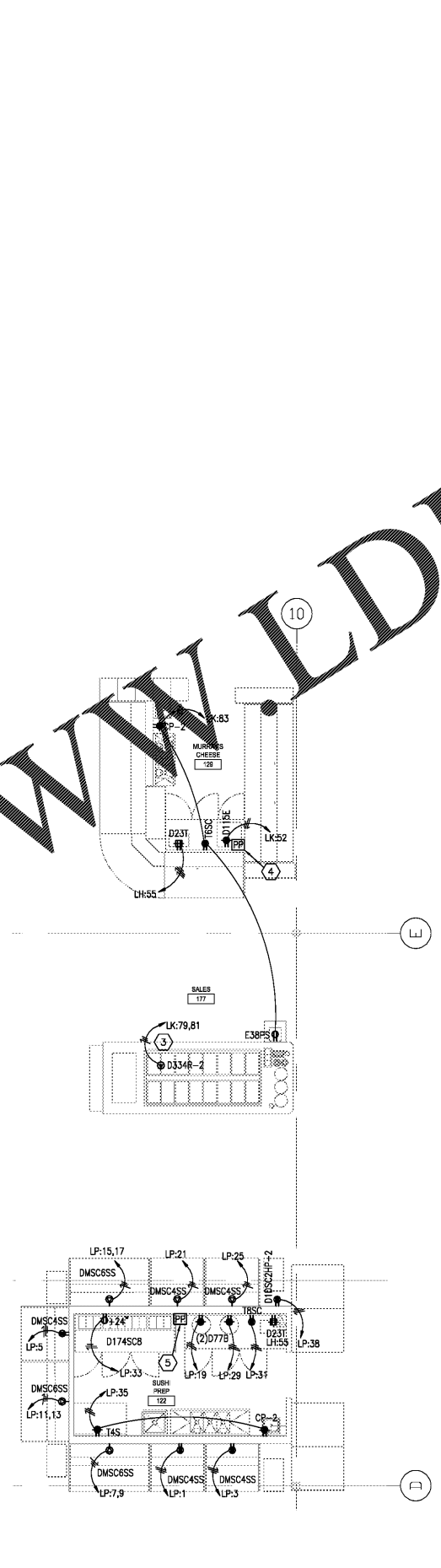


01 ENLARGED ELECTRICAL POWER PLAN - OTC SHELVING  
SCALE: 1/4" = 1'-0"



02 ENLARGED POWER - SUSHI & CHEESE KIOSKS  
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- SEE SHEET E0.1 FOR PROJECT GENERAL NOTES AND LEGEND.
- SEE SHEET E6.1 FOR ELECTRICAL EQUIPMENT SCHEDULE.
- SEE E6.1.1 FOR REFRIGERATION EQUIPMENT SCHEDULE.
- REFER TO E1.3.3 AND E1.3.4 FOR REFRIGERATED CASES, FANS, LIGHTS AND ANTI-SWEAT CIRCUITING INFORMATION.
- CIRCUIT NUMBERS FOR EXISTING PANELS ARE BASED ON AS-BUILT DRAWING INFORMATION AND MAY BE AT VARIANCE WITH ACTUAL CONDITIONS. FIELD INVESTIGATE CIRCUITING AND MAKE ADJUSTMENTS TO CIRCUIT ASSIGNMENTS IN THE PANEL AS REQUIRED. CONNECT TO EXISTING BREAKERS IN THE PANEL AS THEY BECOME AVAILABLE DURING DEMOLITION. ALL HOMERUNS TO EXISTING PANELS ARE TO SPARE BREAKERS OR EXISTING BREAKERS MADE AVAILABLE BY DEMOLITION LOG.
- ALL EXISTING PANELBOARD, TRANSFORMERS, SWITCHES AND SWITCHBOARDS ARE SHADED BLACK AND/OR OTHERWISE NOTED.
- INCLUDE IN THE SCOPE OF WORK, TEMPORARY SERVICES FOR EXISTING EQUIPMENT, DEVICES AND OWNER'S EQUIPMENT THAT MUST BE TEMPORARILY RELOCATED DUE TO CONSTRUCTION PHASING. CONSIDER MOVING OWNER'S EQUIPMENT SUCH AS CHECKSTANDS, REFRIGERATED CASES, LIGHTED VALANCES ETC. TWICE. SEE THE PHASING PLAN AND COORDINATE WITH OWNER'S PROJECT MANAGER.
- COORDINATE THE EXACT LOCATIONS OF ALL EQUIPMENT WITH THE OWNER'S PROJECT MANAGER AND INSTALL PER THE REQUIREMENTS OF THE RESPECTIVE EQUIPMENT SUPPLIER/INSTALLER.
- CONTRACTOR TO ALLOW FOR ELECTRICAL CONNECTION/HOOK UP OF ALL HVAC, REFRIGERATION, KITCHEN AND OTHER ELECTRICALLY OPERATED EQUIPMENT SHOWN ON THE DRAWINGS.
- THE GENERAL CONTRACTOR SHALL MAINTAIN POWER TO ALL NEW AND EXISTING OPERATIONAL EQUIPMENT AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL ALLOW FOR TEMPORARY WORKS AS AND WHERE NECESSARY.
- ALL ELECTRICAL CONDUITS IN THE SALES AREA DESCENDING FROM ROOF TRUSSING OR EITHER LOW WALLS OR EQUIPMENT SHOULD BE COORDINATED TOGETHER WITH OTHER MECHANICAL PIPES.
- SEE SINGLE LINE DIAGRAM ON SHEET E6.2 FOR SIZE OF DISCONNECT SWITCHES.
- SEE ESD-26 FOR WIRING METHODS IN ALL PANELS, COOLERS, FREEZERS, AND PREP AREAS.
- SEE MECHANICAL DRAWINGS FOR LOCATIONS OF TEMPERATURE AND HUMIDITY SENSORS.
- PROVIDE WEATHERPROOF BOXES AND LIQUID-TIGHT FLEXIBLE CONDUIT TO CASES IN OR IMMEDIATELY ADJACENT TO WASHDOWN AREAS SUCH AS SEAFOOD PREP, MEAT PREP, DELI AND BAKERY PREP AREAS.
- WHERE ELECTRICAL SERVICE FEEDERS CROSS THROUGH WALLS, CONTRACTOR TO COORDINATE WITH CIVIL DRAWINGS.
- ALL APPLIANCE DISCONNECTS ARE TO BE MOUNTED AT 5'-0" A.F.F. UNLESS OTHERWISE INDICATED.
- PROVIDE WEATHERPROOF PIPES AND LIQUID-TIGHT FLEXIBLE CONDUIT TO CASES IN OR IMMEDIATELY ADJACENT TO WASHDOWN AREAS SUCH AS SEAFOOD PREP, MEAT PREP, DELI AND BAKERY PREP AREAS.
- MINIMUM BRANCH CIRCUIT WIRE SIZE SHALL BE #12. INCREASE WIRE SIZE AS REQUIRED TO PROVIDE 3 PERCENT VOLTAGE DROP TO THE EQUIPMENT OR LAST DEVICE ON THE CIRCUIT. WHERE INCREASED WIRE SIZE WILL NOT FIT IN THE TERMINALS OR LUGS OF THE EQUIPMENT OR DEVICE, PROVIDE DIGITALS TO REDUCE TO #12. PROVIDE ANY JUNCTION BOXES AS REQUIRED.

KEYNOTES

- CIRCUIT IS CONTROLLED THROUGH CONTACTOR #041. SEE CONTACTOR SCHEDULE ON SHEET E6.2.4.
- CIRCUIT IS CONTROLLED THROUGH CONTACTOR #042. SEE CONTACTOR SCHEDULE ON SHEET E6.2.4.
- PROVIDE CORD DROP TO FEED SALAD BAR. CORD SHALL BE WHITE. REFER TO ESD-16D.
- PROVIDE NEW POWER POLE FOR CIRCUIT WIRING TO OUTLETS IN MURRAY'S CHEESE SHOP. COORDINATE WITH EQUIPMENT INSTALLER.
- PROVIDE NEW POWER POLE FOR CIRCUIT WIRING TO OUTLETS IN SUSHI SHOP. COORDINATE WITH EQUIPMENT INSTALLER.
- CONNECTION TO SECURITY CAMERA/MONITOR. COORDINATE THE EXACT NUMBER AND LOCATION WITH THE OWNER'S PROJECT MANAGER.



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FIRE PROTECTION

ISSUE LOG

NO.	REV.	DESCRIPTION	DATE
1	-	PERMIT SET	12/06/18
2	-	BID SET	03/21/19

JOB: 2019041 SCALE: AS SHOWN  
SHEET NO.

E4.1.3  
ELECTRICAL ENLARGED POWER PLANS

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