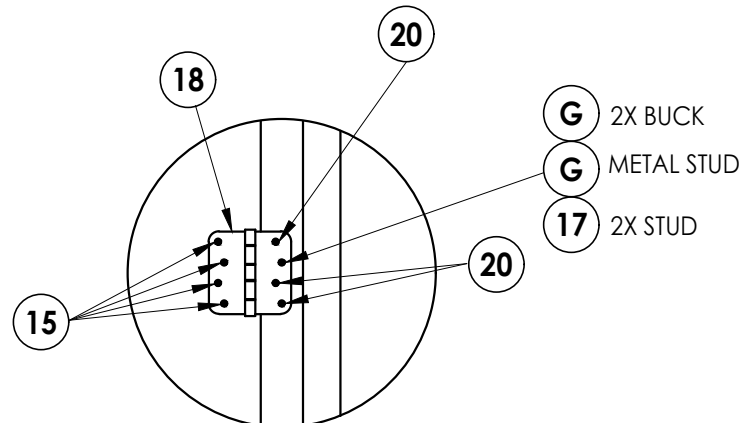
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- Concrete anchor table:

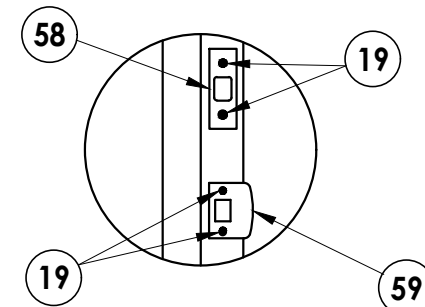
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



HINGE DETAIL



STRIKE PLATE DETAIL

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: TAYLOR STEEL DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
7/03/26	UPDATE TO 9TH ED. (2026) FBC	LFS
12/15/25	ADD DOOR PANEL OPTIONS	LFS
7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
7/20/20	UPDATE TO 7TH ED. (2020) FBC	LFS
7/20/17	UPDATE TO 6TH ED. (2017) FBC	JK

DATE: 4/11/11

SCALE: N.T.S.

DWG. BY: JK

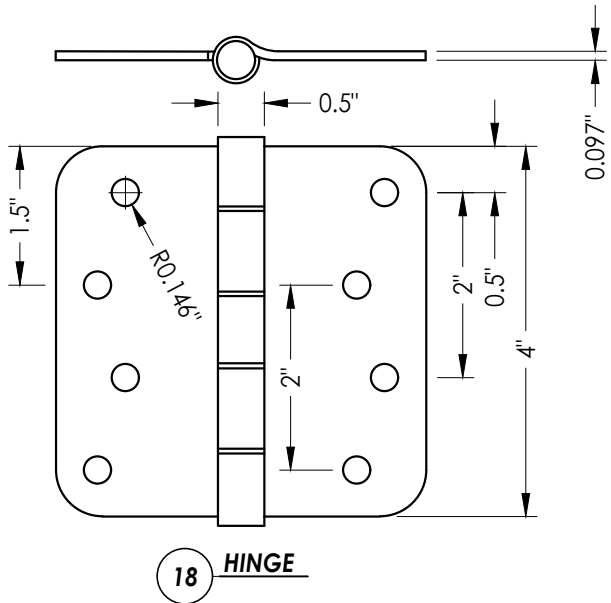
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DRAWING NO.: FL-14513.1

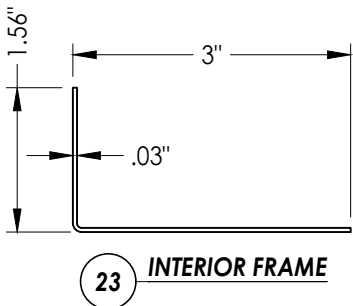
SHEET 6 OF 7

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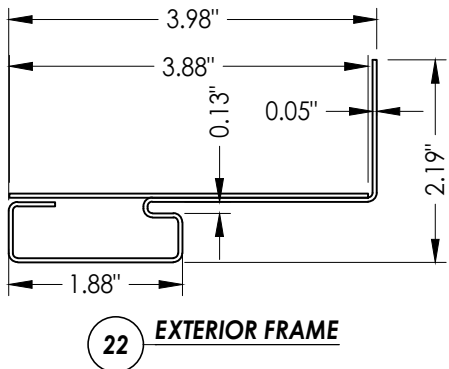
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X STUD FRAMING (G>= 0.55)	WOOD
B	2X BUCK (G >= 0.55)	WOOD
C	METAL STUD (\$SMA STUD 550S162-54, Fy = 33 ksi, Fu = 45 ksi)	STEEL
D	1/4" X 2-3/4" ELCO OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	3/16 X 1-3/4" HWH ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" ITW PFH CONCRETE SCREW	STEEL
4	#10 X 1-1/2" PFH SMS (1.35" MIN. EMBEDMENT)	STEEL
5	#10 X 2" PFH SMS (1.35" MIN. EMBEDMENT)	STEEL
6	#10 X 3/4" HWH SELF-DRILLING TEK SCREW	STEEL
7	COMPRESSION WEATHERSTRIPPING QLON QDS 650 BY SCHLEGEL	-
8	DOOR SWEEP	VINYL
15	10-24 X 5/8" PFH MS	STEEL
17	#10 X 2-1/2" PFH WS	STEEL
18	4.0" X 4.0" HINGE	STEEL
19	8-32 X 3/8" PFH MS	STEEL
20	10-24 X 1/2" PFH MS	STEEL
22	IDP (K2A-SERIES) EXTERIOR FRAME (18 GA. - A60 GALVANNEALED STEEL)	STEEL
23	IDP (K2A-SERIES) INTERIOR FRAME (22 GA. - A60 GALVANNEALED STEEL)	STEEL
28	HINGE LATCH AND DEADBOLT REINFORCEMENT	STEEL
29	HINGE REINFORCEMENT	STEEL
30	OUTSWING THRESHOLD	ALUM/WOOD
31	INSWING THRESHOLD	ALUM/COMP
32	OUTSWING THRESHOLD	ALUM/COMP
33	ADA THRESHOLD	ALUM
40	TAYLOR STEEL DOOR PANEL - SEE DOOR PANEL DETAILS	-
58	STRIKE PLATE - DEADBOLT	STEEL
59	"T" STRIKE PLATE - LATCH	STEEL



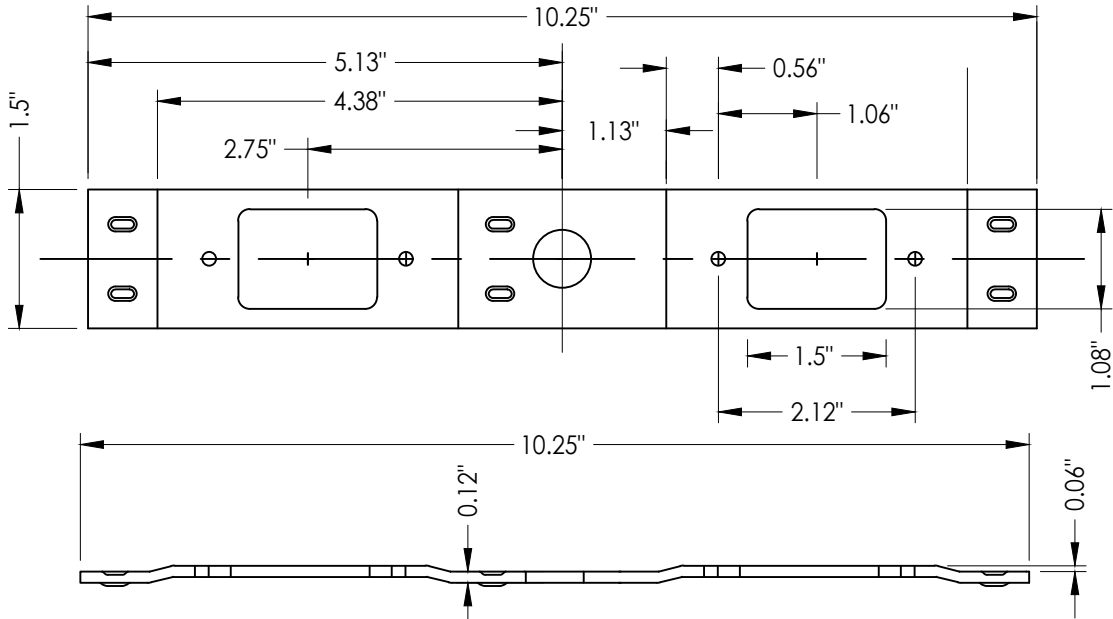
18 HINGE



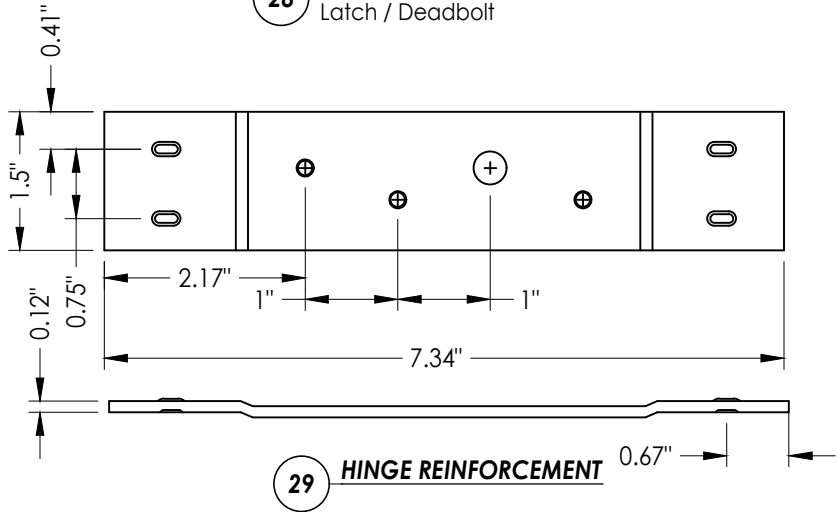
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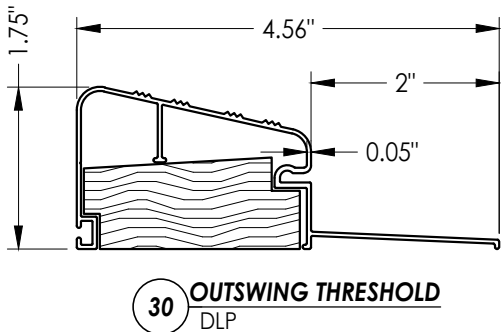
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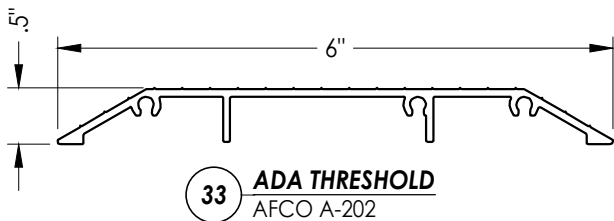
28 STRIKE REINFORCEMENT
Latch / Deadbolt



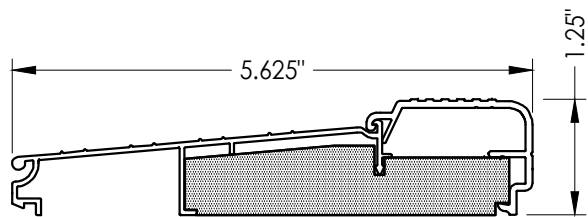
29 HINGE REINFORCEMENT



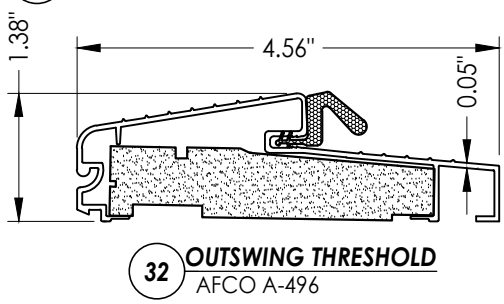
30 OUTSWING THRESHOLD
DLP



33 ADA THRESHOLD
AFCO A-202



31 INSWING THRESHOLD
AFCO A-280



32 OUTSWING THRESHOLD
AFCO A-496

Documents Prepared By:
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P.E. No. 43409

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PRODUCT:
TAYLOR
STEEL DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
AND COMPONENTS

NO.	DATE	REVISIONS
8	7/03/26	UPDATE TO 9TH ED. (2026) FBC LFS
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DRAWING NO.: FL-14513.1

SHEET 7 OF 7