

### SHEET NOTES

- (E1) RELOCATE FIRE ALARM PULL STATION (MOUNT AT 48" AFF) AND FIRE ALARM STROBE/HORN (80" AFF) AS INDICATED. REUSE AND EXTEND EXISTING FIRE ALARM SYSTEM CONDUCTORS.
- (E2) PROVIDE PLATE ON ORIGINAL FIRE ALARM PULL STATION LOCATION. EXTEND CONDUCTORS AND REMOUNT EXISTING FIRE ALARM PULLSTATION AT 48" AFF.
- (E3) PROVIDE SIMPLEX FIRE ALARM NAC PANEL FOR NEW CIRCUITS FOR STROBE AND HORN FIRE ALARM NOTIFICATION DEVICES. PROVIDE DEDICATED 120V CIRCUIT FOR NAC PANEL. PROVIDE SMOKE DETECTOR ABOVE NAC PANEL.
- (E4) ON EXISTING POWER PANEL #3, REMOVE EXISTING 20A-1P CIRCUIT BREAKERS 17, 19, 21 AND INSERT 100A-3P CIRCUIT BREAKER. USE THIS NEW BREAKER TO FEED NEW POWER PANEL #3A WITH 402, 146 GRD, 1-12°C. CONDUCTORS SHALL BE COPPER PANEL SHALL BE 100A, 200/200V, 3PH, 4W, 3Ø POSITION. M.O. REFEED ORIGINAL PANEL #3 CIRCUITS THAT WERE USED FOR NEW 100A-3P CIRCUIT BREAKER USING NEW CIRCUITS #3A-2,4,5. REUSE AND EXTEND EXISTING CIRCUIT CONDUCTORS.
- (E5) REUSE EXISTING BACKBOX AND PROVIDE 20A GFI DUPLEX RECEPTACLE. RE-CIRCUIT TO DEDICATED CIRCUIT #3A-1 (FOR COFFEES).
- (E6) REUSE EXISTING BACKBOX AND CIRCUITING FOR NEW 20A GFI DUPLEX RECEPTACLE.
- (E7) PROVIDE NEW QUAD RECEPTACLE (MOUNT AT 18" AFF). CONNECT TO EXISTING ROOM CIRCUITING.
- (E8) PROVIDE POWER AND DATA TO FURNITURE RECEPTACLES BY ROUTING CONDUITS AND WIRING FROM WALL AND THROUGH FURNITURE.
- (E9) PROVIDE 20A, 120V, 1PH POWER TO LAN ROOM COOLING UNIT AC-1, CIRCUIT #3A-8. RUN 2#12, #12 GRD, 3/4" C.
- (E10) PROVIDE POWER FOR COFFEE IN PANTRY 301, CIRCUIT 3A-10.
- (E11) PROVIDE POWER TO ABOVE CEILING HOT WATER HEATER. DISCONNECT SWITCH PROVIDED BY MECHANICAL AND WIRED BY ELECTRICAL CONTRACTOR. CIRCUIT 3A-12 (PANTRY 301)
- (E12) PROVIDE POWER TO MICROWAVE, CIRCUIT 3A-14 (PANTRY 301)
- (E13) PROVIDE POWER TO REFRIGERATOR, CIRCUIT 3A-16 (PANTRY 301)
- (E14) PROVIDE POWER TO HOT/COLD WATER DISPENSER, CIRCUIT 3A-13 (PANTRY 301)
- (E15) CIRCUITS FOR THIRD FLOOR LOADS SHALL BE ROUTED FROM NEW POWER PANEL #3A FROM MECHANICAL ROOM, THROUGH SECOND FLOOR CEILING SPACE TO IDENTIFIED CHASE UP TO THIRD FLOOR CEILING.
- (E16) PROVIDE POWER, DATA AND FUTURE AV TO CONFERENCE ROOM TABLE WITH APPROPRIATE POKE THROUGH FLOOR BOX BENEATH CENTER OF INDICATED TABLE. FLOOR BOX SHALL BE LEGRAND EVOLUTION SERIES SAT WITH (2) DUPLEX RECEPTACLES, (2) DATA JACKS, SPACE FOR FUTURE AV JACKS. CIRCUIT TO 3A-15. PROVIDE 1-1/4" CONDUIT UNDER FLOOR FROM TABLE TO CHASE TO CEILING AND THEN TO TV MONITOR ON WALL FOR CONTROL OF MONITOR FROM TABLE.
- (E17) PROVIDE RECESSED POWER RECEPTACLE AND SIGNAL OUTLET FOR MONITOR FLAT SCREEN LOCATION. COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL.
- (E18) PROVIDE BACK BOX FOR NEW SECURITY KEY PAD. RUN 1" CONDUIT FROM BOX IN STAIRWELL TO JUNCTION BOX ON OTHER SIDE OF THE WALL.
- (E19) PROVIDE UNDERCABINET GFI DUPLEX RECEPTACLE FOR DISHWASHER, CIRCUIT 3A-20. (PANTRY 301)
- (E20) PROVIDE ABOVE COUNTER GFI DUPLEX RCPT. FOR GENERAL LOADS, CIRCUIT 3A-18. (PANTRY 301)

### GENERAL NOTES

1. ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-IN ONLY FOR DATA/PHONE OUTLETS INDICATED. PROVIDE BACK BOX AND 1" CONDUIT STUB UP FOR EACH BOX.
2. NEW OUTLETS SHALL BE IVORY COLORED.
3. ALL 120V CIRCUITS THAT EXCEED 80 FEET IN LENGTH SHALL BE RUN WITH #10 AWG CONDUCTORS. ALL NEW CIRCUITS INDICATED FOR LOADS ON THE THIRD FLOOR SHALL BE 2#10, #10 GRD, IN 3/4" CONDUIT.
4. FIRE ALARM DEVICE LOCATIONS ARE SHOWN AS SUGGESTIONS. THE FIRE ALARM SYSTEM VENDOR/CONTRACTOR SHALL DESIGN A FIRE ALARM SYSTEM WHICH COMPLIES TO NFPA 72 SPACING REQUIREMENTS AND TO CODES AS FOLLOWED BY THE LOCAL AUTHORITY HAVING JURISDICTION. COORDINATE ALL CEILING MOUNTED FIRE ALARM DEVICES WITH LOCATIONS OF LIGHTING FIXTURES AS SHOWN ON DRAWINGS.
5. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY CONDUIT, BACKBOXES AND OTHER ROUGH-INS. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECT AND ENGINEER PRIOR TO ROUGH-IN.
6. SUBMIT ALL FIRE ALARM PLANS TO GOVERNING JURISDICTION FOR APPROVAL PRIOR TO INSTALLATION.

Date	Description

Seal / Signature

Project Name

URS - PORTLAND

Project Number

59.6222.900

Scale

As indicated

Description

NEW WORK POWER - LEVEL 02 - 03

**E02-02**



**1 SECOND FLOOR POWER NEW WORK PLAN**  
SCALE 3/16" = 1'-0"



**2 THIRD FLOOR POWER NEW WORK PLAN**  
SCALE 3/16" = 1'-0"