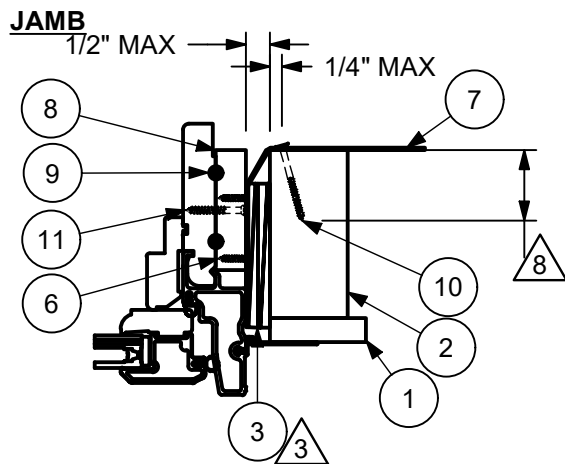
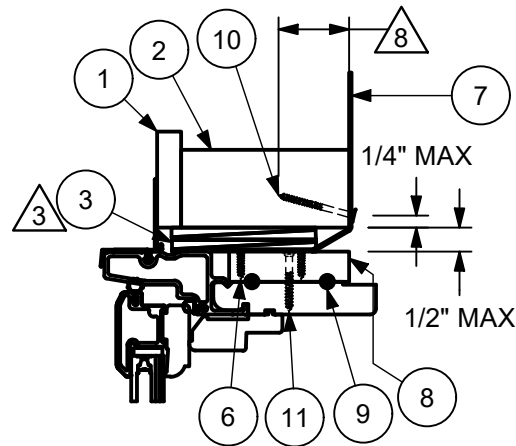
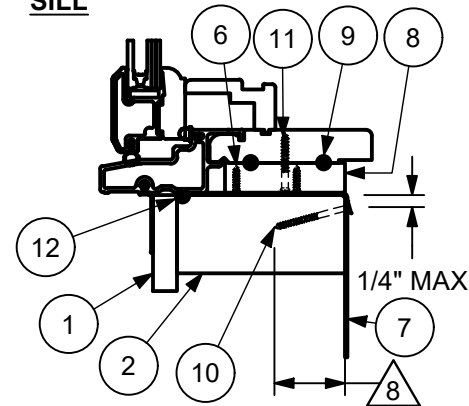


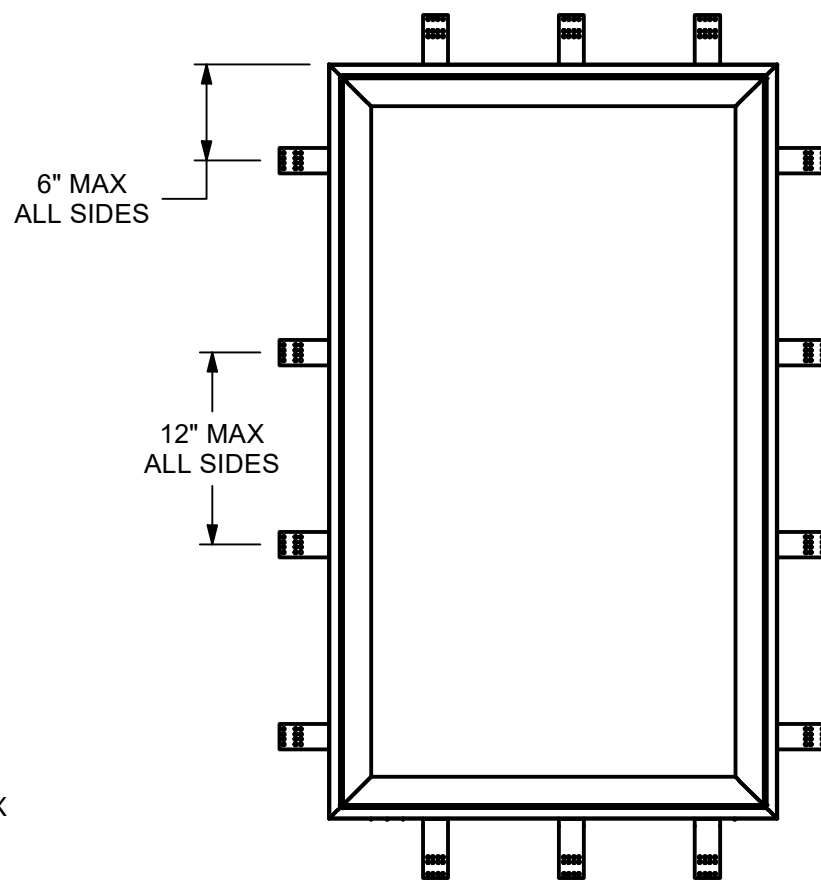
HEAD JAMB



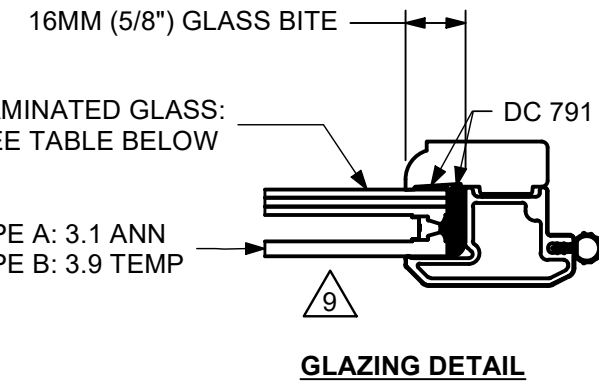
SILL



STRUCTURAL BRACKET INSTALLATION



SCALE 1:12



UNIT	MAX FRAME SIZE	DP RATING	GLASS TYPE
ELAWN IZ3	32 X 47 1/8	+55/-65	TYPE A
ELAWN IZ3	48 X 47 1/8	+55/-65	TYPE B
ELCA IZ3	32 X 63 1/8	+55/-65	TYPE A
ELCA IZ3	36 X 71 1/8	+55/-65	TYPE B
ELCA P/TR IZ3	32 X 63 1/8	+55/-65	TYPE A
ELCA P/TR IZ3	56 X 71 1/8	+55/-65	TYPE B
ELCA P/TR IZ3	72 X 55 1/8	+55/-65	TYPE B

NOTES:

- FOR GENERAL SPECIFICATIONS, REFER TO DOC 00003952
- THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING INSTRUCTIONS, REFER TO THE INSTALLATION INSTRUCTIONS.
- SHIMS:
 - PLACE SHIMS WITHIN 4" - 6" OF EACH CORNER AND SPACE ALL OTHERS EVENLY, A MAXIMUM OF 15" APART
- 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
- #8 X 1 1/4" PAN HEAD OR WAFFLE HEAD SCREWS MAY BE SUBSTITUTED FOR 2" ROOFING NAILS
- MINIMUM NAIL EMBEDMENT DEPTH: 1-15/16"
- MINIMUM EDGE DISTANCE: 1/2"
- MINIMUM SCREW EMBEDMENT DEPTH: 1-7/16"
- GLASS COMPLIES WITH ASTM E1300

STRUCTURAL BRACKET INSTALLATION:

- APPLY 5/8" X 2 1/2" FULL LENGTH #2 PINE OR 5/8" X 2 1/2" EXTERIOR GRADE C PLYWOOD WITH TWO 5/16" DIA BEADS OF APA RATED AFG-1 SPEC CONSTRUCTION ADHESIVE TO HEAD JAMB, JAMB AND SILL
- FASTEN WITH 1 1/4" DRYWALL SCREWS ALONG THE CENTER OF FILLER SPACED 6" FROM THE ENDS AND 12" ON CENTER
- ATTACH STRUCTURAL BRACKETS TO THE UNIT WITH TWO #7 X 5/8" SCREWS SPACE BRACKETS PER ELEVATION, MINIMUM OF TWO BRACKETS PER SIDE
- WRAP BRACKETS TO THE INTERIOR OF FRAMING
- PREDRILL TWO 5/32" HOLES THROUGH BRACKET
- ATTACH EACH BRACKET TO THE FRAME USING TWO #8 1-5/8" DRYWALL SCREWS. ANGLE SCREWS TOWARDS THE THICKER PART OF THE FRAMING

TYPE	LAMINATED GLASS MAKEUP
TYPE A	2.2MM (0.087") ANN + 2.3MM (0.091") PVB + 2.2MM (0.087") ANN
TYPE B	2.2MM (0.087") ANN + 2.3MM (0.091") PVB + 2.2MM (0.087") ANN

12	NA	ASTM C920 GRADE NS, CLASS 25 SEALANT
11	NA	#8 1-1/4" DRYWALL SCREW
10	NA	1-5/8" DRYWALL SCREW
9	NA	APA RATED CONSTRUCTION ADHESIVE
8	NA	5/8" X 2-1/2" FILLER BY CONTRACTOR
7	00003778	STRUCTURAL BRACKET 6" & 10"
6	00003212	#7 X 5/8" SCREW
5	NA	2" GAL. ROOF NAIL
4	00050381	INSTALLATION CLIP
3	NA	SHIMS
2	NA	FRAMING MATERIAL
1	NA	SHEATHING
ITEM	DWG NO	DESCRIPTION
PARTS LIST		



COLLECTION: ELEVATE

DWG TYPE: INSTALLATION
DESCRIPTION: INSTALLATION METHODS/ELEVATIONS, STRUCTURAL BRACKETS, ELCA P IZ3

CHK: JDD	SIZE: B	CLASS: MISC	DWG NO: 00052395
APP: CRR	SCALE: 1:4	DATE: 10/24/2007	DWG BY: HEPPNER, CALEB
			SHEET: 1 OF 2

10.1	UPDATED UNIT TYPES, UPDATED ITEM 11 DESCRIPTION, ADDED NEW UNIT TYPES TO APPROVED INSTALLATION METHODS; REMOVED LAST BULLET ON INSTALL NOTES; UPDATED DESCRIPTION	27544	4/14/2023	JH
REV	DESCRIPTION / REQUESTOR	ECN NO	DATE	REV BY

CATEGORY: CASEMENT

UNIT TYPE: ELCAPIZ3, ELCATRIZ3, ELAWNIZ3

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