

LC4

CONTROLLED BY A LIGHTING CONTROL PANEL IF OVERRIDE SWITCH IS NOT PRESENT. THE LIGHTING FIXTURES ARE CONNECTED TO A LOW VOLTAGE RELAY THAT CONVERTS A

CONTACT CLOSURE TO A DIGITAL SIGNAL. THE DIGITAL SIGNAL USES CAT5e CABLE GOING

AND ARE CONTROLLED BY THE LCP IF OVERRIDE SWITCH IS NOT PRESENT. THE LIGHTING

LIGHTING CONTROL PANEL (LCP). THE LCP HAS A TIME CLOCK FOR SCHEDULING ON/OFF

CLOSURE TO A DIGITAL SIGNAL. THE DIGITAL SIGNAL USES CAT5e CABLE GOING BACK TO A

FIXTURES ARE CONNECTED TO A LOW VOLTAGE RELAY THAT CONVERTS A CONTACT

B. THE AREAS WITH TYPE "B1" AND "B1E" FIXTURES ARE NON-HAZARDOUS CLASSIFICATION

C. OUTDOOR COVERED CANOPY AREA IS DESIGNATED WITH IN THE FIXTURES PROVIDING

D. OFFICE SPACE, RESTROOMS, LOCKER, AND BREAK ROOMS ARE STAND-ALONE SENSOR

E. THE ELECTRICAL, MECHANICAL, AND TELECOM ROOMS DO NOT HAVE ANY CONTROLS

CONTROLLED WITH OVERRIDE SWITCHES. THEY ARE NOT CONNECTED TO THE LCP SO

DAYLIGHT CONTROL. THEY CAN ALSO BE PLACED ON A TIME SCHEDULE.

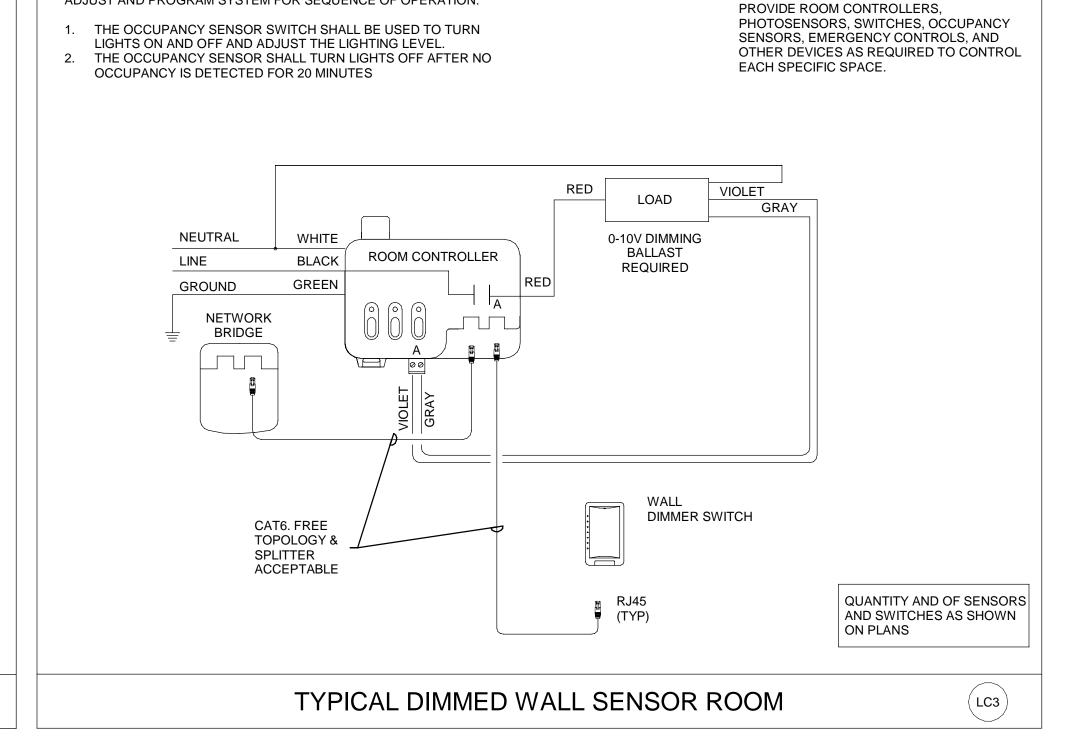
BACK TO A LIGHTING CONTROL PANEL (LCP). THE LCP HAS A TIME CLOCK FOR SCHEDULING

LIGHTING CONTROL SCHEME

AND DIM IF NEEDED.

THEY DO NOT HAVE A TIME SCHEDULE.

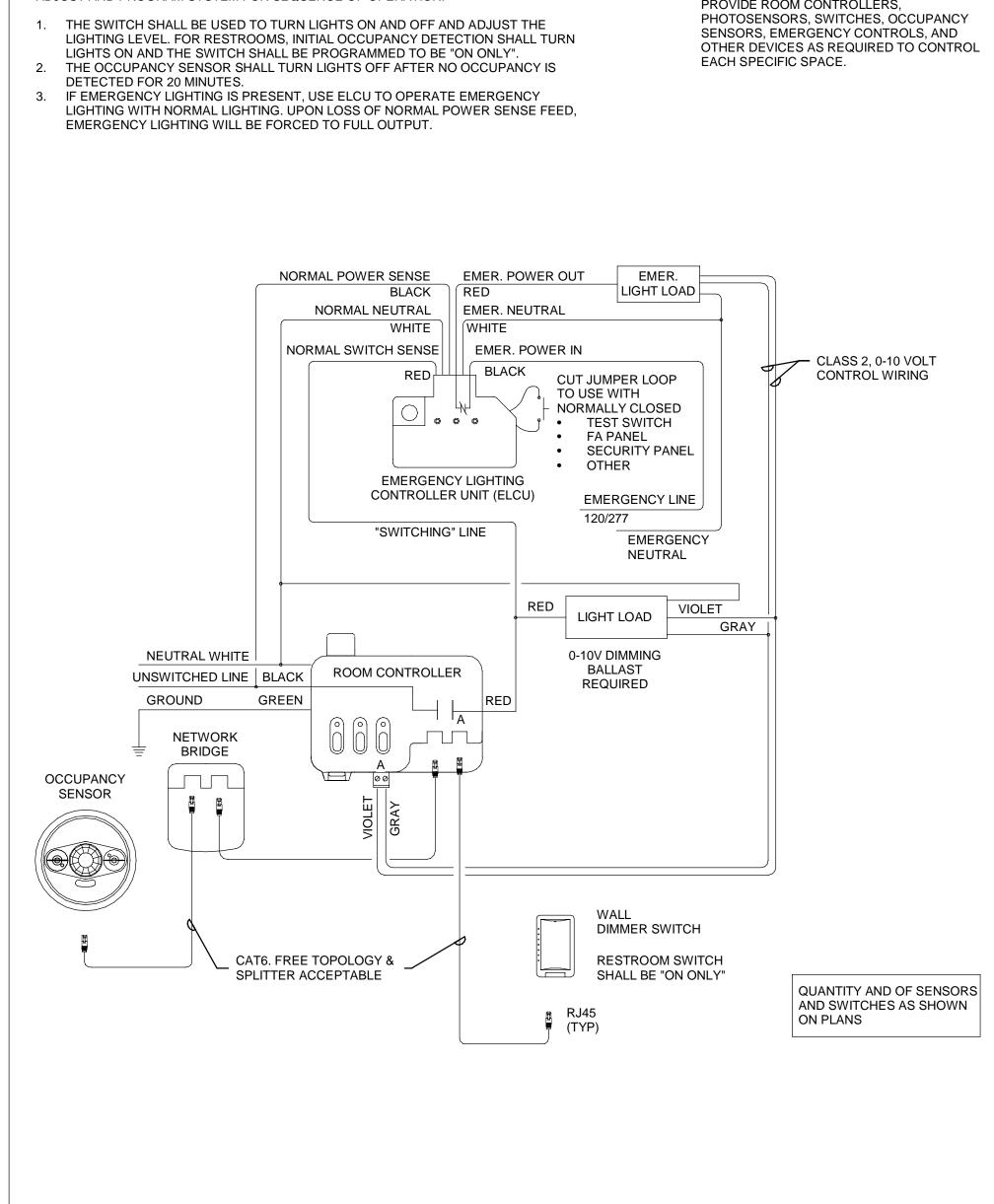
OTHER THAN A STANDARD ON/OFF TOGGLE SWITCH.



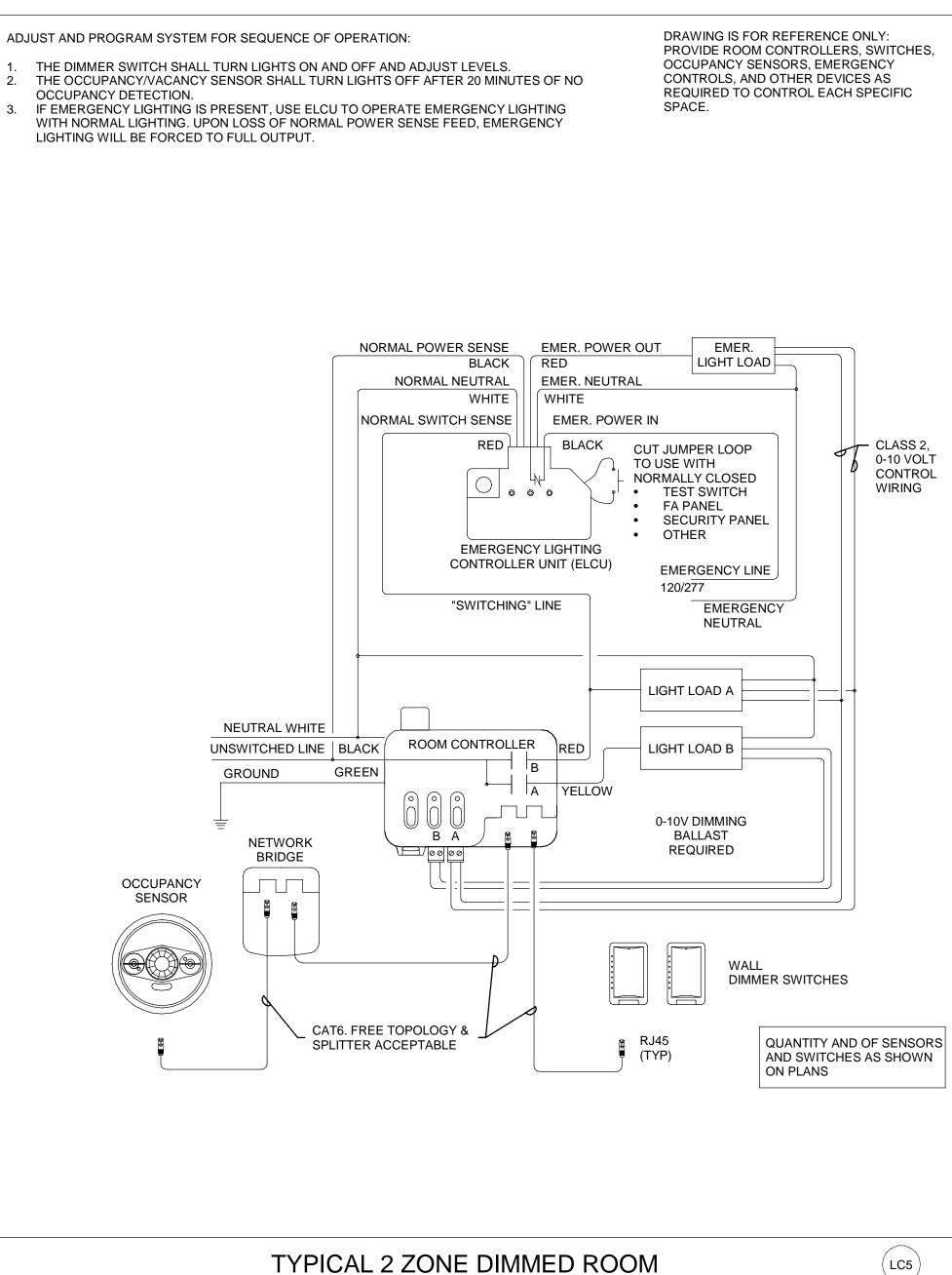
ADJUST AND PROGRAM SYSTEM FOR SEQUENCE OF OPERATION:

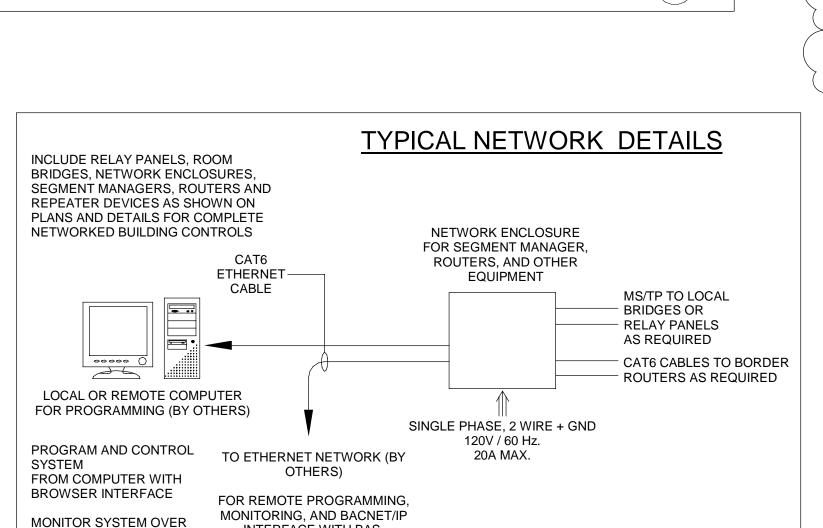
(LC2)

DRAWING IS FOR REFERENCE ONLY:



TYPICAL 1 ZONE DIMMED ROOM





INTERFACE WITH BAS.

DIRECT CONNECTION TO BAS ALSO

POSSIBLE

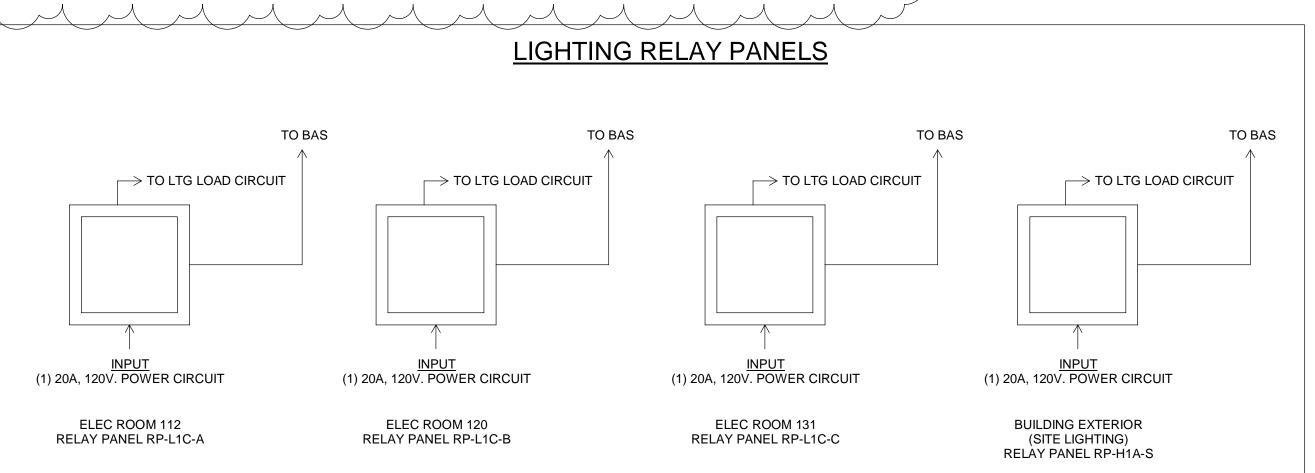
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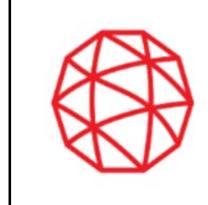
BMS CONTROL AND

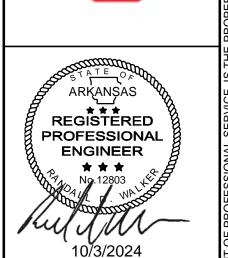
OCCUPANCY STATUS



- LOW VOLTAGE TERMINATIONS, SYSTEM EMERGIZATION, PROGRAMMING AND TRAINING PROVIDED BY FACTORY SERVICE TECHNICIAN. SUBMIT REQUEST FOR TECHNICIAN 21 DAYS IN ADVANCE.
- FOR NETWORK RUNS OVER 300', FIBER OPTIC MAY BE REQUIRED, OR AN INTERIM SWITCH WILL NEED TO BE INSTALLED. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL NETWORK CABLE DISTANCE RUNS AND FOR NOTIFYING THE MANUFACTURER OF ADDITIONAL EQUIPMENT NEEDED FOR FIBER OR INTERIM SWITCHES. CONTRACTOR IS RESPONSIBLE FOR ALL
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING BETWEEN THE FIXTURE MANUFACTURER(S) AND THE LIGHTING CONTROLS SUPPLIER TO ENSURE THAT ALL CONTROLLERS, CABLING, REPEATERS, TERMINATORS, POWER SUPPLIES, AND ANY OTHER COMPONENTS NEEDED FOR A COMPLETE AND WORKING SYSTEM ARE INCLUDED
- THE ELECTRICAL CONTRACTOR WILL VERIFY BALLAST AND DRIVER TYPES FOR ALL FIXTURES AND PROVIDE THAT INFORMATION TO THE LIGHTING CONTROLS MANUFACTURER. FOR NEW OR UNKNOWN FIXUTRE/DRIVER COMBINATIONS, IT MAY BE NECESSARY TO SEND A SAMPLE TO THE CONTROLS MANUFACTURER SO THAT THE OPTIMAL DIMMING CONFIGURATION MAY BE DETERMINED.
- REFER TO PANEL SCHEDULES FOR FINAL DETERMINATION OF RELAYS AND QUANTITIES







SHEET NO E-501

SCALE As indicated 09/18/2024 D3754502 CMDN-OSD_GMLRS_E

Autodesk Docs://US_D3754500_FED_Aerojet Rocketdyne/D37545N0_CMDN_OSD_GMLRS_ELEC.rvt

OCCUPANCY SENSOR GENERAL NOTES

INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.

AND MOUNT AT SIMILAR HEIGHT ABOVE FINISHED FLOOR.

FOLLOW MANUFACTURER'S RECOMMENDED PLACEMENT.

MAY BE CONTROLLED BY ONE ROOM CONTROLLER.

REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.

I. INSTALL CEILING MOUNTED SENSORS CENTERED IN THE CEILING TILE.

HVAC SUPPLY AND RETURN GRILLES.

MINUTE DELAY ON SHUT-OFF.

LIMITATION.

A. ALL SENSOR LOCATIONS SHOWN ARE APPROXIMATE. REFER TO MANUFACTURER'S

B. ULTRASONIC CEILING MOUNT SENSORS SHOULD BE A MINIMUM OF (6) FEET FROM

C. ADJUST ALL SENSORS TO COMPENSATE FOR PENDANT MOUNTED LIGHT FIXTURES

D. ADJUST SENSITIVITY AND TIME DELAY SETTINGS FOR ALL NON-ADAPTIVE SENSORS

E. ALL SENSORS LOCATED IN PUBLIC TOILETS SHOULD BE ADJUSTED FOR MINIMUM 30

RELAYS (ROOM CONTROLLERS). PROVIDE ONE RELAY FOR EACH CONTROLLED AREA.

FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR QUANTITY OF SENSORS THAT

G. PROVIDE AUXILIARY CONTROLLERS AS REQUIRED IF SENSORS EXCEED CONTROLLER

H. SENSORS MOUNTED OVER DOORWAYS SHOULD BE LOCATED 1'-0" INSIDE THRESHOLD.

J. CONTRACTOR TO SUBMIT FACTORY LAYOUT OF ALL SENSORS AND AUXILIARY DEVICES

K. AREAS CONTROLLED BY THE NETWORKED CONTROLS SHALL HAVE NETWORKED

L. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL POWER PACKS NECESSARY REGARDLESS OF WHETHER THEY ARE INDICATED ON THE DRAWINGS.

F. CONTRACTOR MUST FIELD VERIFY REQUIRED NUMBER OF OCCUPANCY SENSOR

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