



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

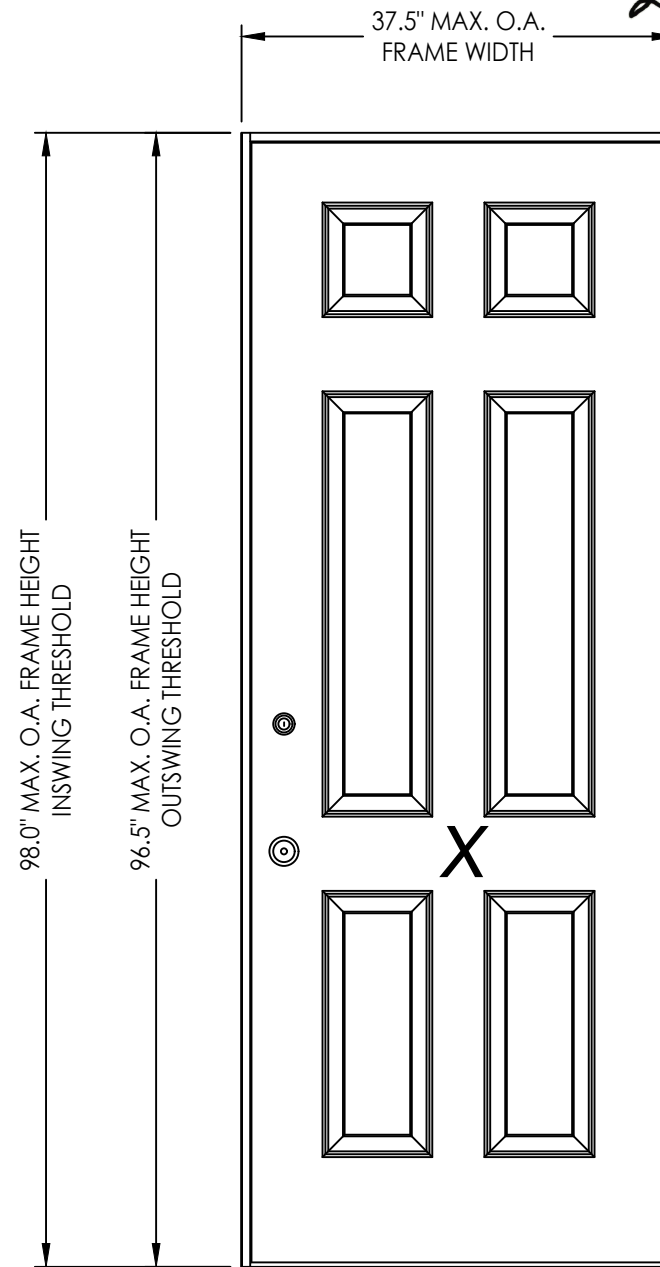
STEEL EDGE OPAQUE SINGLE DOOR INSWING / OUTSWING "IMPACT"

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 FBC and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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 E 1996.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations using coastal outswing item #31 meet water infiltration requirements for "HVHZ".
8. Inswing configurations and outswing configurations when using item #41 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.
9. When used in the "HVHZ", steel must be protected as specified in FBC Section 2222.6.

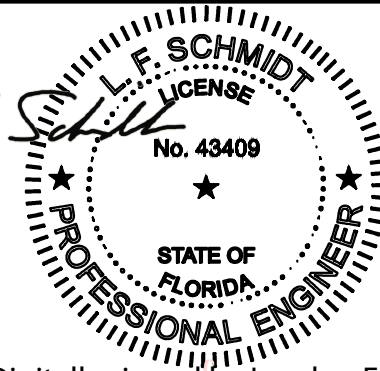
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6	Frame anchoring 1X buck masonry construction
7	Bill of Materials and components



OPAQUE SINGLE DOOR

SWING	OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
INSWING	37.5" x 98.0"	+50.0	-50.0
OUTSWING	37.75" x 96.5"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.22 09:47:19 -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
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must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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

PRODUCT: TAYLOR DOORS
STEEL EDGE DOOR

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

NO.	DATE	REVISIONS
6	7/03/26	UPDATE TO 9TH ED. (2026) FBC
5	7/06/23	UPDATE TO 8TH ED. (2023) FBC
4	7/16/20	UPDATE TO 7th ED (2020) FBC
3	7/20/17	UPDATE TO 6TH ED. (2017) FBC
2	3/9/15	UPDATE TO 5TH ED. (2014) FBC
1	1/10/12	UPDATE TO 2010 FBC

DATE: 06/04/07

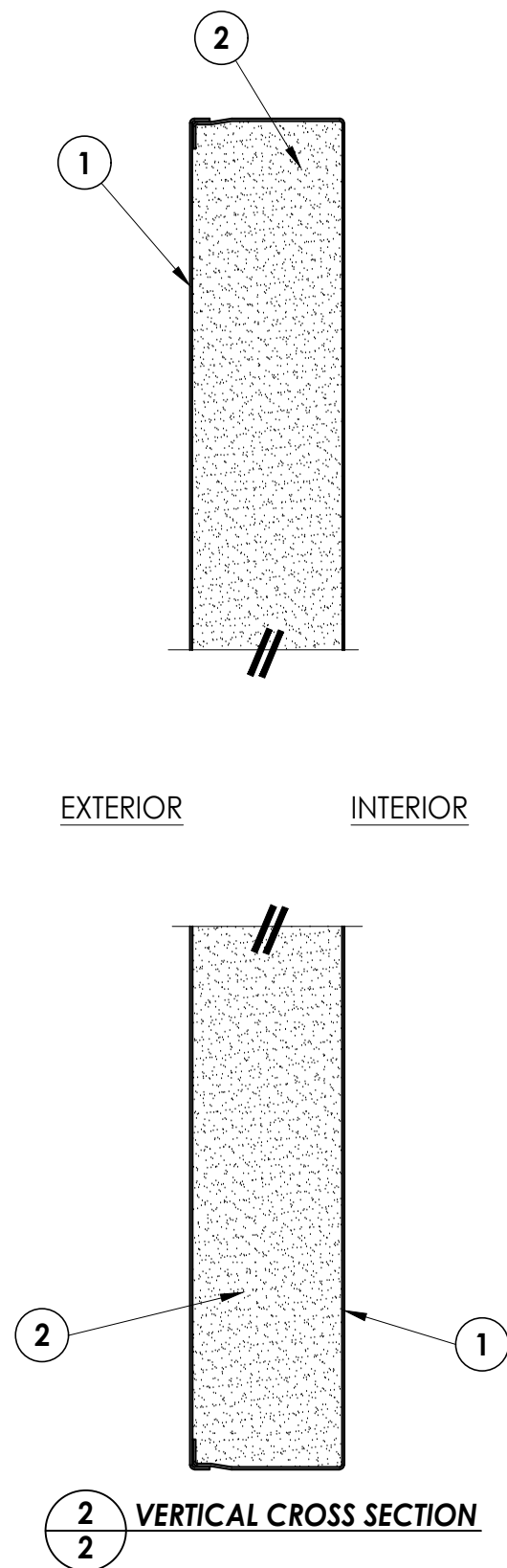
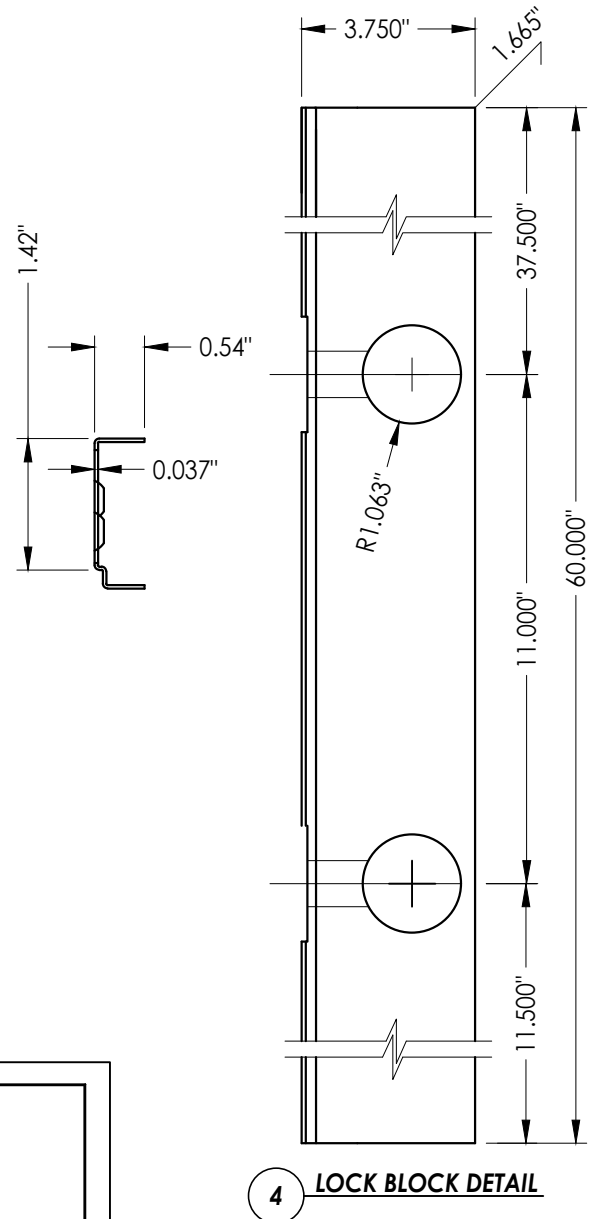
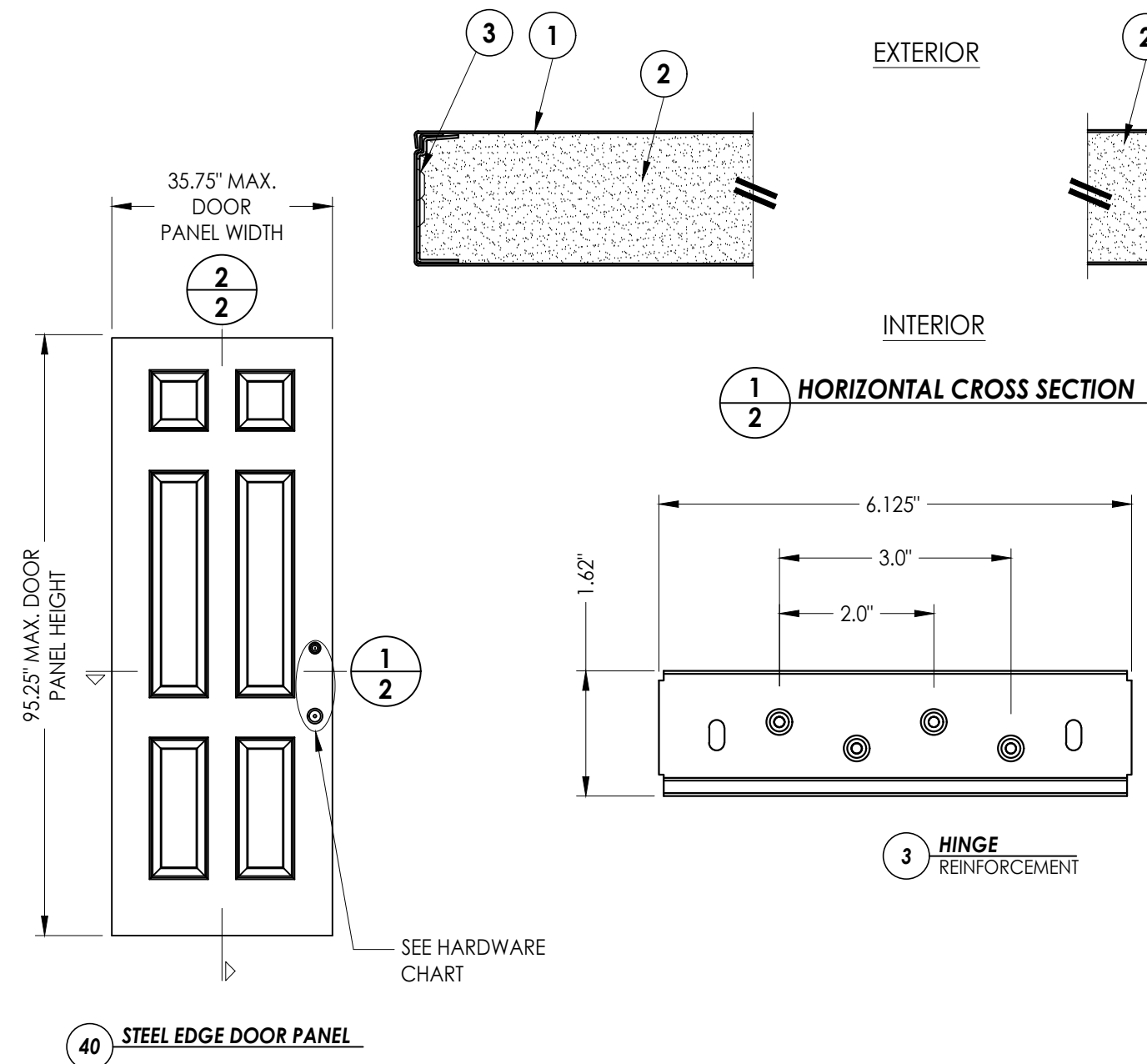
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DWG. BY: TL

CHK. BY: LFS

DRAWING NO.:
FL-8845.16

SHEET 1 OF 7



HARDWARE CHART		
MANUFACTURER	MODEL	
YALE	KNOB: NEW TRADITIONS DEADBOLT: NEW TRADITIONS (800 SERIES)	
SCHLAGE	KNOB/LEVER: "F" SERIES DEADBOLT: B60/62	
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)	

SMOOTH STEEL DOOR EMBOSSMENT OPTIONS

6	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	7/16/20	UPDATE TO 7th ED (2020)	FBC	LFS
3	7/20/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	3/9/15	UPDATE TO 5TH ED. (2014)	FBC	JK
1	1/10/12	UPDATE TO 2010 FBC		KV
NO.	DATE			BY
				REVISIONS

DATE: 06/04/07

SCALE: N.T.S.

DWG. BY: TL

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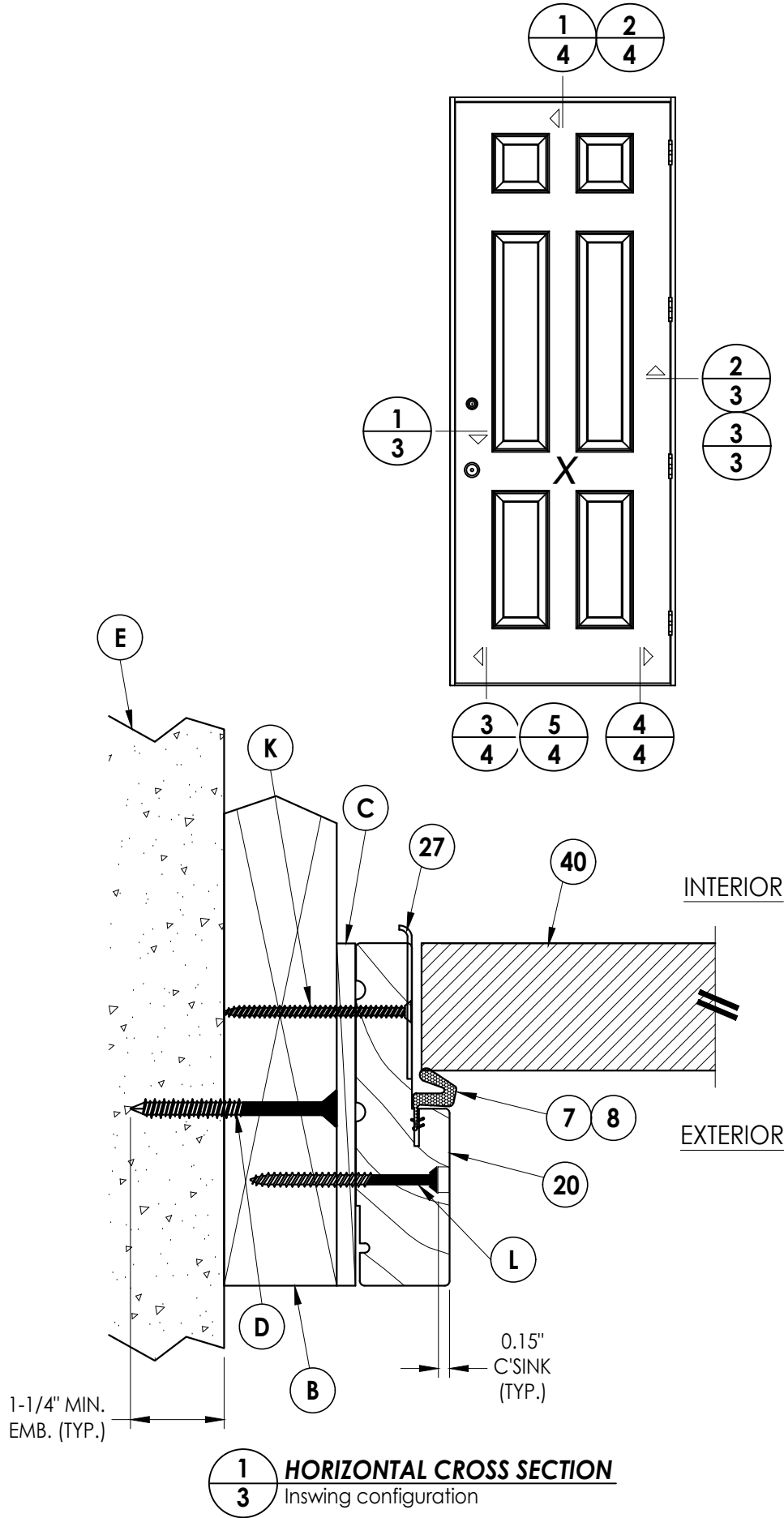
SHEET 2 OF 7

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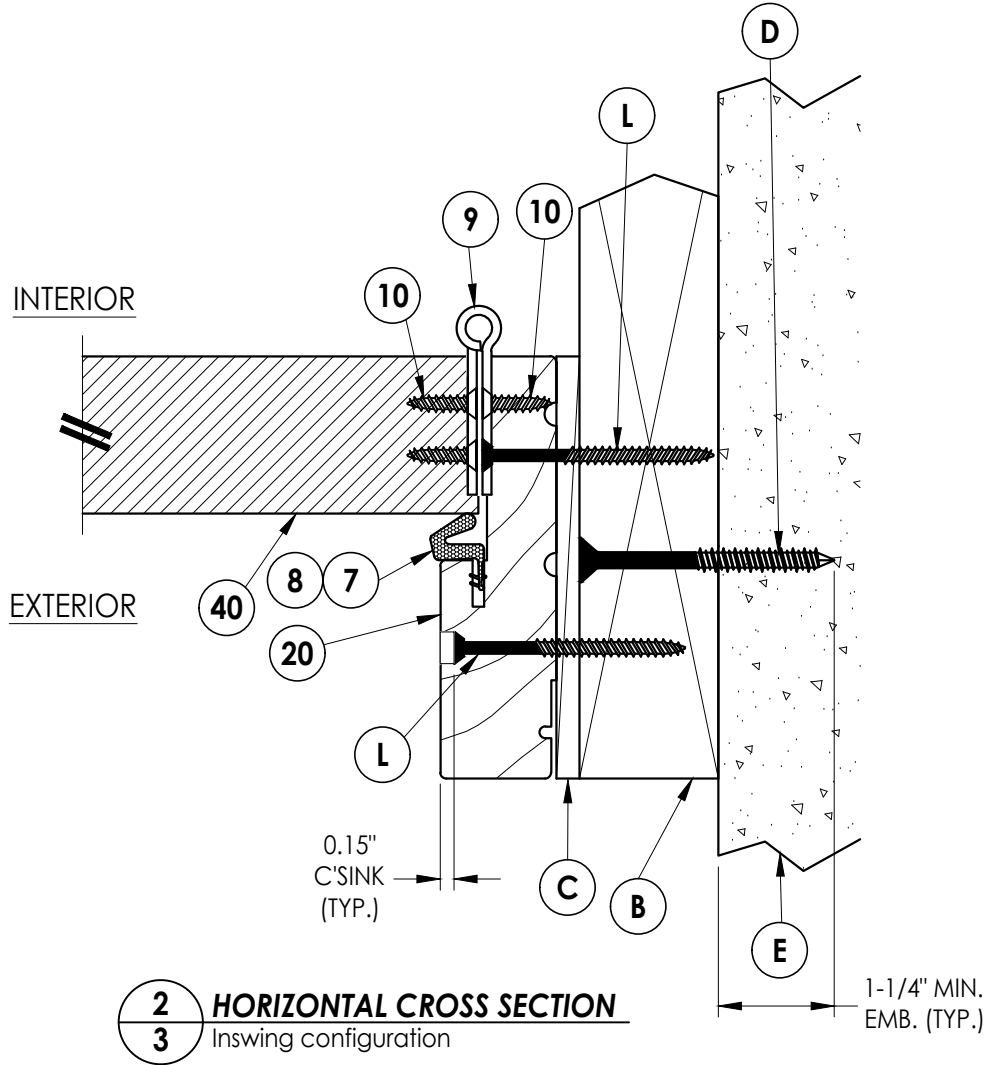
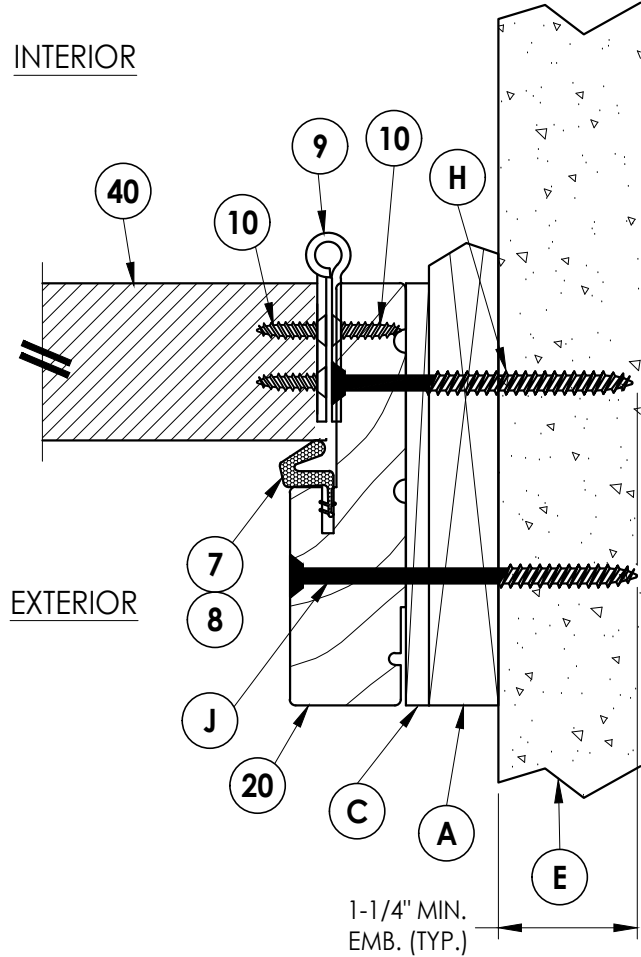
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Phone No.: 813.659.9197
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PART OR ASSEMBLY:
DOOR PANEL DETAILS,
COMPONENTS, & HARDWARE CHART

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3 HORIZONTAL CROSS SECTION
Shown w/1X sub-buck



2 HORIZONTAL CROSS SECTION
Inswing configuration

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FBPE Registry No. 9813

PRODUCT:
TAYLOR DOORS
STEEL EDGE DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

LFS	FBC	(2026)	UPDATE TO 9TH ED.	6
LFS	FBC	(2023)	UPDATE TO 8TH ED.	5
LFS	FBC	(2020)	UPDATE TO 7TH ED.	4
JK	FBC	(2017)	UPDATE TO 6TH ED.	3
JK	FBC	(2014)	UPDATE TO 5TH ED.	2
KV	FBC	(2010)	UPDATE TO 2010 FBC	1
BY	DATE	NO.	REVISIONS	

DATE: 06/04/07

SCALE: N.T.S.

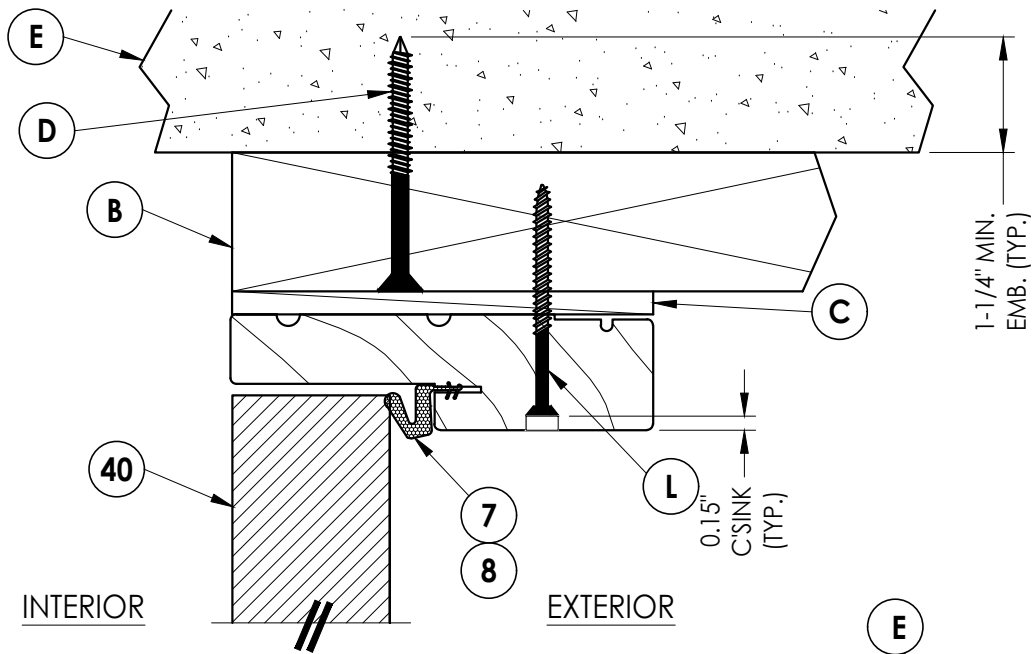
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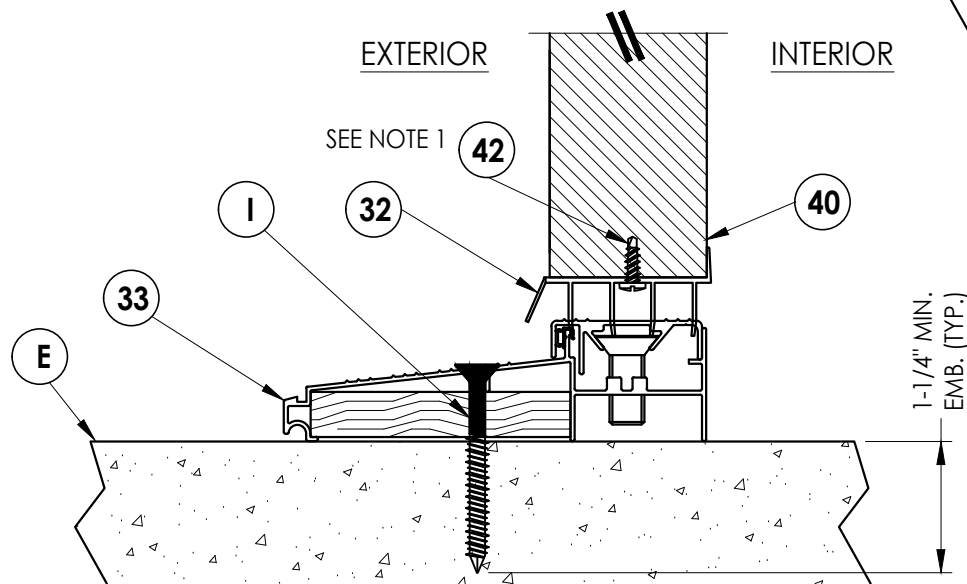
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SHEET 3 OF 7

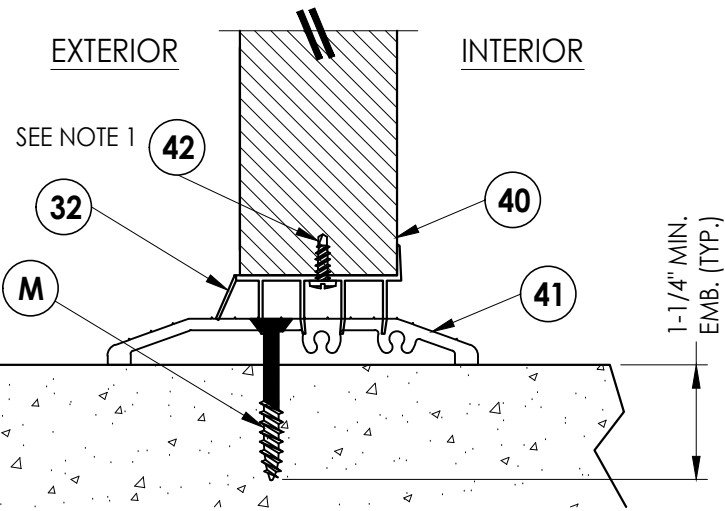
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1
4 VERTICAL CROSS SECTION

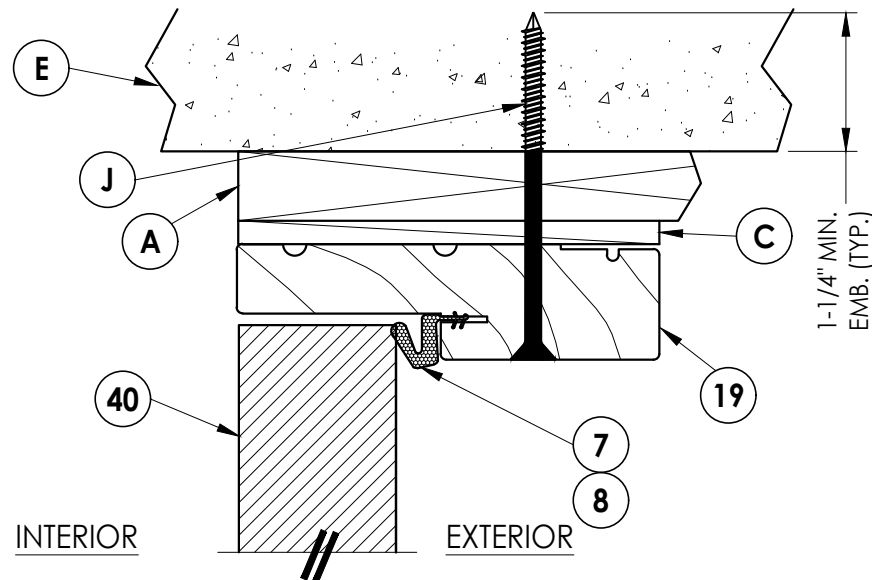


3
4 VERTICAL CROSS SECTION
Inswing configuration
see general notes, sheet 1
for "HVHZ" water infiltration
requirements

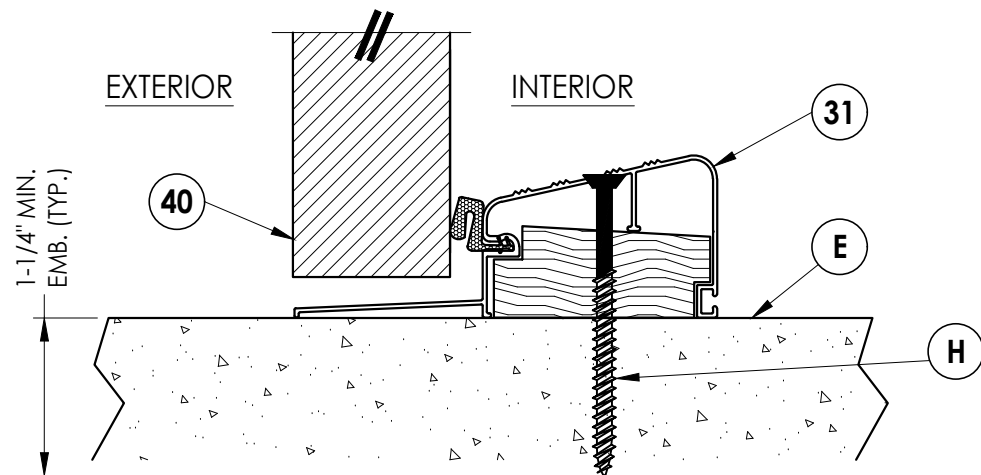


5
4 VERTICAL CROSS SECTION
Inswing configuration
see general notes, sheet 1
for "HVHZ" water infiltration
requirements

NOTE:
1. Item #42 located 2" from each
end plus 2 more equally spaced.



2
4 VERTICAL CROSS SECTION
Shown w/1X sub-buck



4
4 VERTICAL CROSS SECTION
Outswing configuration
see general notes, sheet 1
for "HVHZ" water infiltration
requirements

Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
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FBPE Registry No. 9813

PRODUCT:
TAYLOR DOORS
STEEL EDGE DOOR

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS					
		BY	KV	JK	JK	LFS	LFS
6	7/03/26	UPDATE TO 9TH ED. (2026)	FBC				
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC				
4	7/16/20	UPDATE TO 7th ED (2020)	FBC				
3	7/20/17	UPDATE TO 6TH ED. (2017)	FBC				
2	3/9/15	UPDATE TO 5TH ED. (2014)	FBC				
1	1/10/12	UPDATE TO 2010 FBC					

DATE: 06/04/07

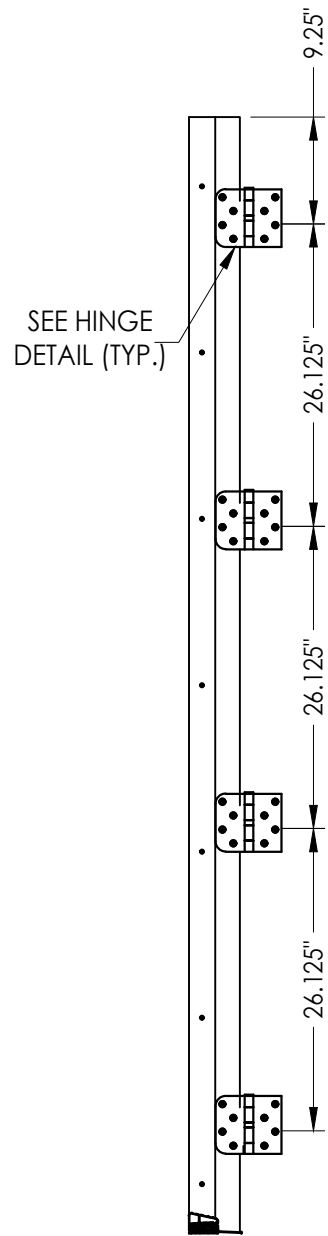
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SHEET 4 OF 7



HINGE JAMB

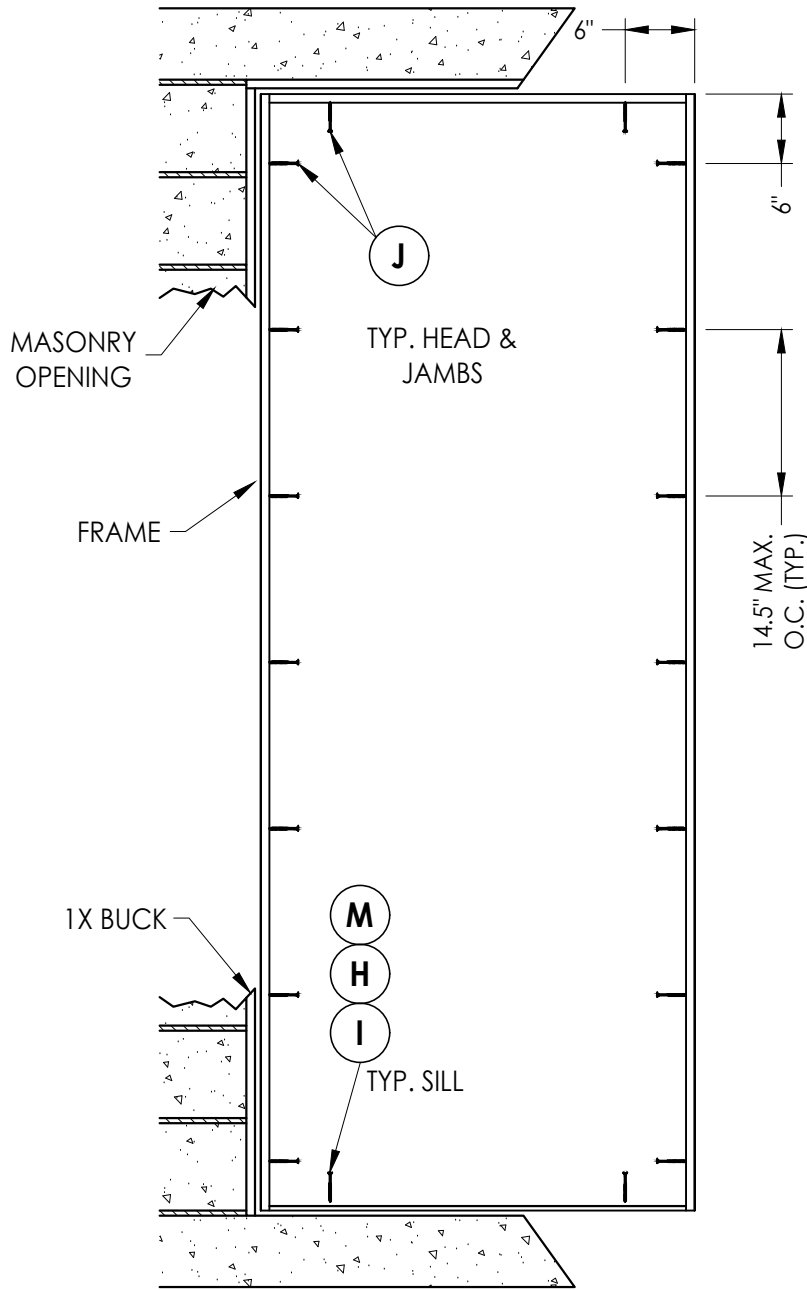
CONCRETE ANCHOR NOTES:

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"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

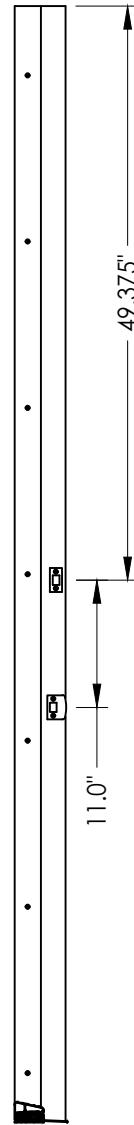
WOOD SCREW INSTALLATION NOTES:

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

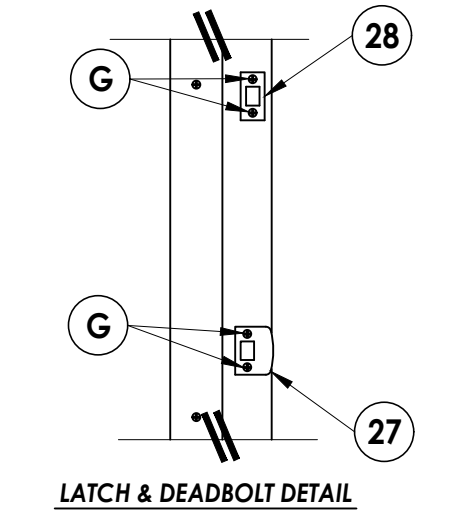


FRAME ANCHORING

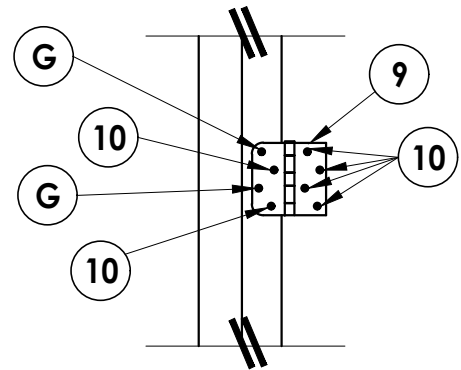
Masonry 1X buck construction



STRIKE JAMB



HINGE DETAIL 1



6	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
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1	1/10/12	UPDATE TO 2010 FBC		KV
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				REVISIONS

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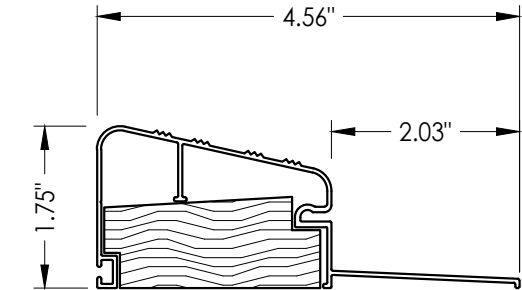
RAM
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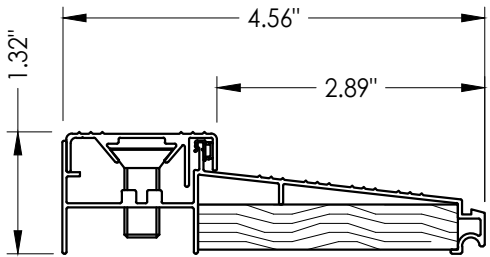
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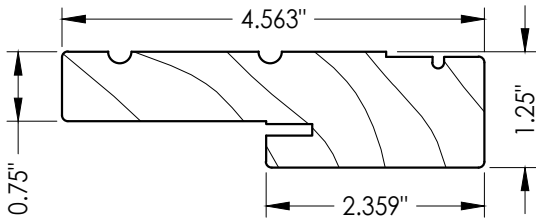
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	MAX. 1/4" SHIM SPACE	WOOD
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
K	#8 X 2-1/2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	1/4" X 1-3/4" PFH ITW CONCRETE SCREW	STEEL
1	DOOR SKIN (0.022" THK. STEEL, Fy = 35,300 PSI MIN.)	STEEL
2	FOAM CORE: 2.0 lbs/FT DENSITY, Bayer 245	POLYURETHANE
3	HINGE REINFORCEMENT	STEEL
4	LOCK BLOCK SPRUCE-PINE-FIR SG >= 0.42	WOOD
7	MEDIUM REACH COMPRESSION WEATHERSTRIP (TAYLOR DOORS)	FOAM
8	LONG REACH COMPRESSION WEATHERSTRIP (TAYLOR DOORS)	FOAM
9	4" X 4" HINGE (0.097" THK.)	STEEL
10	#10 X 3/4" PFH WOOD SCREW	STEEL
19	HEADER JAMB (PINE, SG >= 0.42)	WOOD
20	SIDE JAMB (PINE, SG >= 0.42)	WOOD
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT PLATE	STEEL
31	OUTSWING THRESHOLD BY DLP	ALUM./WOOD
32	DOOR BOTTOM SWEEP	VINYL
33	INSWING THRESHOLD BY DLP	ALUM./WOOD
40	STEEL EDGE DOOR - SEE PANEL DETAIL SHEET FOR DETAILS	-
41	ADA THRESHOLD	ALUM./WOOD
42	#8 X 1/2" PPH SELF-DRILLING SCREW	STEEL



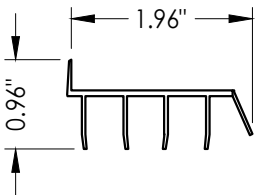
31 **OUTSWING**
Threshold by DLP



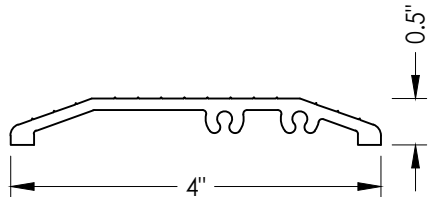
33 **INSWING**
Threshold



19 20 **HEAD & SIDE**
Jamb



32 **SWEEP**



41 **ADA THRESHOLD**

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PRODUCT: TAYLOR DOORS STEEL EDGE DOOR				PART OR ASSEMBLY: BILL OF MATERIAL & COMPONENTS			
6	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	REVISIONS			
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC				
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3	7/20/17	UPDATE TO 6TH ED. (2017)	FBC				
2	3/9/15	UPDATE TO 5TH ED. (2014)	FBC				
1	1/10/12	UPDATE TO 2010 FBC	KV				
NO.	DATE		BY				
DATE: 06/04/07							
SCALE: N.T.S.							
DWG. BY: TL							
CHK. BY: LFS							
DRAWING NO.: FL-8845.16							
SHEET 7 OF 7							