

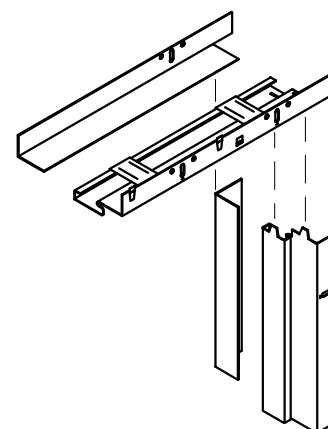


INSWING / OUTSWING
"IMPACT"

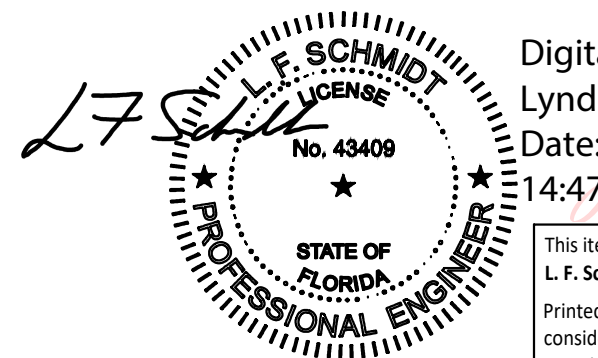
GENERAL NOTES

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. 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. 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 elevation, design pressures & general notes
2	Door panel details
3	Horizontal & vertical cross sections
4	Horizontal & vertical cross sections
5	Buck and frame anchoring
6	Steel frame details
7	Bill of materials and components



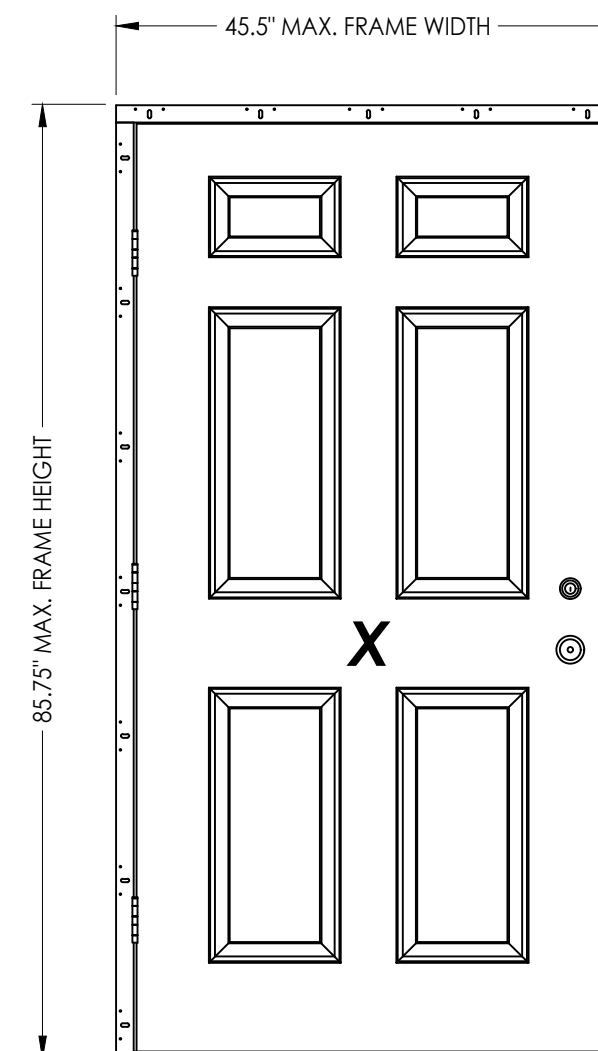
ADJUSTABLE FRAME



Digitally signed by
Lyndon F Schmidt
Date: 2025.12.15
14:47:31 -05'00'

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



OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
45.50" X 85.75"	+ 60.0	- 60.0

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
EBPE Registry No. 9813

PRODUCT:	TAYLOR STEEL DOOR
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS	
5	12/15/25	ADD DOOR PANEL OPTIONS	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/20/20	UPDATE TO 7TH ED. (2020)	FBC
			BY

DATE: 01/18/12

SCALE: *N.T.S.*

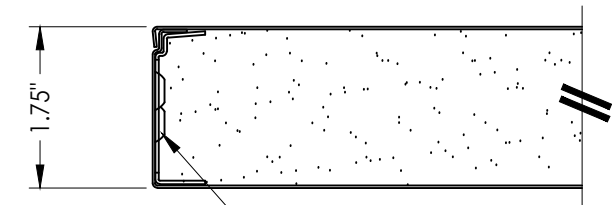
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CHK. BY: LFS

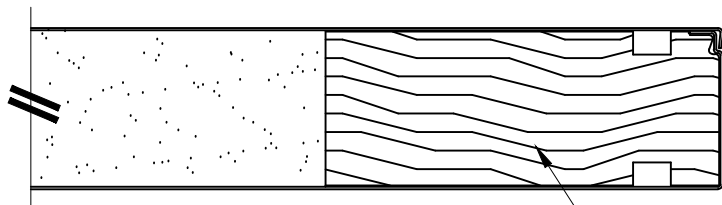
DRAWING NO.:
FL-14513.3

SHEET 1 OF 7

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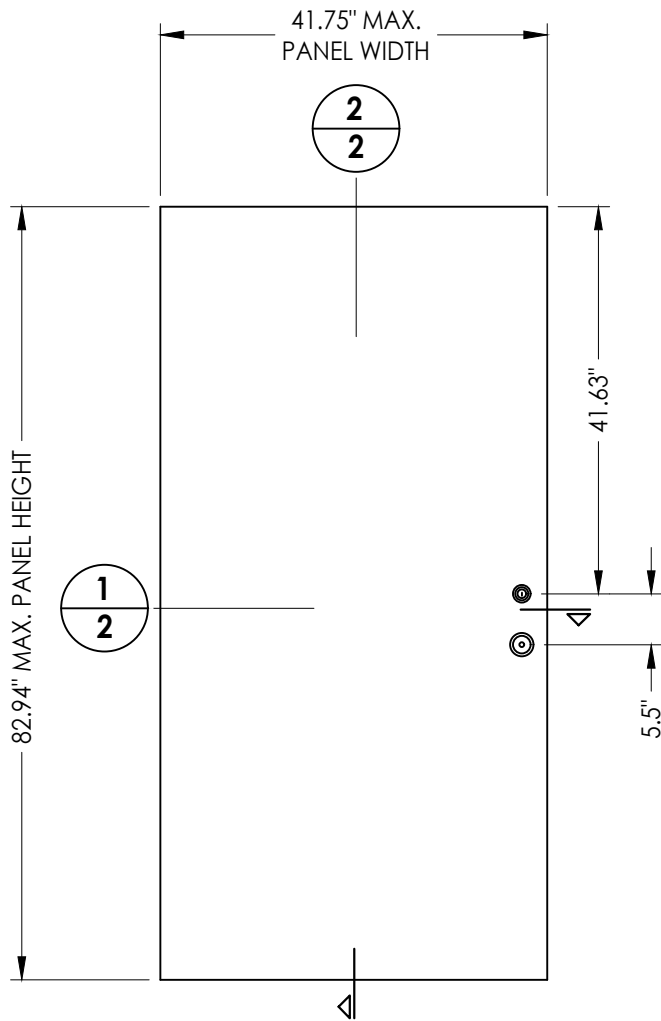


HINGE REINFORCEMENT
(18 GA. STEEL)

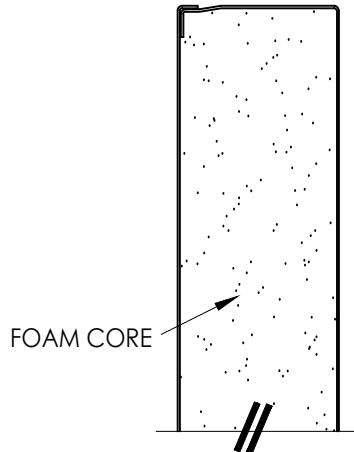


WOOD LOCK BLOCK
(16.5" LONG)

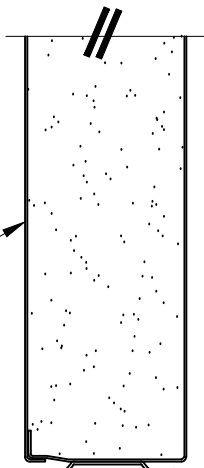
**1
2** HORIZONTAL CROSS SECTION



40 DOOR PANEL
Steel (Taylor)



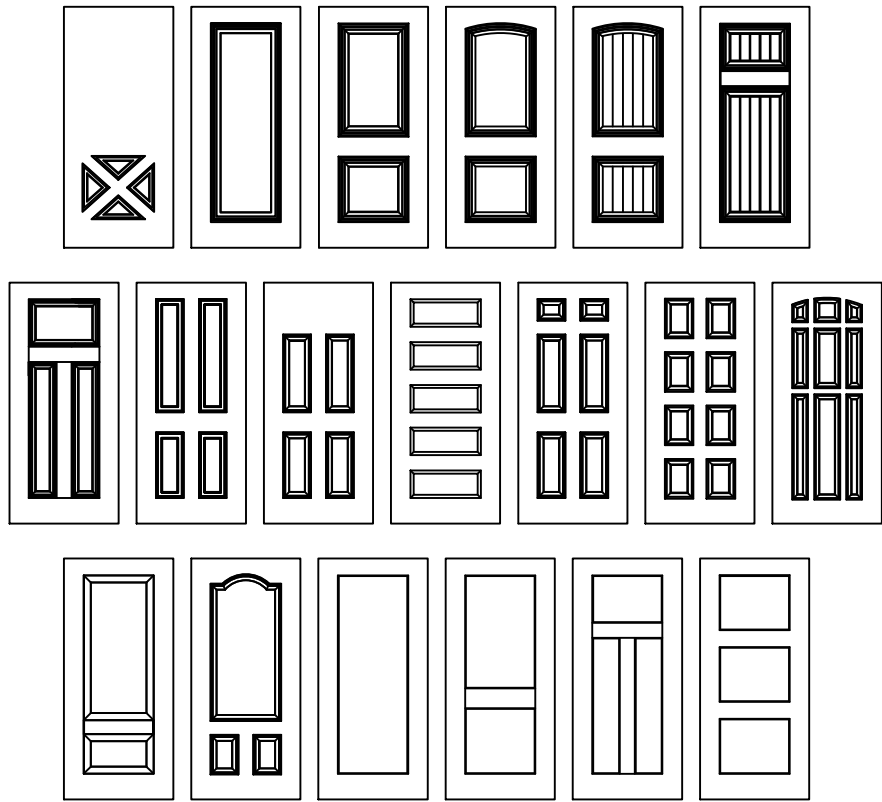
FOAM CORE



STEEL
DOOR SKIN

STEEL DOOR SWEEP
RETAINER

**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.

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

PRODUCT:

TAYLOR STEEL
DOOR

PART OR ASSEMBLY:

DOOR PANELS DETAILS

DATE: 01/18/12

SCALE: N.T.S.

DWG. BY: KV

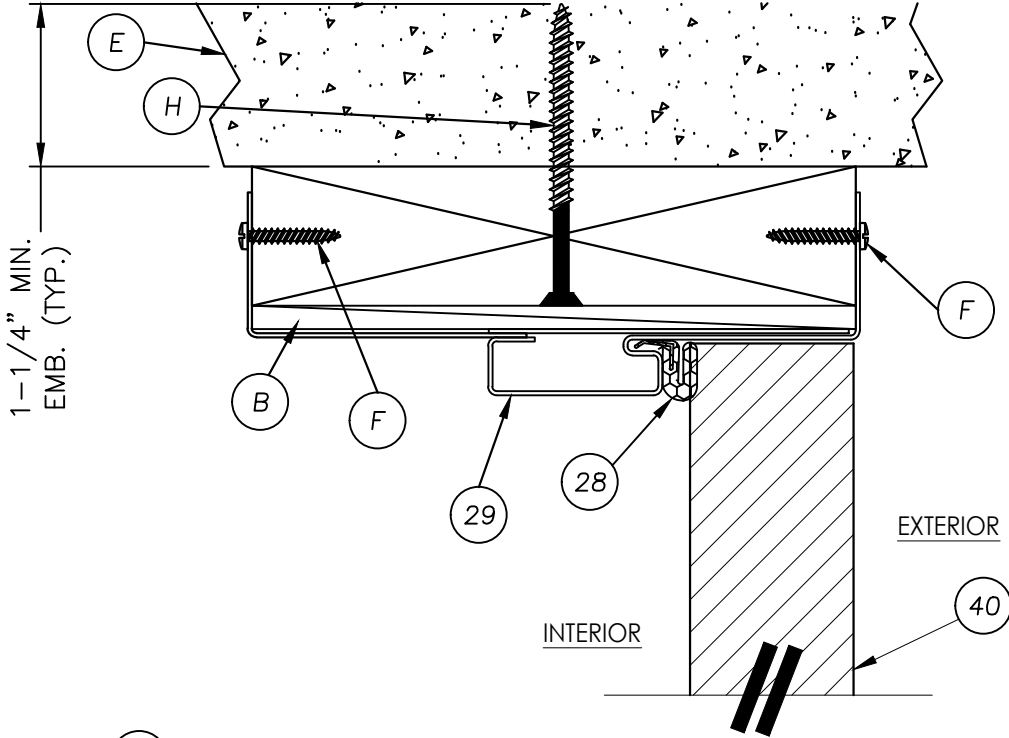
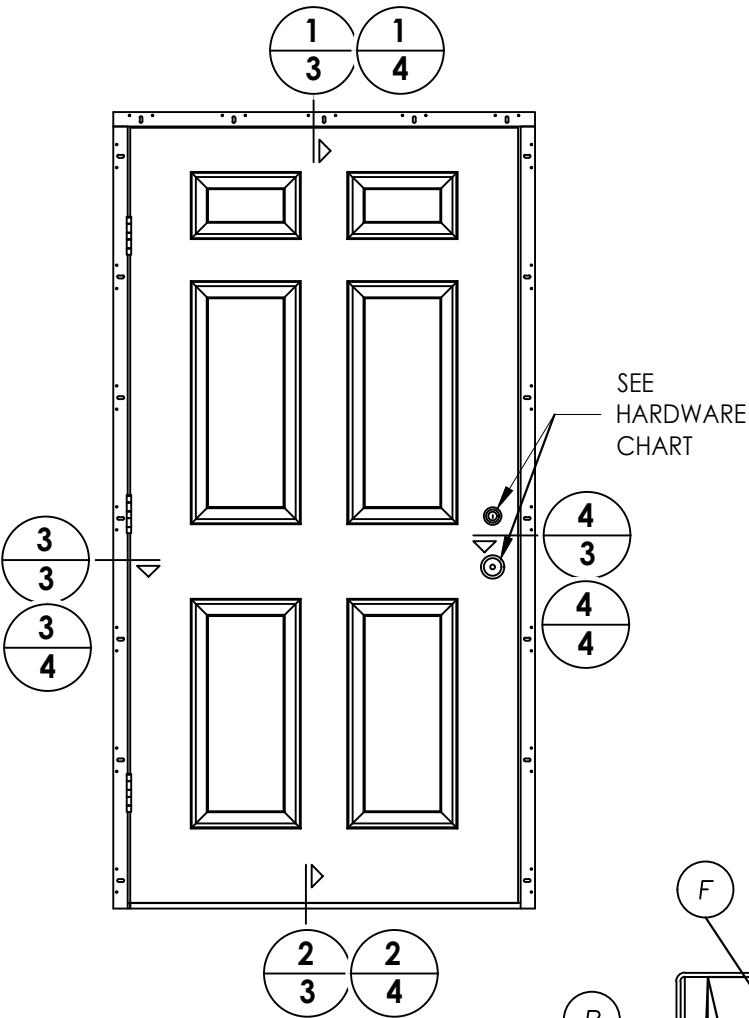
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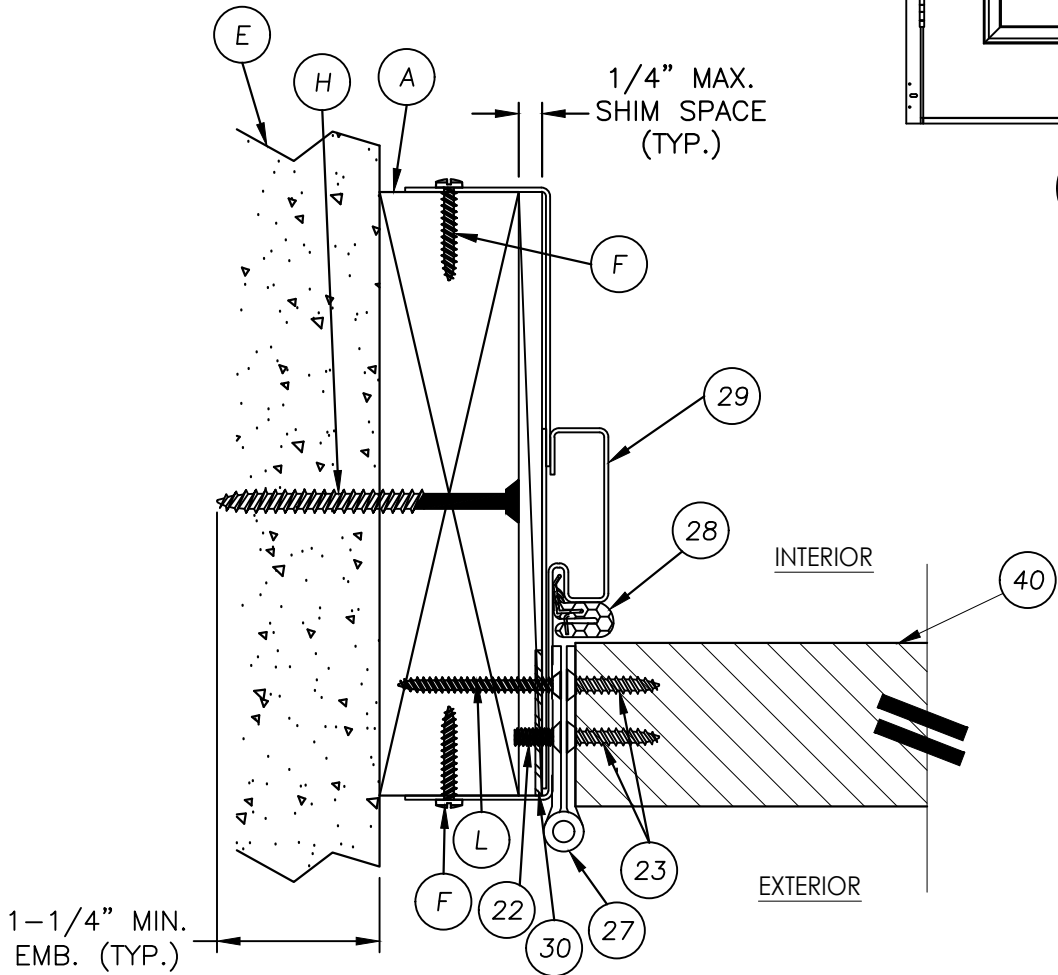
SHEET 2 OF 7

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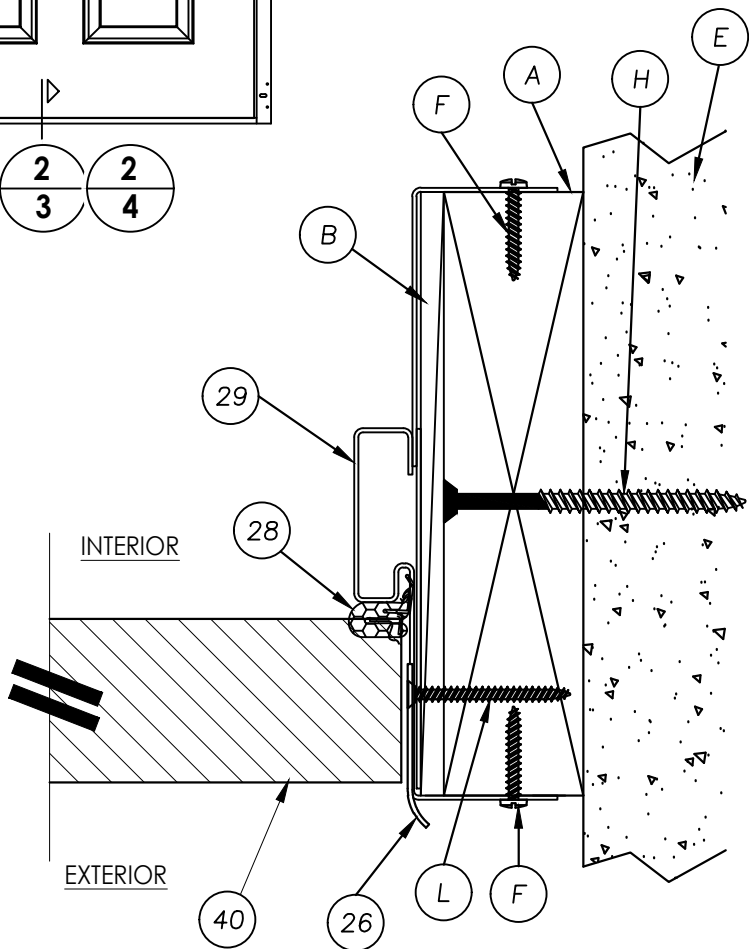
HARDWARE CHART		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	"F" SERIES
	DEADBOLT:	B60/62
SCHLAGE	LEVER:	"F" SERIES
	DEADBOLT:	B300



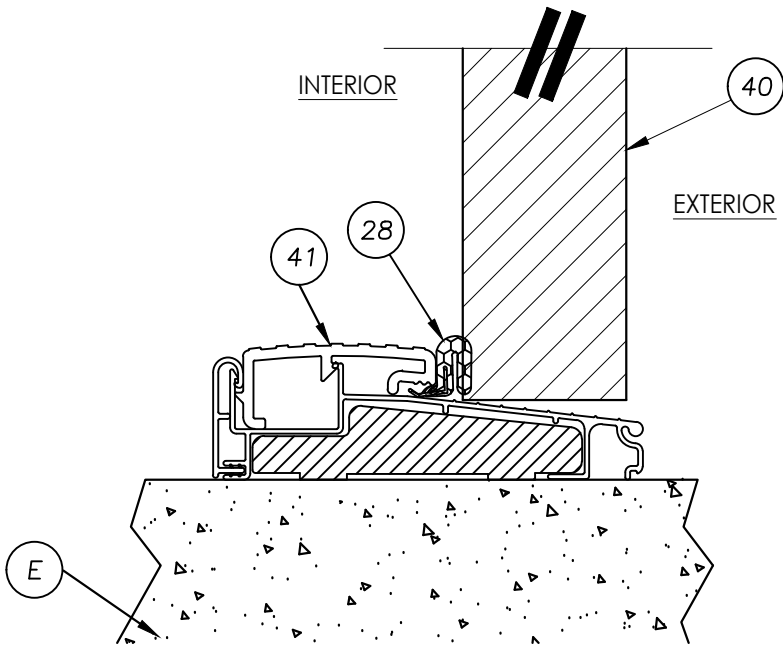
1
3 VERTICAL CROSS SECTION
2x Buck Construction



3
3 HORIZONTAL CROSS SECTION
2x Buck Construction



4
3 HORIZONTAL CROSS SECTION
2x Buck Construction



2
3 VERTICAL CROSS SECTION
2x Buck Construction
Outswing Threshold

Documents Prepared By:
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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 & VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
5	12/15/25	ADD DOOR PANEL OPTIONS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC
3	7/20/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 01/18/12

SCALE: N.T.S.

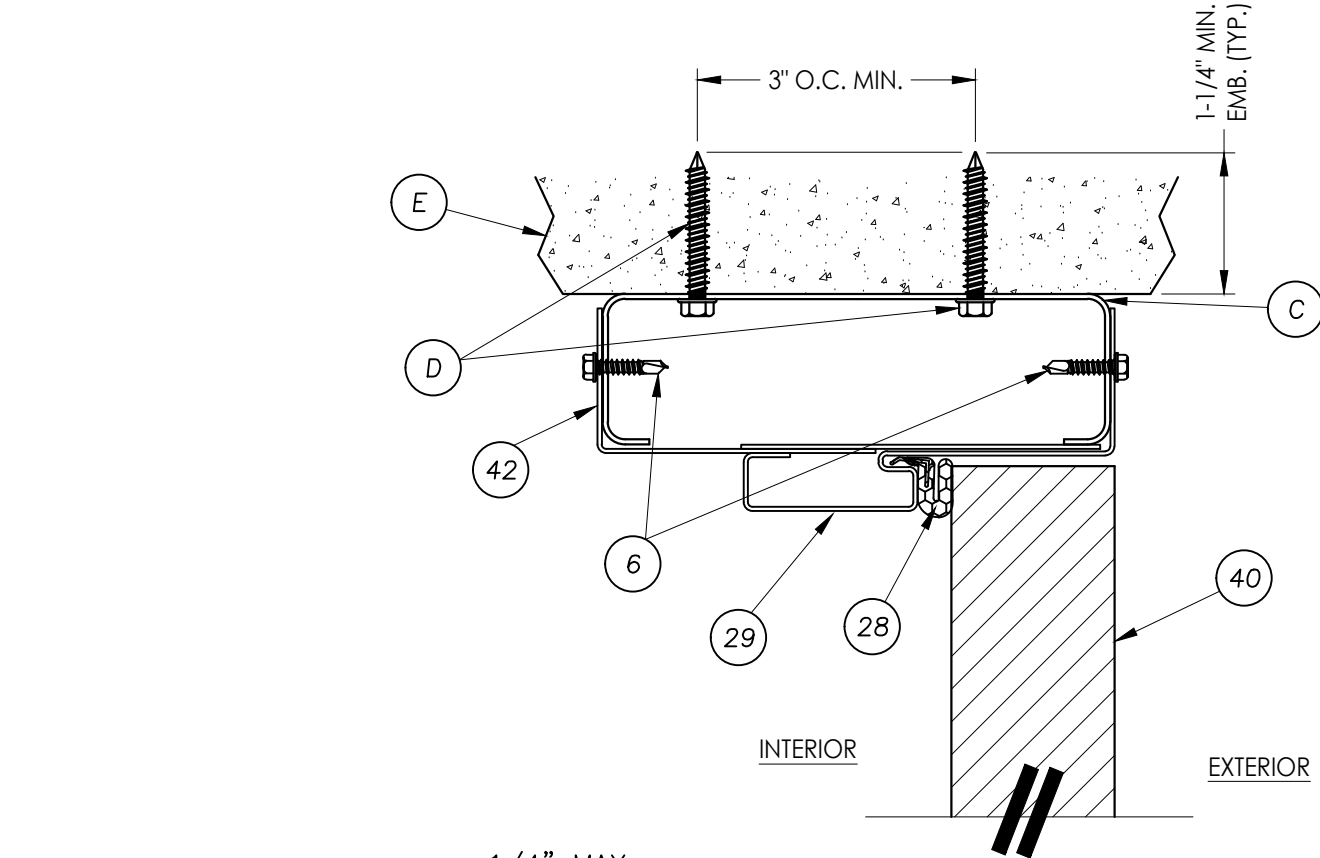
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CHK. BY: LFS

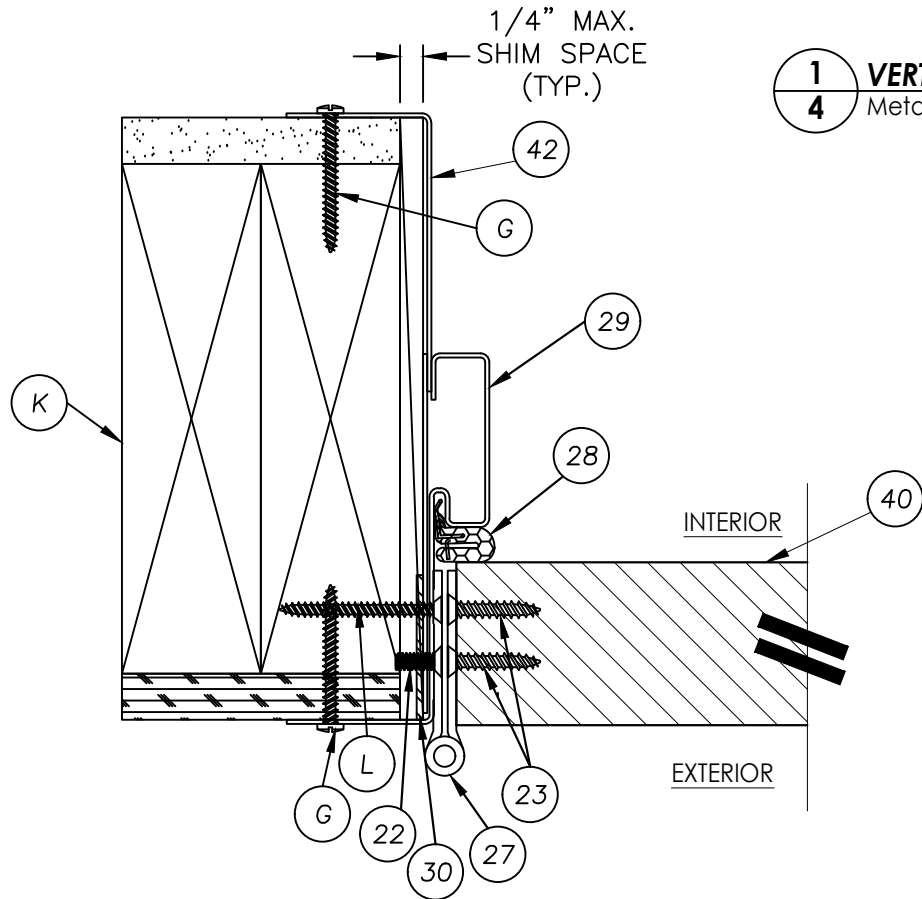
DRAWING NO.: FL-14513.3

SHEET 3 OF 7

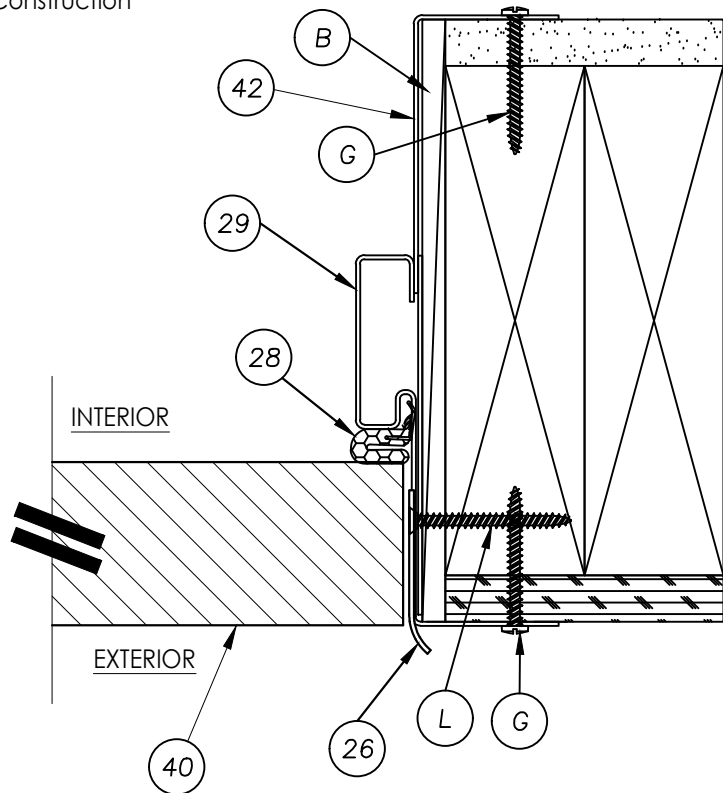
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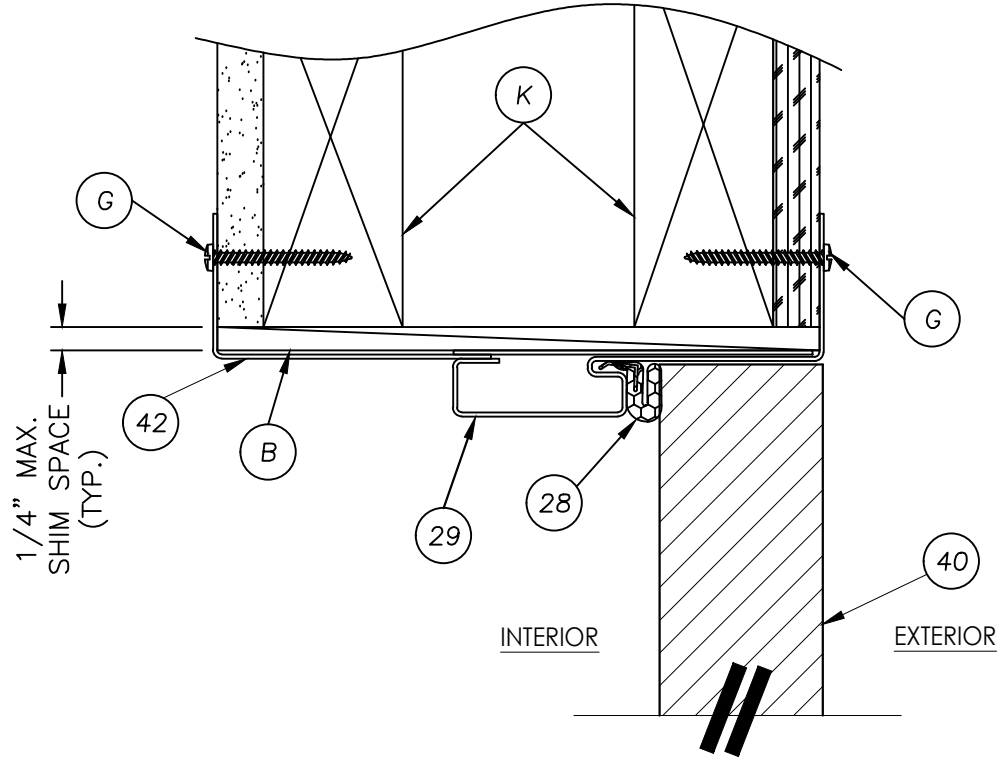
1
4 **VERTICAL CROSS SECTION**
Metal Stud Construction



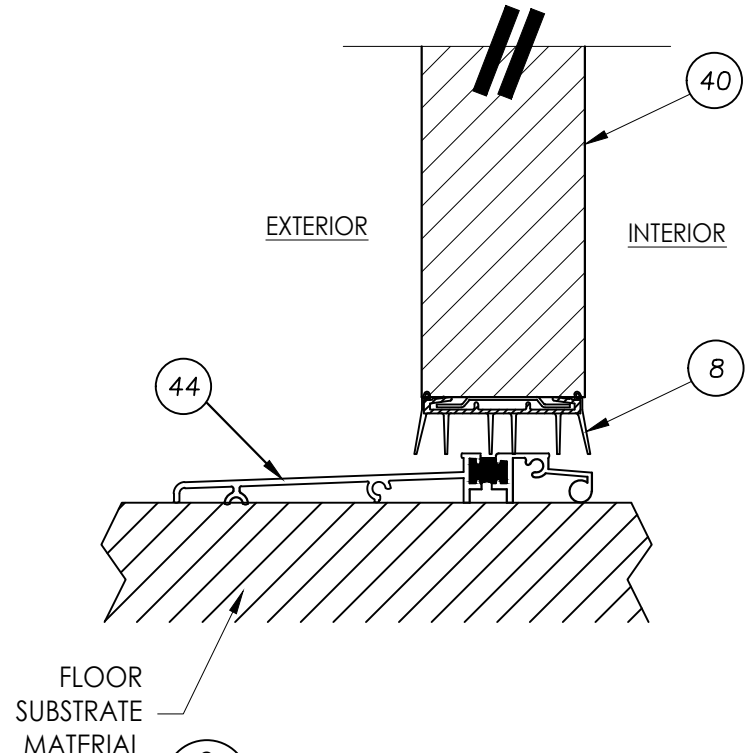
3
4 **HORIZONTAL CROSS SECTION**
2x Stud Construction



4
4 **HORIZONTAL CROSS SECTION**
2x Stud Construction



1
4 **VERTICAL CROSS SECTION**
2x Stud Construction



2
4 **VERTICAL CROSS SECTION**
2x Stud Construction
Inswing Threshold

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

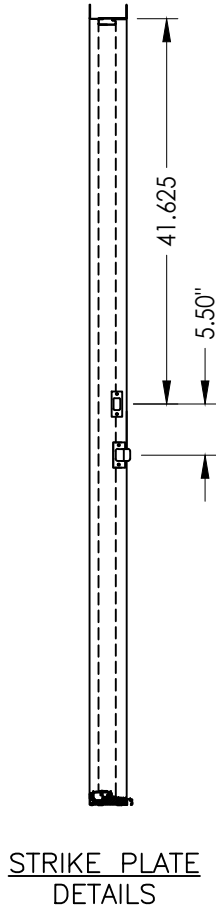
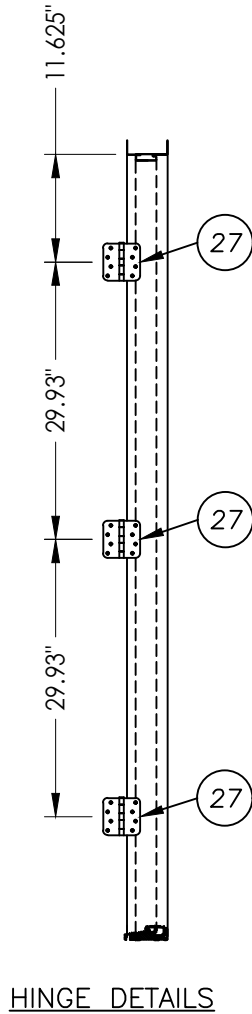
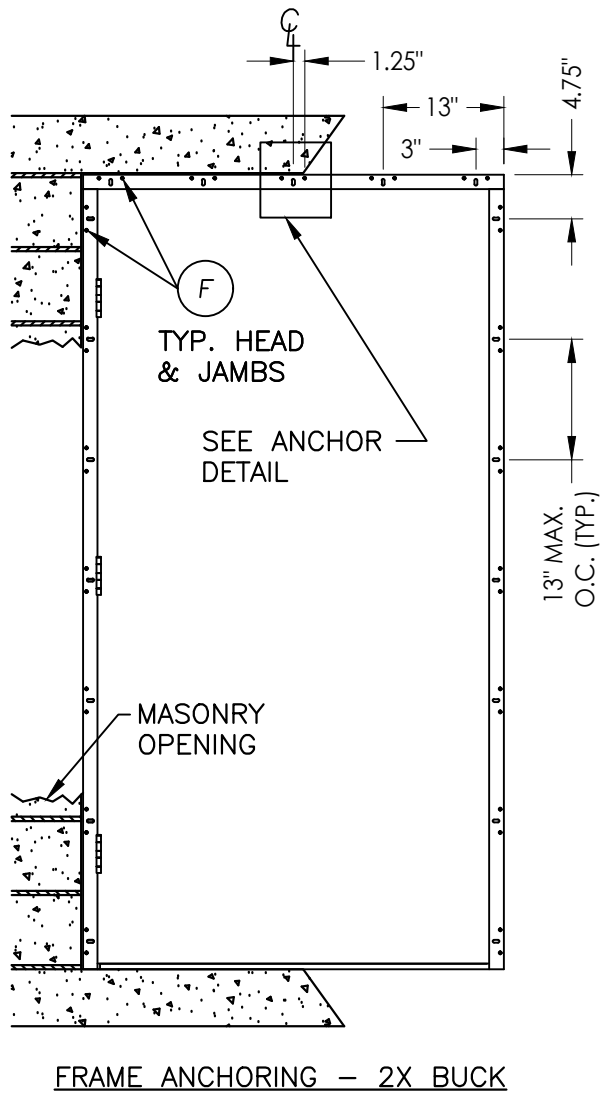
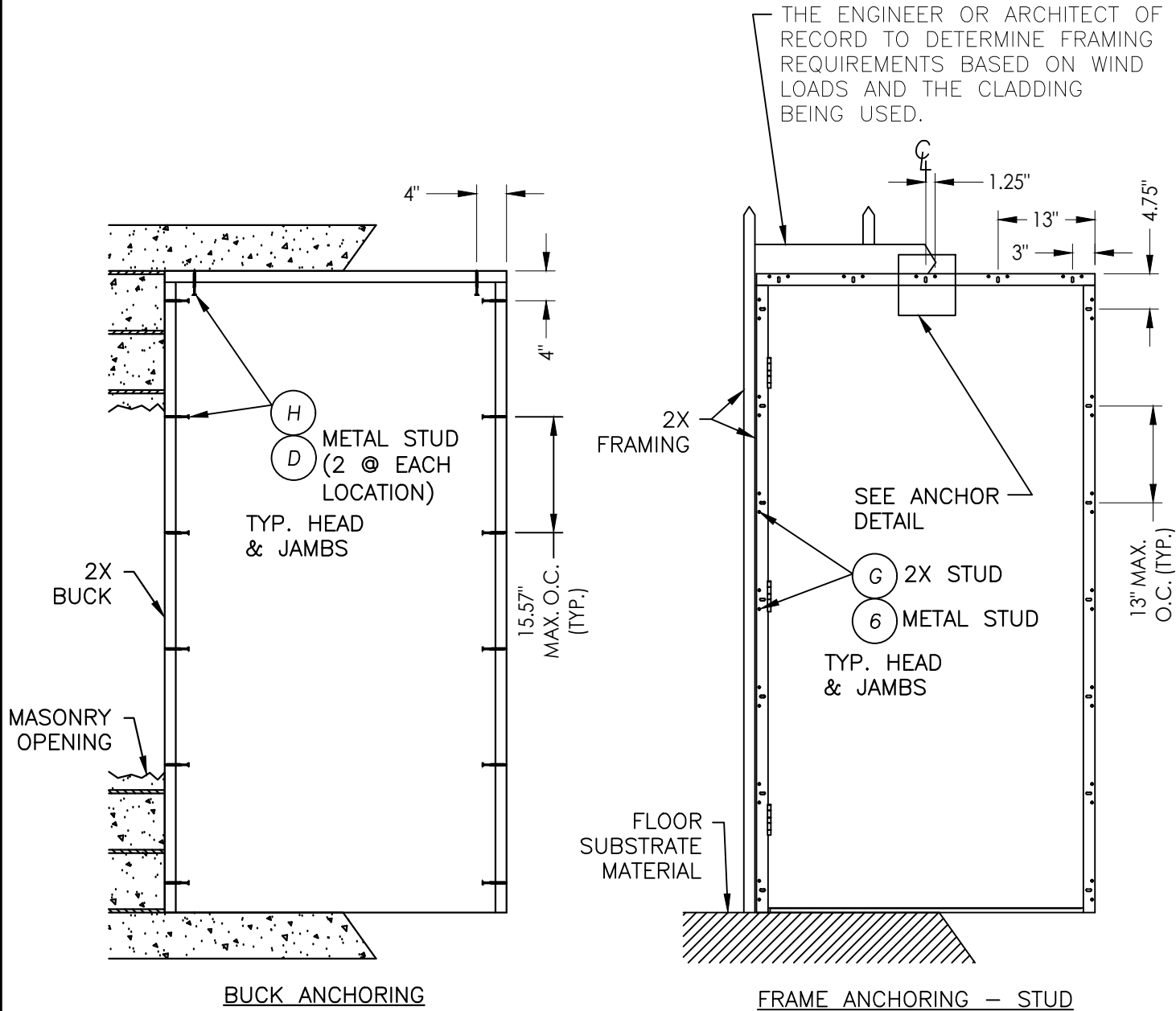
PRODUCT: TAYLOR STEEL
DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS

NO.	DATE	BY	REVISIONS
5	12/15/25	LFS	ADD DOOR PANEL OPTIONS
4	7/06/23	LFS	UPDATE TO 8TH ED. (2023) FBC
3	7/20/20	LFS	UPDATE TO 7TH ED. (2020) FBC

DATE: 01/18/12
SCALE: N.T.S.
DWG. BY: KV
CHK. BY: LFS
DRAWING NO.: FL-14513.3
SHEET 4 OF 7

Z:\2023 FBC Drawings\Taylor Entrance Systems\FL-14513 R5\FL-14513.3.dwg



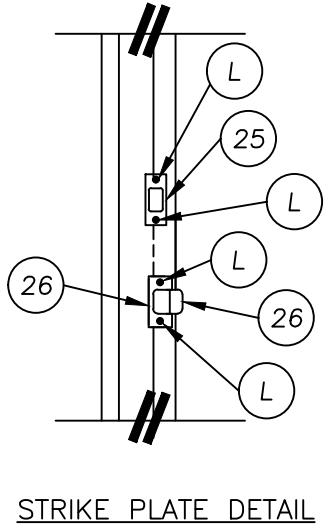
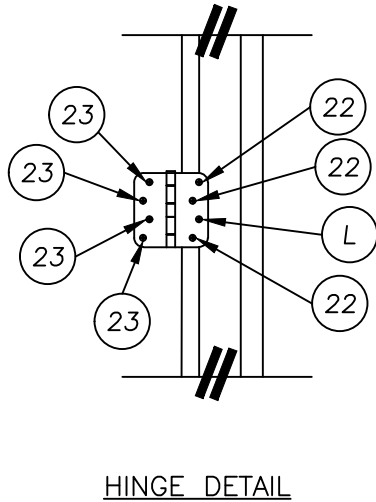
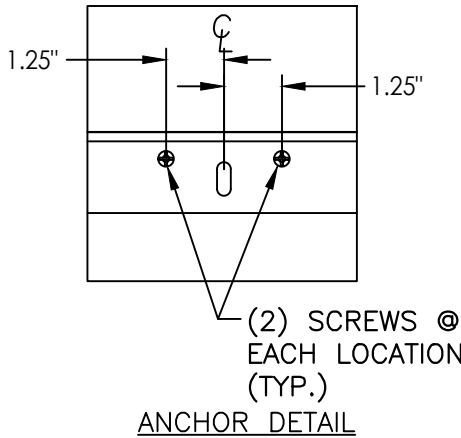
CONCRETE ANCHOR NOTES:

- 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.



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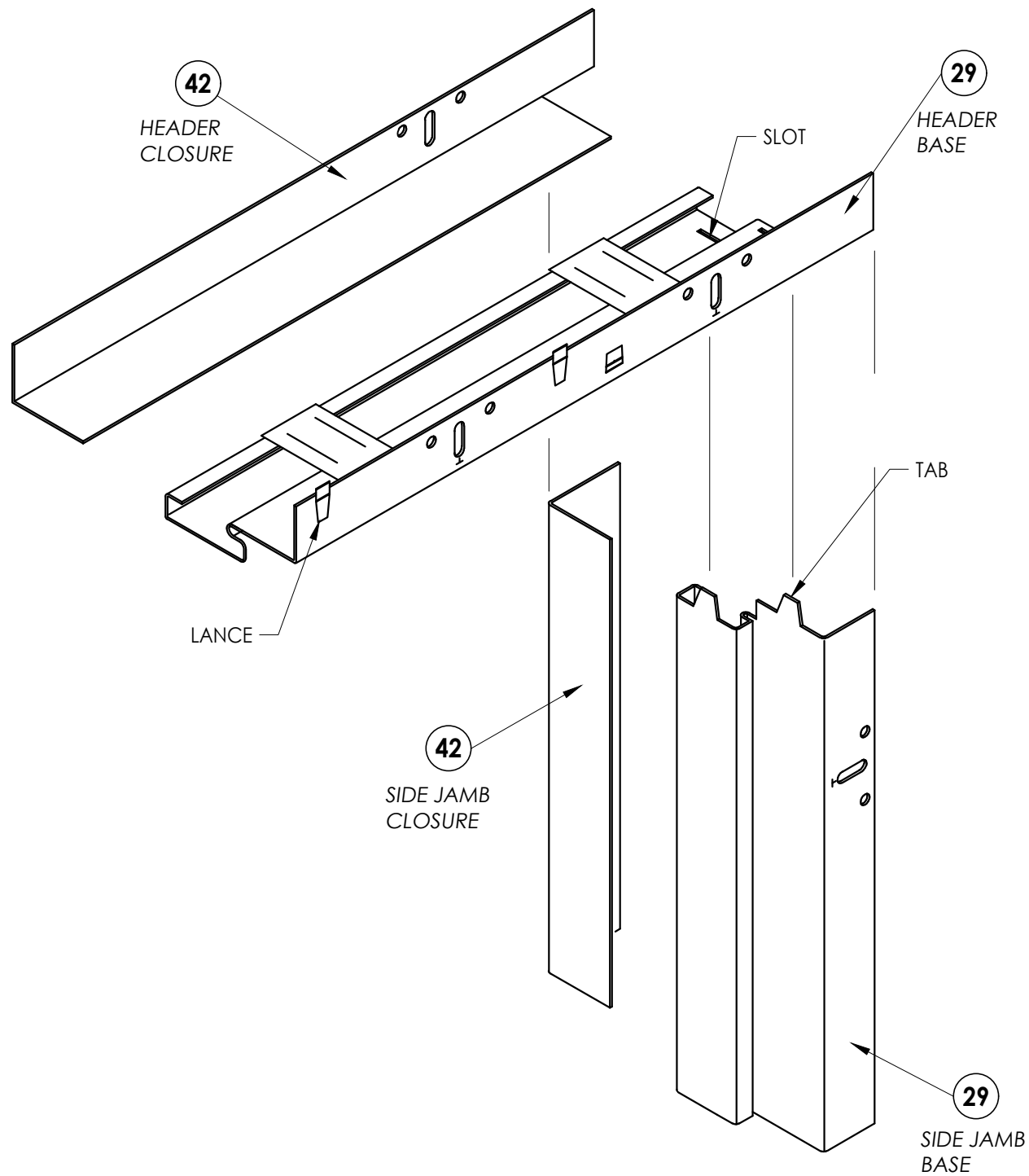
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TAYLOR STEEL DOOR
PART OR ASSEMBLY: BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
5	12/15/25	ADD DOOR PANEL OPTIONS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	7/20/20	UPDATE TO 7TH ED. (2020) FBC LFS

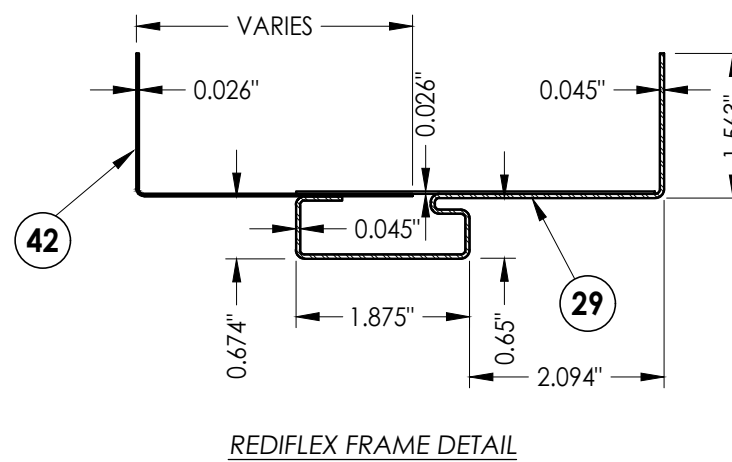
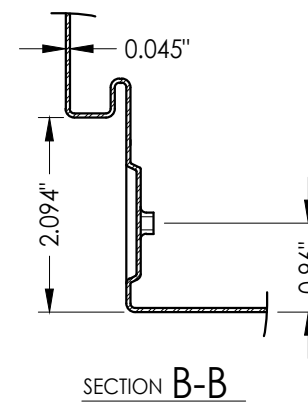
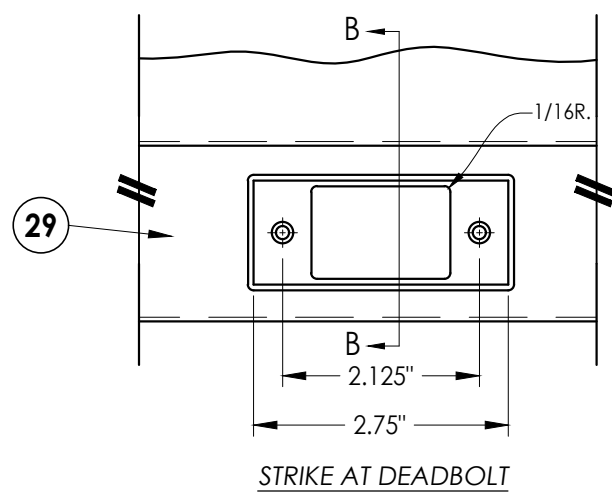
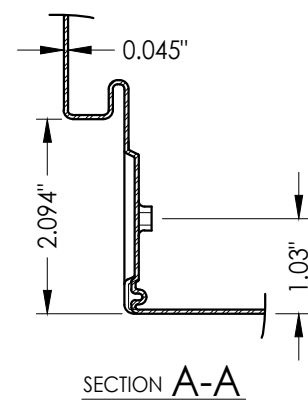
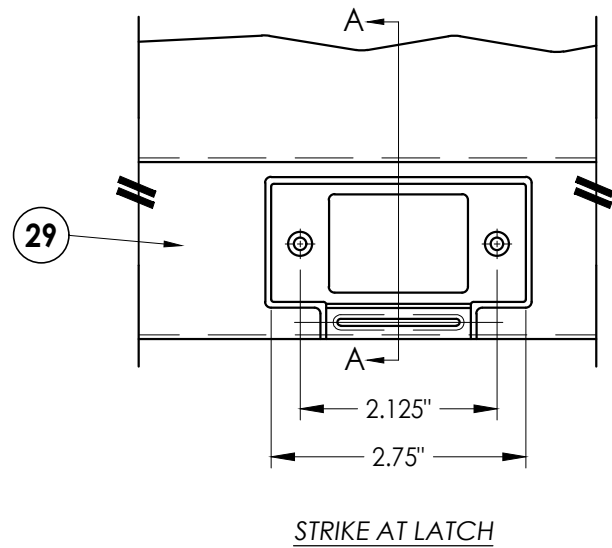
DATE: 01/18/12
SCALE: N.T.S.
DWG. BY: KV
CHK. BY: LFS
DRAWING NO.: FL-14513.3
SHEET 5 OF 7

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NOTES:

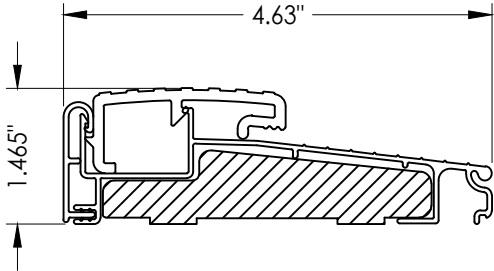
1. HEADER AND SIDE BASE JAMB (29) MINIMUM 18 GA. GALV. STEEL.
2. HEADER AND SIDE CLOSURE JAMB (42) MINIMUM 22 GA. GALV. STEEL.
3. FRAME SHOWN WITHOUT OPTIONAL STEEL TRIM CASING.
4. NON-KERF FRAME DO NOT MEET AIR AND WATER CRITERIA.



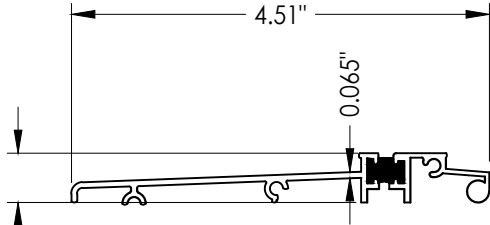
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: TAYLOR STEEL DOOR		PART OR ASSEMBLY: STEEL FRAME DETAILS	
		LFS	BY
5	12/15/25	ADD DOOR PANEL OPTIONS	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
3	7/20/20	UPDATE TO 7TH ED. (2020)	FBC
NO.	DATE		
REVISIONS			
DATE: 01/18/12			
SCALE: N.T.S.			
DWG. BY: KV			
CHK. BY: LFS			
DRAWING NO.: FL-14513.3			
SHEET 6 OF 7			

Z:\2023 FBC Drawings\Taylor Entrance Systems\FL-14513 R5\FL-14513.3.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X BUCK (G >= 0.55)	WOOD
B	1/4" MAX. SHIM SPACE	WOOD
C	METAL STUD (SSMA STUD 550S162-54, Fy = 33 ksi, Fu = 45 ksi)	STEEL
D	3/16" X 1-3/4" HWH ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 1" PPH SCREW (0.85" MIN. EMBEDMENT)	STEEL
G	#8 X 1-1/2" PPH SCREW (0.85" MIN. EMBEDMENT)	STEEL
H	1/4" X 2-3/4" ELCO OR ITW PFH CONCRETE SCREW	STEEL
K	2X FRAMING (G >= 0.55)	WOOD
L	#8 X 1-3/4" PFH SCREW	STEEL
6	#10 X 3/4" HWH SELF-DRILLING TEK SCREW	STEEL
8	DOOR SWEEP	VINYL
22	#10 X 1/2" THREAD-CUTTING MACHINE SCREW	STEEL
23	#10 X 1" PFH SMS	STEEL
25	DEADBOLT STRIKE PLATE	STEEL
26	LATCH STRIKE PLATE COVERING & BACKING PLATE	STEEL
27	HINGE	STEEL
28	WEATHERSTRIP	FOAM
29	REDIFLEX JAMB BASE 18 GA. MIN. (.045" GALV. STEEL) BY DUNBARTON	GALV./STEEL
30	HINGE REINFORCENT 0.070" THK.	GALV./STEEL
40	TAYLOR STEEL DOOR - SEE DOOR PANEL DETAILS	-
41	OUTSWING THRESHOLD	ALUM./WOOD
42	REDIFLEX JAMB CLOSURE 22 GA. MIN. (.026" GALV. STEEL) BY DUNBARTON	GALV./STEEL
44	INSWING THRESHOLD	ALUMINUM



41 OUTSWING THRESHOLD



44 ADA LOW PROFILE
Inswing Threshold

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: TAYLOR STEEL DOOR		PART OR ASSEMBLY: BILL OF MATERIALS AND COMPONENTS	
5	12/15/25	ADD DOOR PANEL OPTIONS	LFS
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC LFS
3	7/20/20	UPDATE TO 7TH ED. (2020)	FBC LFS
NO.	DATE		BY
REVISIONS			
DATE: 01/18/12			
SCALE: N.T.S.			
DWG. BY: KV			
CHK. BY: LFS			
DRAWING NO.: FL-14513.3			
SHEET 7 OF 7			