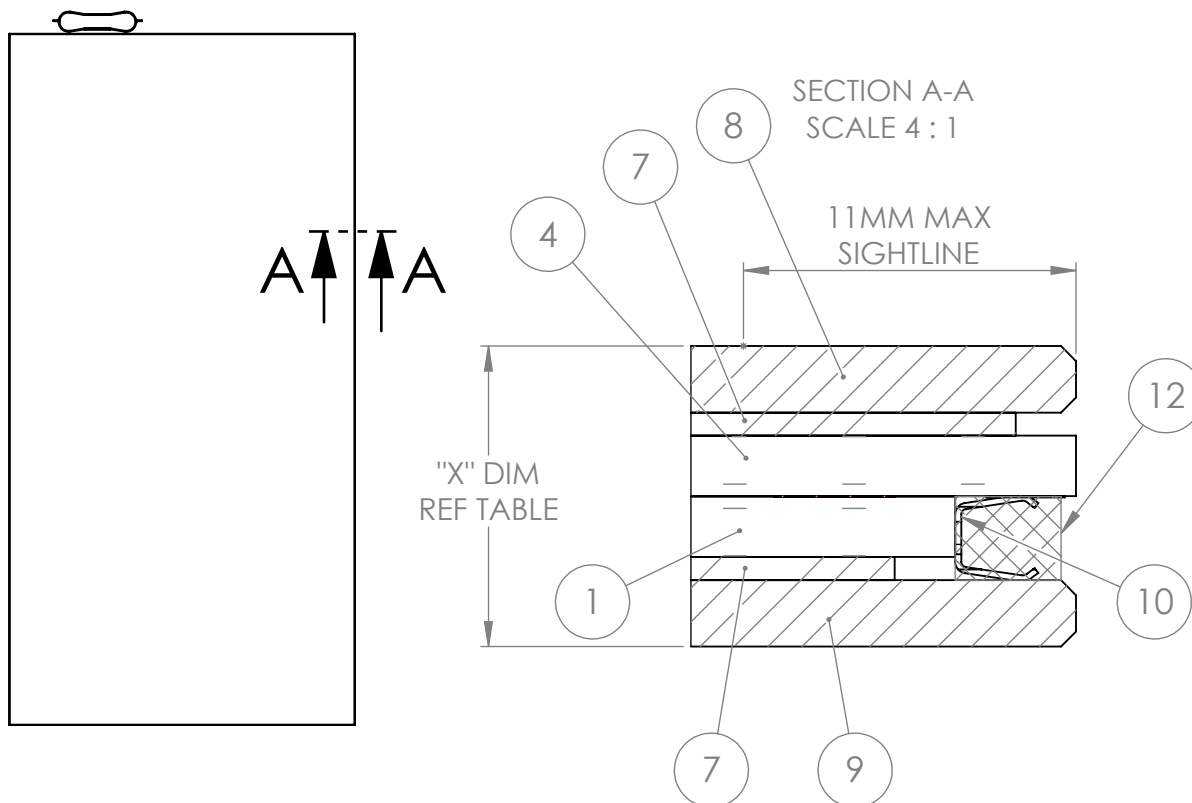




ITEM NO.	DESCRIPTION
1	CLIC GLASS
2	ELECTRICAL BUSBAR
3	PRIMARY SEAL
4	CLIC GLASS
5	SPACER
6	LIQUID CRYSTAL
7	UV BLOCKING INTERLAYER
8	EXTERIOR LAMINATE COVERLITE
9	INTERIOR LAMINATE COVERLITE
10	2MM PRODUCTION INSET CLIP
11	20 AWG STRANDED
12	POTTING
13	PRESERVE FILM COATING
14	HOT MELT GLUE
15	ORIENTATION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

DIMENSIONS ARE IN MM

TOLERANCES:

X = $\pm .5$

X.X = $\pm .1$

X.XX = $\pm .05$

$\angle$ = $\pm .5^\circ$

ALL SHARP EDGES BROKEN
WITH .002-.005 CHAMFER

CARDINAL IG

SIZE
A

DWG. NO. **TOCL-5902_CUSTOMER CLIC Laminated Assembly
with Finishing Components**

REV
D

MATERIAL

FINISH

DESCRIPTION

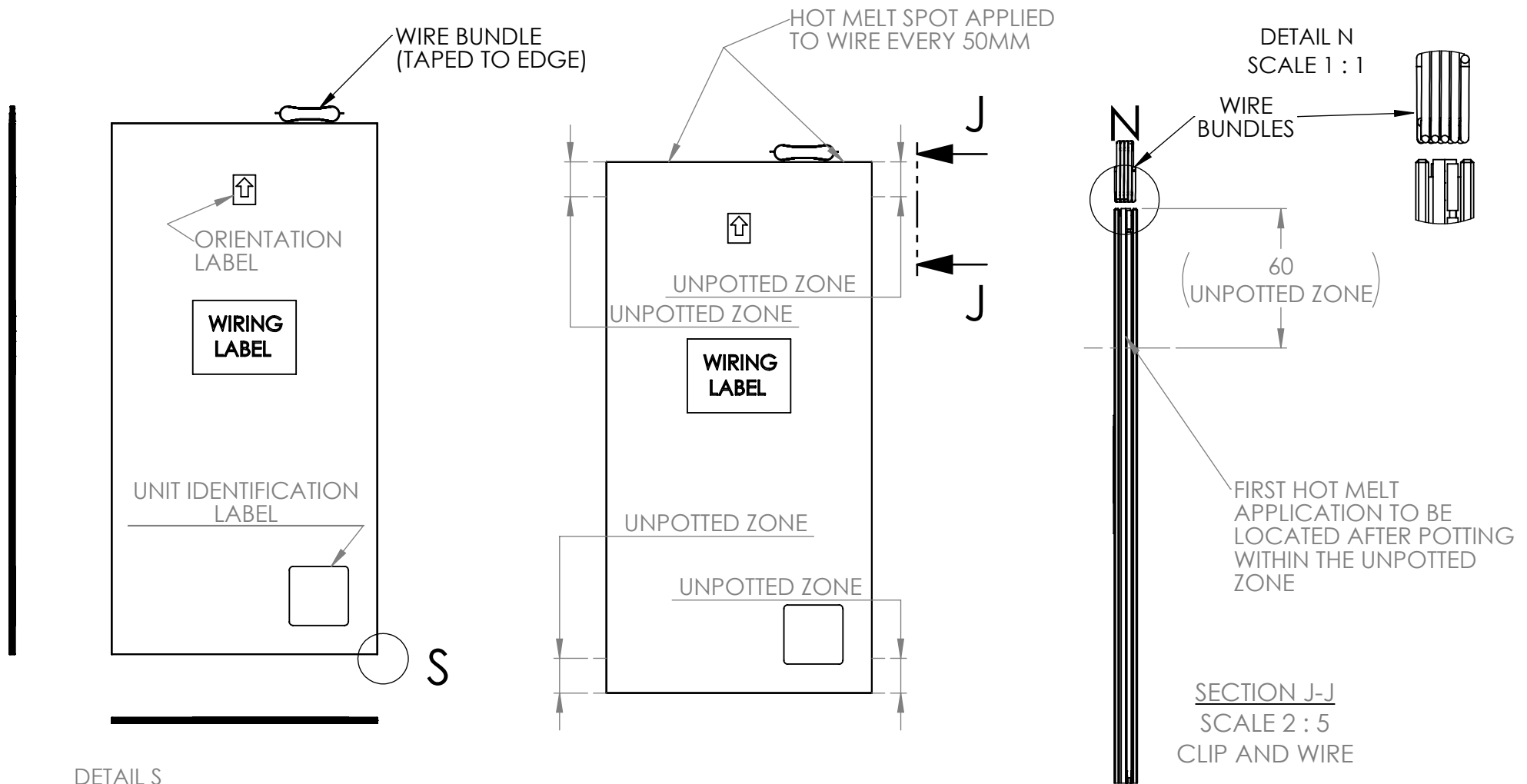
LAMINATED ASSEMBLY WITH FINISHING COMPONENTS

DO NOT SCALE DRAWING

DRAWN BY
dskaurud

DATE
7/2/2026

SHEET 1 OF 7



NOTES:

- INTERIOR SURFACE SHOWN
- LEFT AND RIGHT TO BE DETERMINED BY EXTERIOR SURFACE (SEE ORIENTATION PAGES)

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ALL SHARP EDGES BROKEN WITH .002-.005 CHAMFER

CARDINAL IG

SIZE A

DWG. NO.

TOCL-5902_CUSTOMER CLIC Laminated Assembly with Finishing Components

REV D

MATERIAL

DESCRIPTION

LAMINATED ASSEMBLY WITH FINISHING COMPONENTS

FINISH

DO NOT SCALE DRAWING

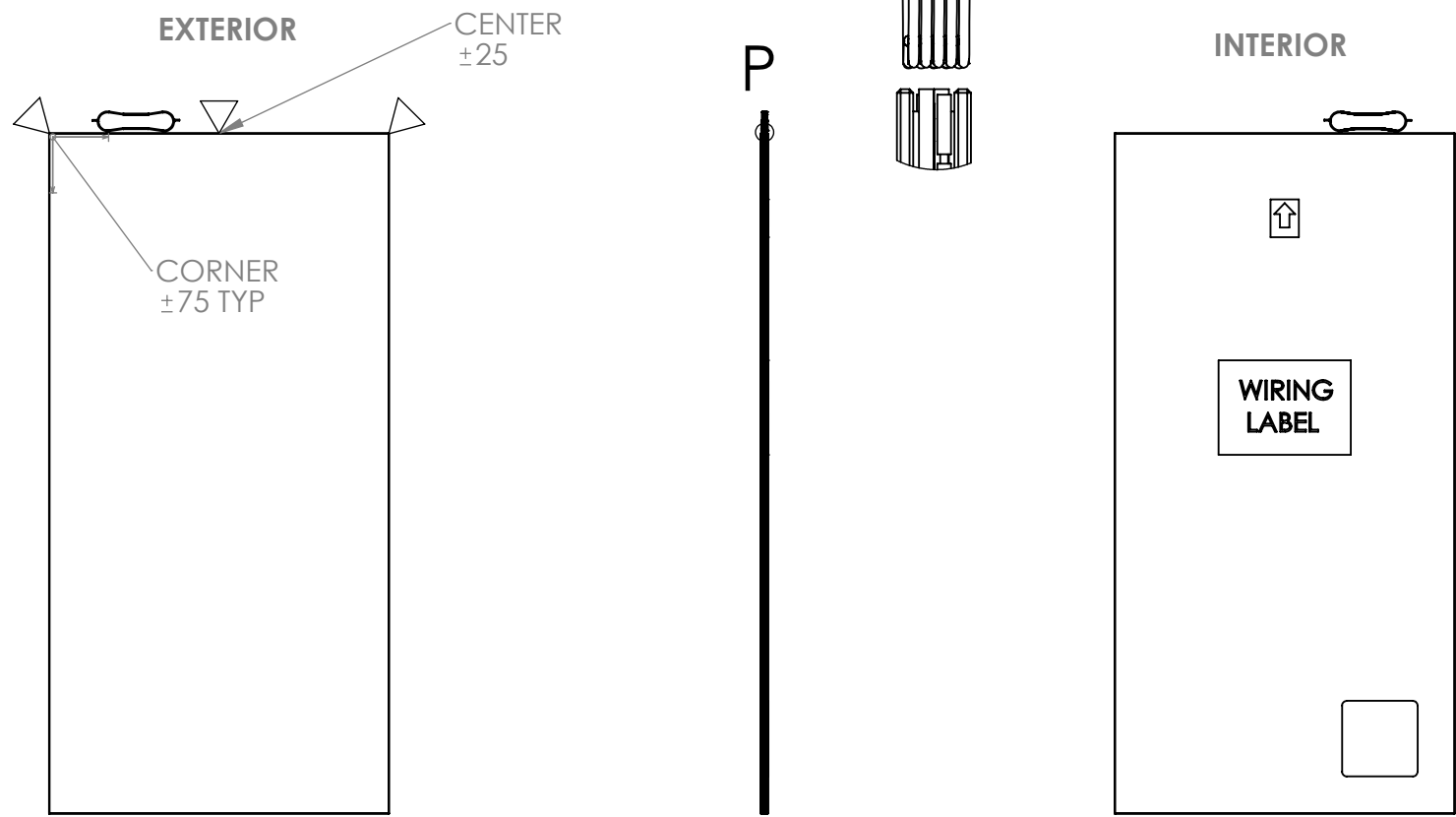
DRAWN BY
dskaurud

DATE
7/2/2026

SHEET 2 OF 7

WIRE ORIENTATION OPTIONS: SHORT BASE

DETAIL P
SCALE 1 : 1

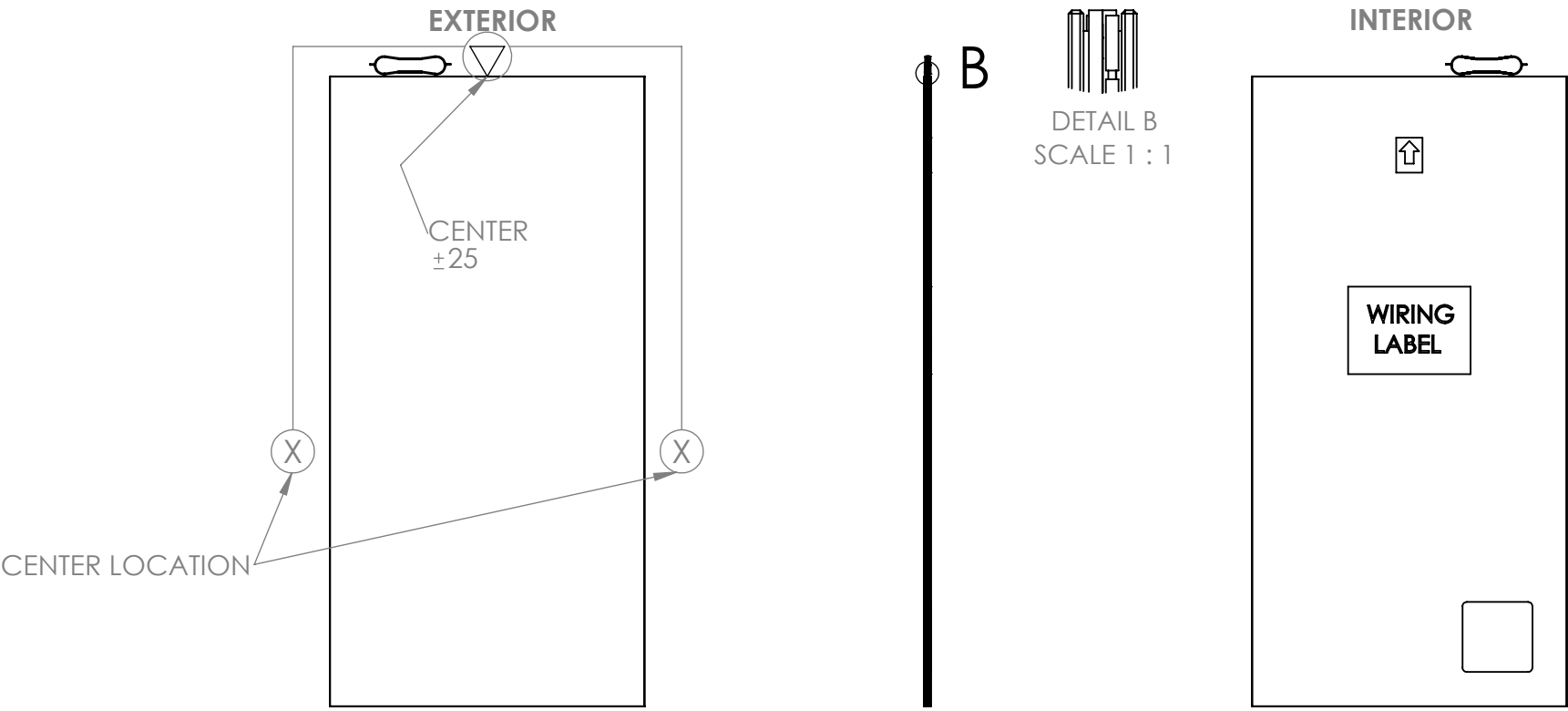


NOTES:

- TRIANGLES DENOTE POTENTIAL WIRE COLOCATION EXIT POINTS. WIRE TRAVELS THE SHORTEST DISTANCE AROUND THE PART WITHOUT OVERLAPPING 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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	DIMENSIONS ARE IN MM			A				D	
	TOLERANCES: X = ± .5 X.X = ± .1 X.XX = ± .05 ∠ = ± .5°			MATERIAL		DESCRIPTION			
	ALL SHARP EDGES BROKEN WITH .002-.005 CHAMFER			FINISH		LAMINATED ASSEMBLY WITH FINISHING COMPONENTS			
				DO NOT SCALE DRAWING		DRAWN BY dskaurud		DATE 7/2/2026	SHEET 3 OF 7

WIRE ORIENTATION OPTIONS: SHORT BASE DOOR



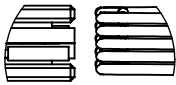
NOTES:

- 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 MINIMUM LENGTH OF 25CM EXTENDING BEYOND CENTER LOCATION "X"

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	DIMENSIONS ARE IN MM			A				D	
	TOLERANCES: X = ± .5 X.X = ± .1 X.XX = ± .05 ∠ = ± .5°			DESCRIPTION LAMINATED ASSEMBLY WITH FINISHING COMPONENTS					
	ALL SHARP EDGES BROKEN WITH .002-.005 CHAMFER			DO NOT SCALE DRAWING		DRAWN BY dskaurud		DATE 7/2/2026	SHEET 4 OF 7

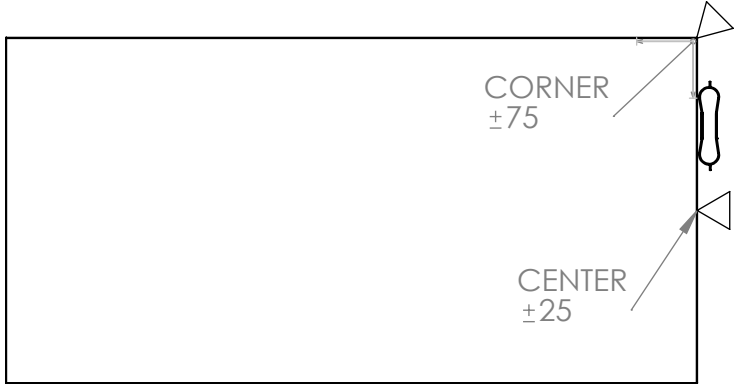
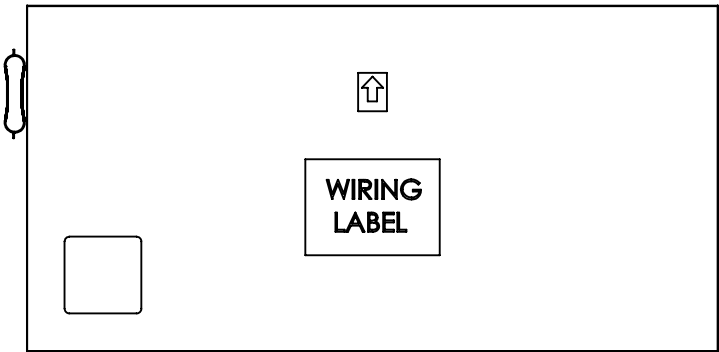
WIRE ORIENTATION OPTIONS: LONG BASE WIRE RIGHT

DETAIL M
SCALE 1 : 1



EXTERIOR

INTERIOR



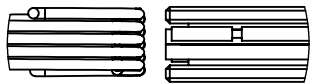
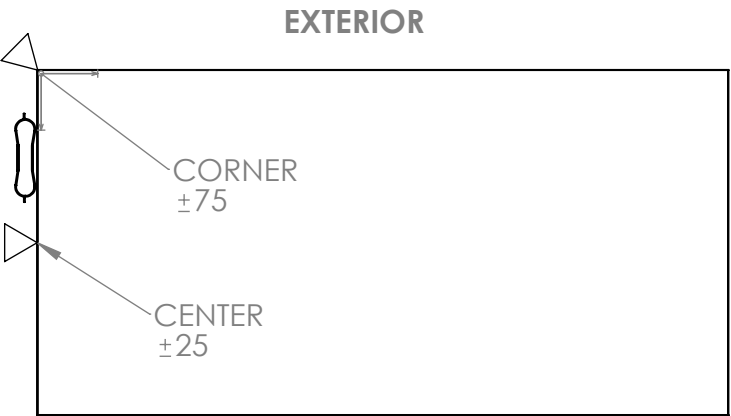
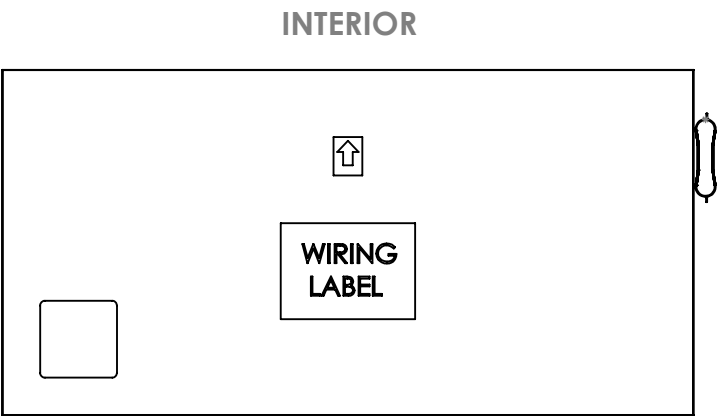
- NOTES:
- TRIANGLES DENOTE POTENTIAL WIRE COLOCATION EXIT POINTS. WIRE TRAVELS THE SHORTEST DISTANCE AROUND THE PART WITHOUT OVERLAPPING OTHER WIRE
 - FINAL WIRE LEAD LENGTH IS DEPENDENT UPON PART SIZE AND COLOCATION POINT WITH A MINIMUM LENGTH OF 25CM
 - LEFT AND RIGHT TO BE DETERMINED BY EXTERIOR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

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	DIMENSIONS ARE IN MM								
	TOLERANCES: X = ± .5 X.X = ± .1 X.XX = ± .05 Z = ± .5°								
	ALL SHARP EDGES BROKEN WITH .002-.005 CHAMFER								
	DO NOT SCALE DRAWING								
MATERIAL			DESCRIPTION LAMINATED ASSEMBLY WITH FINISHING COMPONENTS						
FINISH									
			DRAWN BY dskaurud			DATE 7/2/2026		SHEET 5 OF 7	

WIRE ORIENTATION OPTIONS: LONG BASE WIRE LEFT



DETAIL R
SCALE 1 : 1



NOTES:

- TRIANGLES DENOTE POTENTIAL WIRE COLOCATION EXIT POINTS. WIRE TRAVELS THE SHORTEST DISTANCE AROUND THE PART WITHOUT OVERLAPPING OTHER WIRE
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	DIMENSIONS ARE IN MM							
	TOLERANCES: X = ± .5 X.X = ± .1 X.XX = ± .05 Z = ± .5°		MATERIAL		DESCRIPTION LAMINATED ASSEMBLY WITH FINISHING COMPONENTS			
	ALL SHARP EDGES BROKEN WITH .002-.005 CHAMFER		FINISH					
			DO NOT SCALE DRAWING		DRAWN BY dskaurud		DATE 7/2/2026	

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	6/25/25	DPS
	B	ADDED SHORT BASE DOOR CONFIGURATION, UPDATED WIRE LEAD NOTES	3/10/26	DPS
	C	UPDATED HURRICANE GLASS WEIGHT, CREATED NEW TABLE FOR SIZING RULES	5/1/2026	DPS
	D	REMOVED HURRICANE IN REFERENCE TABLE, REMOVED 2MM WIRE ROUTING CHANNEL	6/26/2026	

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

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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X = ±.5
X.X = ±.1
X.XX = ±.05
Z = ±.5*

ALL SHARP EDGES BROKEN WITH .002-.005 CHAMFER

CARDINAL IG

MATERIAL

FINISH

DO NOT SCALE DRAWING

SIZE A

DWG. NO. TOCL-5902_CUSTOMER CLiC Laminated Assembly with Finishing Components

DESCRIPTION LAMINATED ASSEMBLY WITH FINISHING COMPONENTS

DRAWN BY dskaurud

DATE 7/2/2026

REV D

SHEET 7 OF 7