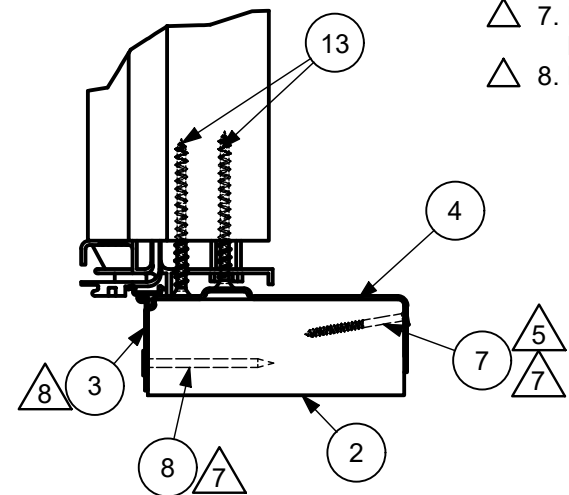
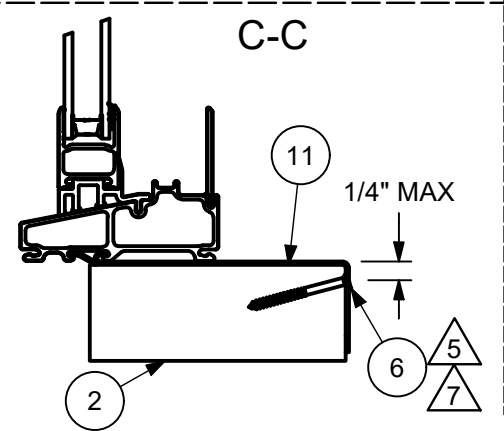
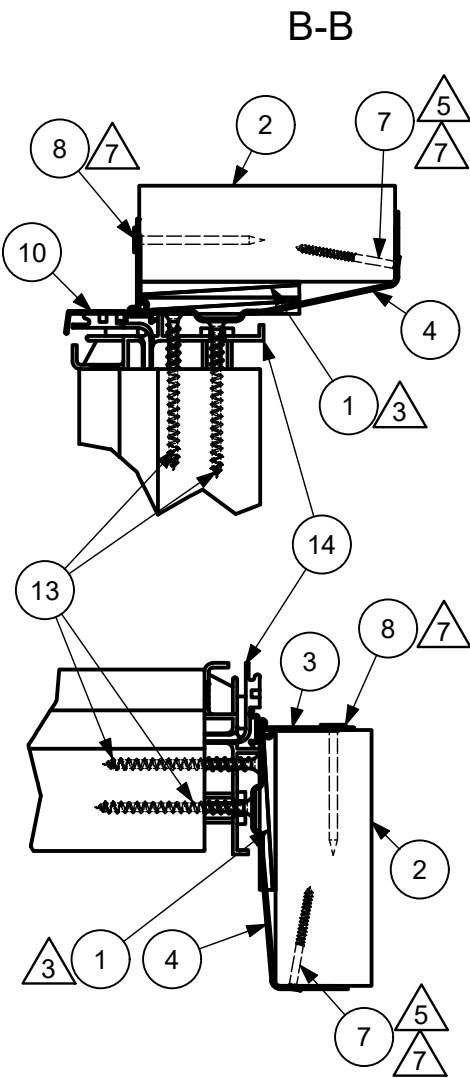
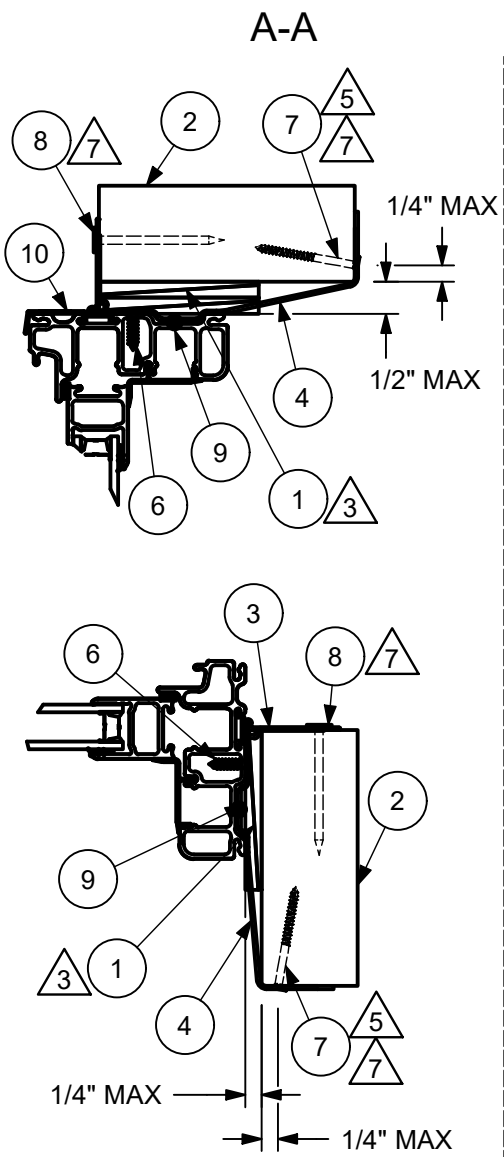
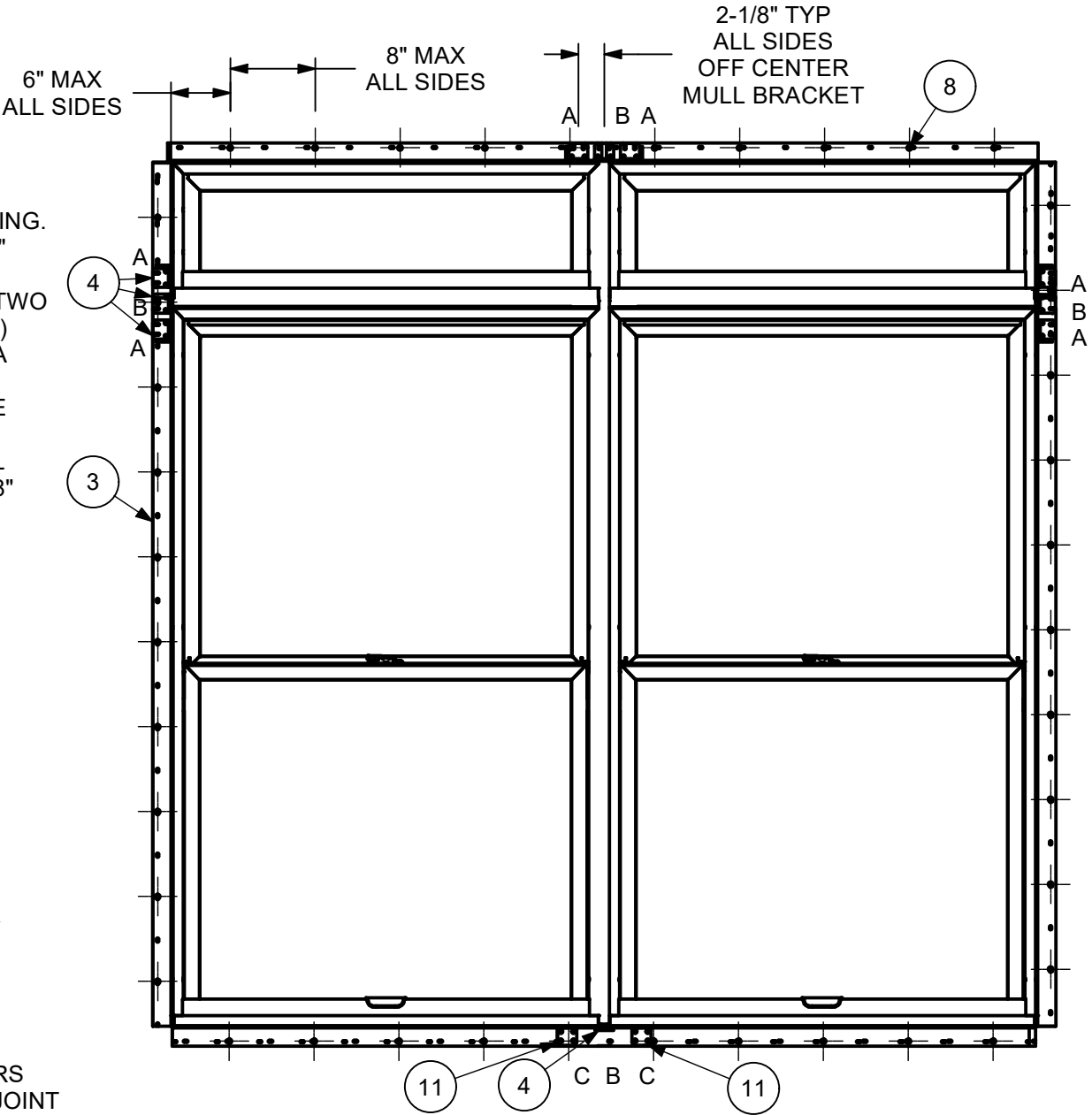




**NAILING FIN INSTALLATION IS APPROVED
FOR THE FOLLOWING PRODUCTS:**
FL 17163 - AU CERTIFIED MULL

- NAILING FIN INSTALLATION**
- MULL INSTALLATION BRACKETS:
 - FOR MRF MULLS, ATTACH 3 PER MULL END WITH 2.125" SPACING.
 - FOR STANDARD MULLS, ATTACH 2 PER MULL END WITH 2.125" SPACING FROM CENTER.
 - FASTEN CENTER BRACKET INTO MULL REINFORCEMENT WITH TWO #10 X 2-1/2" SCREWS (INTERIOR AND EXTERIOR CENTER HOLES)
 - ON JAMB AND HEAD JAMB BRACKETS, APPLY A LINE OF 1/4" APA RATED AFG-1 SPEC C290 CONSTRUCTION ADHESIVE AT EACH BRACKET LOCATION. FASTEN OUTSIDE BRACKETS INTO FRAME WITH TWO #7 X 5/8" SCREWS (EXTERIOR SIDE HOLES)
 - SLIDE FLAT STRUCTURAL BRACKETS INTO T-SLOT ACROSS SILL
 - ATTACH INSTALLATION BRACKETS TO FRAMING WITH TWO 1-5/8" DRYWALL SCREWS
 - SECURE NAILING FIN WITH 2" GALVANIZED ROOFING NAILS, MINIMUM OF TWO PER SIDE. SPACE PER ELEVATION

- NOTES:**
1. FOR GENERAL SPECIFICATIONS, REFER TO DOC 00003952
 2. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY, FOR FLASHING & SEALING INSTRUCTIONS, REFER TO THE INSTALLATION INSTRUCTIONS
 - △ 3. SHIMS:
 - PLACE SHIMS WITHIN 4"-6" OF EACH CORNER AND SPACE ALL OTHERS EVENLY, A MAXIMUM OF 15" APART
 4. IF CHEMICALLY TREATED LUMBER IS USED FOR FRAMING MATERIAL, FASTENERS INTO THE FRAMING MUST BE A MINIMUM OF 0.90 OZ/FT^2 ZINC HOT DIPPED GALVANIZED OR STAINLESS STEEL TYPE 304 OR 316
 - △ 5. MAY INSTALL TO EXTERIOR BRACKET TAB AS WELL. ONLY ONE SIDE IS NECESSARY
 6. ESDH/ESDH P ASSEMBLY SHOWN
 - △ 7. FASTENERS SHALL BE LONG ENOUGH TO PENETRATE A MINIMUM OF 1-1/2 INCHES INTO THE WALL FRAMING MEMBERS
 - △ 8. NAIL FIN IS NON-CONTINUOUS ACROSS SILL AT EACH MULL JOINT



14	00138885	MULL PLUG
13	00101990	SPAX SCREW, #10 X 2-1/2", PH, FH, ZYD
12	00099245	STRUCTURAL BRACKET, 6" STUD WALL
11	00099224	STRUCTURAL BRACKET, 4" STUD WALL
10	00088288	NAILING FIN W/ DRIP CAP
9	NA	APA RATED CONSTRUCTION ADHESIVE
8	NA	2" GALVANIZED ROOF NAIL
7	NA	1-5/8" DRYWALL SCREW
6	00003212	#7-19 X 5/8" TYPE AB-17, FULL THREAD
5	00040437	STRUCTURAL BRACKET, 6" STUD WALL
4	00038223	STRUCTURAL BRACKET, 4" STUD WALL
3	00037405	NAIL FIN, LOCKING
2	NA	FRAMING MATERIAL
1	NA	SHIMS
ITEM	DWG NO	DESCRIPTION
PARTS LIST		

CATEGORY:
CASEMENT, DOUBLE
HUNG, SINGLE HUNG,
GLIDER, DIRECT GLAZE,

UNIT TYPE:
ESAWN, ESCA, ESDG, ESDH, ESGL,
ESDGRT, ESSH, ESDHP, ESCAP,
ESGLTS, ESDHTR, ESCATR

MARVIN  **RESEARCH & DEVELOPMENT**

COLLECTION: ESSENTIAL

DWG TYPE: INSTALLATION
DESCRIPTION: INSTALL METHODS FOR CERTIFIED MULLS, NAILFIN

CHK: BJA 12/27/2023	SIZE: B	CLASS: ASSY	DWG NO: 00090279
APP: JAJ 12/27/2023	SCALE: 1:14	DATE: 3/24/2014	DWG BY: HEPPNER, CALEB SHEET: 1 OF 2