

SEE HARDWARE CHART
(TYP.)

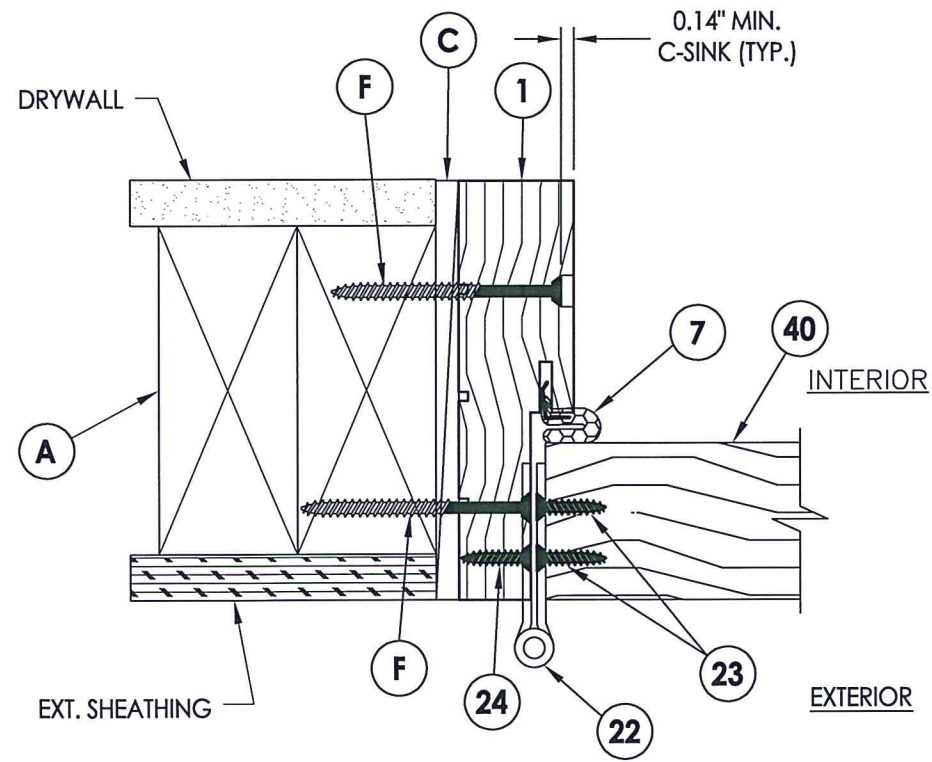
HARDWARE TABLE	
MANUFACTURER	MODEL
DEXTER	KNOB: "J" Series DEADBOLT: "J" Series



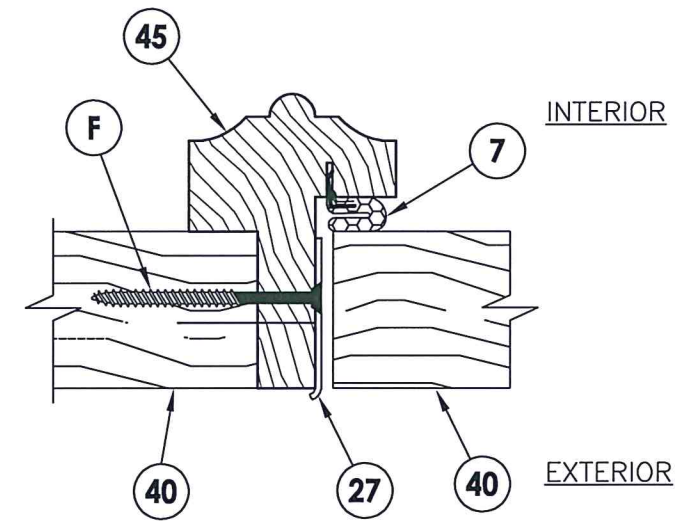
Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

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

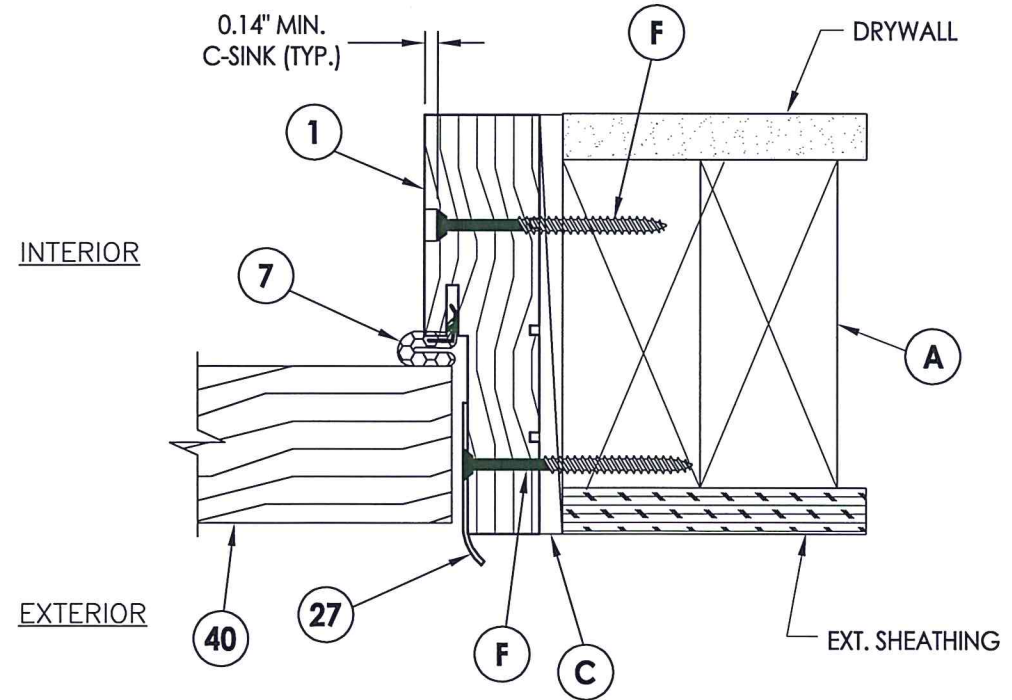
PRODUCT: STEVES AND SONS WOOD DOOR	
PART OR ASSEMBLY: ELEVATIONS	
NO.	DATE
1	11/19/20
UPDATE TO 2018 IBC/IRC	
LFS	BY
REVISIONS	
DATE:	9/29/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4568
SHEET	3 OF 7



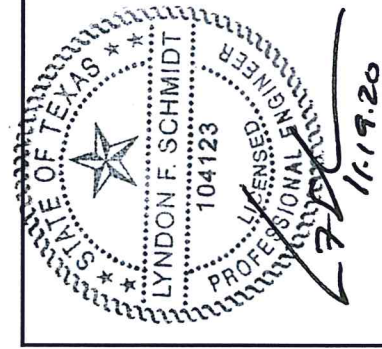
1 HORIZONTAL CROSS SECTION
4 Outswing shown (Inswing similar)



3 HORIZONTAL CROSS SECTION
4 Outswing shown (Inswing similar)



2 HORIZONTAL CROSS SECTION
4 Outswing shown (Inswing similar)



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

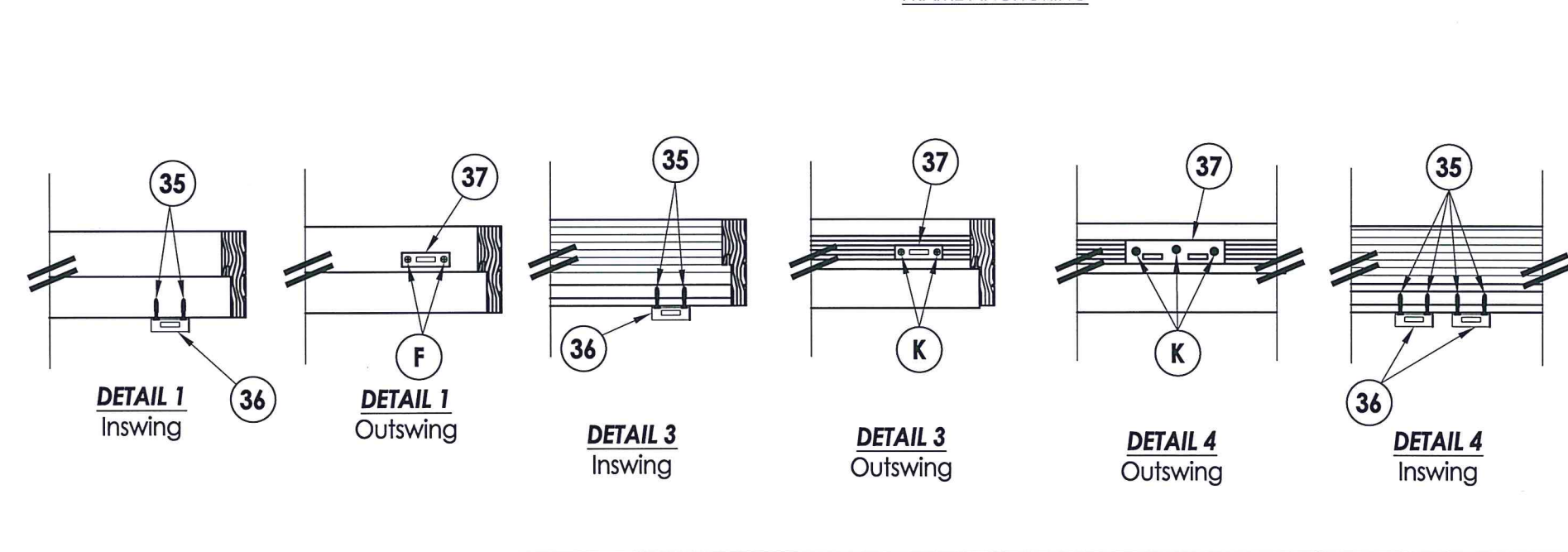
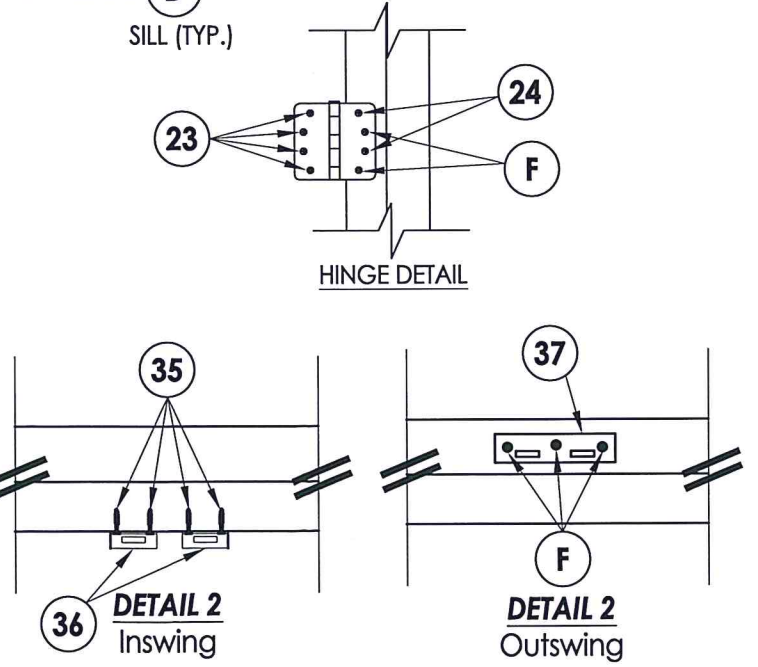
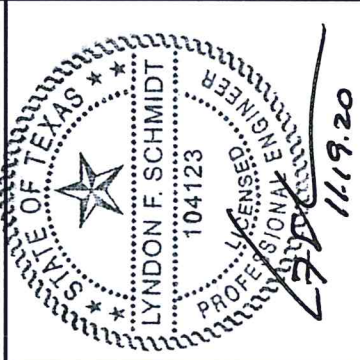
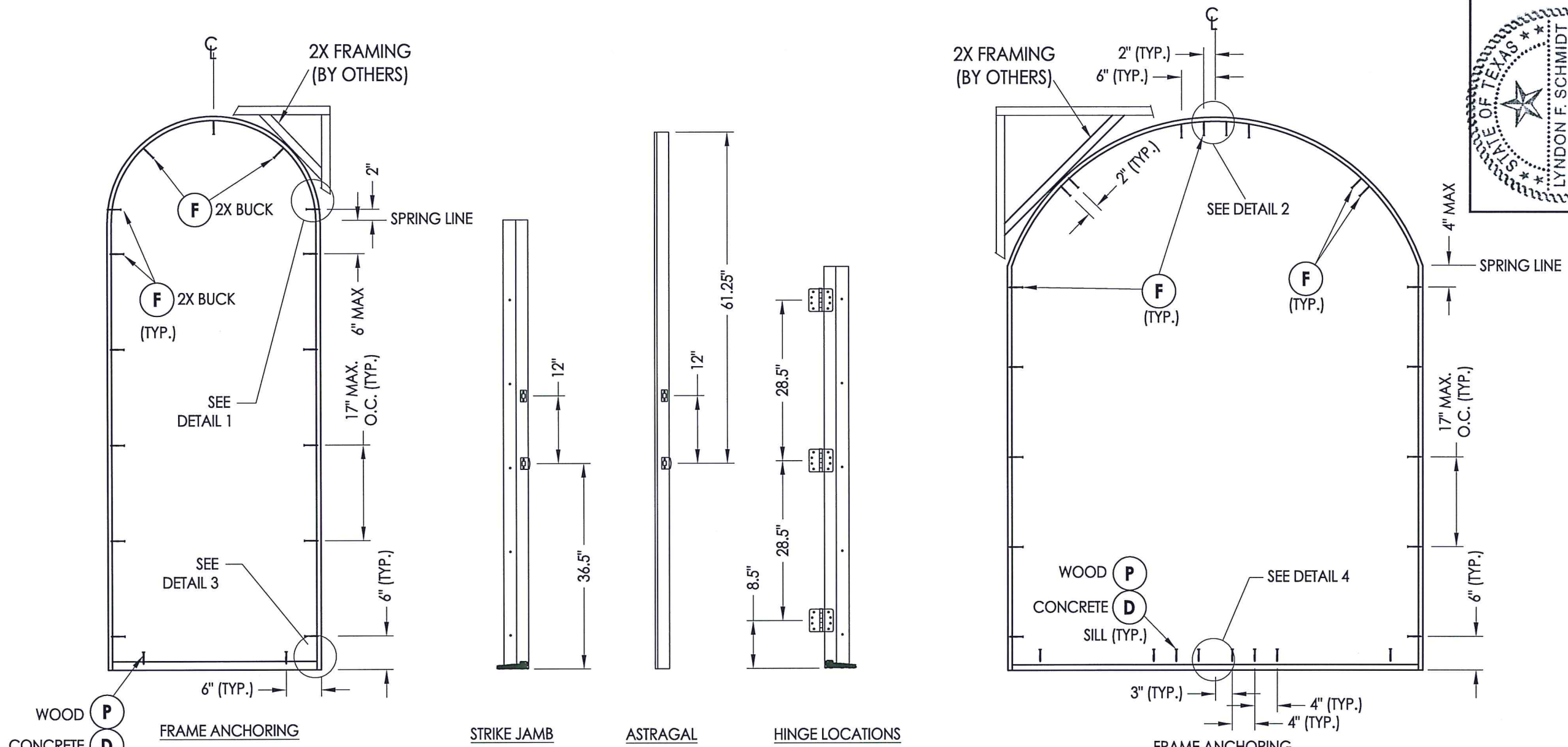
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197

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

PRODUCT: STEVES AND SONS
 WOOD DOOR
 PART OR ASSEMBLY:
 HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
1	11/19/20	UPDATE TO 2018 IBC/IRC
		LFS
		BY

DATE: 9/29/15
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: TX-4568
 SHEET 4 OF 7



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

11.19.20

PRODUCT:	STEVES AND SONS WOOD DOOR	
PART OR ASSEMBLY:	FRAME ANCHORING	
NO.	DATE	BY
1	11/19/20	LFS
UPDATE TO 2018 IBC/IRC		
REVISIONS		
DATE:	9/29/15	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4568	
SHEET	6 OF 7	

© 2015 R.W. BUILDING CONSULTANTS INC.

R:\Clients\Steves and Sons - Permanent\B - Texas Dept of Ins\Hinged Doors - Wood\DR-781C - Drawings\TX-4565-68.dwg, 7.4

BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G >= 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	#8 X 2-1/2" PFH WOOD SCREW (1.15 MIN. EMBEDMENT)	STEEL
K	3/16" PFH ITW CONCRETE SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
P	#10 PFH WOOD SCREW (1-3/4" MIN. EMBEDMENT)	STEEL
1	HEAD AND SIDE JAMB	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	WOOD
20	IN SWING SILL	WOOD
21	OUT SWING SILL	WOOD
22	4" x 4" HINGE	STEEL
23	#9 X 3/4" PFH WOOD SCREW	STEEL
24	#8 X 3/4" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
33	SURFACE BOLT SPACER	-
34	SURFACE BOLT (IVES 454 8" LONG)	STEEL
35	#8 X 1" PFH WOOD SCREW	STEEL
36	SURFACE BOLT GUIDE PLATE	STEEL
37	SURFACE BOLT STRIKE	STEEL
39	#10 X 2" SEX BOLT	STEEL
40	WOOD DOOR PANEL	-
45	ASTRAGAL	WOOD

NOTE: WOOD DOOR COMPONENTS: PINE

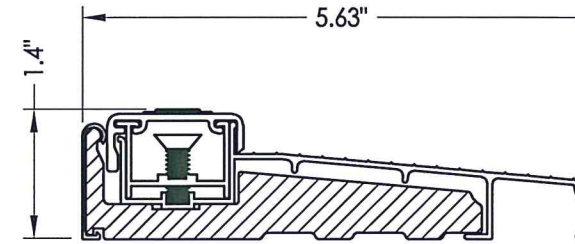
CONCRETE ANCHOR NOTES:

- 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:

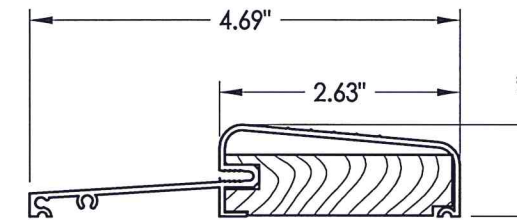
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

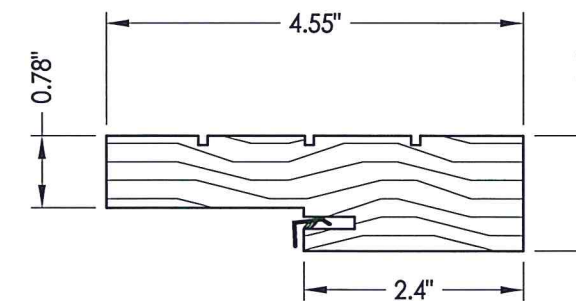
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



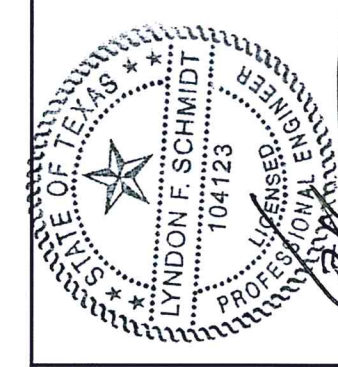
20 IN SWING THRESHOLD



21 OUT SWING THRESHOLD



1 FRAME



11.19.20
 Documents Prepared By: Lyndon F. Schmidt, P.E.
 TEXAS P.E. #104123

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

PRODUCT: STEVES AND SONS WOOD DOOR
 PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS

NO.	DATE	DESCRIPTION	LFS	BY
1	11/19/20	UPDATE TO 2018 IBC/IRC		
REVISIONS				

DATE: 9/29/15
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: TX-4568
 SHEET 7 OF 7