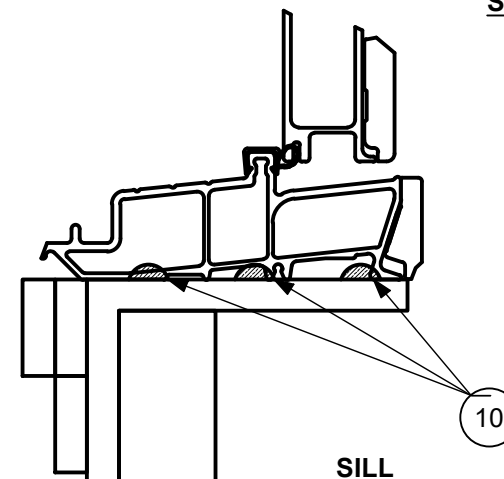
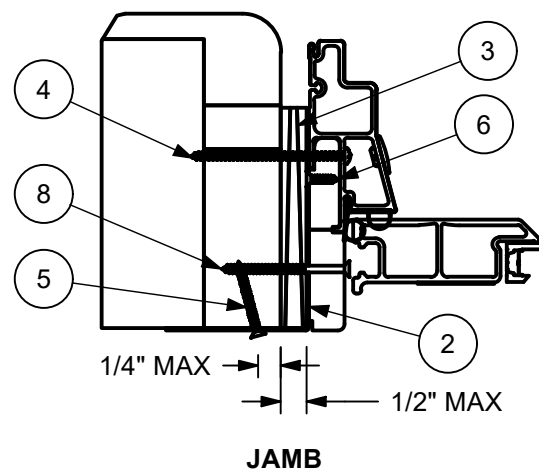
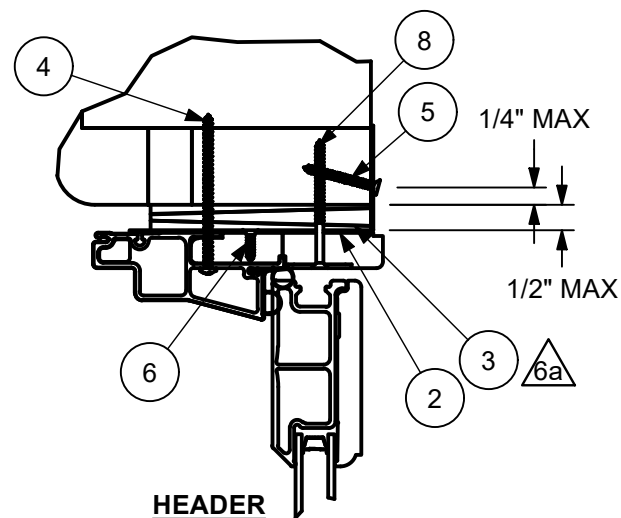


**NAILING FIN INSTALLATION**  
 - NAIL FIN NOT REQUIRED FOR STRUCTURAL PERFORMANCE  
 - APPLY TO JAMBS AND HEAD JAMB



**STRUCTURAL BRACKET INSTALLATION:**  
 - APPLY BRACKETS TO JAMBS AND HEAD JAMB WITH TWO #7 X 5/8" WOOD SCREWS. SPACE BRACKETS PER ELEVATION DOC 00100250  
 - DRILL TWO 5/32" HOLES FOR SCREWS, TWO SCREWS PER BRACKET TO FRAMING, ANGLE SCREWS TO A MIN OF 15° TOWARDS THE THICKER PART OF THE FRAMING, USING 1-5/8" SHEET ROCK SCREWS  
 - ALL STRUCTURAL BRACKETS ARE SUPPLIED WITH THE STRUCTURAL BRACKET INSTALLATION INSTRUCTIONS

ITEM	DWG NO	DESCRIPTION
11	00064718	#10 X 2-3/4" MASONRY SCREW
10	NA	GRADE NS CLASS 25 SEALANT (ASTM C920)
9	00005291	NAILING FIN
8	00003228	#8-15 X 2-1/2" TYPE A/TF, 2/3 THREAD
7	00029426	DRIP CAP NAILING FIN
6	00003212	#7 X 5/8" SCREW
5	NA	1-5/8" DRYWALL SCREW
4	00003264	#8 X 3" PH SCREW
3	NA	SHIM
2	00003778	STRUCTURAL BRACKET
1	NA	2" GALV. ROOF NAIL

**ALL APPLICATIONS**

- MASONRY AND WOOD APPLICATION
- THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY, FOR FLASHING AND SEALING INSTRUCTIONS REFER TO INSTALLATION INSTRUCTIONS
- FOR ELEVATIONS, SPACING INFO AND APPROVED METHODS OF INSTALLATION, REFER TO DOC 00100250
- FOR SIZE AND DP LIMITATIONS OF UNIT REFER TO DOC 0087000
- PLACE THREE 3/8" DIAMETER BEADS OF ASTM C920 GRADE NS CLASS 25 SEALANT ON SILL PLATE
- APPLY TO ALL INSTALLATION METHODS:
  - SHIMS:
    - A SHIM MUST BE PLACED AT EACH HINGE AND LOCKING POINT
    - A SHIM MUST BE PLACE 4" TO 6" FROM EACH CORNER
    - ALL OTHER SHIMS MUST BE PLACED A MAX OF 15" APART

**ALL APPLICATIONS (CONT)**

- HEADER/JAMBS
  - USE THE SUPPLIED SCREWS AT EACH PRE-DRILLED LOCATION
  - APPLY ONE SCREW PER HINGE ON EXTERIOR SIDE FOR X & XX UNITS
  - APPLY SCREW THROUGH CENTER HOLE ON JAMB STRIKE PLATE ON X, XO & OX UNITS
  - APPLY TWO SCREWS THROUGH HEADER STATIONARY BAR RETAINER ON XO & OX UNITS
  - APPLY TWO SCREWS THROUGH HEADER STRIKE PLATE FOR XX UNITS
  - APPLY TWO SCREWS THROUGH HEADER / JAMB 90° STRIKE PLATE FOR X, XO & OX UNITS
- IF CHEMICALLY TREATED LUMBER IS USED FOR FRAMING MATERIAL, FASTENERS INTO THE BUCK MUST BE A MINIMUM OF 0.90 OZ/FT<sup>2</sup> ZINC HOT DIPPED GALVANIZED OR STAINLESS STEEL TYPE 304 OR 316
- MINIMUM NAIL EMBEDMENT DEPTH: 1-15/16" (NAILING FIN INSTALLATION ONLY)
- MINIMUM EDGE DISTANCE: 1/2" (NAILING FIN INSTALLATION ONLY)
- GLASS COMPLIES WITH ASTM E1300

REV	DESCRIPTION / REQUESTOR	ECN NO	DATE	REV BY
2.0	UPDATED TAXONOMY, ADDED NOTE 10 AND PART 11	PEND	12/08/20	TDG
1.0	ADDED NOTES 8 & 9 FOR NAIL LOCATION; UPDATED MODEL (SILL LINER)	22353	08/17/18	CAM
0.1	MADE MULTIPLE CHANGES TO DOCUMENT	20058	05/06/16	WRB
0.0	ORIGINAL ISSUE	20058	05/04/16	WRB

**CATEGORY:**  
SWINGING FRENCH DOOR

**UNIT TYPE:**  
ELIFD

**MARVIN** RESEARCH & DEVELOPMENT

COLLECTION: ELEVATE

DWG TYPE: INSTALLATION  
 DESCRIPTION: INSTALLATION METHODS, NAIL FIN/THROUGH JAMB, FL10196

CHK: SAL	SIZE: B	CLASS: ASSY	DWG NO: 00100299
APP: SRB	SCALE: 1:3	DATE: 04/26/16	DWG BY: BORKOWSKI, WILLIAM
			SHEET: 1 OF 1

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