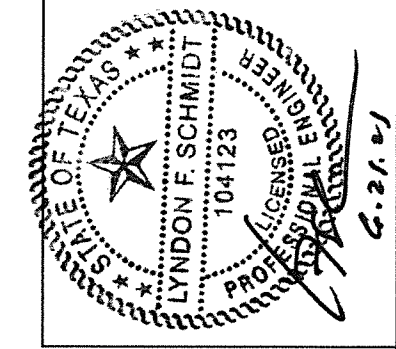


FIBERGLASS SKIN: 0.075" MIN. THK.  
FOAM CORE: POLYURETHANE



Documents Prepared By: Lyndon F. Schmidt, P.E.  
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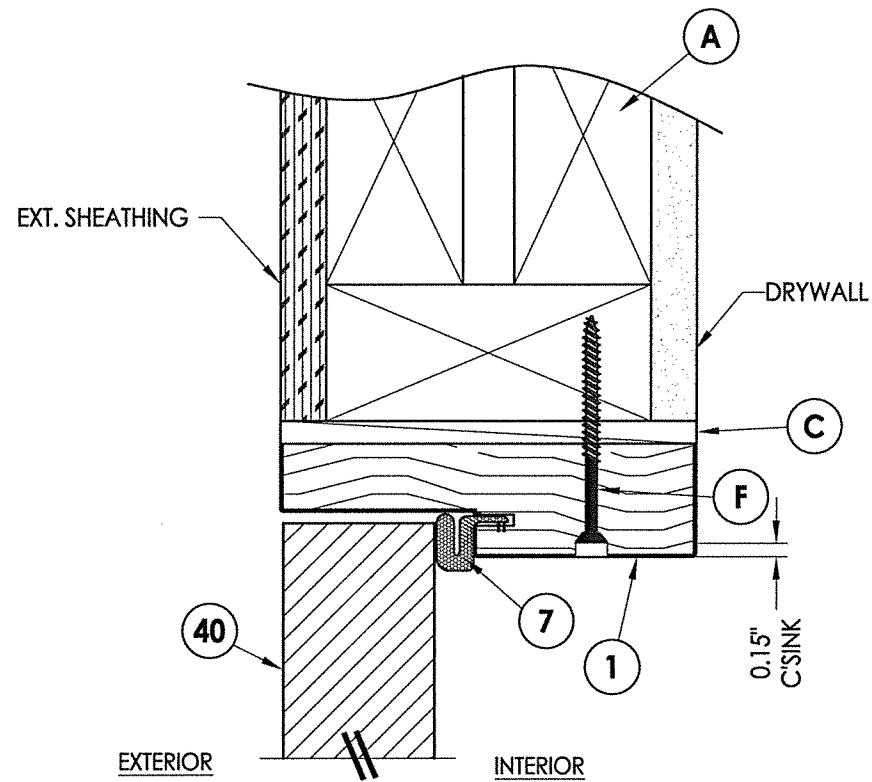
*RW*  
BUILDING CONSULTANTS, INC.  
P.O. Box 230 Vairico FL 33595  
Phone No.: 813.659.9197  
TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: ENDURA  
PART OR ASSEMBLY: DOOR PANEL DETAILS

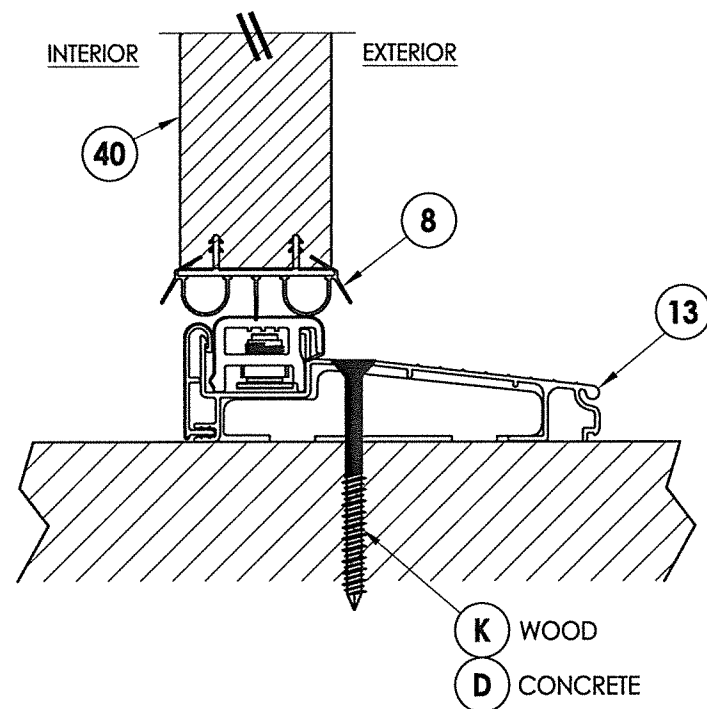
REVISIONS	
NO.	DATE

DATE: 6/17/21  
SCALE: N.T.S.  
DWG. BY: RW  
CHK. BY: LFS  
DRAWING NO.: TX-5216  
SHEET 2 OF 7

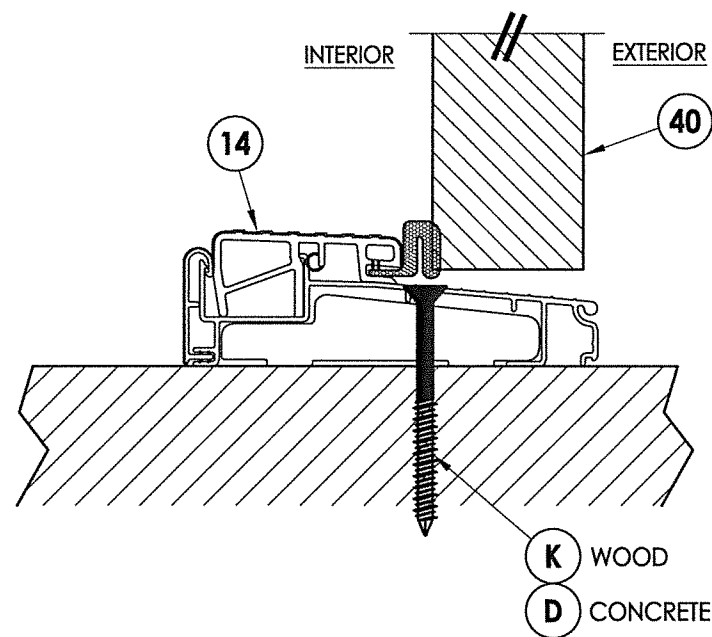




**1** VERTICAL CROSS SECTION  
**4** Outswing shown (inswing similar)

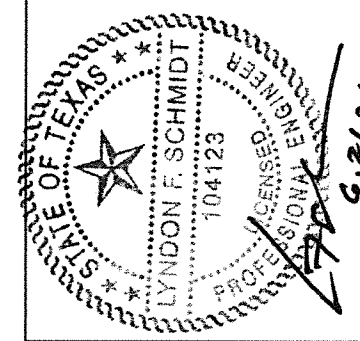


**2** VERTICAL CROSS SECTION  
**4** Inswing sill



**3** VERTICAL CROSS SECTION  
**4** Outswing sill

NOTE:  
 1. SILL ANCHORS ARE NOT REQUIRED FOR SINGLE DOOR CONFIGURATIONS.



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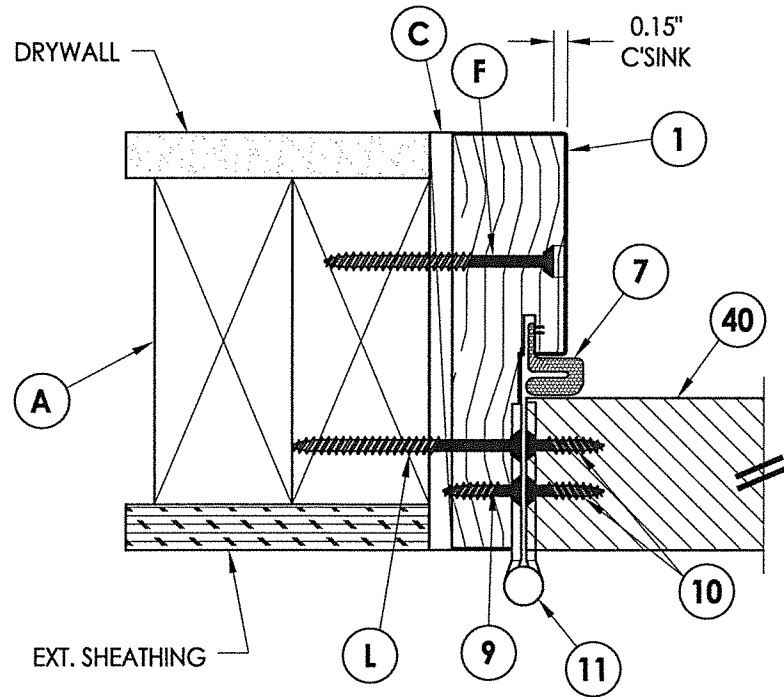
TEXAS BOARD OF PROFESSIONAL ENGINEERS  
 CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: ENDURA

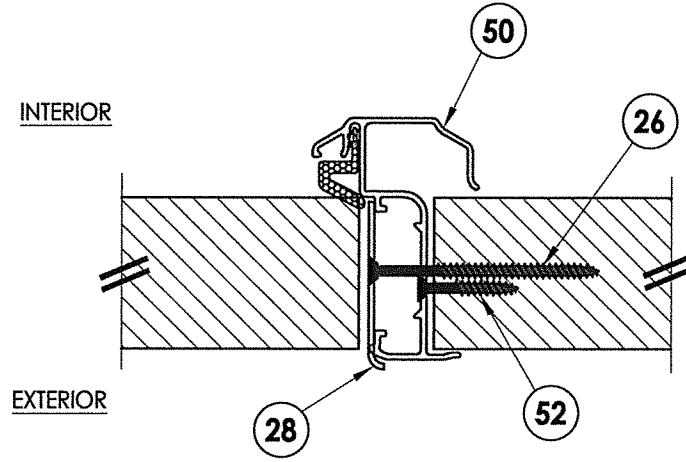
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

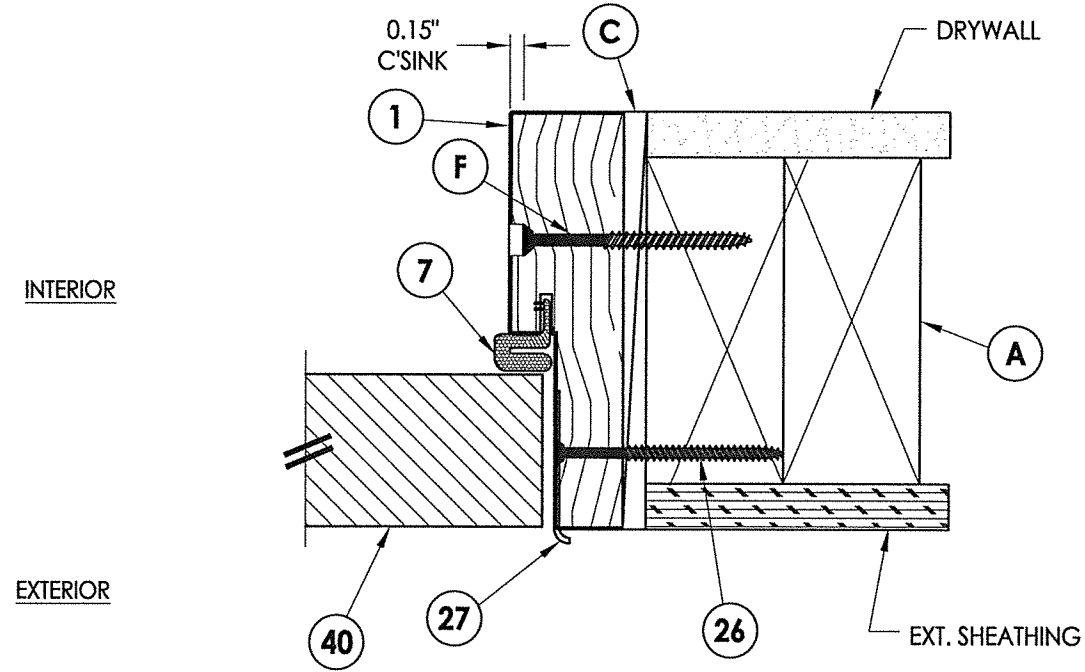
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 SCALE: N.T.S.  
 DWG. BY: RW  
 CHK. BY: LFS  
 DRAWING NO.: TX-5216  
 SHEET 4 OF 7



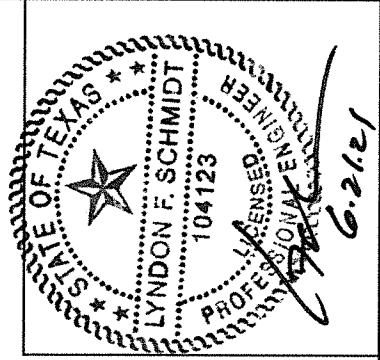
**1** HORIZONTAL CROSS SECTION  
**5** Outswing shown (Inswing similar)



**3** HORIZONTAL CROSS SECTION  
**5** Outswing shown (Inswing similar)



**2** HORIZONTAL CROSS SECTION  
**5** Outswing shown (Inswing similar)



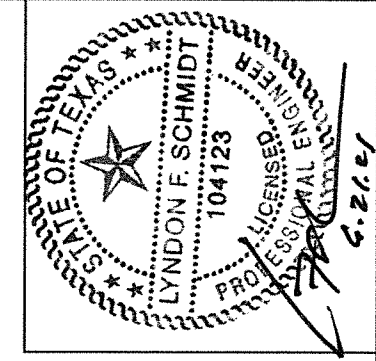
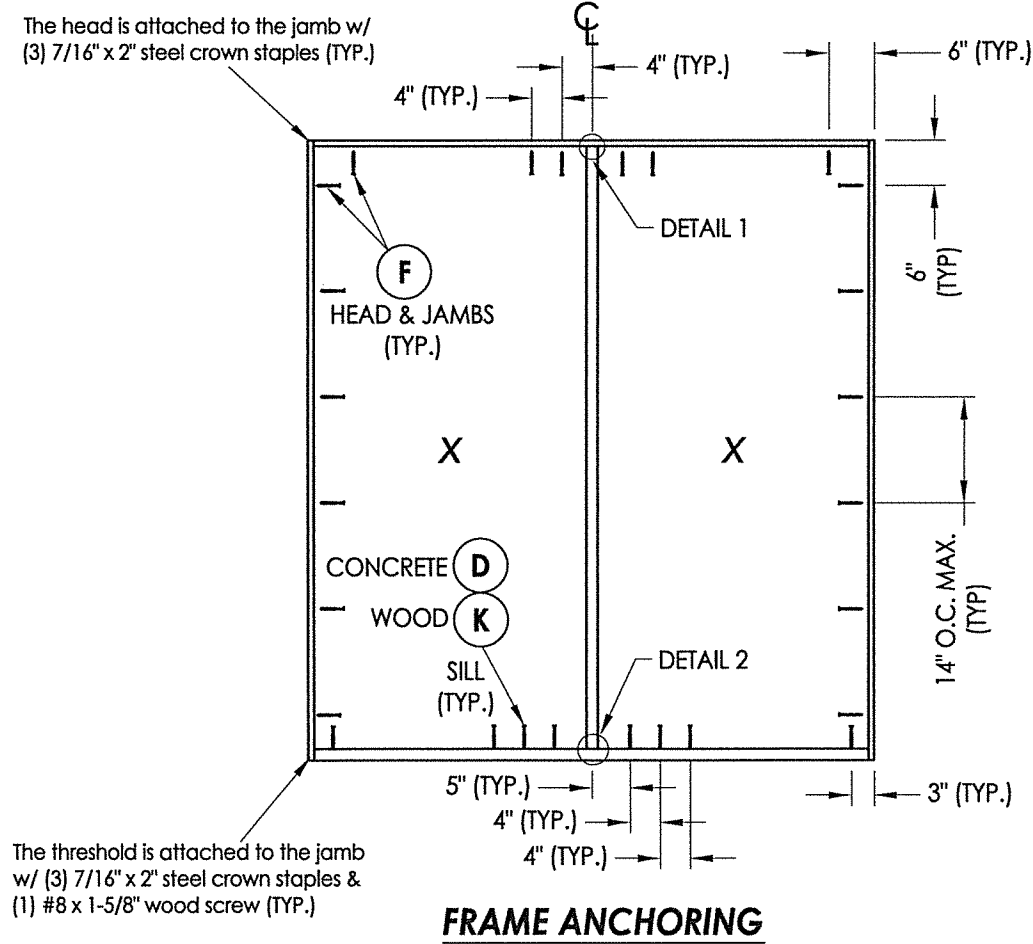
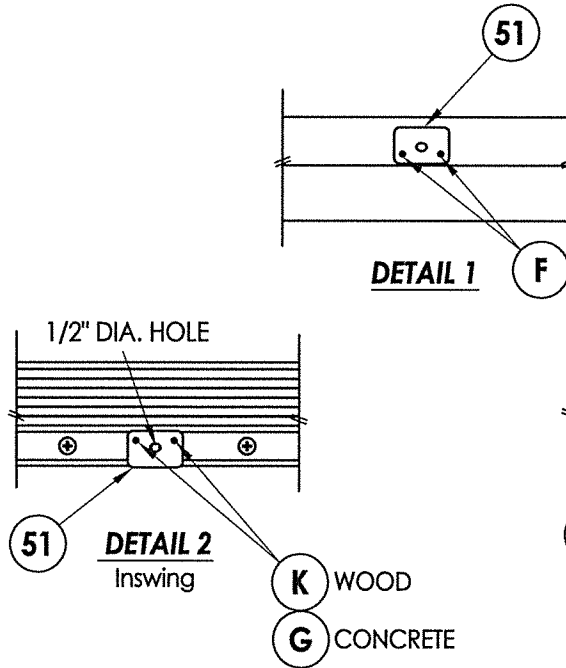
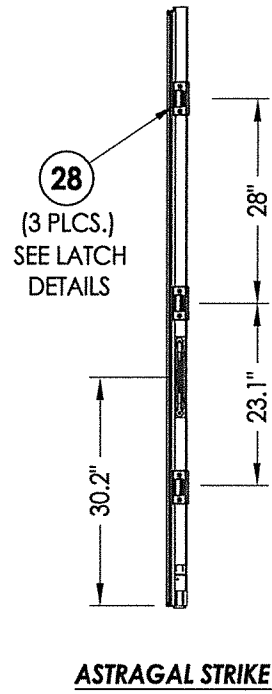
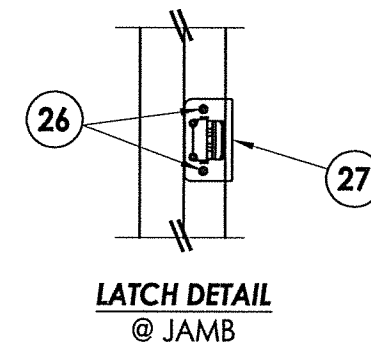
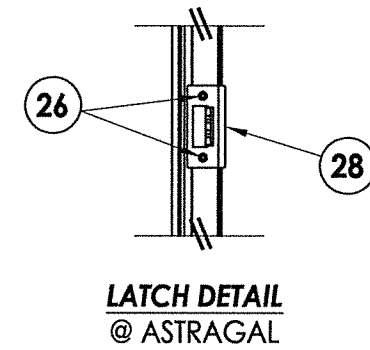
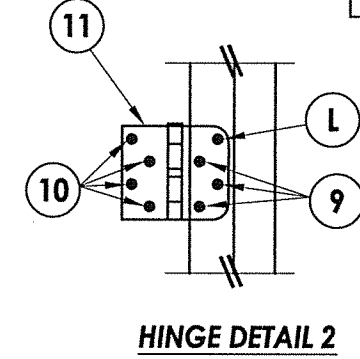
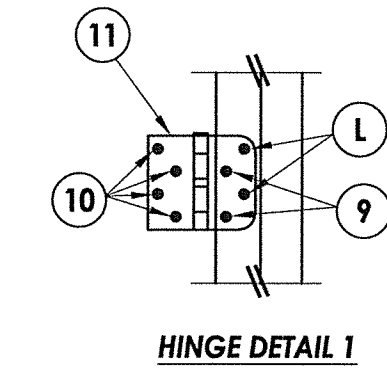
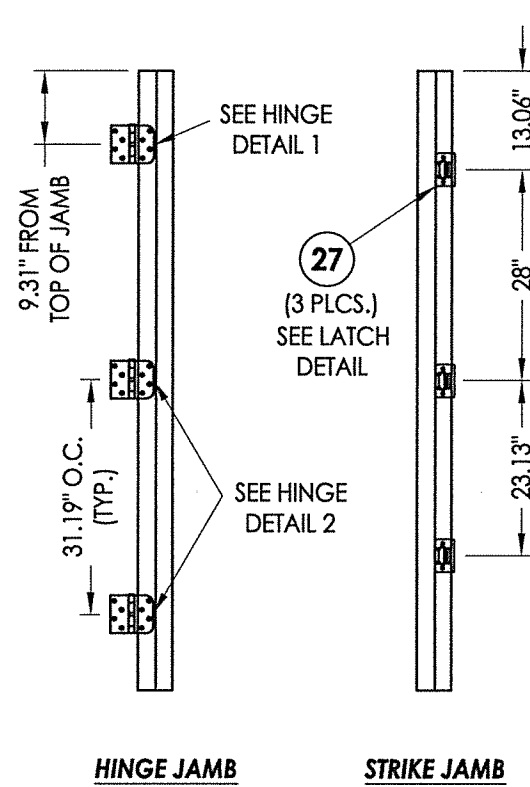
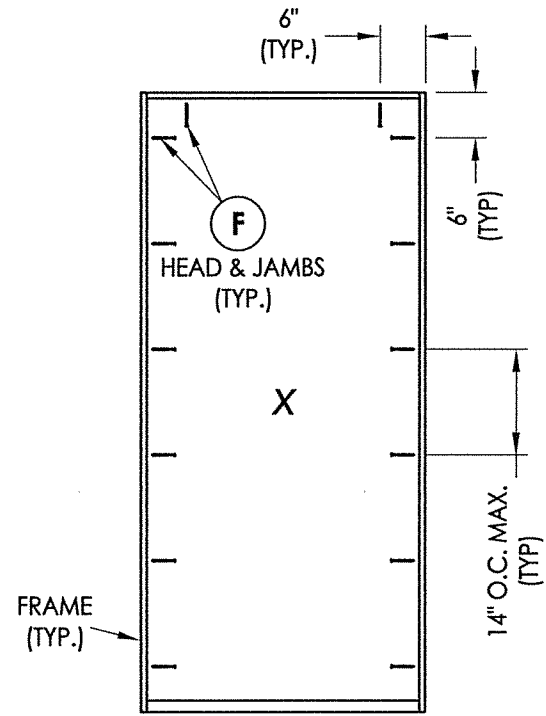
Documents Prepared By: Lyndon F. Schmidt, P.E.  
 TEXAS P.E. #104123

**RW** BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Vairico FL 33595  
 Phone No.: 813.659.9197  
 TEXAS BOARD OF PROFESSIONAL ENGINEERS  
 CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: ENDURA  
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 6/17/21  
 SCALE: N.T.S.  
 DWG. BY: RW  
 CHK. BY: LFS  
 DRAWING NO.: TX-5216  
 SHEET 5 OF 7



Documents Prepared By: Lyndon F. Schmidt, P.E.  
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 Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
 CERTIFICATE OF REGISTRATION # F-11852

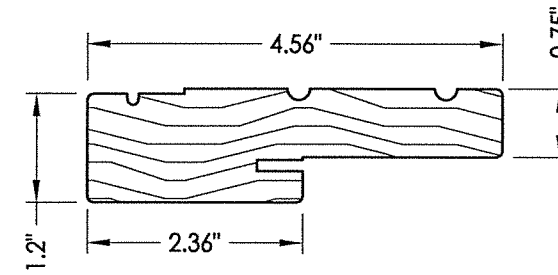
PRODUCT: ENDURA  
 PART OR ASSEMBLY: FRAME ANCHORING

NO.	DATE	BY	REVISIONS

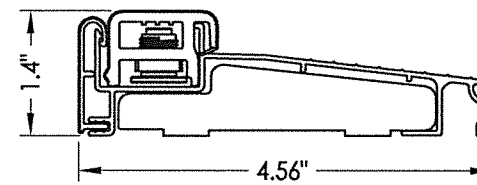
DATE: 6/17/21  
 SCALE: N.T.S.  
 DWG. BY: RW  
 CHK. BY: LFS  
 DRAWING NO.: TX-5216  
 SHEET 6 OF 7

Z:\Clients\Endura PERMANENT\B - Texas Dept of Ins\TDI - DR-XXXX (Sub ID....) OPAQUE X XX PANOLOCK - IMPACT\C - Drawings\TX-5216.dwg

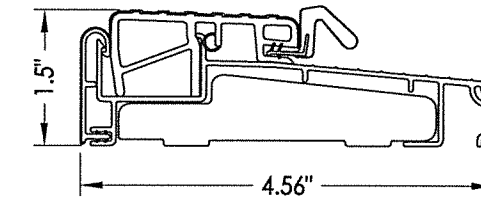
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" PFH DeWALT OR ITW CONCRETE SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
F	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
G	3/16" PFH ITW CONCRETE SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
K	#10 FH WOOD SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
1	FINGER JOINTED PINE JAMB	WOOD
7	WEATHERSTRIP	FOAM
8	SWEEP	PVC
9	#9 X 3/4" PFH WOOD SCREW	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
26	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE (JAMB)	STEEL
28	LATCH STRIKE PLATE (ASTRAGAL)	STEEL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
50	ENDURA ULTIMATE PANOLOCK ASTRAGAL	ALUM
51	ASTRAGAL BOLT STRIKE PLATE	STEEL
52	#10 X 1-1/2" FH WOOD SCREW	STEEL



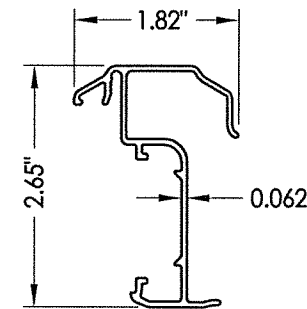
1 WOOD JAMB



13 INSWING ADJUSTABLE THRESHOLD  
ZAIL4565



14 OUTSWING THRESHOLD  
ZOBL4565



50 ENDURA ULTIMATE PANOLOCK ASTRAGAL

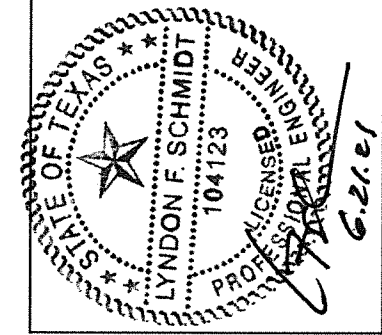
**CONCRETE ANCHOR NOTES:**

- 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 BUILDEX TAPCON®	3/16"	1-3/4"	3"	1-1/2"
	1/4"	1-3/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-3/4"	1"	4"

**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.



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TEXAS BOARD OF PROFESSIONAL ENGINEERS  
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	ENDURA
PART OR ASSEMBLY:	BILL OF MATERIALS & COMPONENTS

NO.	DATE	BY	REVISIONS

DATE:	6/17/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	TX-5216
SHEET	7 OF 7