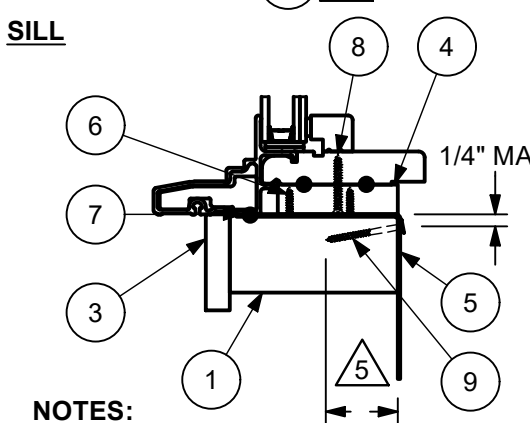
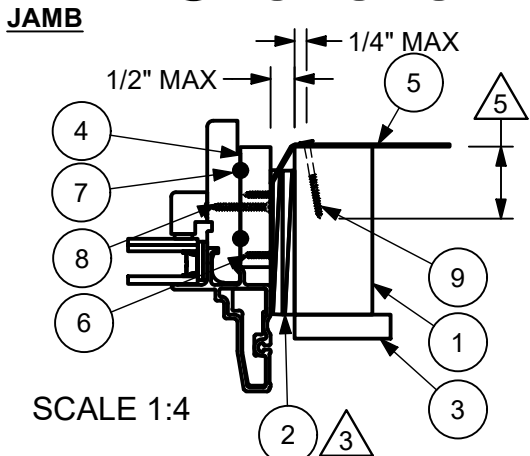
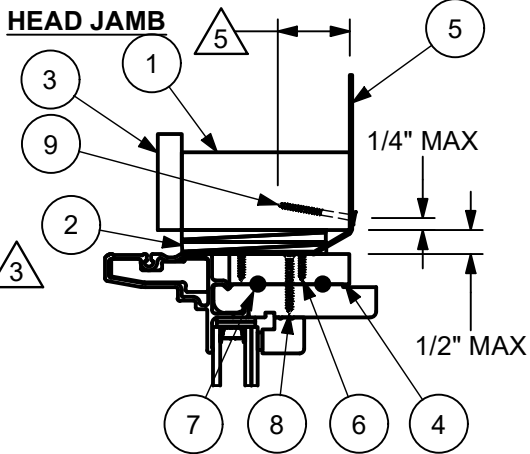
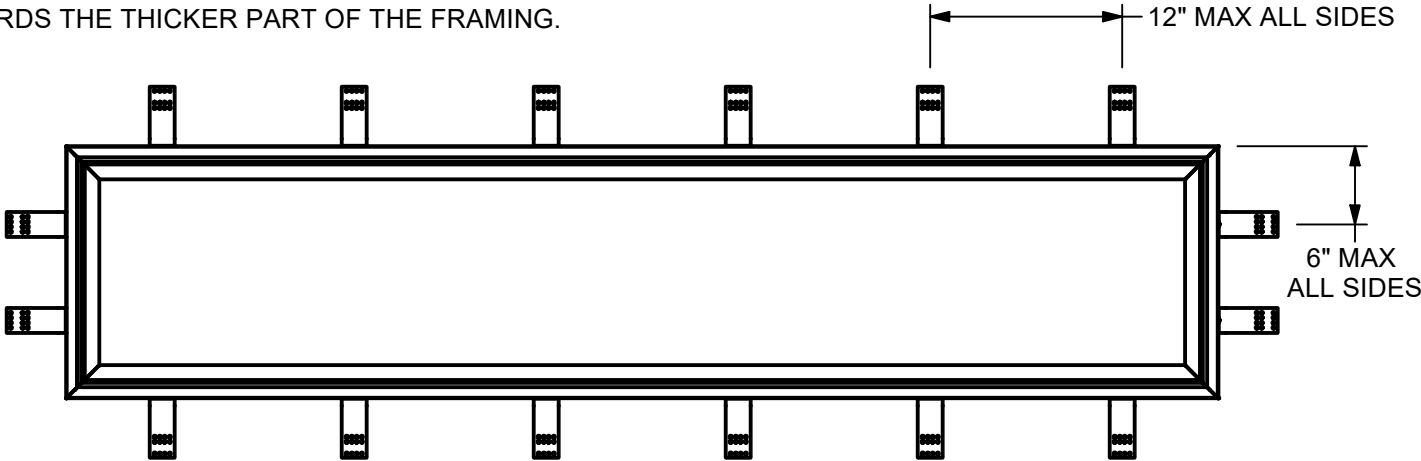




- NOTES:**
- 1. FOR GENERAL SPECIFICATIONS, REFER TO DOC 00003952
 - 2. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING INSTRUCTIONS, REFER TO THE INSTALLATION INSTRUCTIONS.
 - △ 3. SHIMS:
 - PLACE SHIMS WITHIN 4" - 6" OF EACH CORNER AND SPACE ALL OTHERS EVENLY AT A MAXIMUM OF 15" APART
 - 4. IF CHEMICALLY TREATED LUMBER IS USED FOR FRAMING MATERIAL, FASTENERS INTO THE BUCK MUST BE A MINIMUM OF 0.90 OZ/FT^2 ZINC HOT DIPPED GALVANIZED OR STAINLESS STEEL TYPE 304 OR 316
 - △ 5. MINIMUM SCREW EMBEDMENT DEPTH 1 7/16"
 - △ 6. GLASS COMPLIES WITH ASTM E1300

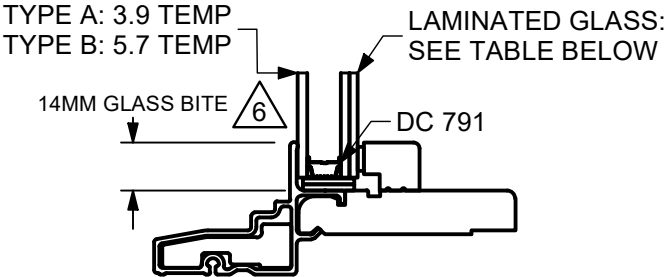
ELDGI Z3 CASEMENT INSTALLATION

- 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 C290 CONSTRUCTION ADHESIVE TO HEADJAMB, JAMB AND SILL.
 - FASTEN WITH 1 1/4" DRYWALL SCREWS. CENTER SCREWS ALONG FILLER BOARD, SPACING THEM 4" FROM THE ENDS AND 12" ON CENTER.
 - ATTACH EACH STRUCTURAL BRACKET TO THE UNIT WITH TWO #7 X .625" SCREWS. SPACE BRACKETS PER ELEVATION, MINIMUM OF TWO BRACKETS PER SIDE.
 - APPLY A 5/16" DIA BEAD OF ASTM C920 GRADE NS, CLASS 25 SEALANT TO BOTTOM OF SILL ULTREX.
 - WRAP BRACKETS TO THE INTERIOR OF FRAMING.
 - PREDRILL TWO 5/32" HOLES THROUGH BRACKET FOR SCREWS TO ATTACH THE BRACKET TO THE FRAMING.
 - ATTACH THE BRACKET TO THE FRAMING USING TWO 1 5/8" DRYWALL SCREWS. ANGLE SCREWS TOWARDS THE THICKER PART OF THE FRAMING.

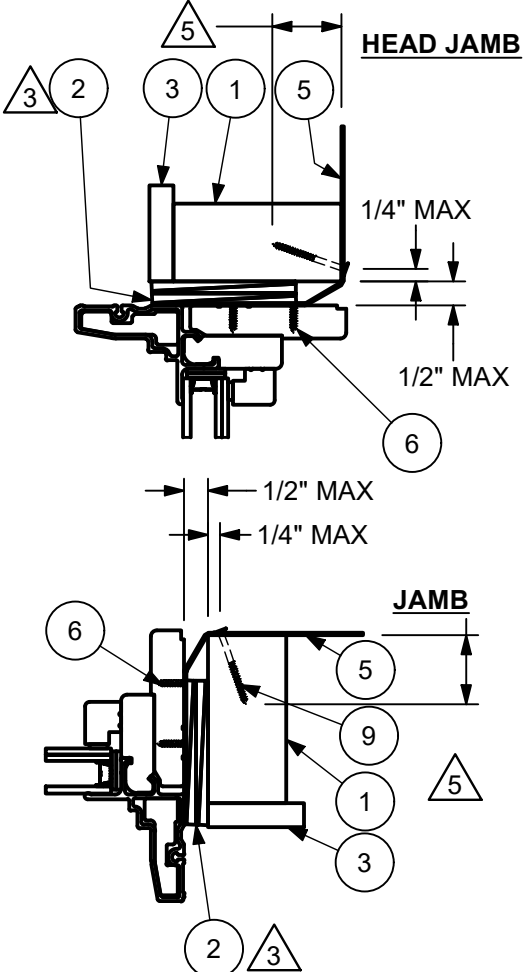
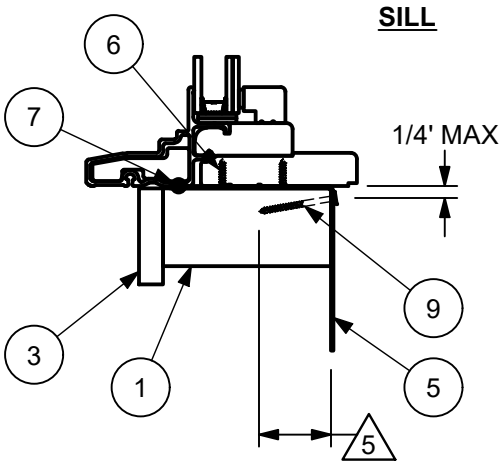


SCALE 1:12

GLAZING DETAIL



TYPE	LAMINATED GLASS MAKEUP
TYPE A	2.2MM (0.087") ANN + 2.29MM (0.090") PVB + 2.2MM (0.087") ANN
TYPE B	3.9MM (0.154") ANN + 2.41MM (0.095") SGP + 3.9MM (0.154") ANN



ELDGI Z3 DH/ DOOR INSTALLATION

- STRUCTURAL BRACKET INSTALLATION:**
- ATTACH EACH STRUCTURAL BRACKET TO THE UNIT WITH TWO #7 X .625" SCREWS. SPACE BRACKETS PER ELEVATION, MINIMUM OF TWO BRACKETS PER SIDE.
 - APPLY 5/16" BEAD OF ASTM C920 GRADE NS, CLASS 25 SEALANT TO BOTTOM OF SILL.
 - WRAP BRACKETS TO THE INTERIOR OF FRAMING.
 - PREDRILL TWO 5/32" HOLES THROUGH BRACKET FOR SCREWS TO ATTACH THE BRACKET TO THE FRAME.
 - ATTACH THE BRACKET TO THE FRAME USING TWO 1 5/8" DRYWALL SCREWS. ANGLE SCREWS TOWARDS THE THICKER PART OF THE FRAMING.

UNIT	MAX FRAME SIZE	DP RATING	GLASS TYPE
ELDGI Z3	72 X 29-1/2	+55/-65	TYPE A
ELDGI Z3	95 X 71-1/2	+55/-65	TYPE B

CATEGORY: DIRECT GLAZE
UNIT TYPE: ELDGI Z3

9	NA	1.625" DRYWALL SCREW
8	NA	1.250" DRYWALL SCREW
7	NA	APA RATED CONSTRUCTION ADHESIVE
6	00003212	#7 X .625" SCREW
5	00003778	STRUCTURAL BRACKET 6" & 10"
4	NA	5/8" X 2.500" FILLER BY CONTRACTOR
3	NA	SHEATHING
2	NA	SHIMS
1	NA	FRAMING MATERIAL
ITEM	DWG NO	DESCRIPTION
PARTS LIST		

MARVIN**RESEARCH & DEVELOPMENT**

COLLECTION: ELEVATE

DWG TYPE: INSTALLATION
DESCRIPTION: INSTALLATION, STRUCTURAL BRACKET,IMPACT, DIRECT GLAZE

CHK:	SIZE: B	CLASS: ASSY	DWG NO: 00051692
APP:	SCALE: 1:4	DATE: 9/30/2007	DWG BY: HEPPNER, CALEB
			SHEET: 1 OF 2