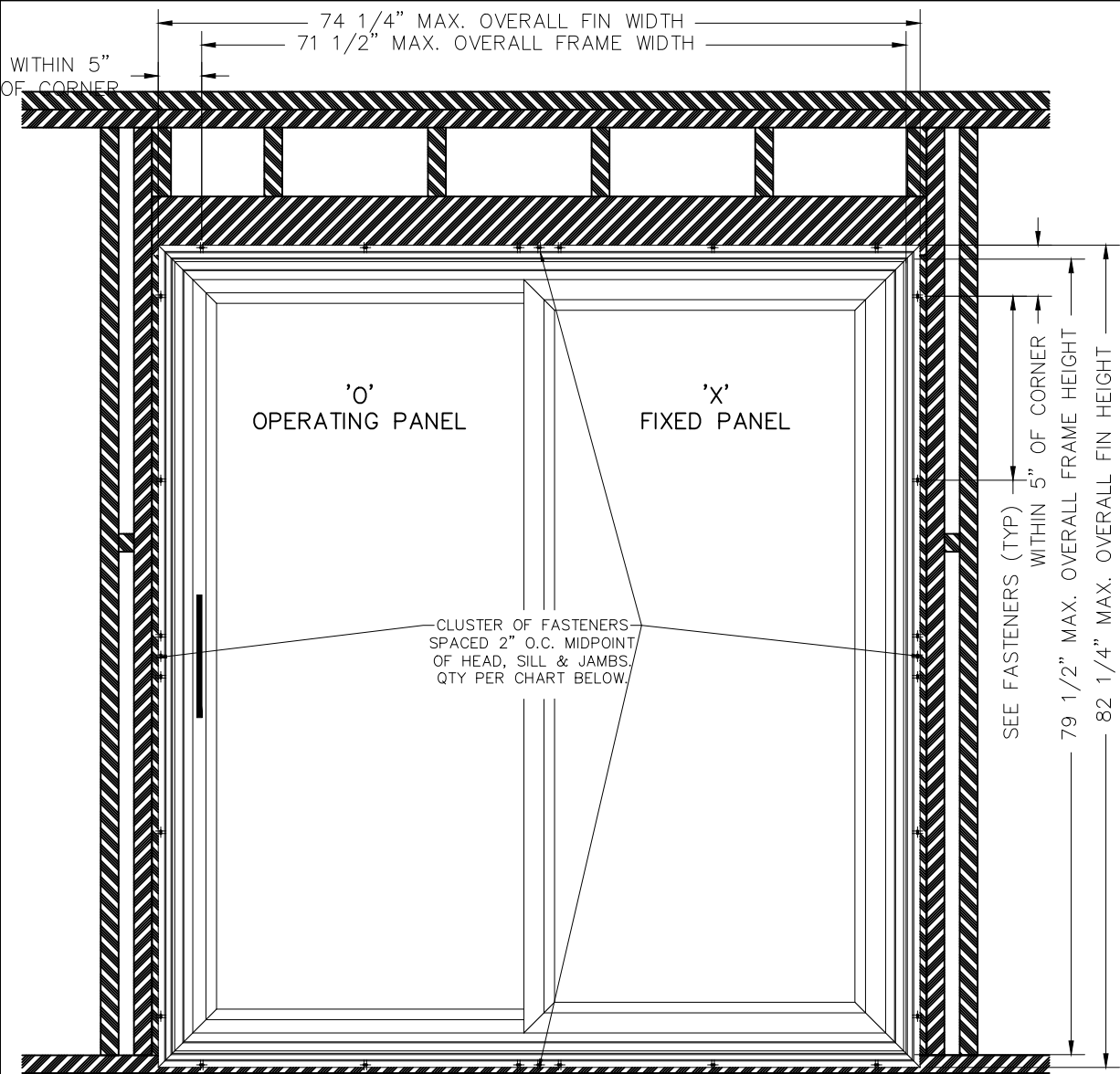




FASTENERS

SCREWS, NAILS, OR STAPLES MAY BE USED AS FASTENERS FOR YOUR INSTALLATION INTO WOOD FRAMING. THE FASTENER MUST PENETRATE THE FRAMING AT LEAST ONE (1") INCH, ALLOWING FOR EXTERIOR SHEATHING.

FASTENERS FOR USE IN WOOD FRAMING INCLUDE:	FASTENERS SHOULD BE SPACED A MAXIMUM OF 2" FROM THE MOUNTING FLANGE CORNERS AND A MAXIMUM ON CENTER SPACING AROUND THE PERIMETER OF THE MOUNTING FLANGE PER FASTENER LISTED BELOW		
	90mph	130mph	140mph
6d SMOOTH SHANK NAILS (MIN. 1" W PENETRATION)	0'-10"	0'-5"	0'-4"
6d RING SHANK NAILS	0'-10"	0'-5"	0'-4"
16 GAUGE ADHESIVE COATED STAPLES, 7/16" CROWN	0'-10"	0'-7"	0'-6"
#8 PAN HEAD SCREW	0'-10"	0'-10"	0'-10"
#8 HEX HEAD SCREW	0'-10"	0'-10"	0'-10"

NOTES:

ANY FASTENER, EITHER SCREW, NAIL, OR STAPLE THAT IS LEFT EXPOSED TO THE WEATHER SHOULD BE PLATED OR OTHERWISE COATED TO PREVENT CORROSION.

THE FASTENER LOCATION FROM THE MOUNTING FLANGE EDGE SHOULD BE NO LESS THAN 0.135 FOR ALL PRODUCTS.

NOTES:

- DESIGN CONDITIONS ARE PER 24 CFR 3280.305 AND ASCE 7-88. ALLOWABLE DESIGN PRESSURE IS +58.0/-58.0 PSF FOR ZONE 5 INSTALLATION, QUALIFIES ZONE 4.
- ANCHORAGE REQUIREMENTS ARE PER ATI EVALUATION LETTER H9307.01-122-34.
- ANCHORAGES DEPICTED ARE FOR STRUCTURAL LOADS ONLY. FLASHING AND SEALING FOR AIR INFILTRATION AND WATER PENETRATION HAVE NOT BEEN EVALUATED IN THE ANCHORAGE ANALYSIS.
- INSTALL ANCHORS PER SPACING AND EMBEDMENT REQUIREMENTS SHOWN ON THIS SHEET.
- INSTALL ANCHOR PER MANUFACTURERS INSTALLATION INSTRUCTIONS.
- THE BUILDING SUBSTRATE IS ASSUMED TO HAVE THE INTEGRITY TO RESIST THE ANCHOR LOADS DEVELOPED BY THE PRODUCTS AS CALCULATED IN ATI EVALUATION LETTER H9307.01-122-34.

1. ROUGH OPENING PREPARATION

- OPENING FOR DOORS SHOULD BE FRAMED IN ORDER NOT TO APPLY ANY LOADING TO THE DOOR WHICH MAY HAMPER ITS OPERATION. THE PREPARED ROUGH OPENING SHOULD ALLOW A MINIMUM 1/8" TO 1/4" MAXIMUM CLEARANCE ON EACH SIDE, THE HEAD AND THE SILL, INCLUDING THE THICKNESS OF PRE-FINISHED PANELING, SHIMS, LINERS, ETC., WHERE USED.

- DOOR ROUGH OPENING SHOULD BE LEVEL, PLUMB AND SQUARE BY CHECKING WIDTH, HEIGHT, AND DIAGONAL MEASUREMENTS. IT IS RECOMMENDED THAT THE SILL OF THE ROUGH OPENING BE STRAIGHT AND LEVEL. BOWED OR WARPED SILL FRAMING MEMBERS CAN RESULT IN A CROWNED SILL OF THE DOOR.

2. DOOR INSTALLATION

NOTE: INSTALLING VINYL DOORS WITH VINYL NAILING FINs ON TOP OF VERTICAL OR HORIZONTAL METAL SIDING WILL VOID ALL WARRANTIES. VINYL NAILING FINs WILL BE DAMAGED AND LEAKS MAY OCCUR.

- APPLY A QUALITY, NON-HARDENING, WATER RESISTANT SEALANT TO THE BACK OF THE DOOR MOUNTING FLANGES IN ORDER TO PROVIDE A WATER TIGHT SEAL WITH THE HOMES ENVELOPE. SUITABLE TYPES INCLUDE 1/8" THICK PUTTY OR BUTYL TAPE OR A 1/4" BEAD OF SEALANT. THE TAPE OR CAULK BEAD SHOULD BE APPLIED CENTERED OVER THE MOUNTING HOLES ON THE BACK OF THE DOOR MOUNTING FLANGE.

CAUTION:

- FOR VINYL DOORS, DO NOT USE A SEALANT THAT CONTAINS SOLVENTS WHICH MAY CHEMICALLY ATTACK VINYL.
- THE USE OF FOAM TAPES IS NOT RECOMMENDED FOR DOOR INSTALLATION.

- ALWAYS KEEP OPERATING PANEL CLOSED DURING INSTALLATION.

- CAREFULLY INSERT THE DOOR INTO THE OPENING. CENTER THE DOOR IN THE ROUGH OPENING. PRESS THE MOUNTING FLANGE AGAINST THE MOUNTING SURFACE.

NOTE: ALL FASTENERS SHOULD BE DRIVEN STRAIGHT INTO THE MOUNTING FLANGE. SEE TABLE BELOW FOR FASTENER INFORMATION.

- PLACE FASTENER IN EACH CORNER. PLACE FASTENER ON THE LEFT AND RIGHT SIDE OF THE FRAME AT THE DOOR'S MIDPOINT, CHECK OPERATION.

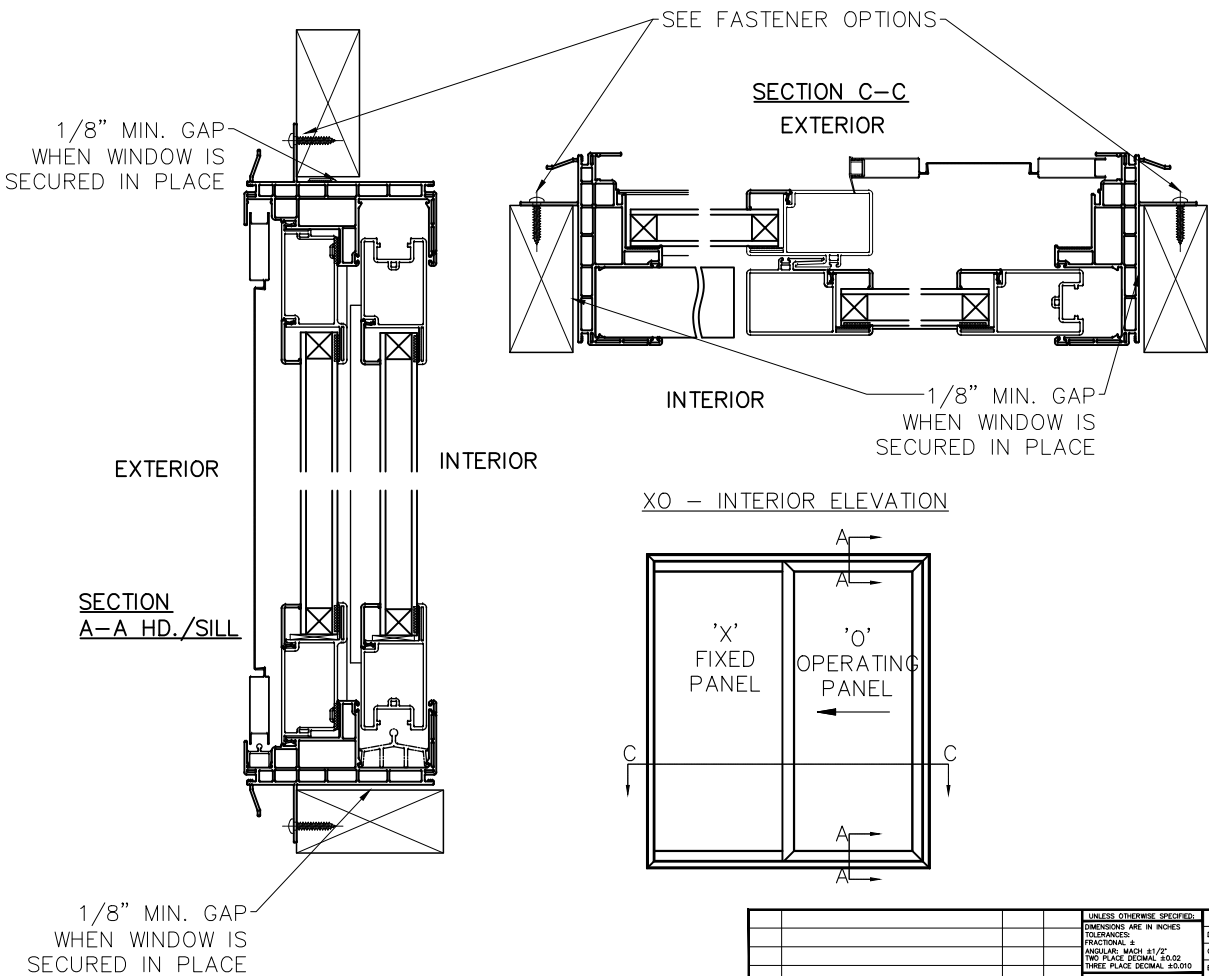
2.4A. OPTIONAL DOOR INSTALLATION PROCEDURE

- STEP 1: INSTALL FASTENER AT MIDPOINT OF DOOR EACH SIDE AT JAMB STUD AND ONE FASTENER AT MIDPOINT OF DOOR SILL.
- STEP 2: INSTALL REMAINING FASTENERS FROM MIDPOINT OF EACH SIDE OF DOOR TO BOTTOM CORNER OF DOOR.
- STEP 3: ONCE DOOR IS IN POSITION TO SECURE TOP OF DOOR, PLACE ONE FASTENER AT MIDPOINT OF DOOR HEADER.
- STEP 4: INSTALL REMAINING FASTENERS FROM MIDPOINT OF EACH SIDE OF DOOR TO TOP CORNER OF DOOR AND FROM TOP CENTER OF DOOR TO EACH CORNER.

- THE DOOR'S EXTERIOR MOUNTING FLANGES SHOULD BE CHECKED AFTER THE INSTALLATION TO ASSURE AN ALL-WEATHER SEAL. IT IS RECOMMENDED TO SEAL THE OUTSIDE TOP OF DOOR (FULL WIDTH) WITH A GOOD QUALITY SEALANT FOR ADDITIONAL INSURANCE AND/OR FLASH AFTER INSTALLATION IN ACCORDANCE AAMA 2400 OR FMA/AAMA 100 OR INSTRUCTIONS PUBLISHED BY THE MANUFACTURER OF THE FLASHING SYSTEM IN USE.

- AN OPERATIONAL CHECK OF EACH INSTALLED EGRESS DOOR OR DEVICE SHALL BE MADE AFTER DOOR INSTALLATION.

- INSERT PROPER NUMBER OF SHIMS TO APPLY SUPPORT WHERE IT IS NEEDED. ENSURE TO NOT UNDER OR OVER SHIM TO PREVENT BOWING OF THE WINDOW. SHIMS SHOULD BE POSITIONED SO THE EDGE OF THE FRAME DOES NOT VARY MORE THAN +/-1/16". SHIMS SHOULD BE RECESSED SUFFICIENTLY TO PROVIDE A CONTINUOUS PERIMETER SEAL.



VERSION DATE: 12/9/2025

UNLESS OTHERWISE SPECIFIED:		INITIALS	DATE	TITLE
DIMENSIONS ARE IN INCHES		DRAWN	12-11-17	800 SERIES
TOLERANCES:		CHECKED		SLIDING GLASS DOOR
FRACTIONAL &		ENG APPR.		INSTALLATION INSTRUCTIONS
ANGULAR, MAX. 1/2"		MFG APPR.		CLAYTON
TWO PLACE DECIMAL, 0.00				WINDOWS
THREE PLACE DECIMAL, 0.000				SIZE: DRAWING NO.
INTERPRET GEOMETRIC				CLAYTON Windows-SGD-Installation Instruct
TOLERANCING PER:				ASSEMBLY NO.
PROPRIETARY AND CONFIDENTIAL				SHEET 1
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