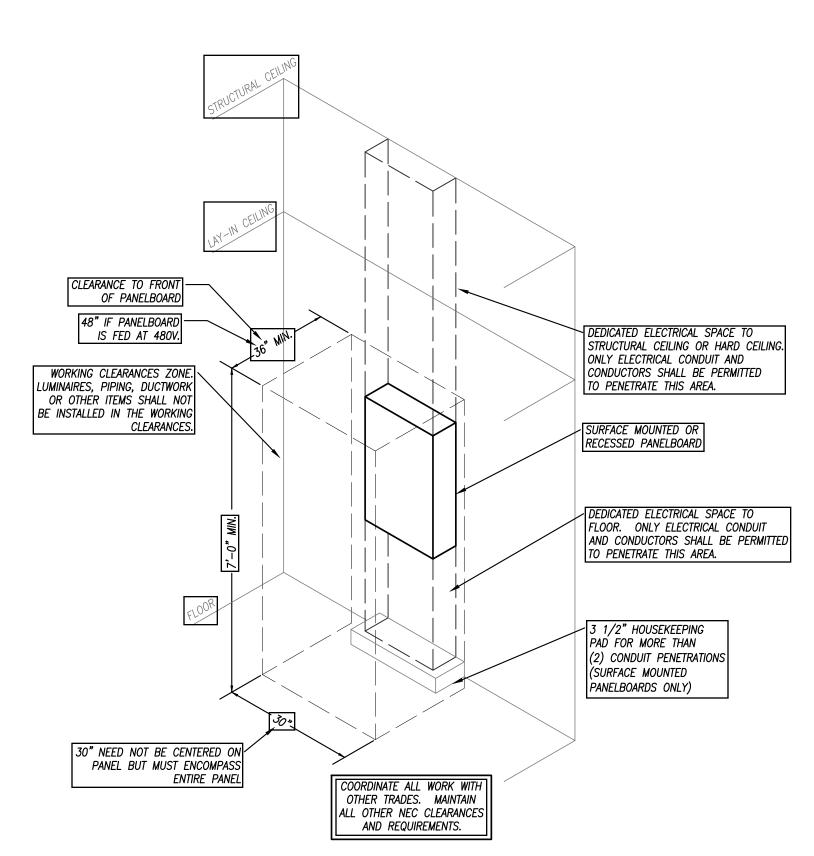


## **MOUNTING HEIGHTS FOR WALL-MOUNTED DEVICES**

NOT TO SCALE



TYPICAL PANELBOARD INSTALLATION DETAIL

NOT TO SCALE

| LIGHT FIXTURE SCHEDULE |                 |   |          |              |          |                        |          |         |
|------------------------|-----------------|---|----------|--------------|----------|------------------------|----------|---------|
| PLAN<br>MARK           | MANUFACTURER    | MODEL   | SIZE     | MOUNTING     | FINISH   | MIN LUMEN/MAX WATTS    | CRI/CCT  | NOTES   |
| A                      | JUSTICE DESIGN  | CER-6300-BIS-MBLK-INC                                   | <b>=</b> | PENDANT      | BLACK    | 8 WATTS                | <b>-</b> | 2       |
| B1                     | AXIS            | ED2-500-90-27-UB-4-BLK/BLK-120-DP-45D                   | 4'       | SUSPENDED    | BLACK    | 2,000 LUMENS/14 WATTS  | 90/2700K | 1       |
| B2                     | AXIS            | ED2-500-90-27-UB-2-BLK/BLK-120-DP-45D                   | 2'       | SUSPENDED    | BLACK    | 1,000 LUMENS/7 WATTS   | 90/2700K | 1       |
| <i>B3</i>              | AXIS            | SCD-300-90-27-FL-3-BLK-120-DP                           | 3'       | SUSPENDED    | BLACK    | 1,500 LUMENS/10 WATTS  | 90/2700K | 1       |
| C                      | DMF             | XCP-R-9-C-4-S-D-12-WF-0-00-00-27-BK-0                   | 3"       | PENDANT      | BLACK    | 1,250 LUMENS/15 WATTS  | 90/2700K | 1       |
| D                      | BASELITE        | D614-46-BLC   | <b>=</b> | SUSPENDED    | YELLOW   | 8 WATTS                | <b>-</b> | 1,2     |
| D1                     | BASELITE        | D614-46-STEM  | =        | PENDANT      | YELLOW   | 8 WATTS                |          | 1,2,3,4 |
| E                      | BASELITE        | MW529-41-CBLC   | =        | SUSPENDED    | BLACK    | 8 WATTS                | <b>=</b> | 1,2     |
| F                      | BASELITE        | P-HP1-41-STEM-FR3-CG1                                   | ⊟        | PENDANT      | BLACK    | 8 WATTS                | <b>=</b> | 1,2,3,4 |
| G                      | BASELITE        | WBC20-41-CABLE AND CORD MOUNT                           | <b>=</b> | SUSPENDED    | BLACK    | 8 WATTS                | <b>-</b> | 1,2     |
| H                      | BASELITE        | PEO-90-BLC  | ⊟        | SUSPENDED    | GREEN    | 8 WATTS                | <b>=</b> | 1,2     |
|                        | DIODE           | DI-24V-BLBSC2-27-SL-AL OMNI DRIVE X (ODX)               | =        | SURFACE      |          | 3 WATTS PER FT         | 90/2700K | 1       |
| J                      | NOT USED        |   |          |              |          |                        |          |         |
| K1                     | DMF             | M4NCRS/DRD2M-12-927-FL-A/M4TRS-BK                       | 4"       | RECESSED     | BLACK    | 1,250 LUMENS, 14 WATTS | 90/2700K | 1       |
| K2                     | DMF             | M4NCRS/DRD4M-10-927-FL-A/M4TRS-BK                       | 4"       | RECESSED     | BLACK    | 1,000 LUMENS, 12 WATTS | 90/2700K | 1       |
| L                      | JUNO            | T381-G2-27K-90-PDIM-FL-BL-HCLBL200                      |          | TRACK        | BLACK    | 1,000 LUMENS, 11 WATTS | 90/2700K | 1,5     |
| M                      | LITHONIA        | 2GTL-2-40L-FW-LP840                                     | 2X2      | RECESSED     | WHITE    | 4,000 LUMENS, 35 WATTS | 80/4000K | 1       |
| N                      | JUNO            | IC1JB-JSF-13IN-18LM-30K-90-120FRPC-WH                   | 13"      | SURFACE      | WHITE    | 1,800 LUMENS, 20 WATTS | 90/3000K | 1       |
| P                      | BASELITE        | SFM1-41-WJB41/2-FR3-CG1                                 | □        | SURFACE      | BLACK    | 8 WATTS                |          | 1,2     |
| Q                      | ELECTRIC MIRROR | EMINENCE 24WX36H<br>EMN3-24X36-01L-OS-RC6.0-TD2-WG3-30K | =        | SURFACE WALL | <b>=</b> | 81 WATTS               | 90/3000K | 1       |
| X1                     | LITHONIA        | EDG-1-GMR / ELA-US12                                    | <b>=</b> | PENDANT      | <b>-</b> | <b>=</b>               | <b>-</b> | 1,6     |
| X2                     | LITHONIA        | EDG-1-GMR   |          | SURFACE      |          |                        |          | 1,6     |
| X3                     | [LITHONIA]      | WLTE-B-1-G  | <b>=</b> | SURFACE WALL | BLACK    |                        |          | 1,3,4,6 |

PROVIDE DIMMABLE LED DRIVER UNIVERSAL VOLTAGE

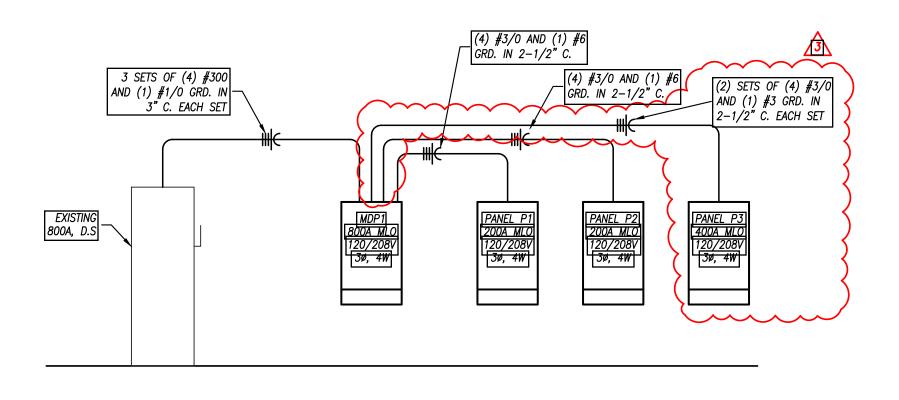
PROVIDE WITH PHILIPS 8W, A19 WARM GLOW LED DIMMABLE BULB.

PROVIDE WET LOCATION RATED FIXTURE.

PROVIDE COLD LOCATION RATED BALLAST.

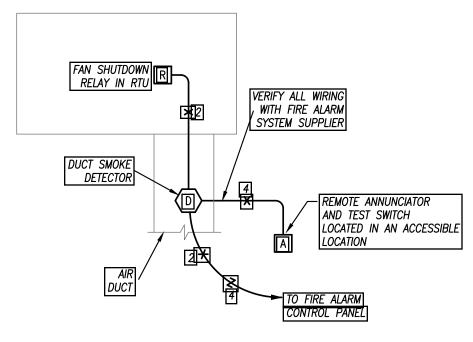
[5.] PROVIDE 1 CIRCUIT SURFACE TRACK — REFER TO PLANS FOR TRACK LENGTH AND CONFIGURATION. PROVIDE ALL NECESSARY POWER FEEDS AND ACCESSORIES FOR COMPLETE INSTALLATION. TRACK AND COMPONENT FINISHES TO MATCH FIXTURE. PROVIDE EACH TRACK RUN WITH 3 AMP CURRENT LIMITER.

PROVIDE EMERGENCY BATTERY MINIMUM OF 1000 LUMENS FOR 90 MINUTES



ELECTRICAL RISER DIAGRAM

NO SCALE



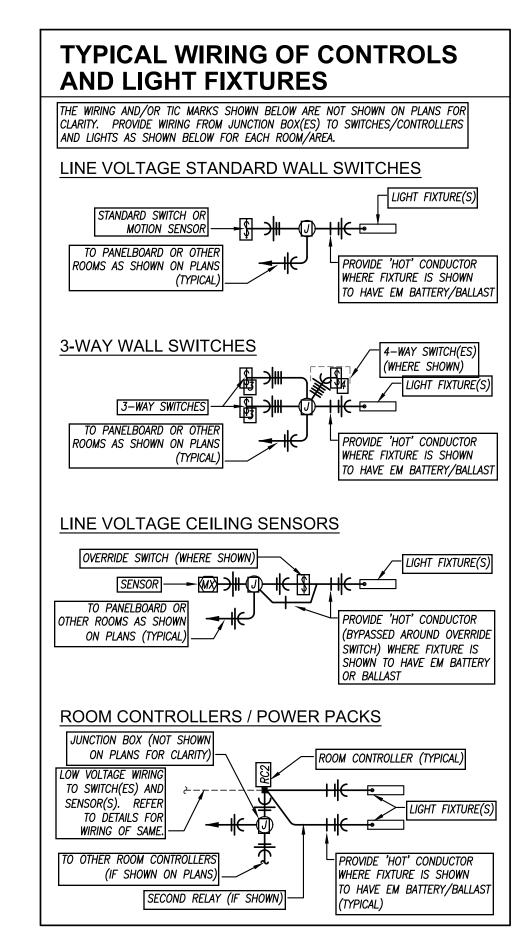
# DUCT SMOKE DETECTOR DIAGRAM NOT TO SCALE

#### **CONTACTOR SCHEDULE** ELECTRICAL NOTES POLES DESCRIPTION CIRCUITS AMPS, WIRE 30A, 2W 24 P3 1-24 ZONE 1 ELECTRIC HEATERS 1,2 30A, 2W P3 25-41,43 ZONE 2 ELECTRIC HEATER C3 ZONE 3 ELECTRIC HEATERS 14 P3 42,44-56 30A, 2W

NOTES LEGEND

1. PROVIDE HOA SWITCH THROUGH FRONT COVER.

2. CONTRACTOR SHALL BE CONTROLLED VIA SCENE CONTROLLER. OPEN CONTRACTS SHALL TURN ELECTRIC HEAT OFF AND CLOSED CONTACTS SHALL TURN ELECTRIC HEAT ON.



| ROOM CONTROLLER SCHEDULE |              |          |     |                 |         |  |  |
|--------------------------|--------------|----------|-----|-----------------|---------|--|--|
|                          |              |          |     | RELAYS          |         |  |  |
| MARK                     | MANUFACTURER | MODEL    | NO. | TYPE            | VOLTAGE |  |  |
| RCD1                     | WATTSTOPPER  | LMRC-211 | 1   | DIMMING (0-10V) | 120 V   |  |  |
| RCD2                     | WATTSTOPPER  | LMRC-212 | 2   | DIMMING (0-10V) | 120 V   |  |  |
| RC1                      | WATTSTOPPER  | LMRC-101 | 1   | ON/OFF          | 120 V   |  |  |
| RC2                      | WATTSTOPPER  | LMRC-102 | 2   | ON/OFF          | 120 V   |  |  |

| LIGHTING CONTROL DEVICE SCHEDULE |             |                    |   |         |  |  |
|----------------------------------|-------------|--------------------|---|---------|--|--|
| MARK                             | MANUFAC.    | MODEL              | DESCRIPTION   | VOLTAGE |  |  |
| CEILING S                        | ENSORS      |                    |   |         |  |  |
| М1                               | WATTSTOPPER | LMDC-100           | DUAL-TECHNOLOGY CEILING SENSOR. 24V<br>OPERATION WITH CAT5 CONNECTION.  | 24 V    |  |  |
| M2                               | WATTSTOPPER | DT-355             | DUAL-TECHNOLOGY CEILING SENSOR.<br>LINE VOLTAGE.  | 120 V   |  |  |
| SWITCHES                         | S           |                    |   |         |  |  |
| L#                               | WATTSTOPPER | LMSW-100<br>SERIES | DIGITAL DECORA PUSHBUTTON SWITCH<br>WITH LED PILOT LIGHT. CAT5 CONNECTION<br>TO CONTROLLER. # REFERS TO QUANTITY<br>OF BUTTONS ON FACE. | 24 V    |  |  |
| LD1                              | WATTSTOPPER | LMDM-101           | DIGITAL DECORA DIMMING SWITCH WITH<br>LED PILOT AND INDICATING LIGHTS.<br>CAT5 CONNECTION TO CONTROLLER.                                | 24 V    |  |  |
| WALL SEN                         | ISORS       |                    |   |         |  |  |
| М                                | WATTSTOPPER | DSW-100            | DUAL-TECHNOLOGY WALL SENSOR.  | 120 V   |  |  |

# **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 TO FUNCTION AS NIGHT LIGHTS UNLESS SPECIFICALLY SHOWN SWITCHED.

3. ALL CIRCUITING SHOWN ON THIS PLAN IS DIAGRAMMATIC.
3.1. ALL FIXTURES SHALL BE FED FROM JUNCTION BOXES WITH LIGHT FIXTURE WHIPS (<6'). DAISY—CHAINING OF FIXTURES IS NOT ALLOWED.

3.2. SWITCH BOX LOCATIONS SHALL BE WIRED SO THAT A NEUTRAL WIRE IS AVAILABLE AT THE SWITCH BOX LOCATION, EITHER IN THE BOX OR AVAILABLE TO BE ADDED VIA RACEWAY 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.

| ELI          | ELECTRIC UNIT HEATER SCHEDULE |                 |                     |                   |       |  |  |
|--------------|-------------------------------|-----------------|---------------------|-------------------|-------|--|--|
| PLAN<br>MARK | MANUFACTURER                  | MODEL<br>NUMBER | CAPACITY<br>(WATTS) | ELECTRICAL        | NOTES |  |  |
| EUH-1        | KING ELECTRIC                 | RK2030-RMT-BLK  | 3000 WATTS          | 208V., 1ø, 20 AMP | 1     |  |  |

NOTES LEGEND

1. PROVIDE WITH REMOTE CONTROLLER AND SERVICE DISCONNECT. CONTROLLER SHALL CONTROL MULTIPLE HEATERS ON THE SAME ZONE. SEE POWER PLANS AND CONTRACTOR SCHEDULE FOR ZONES INSTALL BER MANUFACTUREDS INSTALL CONTROL

SCHEDULE FOR ZONES. INSTALL PER MANUFACTURERS INSTRUCTIONS

2. CONNECT EACH HEATER VIA (2) #12 & (1) #12 GRD IN 3/4" C. THOUGH LIGHTING CONTACTOR INDICATED ON PLANS

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Chicago Illinois 60654

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### 30hop SOWP

1020 NW Pryor Road, Lees Summit,MO 64081 30hop owner

|             | date     | description      |
|-------------|----------|------------------|
|             | 05.02.24 | Issue For Permit |
| $\triangle$ | 05.22.24 | Permit Revision  |
| ③           | 07.02.24 | Permit Revision  |
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| orientation    |                 |
|----------------|-----------------|
| project number | 2328            |
| scale          | As Not          |
| date           | 7/02/20         |
| sheet title    | Electrical Deta |

sheet number

E301