

ES-P252



HSEQ REGULATIONS

Read all instructions carefully before attempting this procedure. If you have any questions about your ability to complete this procedure, contact ESWINDOWS for further direction.

If swing stages are required for installation, the HSEQ inspector must approve the permissions.

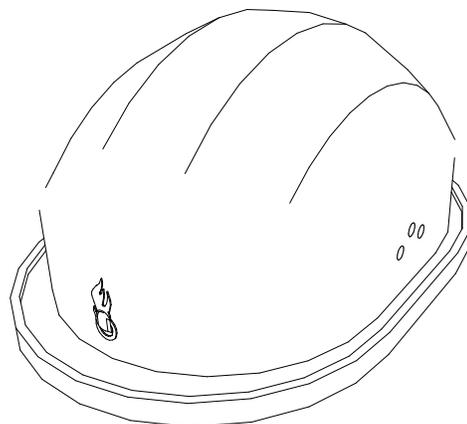
- Wear the necessary personal protective equipment for product installation.
- Take safety precautions when performing the activity.
- Please follow the steps and make sure you have appropriate personal protective equipment and follow the rules established by the guidance for working at height, if required to do so.

INTRODUCTION

ES-P252, fixed/project out window system.

This guide illustrates step by step the correct way to install the system.

Prior to installation process check that all parts and materials are in right conditions, verify that the quantities and descriptions match production planes.



INSTALLATION INSTRUCTIONS

TOOLS AND SUPPLIES REQUIRED FOR INSTALLATION.....Page. 2

PARTS REQUIRED FOR INSTALLATION.....Page. 3

INSTALLATION

STEP 1

Inspection and verificationPage. 4-5

STEP 2

End dam lug and end dam installationPage.6-7

STEP 3

Installation of receptorsPage.8-10

STEP 4

Installation of fixed windowPage.11-13

STEP 5

Project out window installationPage.14-15

STEP 5A

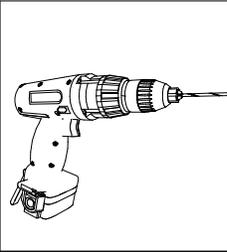
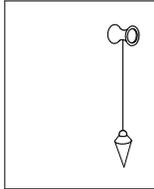
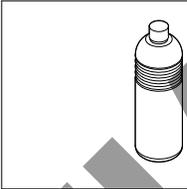
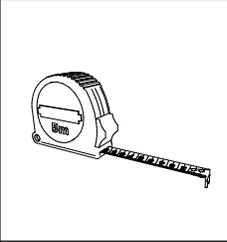
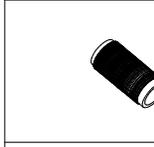
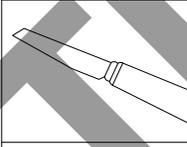
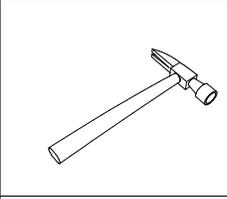
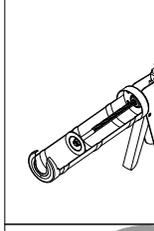
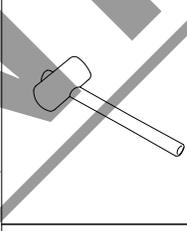
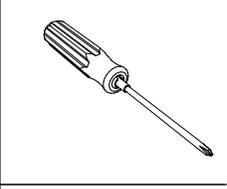
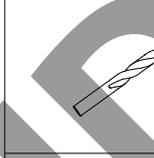
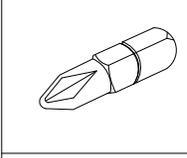
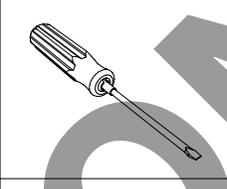
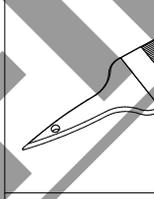
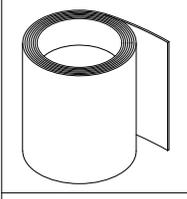
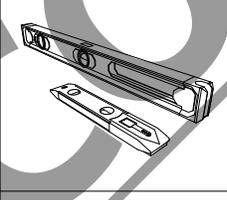
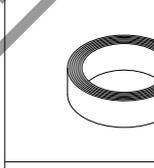
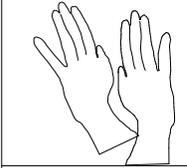
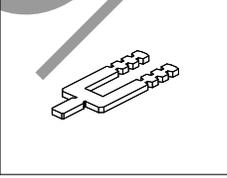
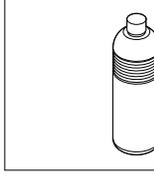
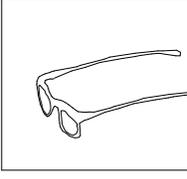
Project out window with receptorPage.16

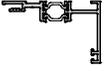
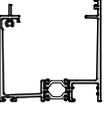
STEP 6

Perimeter sealPage.17

REVIEW

TOOLS AND SUPPLIES FOR INSTALLATION

Detail	Description	Detail	Description	Detail	Description
	Drill		Plumb		Thinner
	Measure tape		Thread		Knife
	Hammer		Industrial Silicone gun		Mallet
	Phillips screwdriver		Bits for concrete		Point
	Slot screwdriver		Brush		Clean rag
	Level		Masking tape		Safety gloves
	Plastic shims		Isopropyl alcohol		Safety glasses

PARTS REQUIRED FOR INSTALLATION		
PART	DETAIL	DESCRIPTION
ES-P250-506		Head / jamb receptor
ES-P252-505		Sill receptor
ES-P251-033		End dam lug
ES-P251-014		Frame receptor stop
ES-P252-006		Glass stop
ES-CF-001		End dam
4BAR HINGE		For project out configuration
#10 x2" F.H		Anchor screw
#8 x 1/2" P.H		For end dam lug
#10 x 1/2" P.H		For end dam
D.C 791 or equal		Weatherproofing sealant

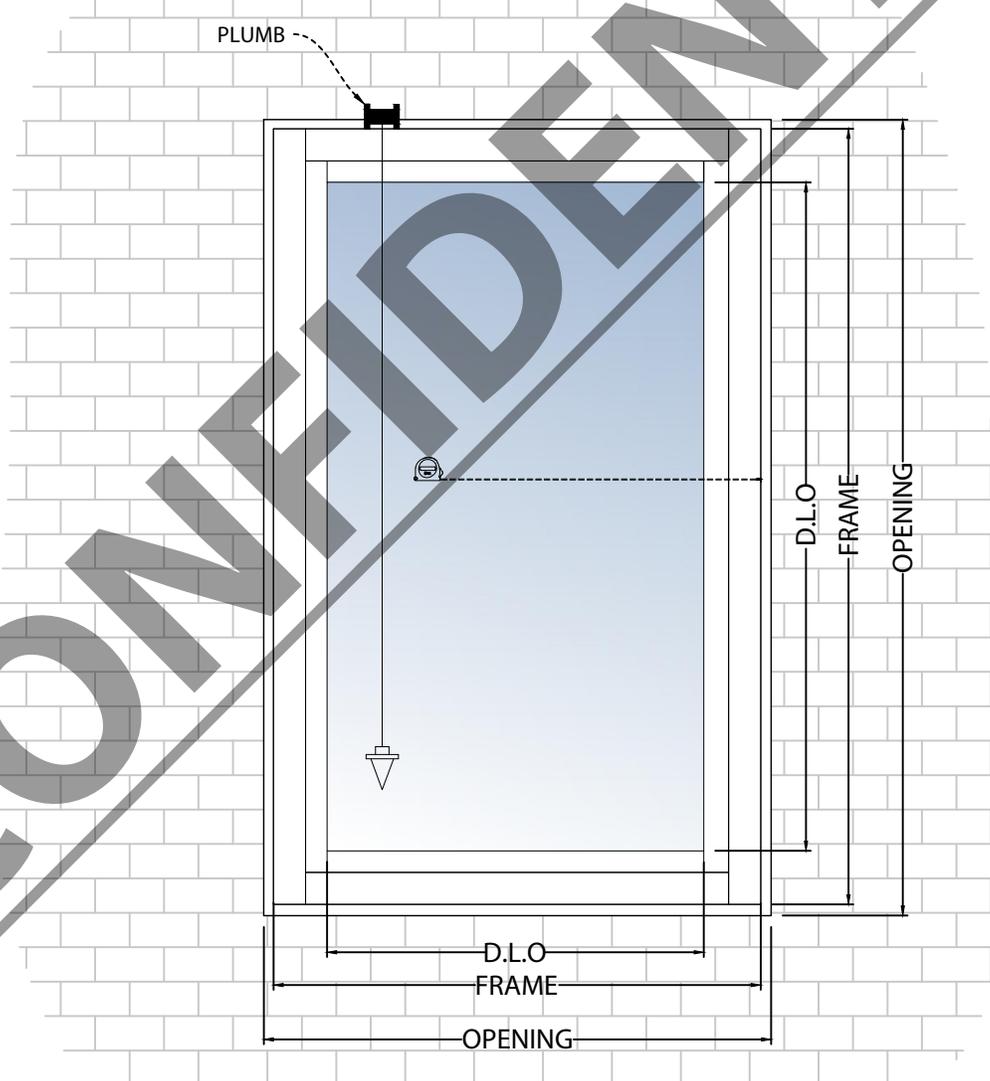


Check the technical manuals and guides by sealant manufacturers to apply silicone correctly.

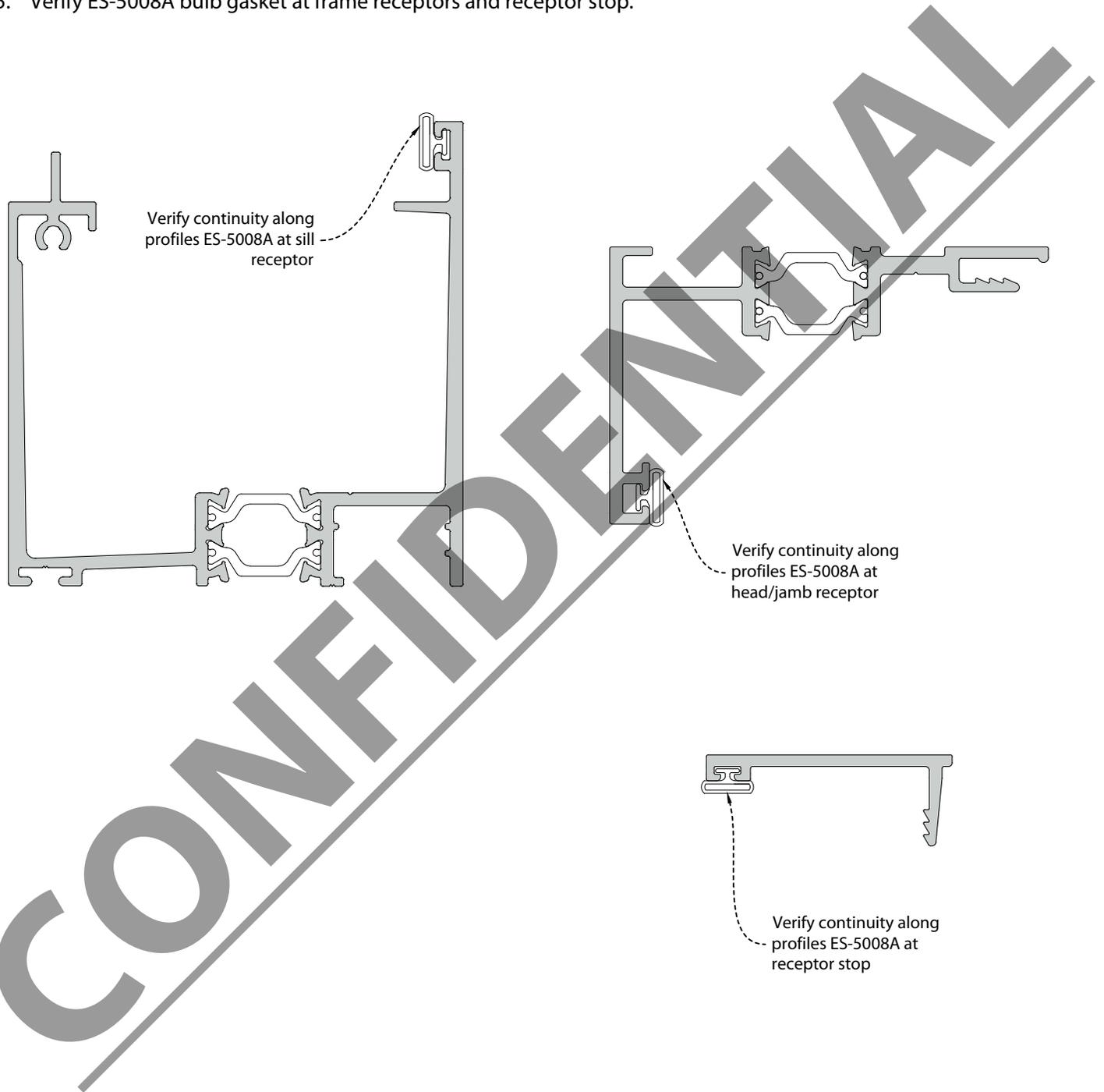
STEP 1

INSPECTION AND VERIFICATION:

- 1.1 The rough opening should be checked for the correct size as determined by dimensions listed in the architectural specifications and the shop drawings. Measure rough opening in several places to determine variations.
- 1.2 Check all the material upon arrival for quantity and damage.
- 1.3 Remove any debris that interferes with the proper installation of the unit.
- 1.4 If you have any irregularities notify ES WINDOS.



1.5. Verify ES-5008A bulb gasket at frame receptors and receptor stop.

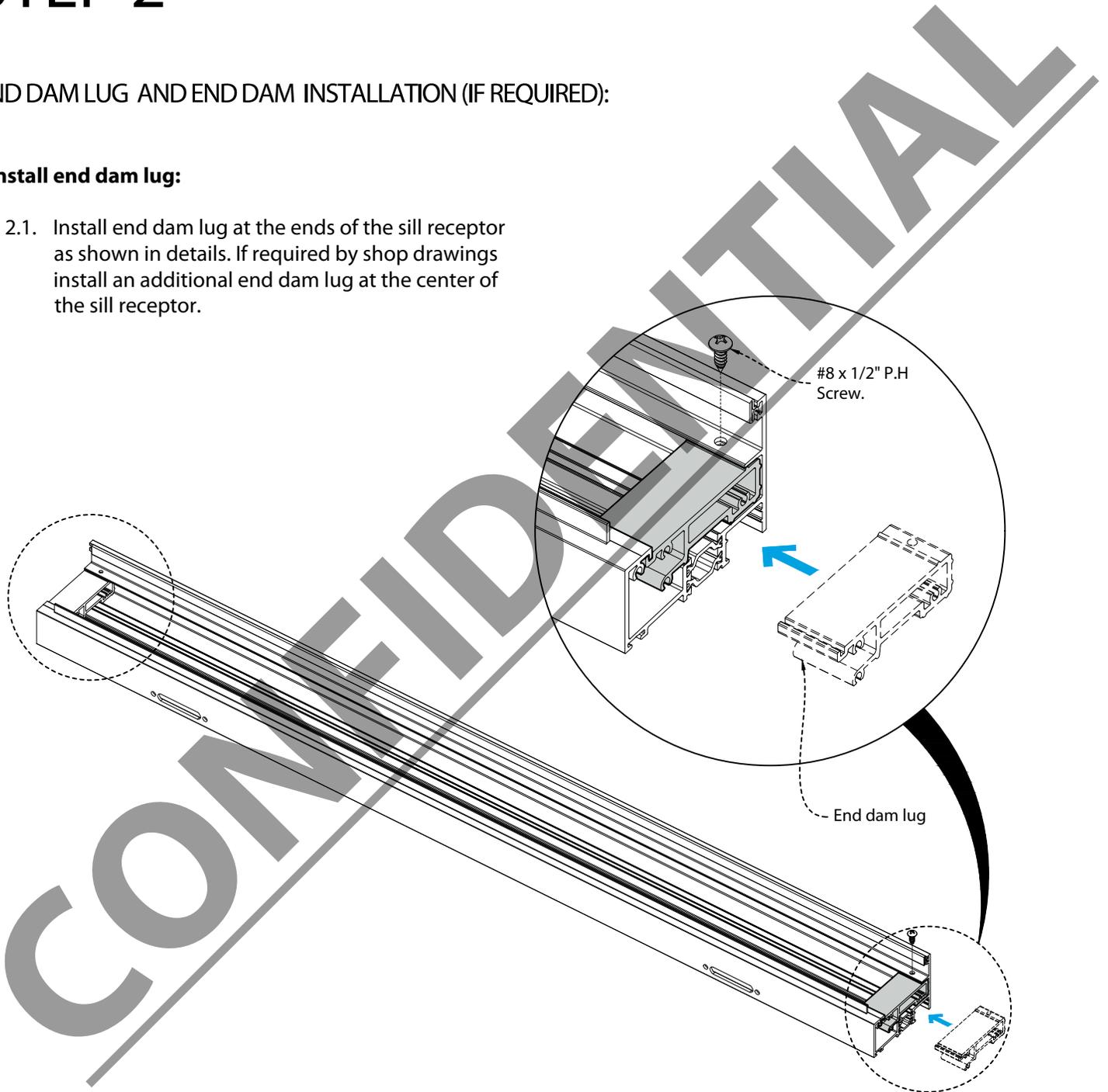


STEP 2

END DAM LUG AND END DAM INSTALLATION (IF REQUIRED):

Install end dam lug:

- 2.1. Install end dam lug at the ends of the sill receptor as shown in details. If required by shop drawings install an additional end dam lug at the center of the sill receptor.

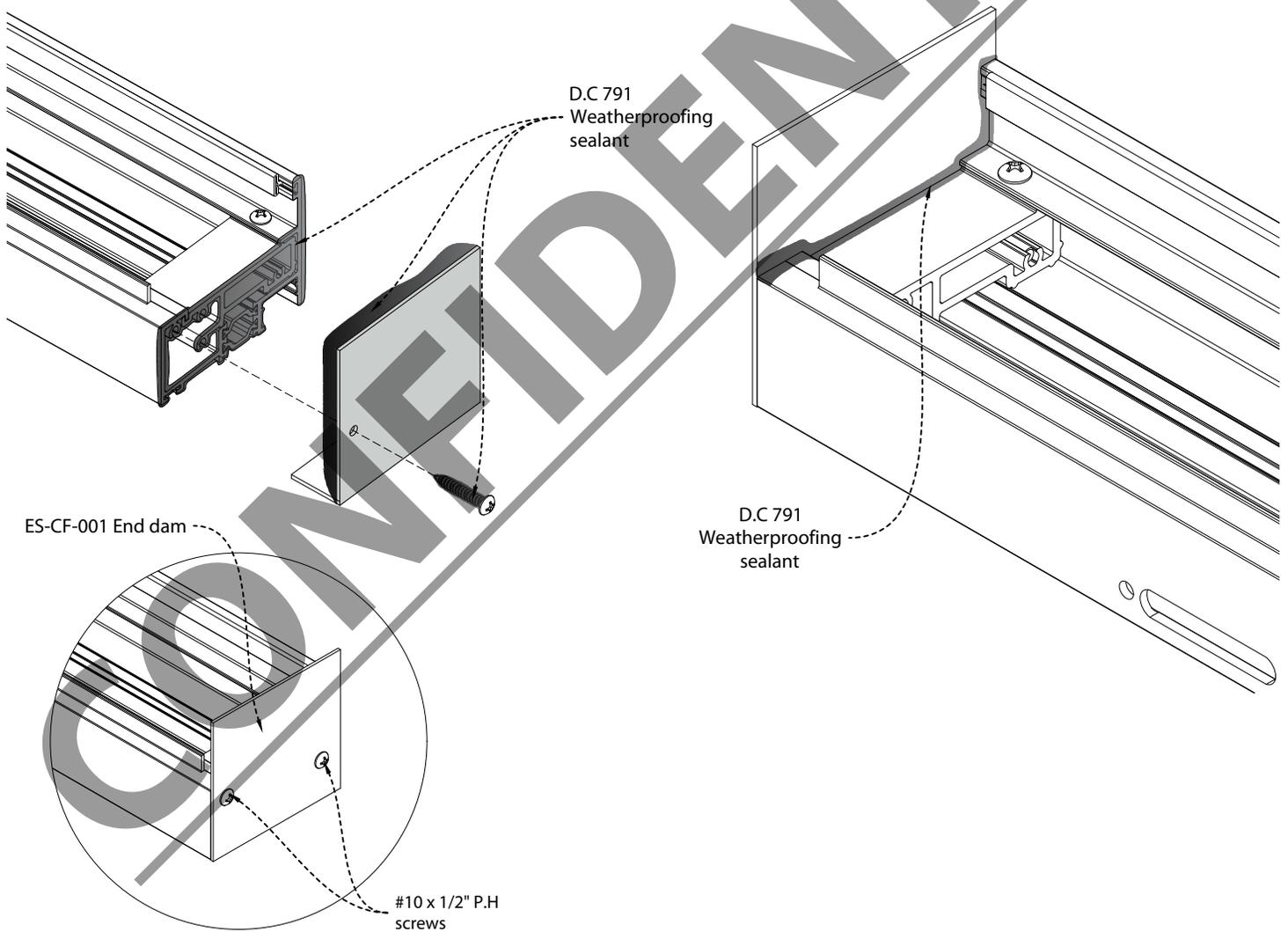


Install end dam:

2.2. Apply weatherproofing sealant to starter ends, end dam surface and screw bodies as shown in detail below.

Install end dam using screws #10 x 1/2" P.H screws.

2.3. Caulk sealant into joint between the end dam and sill receptor.



STEP 3



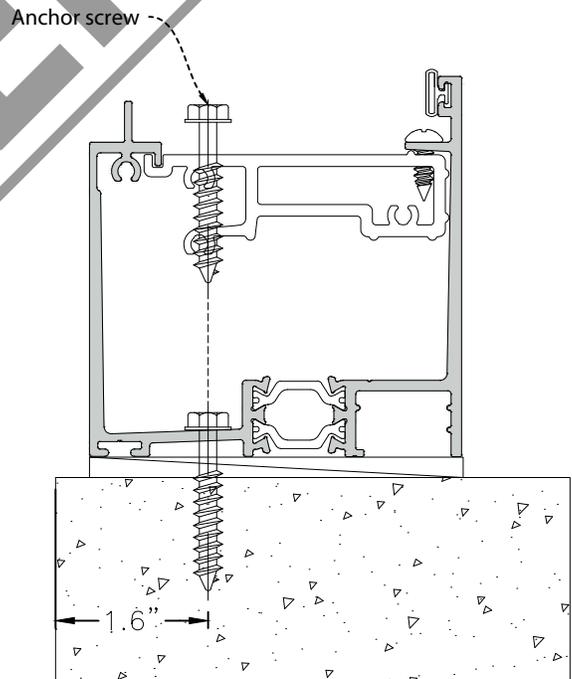
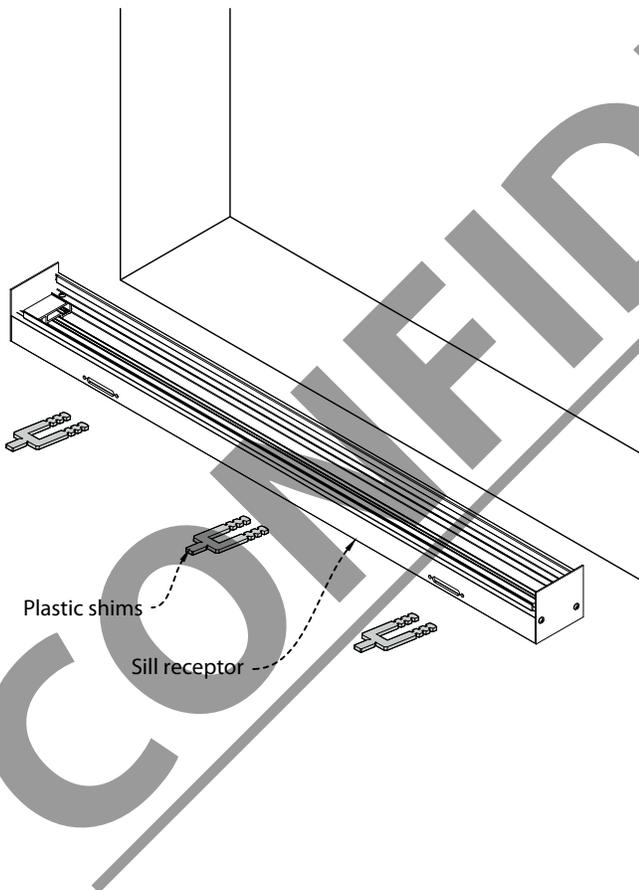
Verify the distance from the center of the anchor to the edge of the slab, this must be a minimum of 1.6" (4 cm).

INSTALLATION OF RECEPTORS (IF REQUIRED):

Install sill receptor:

3.1. Place sill receptor into the opening and shim as required.

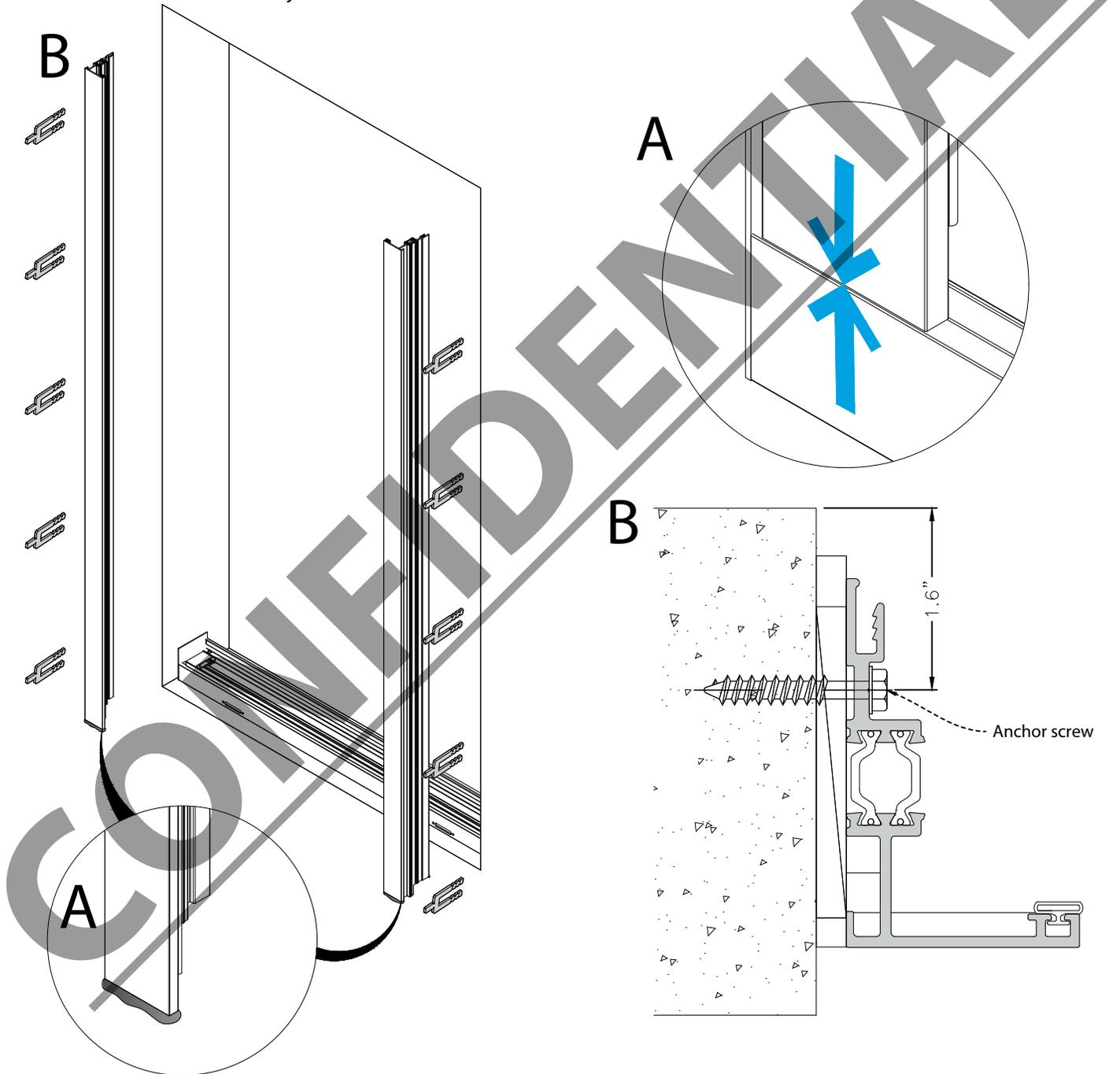
3.2. Verify the leveling of the sill receptor and Install anchor screws as shown in detail below. Apply weatherproofing sealant onto screw heads.



Install jamb receptors:

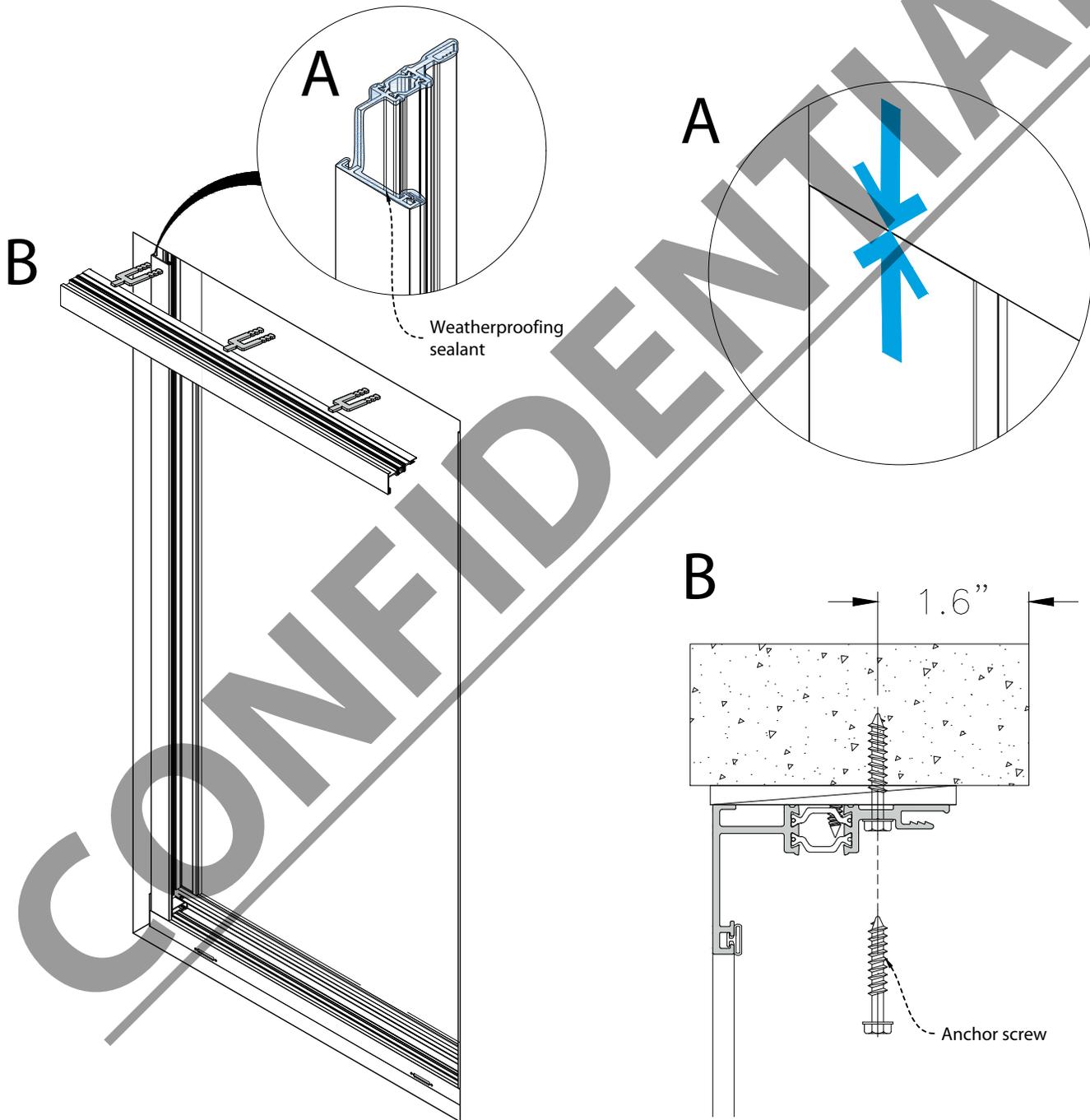
3.3. Apply weatherproofing sealant top the bottom of the jamb receptors (Detail A). Place jamb receptor into the opening and shim as required as shown in detail B. Caulk sealant into joints.

3.4. Verify alignment between the jamb receptor and sill receptor (Detail A). Install anchor screws as shown in detail below, and apply weatherproofing sealant onto screw heads.



Install head receptor:

- 3.5. Apply weatherproofing sealant to jamb receptor ends (Detail A). Place sill receptor into the opening and shim as required as shown in detail below (Detail B). Caulk sealant into joints.
- 3.6. Verify alignment between the jamb receptor and sill receptor (Detail A) Install anchor screws as shown in detail below, and apply weatherproofing sealant onto screw heads.



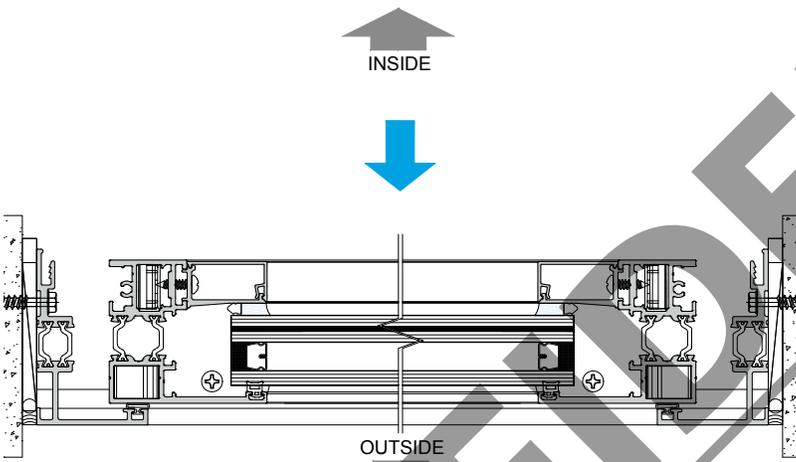
STEP 4

INSTALLATION OF FIXED WINDOW:

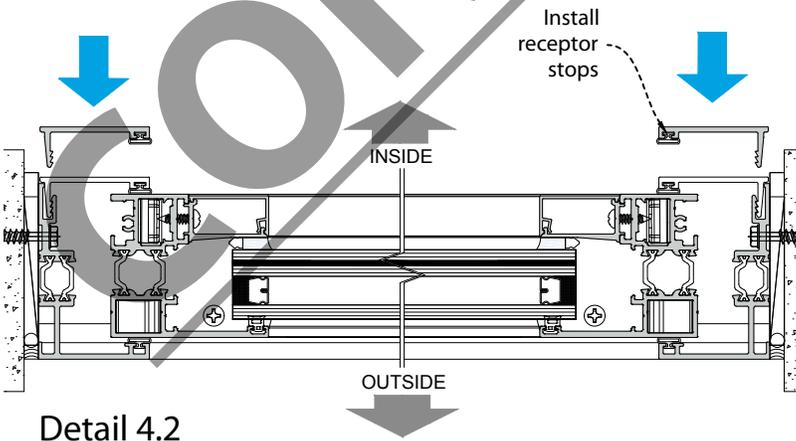
Installation of fixed window with frame receptor:

4.1. Insert fixed window into frame receptor.

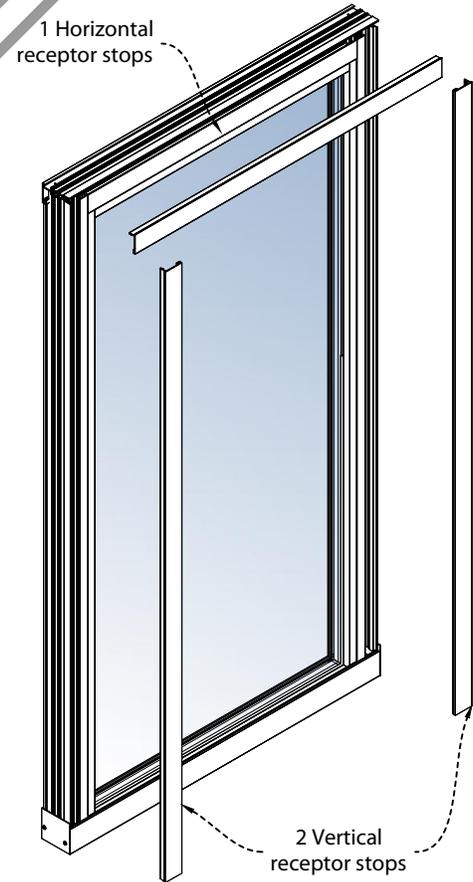
4.2. Install horizontal receptor stop, then vertical receptor stops. Caulk joints between vertical and horizontal receptor stops.



Detail 4.1

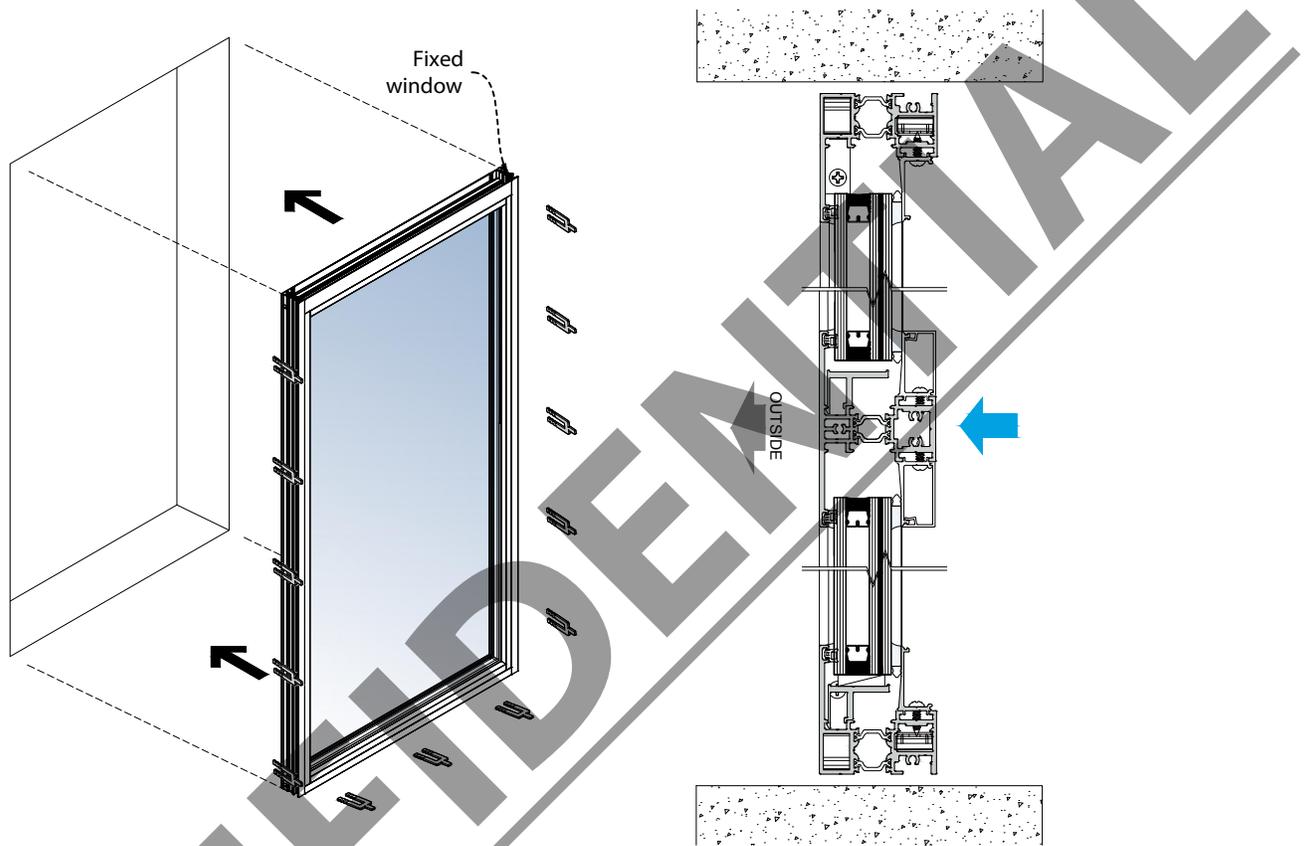


Detail 4.2

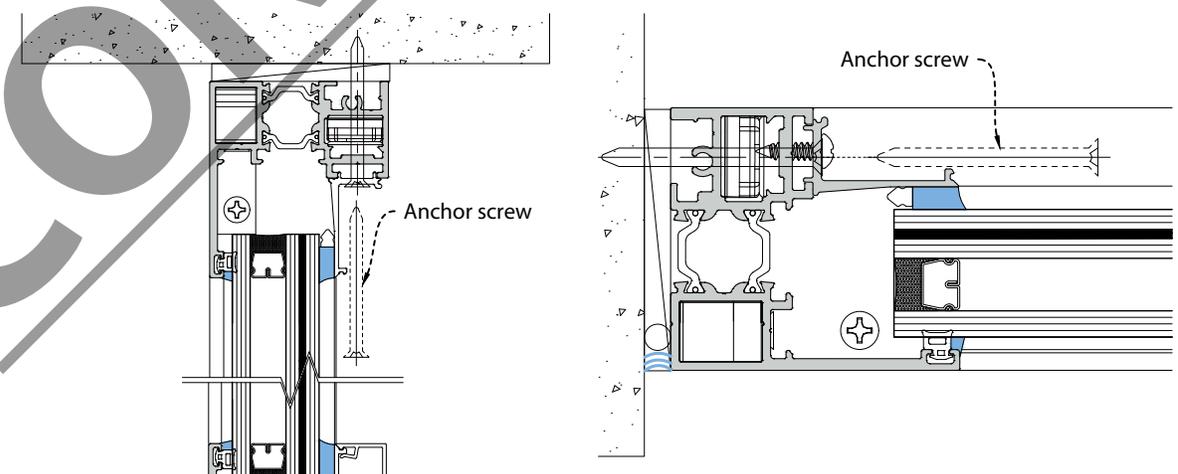


Installation of standard fixed window:

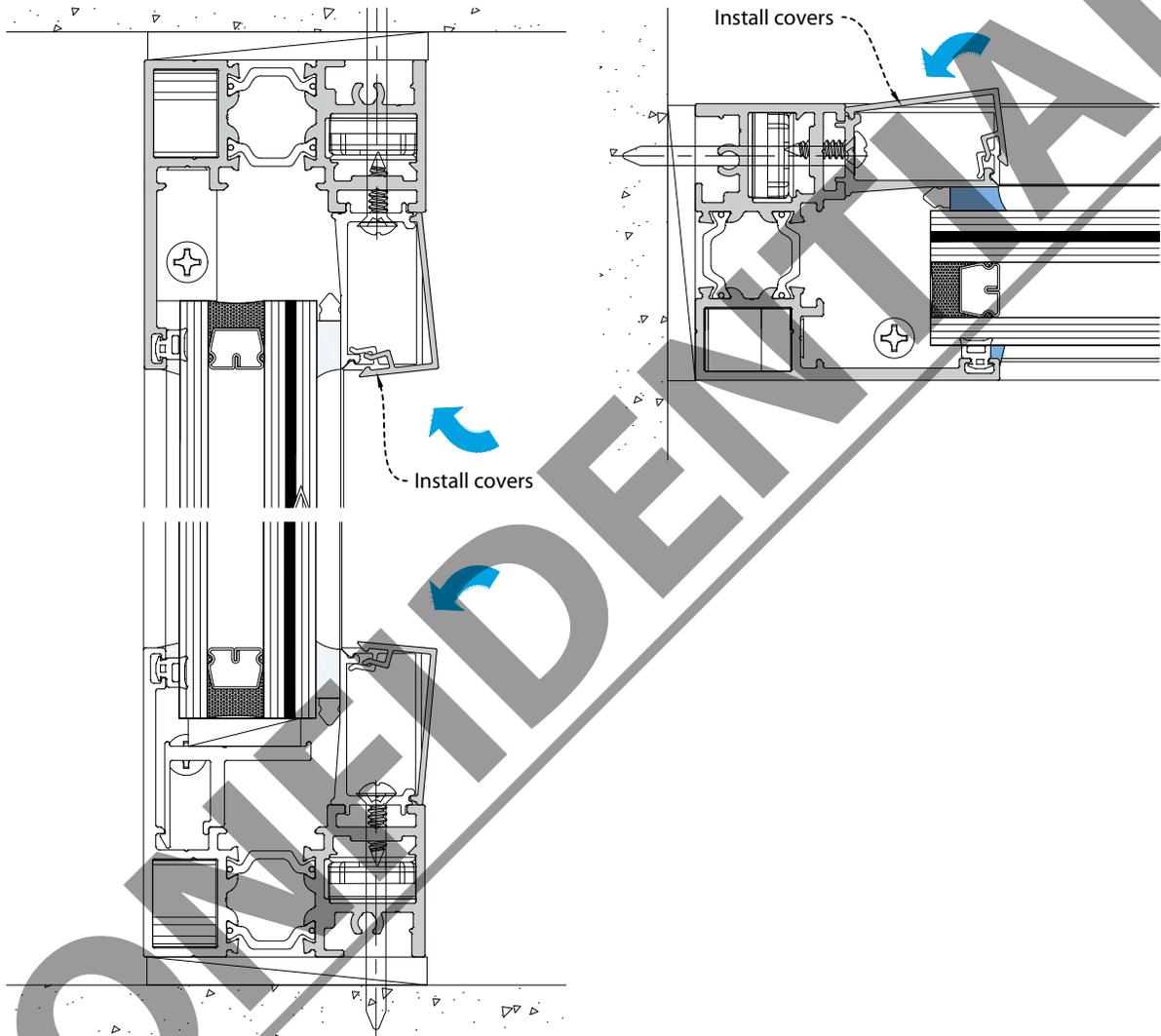
4.3. Insert fixed window into the opening and shim as required.



4.4. Install required anchor screws, using frame holes as a guide to drill the opening. Secure shims with anchor screws.



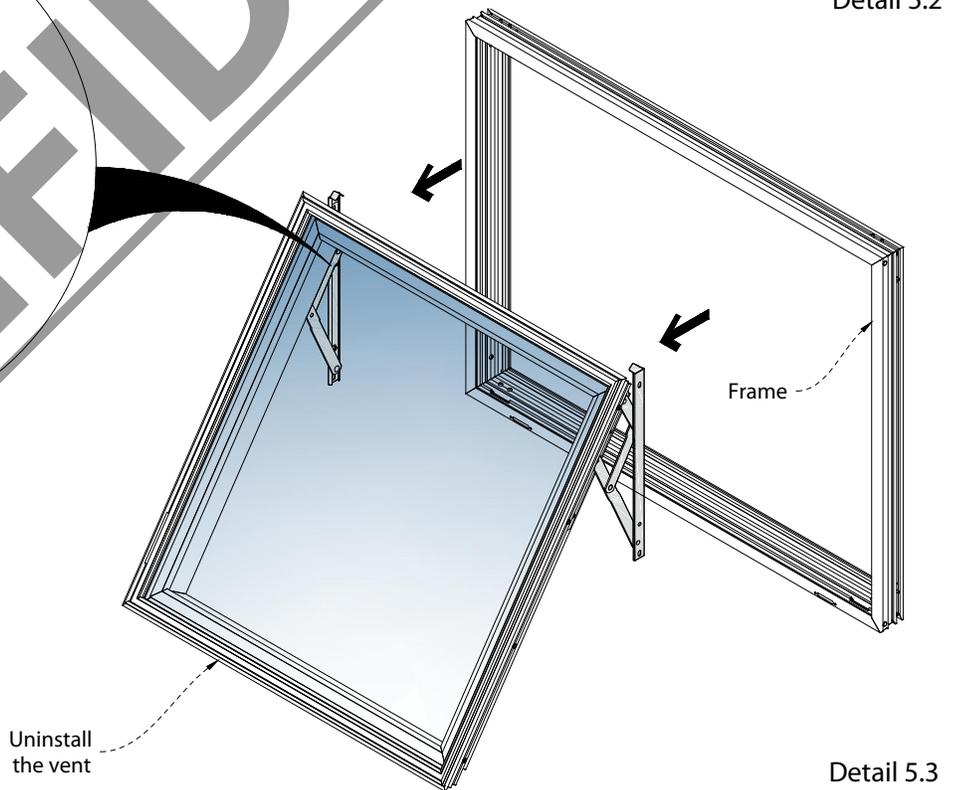
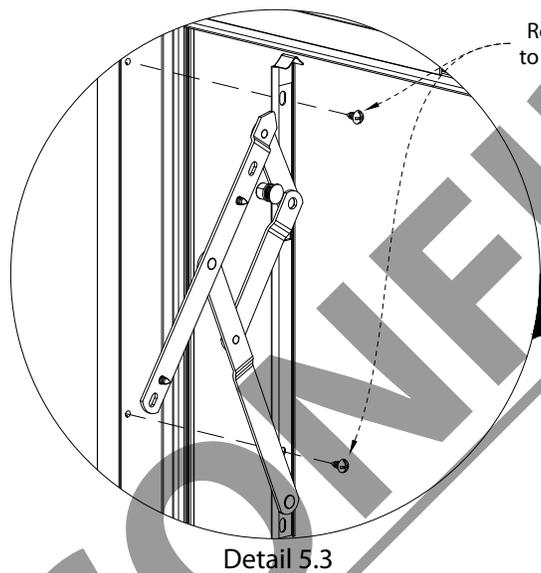
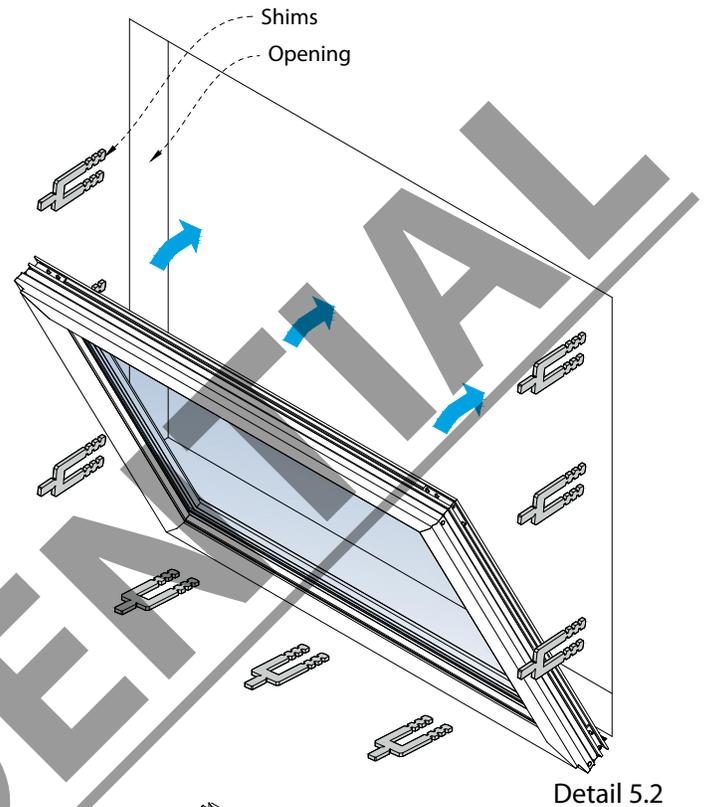
4.5. Install covers as shown in detail below. First install horizontal covers and then install vertical covers.



STEP 5

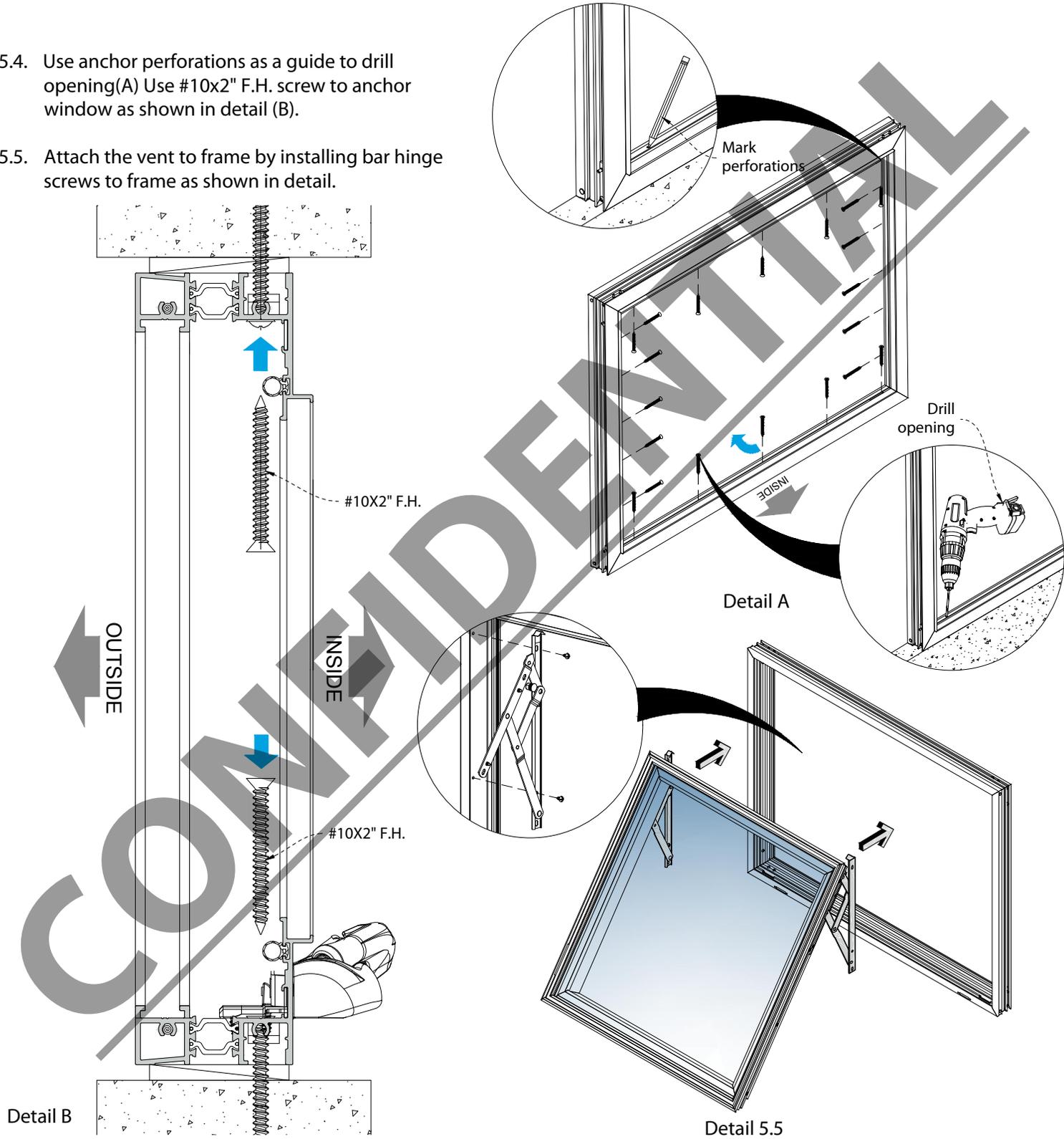
PROJECT OUT WINDOW INSTALLATION:

- 5.1. Clean opening and profile surfaces that will make contact with sealant.
- 5.2. From the outside of the building, place window at opening using shims to level it properly.
- 5.3. Open the window and remove bar hinge installation screws to uninstall the vent.



INSTALLATION INSTRUCTIONS

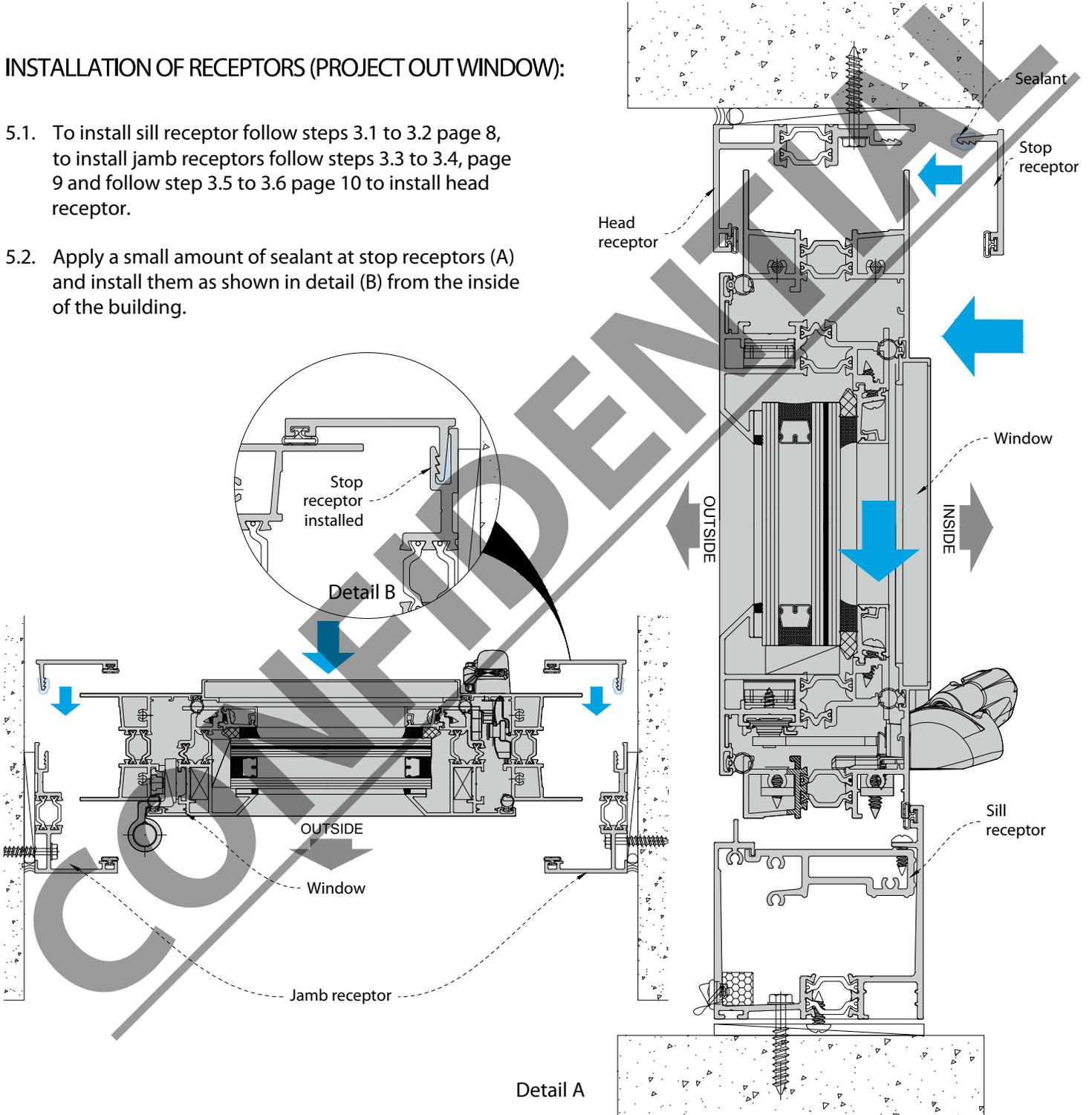
- 5.4. Use anchor perforations as a guide to drill opening(A) Use #10x2" F.H. screw to anchor window as shown in detail (B).
- 5.5. Attach the vent to frame by installing bar hinge screws to frame as shown in detail.



STEP 5A

INSTALLATION OF RECEPTORS (PROJECT OUT WINDOW):

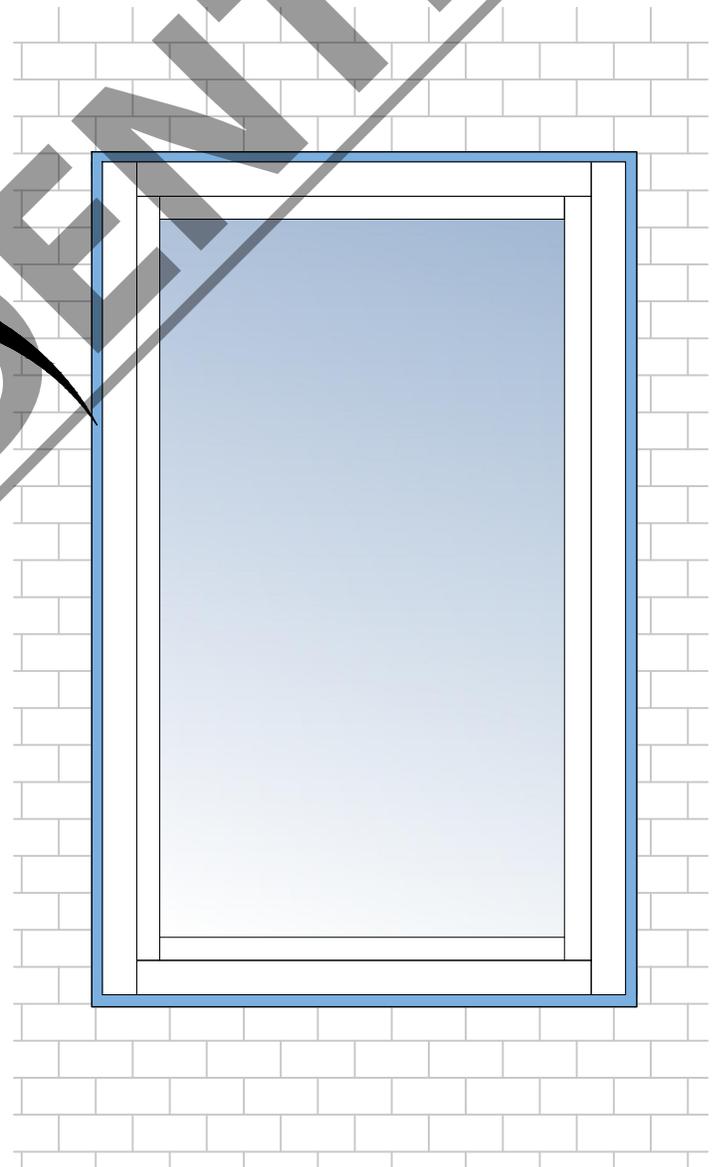
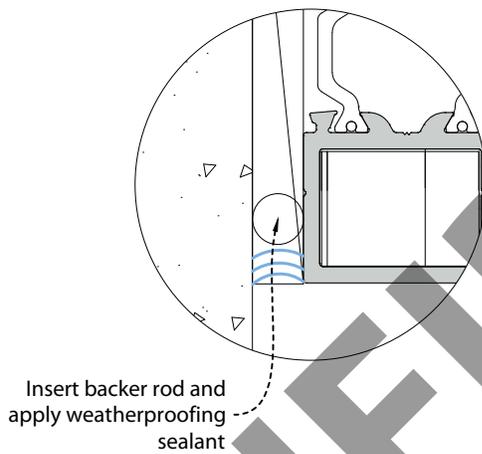
- 5.1. To install sill receptor follow steps 3.1 to 3.2 page 8, to install jamb receptors follow steps 3.3 to 3.4, page 9 and follow step 3.5 to 3.6 page 10 to install head receptor.
- 5.2. Apply a small amount of sealant at stop receptors (A) and install them as shown in detail (B) from the inside of the building.



STEP 6

PERIMETER SEAL:

6.1. Insert backer rod and apply weatherproofing sealant per approved shop drawings.



REVISION No.	DATE	DESCRIPTION	BY.	PAGE.
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