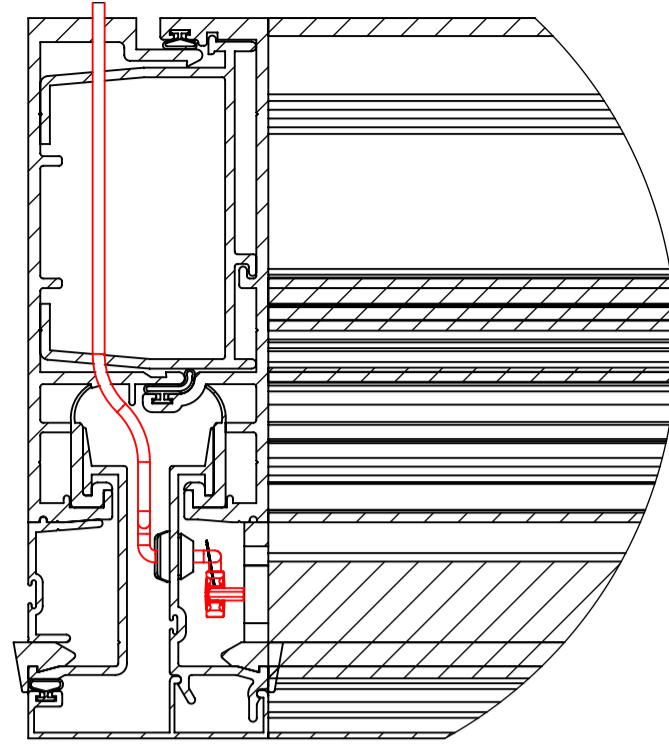
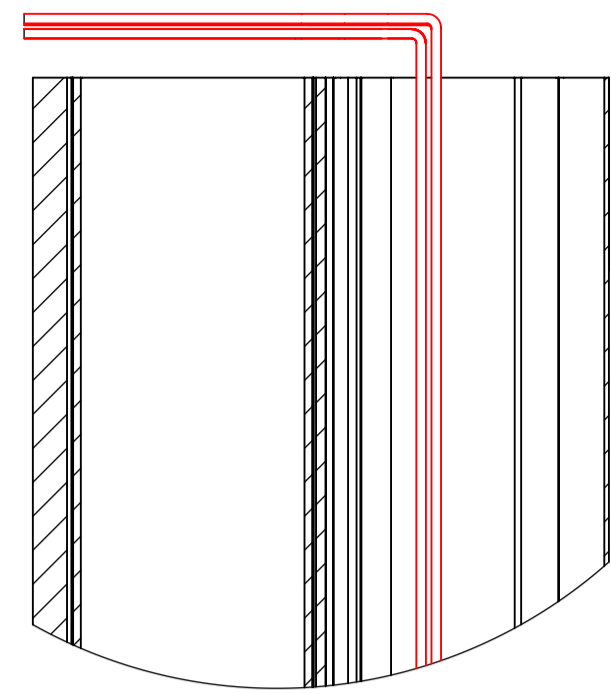


SECTION X-X

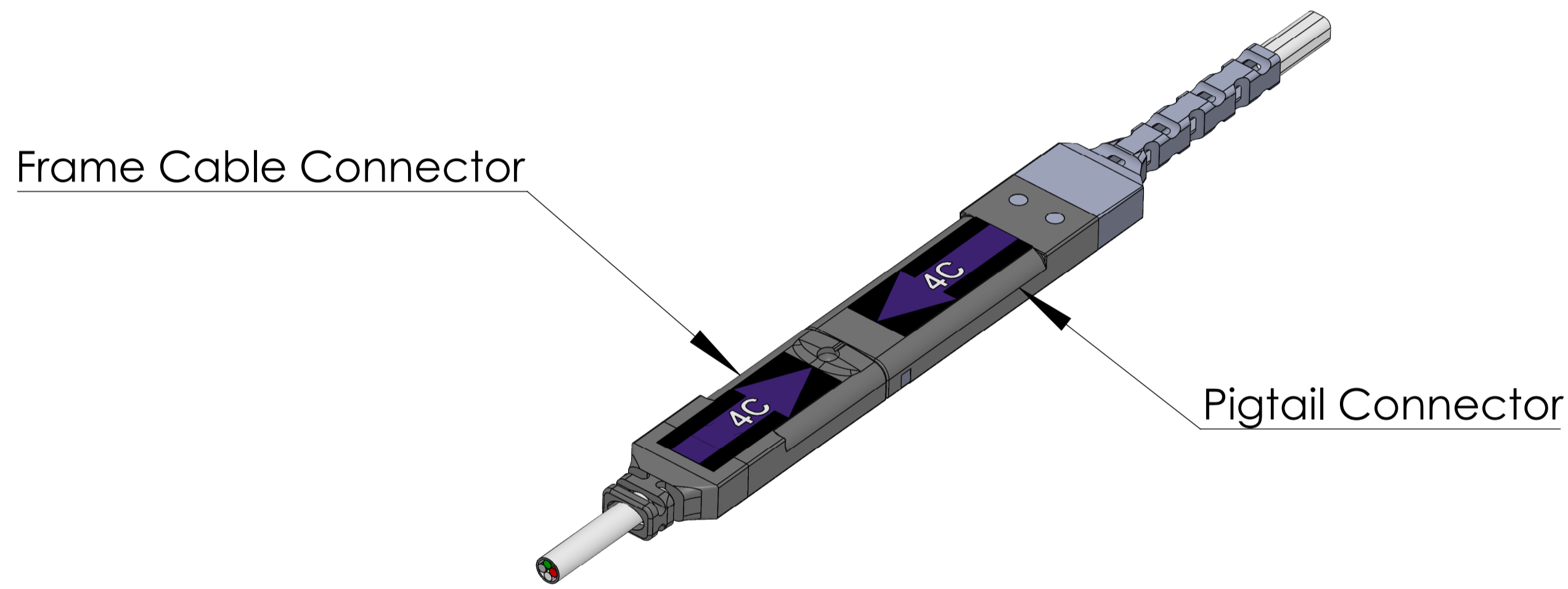


DETAIL B
SCALE 1 : 2



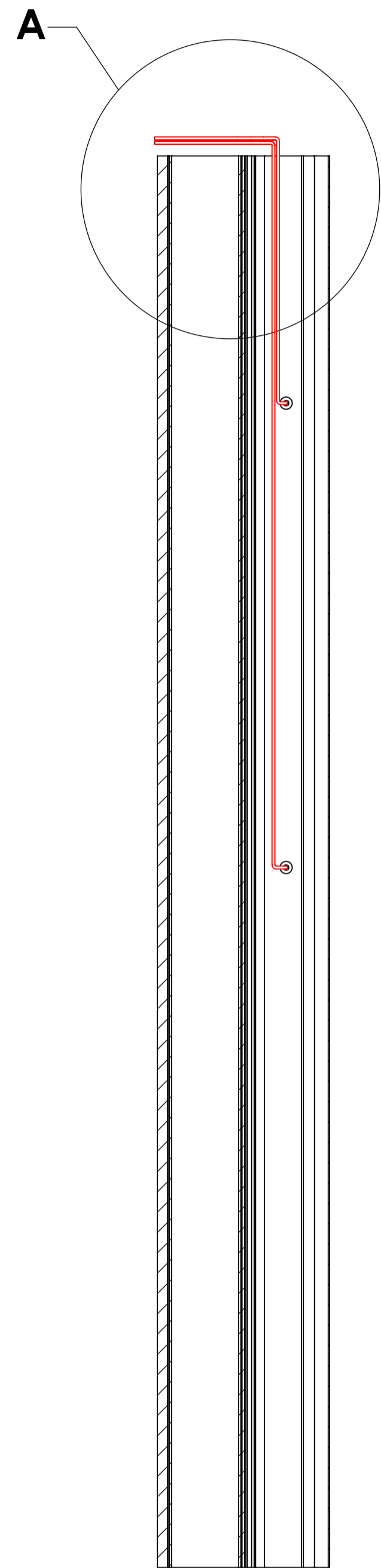
DETAIL A
SCALE 2 : 5

CONNECTOR ASSEMBLY

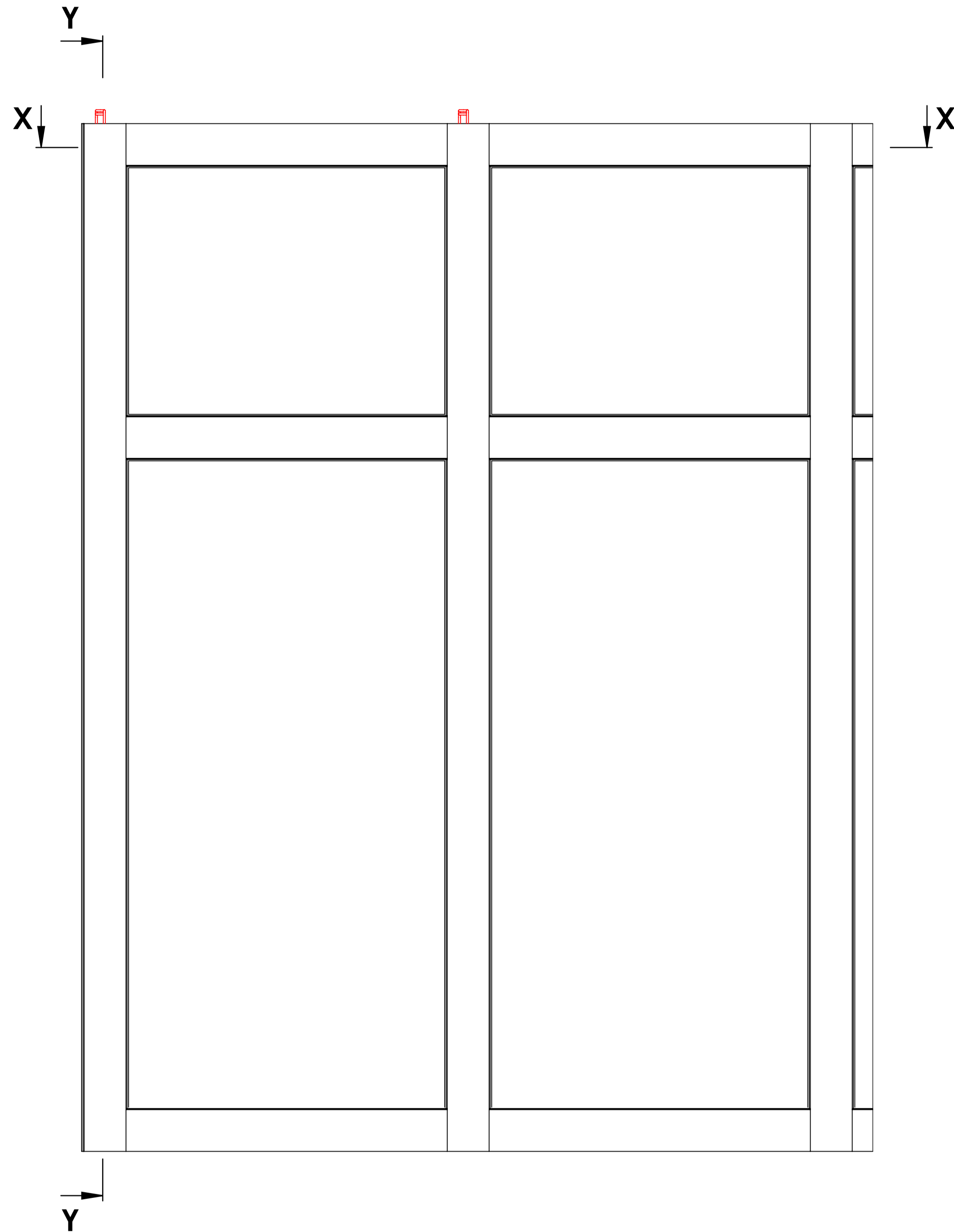


Frame Cable Connector

Pigtail Connector

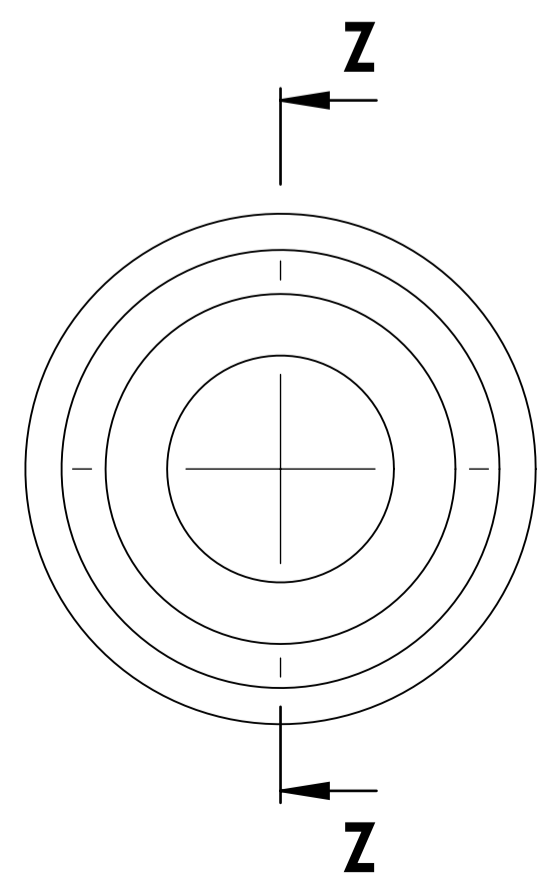
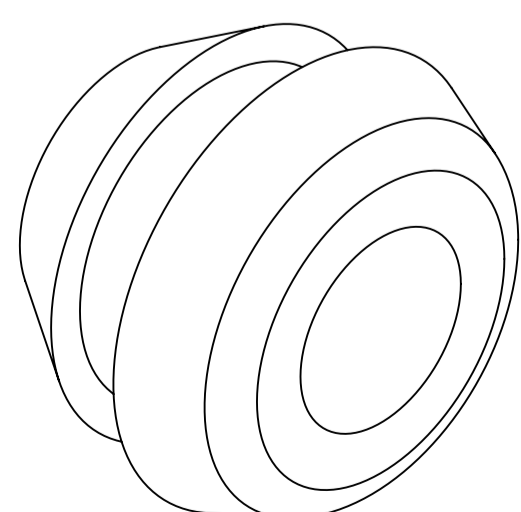


SECTION Y-Y

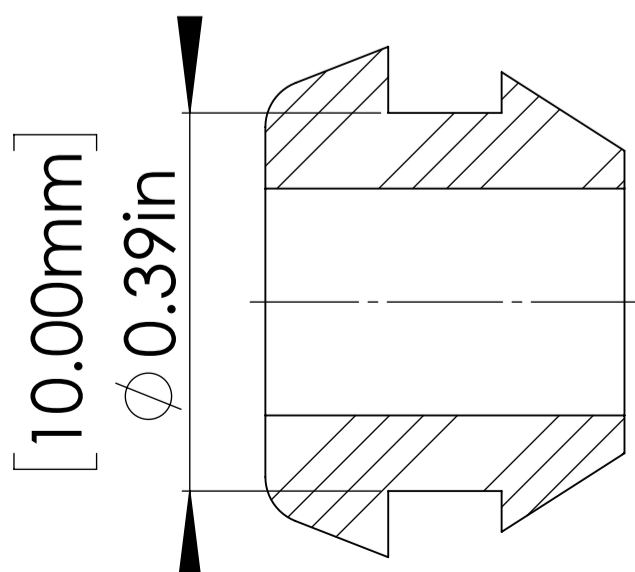


Recommended Steps for Installation:

1. Drill 10 mm hole for frame cable grommet.
2. De-bur hole using hand held file.
3. Utilize silicone Dow 795 or similar adhesive to secure grommet in hole.
4. Feed frame cable through the grommeted hole with the connection point remaining in the glazing pocket. (SSG applications may require a cutout slot allowing the connection of the pigtail and frame cable to sit flush and not disrupt the smooth finish of the SSG).
5. If factory glazed, pigtail and frame cable are to be assembled inside the glazing pocket during the factory assembly of IGU and frame cable to be protected during transport and installation at site. Protect pigtail and frame cable at all times.
6. Glazier must label frame cable to match corresponding IGU per wiring daigram. If not enough room inside glazing pocket, bring the pigtail to frame cable connection out to a suitable location.
7. While installing glass, connect the pigtail to the frame cable and create a service loop in the glazing pocket.
8. Finish glazing ensuring none of the wires are pinched or damaged.
9. Cable bundled at the mullion exit to be protected.
10. Use the provided Field Wiring Tester after each frame cable is routed through the frame.
11. This drawing shows frame cable routing options, but other options may work as well or better. Service loop, protecting, testing, and labelling the frame cable is required.

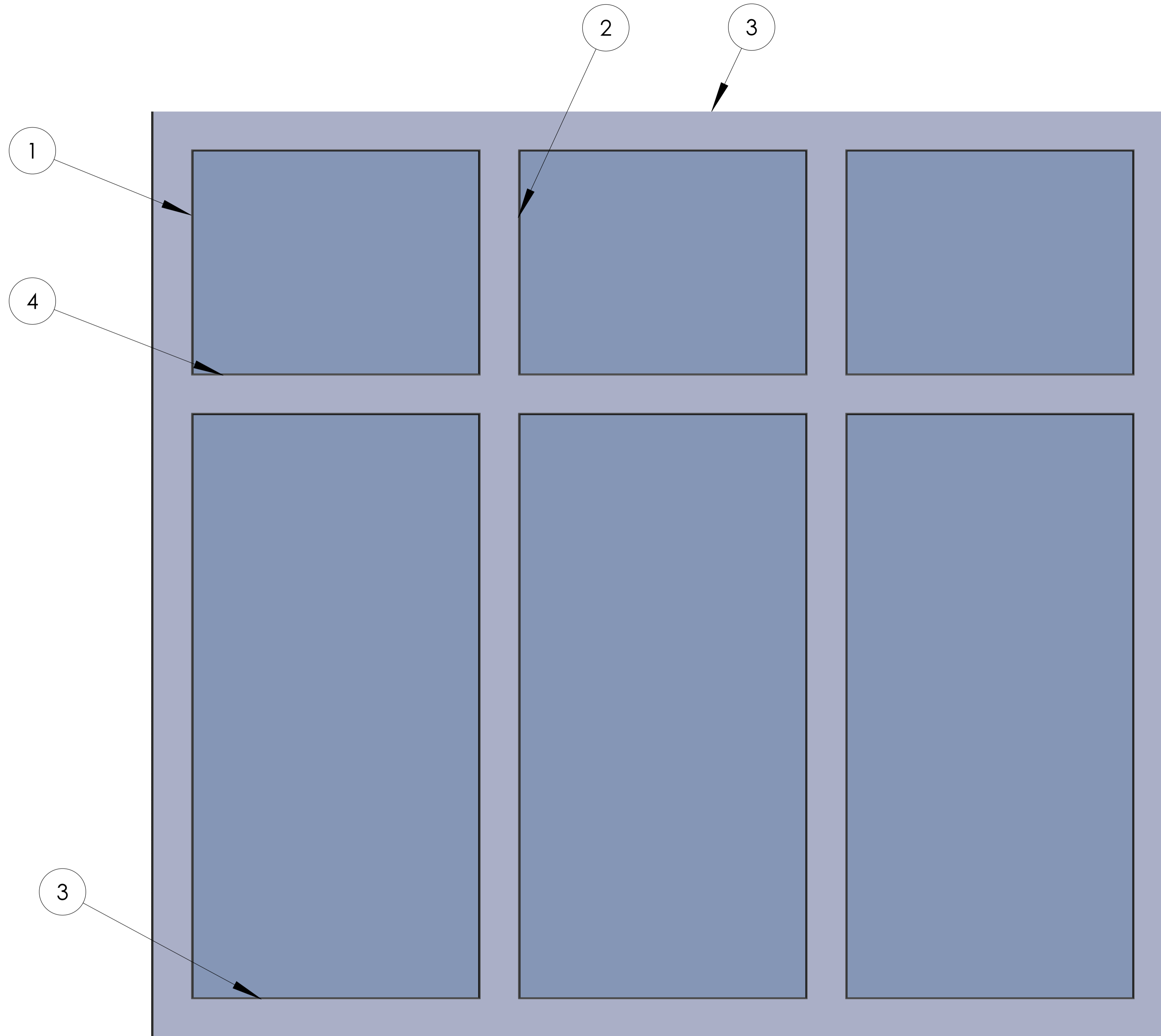


SECTION Z-Z
SCALE 5 : 1



SAGE Electrochromics Inc.		DRAWING SHEET	A1
ALL DIMENSIONS ARE IN "inches"		REVISION	APPROVED BY DATE
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DESCRIPTION :			
Kawneer 2500 PG			
SCALE: 1:5	DATE: 07-10-2022	SHEET NO	1 OF 6

ASSEMBLED FRAME

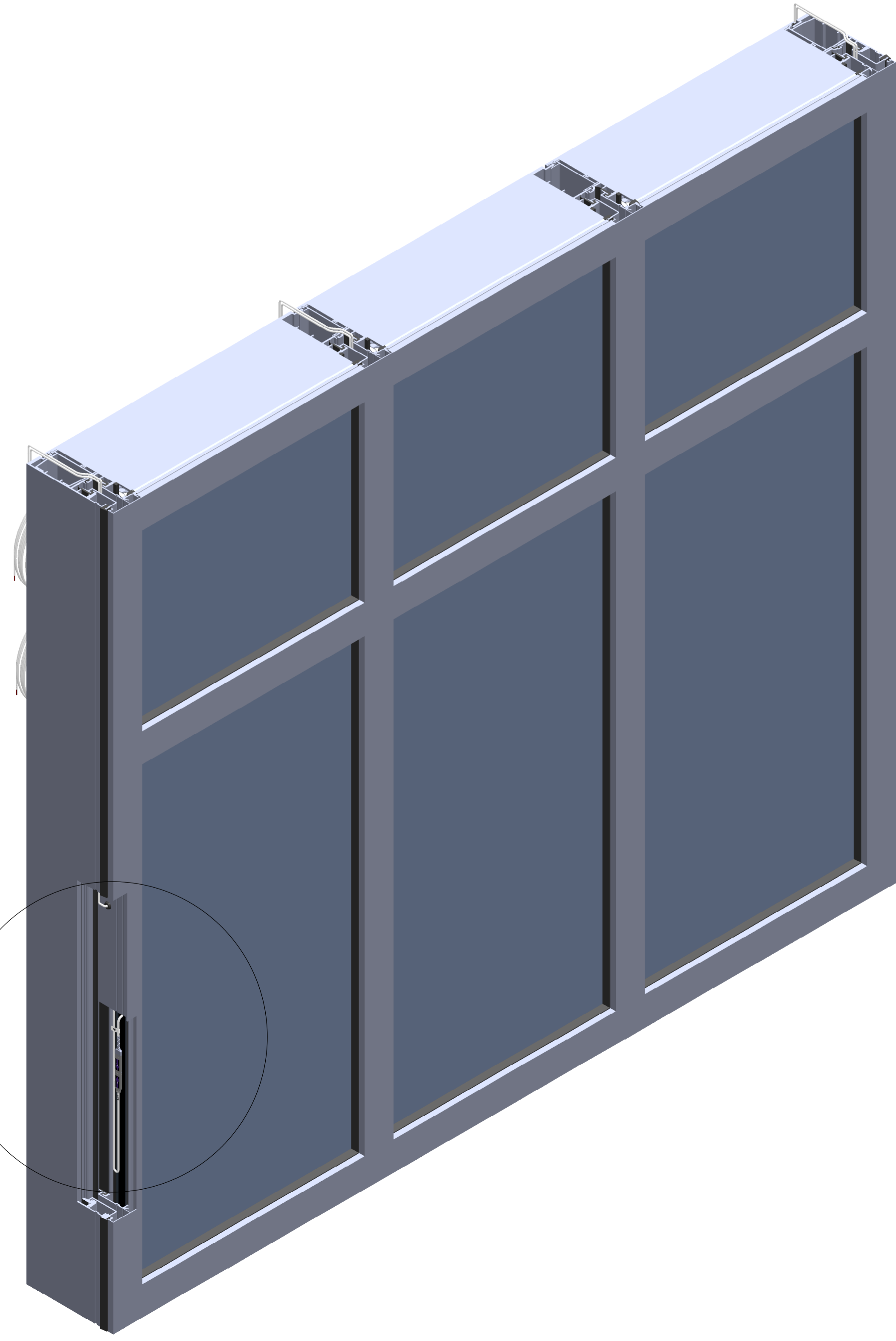


- ① - JAMB VERTICAL MULLION
- ② - STANDARD VERTICAL MULLION
- ③ - SILL 1in INFILL
- ④ - HORIZONTAL 1in INFILL
- ⑤ - HEAD 0.25 in INFILL
- ⑥ - SAGEGLASS

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Kawneer 2500 PG			
SCALE: 1:4	DATE : 07-10-2022	SHEET NO	2 OF 6

CONNECTOR ASSEMBLY - VERTICAL MULLION



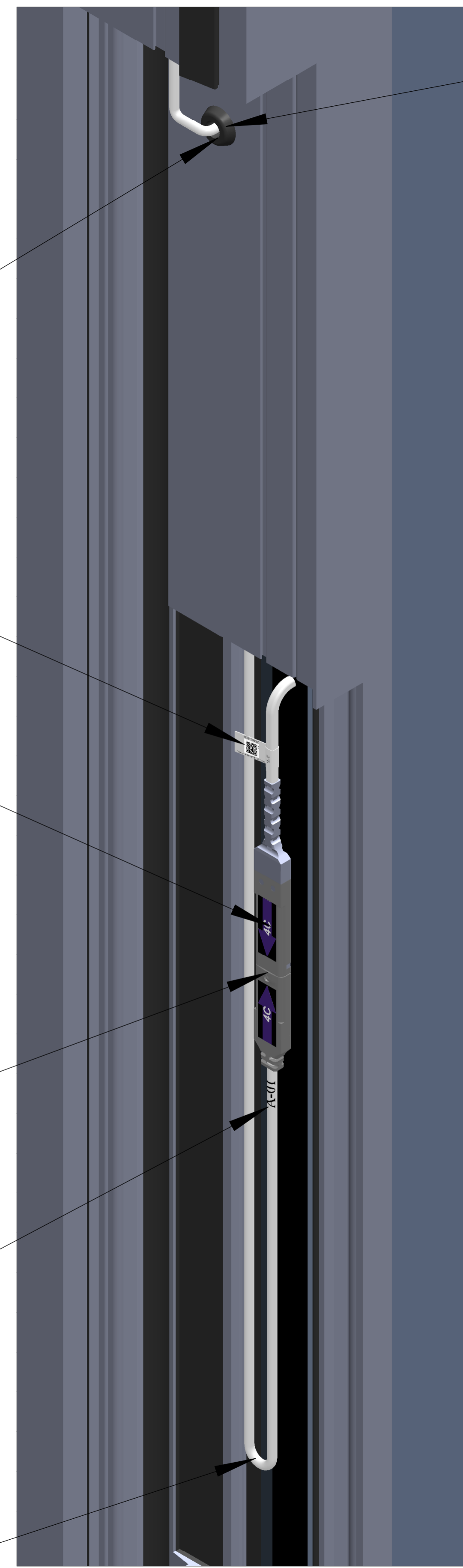
FRAME CABLE EXITING THE GLAZING POCKET OF THE MULLION

PIGTAIL LABEL

CONNECTOR ASSEMBLY INSIDE GLAZING POCKET OF VERTICAL MULLION

REFERENCE TAG

SERVICE LOOP

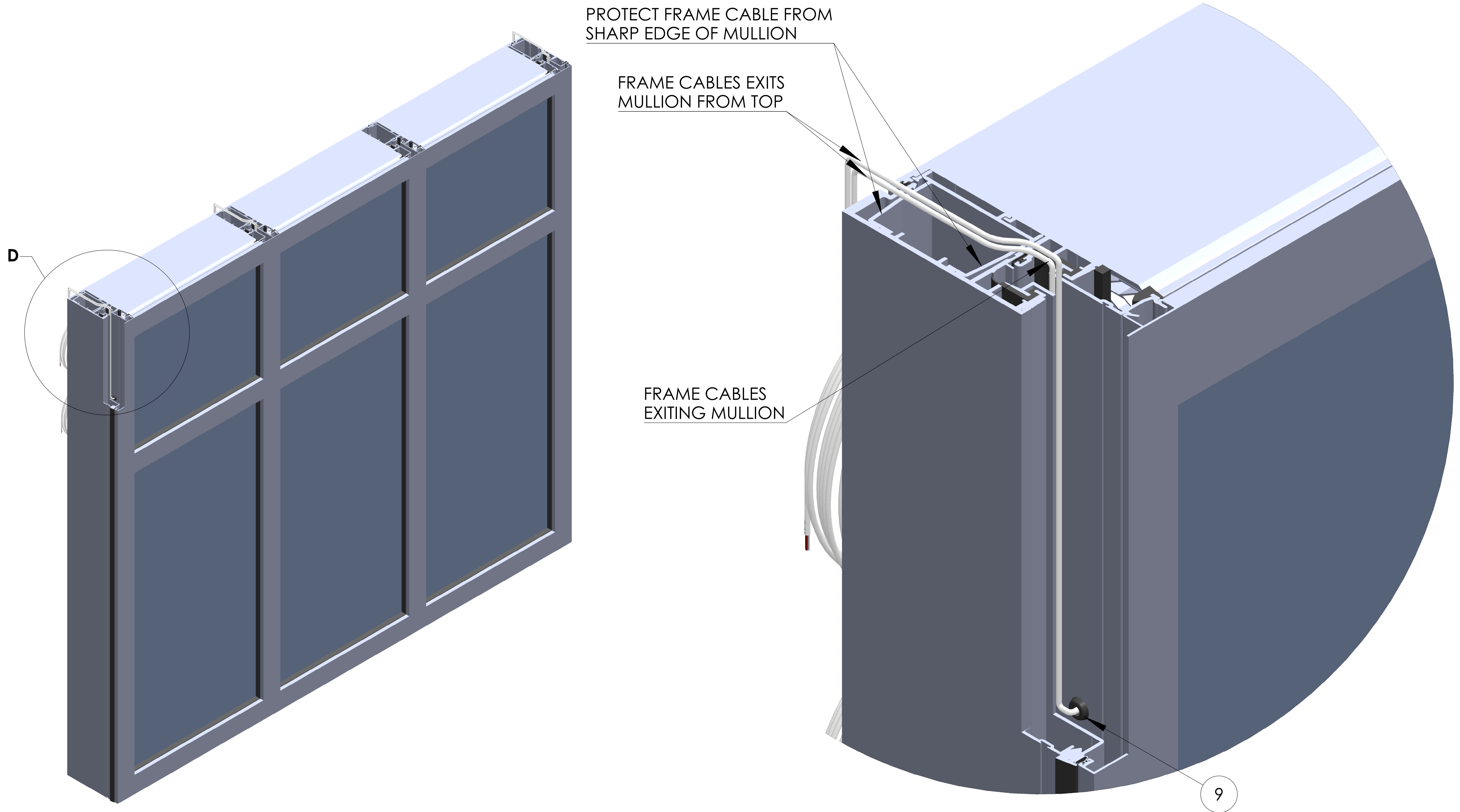


**DETAIL C
SCALE 1 : 1**

- ⑧ - CABLE ASSEMBLY
- ⑨ - GROMMET

		SAGE Electrochromics Inc.	
<small>ALL DIMENSIONS ARE IN "inches"</small>		DRAWING SHEET	A1
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Kawneer 2500 PG			
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FRAME CABLE ROUTING



⑨ - GROMMET

DETAIL D
SCALE 1 : 1

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DESCRIPTION :			
Kawneer 2500 PG			
SCALE: 1:5	DATE : 07-10-2022	SHEET NO	4 OF 6

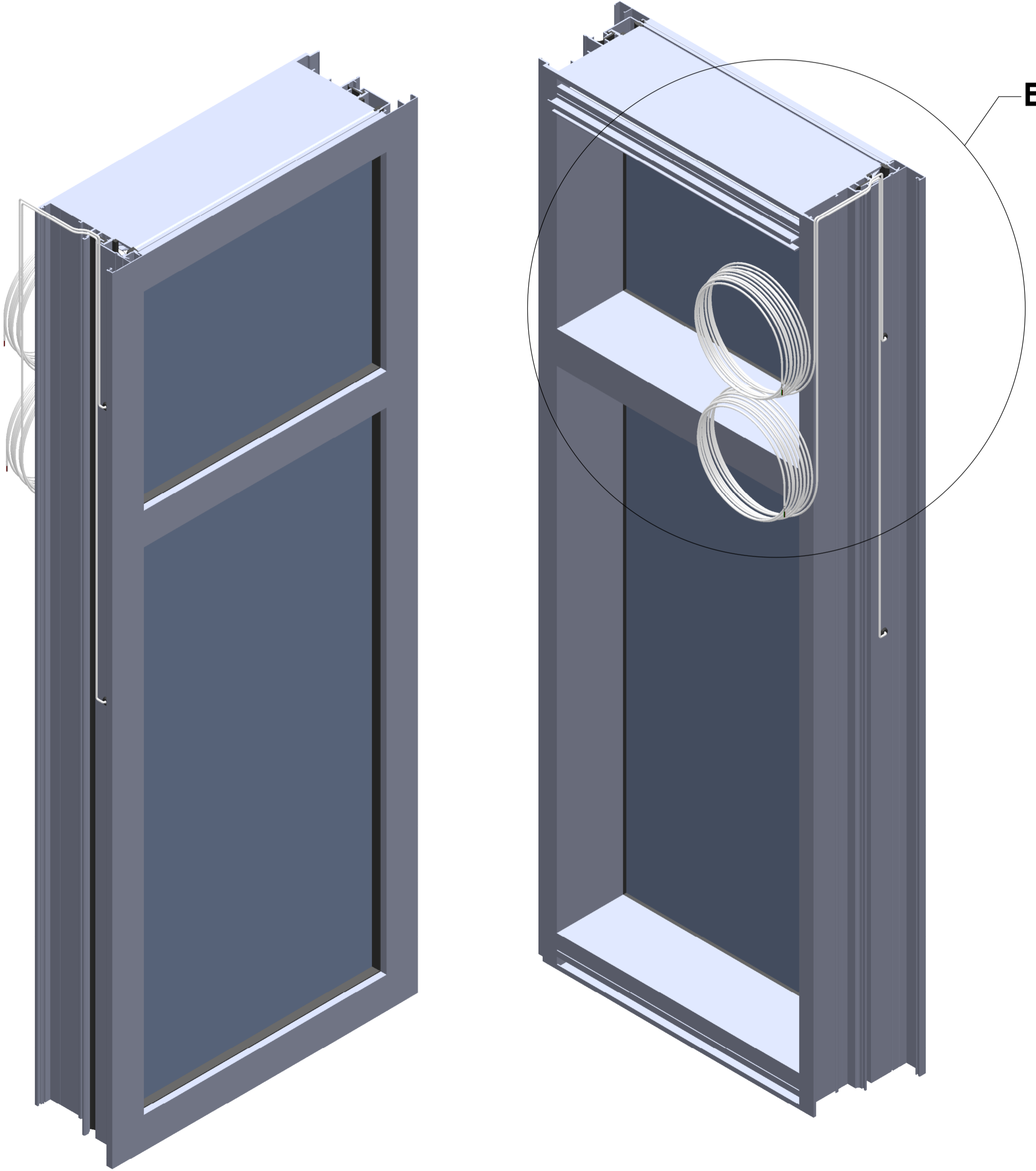
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FACTORY GLAZED FRAME and REF TAGS

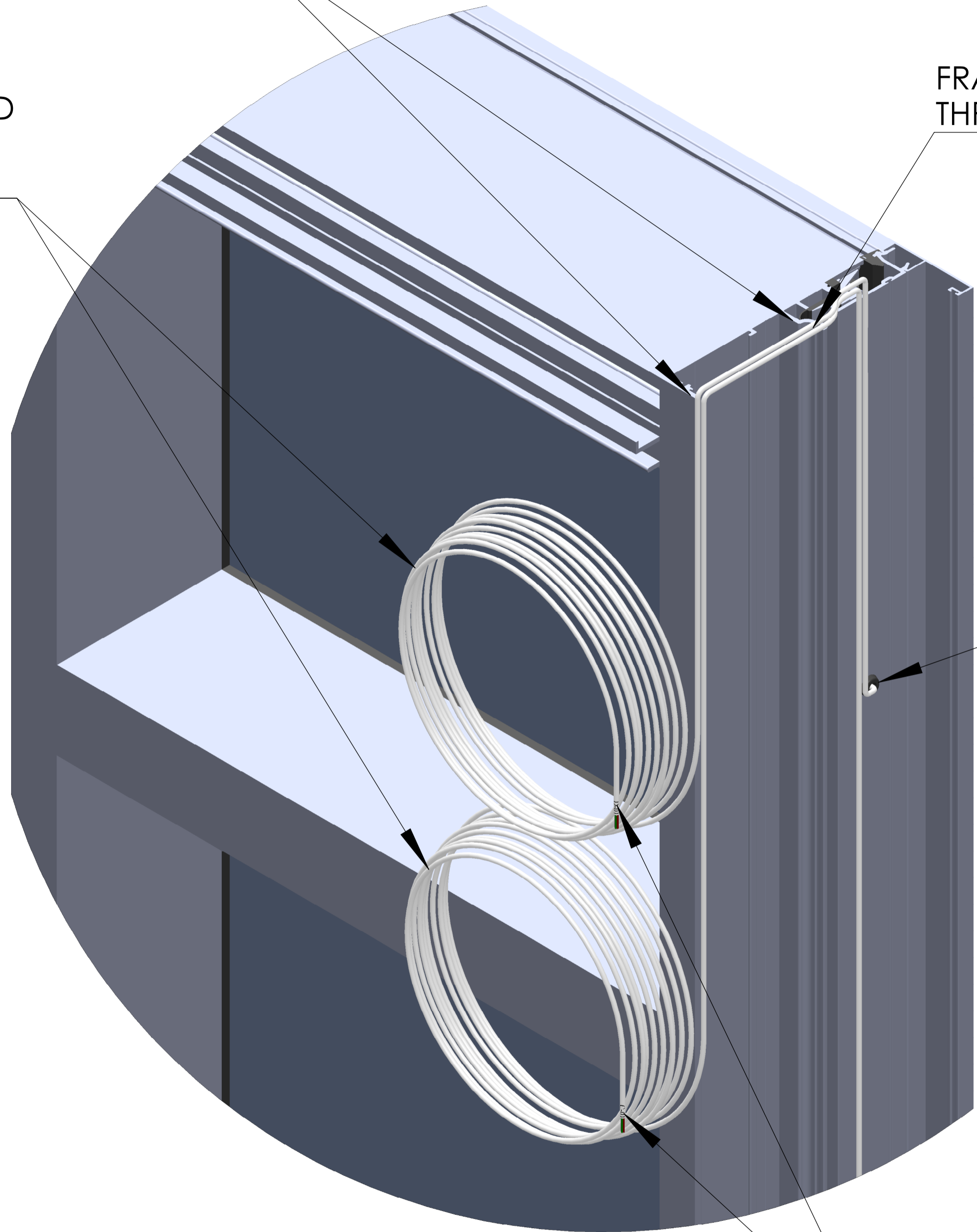
PROTECT FRAME CABLE FROM SHARP EDGE OF MULLION

FRAME CABLES COILED, SECURED AND PROTECTED BEFORE AND DURING TRANSPORTATION TO SITE

FRAME CABLE EXITS MULLION THROUGH TOP



FACTORY ASSEMBLED VIEW BEFORE INSTALLATION



DETAIL E
SCALE 1 : 2

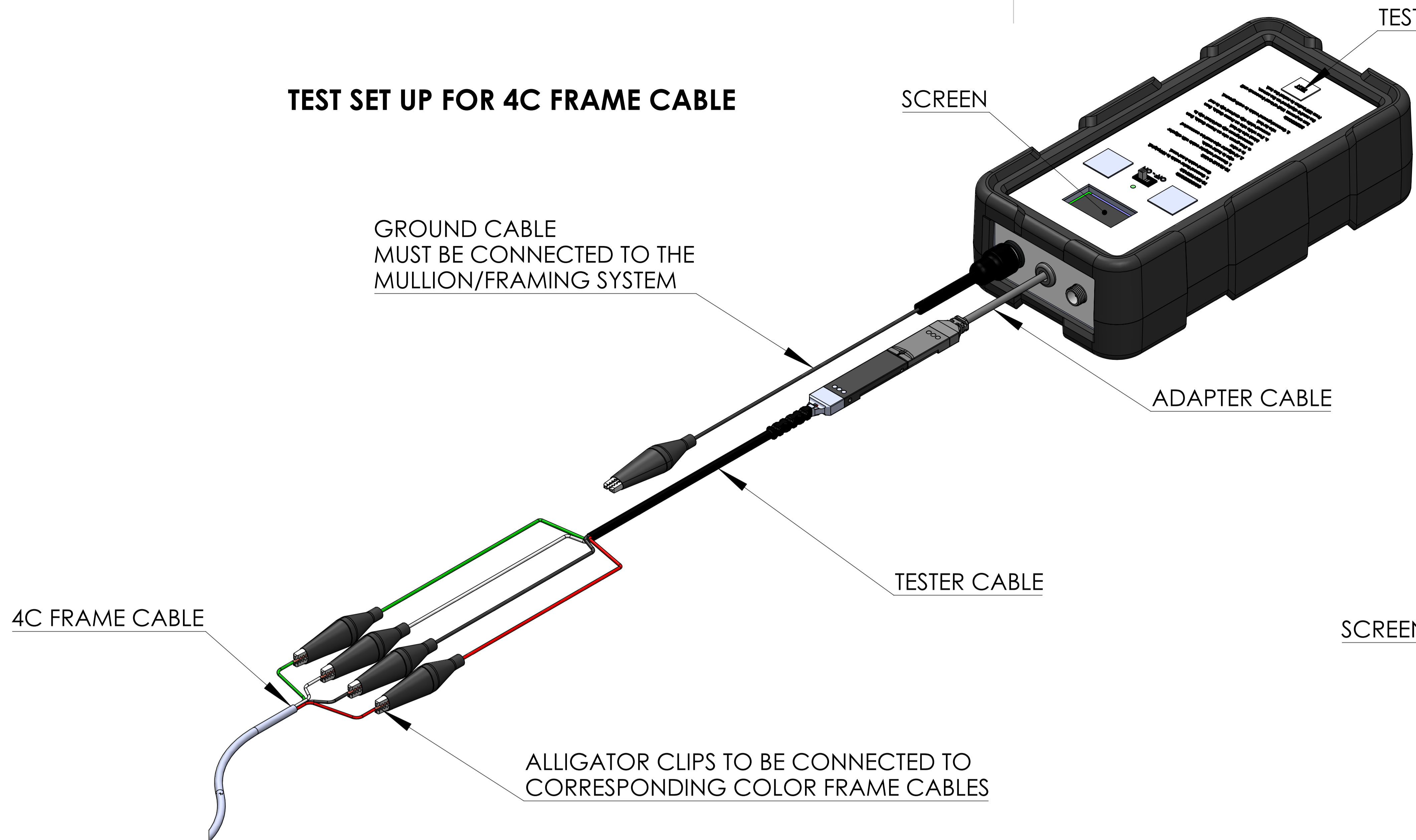
REFERENCE TAGS

9 - GROMMET

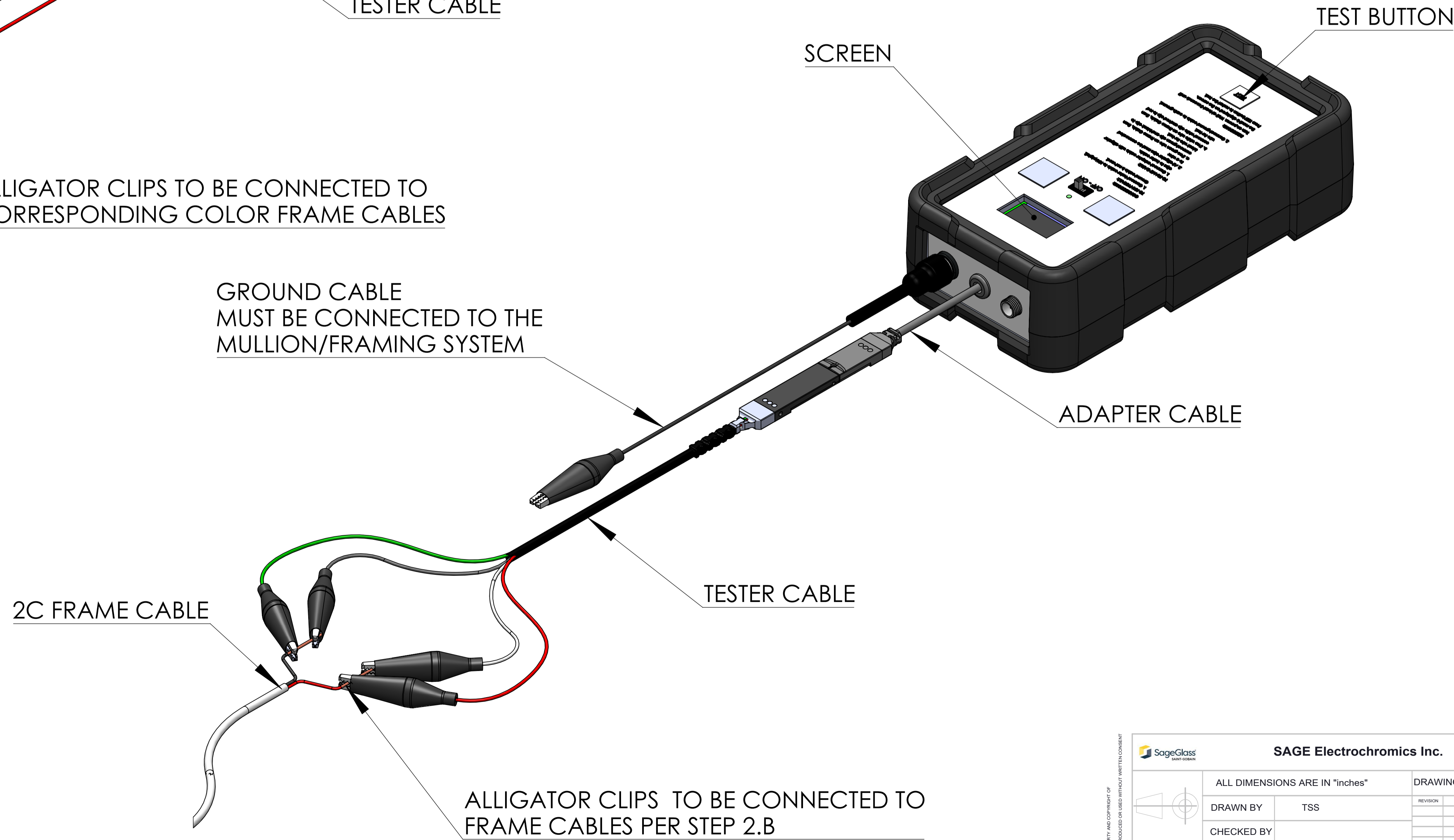
		SAGE Electrochromics Inc.	
<small>ALL DIMENSIONS ARE IN "inches"</small>		DRAWING SHEET	A1
DRAWN BY	TSS	REVISION	APPROVED BY DATE
CHECKED BY	[]	[]	[]
DESCRIPTION :			
Kawneer 2500 PG			
SCALE: 1:5	DATE : 07-10-2022	SHEET NO	5 OF 6

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TEST SET UP FOR 4C FRAME CABLE



TEST SET UP FOR 2C FRAME CABLE



CONNECTIONS:

TO FRAME CABLE:

1. Connect adapter cable with alligator clips to tester cable.
2. All alligator clips must be connected to a wire:
 - a. If 4-Conductor frame cable, connect each alligator clip to the corresponding frame cable wire.
 - b. If 2-Conductor frame cable, connect red and white alligator clips to red frame cable wire and black and green alligator clips to black frame cable wire.
3. Connect ground cable to earth ground. (mullion / framing system)

TO IGU PIGTAILS:

1. Connect tester cable to IGU pigtail. Ground cable is not used.

DIRECTIONS:

Turn on power. Wait at least 5 seconds until the result is displayed on the screen. Press TEST button to restart the test.

		SAGE Electrochromics Inc.	
ALL DIMENSIONS ARE IN "inches"		DRAWING SHEET	A1
DRAWN BY	TSS	REVISION	APPROVED BY DATE
CHECKED BY			
DESCRIPTION : Kawneer 2500 PG			
SCALE: 1:1	DATE : 07-10-2022	SHEET NO	6 OF 6