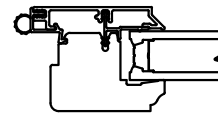
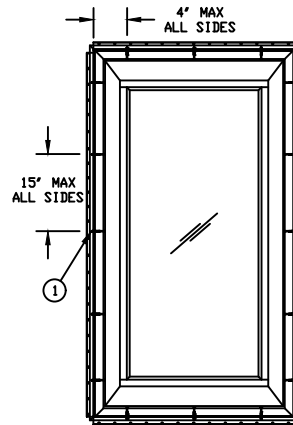


NARROW FRAME PRODUCT DETAILS

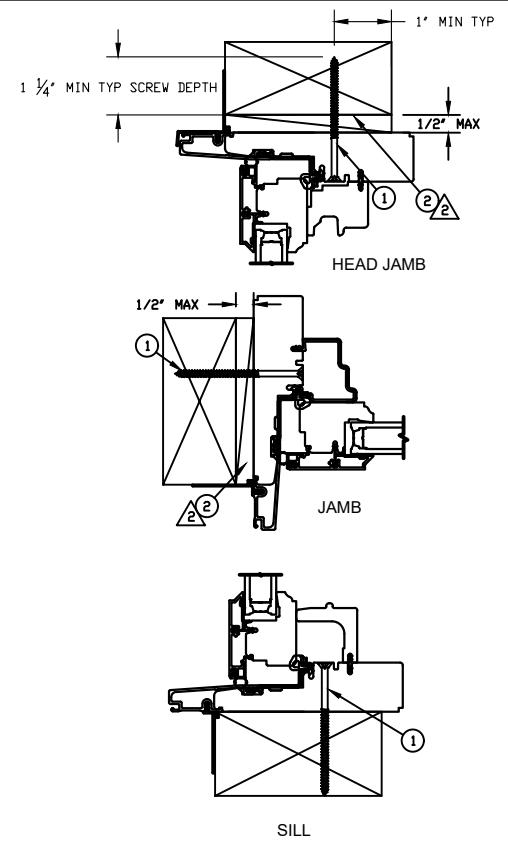
JAMB SCREW INSTALLATION METHOD:

- 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.
- SECURE ALL SIDES WITH #8 X 3" SCREWS.
- SHIM AT EACH SCREW LOCATION.
- ALTERNATE SUBSTRATES ALSO APPLY PROVIDED SCREW SIZE IS EQUAL TO OR LARGER THAN A #8 SCREW.
- FOR DIRECT MOUNT TO CONCRETE 3/16" CONCRETE SCREWS MAY BE SUBSTITUTED FOR THE # 8 SCREWS; THE SCREW MUST BE FULLY SUPPORTED BY SHIM MATERIAL AND HAVE A MINIMUM EDGE DISTANCE OF 2" AND MINIMUM PENETRATION OF 1 1/4". MAXIMUM SHIM SPACE BETWEEN CONCRETE AND UNIT IS 1/2".

JAMB SCREW INSTALLATION



GLASS COMPLIES WITH ASTM E1300
GLASS DETAIL



FULL FRAME PRODUCT DETAILS

NOTES FOR ALL METHODS:

1. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING INSTRUCTIONS, REFER TO THE INSTALLATION INSTRUCTIONS.

2. SHIMS

PLACE A SHIM WITHIN 4-6 INCHES OF EACH CORNER AND SPACE ALL OTHERS EVENLY A MAXIMUM OF 15" APART.

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.


UNIT	MAX FRAME SIZE	DP RATING
UL CSMNT P	120 X 80 DR 80 X 120	+40/-40
UL CSMNT PDP	120 X 80 DR 80 X 120	+40/-40
UL CSMNT P	72 X 71 1/8 DR 71 1/8 X 72	+50/-50
UL CSMNT PDP	72 X 71 1/8 DR 71 1/8 X 72	+50/-50
UL CSMNT P	88 X 96 1/8 DR 96 1/8 X 88	+50/-50
UL CSMNT PDP	88 X 96 1/8 DR 96 1/8 X 88	+50/-50
UL CSMNT P	60 X 99 DR 99 X 60	+50/-50
UL CSMNT NFP	60 X 99 DR 99 X 60	+50/-50
UL CSMNT P	64 X104 DR 104 X 64	+50/-50
UL CSMNT NFP	64 X104 DR 104 X 64	+50/-50
UL CSMNT PDP	64 X104 DR 104 X 64	+50/-50
UL CSMNT NFPDP	64 X104 DR 104 X 64	+50/-50

3	-----	WOOD BUCK BY OTHER
2	-----	SHIM
1	-----	#8 X 3.000 WOOD SCREW
ITEM NO	REF NO	DESCRIPTION

UNSPECIFIED TOLERANCES	
DECIMALS: XX ± .03 XXX ± .012	ANGLE DEG: ± .5
LINEAL: + .125 - .000	FAB LINEAL: ± N/A

MATERIAL:

N/A

MARVIN 		RESEARCH & DEVELOPMENT	
PRODUCT CATEGORY:	ULTIMATE CASEMENT		
UNIT TYPE:	UCAP, UCANFP, UCANFPOP, UCAPOP		
DWG TYPE:	INSTALLATION		
DESCRIPTION:	INSTALLATION		
CHK:	SIZE: B	CLASS: MISC	DWG NO: 00100231
APP:	SCALE: NA	DATE: 04/20/16	DWG BY: BORNEMAN, SKIP
			SHEET: 1 OF 1

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