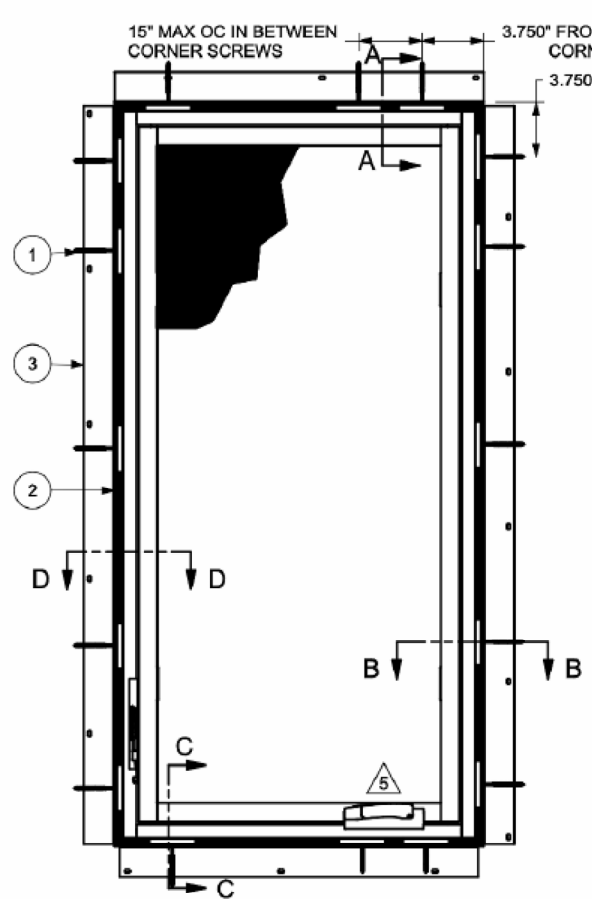
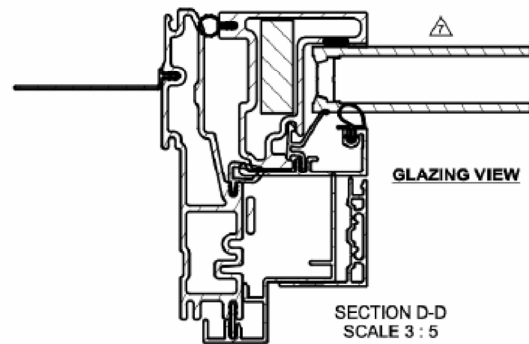




- NOTES:**
1. FOR GENERAL SPECIFICATIONS, REFER TO DOC 00003952
 2. THIS PRINT IS FOR STUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING INSTRUCTIONS, REFER TO THE INSTALLATION INSTRUCTIONS.
 3. IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE BUCK MUST BE A MINIMUM OF 0.90 OZ/FT² ZINC HOT DIPPED GALVANIZED OR STAINLESS STEEL TYPE 304 OR 316
 4. INSTALLATION SHOWN APPROVED FOR OPERATING AND STATIONARY UNITS
 - △ 5. OPERTING HARDWARE LOCATION IS VARIABLE
 - △ 6. NAIL FIN FOR ALIGNMENT PURPOSES ONLY. NOT ANCHORED
 - △ 7. GLASS COMPLIES WITH ASTM E1300

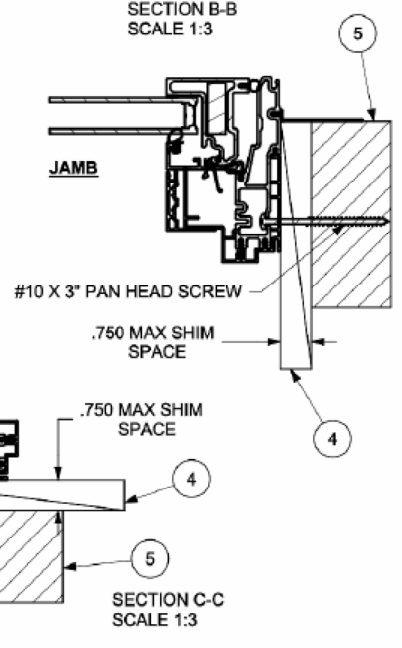
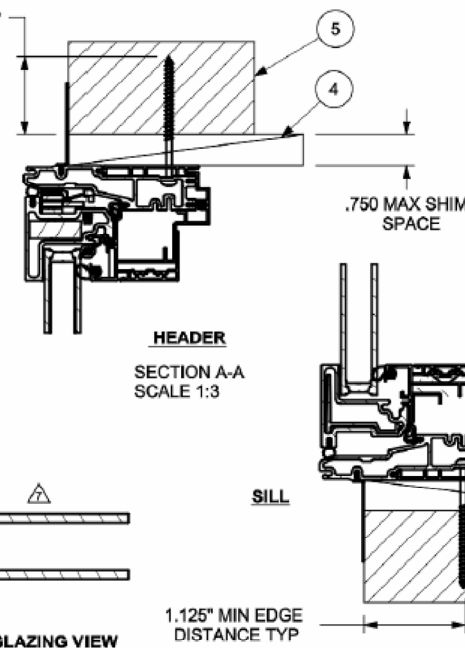
UNIT TYPE	FRAME SIZE	DP RATING
MCA	36 X 102	+50 / -50
MCAPO	32 X 108	+50 / -50
MCAMOTO	40 X 96	+50 / -50
	44 X 92	+50 / -50
MAWN	72 X 72	+50 / -50
	64 X 96	+50 / -50
	96 X 64	+45 / -45
MAWNPO	89 X 48	+50 / -50
MAWNMOTO	92 X 44	+50 / -50
	96 X 40	+50 / -50
MCAP	108 X 74	+50 / -50
	74 X 108	+50 / -50
	102 X 79	+50 / -50
	79 X 102	+50 / -50
	96 X 84	+50 / -50
	84 X 96	+50 / -50



JAMB SCREW INSTALLATION METHOD:
-UNIT MUST NOT BE IN DIRECT CONTACT WITH EITHER CONCRETE OR TREATED BUCK MATERIAL. IF SHIM SPACE IS LESS THAN 1/8" WRAPPING THE UNIT ON ALL 4 SIDES WITH WINDOW FLASHING TAPE IS REQUIRED AS A BARRIER BETWEEN THE UNIT AND CONCRETE OR TREATED LUMBER.
-MINIMUM OF 2 PER SIDE
-SHIM AT EACH SCREW LOCATION.

CATEGORY:
CASEMENT

UNIT TYPE:
MCA, MCAPO, MAWN, MAWNPO, MCAP, MCAMOTO, MAWNMOTO,



MCA = MODERN CASEMENT CRANK OUT
MCAPO = MODERN CASEMENT PUSH OUT
MAWN = MODERN AWNING CRANK OUT
MAWNPO = MODERN AWNING PUSH OUT
MCAP = MODERN CASEMENT PICTURE
MCAMOTO = MODERN CASEMENT MOTORIZED
MAWNMOTO = MODERN AWNING MOTORIZED

5	XXXXXXX	FRAMING
4	XXXXXXX	SHIMS
3	00110243	NAIL FIN
2	00110353	UNIT, CASEMENT, CRANKOUT
1	00109249	#10-12 X 3.000" TORX T20, PH, 2/3 THREAD
ITEM	DWG NO	DESCRIPTION
PARTS LIST		
MARVIN RESEARCH & DEVELOPMENT		
COLLECTION: MODERN		
DWG TYPE: INSTALLATION		
DESCRIPTION: INSTALLATION METHODS		
CHK:	SIZE: B	CLASS: ASSY
APP:	SCALE: 1:8	DATE: 10/28/2018
DWG NO: 00115654		SHEET: 1 OF 2
DWG BY: BALDWIN, JACOB		

1.1	ADDED MCAP, MCAMOTO & MAWNMOTO USAGE & CHART INFO. REPLACED ITEM 1 00111121 WITH 00109249 IN PART LIST	PEND	01/30/2024	JAB
REV	DESCRIPTION / REQUESTOR	ECN NO	DATE	REV BY

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