

GENERAL LIGHTING NOTES

1. REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITIONAL REQUIREMENTS OF WORK.
2. LIGHT FIXTURES INDICATED AS EMERGENCY FIXTURES ARE FUNCTIONING AS NIGHT LIGHTS UNLESS SPECIFICALLY SHOWN SWITCHED.
3. ALL CIRCUITING SHOWN ON THIS PLAN IS DIAGNOSTIC.
 - 3.1. ALL FIXTURES SHALL BE FED FROM JUNCTION BOXES WITH LIGHT FIXTURE WHIPS (<6'). DOWNTYPING OF FIXTURES IS NOT ALLOWED.
 - 3.2. SWITCH BOX LOCATIONS SHALL BE WIRED SO THAT A NEUTRAL WIRE IS AVAILABLE AT THE SWITCH LOCATION EITHER IN THE BOX OR IN THE WALL TO BE ADDED VIA PULL BOX OR AN ACCESSIBLE WALL CAVITY.
 - 3.3. WALL SWITCHES FOR SEPARATE LOAD TYPES (EM/NORMAL, 120/277V, ETC.) SHALL NOT BE IN A SINGLE BOX.
 - 3.4. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

LIGHTING PLAN KEYED NOTES

- ① ROOM CONTROLLER CONNECTED TO ZONE CONTROLLER FOR WHOLE BUILDING SHUTOFF CAPABILITY.
- ② ZONE CONTROLLER TO PROVIDE WHOLE BUILDING AFTER HOURS SHUT OFF FUNCTION TO LIGHTING PROGRAMMED VIA ROOM CONTROLLERS WITHOUT MOTION SENSORS.

LIGHTING CONTROLS

- ⚡ WALL SWITCH VACANCY SENSOR: PASSIVE INFRARED, 120/277V, WALL SWITCH DECORA STYLE SENSOR. (WATTSTOPPER PW-101, OR EQUAL)
- ⚡ ROOM CONTROLLER LOW VOLTAGE SWITCHES: PUSHBUTTON SWITCHES WITH LED PILOT LIGHT, SINGLE GANG IN DECORA STYLE FACEPLATE WITH UP TO EIGHT (8) CONTROLS. # REFERS TO QUANTITY OF SWITCHES ON FACE. (WATTSTOPPER LMSW SERIES, OR EQUAL)
- ⚡ ROOM CONTROLLER LOW VOLTAGE DIMMING SWITCHES: PUSHBUTTON SWITCHES WITH LED INDICATING LIGHTS, SINGLE GANG IN DECORA STYLE FACEPLATE. (WATTSTOPPER LMDM-101)
- ⚡ DIGITAL WALL SWITCH SENSOR: DIGITAL PASSIVE INFRARED, WALL SWITCH DECORA STYLE SENSOR. (WATTSTOPPER LMPW-101, OR EQUAL)
- ⚡ DIGITAL CEILING-MOUNTED MOTION SENSOR: DUAL TECHNOLOGY (PASSIVE INFRARED AND ULTRASONIC), DIGITAL, CEILING SENSOR. (WATTSTOPPER LMDX-100, OR EQUAL)
- ⚡ DIGITAL MOTION SENSOR FOR CORNER MOUNT: DUAL TECHNOLOGY (PASSIVE INFRARED AND ULTRASONIC), DIGITAL CORNER MOUNT SENSOR WITH WALL BRACKET. (WATTSTOPPER LMDX-100)
- ⚡ RCD: ROOM CONTROLLER: DIGITAL ON/OFF 0-10V DIMMING ROOM CONTROLLER. 120/277V INPUT. # INDICATES NUMBER OF RELAYS (STD 1-3, UNITS SHALL BE GANGED FOR MORE THAN 3 RELAYS/ZONES) (WATTSTOPPER LMRC-200 SERIES OR EQUAL)
- ⚡ RCF: ROOM CONTROLLER: FORWARD PHASE DIMMING ROOM CONTROLLER. 120/277V INPUT. # INDICATES NUMBER OF RELAYS (STD 1-2, UNITS SHALL BE GANGED FOR MORE THAN 2 RELAYS/ZONES) (WATTSTOPPER LMRC-220 SERIES OR EQUAL)
- ⚡ ZC: ZONE CONTROLLER: TIME CONTROLLER FOR DLM ROOM CONTROLLERS, 120V/277V. FOUR (4) DLM NETWORK OUTPUTS. (WATTSTOPPER LMZC-301, OR EQUAL)

OWNER TRAINING: PROVIDE FACTORY REPRESENTATIVE TRAINING TO OWNER FOR EACH LIGHTING CONTROL SYSTEM UTILIZED, INCLUDING PROGRAMMING FOR SCHEDULING AND OPERATION OF EACH ROOM PER OWNER DIRECTION. PROVIDE RECORD OF TIME DELAY SETTINGS ON ALL SENSOR DEVICES FOR OWNER USE.

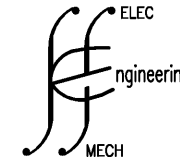
SENSOR ADJUSTMENTS AND SETTINGS: SYSTEMS SHALL BE SET/PROGRAMMED TO OPERATE TYPICALLY IN MANUAL ON/AUTO OFF MODE. SET WALL MOUNTED MOTION SENSOR TO MANUAL ON MODE. SET ROOM CONTROLLERS CONTROLLED BY CEILING MOTION SENSORS TO MANUAL ON AND CONTROL WITH DLM WALL SWITCH. PROVIDE AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS. LOW VOLTAGE WIRING NOT SHOWN ON PLANS FOR CLARITY. PROVIDE FINAL SETTINGS/ADJUSTMENTS PER OWNER'S DIRECTION.

ROOM CONTROLLER INSTALLATION: ROOM CONTROLLERS SHALL BE INSTALLED ABOVE CEILINGS OR IN OTHERWISE INCONSPICUOUS ACCESSIBLE LOCATIONS AS COORDINATED WITH ARCHITECT/OWNER.

FIRST FLOOR PLAN - LIGHTING
3/16" = 1'-0"

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95% CDS	12.22.2017
Permit Set	01.12.2018

LIGHTING PLAN

E101