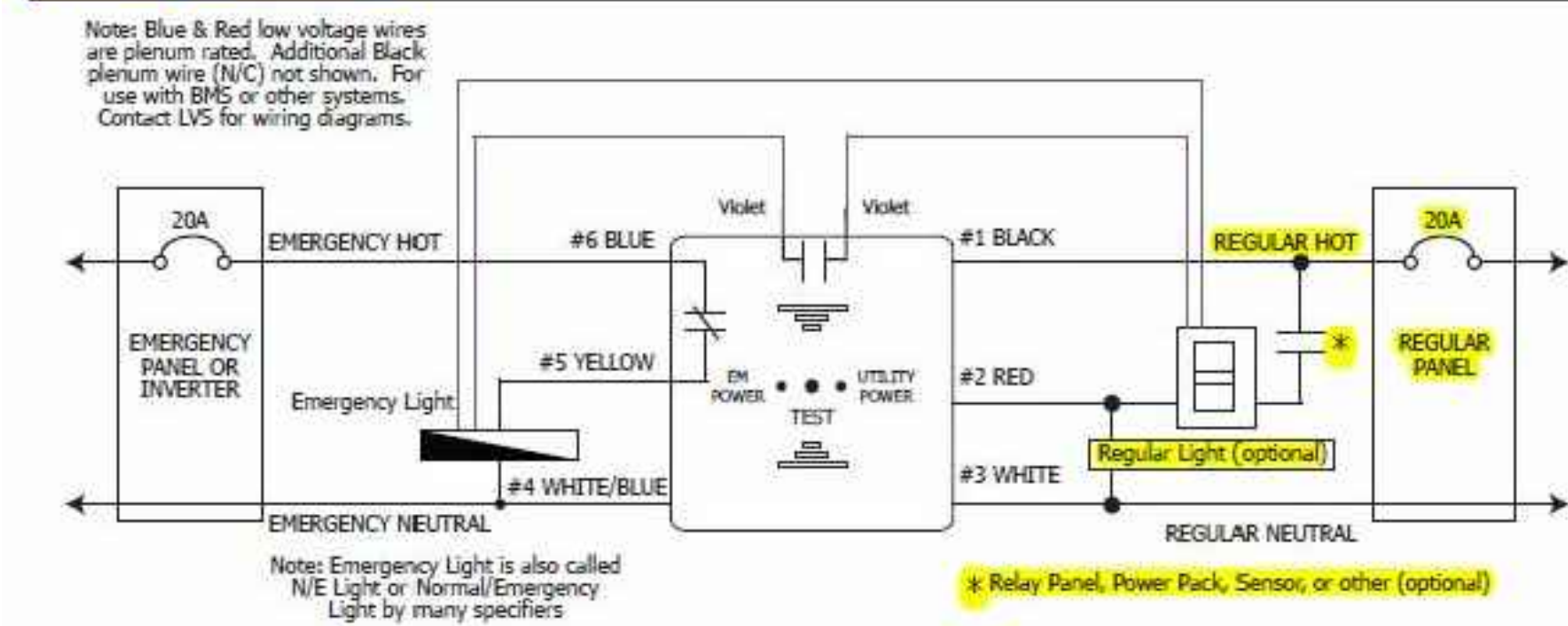
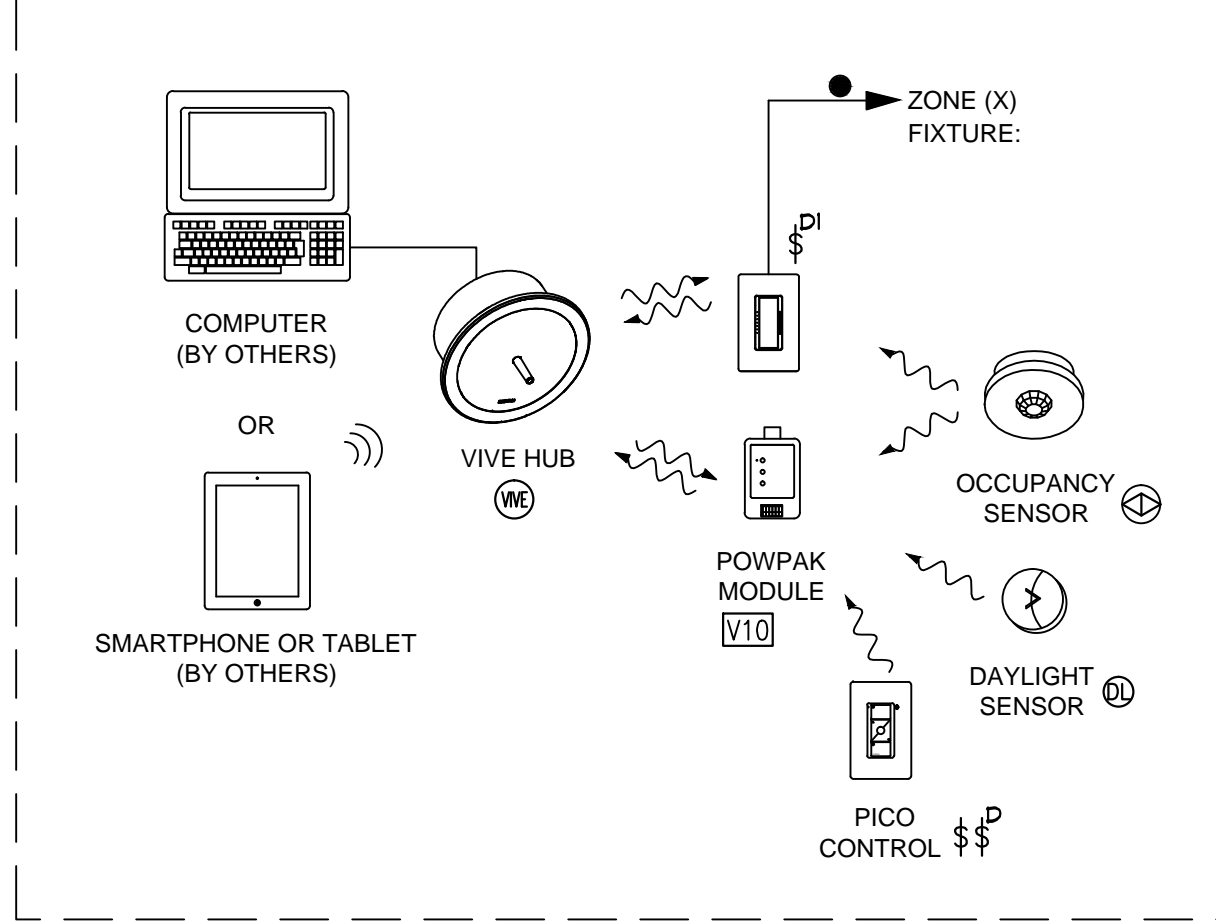


WIRING DIAGRAM



UL924 WIRING DIAGRAM
NO SCALE

TYPICAL VIVE SYSTEM COMPONENT CONNECTIVITY DIAGRAM



LOCAL LIGHTING CONTROL - SYMBOL LEGEND

SYMBOL	DESCRIPTION
Ⓜ	VIVE WIRELESS HUB W/BACNET & TIMELOCK MODEL#: HUS-2-FM PROVIDE WITH HUB POWER SUPPLY: #PS-J-20W-UNV RF RANGE: 71 FT RADIUS (TO ALL CONNECTED DEVICES)
Ⓢ	WIRELESS OCCUPANCY/VACANCY SENSOR MODEL#: LRF2-OC2B-P-WH SENSOR RANGE: 500 SOFT, 360 DEG
Ⓣ	WIRELESS DAYLIGHT SENSOR MODEL#: LRF2-DCRB-WH MOUNT: 1-2 TIMES WINDOW HEIGHT
Ⓝ	WIRELESS DIMMER (ON/OFF, RAISE/LOWER, PRESET) MODEL#: PUJ-3BRL-CXX-L01 PROVIDE WITH CLARO STYLE SCREWLESS WALLPLATE
Ⓞ	MAESTRO WIRELESS DIMMER (ON/OFF, RAISE/LOWER) MODEL#: MRF2S-SCL-WH PROVIDE WITH CLARO STYLE SCREWLESS WALLPLATE 150W DIMMABLE CFL/LED; 600W INCAND./HALOGEN 1-GANG BACKBOX REQUIRED
Ⓜ	VIVE DIMMING MODULE (0-10V DIMMING) MODEL#: RMS-8T-DV-B CAPACITY: 8 AMP; RF RANGE: 30 FT RADIUS TO SENSORS
Ⓜ	VIVE SWITCHING MODULE (SOFTSWITCH) MODEL#: RMS-SRF-DV-B CAPACITY: 5 AMP; RF RANGE: 30 FT RADIUS TO SENSORS

LOCAL LIGHTING CONTROL - SEQUENCE OF OPERATION:

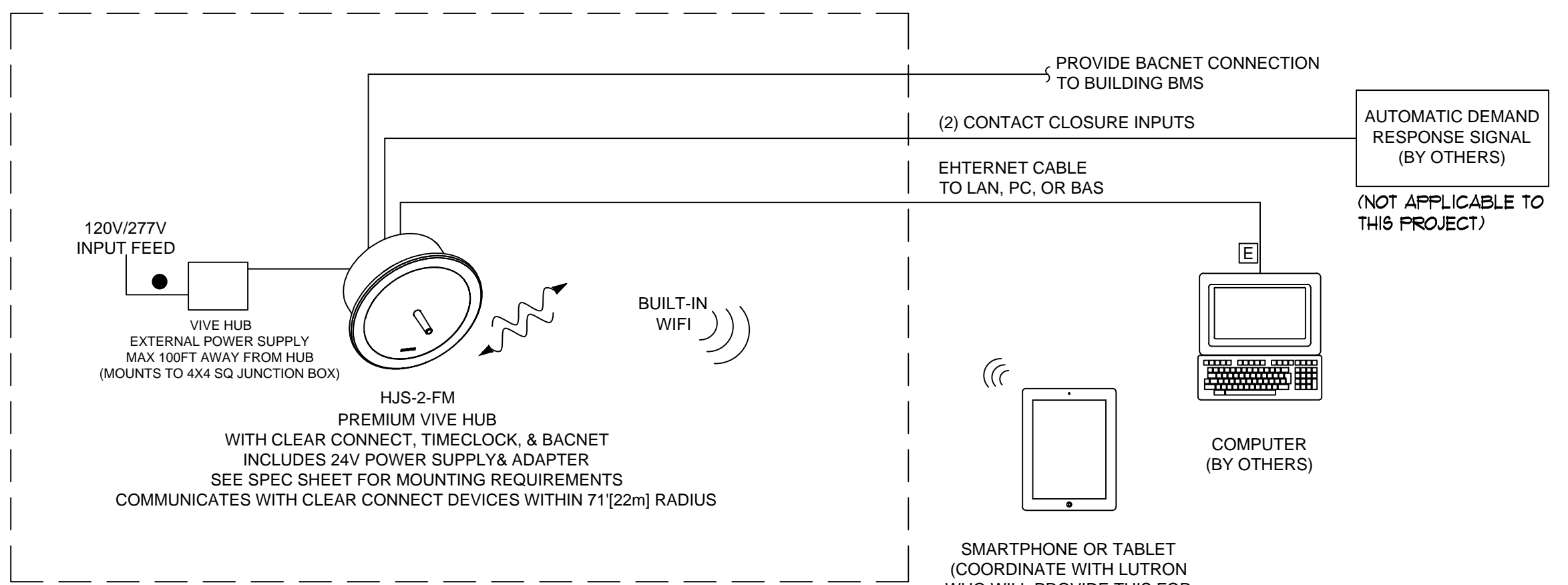
ROOM/SPACE TYPE	OCCUPANCY, VACANCY, OR NONE	DESCRIPTION	TRIM (FT-CD)
OPEN OFFICE / TOUCHDOWN	OCCUPANCY	ENTER SPACE AND OCCUPANCY SENSORS TURN LIGHTS ON. MANUAL OVERRIDE AVAILABLE FOR ON/OFF OR DIMMING CONTROL. EXIT SPACE AND LIGHTS TURN OFF AFTER PRE-DEFINED TIMEOUT PERIOD.	HI LO 40 20
PRIVATE OFFICE	VACANCY	ENTER SPACE AND PRESS MANUAL DIMMER SWITCH TO TURN LIGHTS ON. MANUAL OVERRIDE AVAILABLE FOR ON/OFF OR DIMMING CONTROL. EXIT SPACE AND LIGHTS TURN OFF AFTER PRE-DEFINED TIMEOUT PERIOD OR BY THE MANUAL SWITCH.	30 N/A
CONFERENCE / MEET-UP/Huddle/ FOCUS/TRAINING/ VIDEO CONF	VACANCY	ENTER SPACE AND PRESS MANUAL DIMMER SWITCH(ES) TO TURN LIGHTS ON. MANUAL OVERRIDE AVAILABLE FOR ON/OFF OR DIMMING CONTROL OF EACH DEFINED ZONE. EXIT SPACE AND LIGHTS TURN OFF AFTER PRE-DEFINED TIMEOUT PERIOD OR BY THE MANUAL SWITCH.	30 N/A
WELLNESS	VACANCY	ENTER SPACE AND PRESS MANUAL DIMMER SWITCH(ES) TO TURN LIGHTS ON. MANUAL OVERRIDE AVAILABLE FOR ON/OFF OR DIMMING CONTROL OF EACH DEFINED ZONE. EXIT SPACE AND LIGHTS TURN OFF AFTER PRE-DEFINED TIMEOUT PERIOD OR BY THE MANUAL SWITCH.	20 N/A
CAFE/PANTRY/VENDING	NONE	TIME OF DAY PRE-PROGRAMMED CONTROL TO HAVE LIGHTS ON DURING NORMAL BUSINESS HOURS. AFTER BUSINESS HOURS THE SYSTEM TO AUTOMATICALLY TURN LIGHTS OFF. LOCAL OVERRIDE SWITCH TO PROVIDE ON/OFF AND DIMMING CONTROL.	20 N/A
COPY/STORAGE/COATS	OCCUPANCY	ENTER SPACE AND OCCUPANCY SENSORS TURN LIGHTS ON. MANUAL OVERRIDE AVAILABLE FOR ON/OFF CONTROL ONLY. EXIT SPACE AND LIGHTS TURN OFF AFTER PRE-DEFINED TIMEOUT PERIOD.	30 (COPY) 15 (STOR)
CORRIDORS / PUBLIC SQUARES /CIRCULATION	NONE	TIME OF DAY PRE-PROGRAMMED CONTROL TO HAVE LIGHTS ON DURING NORMAL BUSINESS HOURS. AFTER BUSINESS HOURS THE SYSTEM TO AUTOMATICALLY TURN LIGHTS OFF. LOCAL OVERRIDE SWITCH TO PROVIDE ON/OFF AND DIMMING CONTROL.	20 N/A
RESTROOM/ LOCKER ROOM	OCCUPANCY	ENTER SPACE AND OCCUPANCY SENSORS TURN LIGHTS ON. MANUAL OVERRIDE AVAILABLE FOR ON/OFF CONTROL ONLY. EXIT SPACE AND LIGHTS TURN OFF AFTER PRE-DEFINED TIMEOUT PERIOD.	20 N/A
BOH (ELEC/ MECH/TELE)	NONE (EXISTING)	ENTER SPACE AND MANUAL SWITCH TURN LIGHTS ON. MANUAL OVERRIDE AVAILABLE FOR ON/OFF CONTROL ONLY. EXIT SPACE AND LIGHTS TURN OFF BY THE MANUAL SWITCH.	N/A N/A

ADDITIONAL NOTES:
 - OCCUPANCY SENSOR MODE = AUTO ON / AUTO OFF
 - VACANCY SENSOR MODE = MANUAL ON / AUTO OFF
 - OCCUPANCY SENSOR TIMEOUT SHOULD BE SET TO 10 MINUTES, EXCEPT FOR RESTROOMS WHICH SHOULD BE SET TO 30 MINUTES.
 - PROGRAM H TRIM VALUE (IN FT CANDLES) TO CAP LIGHT OUTPUT IN A SPACE.
 - PROGRAM L0 TRIM VALUE (IN FT CANDLES), WHERE APPLICABLE TO LIMIT DIMMING IN A SPACE.
 - IN OFFICES, OPEN OFFICE, CONF, PANTRY SPACES FT-CD LEVEL TO BE TAKEN AT WORKSURFACE LEVEL.
 - ANY ROOM OR AREA ALONG THE BUILDING PERIMETER WITH WINDOWS IS TO HAVE DAYLIGHT RESPONSIVE CONTROLS THAT CHANGE THE LIGHT LEVEL OF THE SPACE UP OR DOWN TO MAINTAIN THE DESIRED FT-CANDLE LEVEL FOR THAT SPACE. FOR LARGE OPEN OFFICE AREAS THE DAYLIGHT ZONE SHALL BE ANY LIGHT FIXTURES WITHIN 15'-0" OF THE WINDOWS.

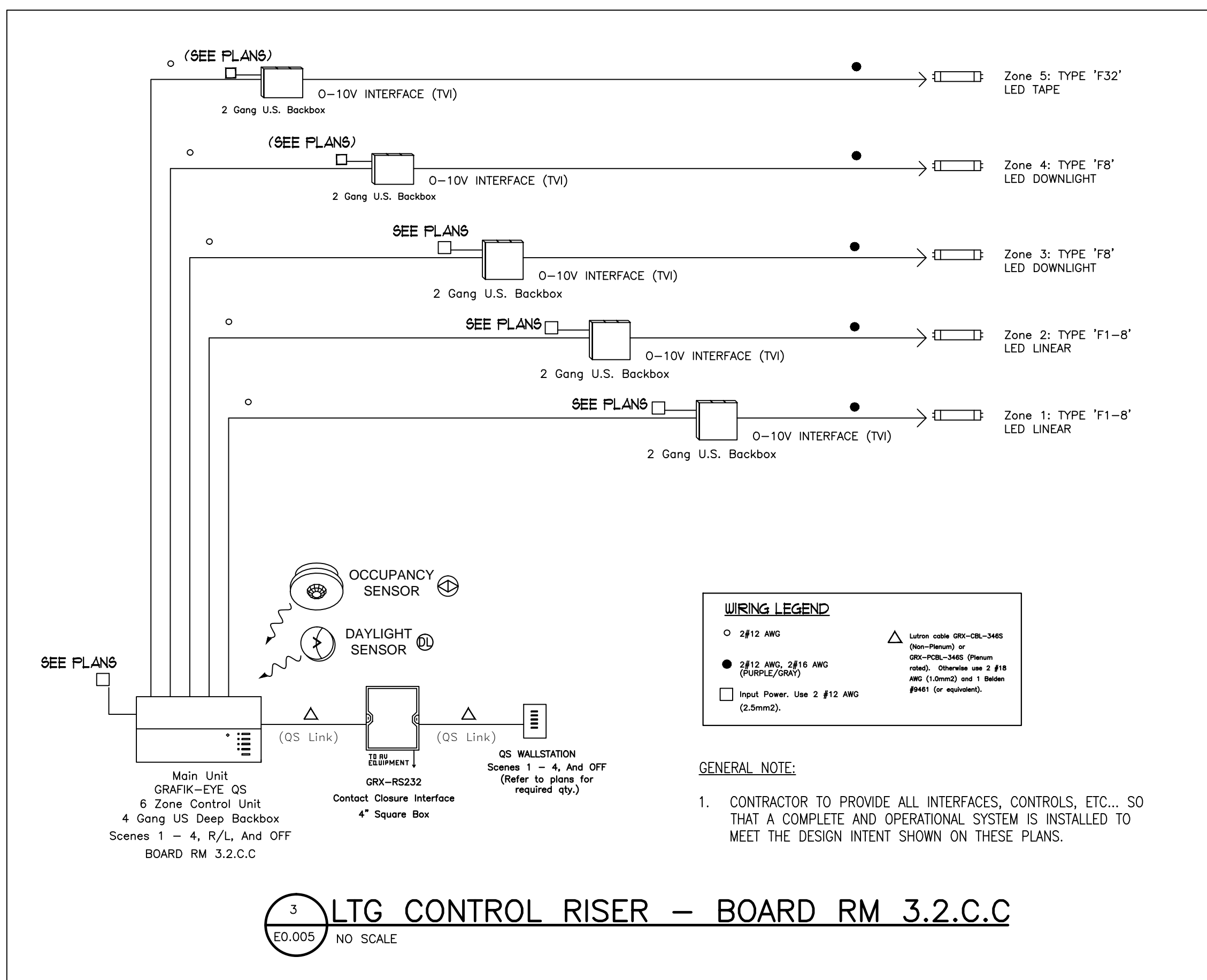
GENERAL NOTES:
(APPLY THIS SHEET ONLY)

- THE MAIN LIGHTING CONTROL SYSTEM IDENTIFIED IN RISER 1/E0.005 SHALL BE PROVIDED WITH FACTORY SETUP AND OWNER TRAINING. COORDINATE EXACT SCHEDULE AND SETUP WITH THE GENERAL CONTRACTOR SO THAT A FULLY FUNCTIONAL SYSTEM IS LEFT AT PROJECT TURNOVER TO THE OWNER.
- CONTRACTOR TO PROVIDE ALL INTERFACES, CONTROLS, ETC., SO THAT A COMPLETE AND OPERATIONAL SYSTEM IS INSTALLED TO MEET THE DESIGN INTENT SHOWN ON THESE PLANS.
- CONNECT ROOM CONTROLLER INPUT CIRCUIT TO ROOM'S LIGHTING CIRCUIT, UNO.
- REFER TO LOAD & DIMMING TYPE FOR EACH ZONE. PROVIDE EXPANSION MODULES AS NECESSARY TO ACCOUNT FOR THAT TYPE FIXTURE AND CONTROL REQUIREMENTS. REFERENCE THE LIGHTING FIXTURE SCHEDULE AND LIGHTING DESIGNER PACKAGE.

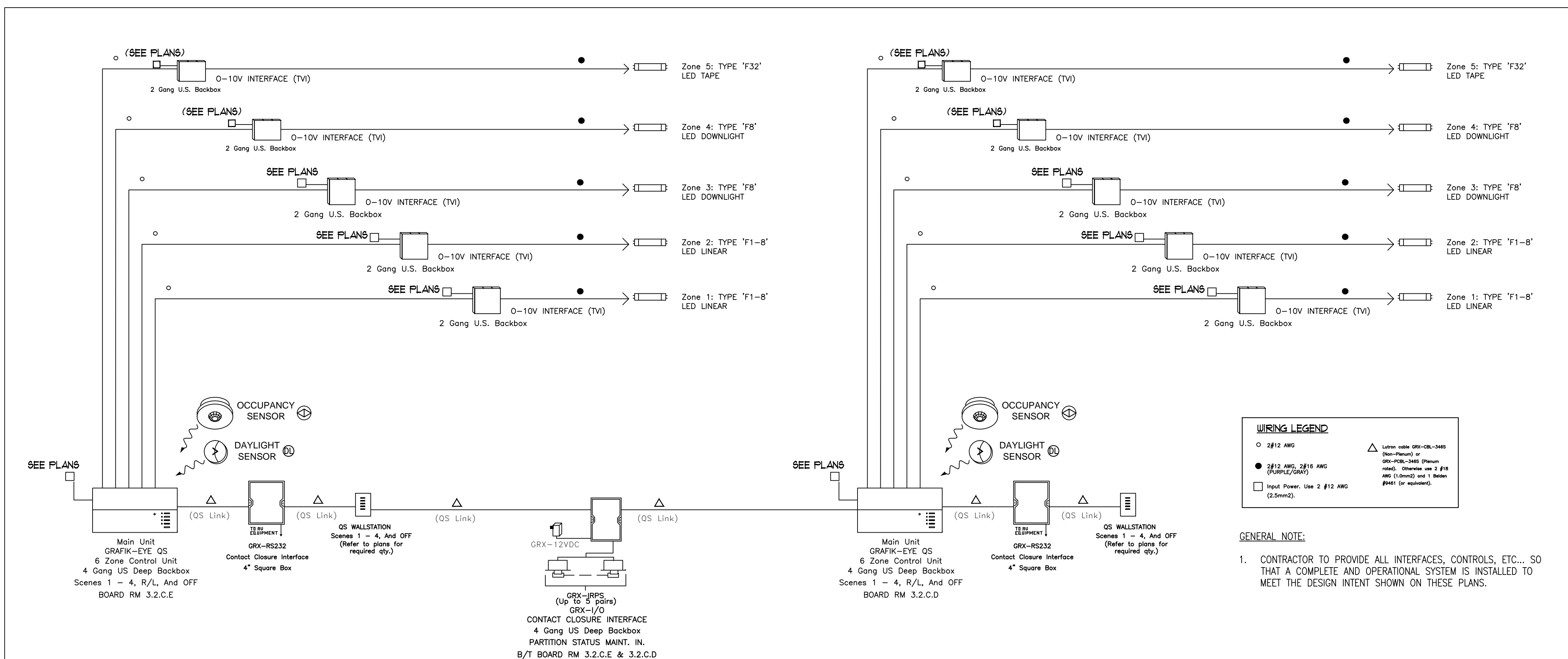
AS REQUIRED FOR SYSTEM DEVICE INTEGRATION (MIN 1 PER FLOOR WITH VIVE DEVICES - SEE PLANS FOR QUANTITY & LOCATIONS)



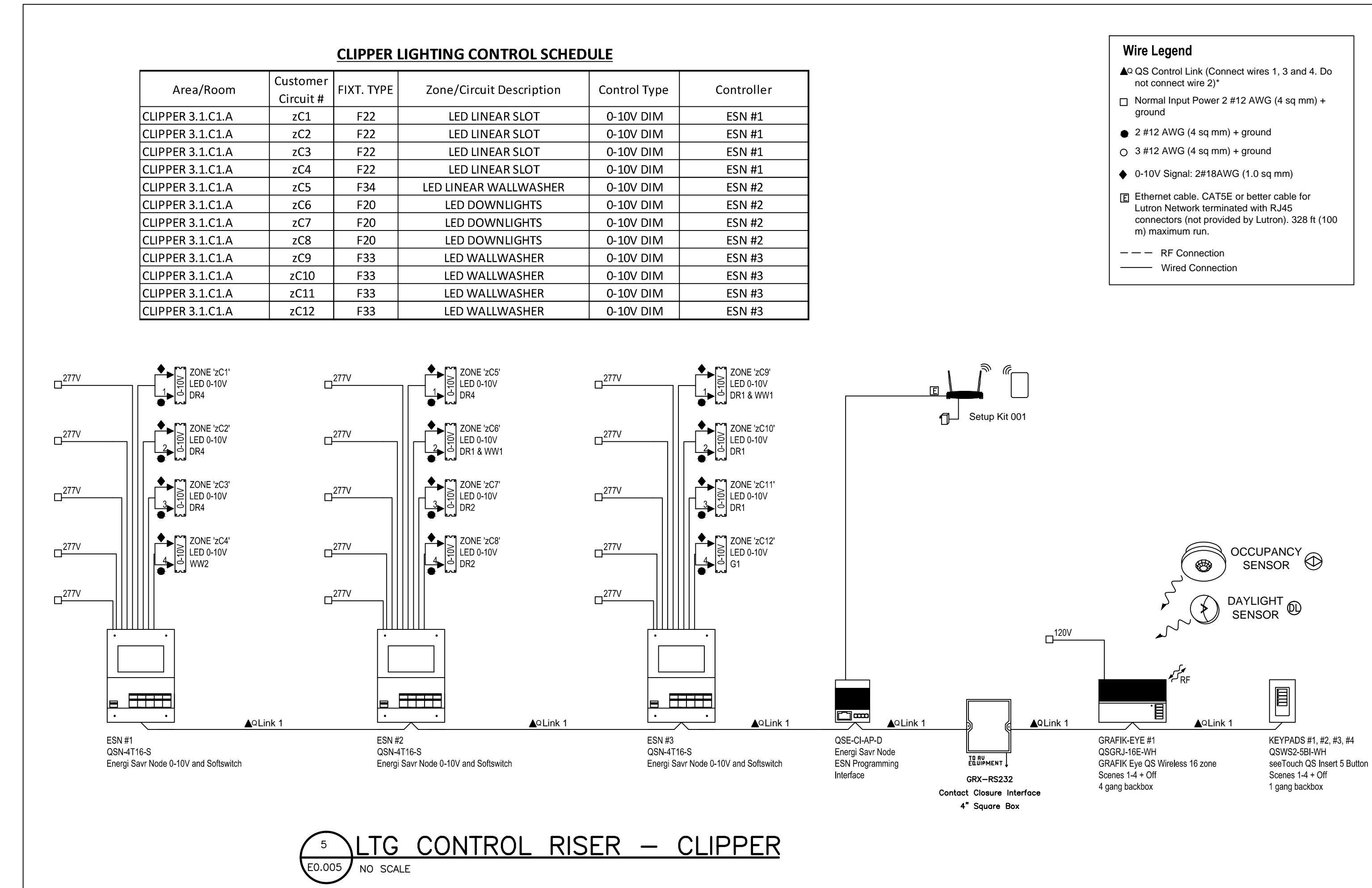
LTG CONTROL DETAILS - LUTRON VIVE
NO SCALE



LTG CONTROL RISER - BOARD RM 3.2.C.C
NO SCALE



LTG CONTROL RISER - BOARD RM 3.2.C.D & 3.2.C.E
NO SCALE



LTG CONTROL RISER - CLIPPER
NO SCALE

- RISER NOTES: (6/E0.005)**
- CONTRACTOR IS TO PROVIDE ALL PROGRAMMING REQUIRED FOR DELIVERY OF A COMPLETE AND OPERABLE SYSTEM RELATED TO THE LOBBY AND EXTERIOR LIGHTING. THIS INCLUDES AT A MINIMUM (6) PRESETS. FINAL PROGRAMMING TO BE COORDINATED WITH BUILDING OWNER.



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Date: 12/15/17
Description: ISSUE FOR PERMIT AND CONSTRUCTION

Project Name: 12/15/17
Unum Workplace Transformation - Phase 2 & 3 (HO2 & HO3)
Project Number: 59.6481.003
Description: LIGHTING CONTROL DETAILS

Scale: NO SCALE

E0.005