

Secco OG Slider Installation Guide



Preparation

steel shim: 2

BLACK SILICON silicone: 30
[black]

caulking gun:2

rubber hammer:1

wood shim: some

Phillips/flathead
screwdriver:1 each

T-shaped hex wrench
1【12#】

type:2【30-35 feet】

laser: 1

ladder: 2

motorized
suction cup :1

crane:1

labor:4+

screws and dill bits

driller:2

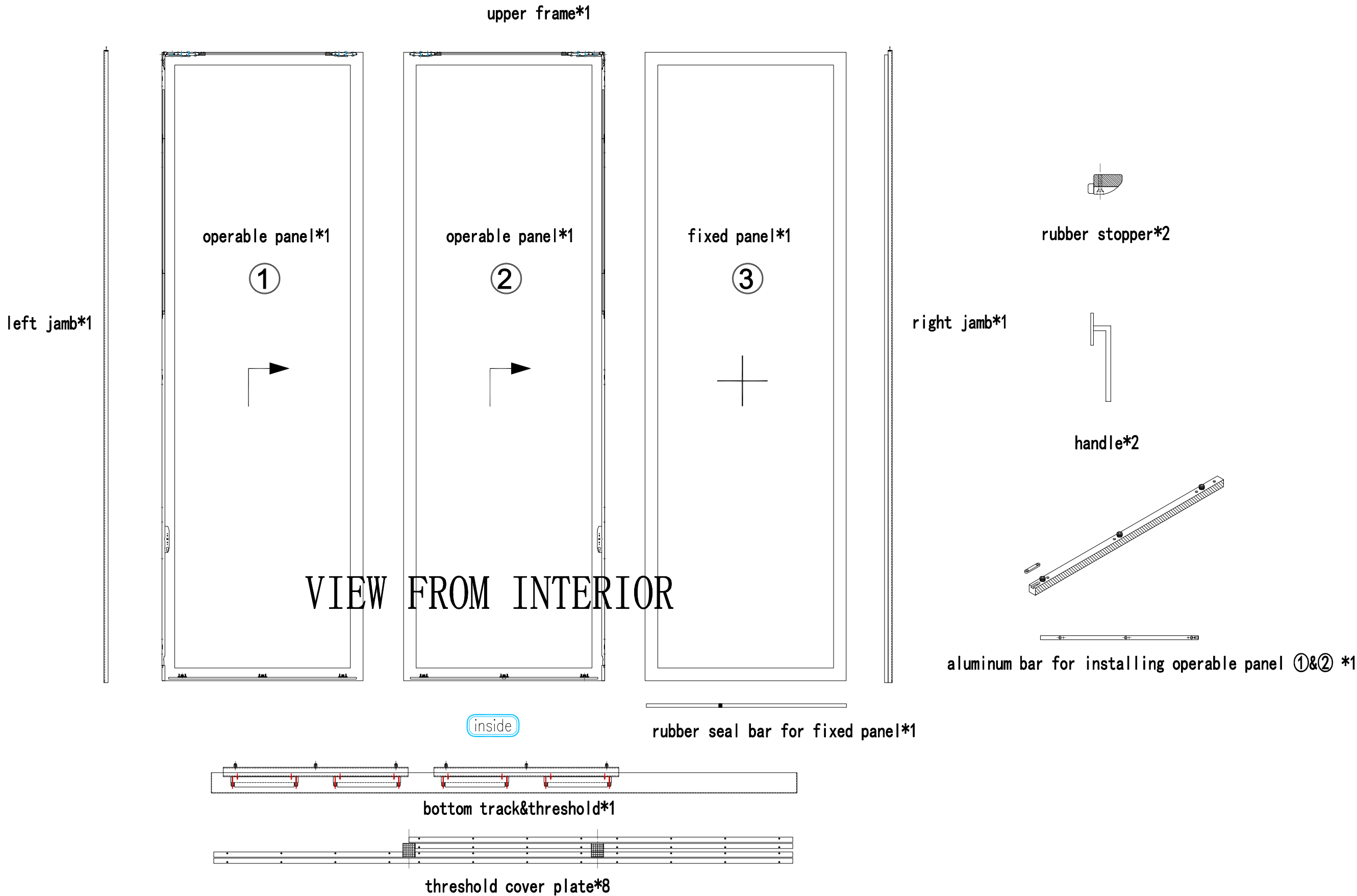
gasket tools:1

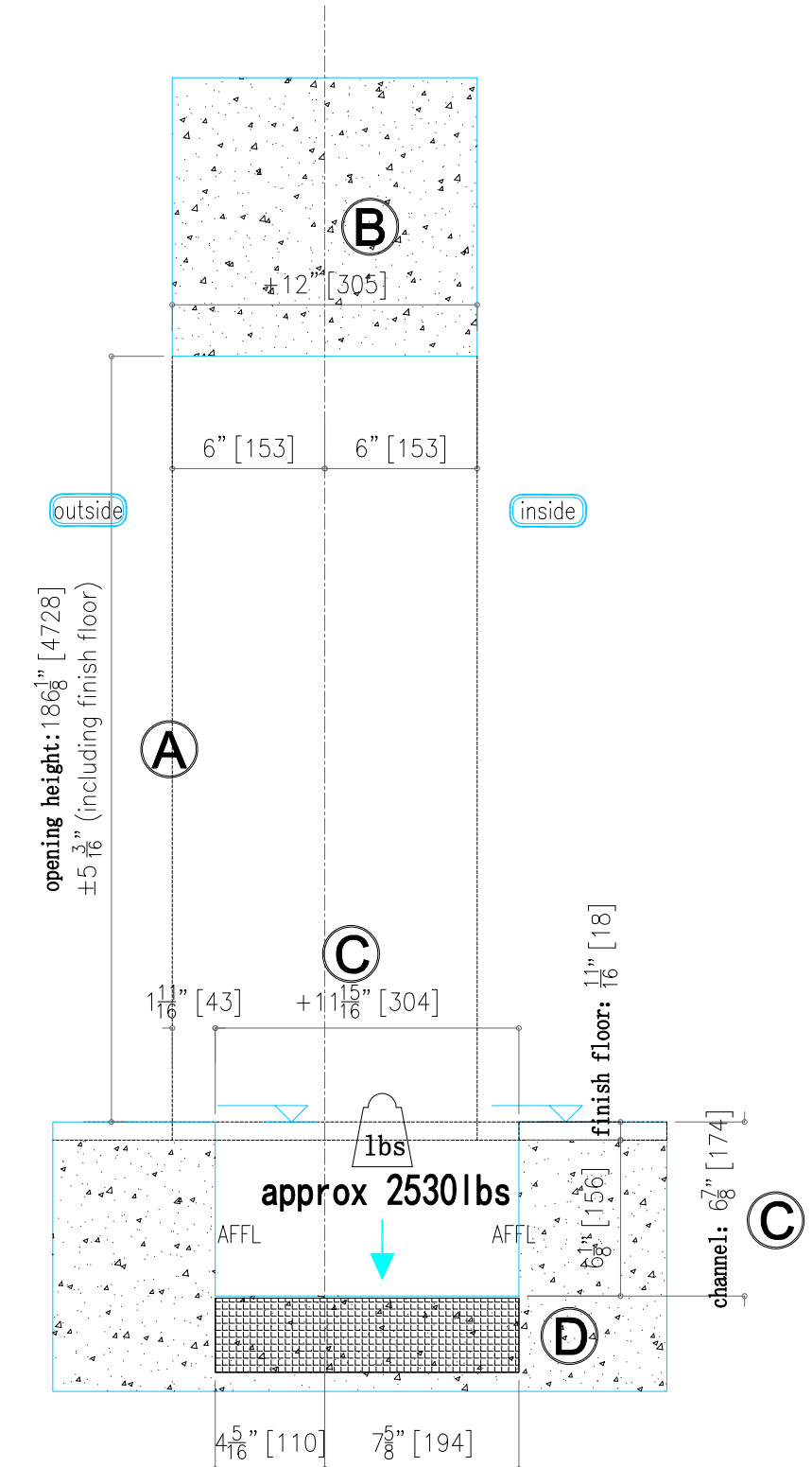
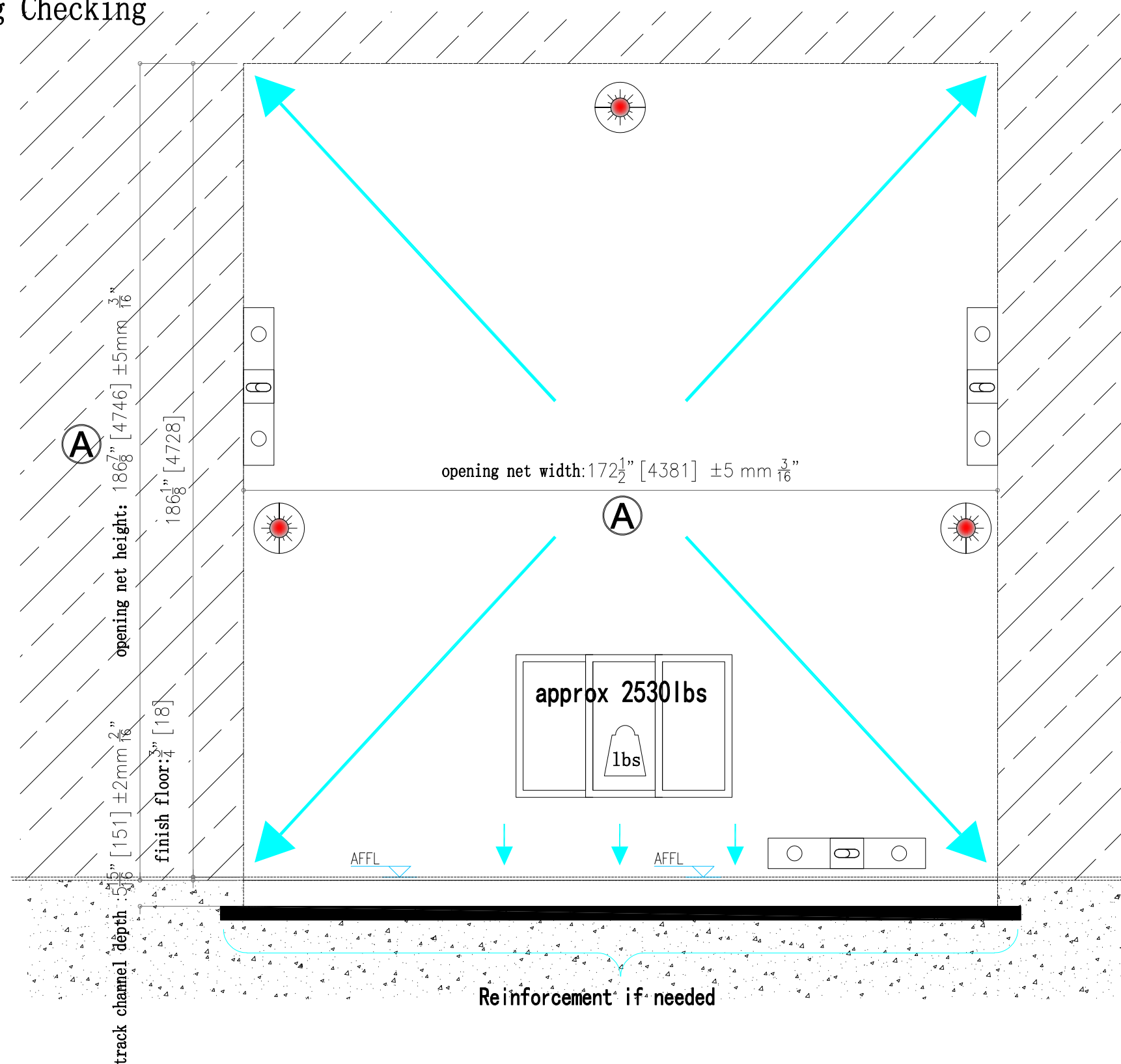
protection
tape:3

level:1

scissor:1

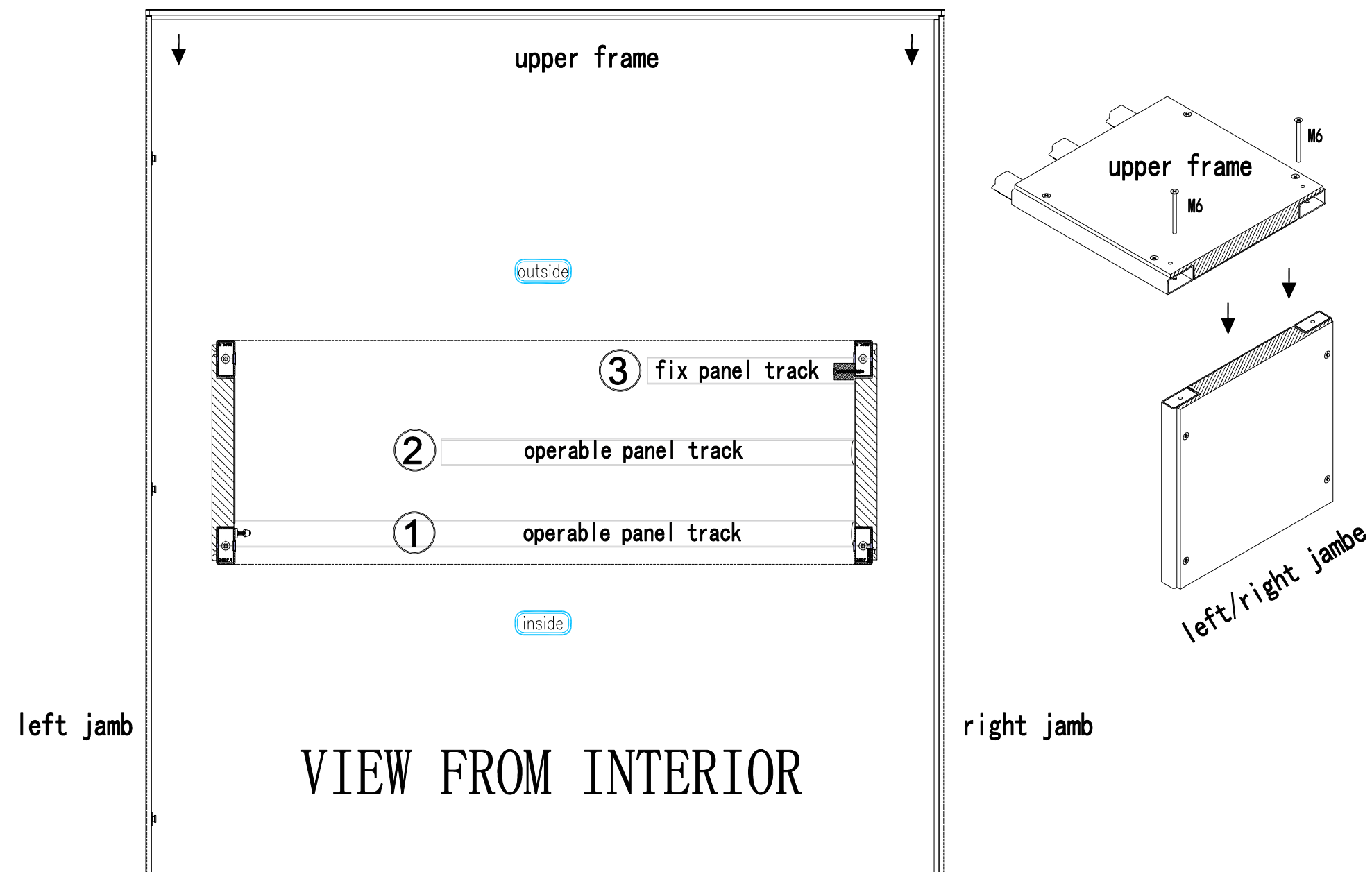
knife:1





I. Verify Door Opening Dimensions & Installation Conditions

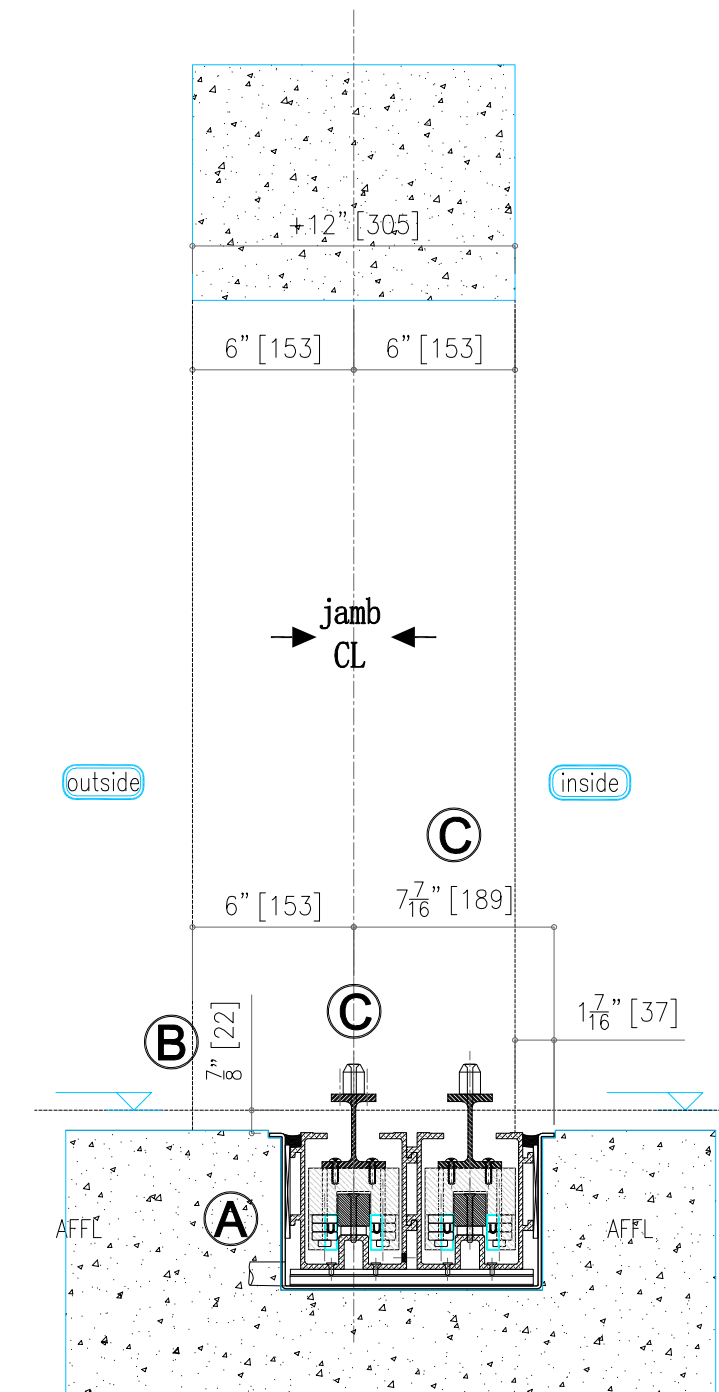
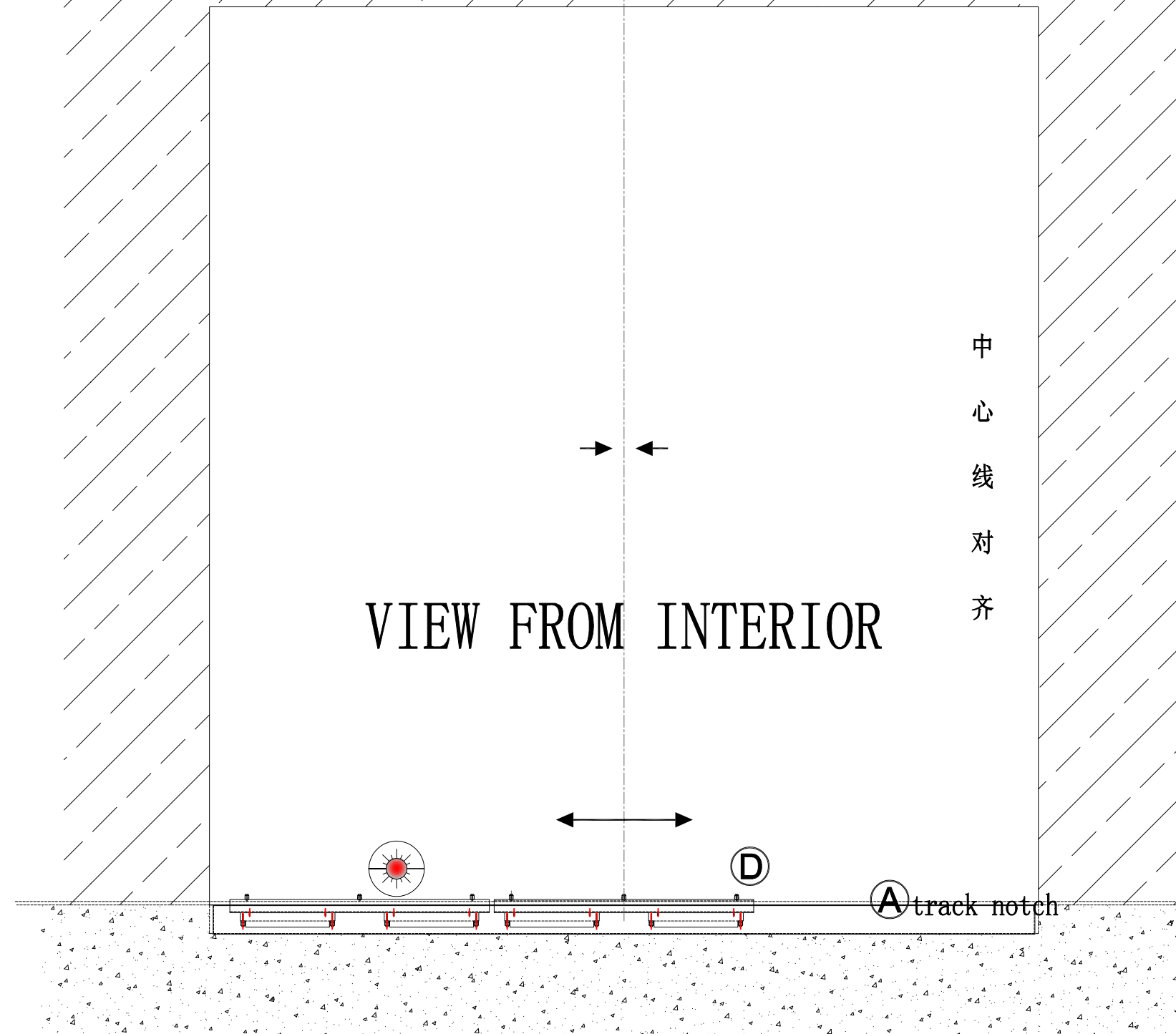
- A. Confirm door opening dimensions. As illustrated: Height, width, and diagonal measurements.
- B. Verify wall thickness $\geq 12"$ (305mm)
- C. Confirm subfloor routing dimensions for bottom track. Groove depth: Match track profile. Delay 11/16" (18mm) finish floor installation around the bottom track until door installation is completed.
- D. Evaluate subfloor load capacity prior to track installation. Total door weight: 2,530 lbs (1,148 kg). Prevents track deformation from long-term ground settlement. Mitigation measure: Reinforce subfloor beneath track channel.



II. Side Jambs and Upper Frame Assembling

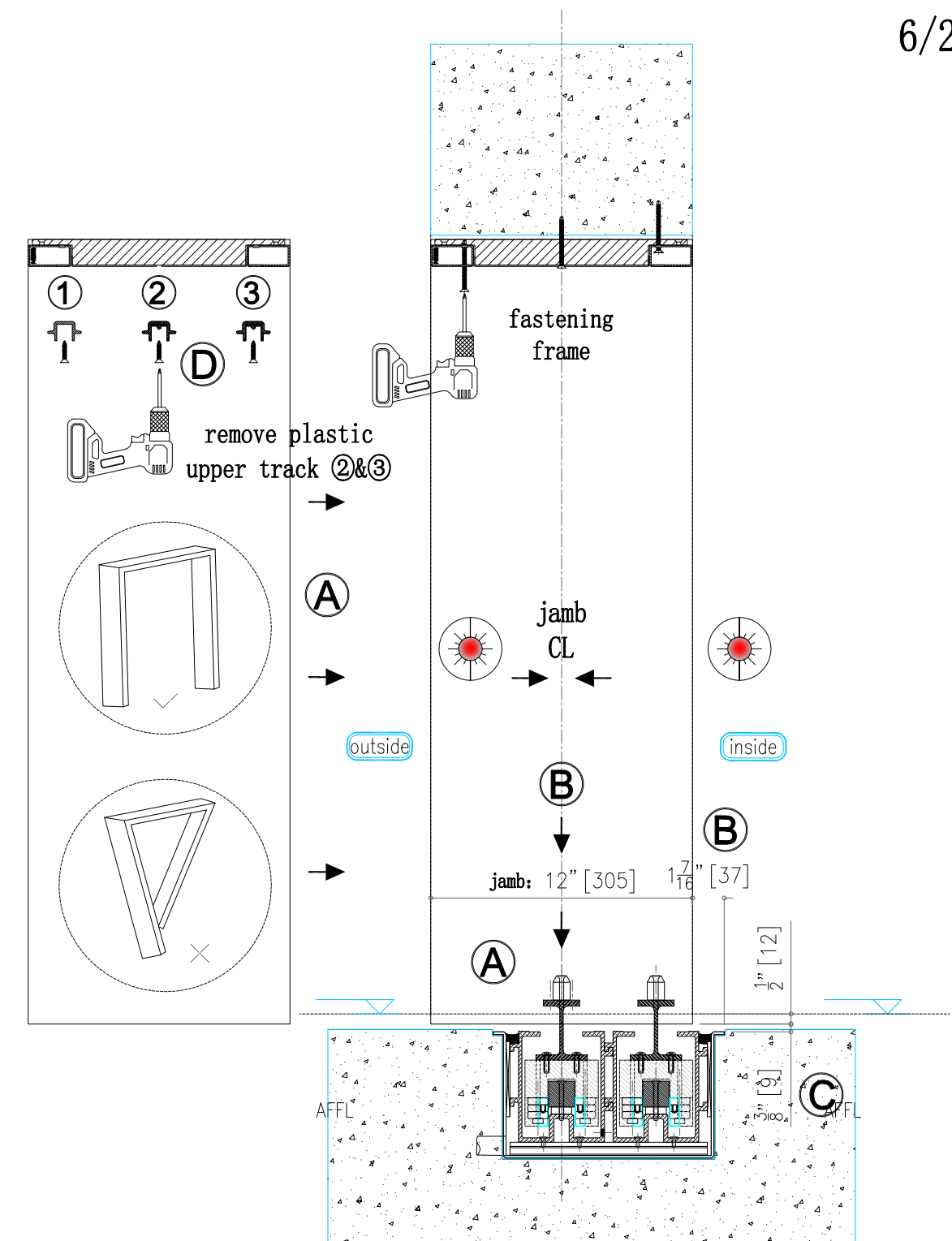
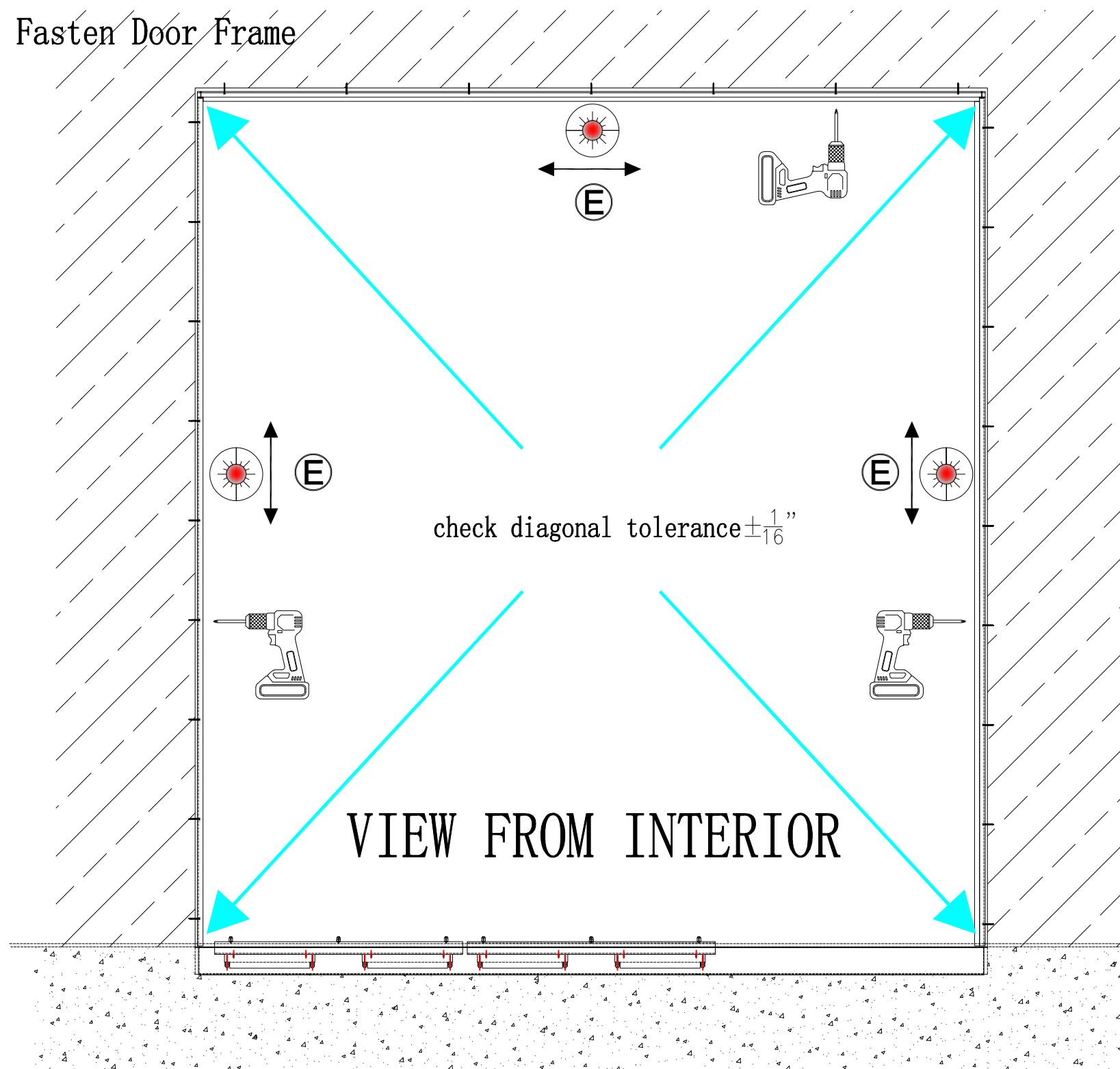
Interlock side jambs with upper frame as illustrated.

CAUTION: Observe interior/exterior orientation.



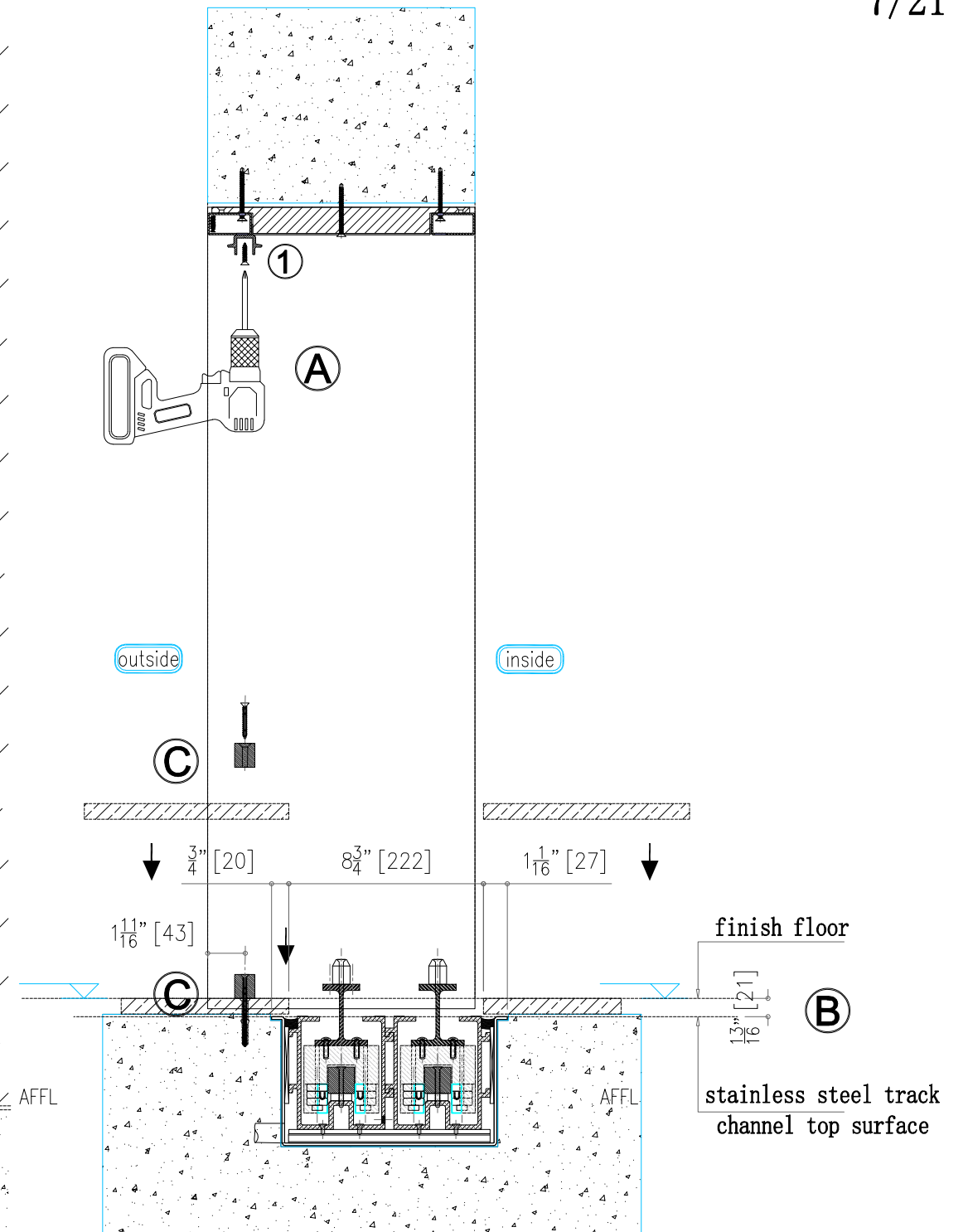
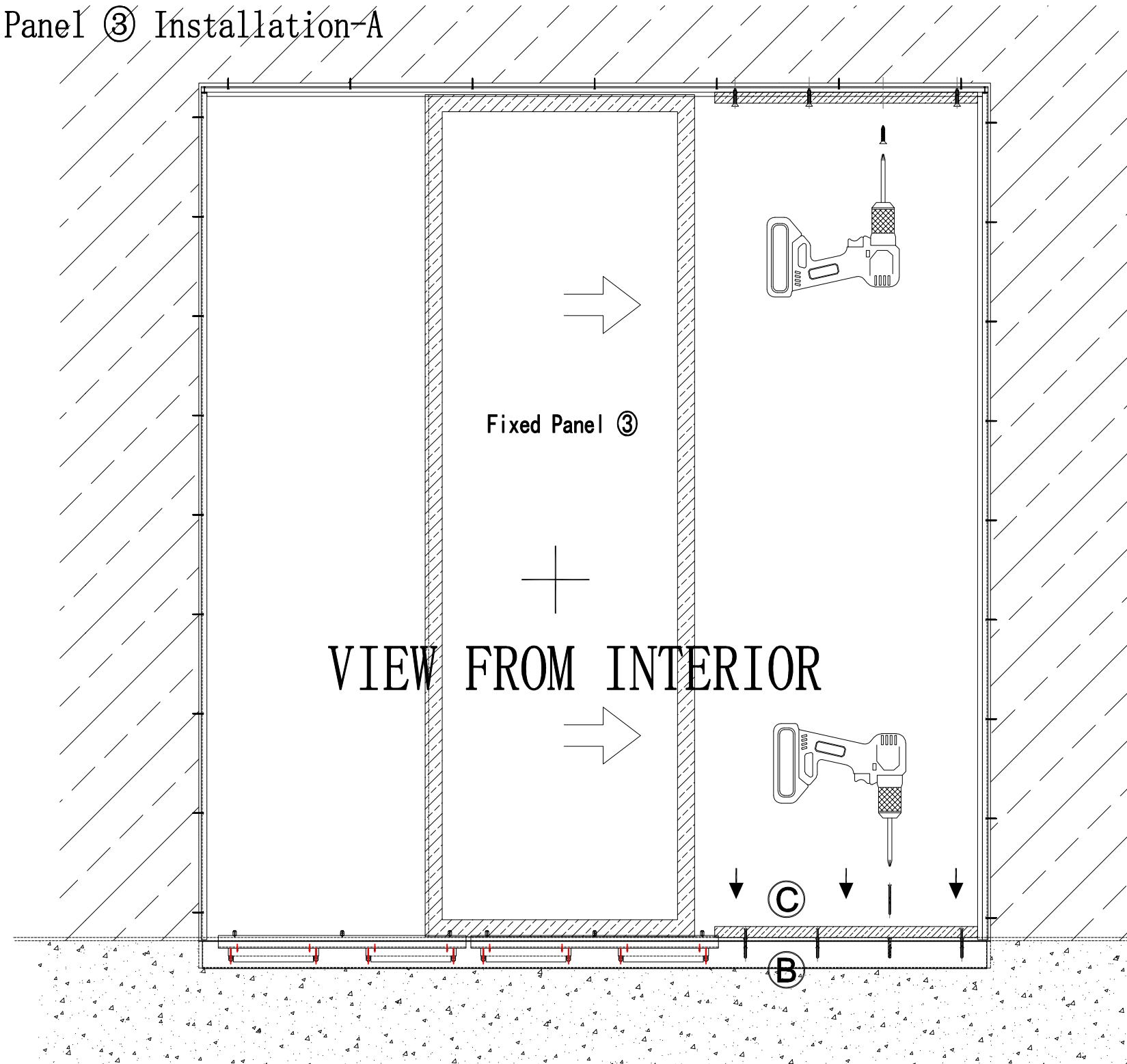
III. Bottom Track Installation

- A. Pre-plumb drainage to track. Route drainage line prior to track placement. CAUTION: Orient track notch toward RIGHT.
- B. Track embedment depth: $7/8" \pm 1/16"$ from top surface of stainless steel channel to finish floor level (FFL).
- C. Track positioning: from interior edge of stainless steel channel to jamb CL $7 7/16" \pm 1/16"$, to jamb edge $1 7/16"$. Door panel 2 track CL to jamb CL concentric alignment.
- D. Secure track with staggered fastening pattern per field conditions. Verify track levelness $\leq \pm 1/16"$ over the width.



IV. Fasten Door Frame

- A. Translate pre-assembled door frame (upper frame & side jambs) into opening while maintaining planar alignment.
- B. Align frame position: CL of jambs concentric with door panel 2 track CL (tolerance: $\pm\frac{1}{16}$ "). Interior edge of stainless bottom track channel to jamb edge: $1\frac{7}{16}$ ".
- C. Maintain $\frac{3}{8}$ " clearance between top of bottom track and jamb leg base.
- D. Remove plastic upper track ②&③ per diagram; store in protective packaging.
- E. Verify levelness of upper/side jambs, plumbness, diagonal dimensions: $\pm 1/16$ " tolerance. Execute three-axis verification prior to screw fixation.



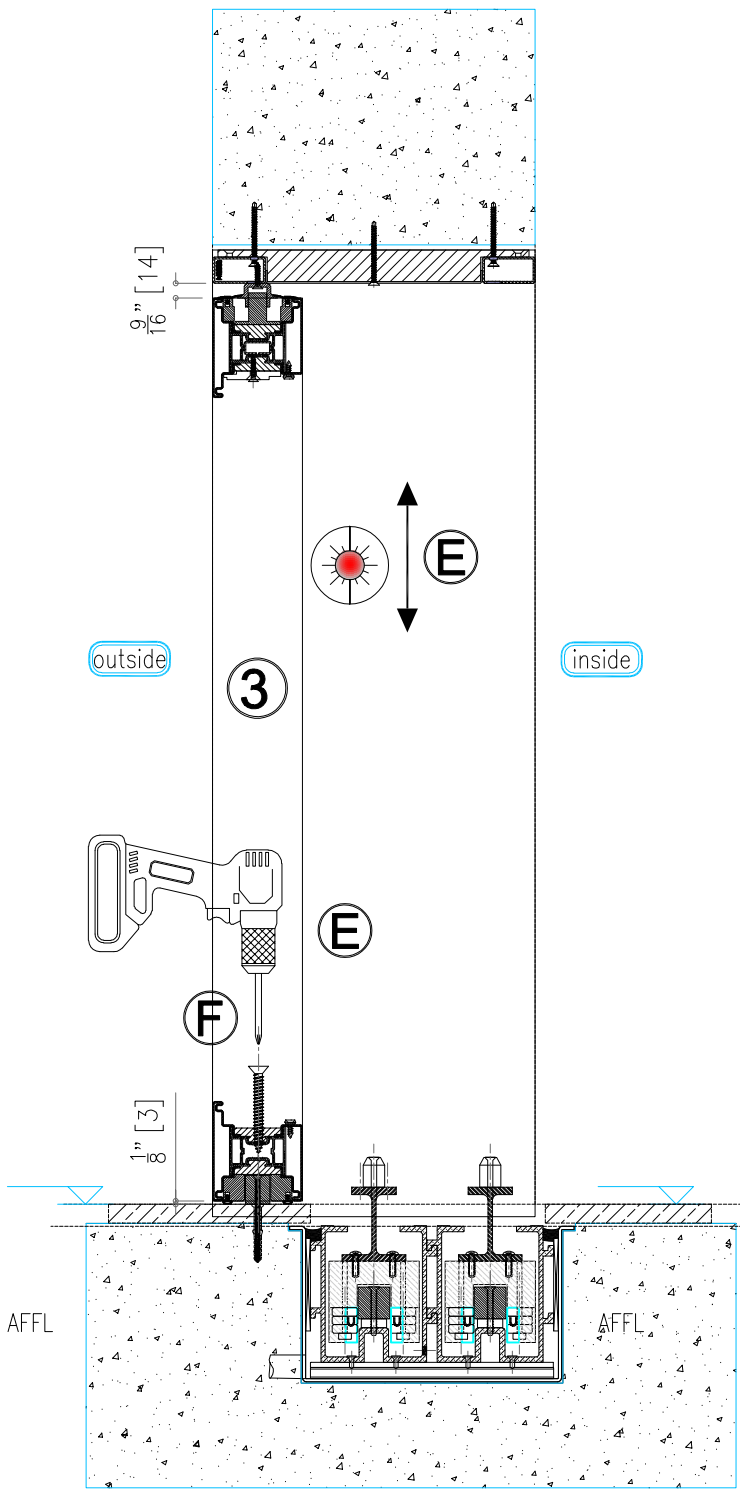
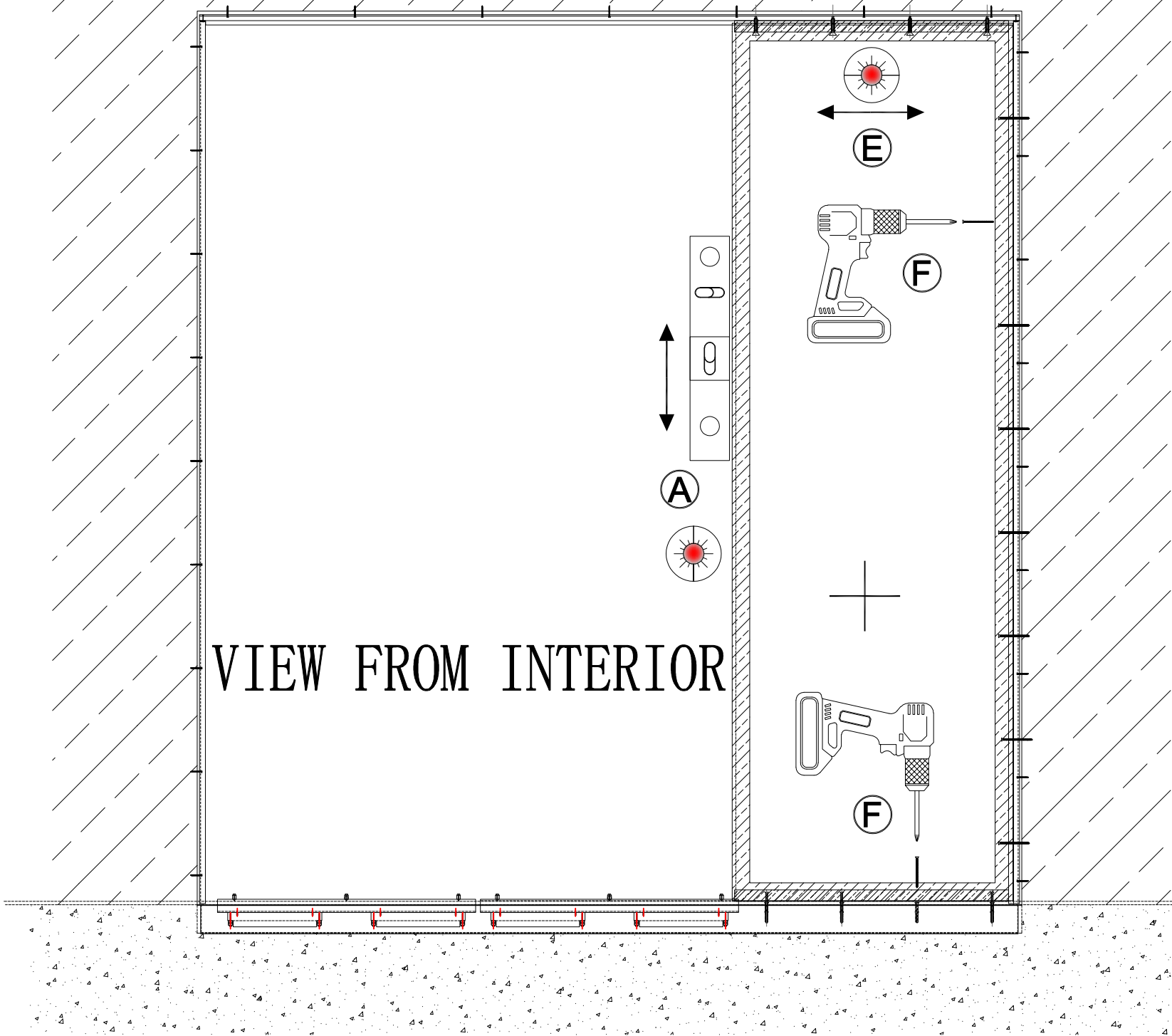
V. Fixed Panel Installation

A. Fasten plastic upper track ①, through the existing screw holes.

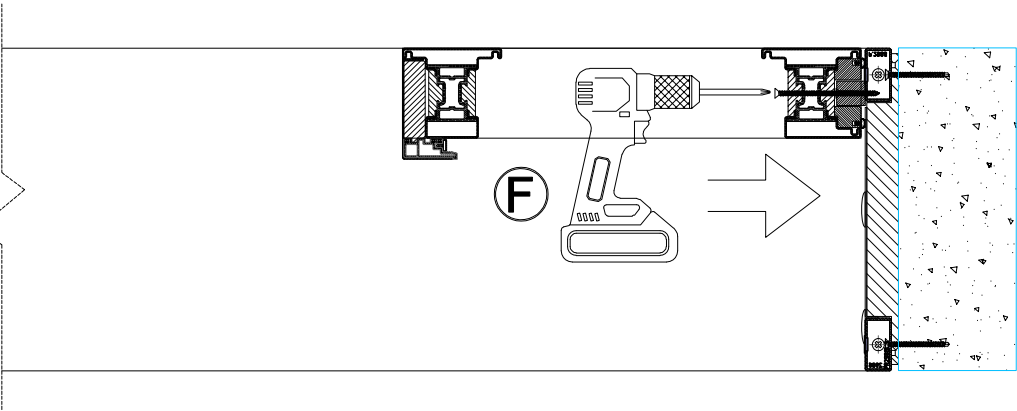
B. Install finish floor, maintain $\frac{13}{16}'' \pm \frac{1}{16}''$ clearance between finished floor level (FFL) and top surface of stainless steel track channel.

C. Mount rubber seal bar at FFL with centerline positioned: $1\frac{11}{16}''$ from outdoor edge of jamb.

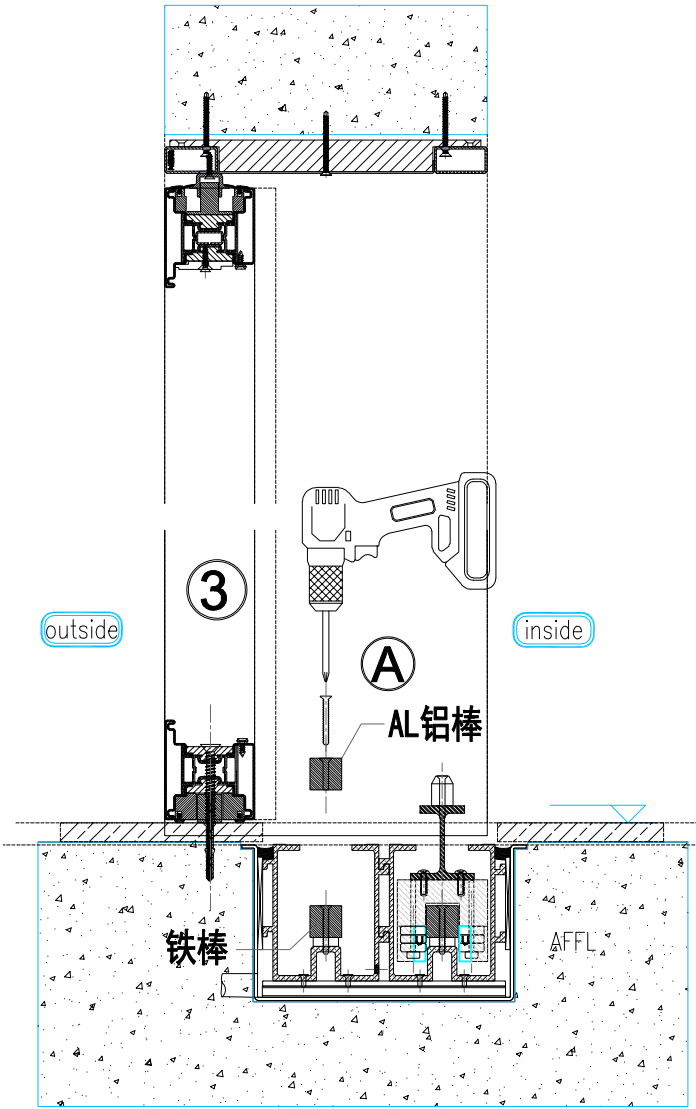
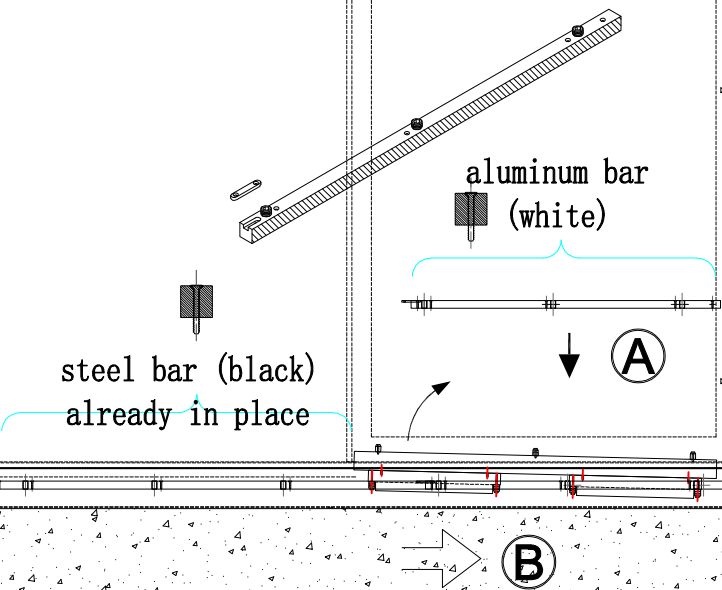
D. Align fixed panel with plastic upper track on the top, and with rubber seal bar on the bottom, translate leaf LEFT-TO-RIGHT until full contact with door jamb.



E. Verify the level and plumb after the fixed panel is moved in place.
F. Fasten screws on the right side and on the bottom.

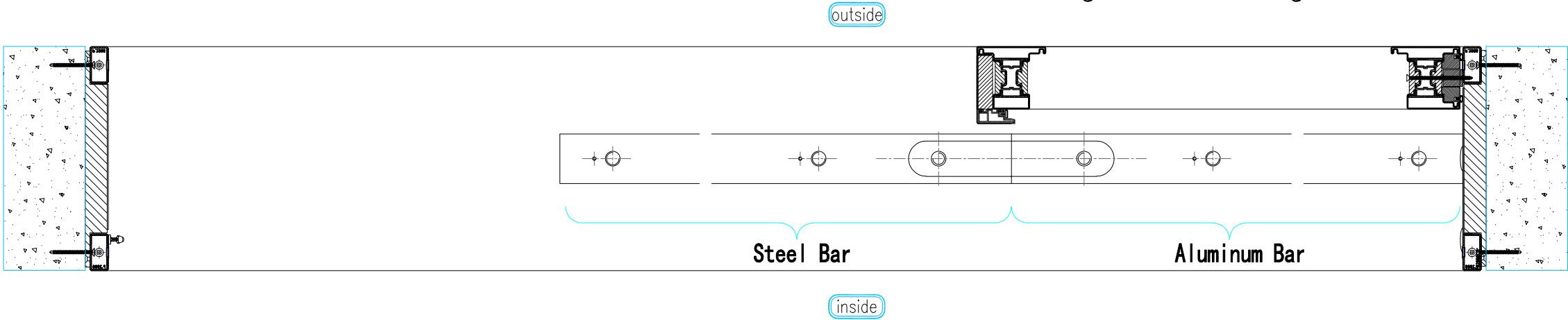


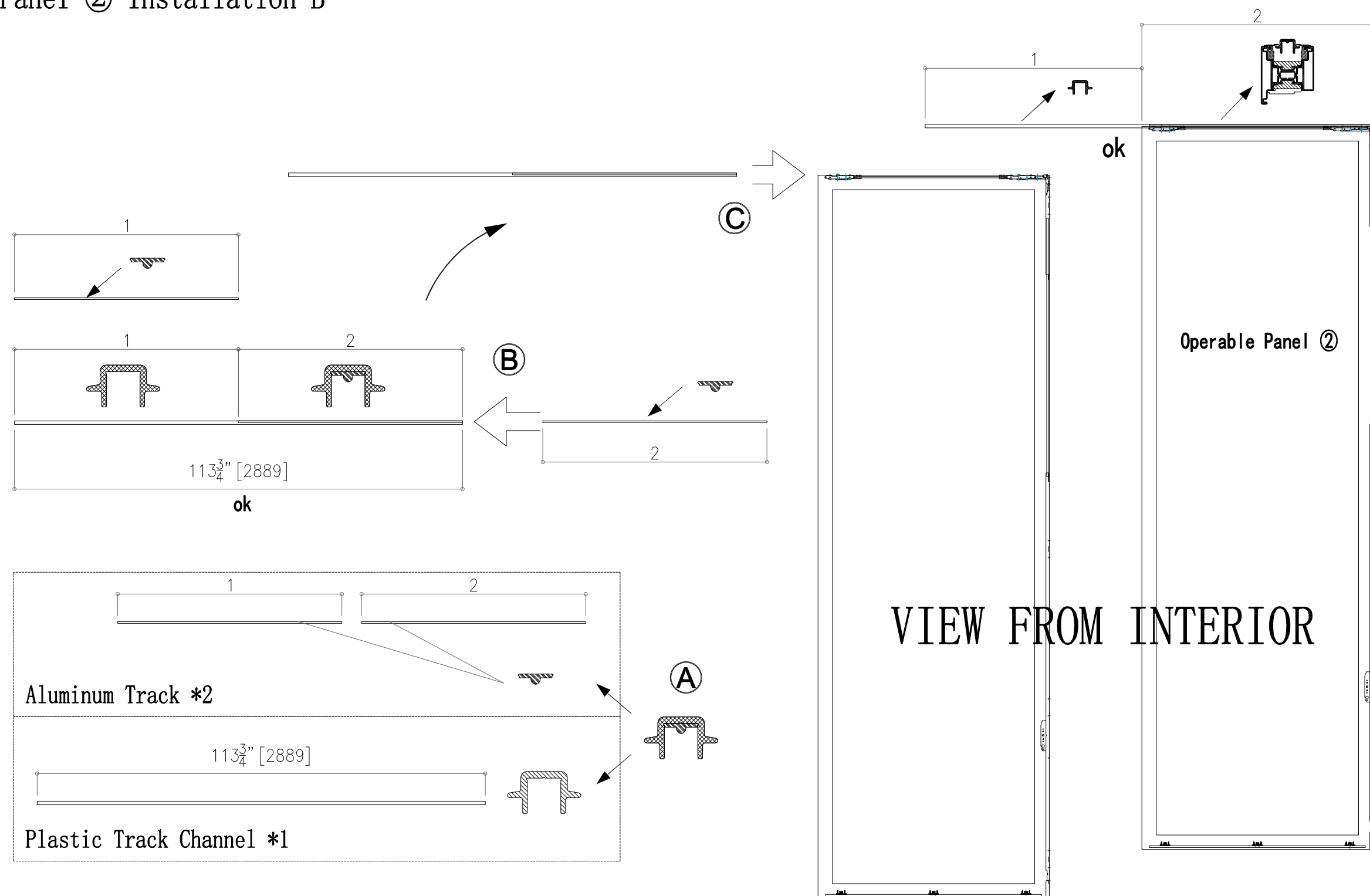
VIEW FROM INTERIOR



VI. Operable Panel ② Installation-A
(aluminum bar installation)

- A. Slide the magnet block from the far right to the left, then remove the rightmost steel bar and replace it with the aluminum bar.
- B. Slide the magnet block to the right until it is above the aluminum bar. At this point, due to magnetism, the magnet block will tilt with the left side higher than the right side. This is a normal phenomenon.



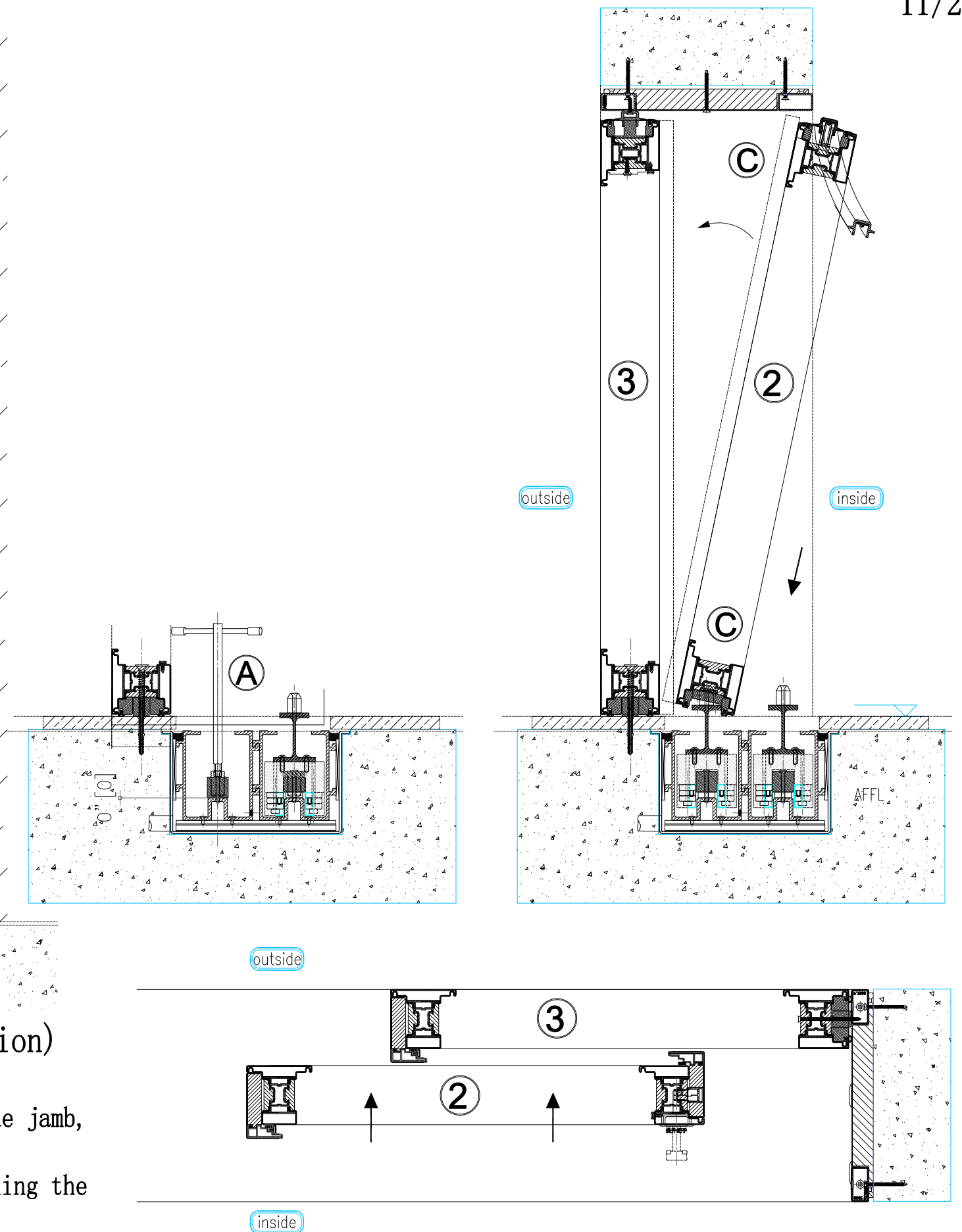
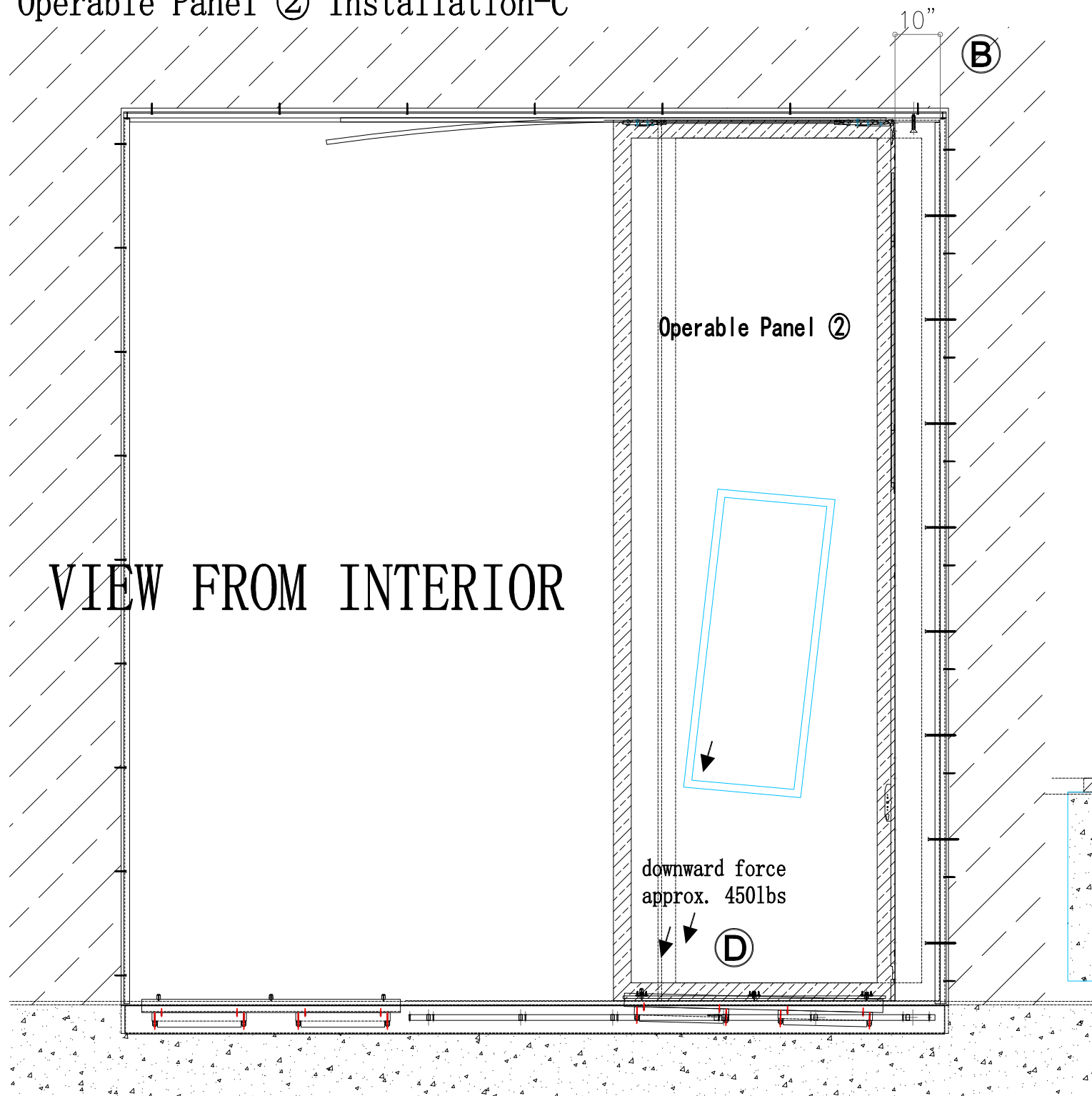


VI. Operable Panel ② Installation-B (upper track treatment)

- Understand the upper track structure, which consists of three parts—two sections of aluminum track and one plastic track channel (as shown in the figure above).
- First, slide one section of the aluminum track into the right half of the plastic track channel. At this point, the right half of the plastic channel contains the aluminum track, while the left half remains unoccupied.
- Insert the plastic track channel into the corresponding slot at the top of the door panel. Ensure that the top door seal covers the fins on both sides of the plastic track channel (refer to the top-right diagram).

Operable Panel ② Installation-C

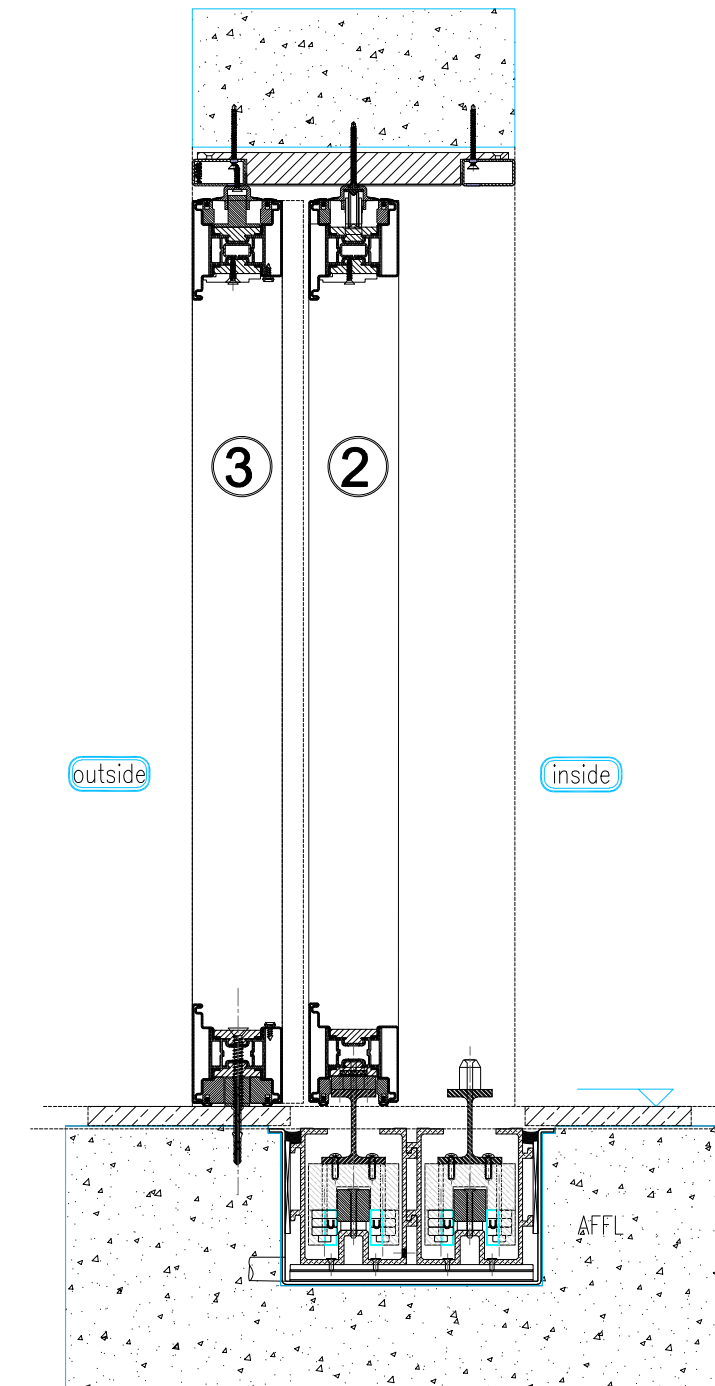
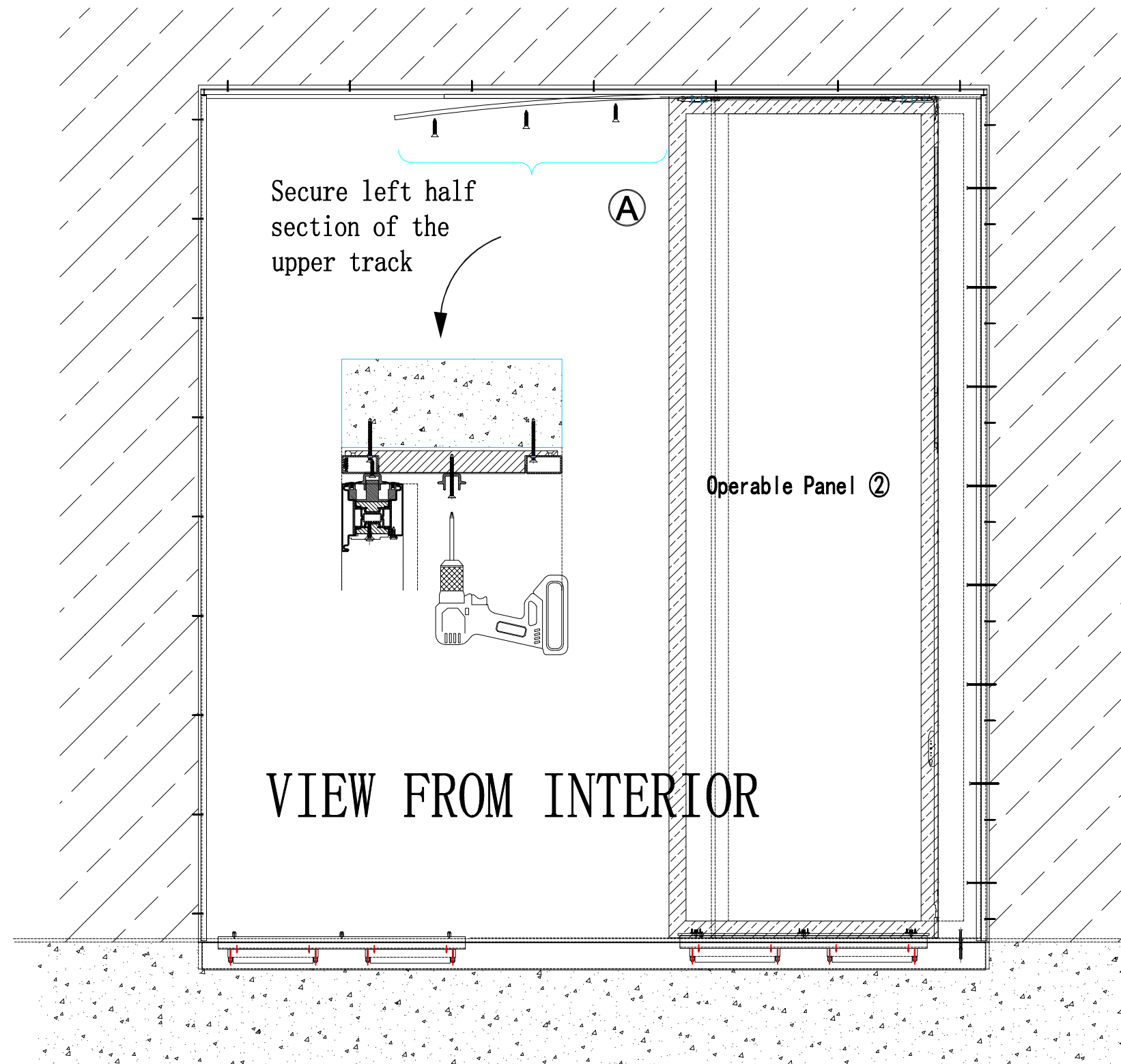
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VI. Operable Panel ② Installation-C (door panel installation)

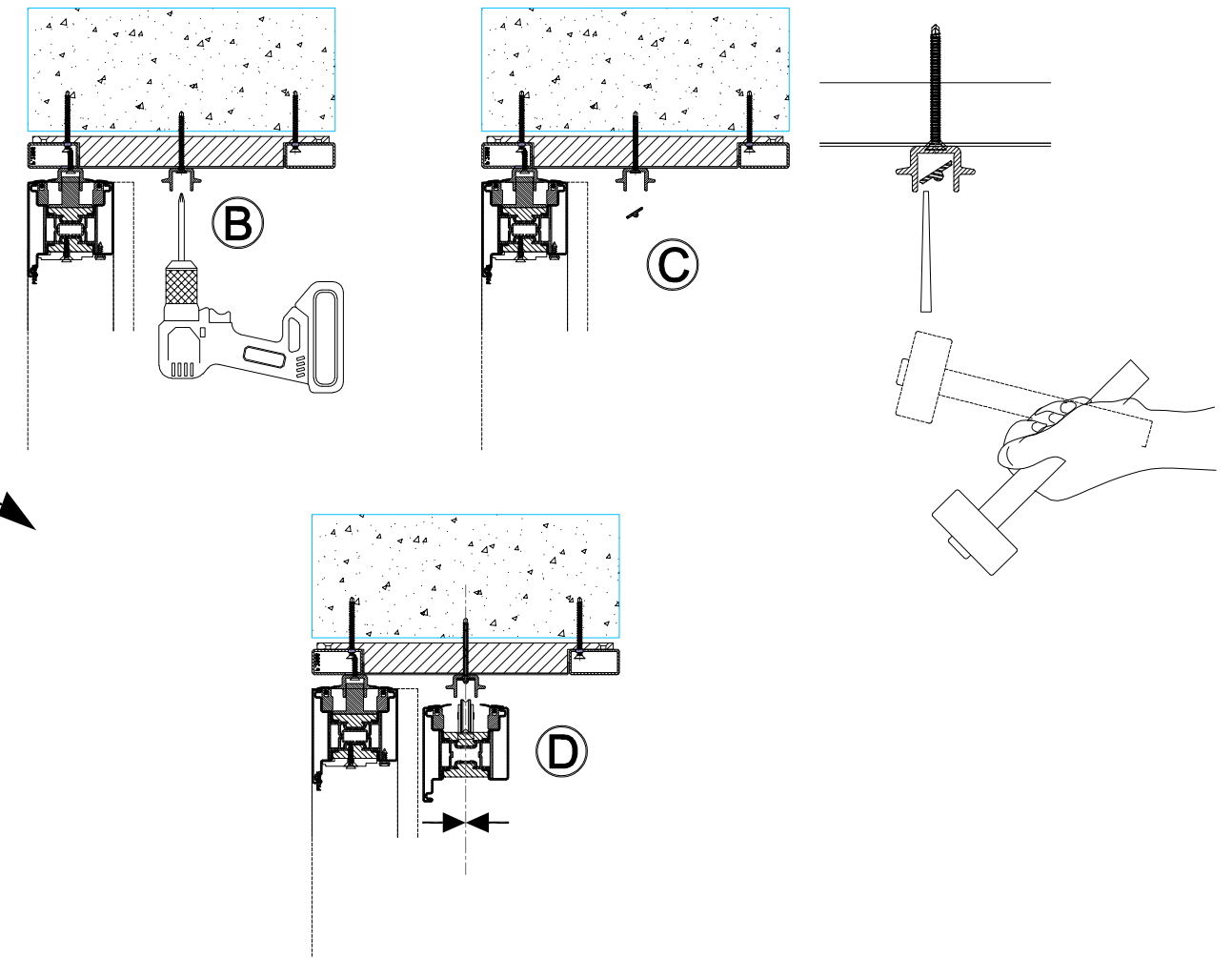
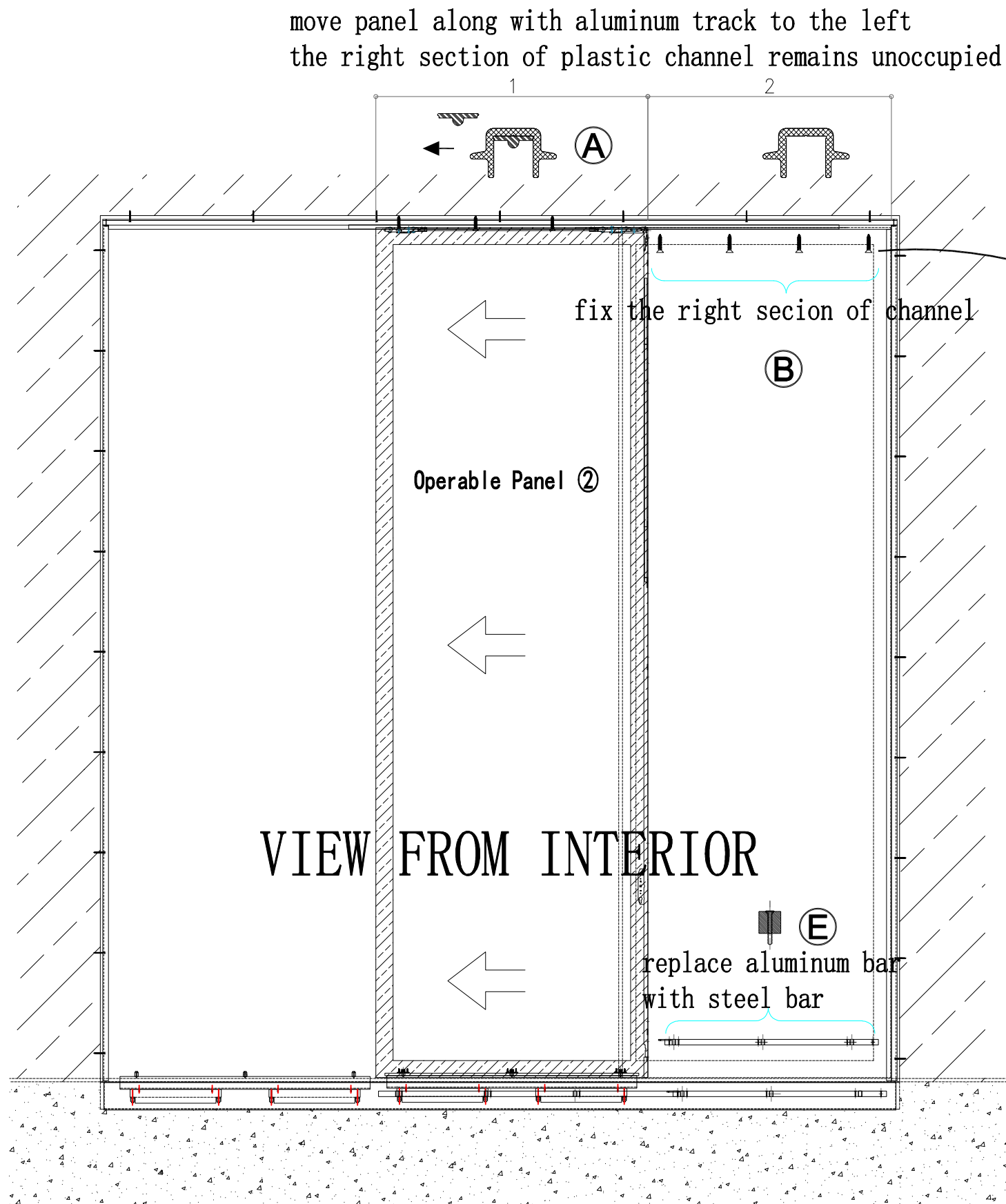
- A. Lower the steel bar to its lowest position. [Refer to page 20, Point 2]
- B. Position the right side of the door panel approximately 10" from the side jamb, preparing for installation.
- C. Tilt the door panel inward from the interior side and insert it by aligning the three holes at the bottom with the three shafts on the magnet block.
- D. Apply approximately 450 lbs of downward force at the lower-left corner of the door panel. Once the bottom of the door panel becomes parallel to the bottom track, the top will go into the door frame.

ref. ppt
p. 15-16



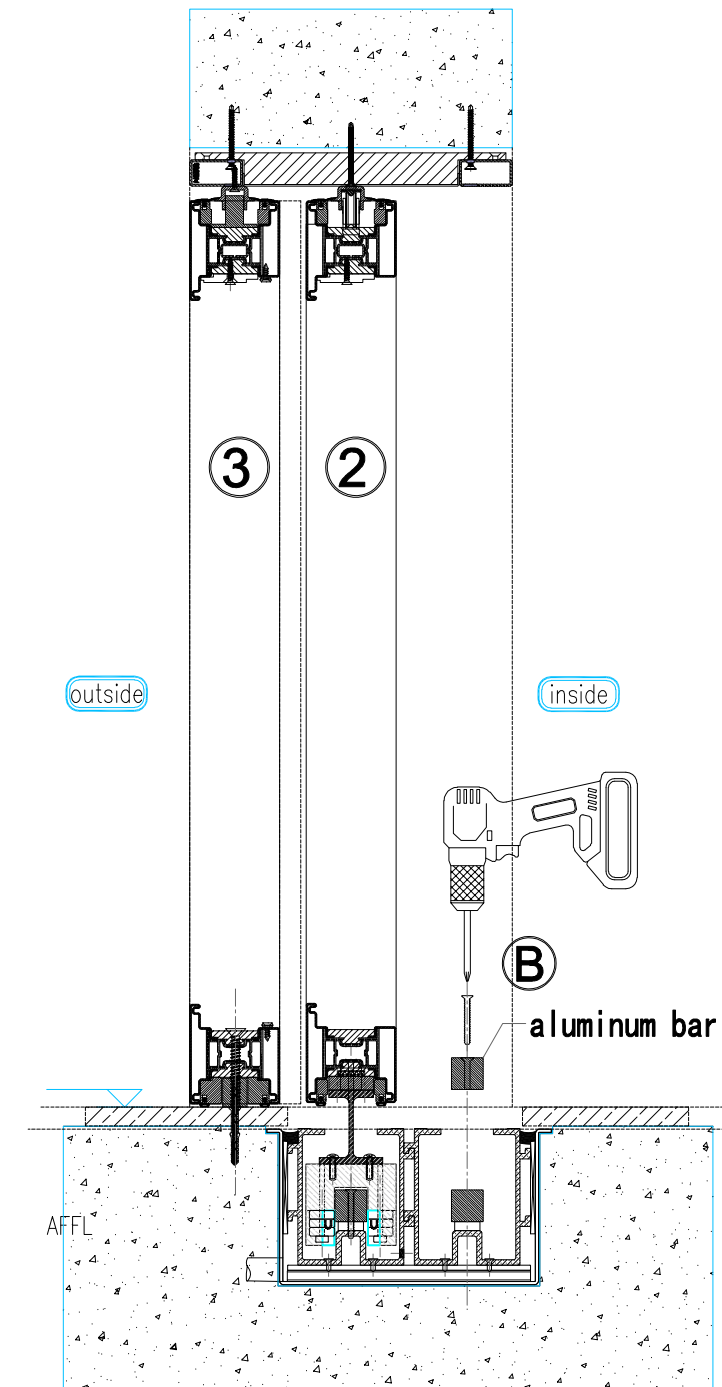
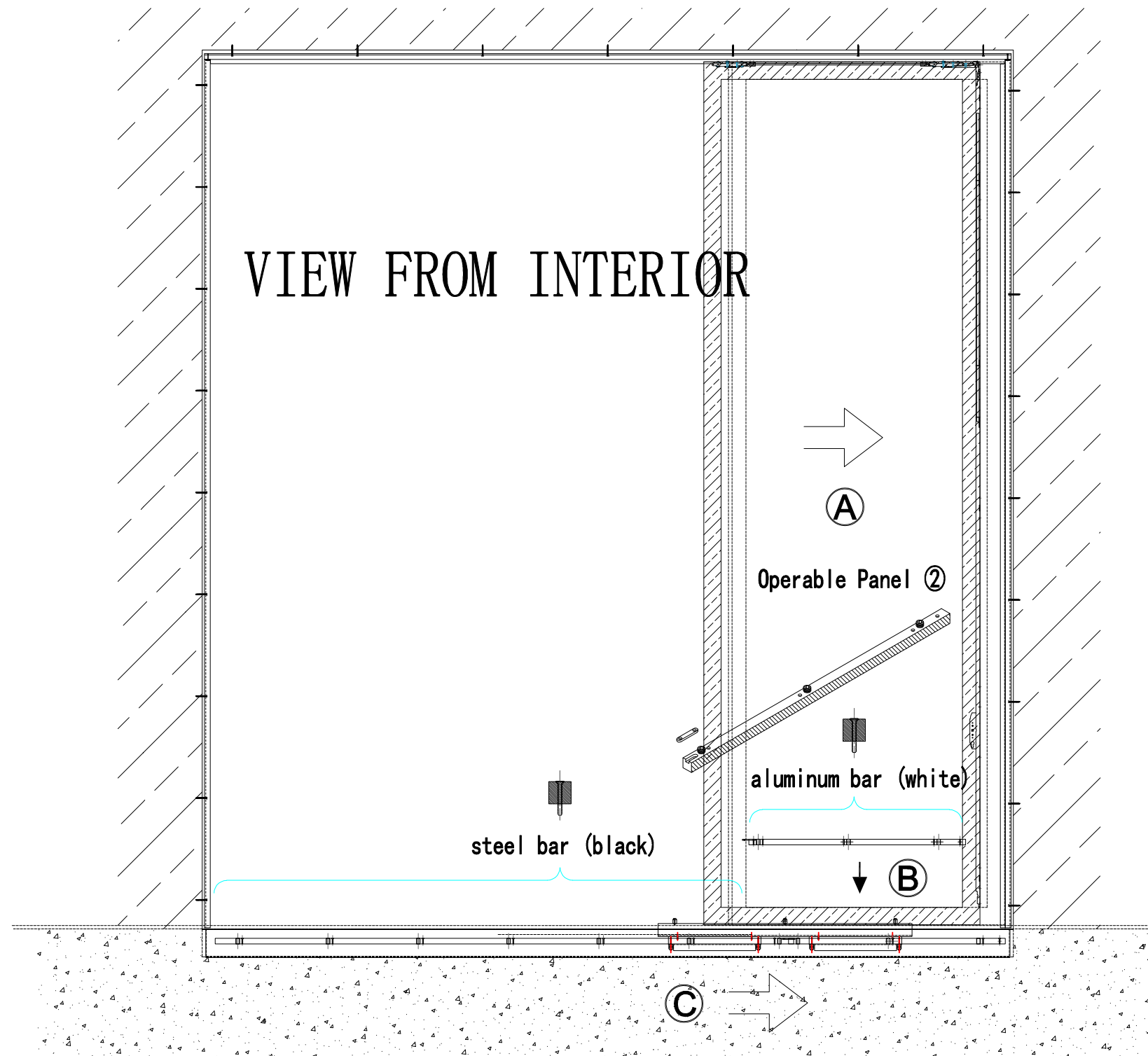
VI. Operable Panel ② Installation-D (upper track fixation)

A. Secure the upper track (the left half-section without the aluminum track) to the upper frame using screws. Utilize the existing screw holes.



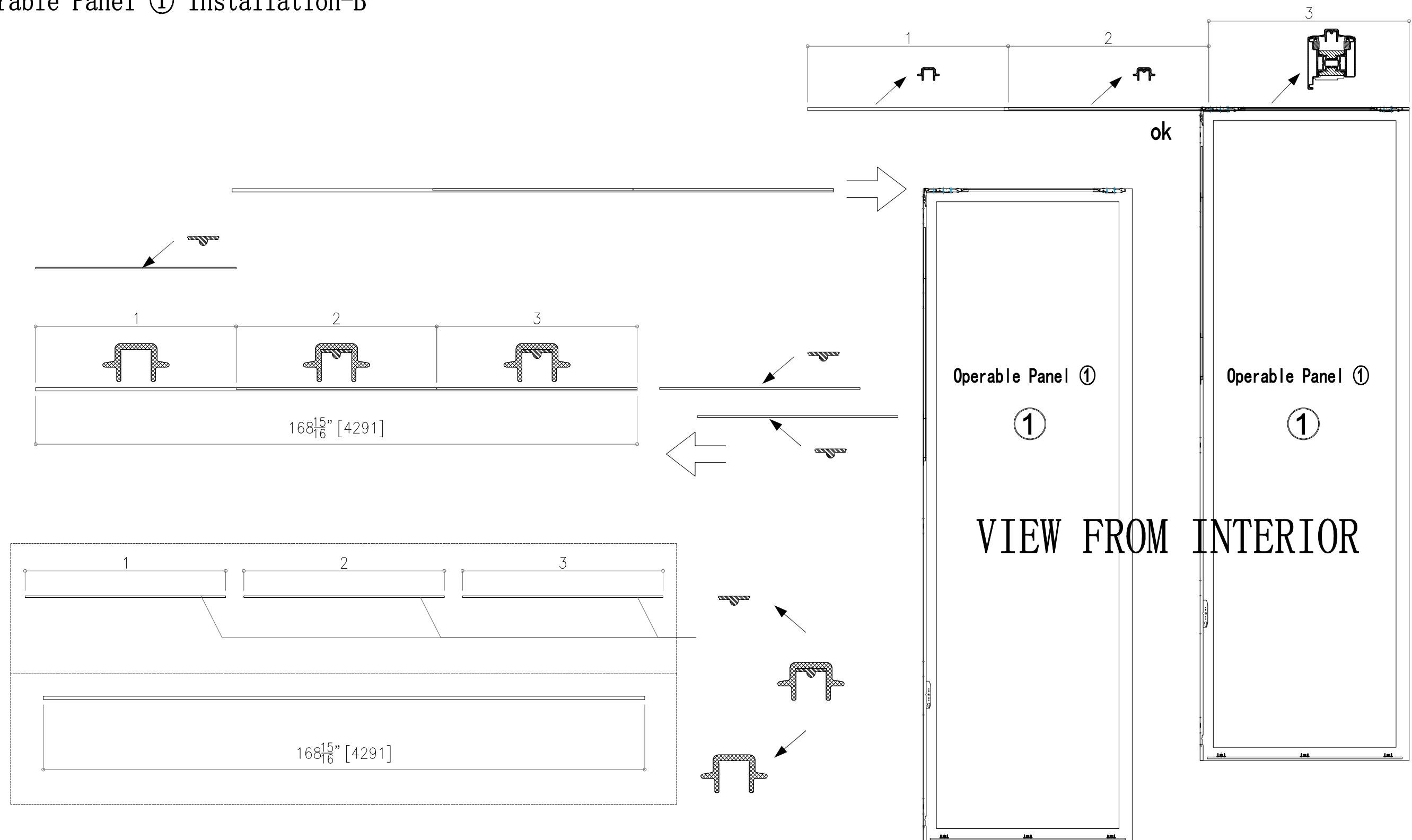
VI. Operable Panel ② Installation-E (completion)

- Slide the door panel together with the aluminum track inside the plastic track channel to the left.
- Secure the right half-section of the plastic track channel with screws using the existing screw holes.
- After fixing the plastic track channel, tap the remaining section of the aluminum track into the plastic track channel with a hammer.
- Check whether the rollers on the top of the door panel are perfectly aligned with the aluminum track.
- Remove the aluminum bar through the access opening on the lower track and replace it with the steel bar. [Note: The steel bar must be leveled horizontally, otherwise the door panel will slide with difficulty. Refer to detailed diagrams for adjustment methods on page 20.]



VII. Operable Panel ① Installation-A (aluminum bar installation)

- A. Slide the door panel ② we just installed to the far right.
- B. Slide the magnet block for door panel ① from the far right to the left, then remove the rightmost steel bar and replace it with the aluminum bar.
- C. Slide the magnet block to the right until it is above the aluminum bar. At this point, due to magnetism, the magnet block will tilt with the left side higher than the right side. This is a normal phenomenon.

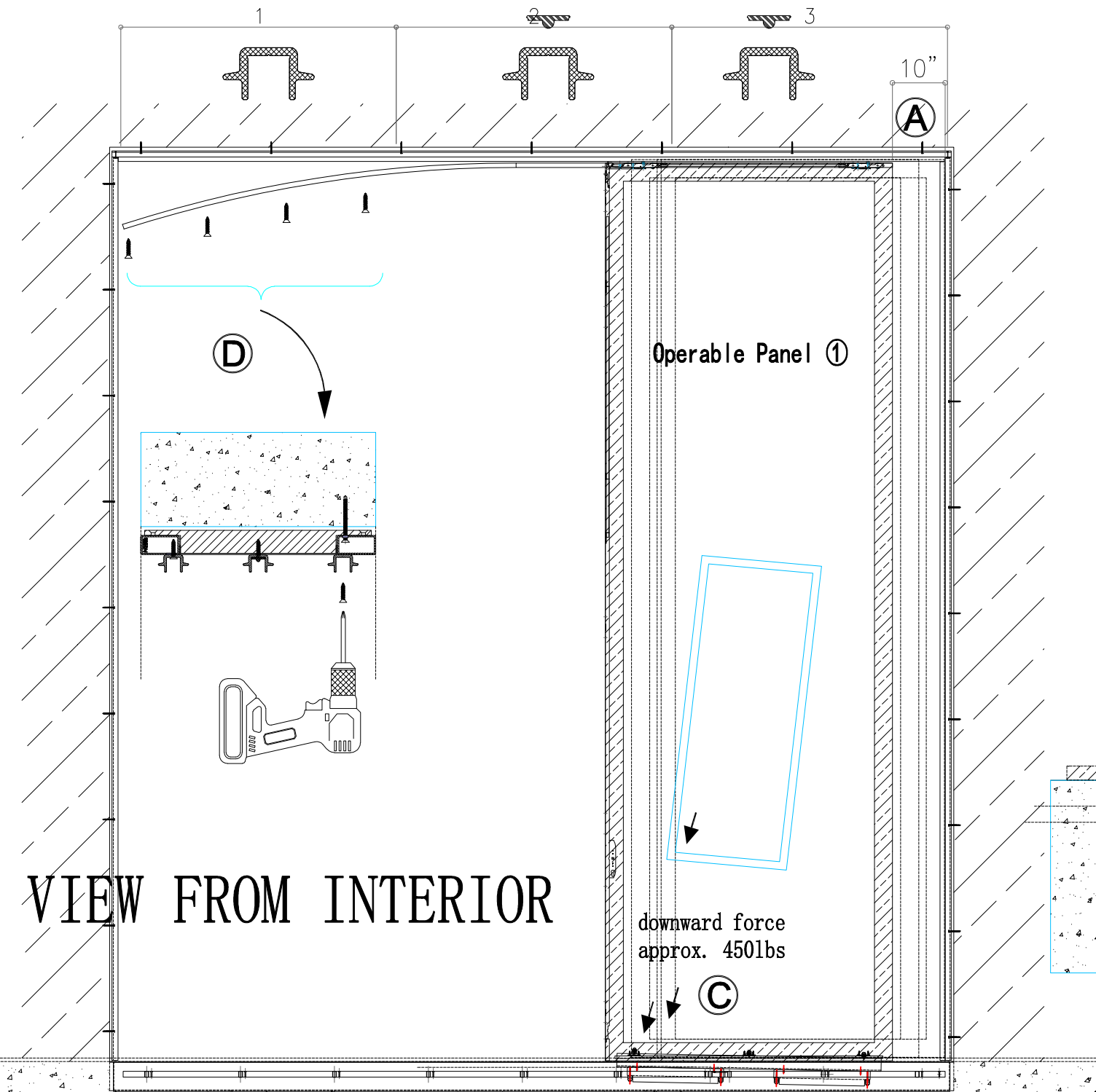


VII. Operable Panel ① Installation-B (upper track treatment)

- Understand the upper track structure, which consists of four parts—three sections of aluminum track and one plastic track channel (as shown in the figure above).
- First, slide two sections of the aluminum track into the right half of the plastic track channel. At this point, the right $\frac{2}{3}$ of the plastic channel contains the aluminum track, while the left $\frac{1}{3}$ remains unoccupied.
- Insert the plastic track channel into the corresponding slot at the top of the door panel. Ensure that the top door seal covers the fins on both sides of the plastic track channel (refer to the top-right diagram).

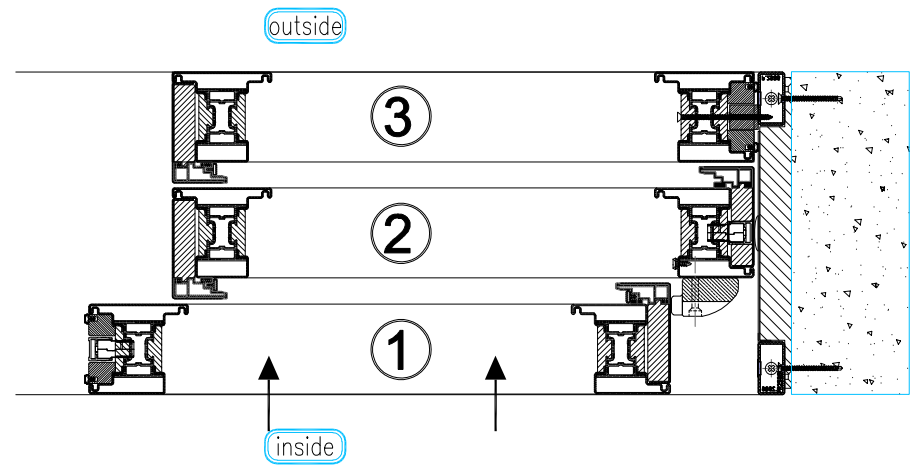
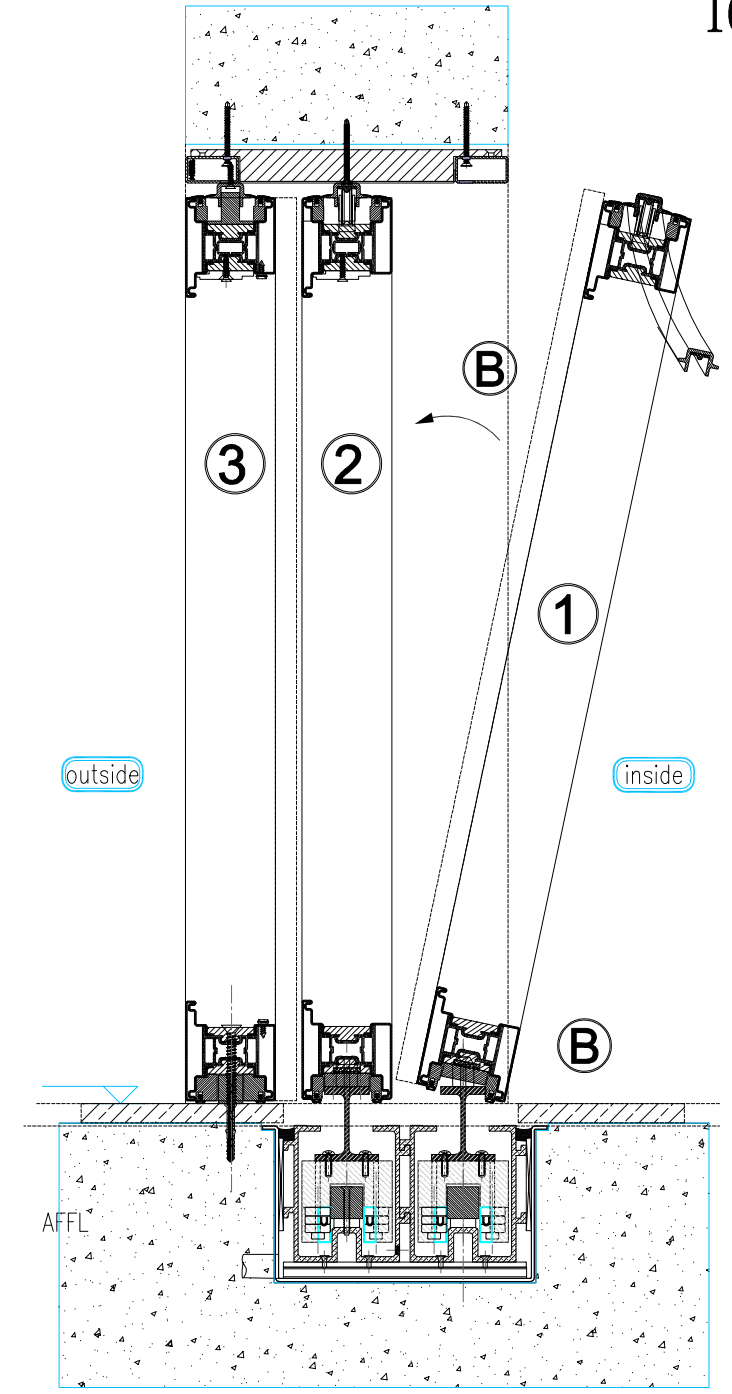
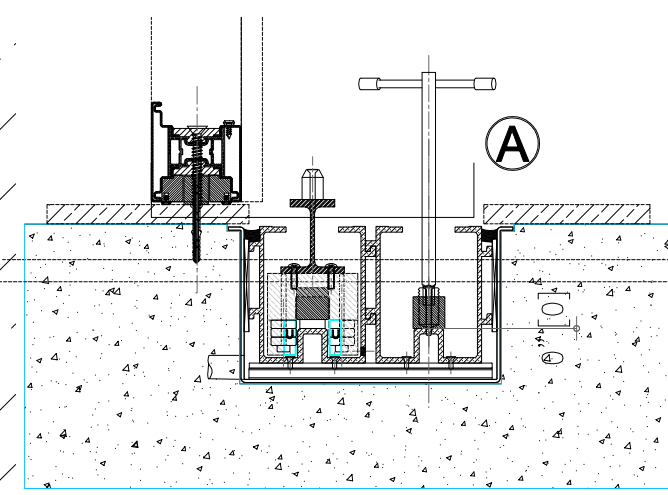
Operable Panel ① Installation-C

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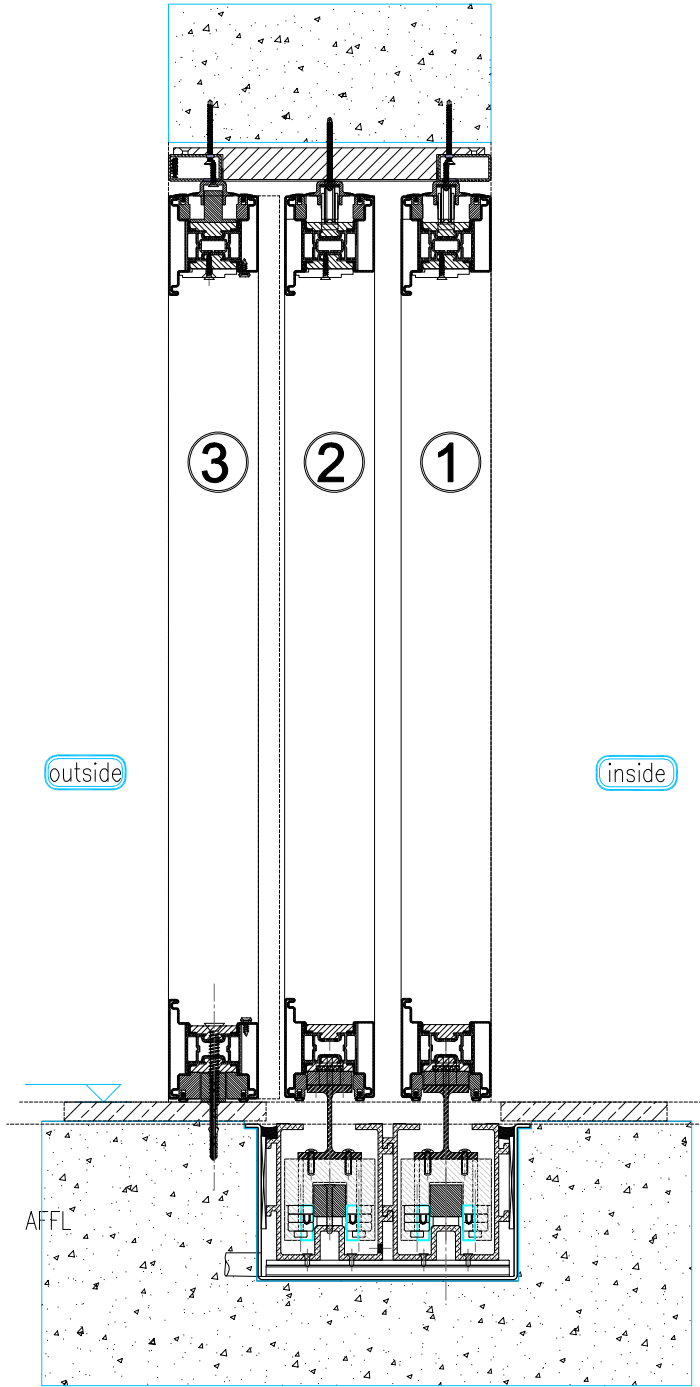
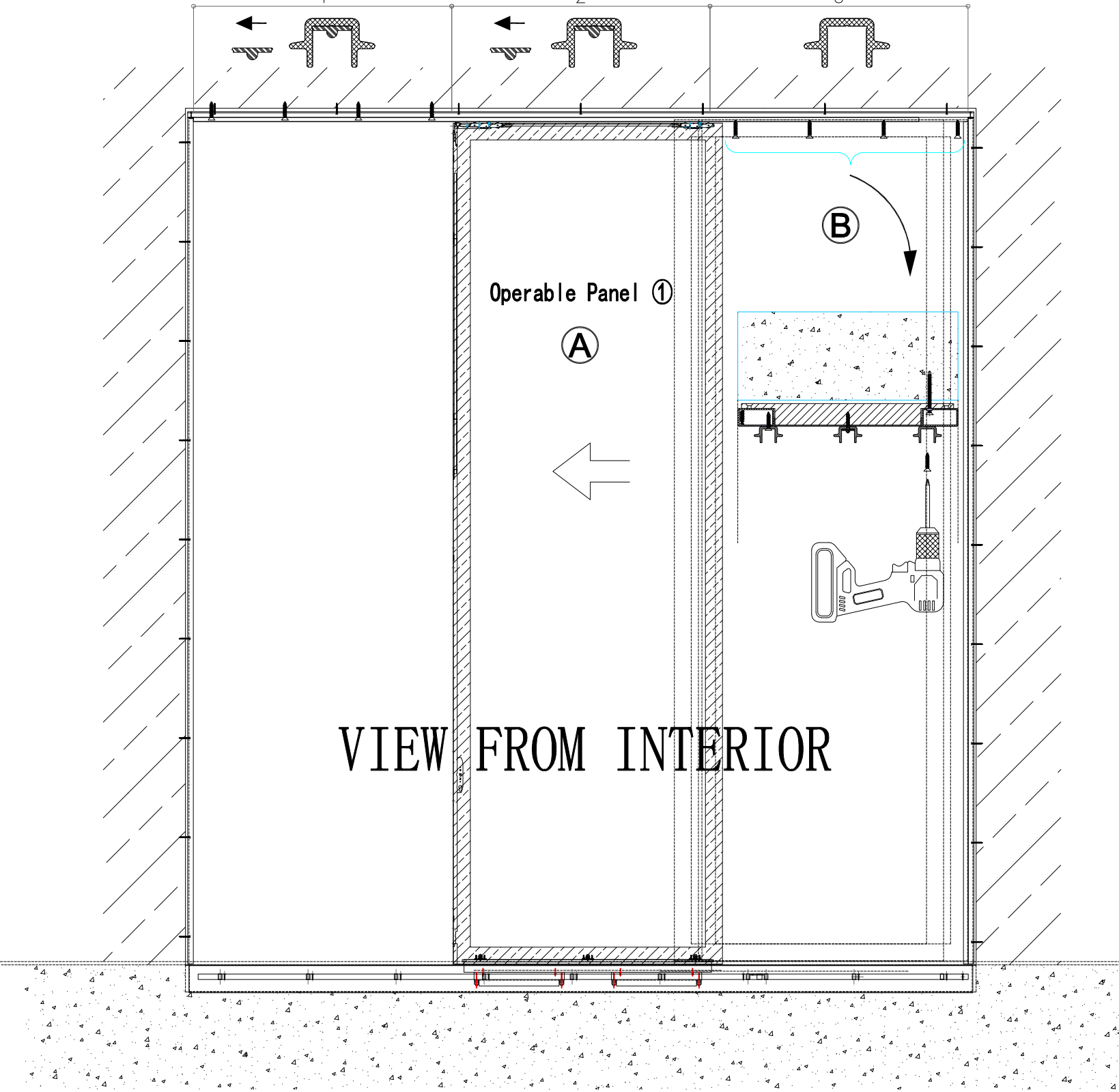


VII. Operable Panel ① Installation-C (door panel installation)

- Lower the steel bar to its lowest position. [Refer to page 20, Point 2]
- Position the right side of the door panel approximately 10" from the side jamb, preparing for installation.
- Tilt the door panel inward from the interior side and insert it by aligning the three holes at the bottom with the three shafts on the magnet block.
- Apply approximately 450 lbs of downward force at the lower-left corner of the door panel. Once the bottom of the door panel becomes parallel to the bottom track, the top will go into the door frame.
- Secure the upper track (the left $\frac{1}{3}$ without the aluminum track) to the upper frame using screws. Utilize the existing screw holes.

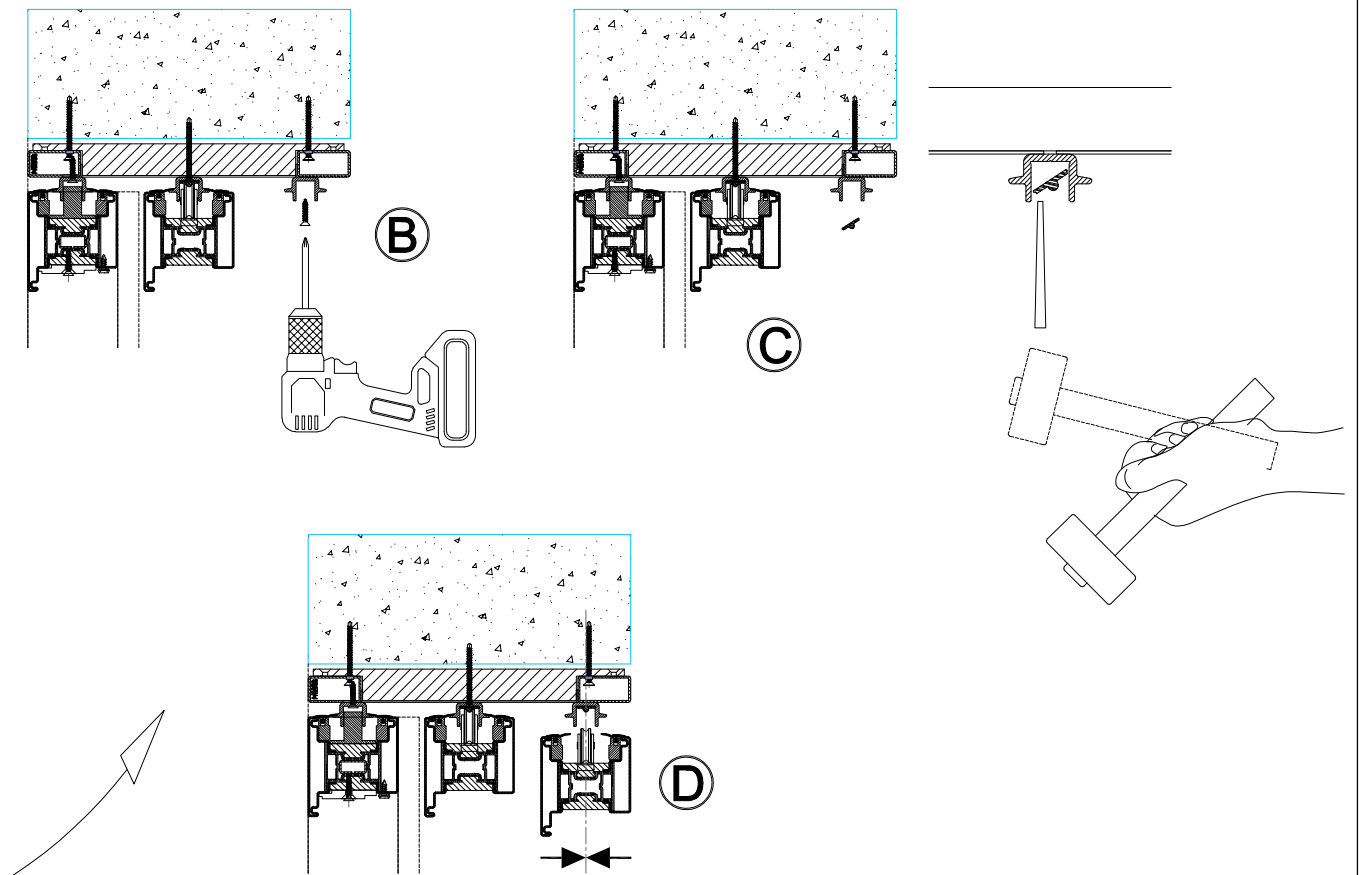
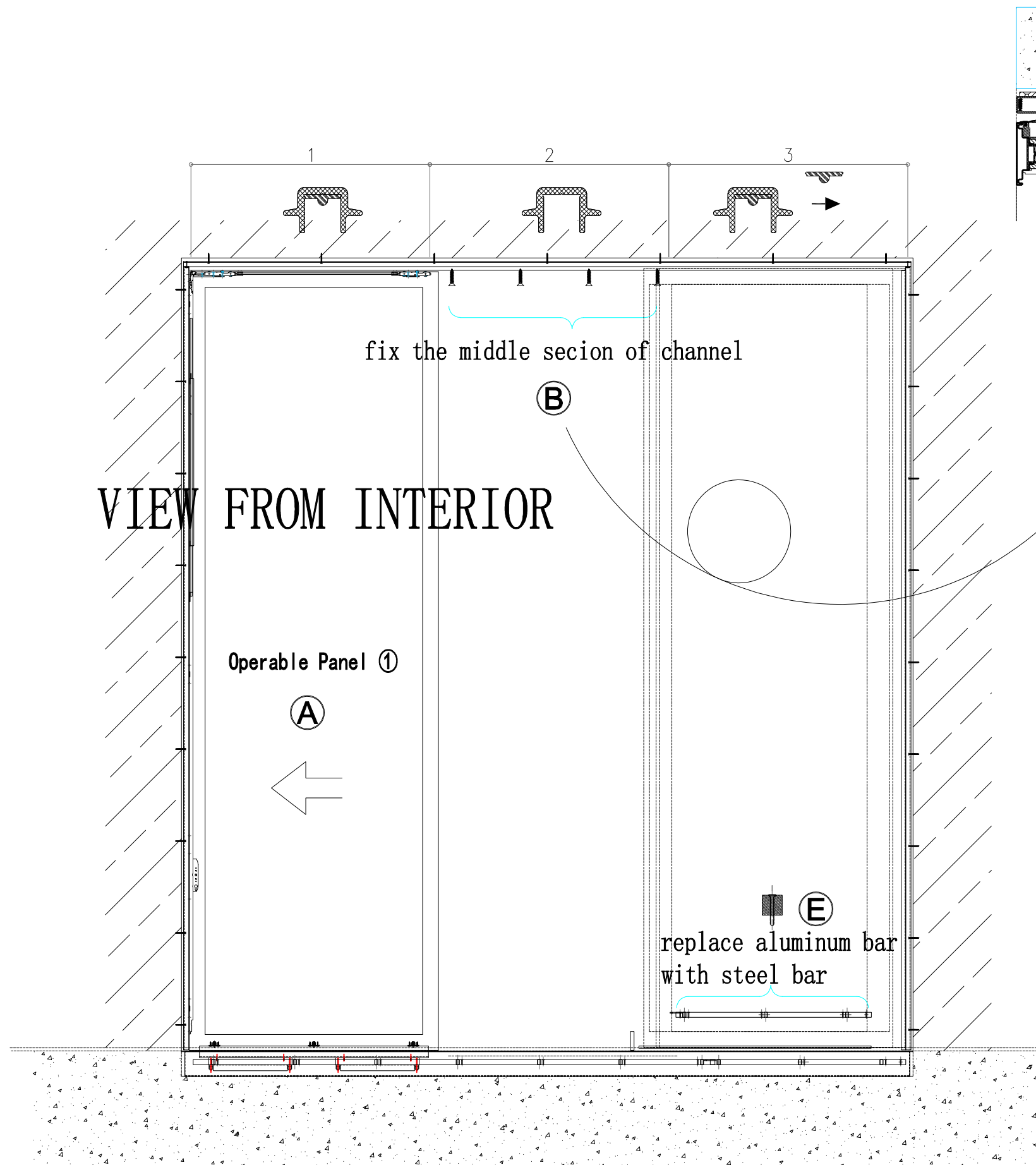


- Ⓐ move panel along with aluminum track to the left
the right $\frac{1}{3}$ section of plastic channel remains unoccupied



VII. Operable Panel ① Installation-D
(upper track fixation)

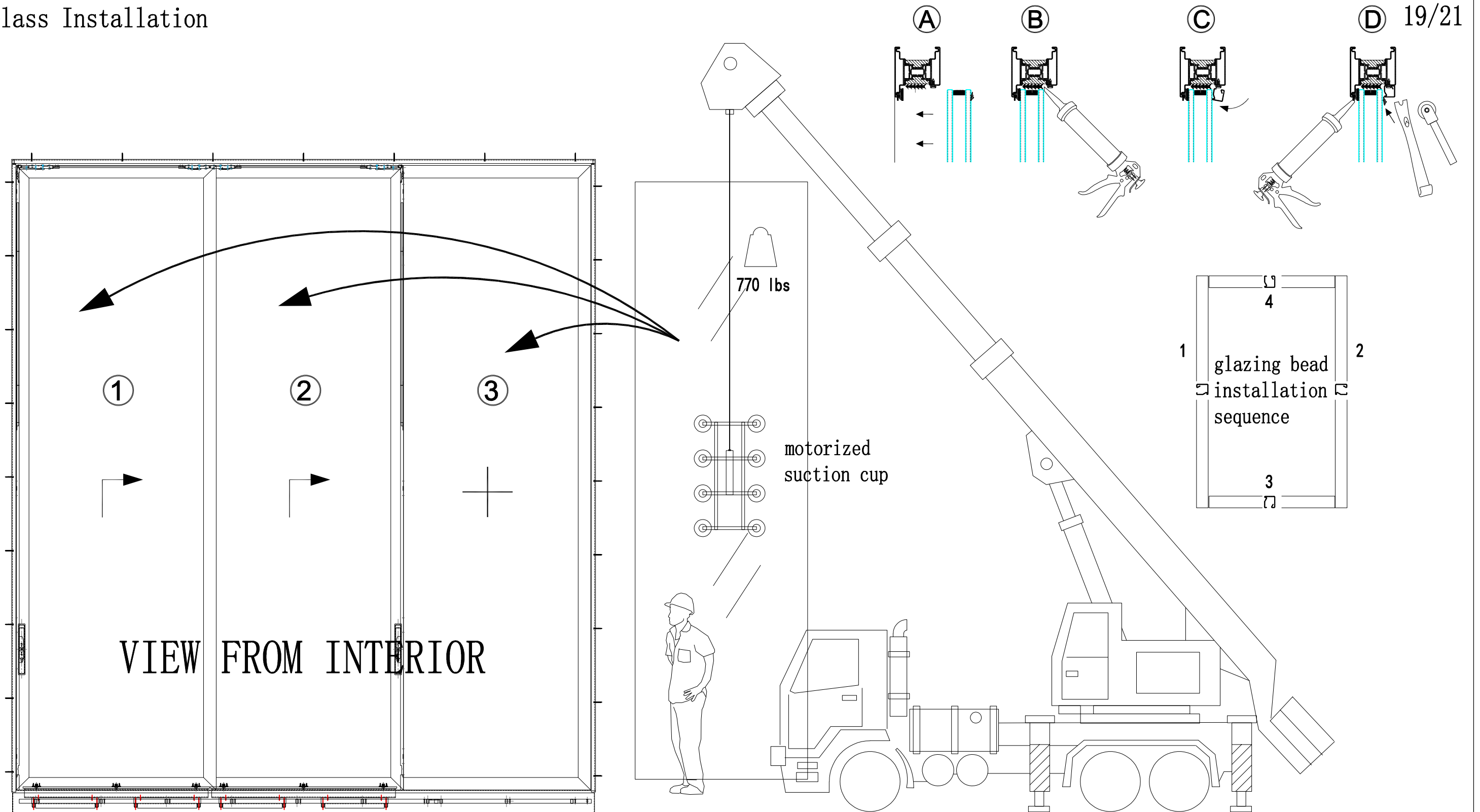
- A. Slide the door panel together with the aluminum track inside the plastic track channel to the left. Door panel stays in the middle.
- B. Secure the right $\frac{1}{3}$ section of the plastic track channel with screws using the existing screw holes.



VII. Operable Panel ① Installation-E (completion)

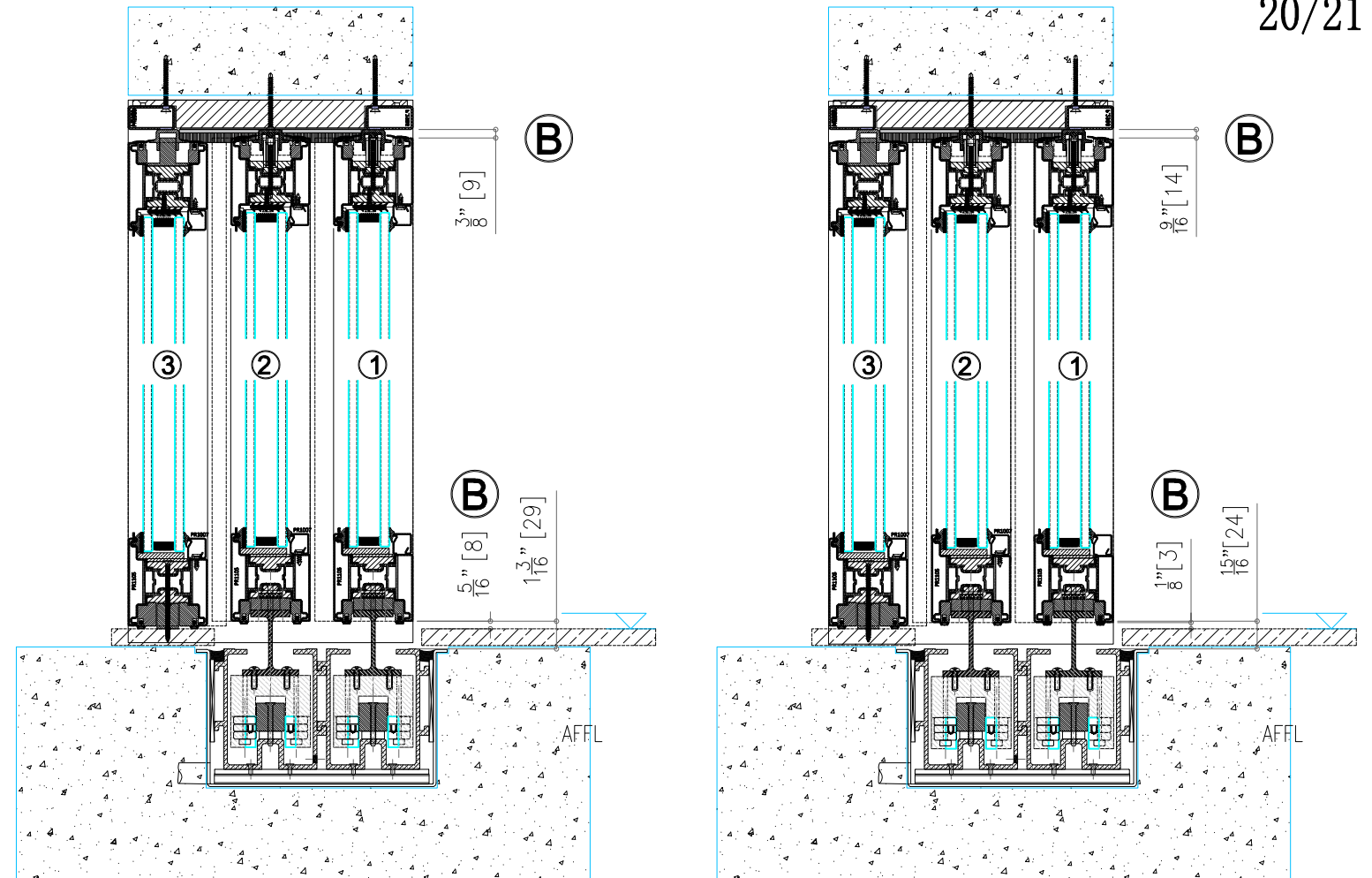
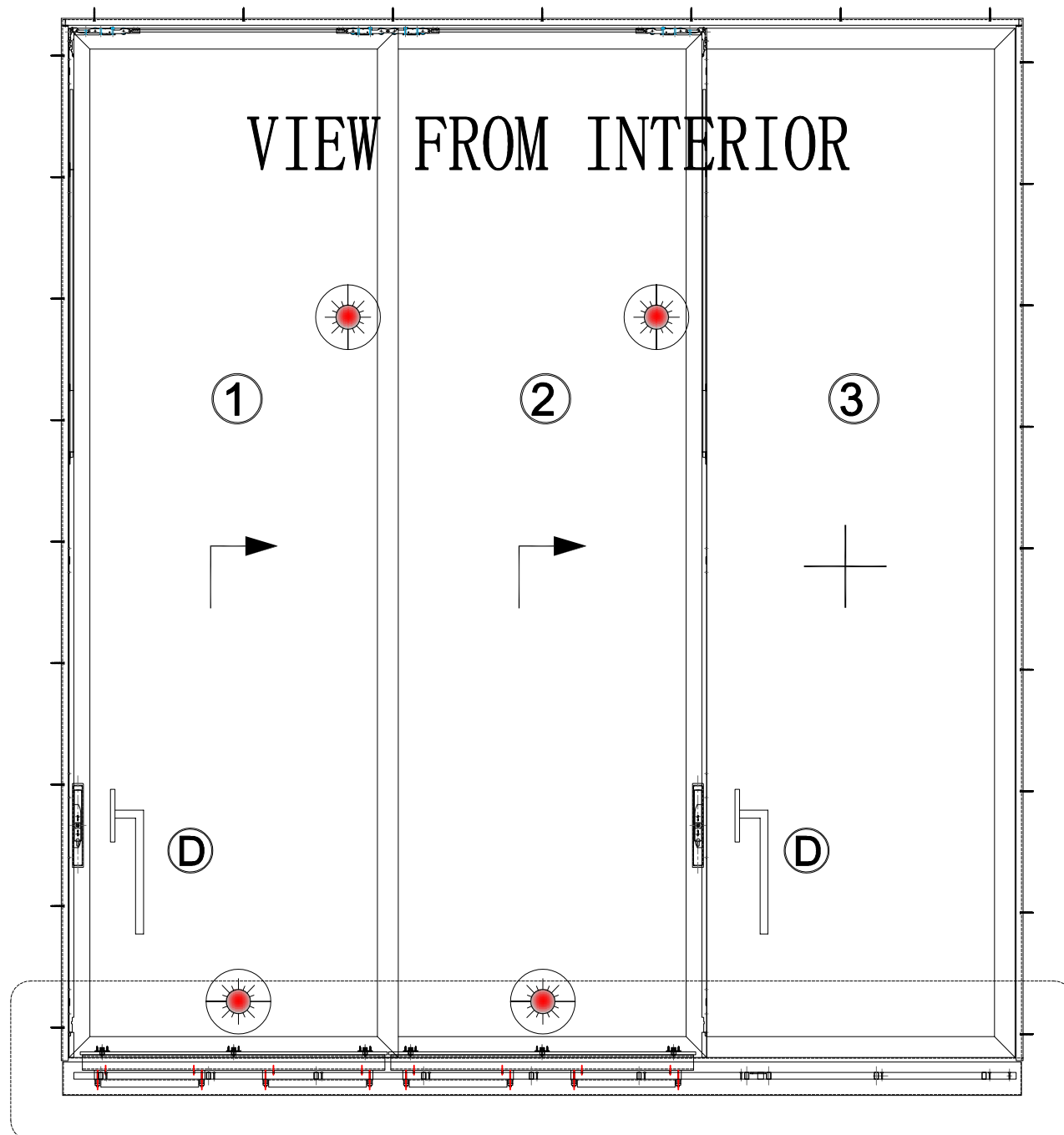
- Slide the door panel to the left. And slide the aluminum track from the middle to the right.
- Secure the middle section of the plastic track channel with screws using the existing screw holes.
- After fixing the plastic track channel, tap the remaining section of the aluminum track into the plastic track channel with a hammer.
- Check whether the rollers on the top of the door panel are perfectly aligned with the aluminum track.
- Remove the aluminum bar through the access opening on the lower track and replace it with the steel bar. [Note: The steel bar must be leveled horizontally, otherwise the door panel will slide with difficulty. Refer to detailed diagrams for adjustment methods on page 20.]

Glass Installation



VIII. Glass Installation

- Slide the glass pane horizontally into the door panel using a motorized suction cup.
- Apply glass sealant along the perimeter gap between the glass and door panel.
- Snap-fit the glazing beads onto the mounting screws of the door panel in the sequence shown in the right-hand diagram.
- Install the interior-side bead gasket using a seal insertion tool, then caulk the exterior.



IX. Bottom track adjustments

A. Partially unscrew the M5 hex head screw, but do not remove them completely.

B. Using a #12 T-handle wrench, adjust the M22 nut on the steel bar through iterative tuning until achieving:

- RAISED STATE:

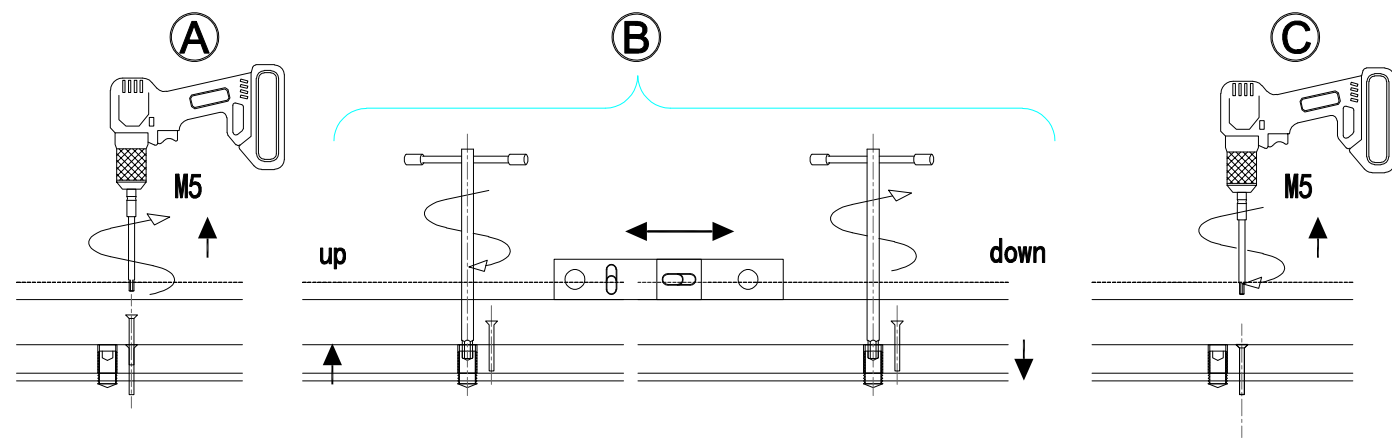
- Gap above door panel (door panel to frame): $\frac{3}{8}$ "
- Gap below door panel (door panel to finish floor): $\frac{5}{16}$ "
- Clearance from track surface: $1\frac{3}{16}$ "

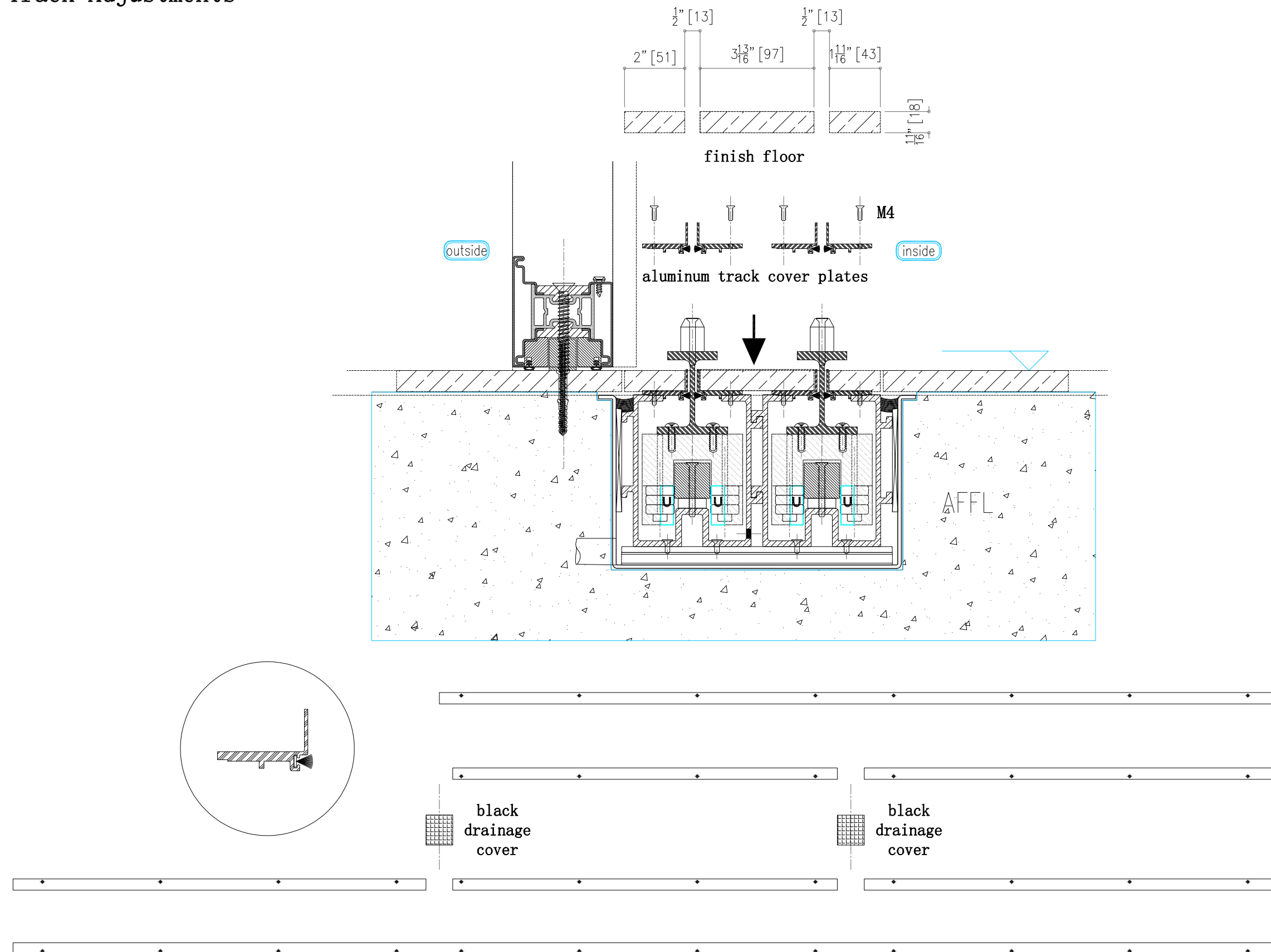
- DROPPED STATE:

- Gap above door panel (door panel to frame): $\frac{9}{16}$ "
- Gap below door panel (door panel to finish floor): $\frac{1}{8}$ "
- Clearance from track surface: $\frac{15}{16}$ "

C. Tighten the M5 screw after completing adjustments.

D. Install the handle.





- X. Secure the aluminum track cover plates to the bottom track using M4 screws, then install the finished flooring between the tracks. The flooring must be removable to facilitate future maintenance.