

THE INTENT FOR LOCATION OF RECEPTACLES NEAR EQUIPMENT IS THAT THE DEVICE SHOULD BE MOUNTED BETWEEN EQUIPMENT AND NOT BEHIND EQUIPMENT—COORDINATE EXACT FINAL EQUIPMENT LAYOUT WITH ARCHITECTURAL AND LAB EQUIPMENT DRAWINGS, AND ARCHITECT AND OWNER—TYPICAL FOR ALL RECEPTACLES MOUNTED INDIVIDUALLY AND IN SURFACE RACEWAY—TYPICAL FOR DRAWINGS E247A, E247B, E248A AND E248B

EXISTING SERVICE FITTING MOUNTED ON LAB BENCH WITH TWO DUPLEX RECEPTACLES PER SERVICE FITTING—ONE SERVICE FITTING ON EACH LAB BENCH IS 'OS' TYPE—VERIFY EXACT LOCATION OF 'OS' TYPE DEVICE WHERE RECIRCUITING—TYPICAL

TYPICAL AT ALL PANEL LOCATIONS IN OUTER PERIMETER CORRIDOR— PROVIDE PANELS ON THE EXTERIOR MOST WALL OF THE CORRIDOR (PIPING IS ROUTED ON THE INTERIOR MOST WALL)—CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS AND ENSURE THERE IS CODE REQUIRED CLEARANCE ABOVE PANEL (SEE DETAILS)—REMOVE A SECTION (MAX 4') OF CEILING RECESSED WALL PERIMETER LIGHT FIXTURE ABOVE PANEL(S) AND PROVIDE BLANK END CAP, OR REMOVE/RELOCATE END LIGHT FIXTURE SUCH THAT END CAPPED FIXTURE TERMINATES RUN OF LENGTH—TYPICAL AT ALL PANEL LOCATIONS

TYPICAL AT PANEL LOCATIONS IN INNER CORRIDOR— CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS AND ENSURE THERE IS CODE REQUIRED CLEARANCE ABOVE PANEL (SEE DETAILS)—TYPICAL AT ALL PANEL LOCATIONS

ALL DEVICES IN SURFACE RACEWAY SERVED BY 'OSXXXX' PANEL ARE 'OS' TYPE DEVICES—TYPICAL

WHERE BOXES/OUTLETS ARE INSTALLED IN A GROUP INSTALL BOXES SPACED 6" ON CENTER UNLESS NOTED OTHERWISE

SEVENTH FLOOR - ENLARGED PLAN
E247A SCALE: 1/4"=1'-0"

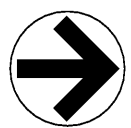
PLAN NOTES

- EXISTING PANEL SERIES 'L7AX' AND 'L7BX' LOCATED IN THE LABS ARE 120/208V, 3Ø, 4W NORMAL POWER PANELS WHICH SERVE RECEPTACLE AND SMALL APPLIANCE LOADS IN THE RESPECTIVE LAB.
- EXISTING PANELS 'EL7A' AND 'EL7B' LOCATED IN THE MECHANICAL CHASE ARE 120/208V, 3Ø, 4W EMERGENCY POWER PANELS WHICH SERVE RECEPTACLE AND SMALL APPLIANCE LOADS IN THE LABS.
- THE EXISTING SURFACE RACEWAY IS TWO COMPARTMENT NORMAL POWER/TELECOM, WIREMOLD 'G6000' SERIES WITH IVORY DUPLEX RECEPTACLES SPACED 24" ON CENTER AND TELECOM OUTLETS SPACED APPROXIMATELY 10" ON CENTER. ANY REWORK OR NEW INSTALLATION IN THE EXISTING RACEWAY SHALL MATCH AND BE COMPATIBLE WITH THE EXISTING SYSTEM.
- WHERE A NEW OPTIONAL STANDBY PANEL IS PROVIDED (WITH PANEL NAME OF 'OSXXXX', WHERE 'XXXX' IS THE ROOM NUMBER) THE PANEL IS PROVIDED FOR AND DEDICATED TO THE RESPECTIVE LAB ROOM NUMBER FOR OPTIONAL STANDBY POWER. THE INTENT IS FOR ALL 120V AND 208V RECEPTACLES/OUTLETS IN THAT LAB TO BE SERVED BY A NORMAL POWER PANEL IN THE LAB OR THE OPTIONAL STANDBY PANEL DEDICATED TO THAT LAB. THE CONTRACTOR SHALL TRACE ALL RECEPTACLES AND OUTLETS IN EACH OF THESE LABS AND RECIRCUIT ANY EXISTING DEVICES/OUTLETS PRESENTLY SERVED BY PANELS 'EL7A' OR 'EL7B' TO THE NEW 'OSXXXX' PANELS RESPECTIVE TO EACH ROOM. ALL NEW DEVICES SHALL BE CIRCUITED TO THE RESPECTIVE LAB 'OSXXXX' PANEL UNO.

KEY NOTES

- PROVIDE DEVICE INDICATED IN EXISTING NORMAL POWER SECTION OF SURFACE RACEWAY. CIRCUIT TO EXISTING NORMAL PANEL VIA SURFACE RACEWAY.
- PROVIDE DEVICE(S) INDICATED (OR ALL INDIVIDUAL DEVICES IN ROOM) IN THE EXISTING DEMOUNTABLE PARTITION WALL. SEE 'MOUNTING HEIGHTS AND CONFIGURATIONS' DETAIL.
- PRIOR TO FINAL EQUIPMENT INSTALLATION BY OWNER THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND PROJECT MANAGER AND VERIFY THE PROPOSED EQUIPMENT CORD PLUG NEMA CONFIGURATION, REQUIRED BREAKER OVERCURRENT PROTECTION AND REQUIRED CIRCUITRY AND PROVIDE THAT WHICH IS REQUIRED.
- REMOVE ANY EXISTING RECEPTACLE IN THE SURFACE RACEWAY WHICH IS LOCATED WITHIN THE WIDTH OF THE SINK, AND BLANK THE SPACE. CHANGE OR PROVIDE ALL RECEPTACLES WITHIN 6" OF THE SINK TO 'GF' TYPE RECEPTACLE.
- CHANGE ALL EXISTING DUPLEX RECEPTACLES IN SERVICE FITTINGS WHICH ARE WITHIN 6" OF THE SINK TO 'GF' TYPE RECEPTACLES. REMOVE EXISTING SERVICE FITTING AND PROVIDE NEW SERVICE FITTING WITH TWO 'GF' DEVICES PER SPECS. CONNECT TO EXISTING CIRCUITRY.
- INTERCEPT EXISTING 1" C FROM BLANK OUTLETS (ONE 1" C DAISY CHAINS TO TWO BLANK OUTLETS IN EACH ROOM) ROUTED TO EXISTING EMERGENCY PANEL AND EXTEND TO OPTIONAL STANDBY PANEL SERVING RESPECTIVE ROOM IN LIEU OF EMERGENCY PANEL.
- BREAKER FOR HVAC-480V, 3P-15A, 18K AIC, NEMA 1 ENCLOSURE—MOUNT AT UNIT—CIRCUIT TO EH7C-14,16,18
- REMOVE EXISTING SURFACE RACEWAY DUPLEX RECEPTACLE/TELECOM OUTLET WHICH DOES NOT MATCH RACEWAY. REPLACE WITH RACEWAY COMPATIBLE COVER/DEVICES.
- PROVIDE SURFACE RACEWAY CONNECTED TO EXISTING RACEWAY. CONNECT RECEPTACLES SHOWN TO EXISTING CIRCUITS. PROVIDE WALL BOX CONNECTOR IN NEW WALL IF NEEDED TO SERVE TELECOM OUTLETS.

PARTITION AND WALL LEGEND	
0000 5 0000 5 0000 5 0000 5 0000 5 0000	1-HOUR FIRE BARRIER
0000 5 0000 5 0000 5 0000 5 0000 5 0000	2-HOUR FIRE BARRIER
0000 5 0000 5 0000 5 0000 5 0000 5 0000	3-HOUR FIRE BARRIER



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REVISION:

SEVENTH FLOOR - ENLARGED PLANS
SCALE (IN INCHES): 0, 4 FT, 8 FT
1/4" = 1'-0"

UNC SCHOOL OF MEDICINE
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7th & 8th FLOORS FOR DERMATOLOGY
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