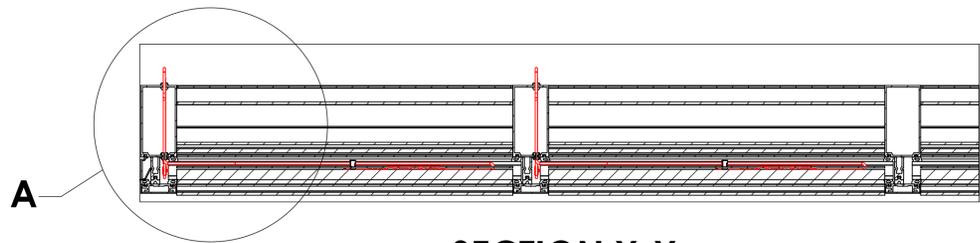
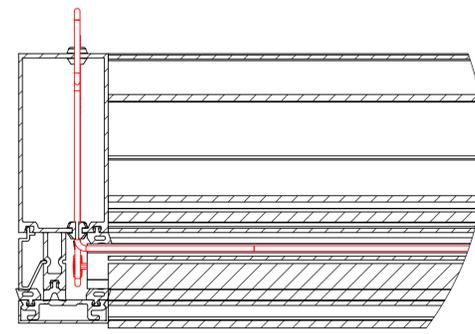


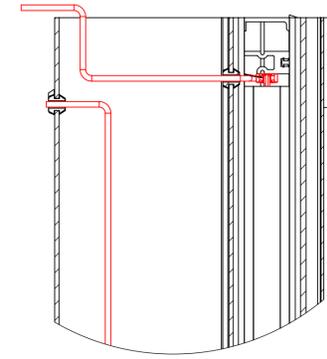
OVERVIEW



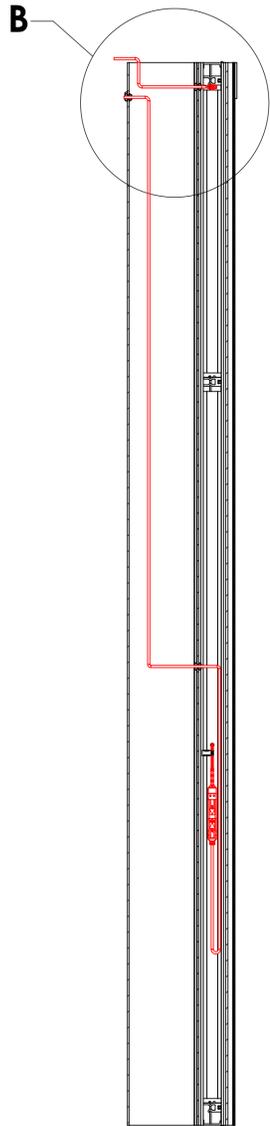
**SECTION Y-Y
SCALE 1 : 5**



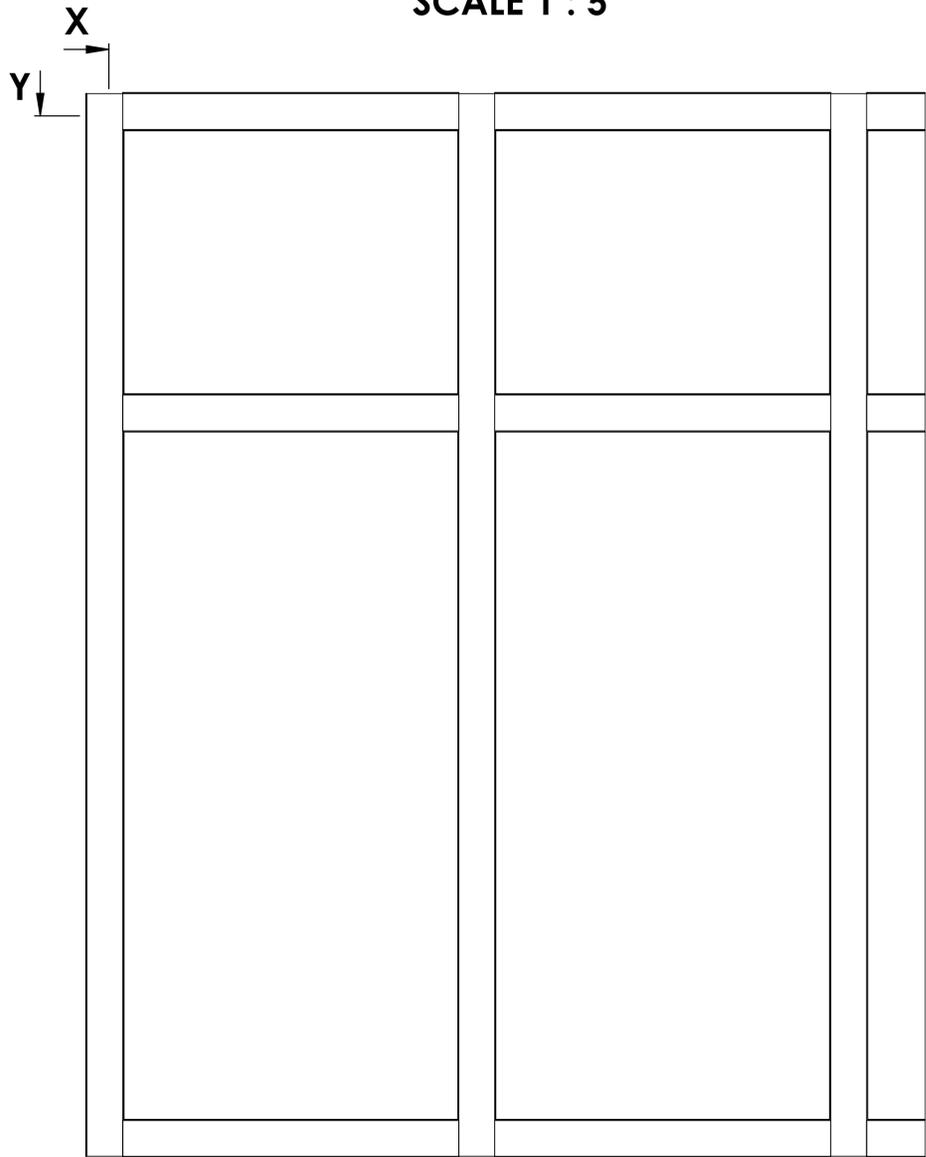
**DETAIL A
SCALE 1 : 2**



**DETAIL B
SCALE 1 : 2**



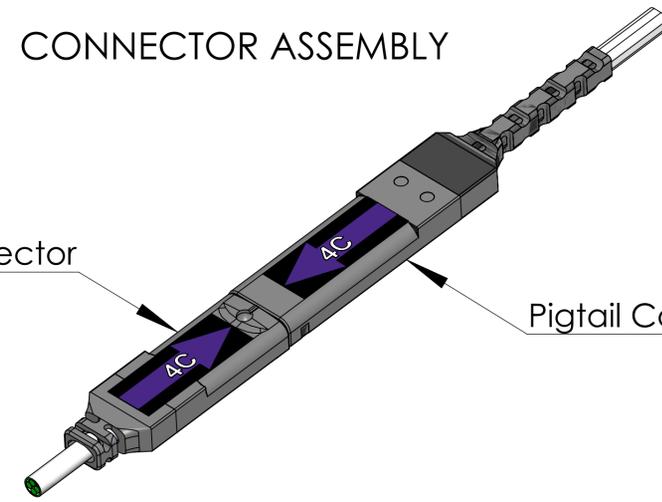
**SECTION X-X
SCALE 1 : 5**



CONNECTOR ASSEMBLY

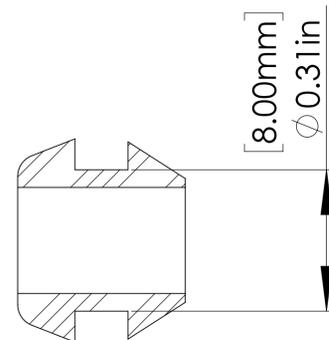
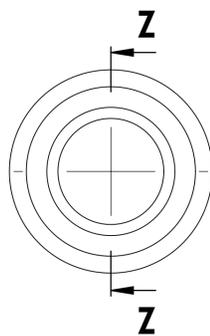
Frame Cable Connector

Pigtail Connector



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.

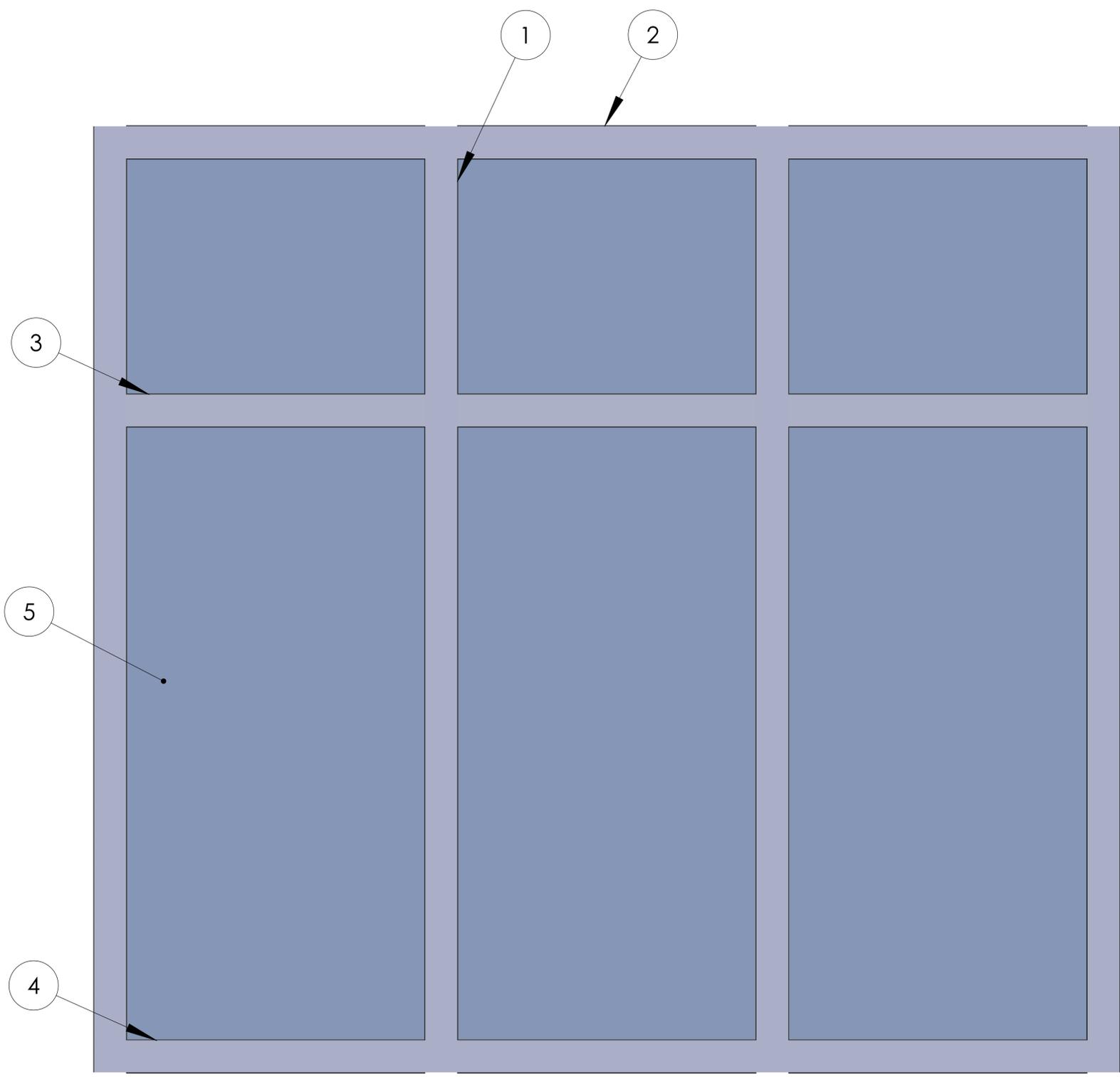


**SECTION Z-Z
SCALE 5 : 1**



		SAGE Electrochromics Inc.	
<small>ALL DIMENSIONS ARE IN "inches"</small>		DRAWING SHEET	A1
DRAWN BY	TSS	REVISION	APPROVED BY DATE
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ASSEMBLED FRAME

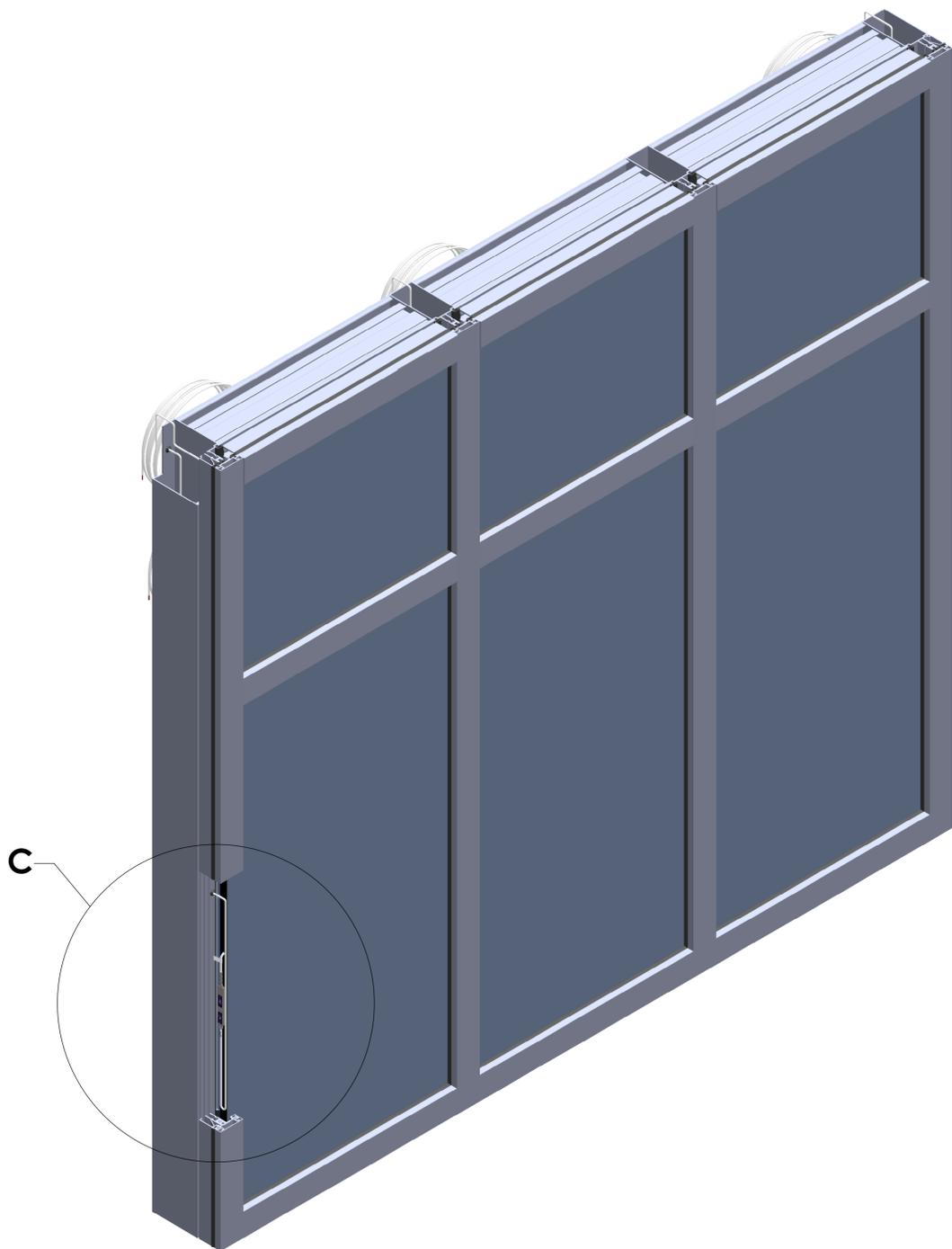


- ① - VERTICAL MULLION
- ② - HEAD AT VISION
- ③ - HORIZ AT VISION
- ④ - SILL AT VISION
- ⑤ - SAGEGLASS

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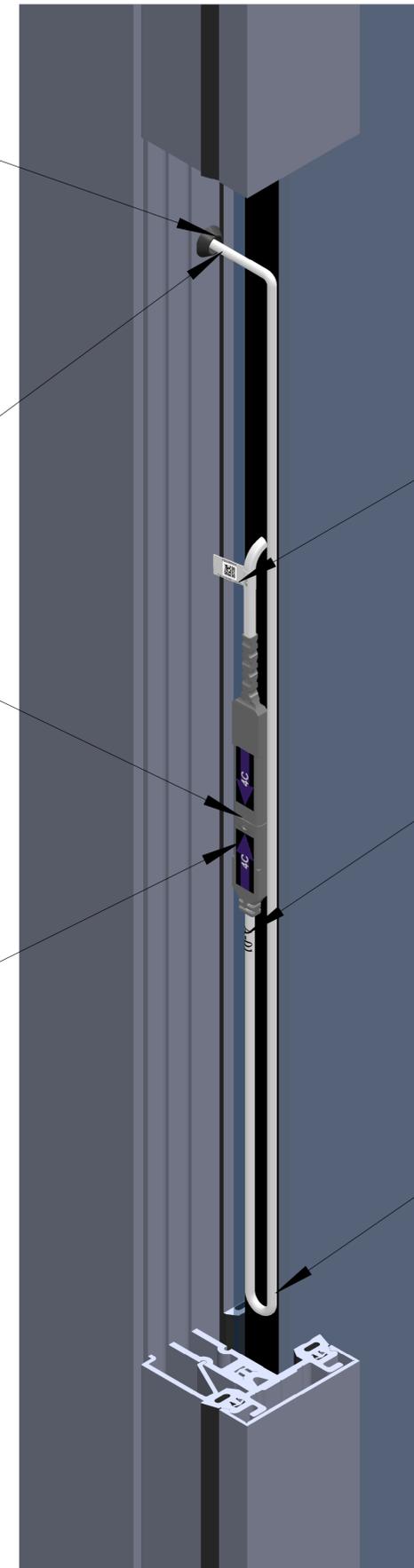
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ALL DIMENSIONS ARE IN "inches"		DRAWING SHEET	A1
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CONNECTOR ASSEMBLY - VERTICAL MULLION



FRAME CABLE EXITING THE GLAZING POCKET OF THE MULLION

CONNECTOR ASSEMBLY INSIDE GLAZING POCKET OF VERTICAL MULLION



PIGTAIL LABEL

REFERENCE TAG

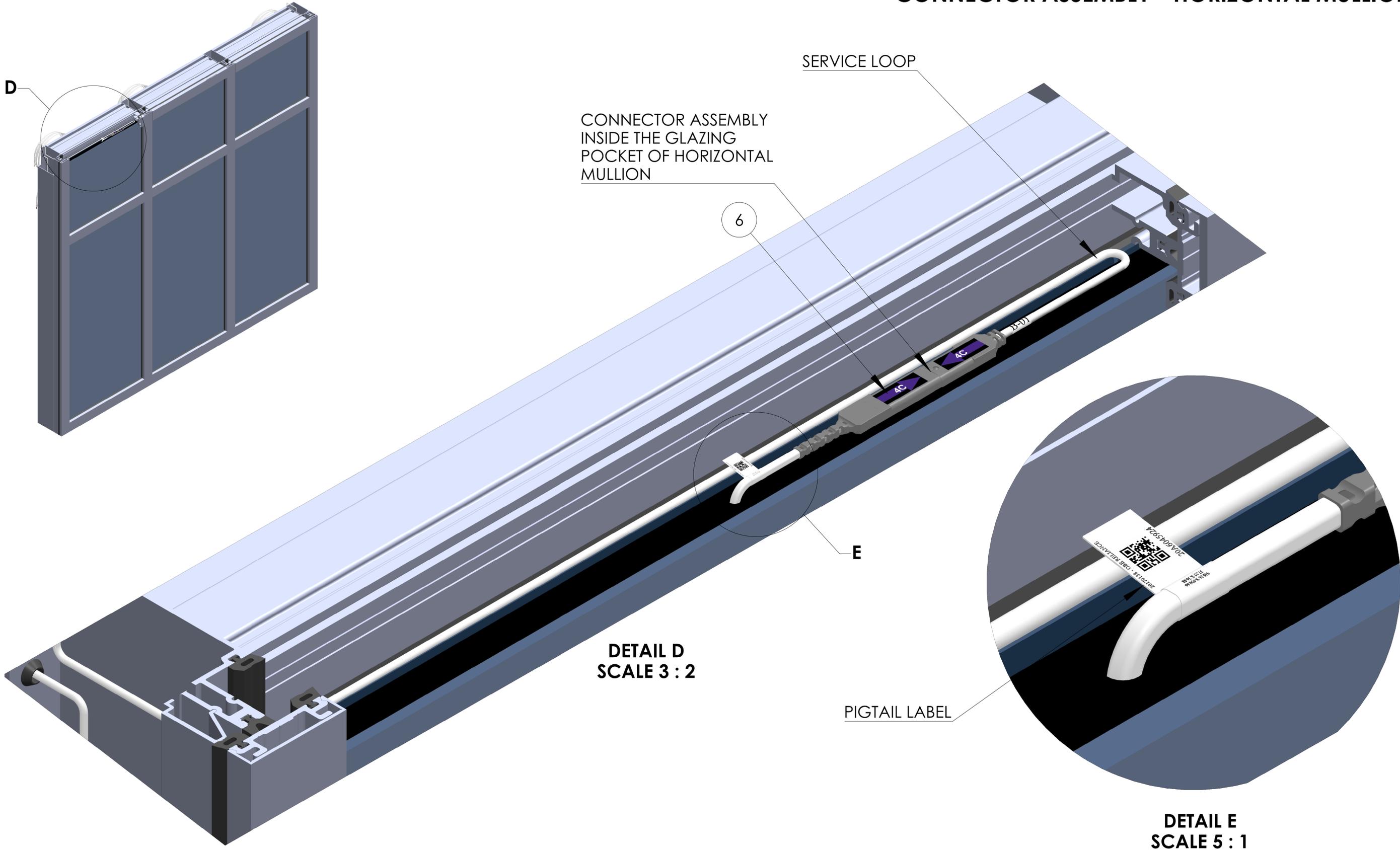
SERVICE LOOP

⑥ -CONNECTOR ASSEMBLY
⑦ -GROMMET

DETAIL C
SCALE 1 : 1

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CONNECTOR ASSEMBLY - HORIZONTAL MULLION



⑥ -CONNECTOR ASSEMBLY

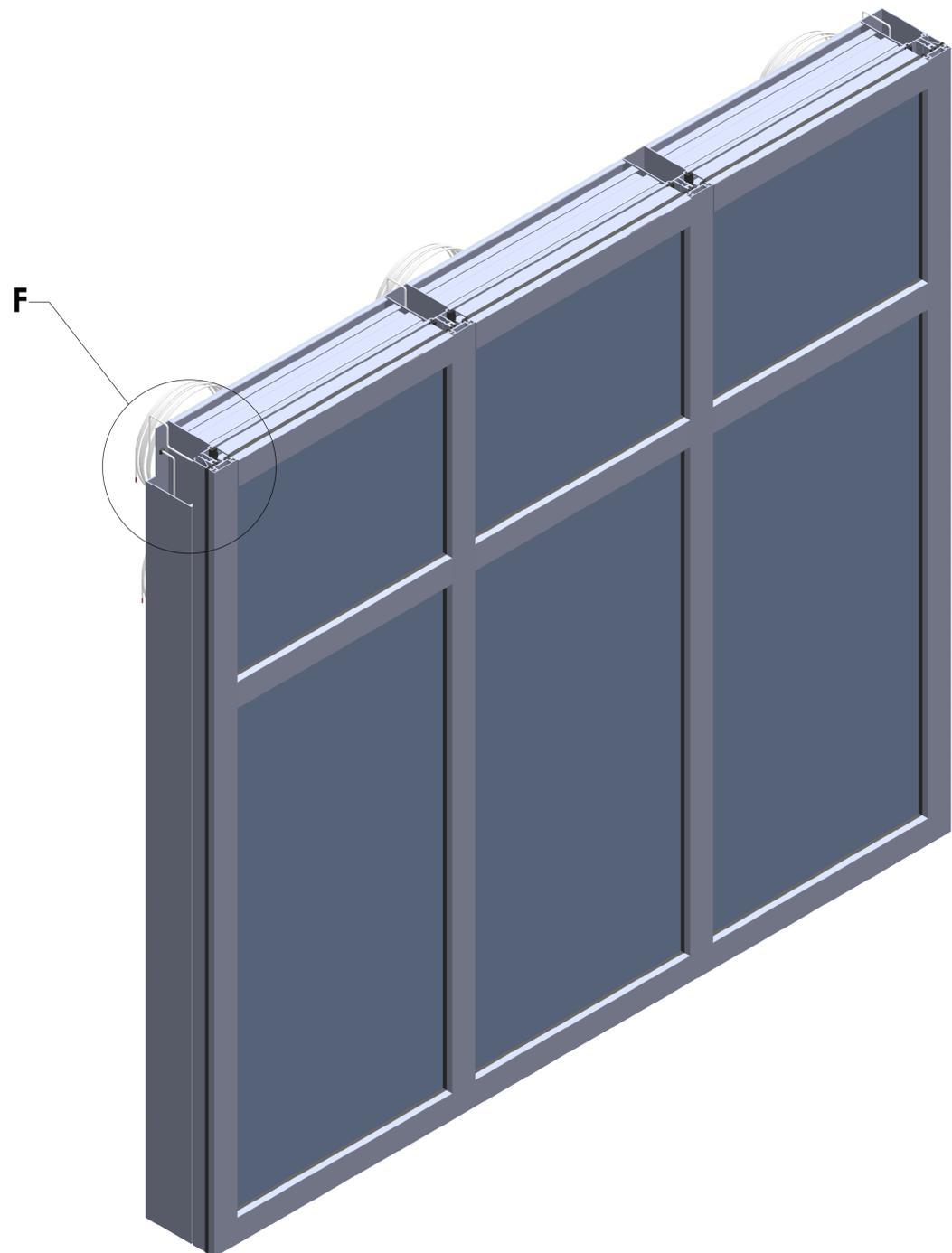
DETAIL E
SCALE 5 : 1

DETAIL D
SCALE 3 : 2

		SAGE Electrochromics Inc.	
ALL DIMENSIONS ARE IN "inches"		DRAWING SHEET	A1
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DESCRIPTION :			
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SCALE: 1:16	DATE : 10-10-2022	SHEET NO	4 OF 7

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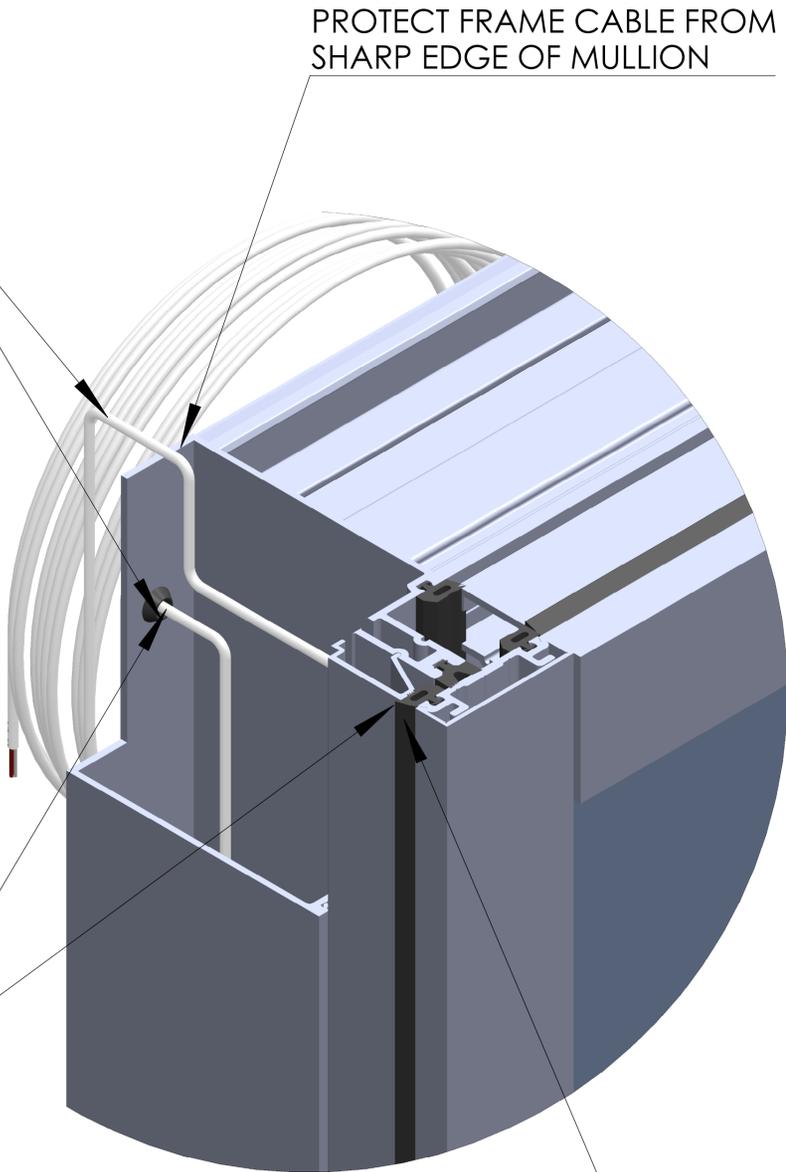
FRAME CABLE ROUTING



FRAME CABLE MAY EXIT MULLION THROUGH BACK AND OR THROUGH TOP

PROTECT FRAME CABLE FROM SHARP EDGE OF MULLION

FRAME CABLES EXITING MULLION



7

DETAIL F
SCALE 1 : 1

⑦ -GROMMETS

SageGlass **SAGE Electrochromics Inc.**

ALL DIMENSIONS ARE IN "inches"

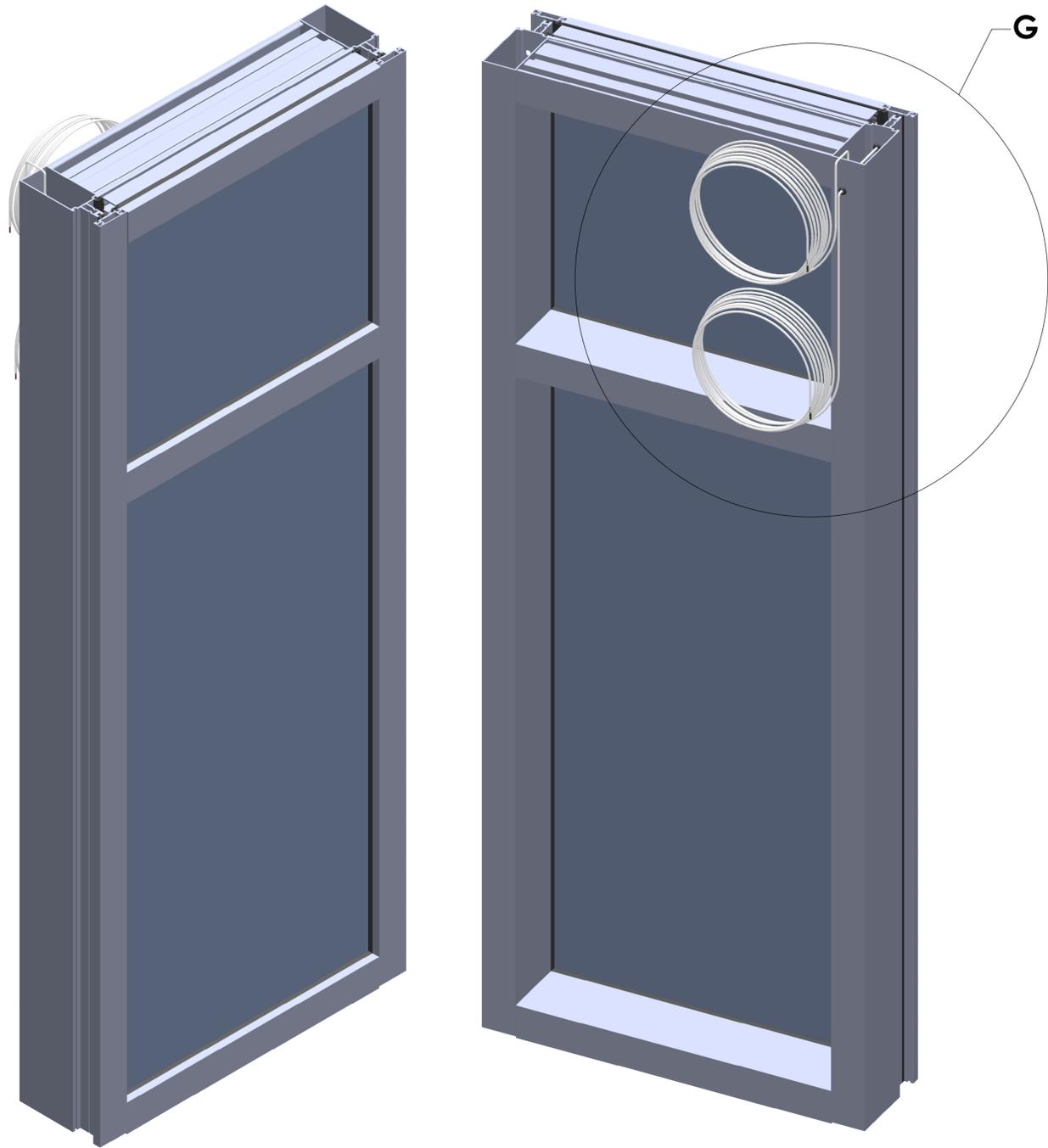
DESCRIPTION :
OBE - Reliance

SCALE: 1:8 DATE : 10-10-2022

DRAWING SHEET	A1
REVISION	APPROVED BY DATE
DRAWN BY	TSS
CHECKED BY	
SHEET NO 5 OF 7	

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FACTORY GLAZED FRAME and REF TAGS

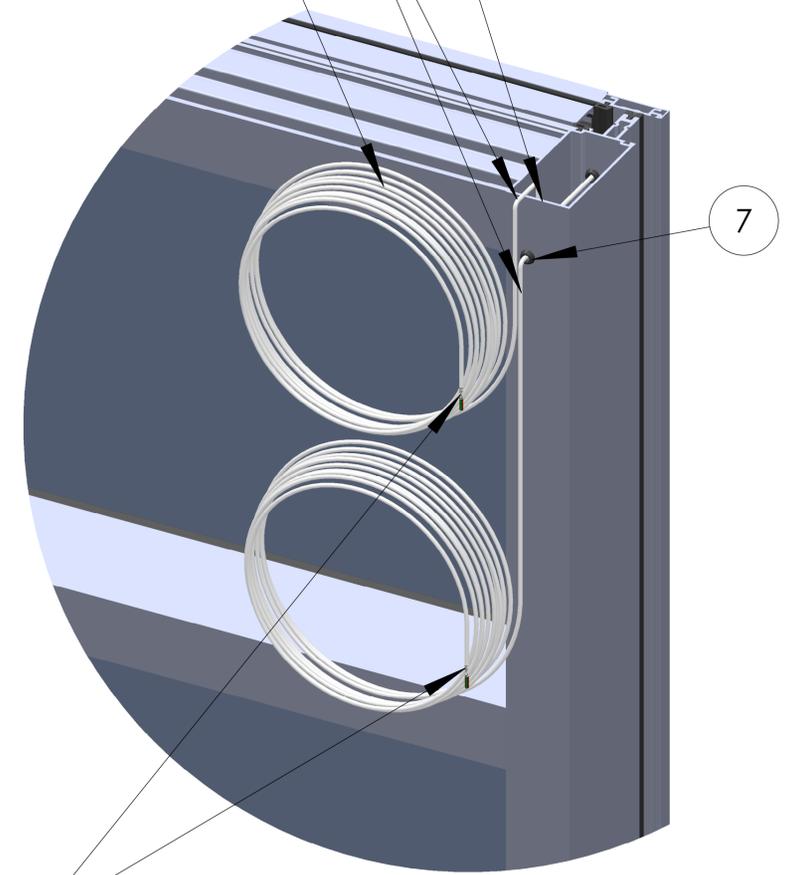


FACTORY ASSEMBLED VIEW
BEFORE INSTALLATION

PROTECT FRAME CABLE FROM
SHARP EDGE OF MULLION

FRAME CABLE MAY EXIT MULLION
THROUGH BACK AND OR THROUGH TOP

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



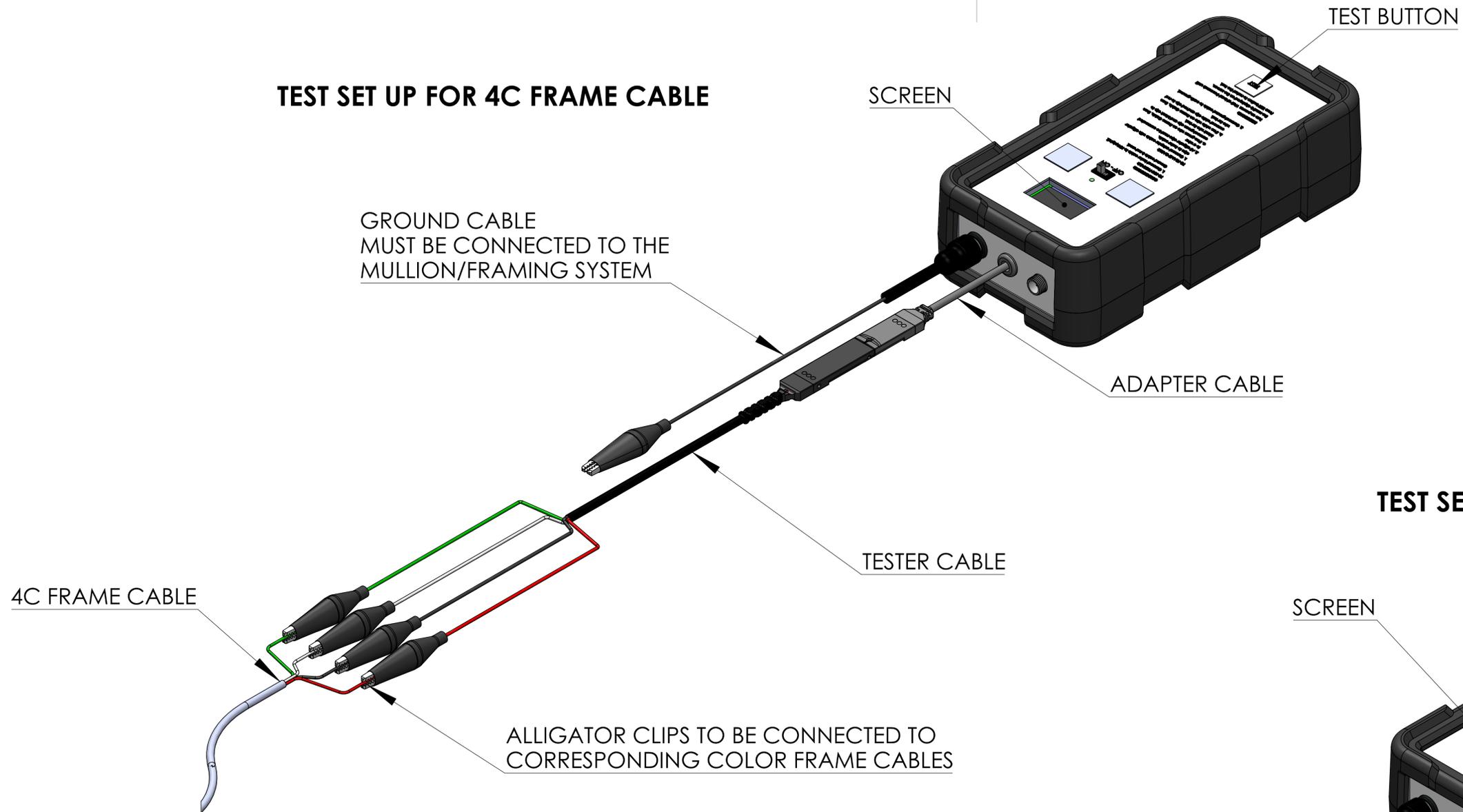
REFERENCE TAGS

DETAIL G
SCALE 2 : 5

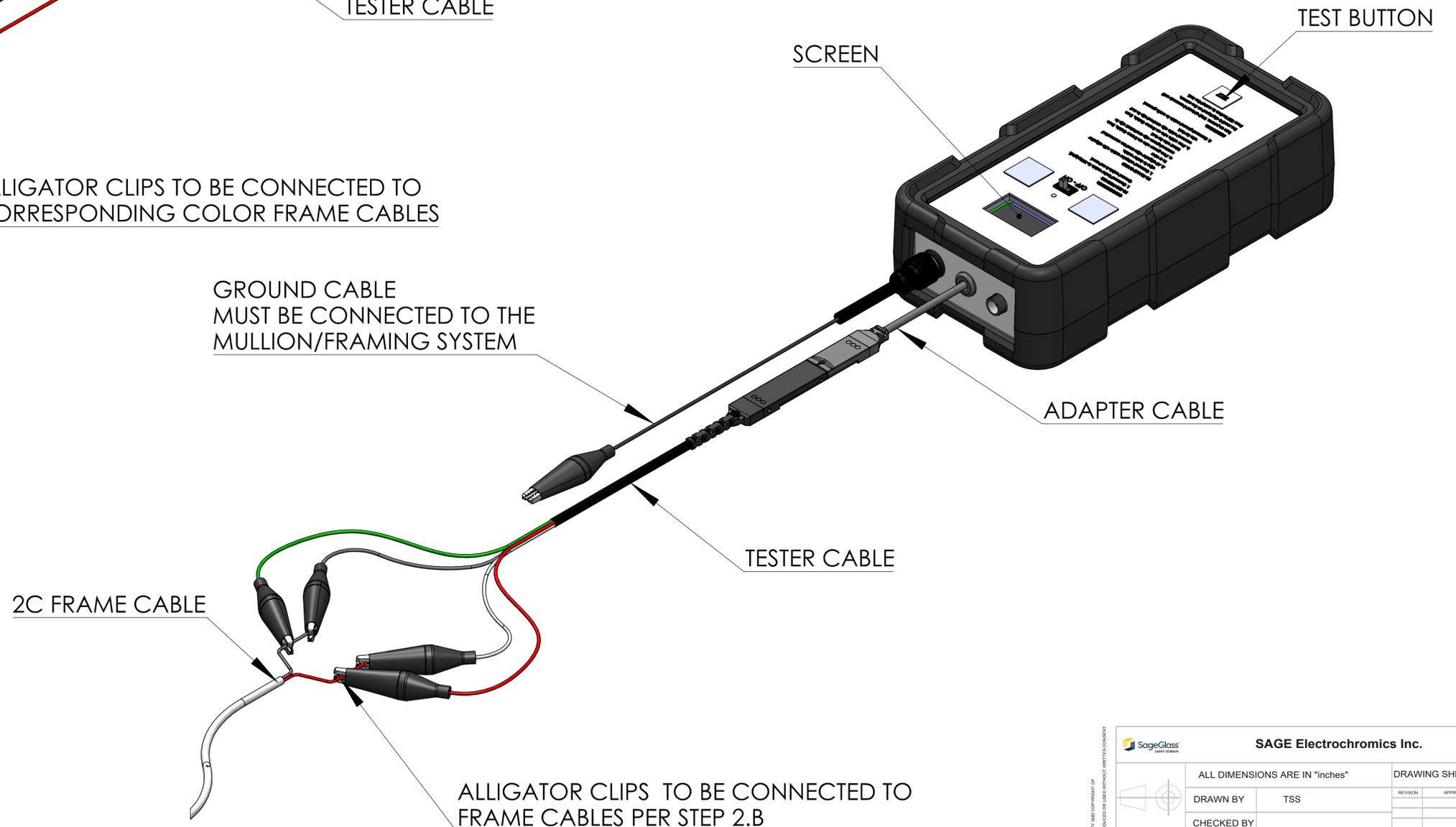
⑦ - GROMMET

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	ALL DIMENSIONS ARE IN "inches"		REVISION	APPROVED BY DATE
	DRAWN BY	TSS		
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DESCRIPTION :				
OBE - Reliance				
SCALE: 1:8		DATE: 10-10-2022		SHEET NO 6 OF 7

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.

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