Architectural Glass & Metal Technician
CERTIFICATION PROGRAM

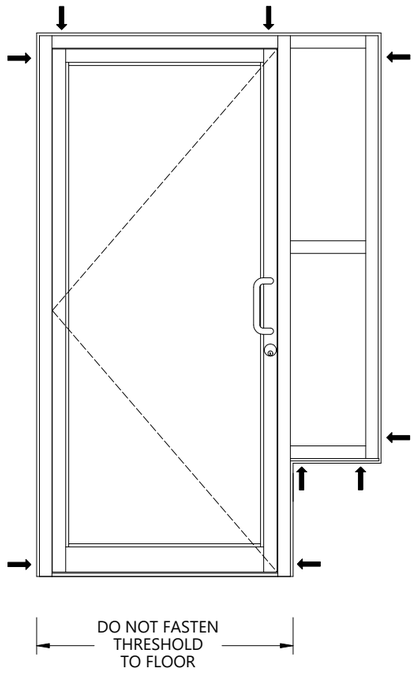
STOREFRONT / ENTRANCE PHYSICAL TEST

PD-33 SF Shop Drawings

Architectural Glass & Metal Technician CERTIFICATION PROGRAM

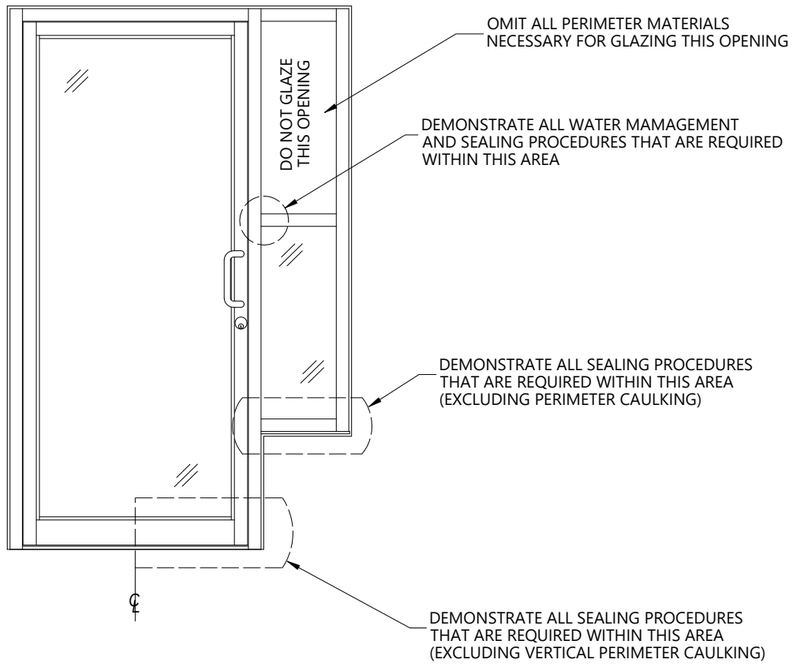
ARCHITECTURAL GLASS & METAL TECHNICIAN CERTIFICATION PROGRAM
PERFORMANCE BASED TEST - STOREFRONT/ENTRANCE

DRAWN BY: **BDB**
DATE: **9/27/19**
SCALE: **N/A**
SHEET: **C-1**

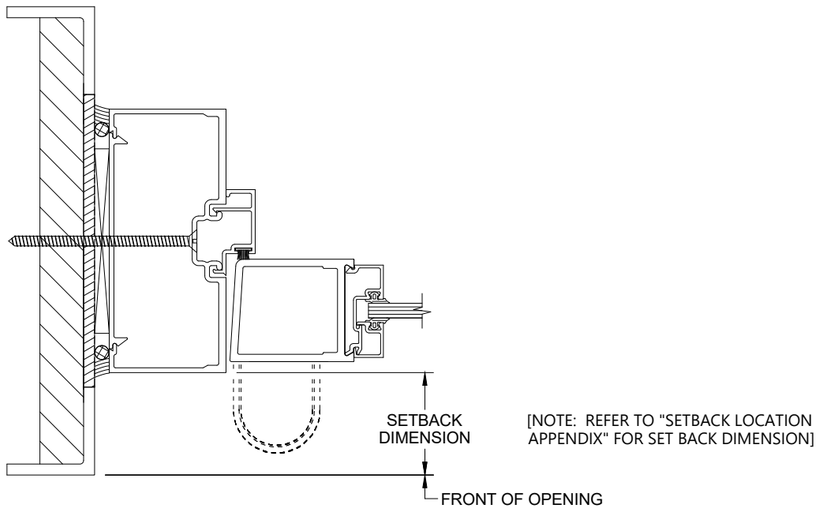


ANCHOR LOCATIONS

NOTE:
APPLICANT MAY USE ANY PRE-DRILLED AND UNCOVERED HOLE WITHIN A GROUPING OF HOLES FOR ANCHORING FRAME.
ONLY 1 FASTENER/ANCHOR PER HOLE GROUPING.
APPLICANT IS NOT TO DRILL ANY HOLES IN THE STOREFRONT SYSTEM.



TEST DIRECTIONS FOR INSTALLATION AND SEALING LOCATIONS



SETBACK LOCATION

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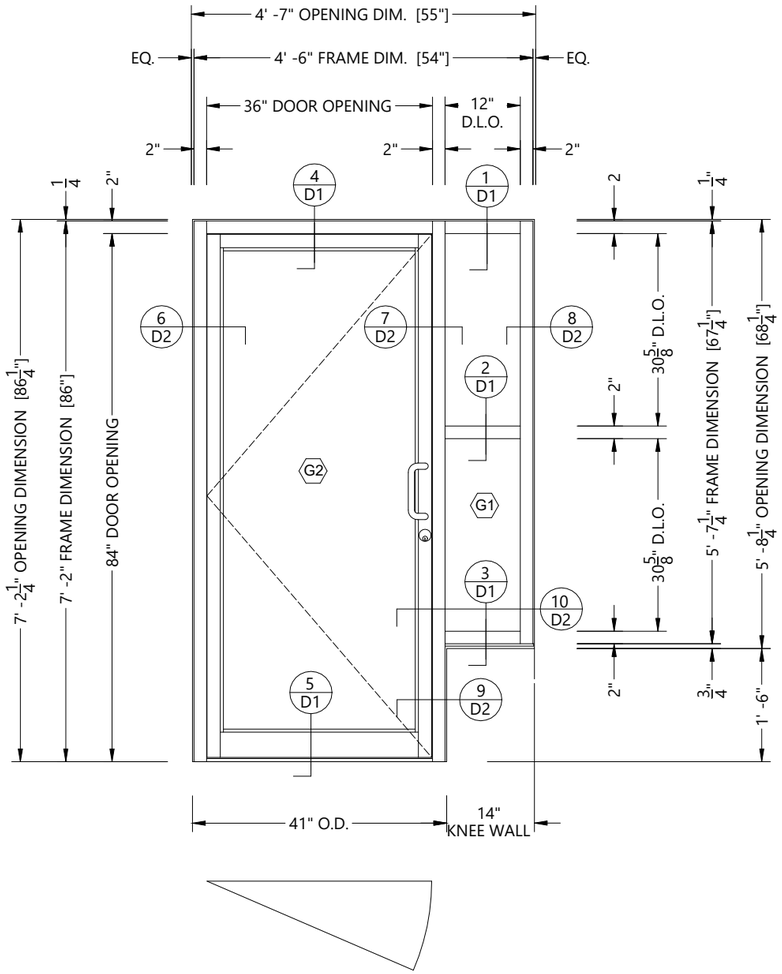

PARTS LIST

	A1414	OPEN BACK HEAD, JAMB, VERTICAL
	A0414	OPEN BACK HORIZONTAL SILL
	A3014	TUBULAR INTERMEDIATE HORIZONTAL
	A5444	CLOSURE POCKET FILLER
	A9504	SILL FLASHING
	A4014	HORIZONTAL GLASS STOP
	A4414	OPEN BACK DOOR JAMB
	A4214	STANDARD TUBULAR DOOR HEADER
	A1354	SNAP-IN DOOR STOP
	A3454	FLAT SNAP-IN FILLER PLATE
	H4311	SHEAR BLOCK
	H2728	ROLL-IN GLAZING GASKET
	H313	SETTING BLOCK
	H531	WATER DIVERTER
	H554	SILL FLASHING END DAM
	F691	1/4"-20 X 1/4" HWH TYPRE 'CA' SCREW
	F944	#10-24 X 1" IND HEX HEAD TYPE F
	F201	#12 X 3" PHILLIPS HEAD FLAT HEAD SHEET METAL SCREW
	F900	#10 X 1-3/4" type B PHILLIPS PAN HEAD (Fastens shear block to verticals)
	F191	#10 X 1/2" PHILLIPS TRUSS HEAD SCREW (Fastens sill to shear block)

GLASS LEGEND

G1 1"INSULATED UNITS (1/4" LEXAN-1/2"A.S.-1/4" LEXAN)

G2 1/4" GLAZING (1/4" lEXAN)

PRODUCTS

GENERAL NOTES

1. ALL SEALANTS AND/OR CAULKING ARE TO BE APPLIED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ALL FRAMING SHALL BE INSTALLED PLUM, SQUARE, AND LEVEL, AND IN STRICT ACCORDANCE WITH MANUFACTURER'S PROVIDED INSTALLATION INSTRUCTIONS.
3. REFER TO SHOP DRAWING DOCUMENT LABELLED "CONTROL LINES APPENDIX" FOR SETBACK OF FRAME FROM FRONT OF OPENING.
4. PERIMETER CAULKING NOT BY AGMT CERTIFICATION APPLICANT.
5. ALL SYSTEM SEALING/CAULKING IS TO BE DEMOSTRATED BY THE USE OF AN UNOPENED SEALANT TUBE TO INDICATE LOCATION AND DIMENSION OF CAULKING.
6. ACTUAL EXTRUSIONS AND PARTS MAY VARY SLIGHTLY IN APPEARANCE FROM THOSE DEPICTED IN THIS SHOP DRAWING.

CONTENT

T-1 TEST DIRECTIONS

T-2 ELEVATION

D-1 VERTICAL SECTION DETAILS

D-2 HORIZONTAL SECTION DETAILS

S-1 ASSEMBLY AND WATER MANAGEMENT DETAILS

S-2 ASSEMBLY AND WATER MANAGEMENT DETAILS

S-3 ASSEMBLY AND WATER MANAGEMENT DETAILS

ABBREVIATIONS

G.C.	GENERAL CONTRACTOR	TYP.	TYPICAL
D.L.O.	DAYLIGHT OPENING	SIM.	SIMILAR
D.O.	OPENING	OPP.	OPPOSITE
D.S.	DOOR SIZE	B.O.	BY OTHERS
F.S.	FRAME SIZE	T.O.S.	TOP OF SLAB
G.S.	GLASS SIZE	R.P.	REFERENCE POINT
O.D.	OPENING DIMENSION	CONT.	CONTINUOUS
V.I.F.	VERIFY IN FIELD		
F.F.	FINISHED FLOOR		
N.T.S.	NOT TO SCALE		

SYMBOLS

/ # DETAIL/PAGE REFERENCE

DOOR SWING

1 REVISION

G1 GLASS

ELEVATION MARKER

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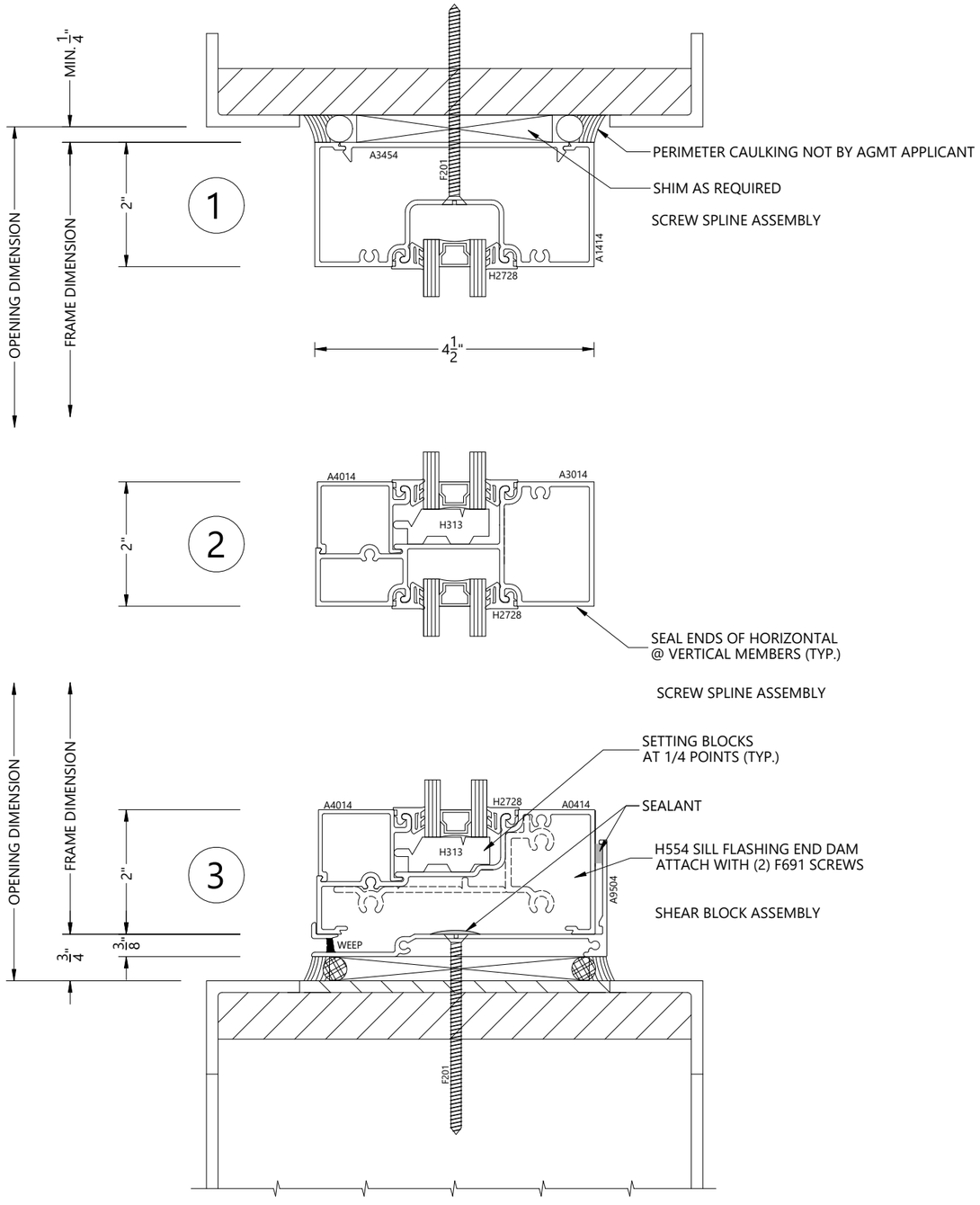

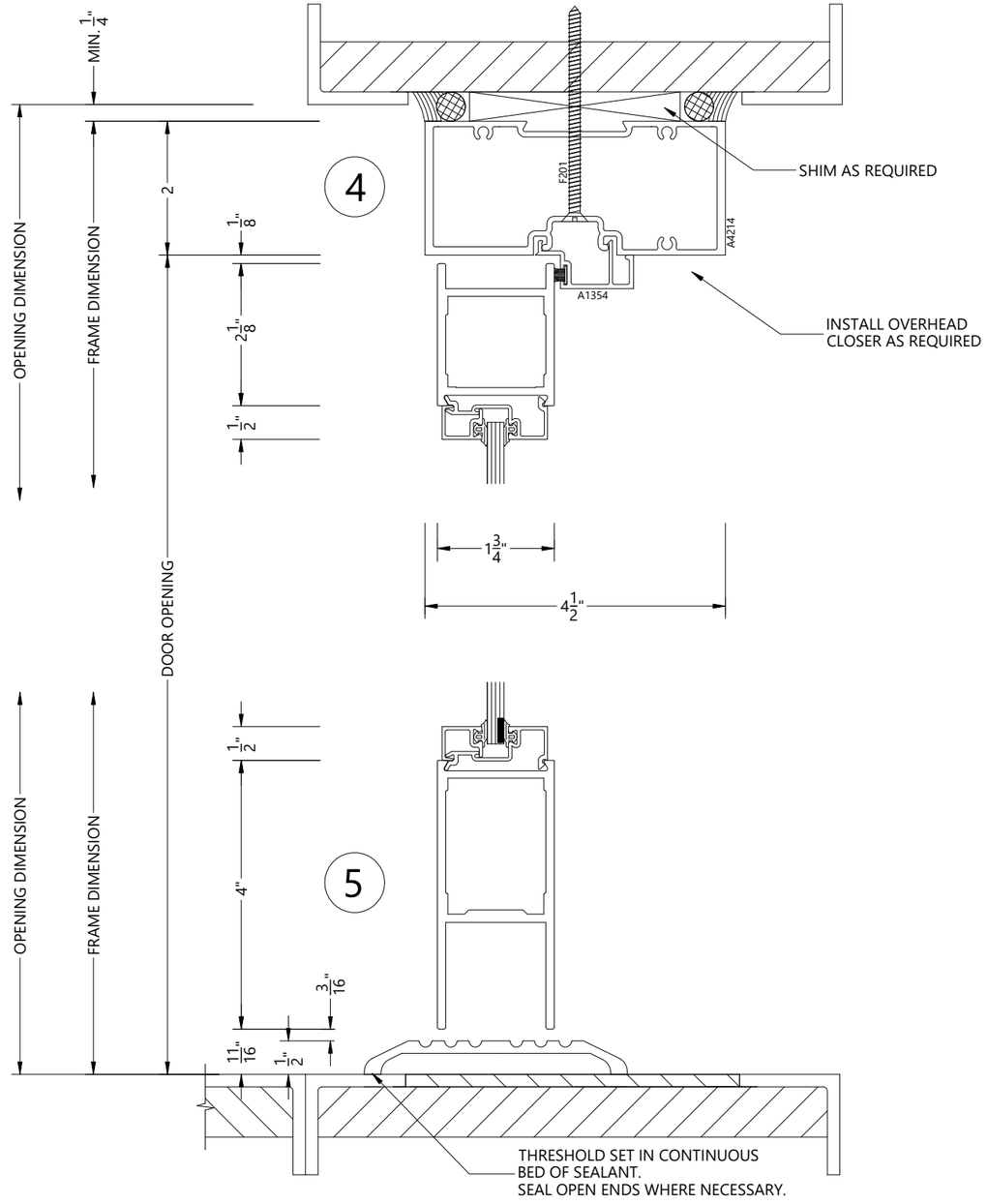

NOTE: SEE PAGES S-1 THROUGH S-3 FOR FULL SEALING PROCEDURES

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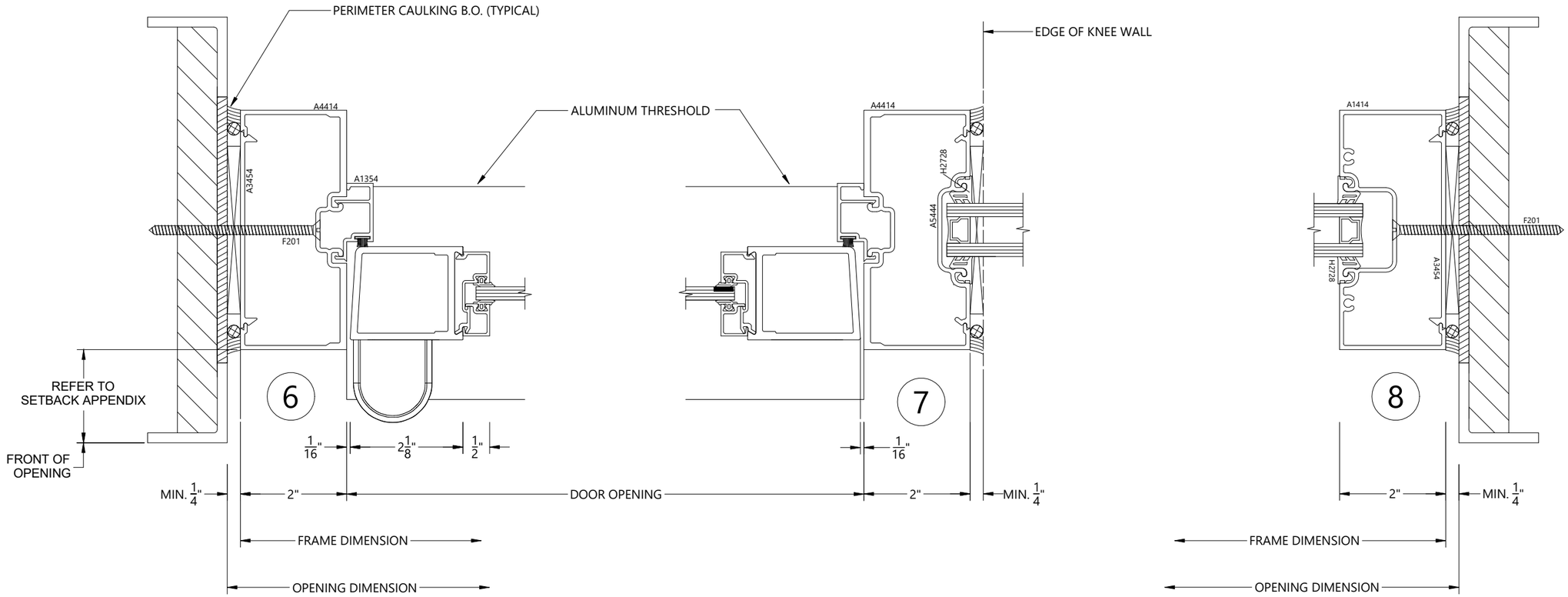
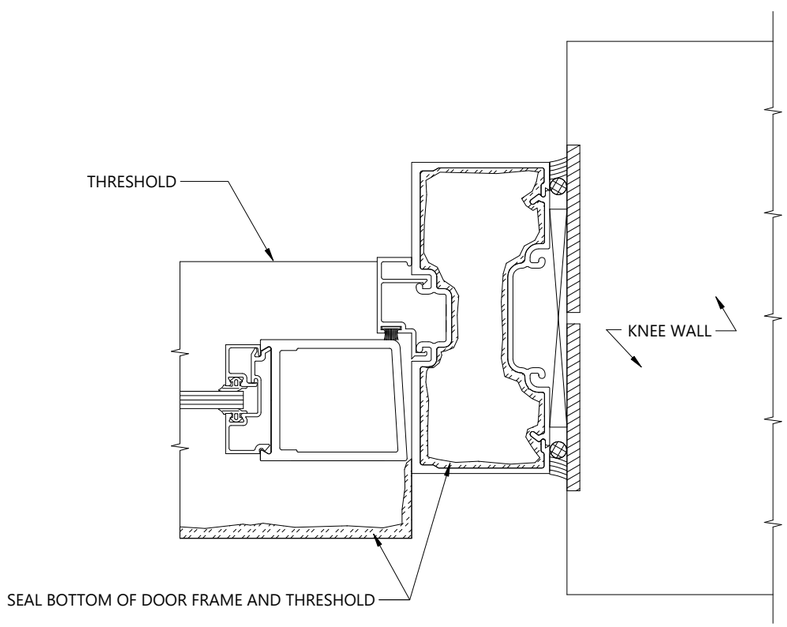
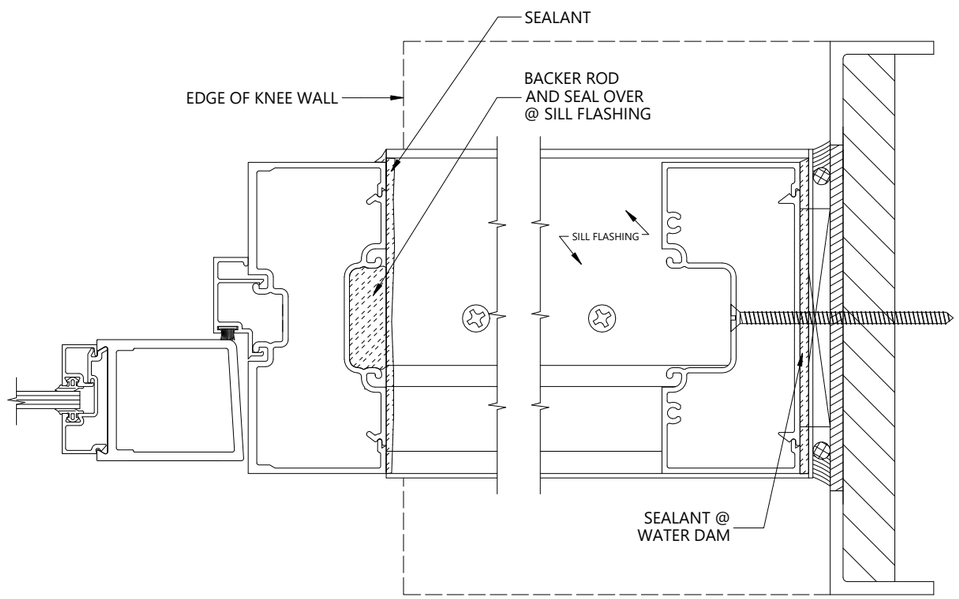




9 DOOR FRAME @ KNEE WALL



10 SILL FLASHING @ KNEE WALL

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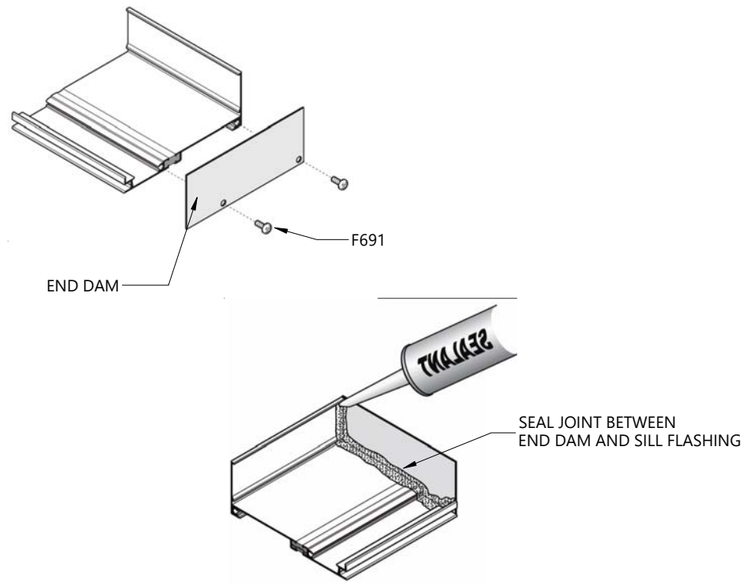
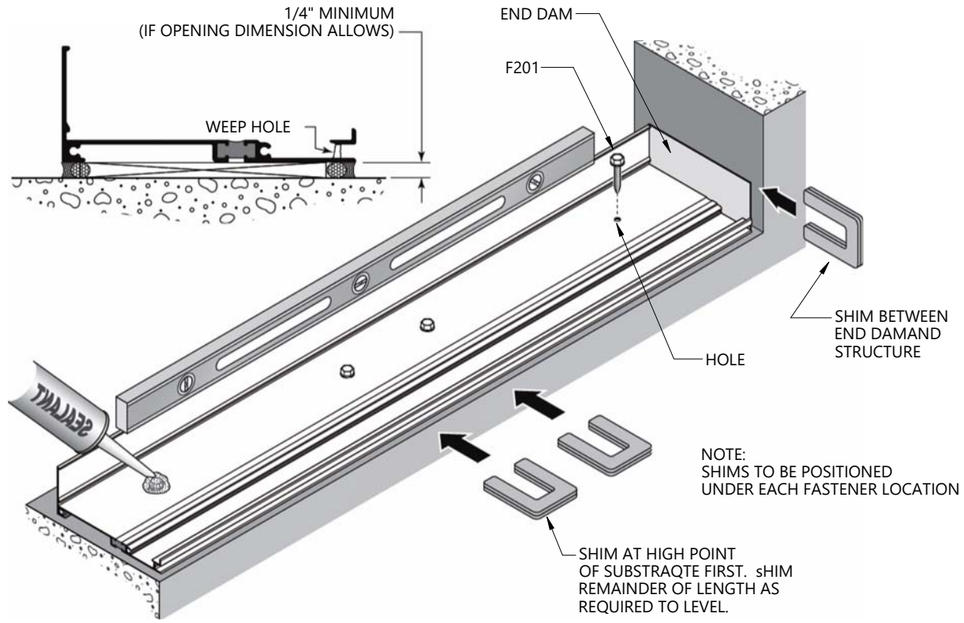
SCALE: **N/A**

SHEET: **D-2**

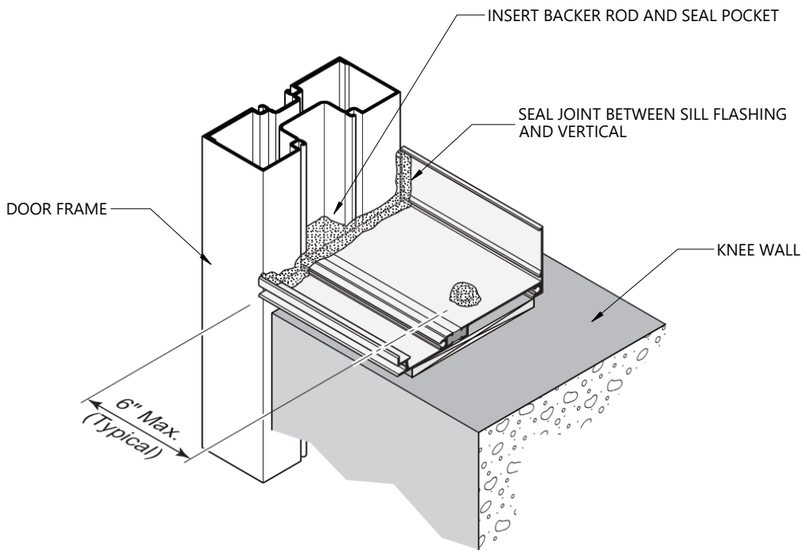
SUPPLEMENTAL INSTALLATION INSTRUCTIONS (GENERIC)



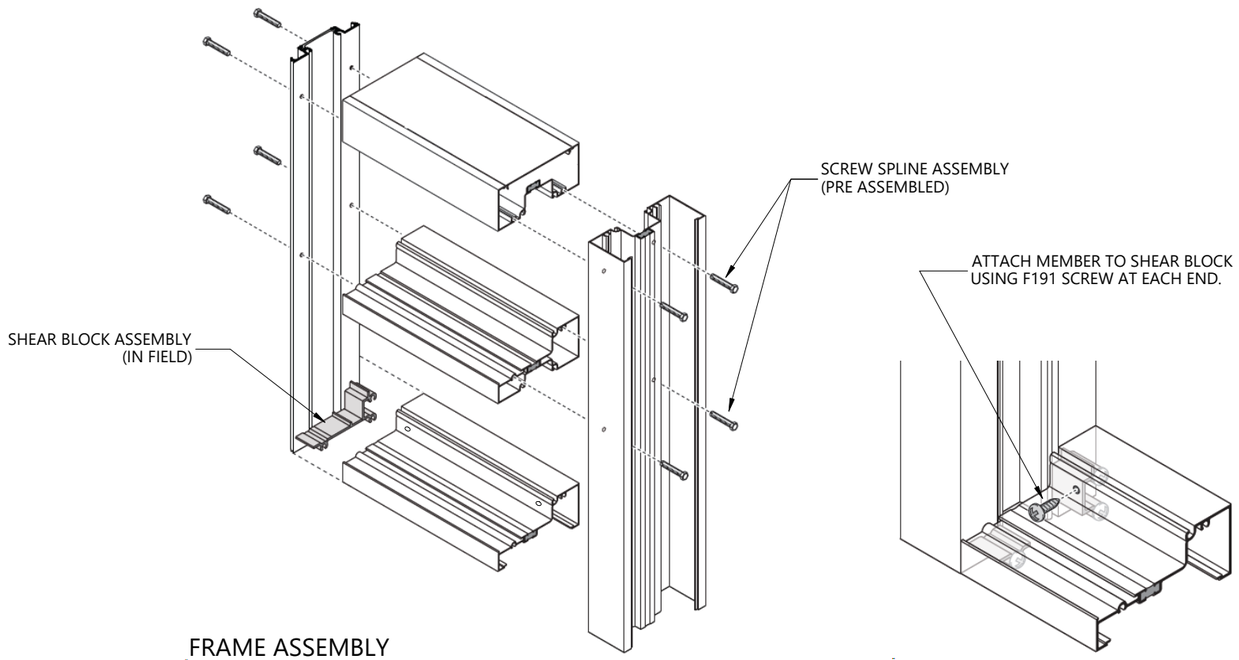
INSTALL SILL FLASHING END DAMS



INSTALL SILL FLASHING



SEALING SILL FLASHING ON KNEE WALL
AT DOOR JAMB



FRAME ASSEMBLY

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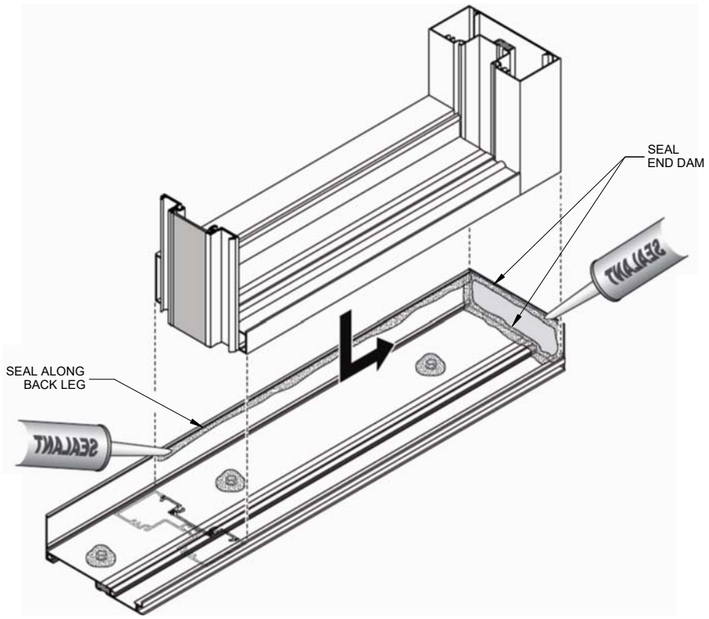
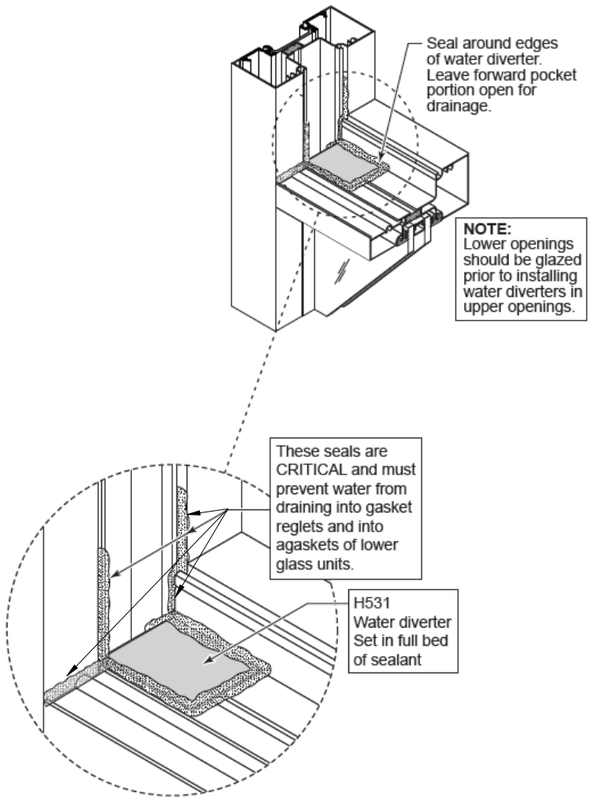
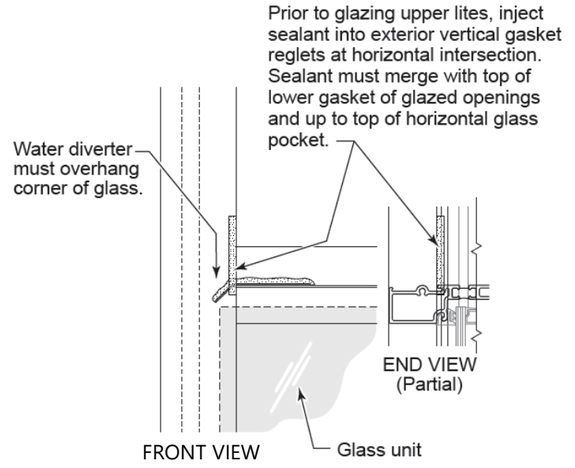
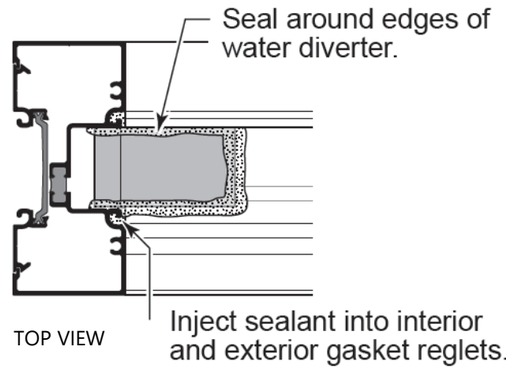


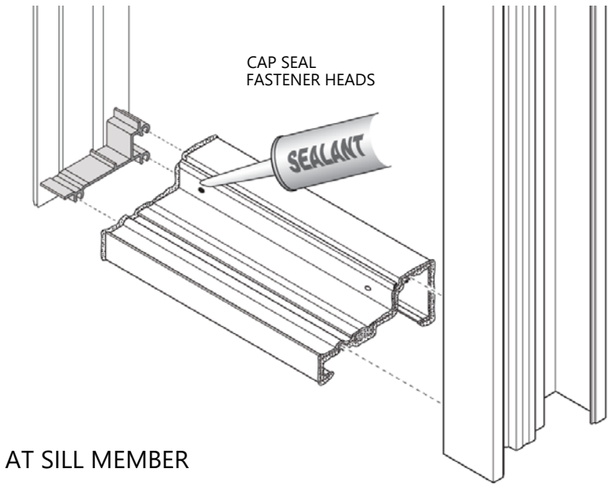
INSTALL FRAMES



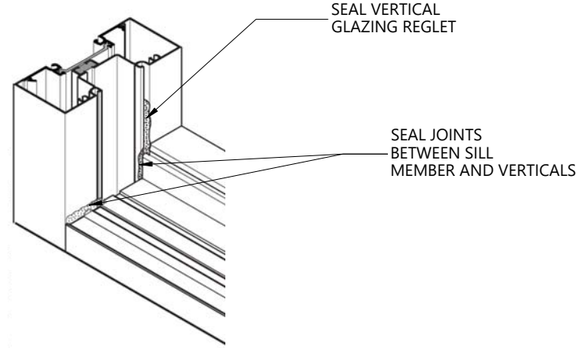
SEALING AT INTERMEDIATES







SEALING AT SILL MEMBER



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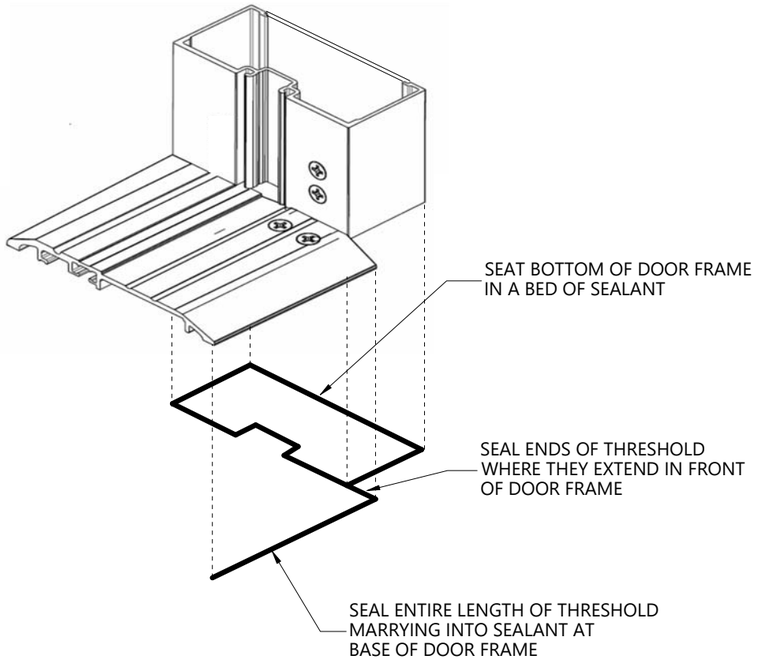
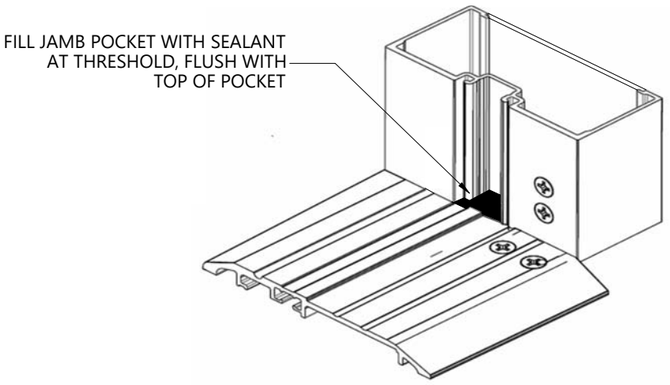
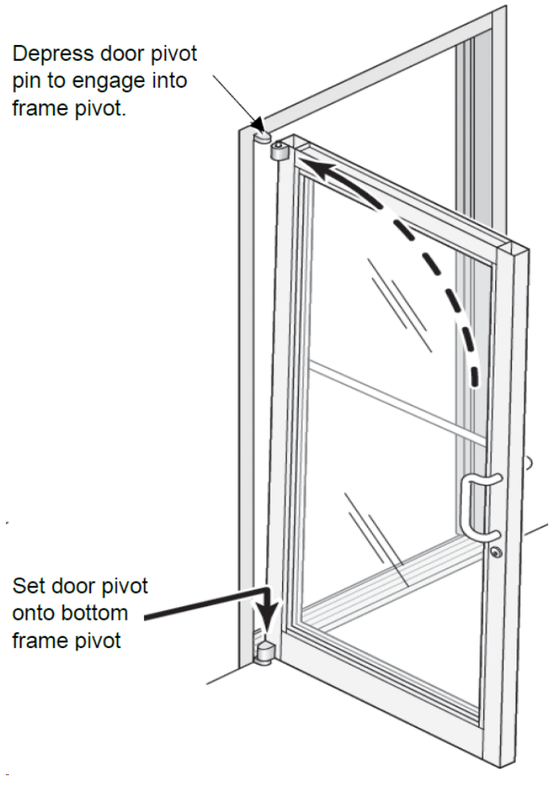
SUPPLEMENTAL INSTALLATION INSTRUCTIONS (GENERIC)

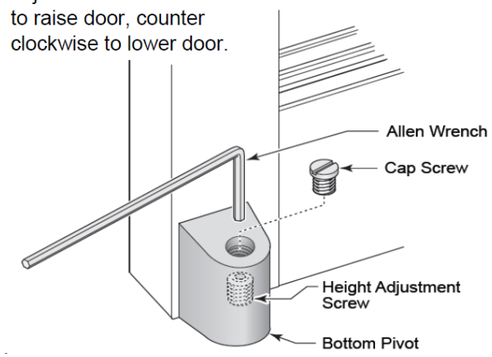




THRESHOLD/DOOR FRAME SEALING



DOOR INSTALLATION



DOOR HEIGHT ADJUSTMENT

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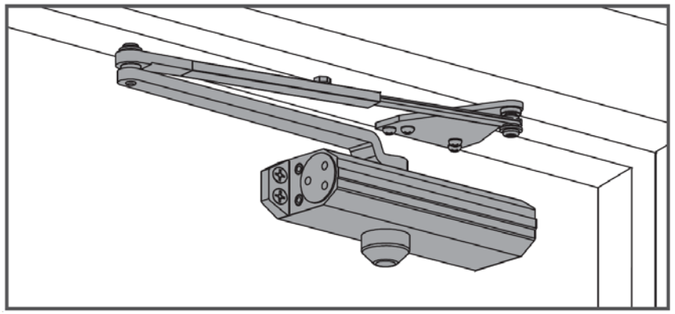
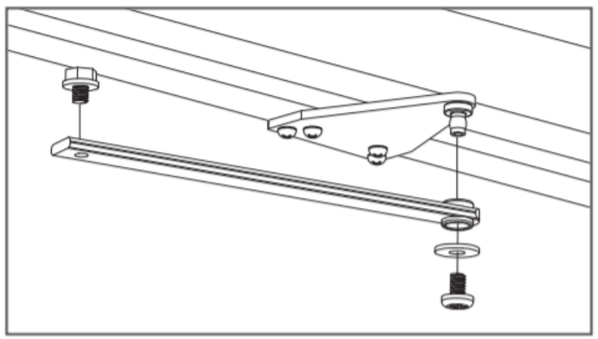
SHEET: **S-3**

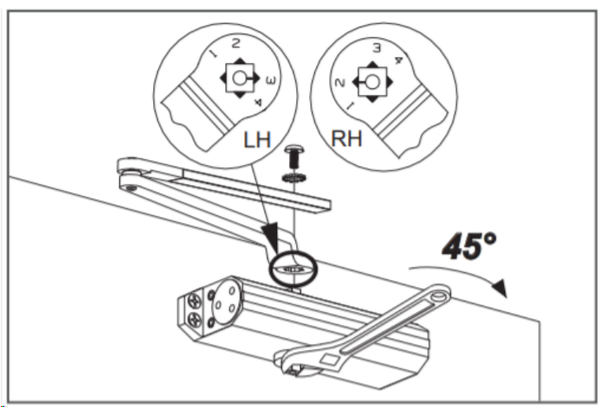
SUPPLEMENTAL INSTALLATION INSTRUCTIONS (GENERIC)



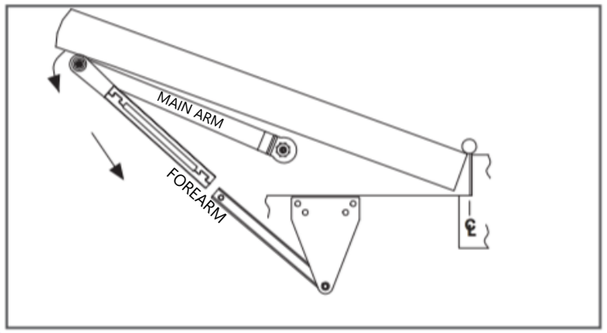
PARALLEL ARM INSTALLATION

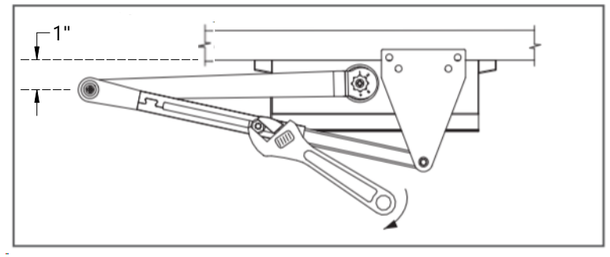
CLOSER MOUNTED ON PUSH SIDE OF THE DOOR (OPPOSITE OF THE HINGE SIDE). ATTACH ARM PIECES AS SHOWN.





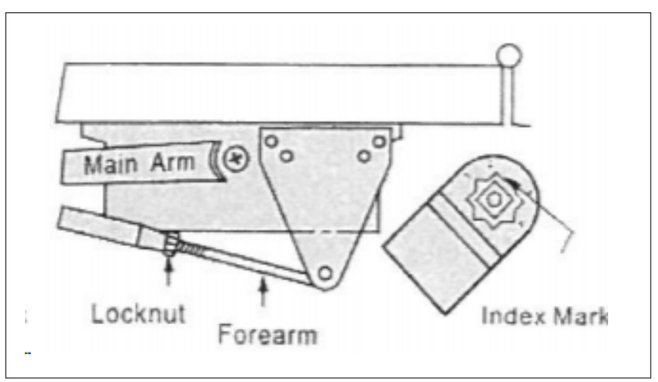
PRETENSION CLOSER PRIOR TO ATTACHING MAIN ARM TO CLOSER PINION





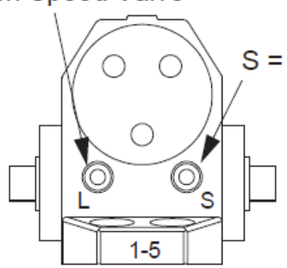
WITH DOOR CLOSED, ADJUST LENGTH OF FOREARM SO THAT THE TIP OF THE MAIN ARM (AT ELBOW) IS APPROXIMATELY 1" FROM THE DOOR RAIL, WHEN CONNECTED TO FOREARM.

NOTE:
DIAGRAM ABOVE IS FOR A CLOSER FOREARM WITH A SLIDE, LENGTH ADJUSTMENT. SUPPLIED CLOSER MAY HAVE A THREADED, ROTARY LENGTH ADJUSTMENT AS ILLUSTRATED BELOW.



L = Latch Speed Valve

S = Main Speed Valve



CHECK CLOSING TIME, AND ADJUST CLOSER AS NECESSARY. TYPICAL CLOSING TIME IS 5 TO 7 SECONDS, EVENLY DIVIDED BETWEEN MAIN (CLOSING) SPEED AND LATCHING SPEED.

CLOSER LATCHING AND CLOSING SPEED ADJUSTMENT

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