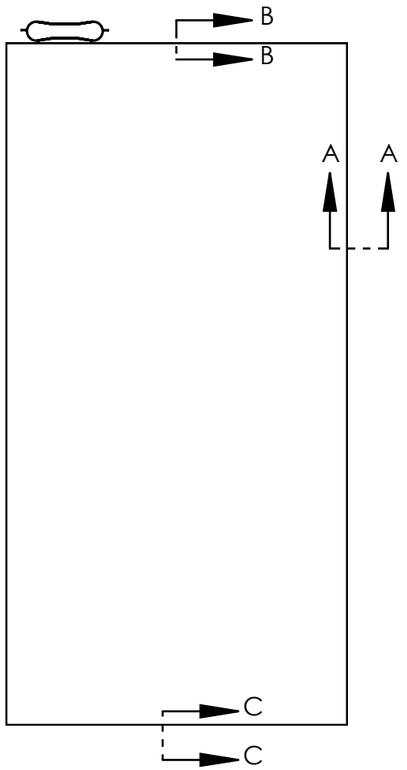
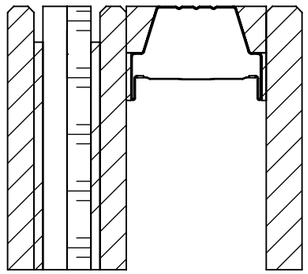
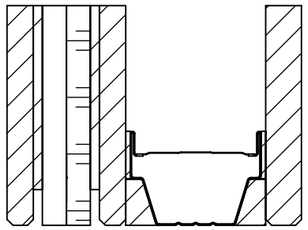
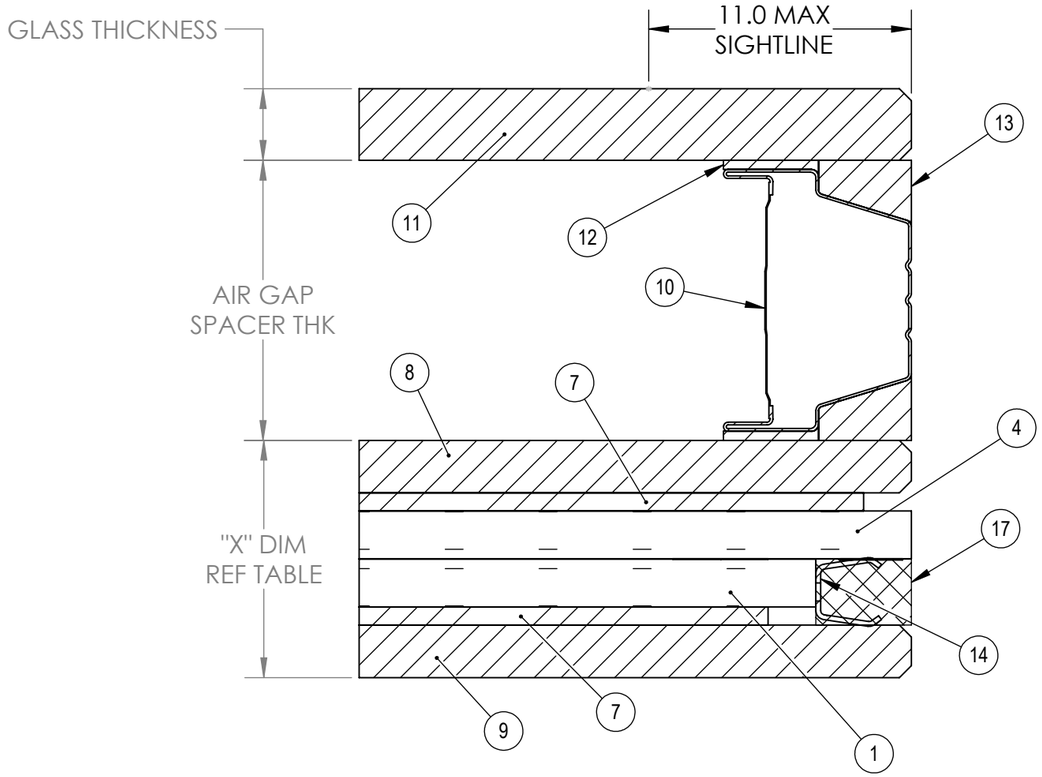


SECTION B-B
SCALE 2 : 1





SECTION C-C
SCALE 2 : 1



SECTION A-A
SCALE 4 : 1

ITEM NO.	DESCRIPTION
1	CLIC GLASS
2	ELECTRICAL BUSBAR
3	PRIMARY SEAL
4	CLIC GLASS
5	SPACER
6	LIQUID CRYSTAL
7	UV BLOCKING INTERLAYER
8	EXTERIOR LAMINATE COVERLITE
9	INTERIOR LAMINATE COVERLITE
10	STAINLESS STEEL IG SPACER
11	IG EXTERIOR COVERLITE
12	IG PRIMARY SEAL
13	IG SECONDARY SEAL
14	2MM PRODUCTION INSET CLIP
15	20 AWG STRANDED
16	HOT MELT GLUE
17	POTTING
18	PRESERVE FILM COATING
19	ORIENTATION ARROW LABEL
20	WIRING GUIDE LABEL
21	UNIT IDENTIFICATION LABEL

CLIC GLASS NOTES:

- EACH PANEL NEEDS AN ELECTRONICS CONTROLLER AND POWER SUPPLY
- USE 18-2 CL3 STRANDED CABLE FOR ELECTRICAL CONNECTIONS
- REMOVE ALL TEMPORARY ADHESIVE FROM CORNERS
- FRONT VIEW SHOWS EXTERIOR SURFACE
- COMPATIBLE GLAZING MATERIALS REQUIRED; ANY WET GLAZING MATERIALS OR NON-SILICONE SETTING BLOCKS MUST BE VETTED

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X.X = ± .1
X.XX = ± .05
∠ = ± .5°
ALL SHARP EDGES BROKEN WITH .002-.005 CHAMFER

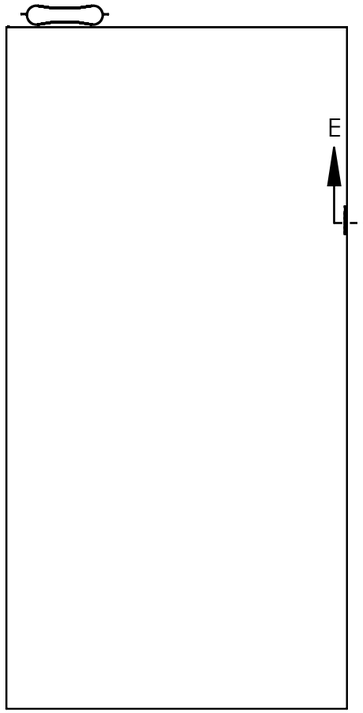
CARDINAL IG

DWG. NO. TOCL-5904_CUSTOMER CLiC IG with Finishing Components
REV D

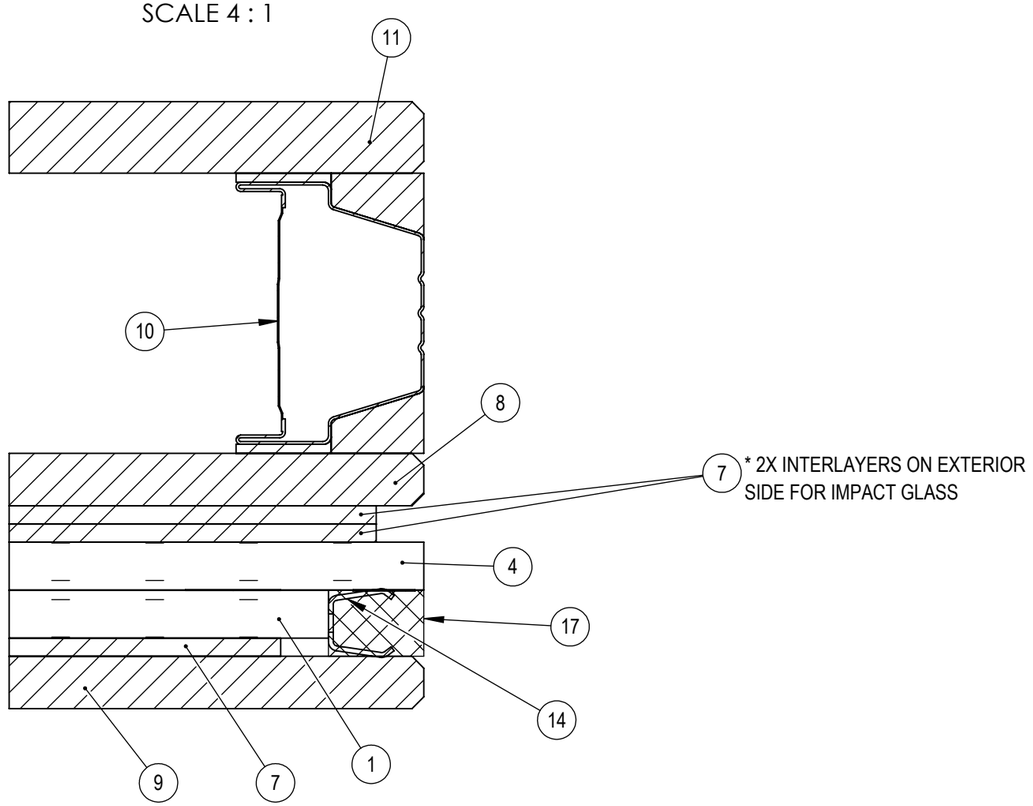
MATERIAL
FINISH
DESCRIPTION: CLIC IG ASSEMBLY WITH FINISHING COMPONENTS

DO NOT SCALE DRAWING | SIZE B | DRAWN BY dskaurud | DATE 7/2/2026 | SHEET 1 OF 9

IMPACT GLASS



SECTION E-E
SCALE 4 : 1



ITEM NO.	DESCRIPTION
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2	ELECTRICAL BUSBAR
3	PRIMARY SEAL
4	CLIC GLASS
5	SPACER
6	LIQUID CRYSTAL
7	UV BLOCKING INTERLAYER
8	EXTERIOR LAMINATE COVERLITE
9	INTERIOR LAMINATE COVERLITE
10	STAINLESS STEEL IG SPACER
11	IG EXTERIOR COVERLITE
12	IG PRIMARY SEAL
13	IG SECONDARY SEAL
14	2MM PRODUCTION INSET CLIP
15	20 AWG STRANDED
16	HOT MELT GLUE
17	POTTING
18	PRESERVE FILM COATING
19	ORIENTATION ARROW LABEL
20	WIRING GUIDE LABEL
21	3MM PRODUCTION INSET CLIP
22	UNIT IDENTIFICATION LABEL

CLIC GLASS NOTES:

- EACH PANEL NEEDS AN ELECTRONICS CONTROLLER AND POWER SUPPLY
- USE 18-2 CL3 STRANDED CABLE FOR ELECTRICAL CONNECTIONS
- REMOVE ALL TEMPORARY ADHESIVE FROM CORNERS
- FRONT VIEW SHOWS EXTERIOR SURFACE
- COMPATIBLE GLAZING MATERIALS REQUIRED; ANY WET GLAZING MATERIALS OR NON-SILICONE SETTING BLOCKS MUST BE VETTED

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CARDINAL IG

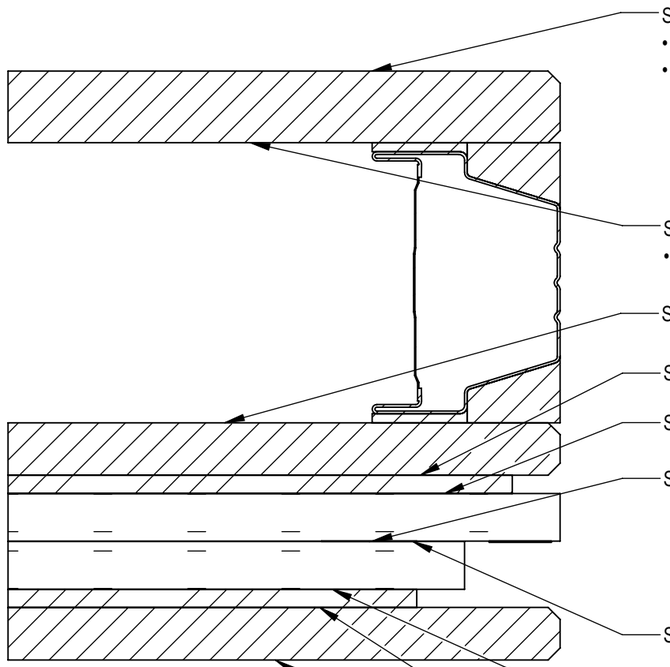
DWG. NO. TOCL-5904_CUSTOMER CLiC IG with Finishing Components
REV D

MATERIAL
FINISH
DESCRIPTION: CLIC IG ASSEMBLY WITH FINISHING COMPONENTS

DO NOT SCALE DRAWING | SIZE B | DRAWN BY dskaurud | DATE 7/2/2026 | SHEET 2 OF 9

IG ASSEMBLY SURFACE DESIGNATIONS

* SURFACES UNCOATED UNLESS OTHERIWSE NOTED



SURFACE 1 - EXTERIOR
- NO COATING
- NEAT+

SURFACE 2
- LOE

SURFACE 3 - EXTERIOR FACE OF LAMINATED ASSEMBLY

SURFACE 4

SURFACE 5 - EXTERIOR FACE OF CLIC ASSEMBLED CELL

SURFACE 6

SURFACE 7

SURFACE 8 - INTERIOR FACE OF CLIC ASSEMBLED CELL

SURFACE 9

SURFACE 10 - INTERIOR - BOTTOM OF LAMINATED ASSEMBLY
1. NO COATING
2. LOE i89

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CARDINAL IG

DWG. NO. **TOCL-5904_CUSTOMER CLiC IG with Finishing Components**

REV D

MATERIAL

FINISH

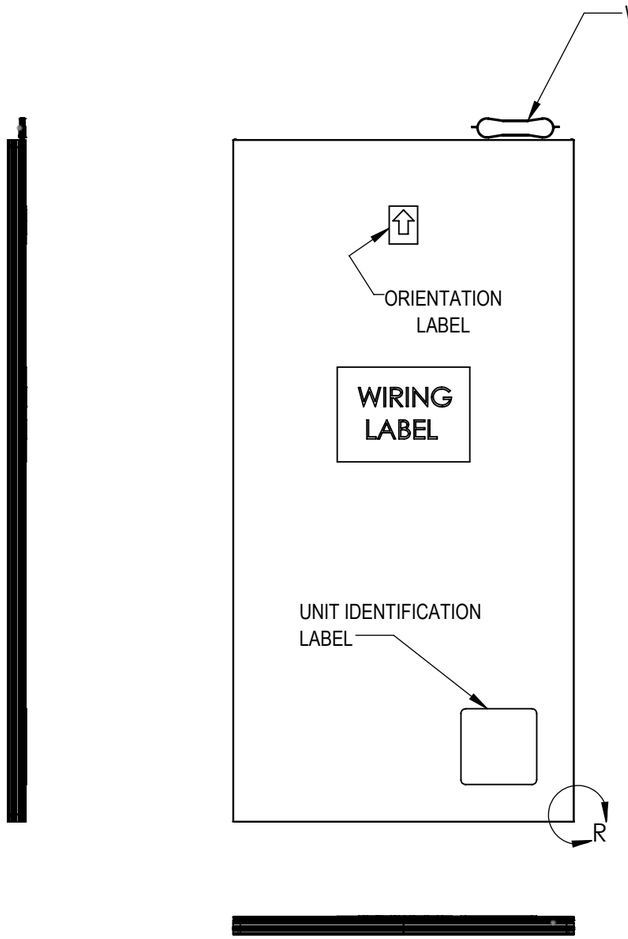
DESCRIPTION: CLIC IG ASSEMBLY WITH FINISHING COMPONENTS

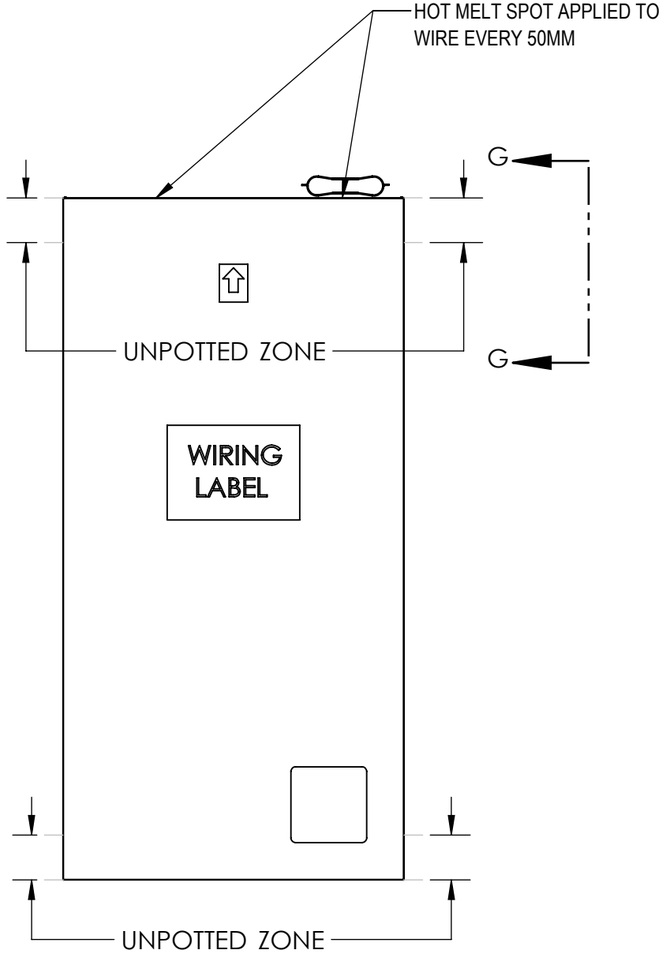
DO NOT SCALE DRAWING

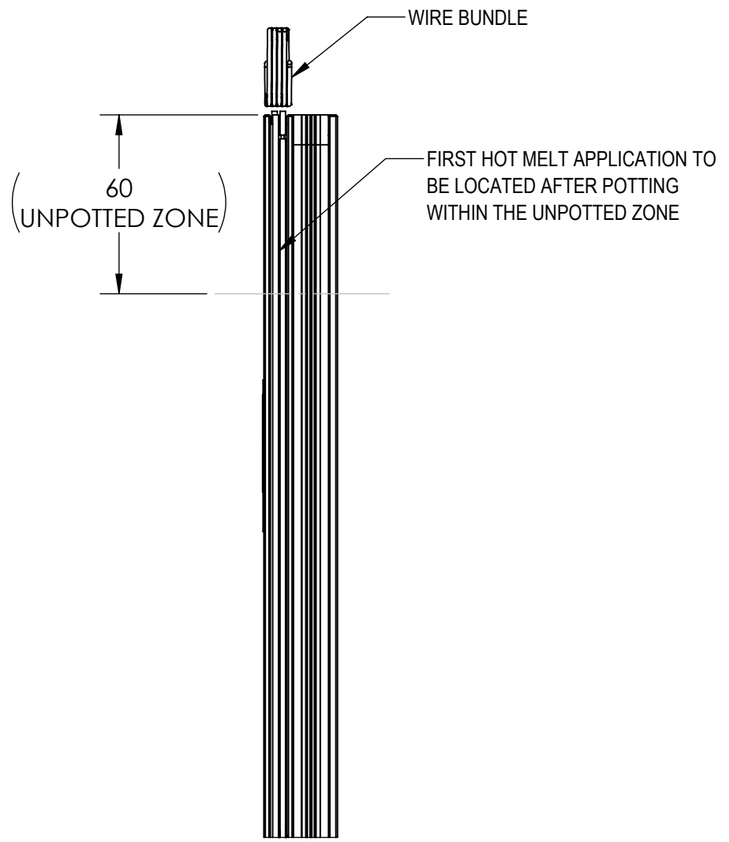
SIZE B

DRAWN BY dskaurud

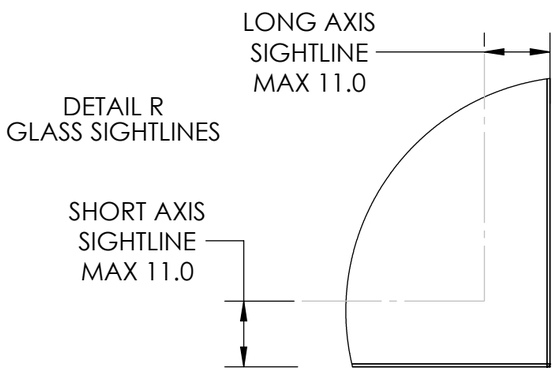
DATE 7/2/2026







SECTION G-G
SCALE 1 : 2



NOTES:
- FRONT VIEW SHOWS INTERIOR SURFACE
- LEFT AND RIGHT DETERMINED BY EXTERIOR SURFACE

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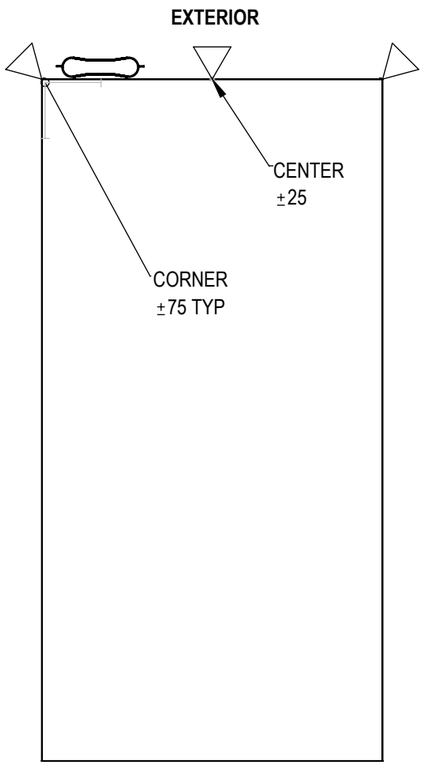
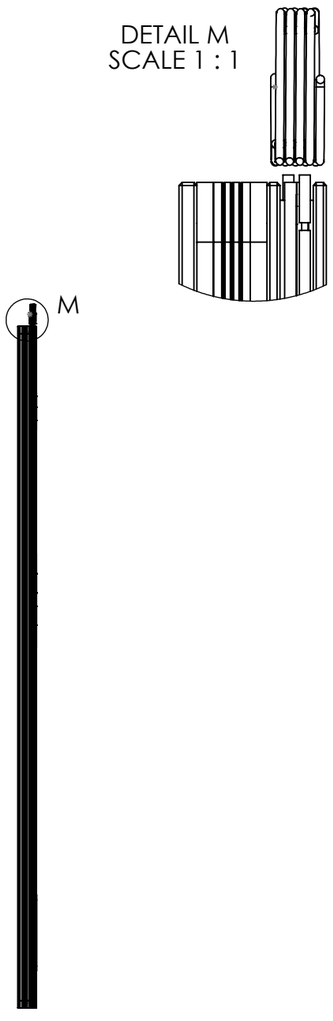
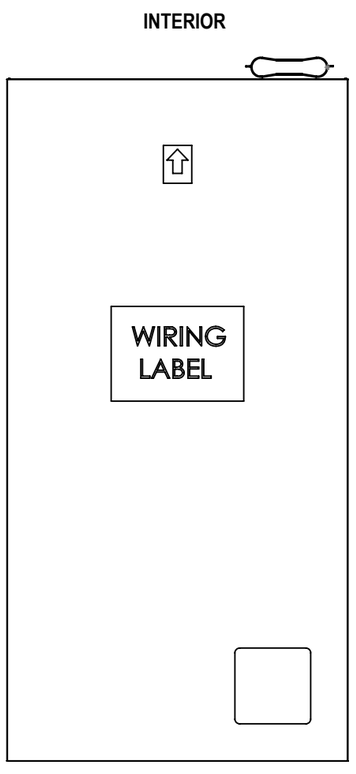
	MATERIAL	DESCRIPTION: CLIC IG ASSEMBLY WITH FINISHING COMPONENTS		
	FINISH			
	DO NOT SCALE DRAWING	SIZE B	DRAWN BY dskaurud	DATE 7/2/2026
				SHEET 4 OF 9

ORIENTATION: SHORT BASE







NOTES:

- TRIANGLES DENOTE POTENTIAL WIRE COLOCATION EXIT POINTS. WIRE TRAVELS THE SHORTEST DISTANCE AROUND THE PART WITHOUT OVERLAPPING THE OTHER WIRE
- FINAL WIRE LEAD LENGTH IS DEPENDENT UPON PART SIZE AND COLOCATION POINT WITH A MINIMUM LENGTH OF 25CM
- LEFT AND RIGHT WIRE COLOCATION TO BE DETERMINED BY EXTERIOR SURFACE

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CARDINAL IG

DWG. NO. TOCL-5904_CUSTOMER CLiC IG with Finishing Components

REV D

MATERIAL

FINISH

DESCRIPTION: CLIC IG ASSEMBLY WITH FINISHING COMPONENTS

DO NOT SCALE DRAWING

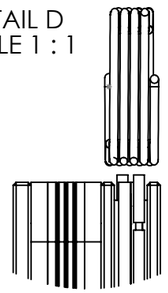
SIZE B

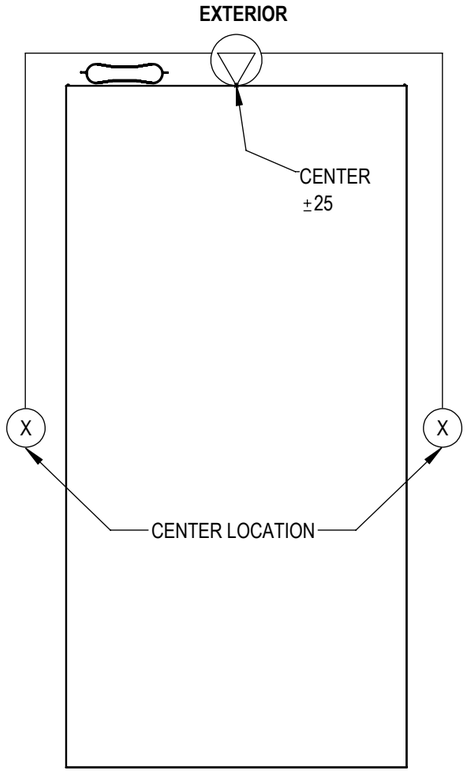
DRAWN BY dskaurud

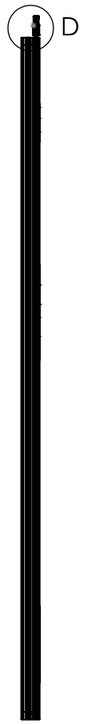
DATE 7/2/2026

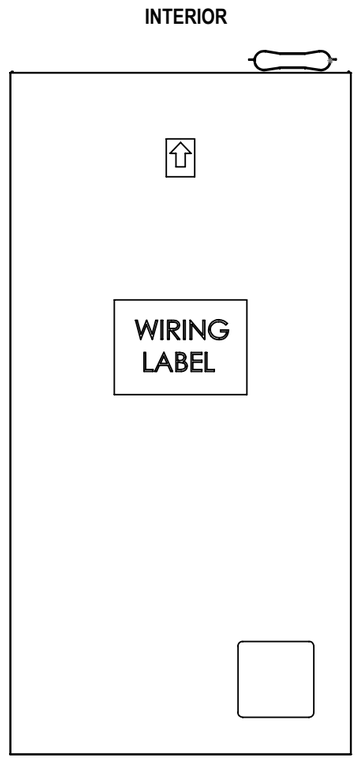
ORIENTATION: SHORT BASE DOOR

DETAIL D
SCALE 1 : 1









NOTES:

- COLOCATION IS CENTER TOP
- LEAD LENGTH IS SIZED TO REACH CENTER OF 80in DOOR OPENING, POSITION "X"
- FINAL ACTUAL WIRE LEAD LENGTH IS DEPENDENT UPON PART SIZE AND WILL HAVE A MINUMUM LENGTH OF 25CM EXTENDING BEYOND CENTER LOCATION "X"

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CARDINAL IG

DWG. NO. TOCL-5904_CUSTOMER CLiC IG with Finishing Components

REV D

MATERIAL

FINISH

DESCRIPTION: CLIC IG ASSEMBLY WITH FINISHING COMPONENTS

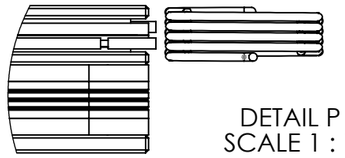
DO NOT SCALE DRAWING

SIZE B

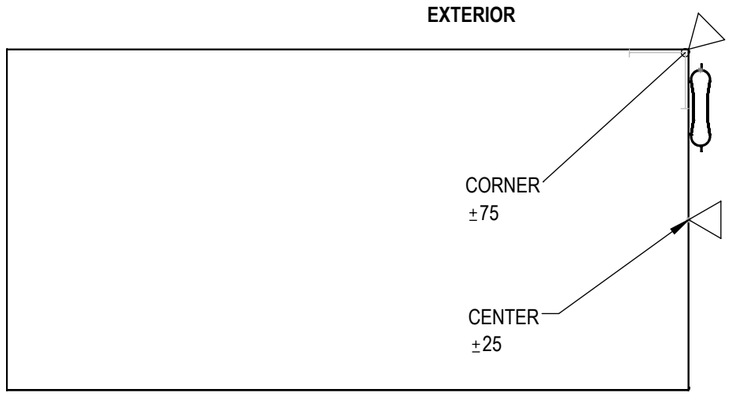
DRAWN BY dskaurud

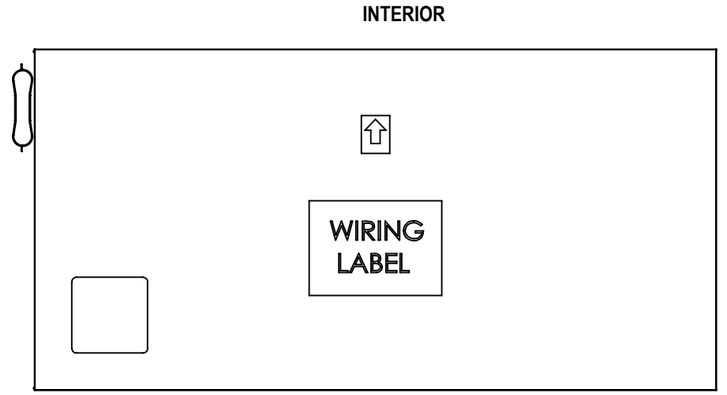
DATE 7/2/2026

ORIENTATION: LONG BASE, WIRE RIGHT



DETAIL P
SCALE 1 : 1





NOTES:

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- FINAL WIRE LEAD LENGTH IS DEPENDENT UPON PART SIZE AND COLOCATION POINT WITH A MINIMUM LENGTH OF 25CM
- LEFT AND RIGHT TO BE DETERMINED BY EXTERIOR SURFACE

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REV D

MATERIAL

FINISH

DESCRIPTION:
CLIC IG ASSEMBLY WITH FINISHING COMPONENTS

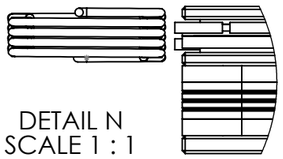
DO NOT SCALE DRAWING

SIZE B

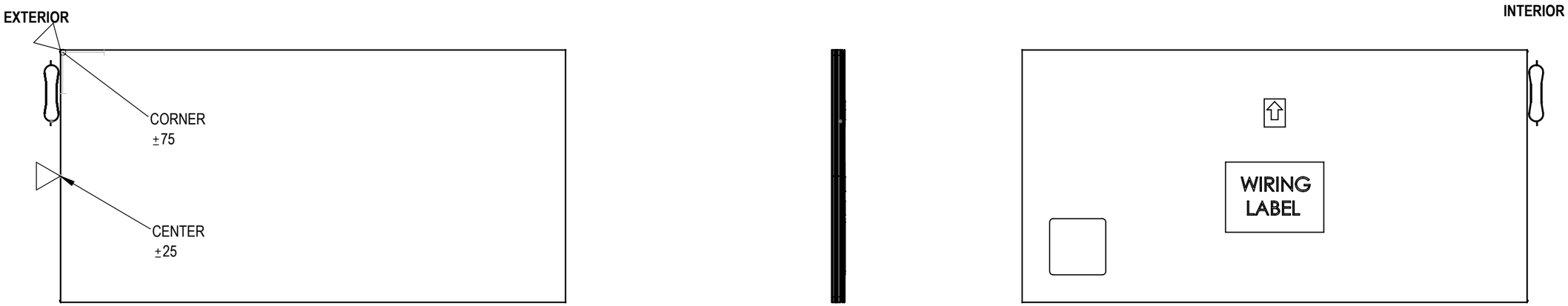
DRAWN BY dskaurud

DATE 7/2/2026

ORIENTATION: LONG BASE, WIRE LEFT



DETAIL N
SCALE 1 : 1



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CARDINAL IG

DWG. NO. TOCL-5904_CUSTOMER CLiC IG with Finishing Components

REV D

MATERIAL

FINISH

DESCRIPTION: CLIC IG ASSEMBLY WITH FINISHING COMPONENTS

DO NOT SCALE DRAWING

SIZE B

DRAWN BY dskaurud

DATE 7/2/2026

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	02/03/26	DPS
	B	ADDED SHORT BASE DOOR PAGE, UPDATED WIRE LEAD LENGTH NOTES	3/9/2026	DPS
	C	UPDATED HURRICANE GLASS WEIGHT, CREATED NEW TABLE FOR SIZING RULES	5/1/2026	DPS
	D	REMOVED 2MM WIRE ROUTING CHANNEL, ADDED REFERENCE TABLE NOTE	6/29/2026	DPS

CLIC CELL REFERENCE TABLE	CLIC GLASS (mm)	LAMINATION COVER GLASS (mm)	NOMINAL THICKNESS (X)	NOMINAL WEIGHT (LBS/SQFT)
CLIC 99	BORO (2.0)	2.2	9.92	4.42
IMPACT	BORO (2.0)	2.2	10.7	4.59

** FINAL THICKNESS AND WEIGHT DETERMINED BY IG SELECTIONS

RULES		
DIM	MIN	MAX
Length (in)	16	129
Width (in)	7	78
Sqft (ft^2)	1.8	40/50*
ASPECT RATIO	DETERMINES LONG OR SHORT BASE	

* 40 SQFT USING WC-101 CONTROLLER
* 50 SQFT USING HC-108 CONTROLLER

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SIZE B

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DATE 7/2/2026