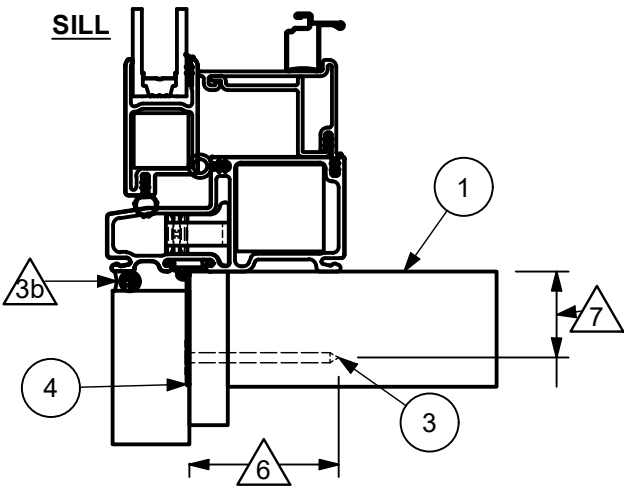
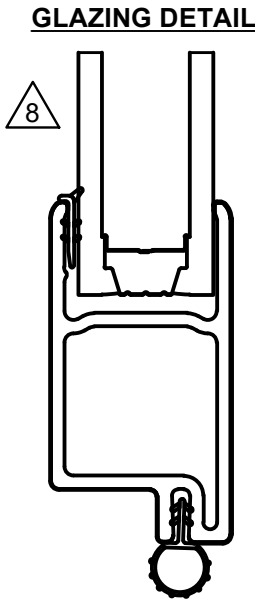
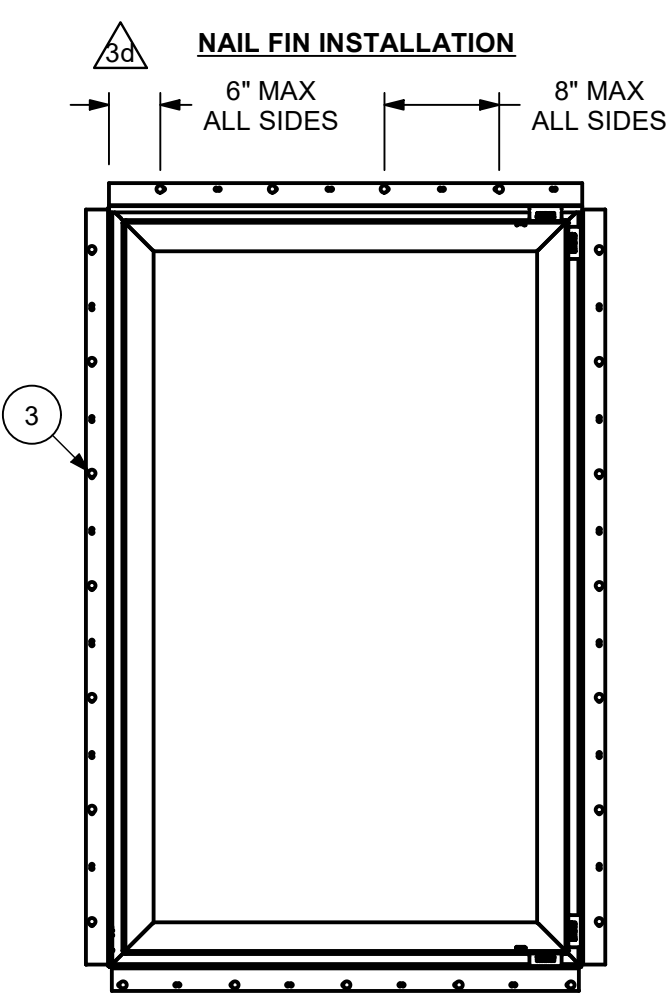
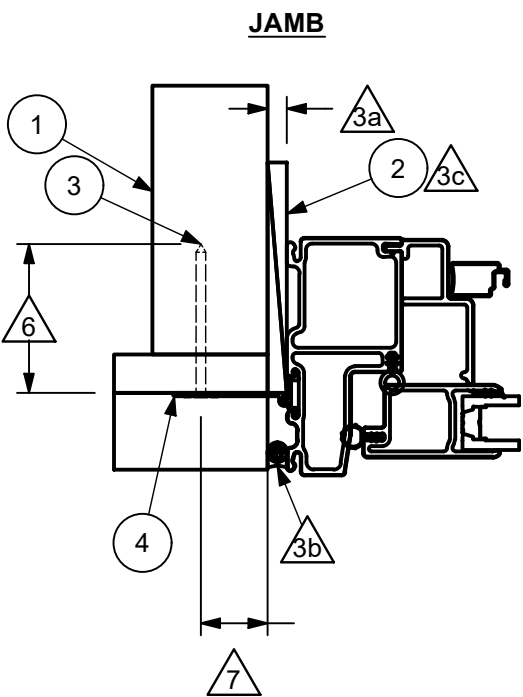
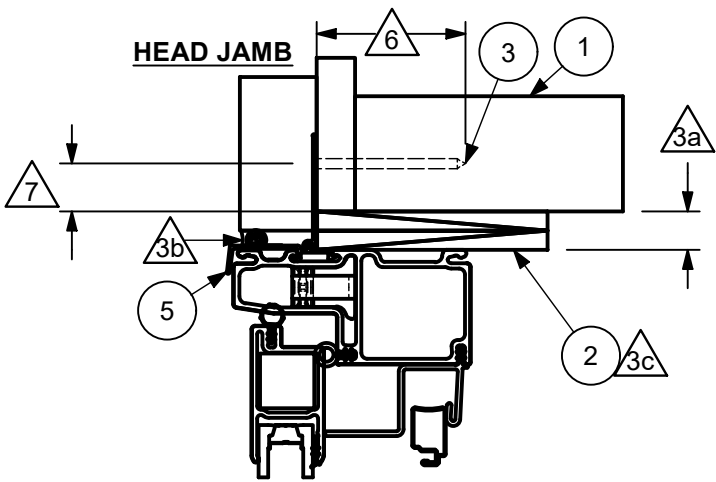




NOTES:

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. APPLY TO ALL INSTALLATION METHODS:
 - a. ROUGH OPENING:
 - MAX OF 1/4" INCH GAP AT POINTS OF ATTACHMENT ON JAMBS AND 1/2" AT HEAD JAMB
 - b. SEALANT:
 - USE ASTM C920 GRADE NS CLASS 25 SEALANT OR EQUIVALENT
 - SEAL BETWEEN NAILING FIN AND BUCK ON ALL FOUR SIDES OF THE UNIT
 - SEAL AROUND FRAME TO WALL WITH BACKER ROD AND SEALANT
 - c. SHIMS:
 - A SHIM MUST BE PLACED AT 4" TO 6" FROM EACH CORNER, EXCLUDING SILL
 - ALL OTHER SHIMS MUST BE PLACED A MAX OF 15" APART
 - d. NAIL FIN:
 - APPLY TO ALL FOUR SIDES OF UNIT
 - MINIMUM OF TWO FASTENERS PER SIDE
4. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING AND SEALING REQUIREMENTS, REFER TO THE INSTALLATION INSTRUCTIONS
5. IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE BUCK MUST BE A MINIMUM OF .90 OZ/FT^2 ZINC HOT DIPPED GALVANIZED STEEL TYPE 304 OR 316
6. MINIMUM NAIL EMBEDMENT DEPTH: 1-15/16"
7. MINIMUM EDGE DISTANCE: 1/2"
8. GLASS COMPLIES WITH ASTM E1300

CATEGORY:
CASEMENT

UNIT TYPE:
ESCA, ESAWN, ESCAP, ESCATR

UNIT	MAX FRAME SIZE	DP RATING
ESAWN	47-1/2 X 35-1/2	+40/-40
ESAWN	59-1/2 X 47-1/2	+40/-40
ESCA	35-1/2 X 83-1/2	+40/-40
ESCA	30-5/16 X 83-1/2	+40/-40
ESCA	35-1/2 X 71-1/2	+40/-40
ESCA	35-1/2 X 54	+40/-40
ESCA	35-1/2 X 34	+40/-40
ESCA	27-7/16 X 83-1/2	+40/-40
ESCA	27-7/16 X 71-1/2	+40/-40
ESCAP	71-1/2 X 71-1/2	+40/-40
ESCAP	47-1/2 X 83-1/2	+40/-40
ESCATR	71-1/2 X 71-1/2	+40/-40

5	00088288	NAILING FIN W/ DRIP CAP
4	00037405	NAIL FIN, LOCKING
3	NA	2" GALVANIZED ROOFING NAIL
2	NA	SHIM
1	NA	STANDARD FRAMING MATERIAL
ITEM	DWG NO	DESCRIPTION

PARTS LIST

MARVIN  RESEARCH & DEVELOPMENT				
COLLECTION: ESSENTIAL				
DWG TYPE: INSTALLATION DESCRIPTION: INSTALLATION METHODS/ELEVATIONS, NAIL FIN				
CHK: AJE 06/12/24	SIZE: B	CLASS: MISC	DWG NO: 00066687	
APP: MK 06/12/24	SCALE: 1 / 12	DATE: 12/1/2009	DWG BY: WAGNER, MICHAEL	SHEET: 1 OF 2