



NOTES:

- DESIGN IS BASED ON SQUARE-D CLIPSAL LIGHTING CONTROL SYSTEM. CONTRACTOR SHALL SUBMIT REVISED WIRING DIAGRAM AND BILL OF MATERIAL FOR REVIEW IF INSTALLING LIGHTING CONTROL SYSTEM FROM ANOTHER VENDOR AT NO ADDITIONAL COST. THE LIGHTING CONTROL SYSTEM SHALL MEET THE INTENT OF DESIGN.
- C-BUS WIRING ARE CAT-6 CABLE IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.
- MULTIPLE CABLES ARE GROUPED TOGETHER FOR CLARITY.
- SERIAL CABLE PROVIDED BY VENDOR FOR COMMUNICATION BETWEEN THE DEVICE ROUTER AND NF3000G3C CONTROLLER. CONTRACTOR SHALL SIZE AND INSTALL THE CONDUIT FOR SERIAL CABLE PER NEC AND ELECTRICAL SPECIFICATIONS.
- BUTTON 1 SHALL CONTROL LIGHTING CIRCUITS "a" IN COMBINATION WITH THE LIGHT LEVEL SENSOR "PC1". BUTTON 2 SHALL CONTROL LIGHTING CIRCUITS "b". BUTTON 3 SHALL CONTROL LIGHTING CIRCUITS "c". BUTTON 4 SHALL BE MASTER ON/OFF AND SHALL CONTROL ALL LIGHTING CIRCUITS IN THE ROOM.
- INSTALL POWERLINK REMOTELY OPERATED ECB-G3 CIRCUIT BREAKERS (CAT # ECB14020G3) FOR CIRCUITS 4, 13, 14, 15, 16, AND 26. INSTALL POWERLINK G3 CONTROL BUS (CAT # NF12SBLG3) TO PROVIDE INTERFACE BETWEEN THE SYSTEM CONTROLLER AND REMOTELY OPERATED CIRCUIT BREAKERS.

LOW-VOLTAGE LIGHTING CONTROL DIAGRAM 3

NTS



SYMBOL	DESCRIPTIONS	DATE	APPROVAL

EASTERN MUNICIPAL WATER DISTRICT
PERRIS II DESALINATION FACILITY
PERRIS, CALIFORNIA
LOW VOLTAGE LIGHTING CONTROLS

DESIGNED BY: A. MATHEWS
DRAWN BY: J. HAWKER
CHECKED BY: R. DENTON

U.S. ARMY ENGINEER DISTRICT
LOS ANGELES
CORPS OF ENGINEERS

ART. JUNG, P.E.
CHIEF, DESIGN BRANCH

L.A. DISTRICT FILE NO. XXX-XXXX

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