Spec Ref # : CX-WC18SLVR & CX-WEC10K2

CX-WC18SLVR - EQUIPMENT PACKAGE:

1 CX-33 Multi-Function Relay
2 CM-8436VR/4 - 36" STAINLESS STEEL COLUMN SWITCH WITH 'WHEELCHAIR' SYMBOL AND 'PUSH TO OPEN' GRAPHICS WITH VALUEWAVE™ HAND FREE SWITCH AND SIGN, MOUNTING ON SIDE LOAD BACKBOX
3 CM-8436VR/8B - 36" STAINLESS STEEL COLUMN SWITCH WITH 'LOCK' SYMBOL AND 'PUSH TO LOCK' GRAPHICS MOUNING WITH VALUEWAVE™ HAND FREE SWITCH AND SIGN
4 CX-MDA - MAGNETIC DOOR CONTACT
5 CX-ED2079 - GRADE 2 UNIVERSAL ELECTRIC STRIKE

CX-WEC10K2 EQUIPMENT PACKAGE:

6 CM-AF540SO - 'PRESS FOR EMERGENCY ASSISTANCE' SWITCH & 'ASSISTANCE REQUESTED' LED ANNUNCIATOR WITH SOUNDER
7 CM-AF141SO - 'ASSISTANCE REQUIRED' SINGLE GANG LED DOME LIGHT WITH SOUNDER
8 CM-SE21A - EMERGENCY ASSISTANCE SIGN

ADDITIONAL PARTS REQUIRED
BUT NOT INCLUDED WITH THE CX-WC18SLVR & CX-WEC10K2:

9 AUTOMATIC DOOR OPERATOR - SUPPLIED BY OTHERS
10 CX-PS13 - 12/24 VDC LINEAR POWER SUPPLY
11 CX-TRX-4024 - 40VA, 24 VAC TRANSFORMER

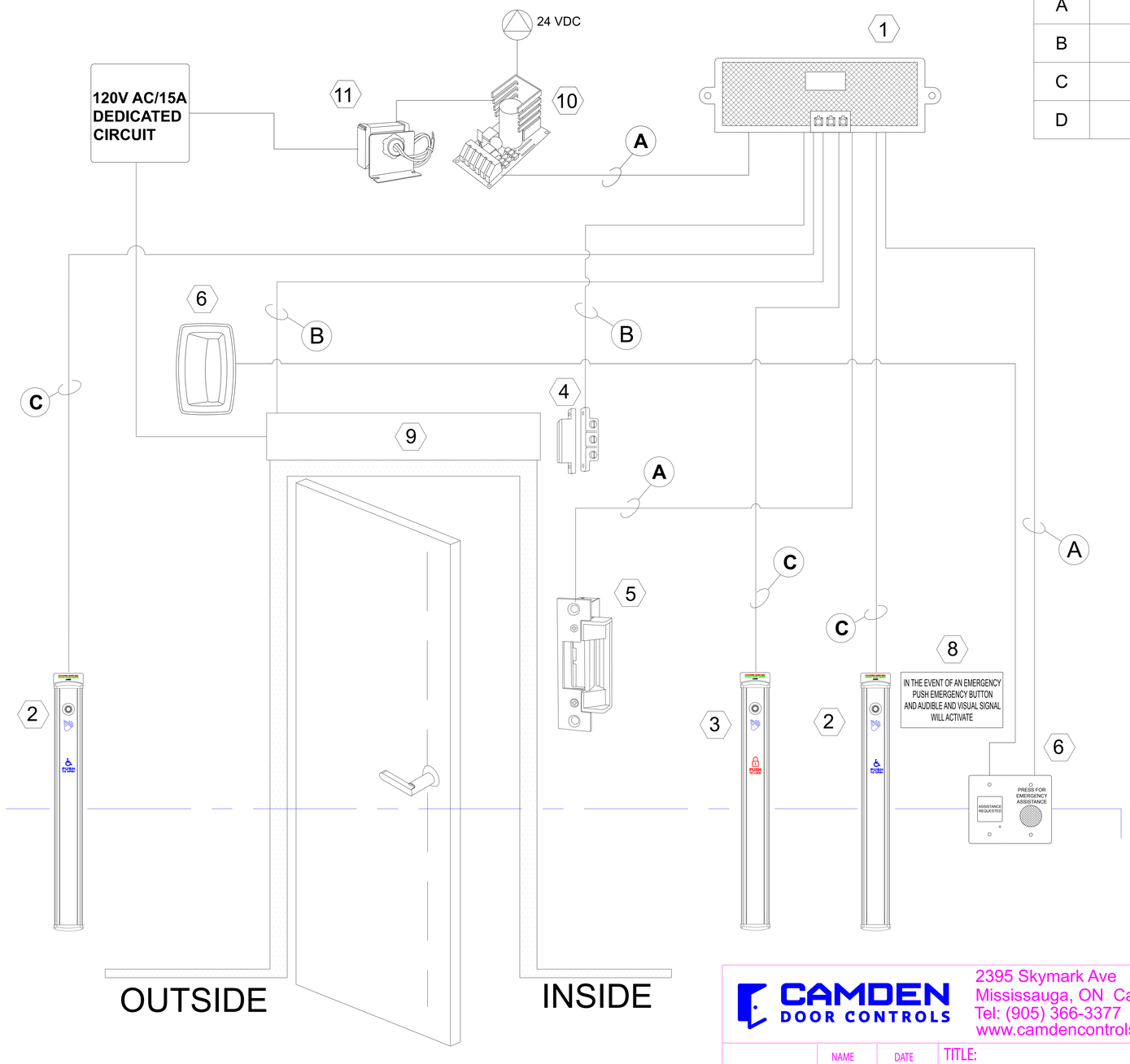
SYSTEM OPERATION

CX-WC18SLVR OPERATION:

A. THE DOOR IS NORMALLY CLOSED AND UNLOCKED.
B. OPERATING THE EXTERIOR ACTIVE SWITCH OPENS THE DOOR.
C. ONCE THE DOOR IS CLOSED, PRESSING THE INTERIOR "PUSH TO LOCK" SWITCH LOCKS THE DOOR, REMOVES THE EXTERIOR SWITCH FROM THE CIRCUIT AND CHANGES THE LED FROM GREEN TO RED.
D. PRESSING THE INTERIOR 'WHEELCHAIR' SYMBOL AND 'PUSH TO OPEN' COLUMN SWITCH UNLOCKS AND OPENS THE DOOR, RESETTING THE SYSTEM.
E. IF THE DOOR IS OPENED MANUALLY TO EXIT THE RESTROOM, THE OVERHEAD MAGNETIC CONTACT SWITCH RESETS THE SYSTEM.

EMERGENCY CALL SYSTEM OPERATION:

F. THE ' PRESS FOR EMERGENCY ASSISTANCE' MUSHROOM PUSH BUTTON IS ACTIVATED BY THE OCCUPANT.
G. THIS ENERGIZES THE LED ANNUNCIATOR AND SOUNDER WITHIN THE WASHROOM, AND THE DOME LIGHT WITH SOUNDER OUTSIDE THE WASHROOM.
H. BOTH ANNUNCIATORS WILL BE ENERGIZED UNTIL THE LATCHING MUSHROOM PUSH BUTTON SWITCH IS PULLED OUT.



WIRE SPECIFICATION	
A	2 x 18 AWG
B	2 x 22 AWG
C	6 x 20 AWG
D	8 x 22 AWG

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	NAME	DATE
DRAWN	A.OLISA	MAR-25
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE: Riser Diagram

SIZE B | DWG. NO. CX-WC18SLVR & CX-WEC10K2_Riser | REV

SCALE: N/A | SHEET 1 OF 1