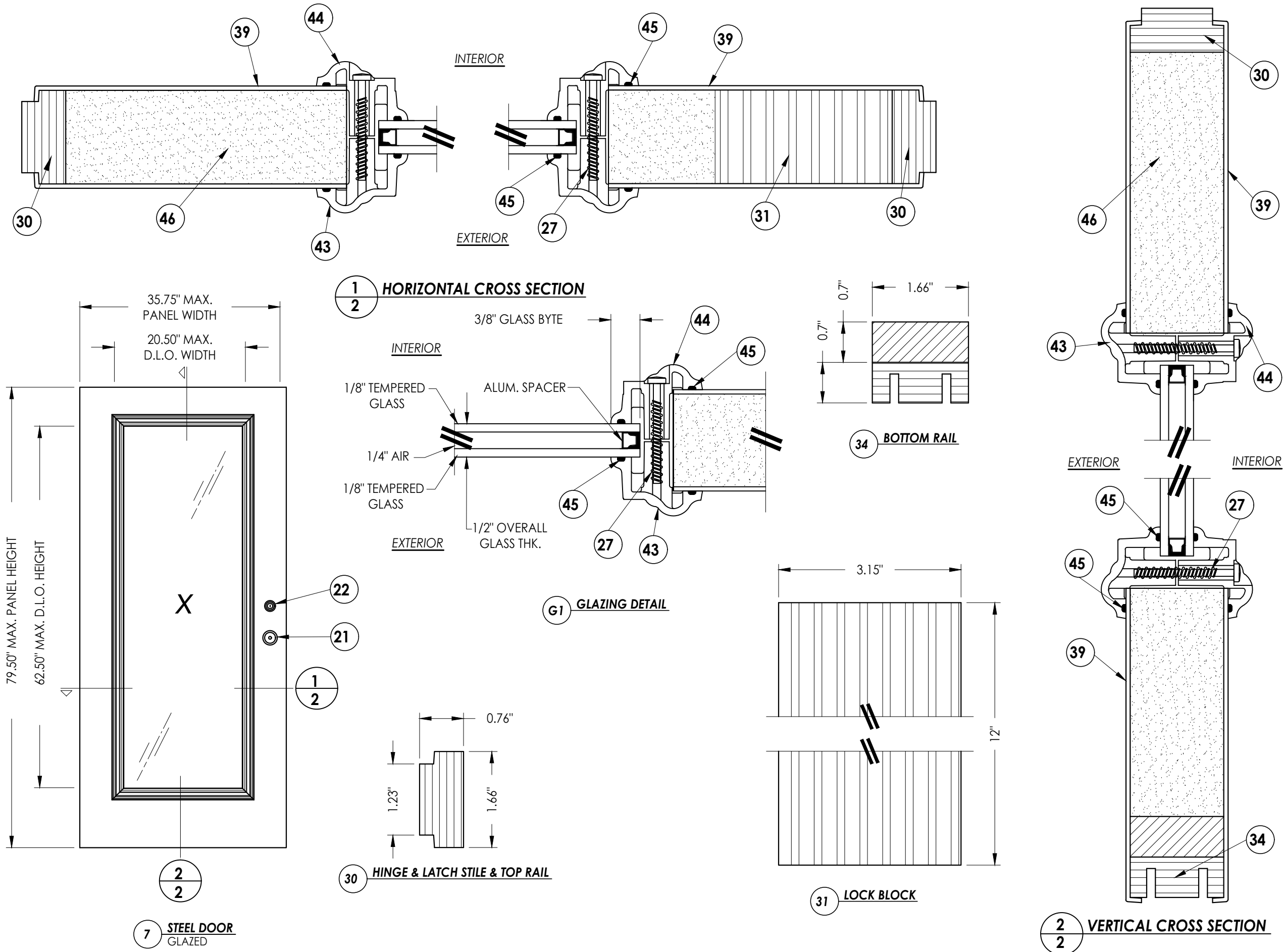


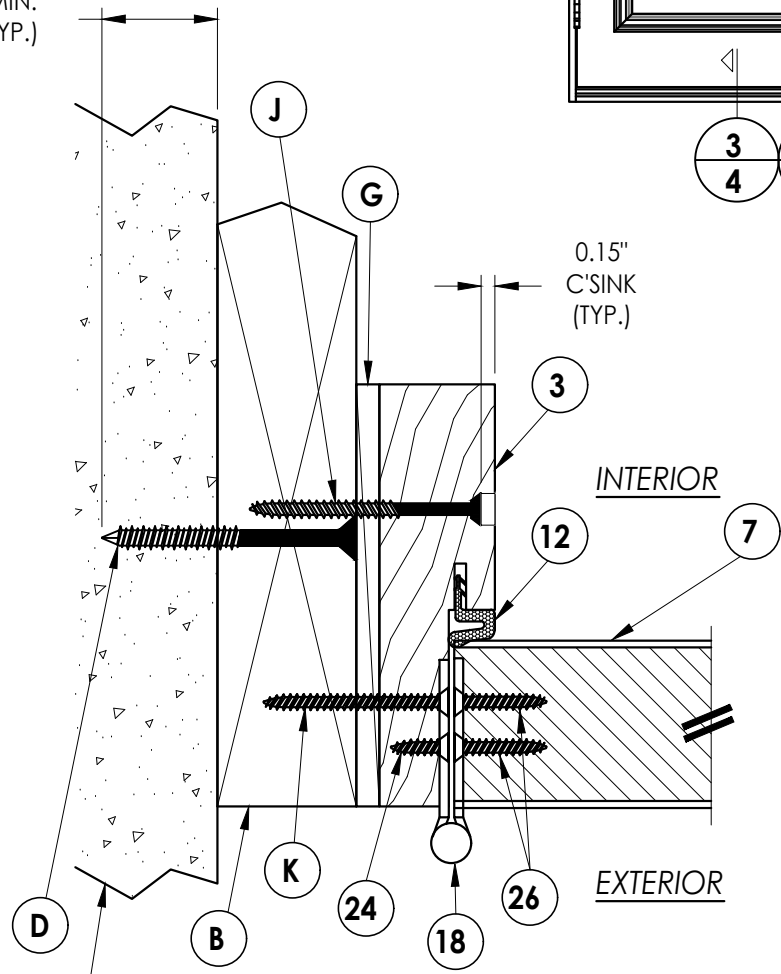
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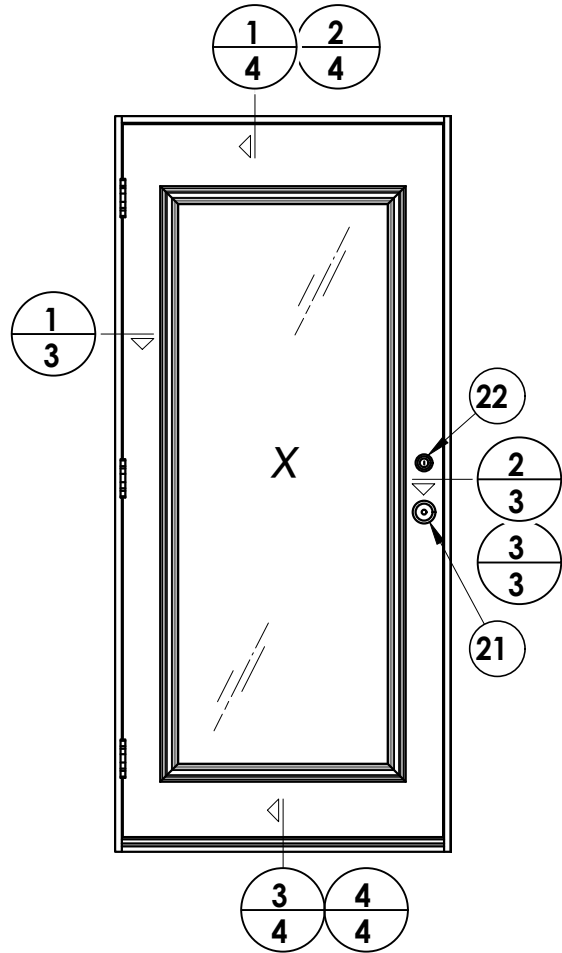
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: STEVE'S AND SONS		PART OR ASSEMBLY: DOOR PANEL CONSTRUCTION DETAILS AND GLAZING DETAIL	
		LFS	BY
3	8/07/23	UPDATE TO 8TH ED. (2023) FBC	REVISIONS
2	9/16/20	UPDATE TO 7TH ED. (2020) FBC	
1	10/08/17	UPDATE TO 6TH ED. (2017) FBC	
NO.	DATE		
DATE: 7/18/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17903.6			
SHEET 2 OF 7			

Z:\2023 FBC Drawings\Steves & Sons\FL-17903 R4\FL-17903.3-8.dwg

1-1/4" MIN.
EMB. (TYP.)



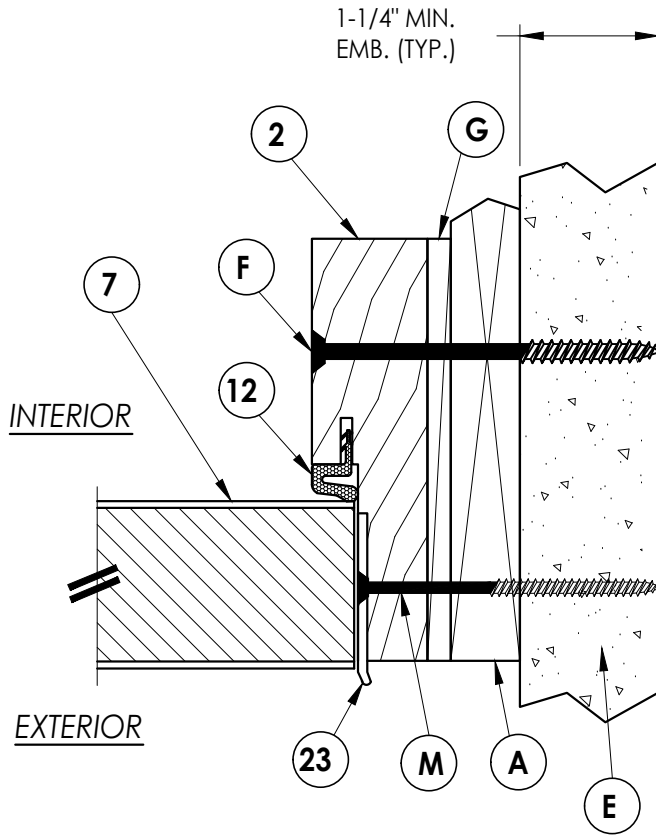
1
3 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing
also approved



INTERIOR

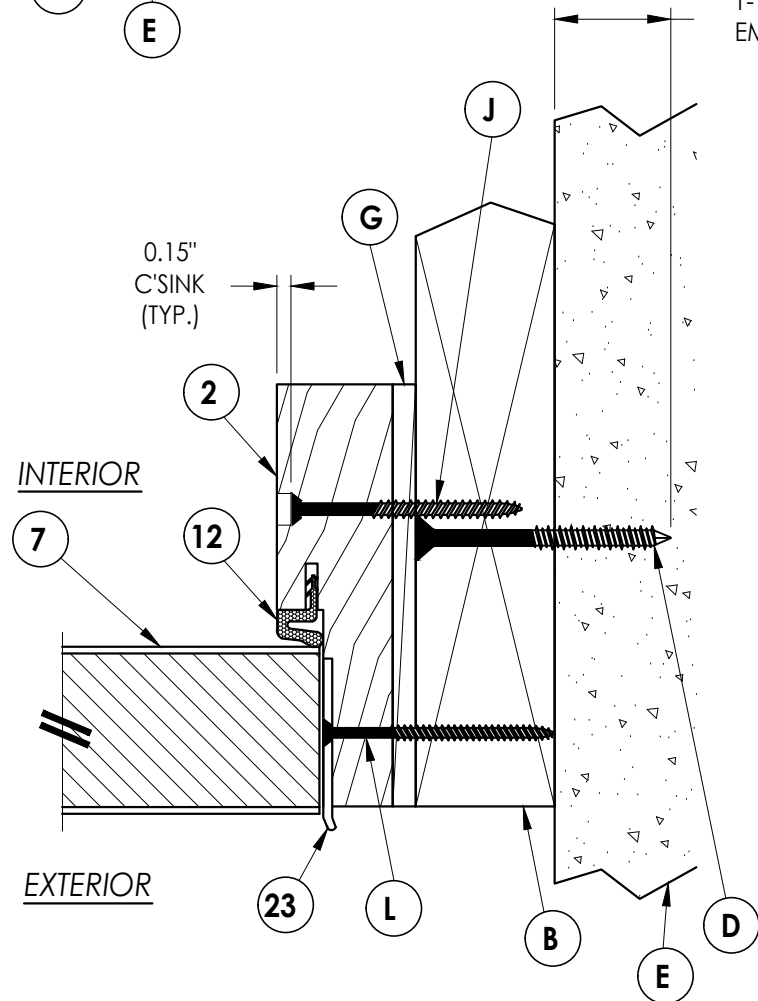
EXTERIOR

1-1/4" MIN.
EMB. (TYP.)



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

1-1/4" MIN.
EMB. (TYP.)



2
3 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing
also approved

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
STEVE'S AND SONS

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
3	8/07/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	9/16/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	10/08/17	UPDATE TO 6TH ED. (2017) FBC JK

DATE: 7/18/15

SCALE: N.T.S.

DWG. BY: JK

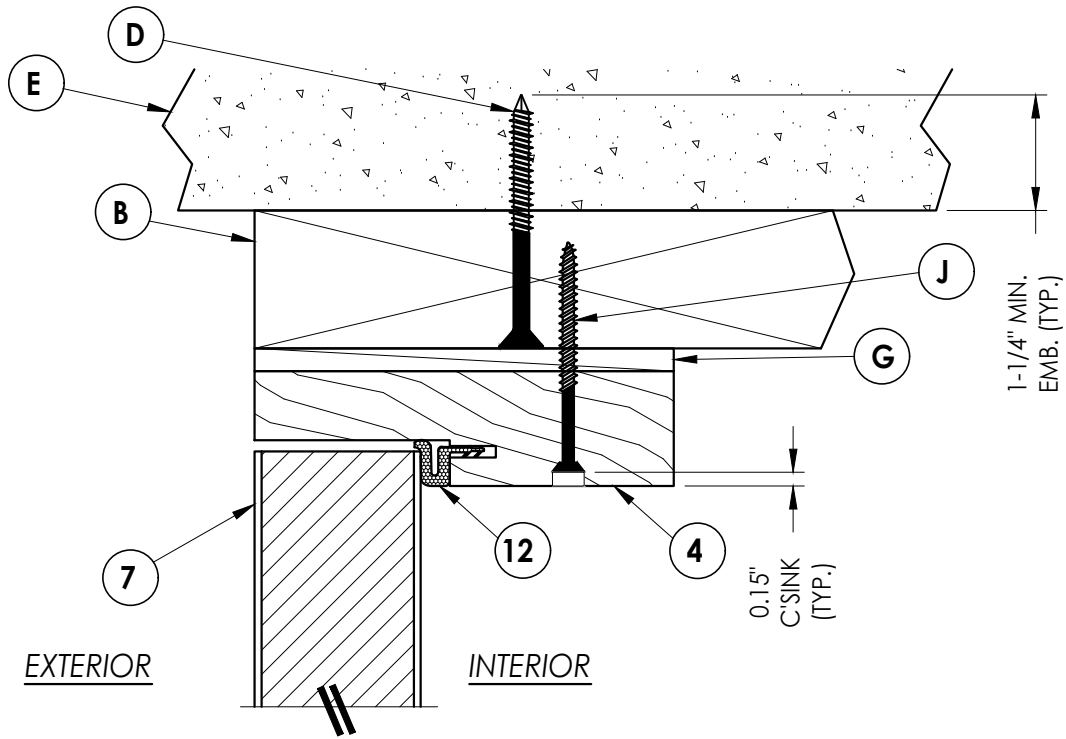
CHK. BY: LFS

DRAWING NO.:

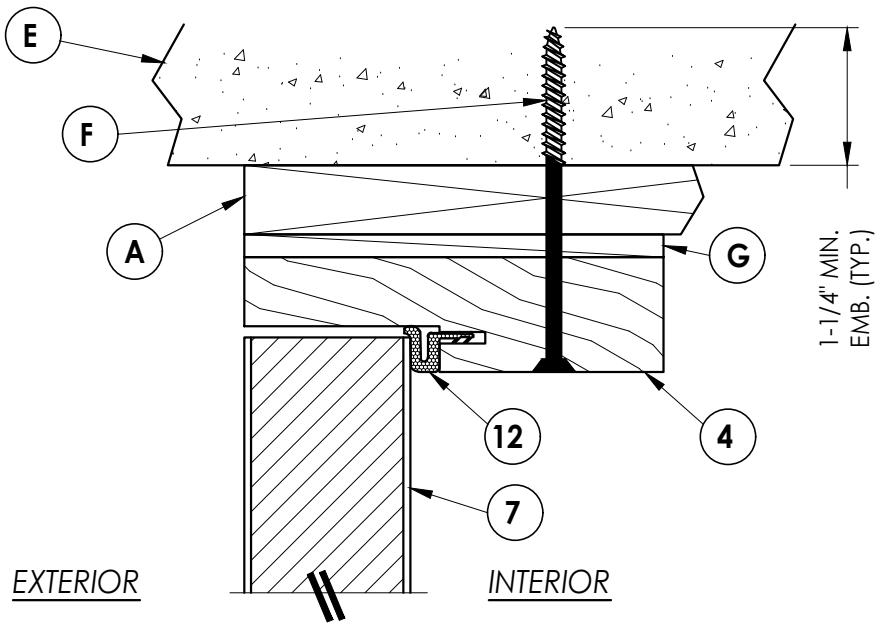
FL-17903.6

SHEET 3 OF 7

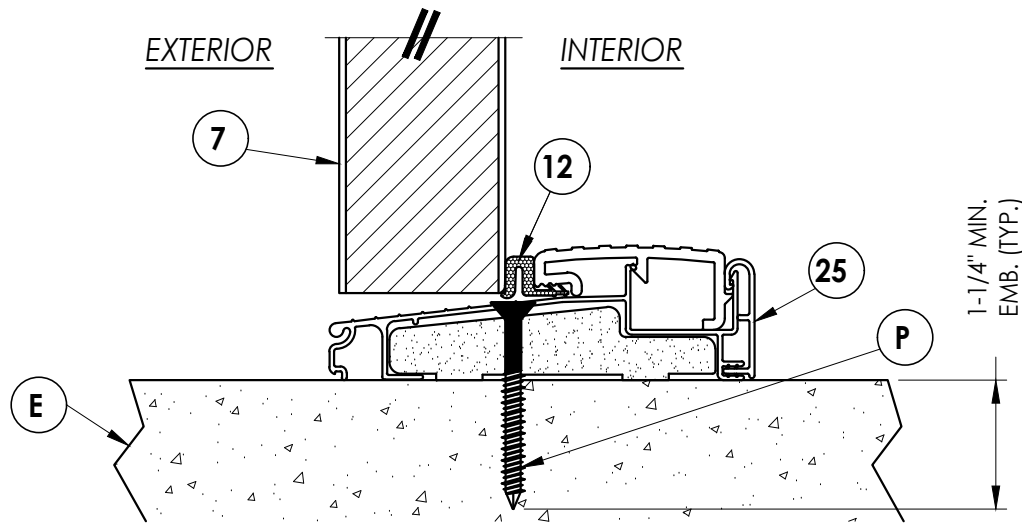
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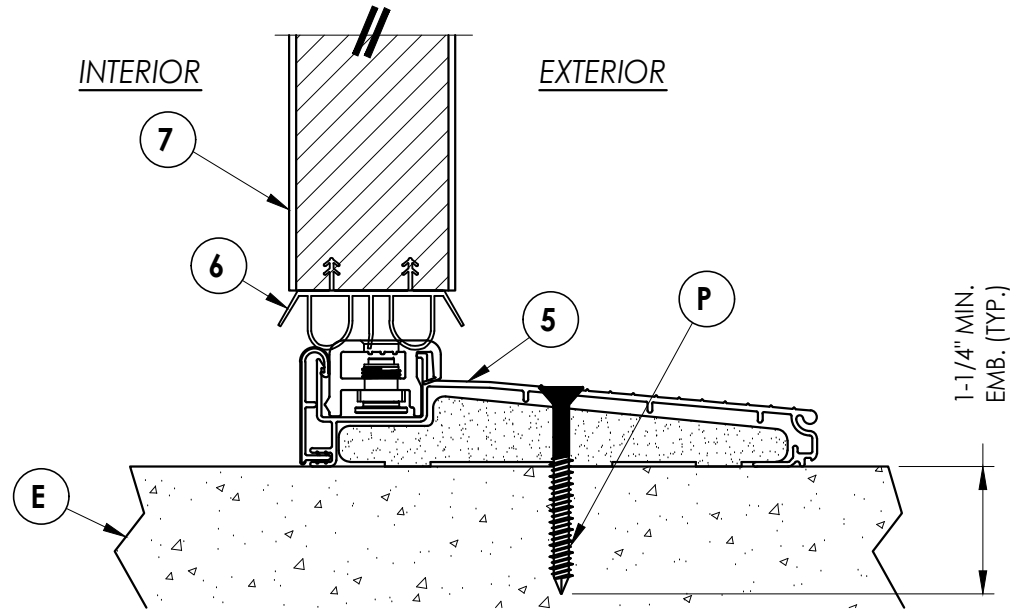
1
4 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved



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



3
4 **VERTICAL CROSS SECTION**
Outswing sill



4
4 **VERTICAL CROSS SECTION**
Inswing sill

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:
STEVES AND SONS

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS
3	8/07/23	LFS	UPDATE TO 8TH ED. (2023) FBC
2	9/16/20	LFS	UPDATE TO 7TH ED. (2020) FBC
1	10/08/17	JK	UPDATE TO 6TH ED. (2017) FBC

DATE: 7/18/15

SCALE: N.T.S.

DWG. BY: JK

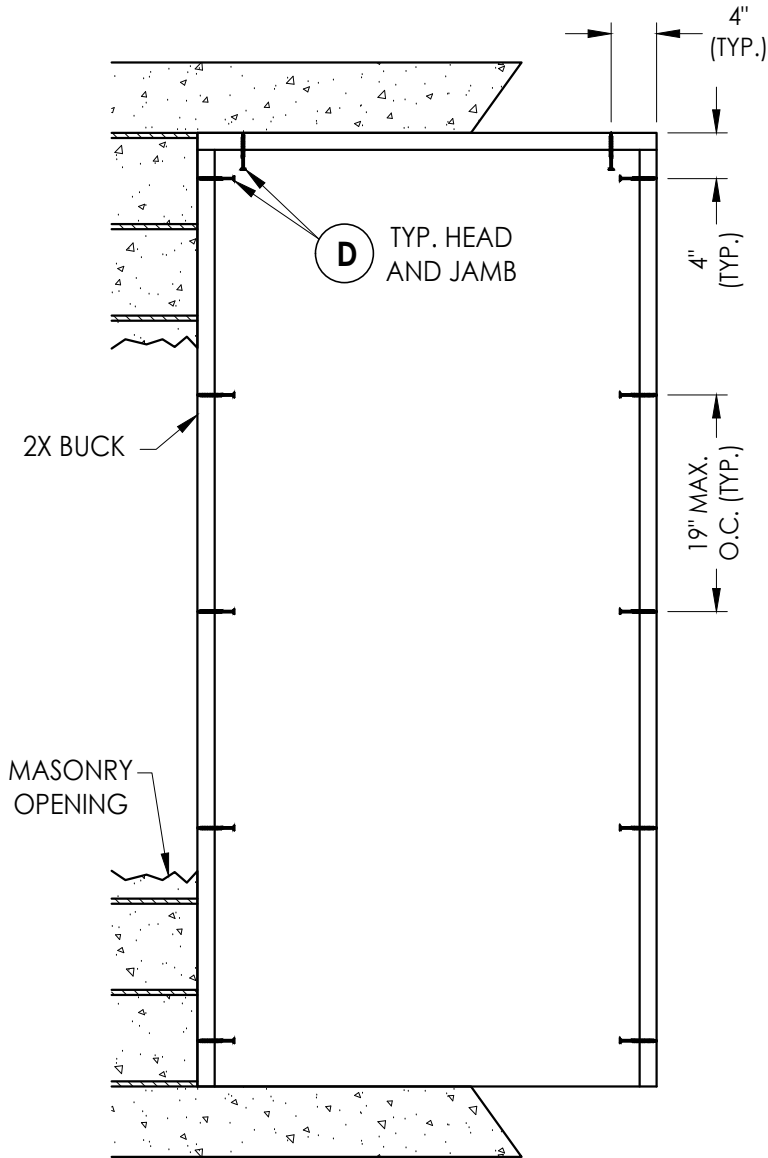
CHK. BY: LFS

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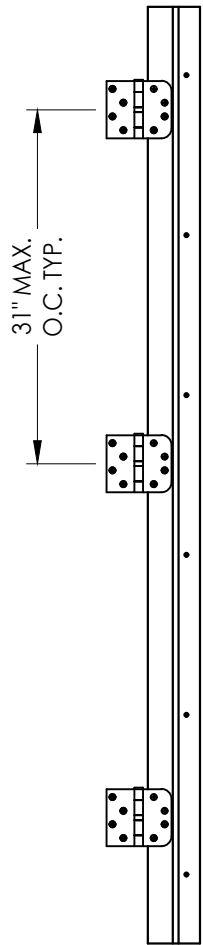
FL-17903.6

SHEET 4 OF 7

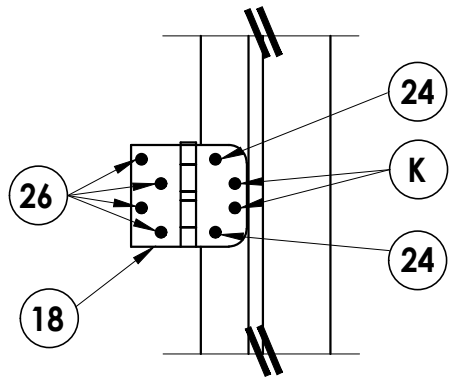
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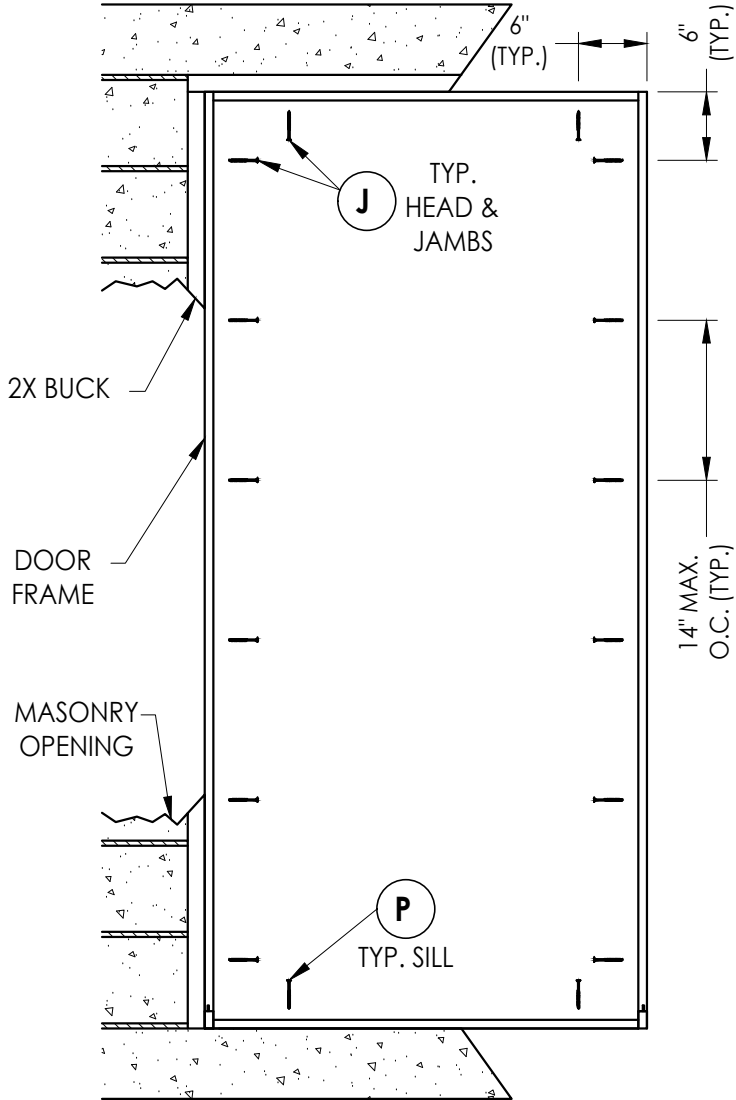
BUCK ANCHORING



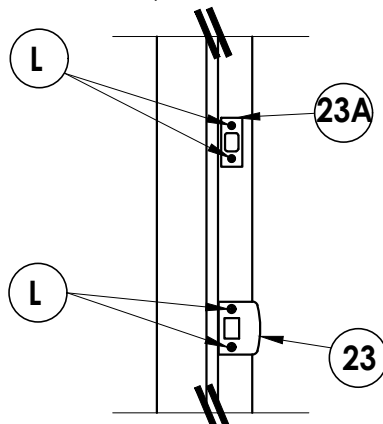
HINGE JAMB



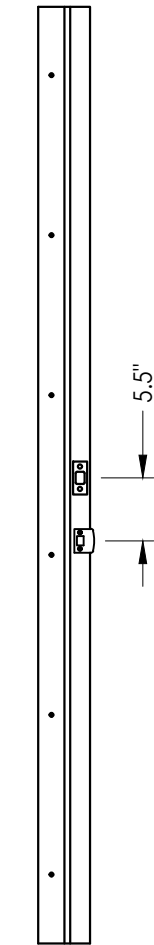
HINGE DETAIL



FRAME ANCHORING
Masonry 2X buck construction



STRIKE PLATE DETAIL

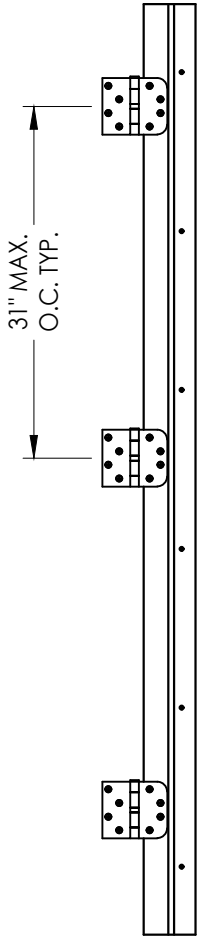


STRIKE JAMB

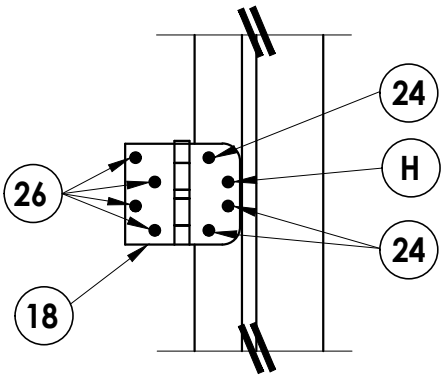
DATE: 7/18/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17903.6
SHEET 5 OF 7

PRODUCT:
STEVES AND SONS
PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
2X BUCK MASONRY CONSTRUCTION

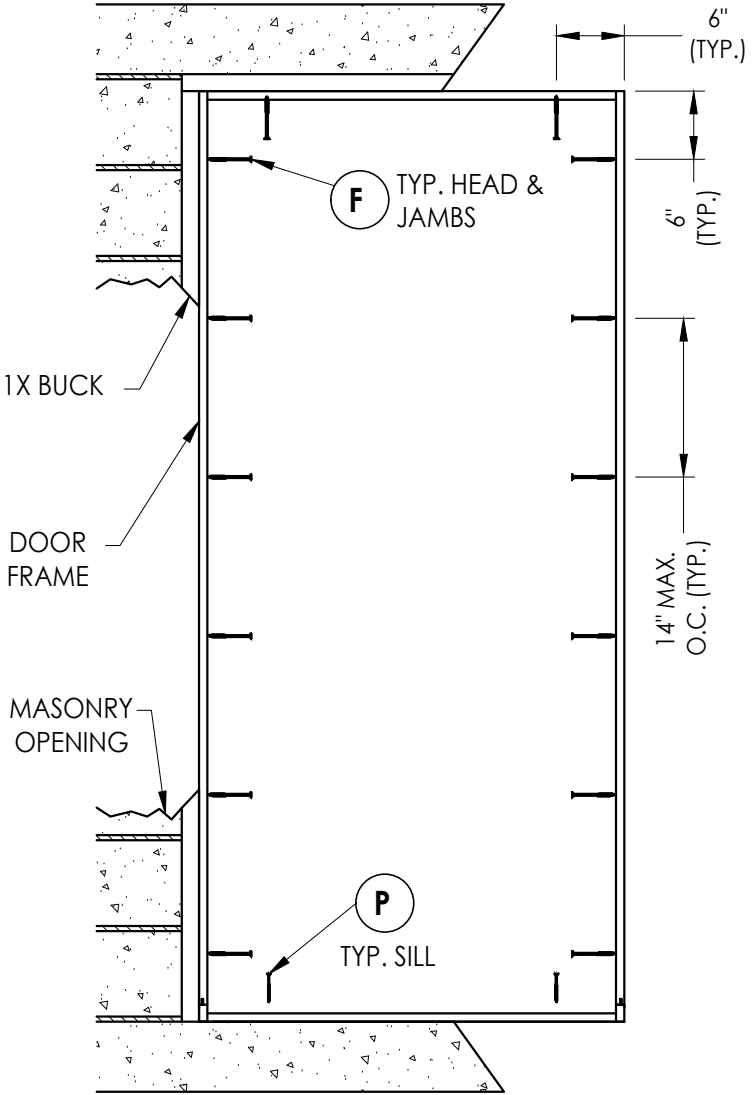
Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



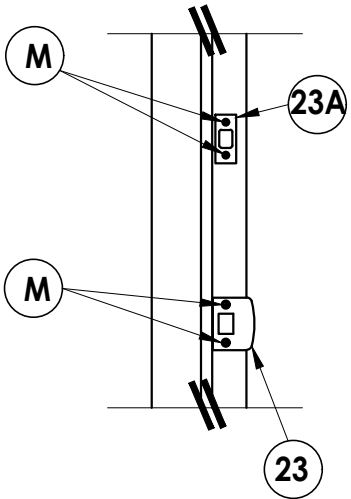
HINGE JAMB



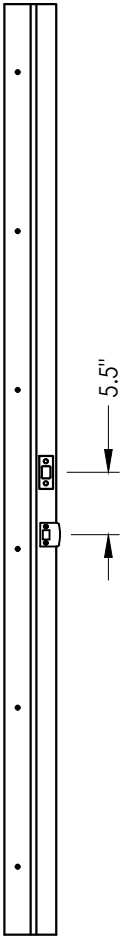
HINGE DETAIL



FRAME ANCHORING
Masonry 1X buck construction



STRIKE PLATE DETAIL



STRIKE JAMB

DATE:	7/18/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17903.6
SHEET	6 OF 7

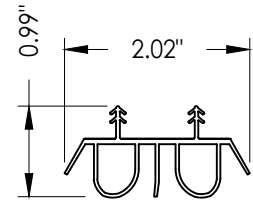
PRODUCT:	STEVES AND SONS
PART OR ASSEMBLY:	FRAME ANCHORING 1X BUCK MASONRY CONSTRUCTION

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

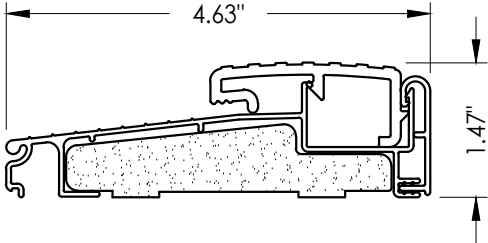
RW BUILDING CONSULTANTS, INC.
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Z:\2023 FBC Drawings\Steves & Sons\FL-17903 R4\FL-17903.3-8.dwg

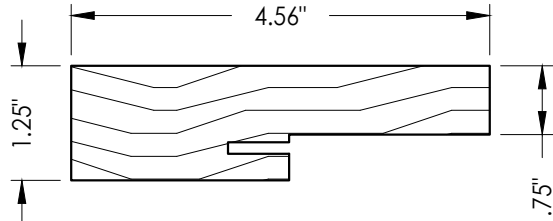
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
G	MAX. 1/4" SHIM SPACE	WOOD
H	1/4" X 3-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
J	#10 X 2-1/2" PFH WS (1.15" MIN. EMBEDMENT)	STEEL
K	#9 X 2" PFH WS	STEEL
L	#8 X 2-1/2" PFH WS	STEEL
M	3/16" X 3-1/4" ITW PFH CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
2	STRIKE JAMB - FINGER-JOINT PINE - SG >= 0.42	WOOD
3	HINGE JAMB - FINGER-JOINT PINE - SG >= 0.42	WOOD
4	HEAD - FINGER-JOINT PINE - SG >= 0.42	WOOD
5	INSWING THRESHOLD ALUMINUM W/ COMPOSITE SUBSTRATE	ALUM/COMP.
6	DOOR BOTTOM SWEEP	PVC
7	STEEL DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
12	WEATHERSTRIP QEBD650 Q-LON	-
18	4" HINGE	STEEL
21	KWIKSET LOCK - SERIES 200 PASSAGE	-
22	KWIKSET DEADBOLT - SERIES 600	-
23	STRIKE PLATE	STEEL
23A	DEADBOLT STRIKE	STEEL
24	#9 X 5/8" PFH WS	STEEL
25	OUTSWING THRESHOLD ALUMINUM W/ COMPOSITE SUBSTRATE	ALUM./ COMP.
26	#9 X 1" PFH WS	STEEL
27	#8 x 1 1/2" PPH SCREW	STEEL
30	LATCH AND HINGE STILE - SG >= 0.42	LVL/PVC
31	LOCK BLOCK	WOOD
34	BOTTOM RAIL - POPLAR LVL & WPC COMBINATION	POPLAR/WPC
39	STEEL SKIN .025" MIN. THICKNESS	STEEL
40	#8 X 1-1/2" PANHEAD SMS (LIGHT FRAME SCREW)	STEEL
43	FEMALE LITE FRAME- WESTERN REFLECTIONS/ODL	POLYPROPYLENE
44	MALE LITE FRAME- WESTERN REFLECTIONS/ODL	POLYPROPYLENE
45	SILICONE SEALANT	SILICONE
46	INSULATING FOAM CORE	POLYURETHANE



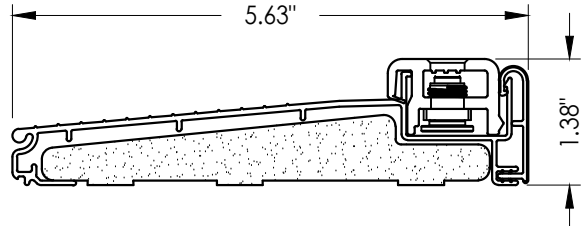
6 SWEEP



25 OUTSWING THRESHOLD
Low profile ADA



4 3 2 SIDE & HEAD JAMBS



5 INSWING THRESHOLD

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.

Documents Prepared By:

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P.E. No. 43409

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

RW

PRODUCT:

STEVES AND SONS

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

DATE: 7/18/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17903.6

SHEET 7 OF 7