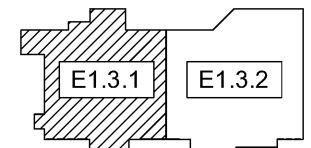


GENERAL NOTES

- SEE SHEET E0.1 FOR PROJECT GENERAL NOTES, LEGEND AND ABBREVIATIONS.
- SEE SHEET E8.1 FOR ELECTRICAL EQUIPMENT SCHEDULE.
- REFER TO SHEET 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 GRAY. ALL NEW 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 TEMPORARY WORKS AS AND WHERE NECESSARY.
- ALL ELECTRICAL CONDUITS IN THE SALES AREA A DESCENDING FROM ROOF FLOOR TO CEILING LOW WALLS OR EQUIPMENT SHOULD BE COORDINATED AND GROUPED 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 WALK-IN COOLERS, FREEZERS AND FREEZERS.
- SEE MECHANICAL DRAWINGS FOR LOCATIONS OF TEMPERATURE AND HUMIDITY SENSORS. INSTALL CONDUIT PER ESD-46.
- PROVIDE WEATHERPROOF BOXES AND LIQUID-TIGHT FLEXIBLE CONDUIT TO BASES IN OR IMMEDIATELY ADJACENT TO WASHDOWN AREAS SUCH AS SEAFOOD PREP, MEAT PREP, DELI AND BAKERY PREP AREAS.
- INSTALL JUNCTION BOX AND CIRCUIT TO POWER WALK-IN HANGING FLAT SCREEN MONITORS. CONFIRM THE LOCATION OF THE MONITOR WITH QUESTION INSTALLER OR KROGER PM BEFORE INSTALLING JUNCTION BOX. QUESTION INSTALLER TO INSTALL THE 120 VOLT CONVENIENCE OUTLET HANGING MONITOR POLE/BRACKET AND MAKE FINAL CONNECTIONS.
- WHERE ELECTRICAL SERVICES CROSS EXTERIOR WALLS, CONTRACTOR TO COORDINATE WITH THE ARCHITECT'S DRAWINGS.
- ALL APPLIED DISCONNECTS ARE TO BE MOUNTED AT 5' A.F.F. UNLESS OTHERWISE NOTED.
- SEE SINGLE LINE DIAGRAM ON SHEET E6.2 FOR DISCONNECT SWITCH SIZES.
- 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 PROVIDE ELECTRICAL CONNECTION/HOOK UP OF ALL HVAC, REFRIGERATION, KITCHEN AND OTHER ELECTRICALLY OPERATED EQUIPMENT SHOWN ON THE DRAWINGS.
- MINIMUM BRANCH CIRCUIT WIRE SHALL BE #12. INCREASE WIRE SIZE AS REQUIRED TO PROVIDE A 1.5 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 PIGTAILS TO REDUCE TO #12. PROVIDE ANY JUNCTION BOXES AS REQUIRED.

KEYNOTES

- EQUIPMENT POWERED OVER ETHERNET. SEE ESD-55 FOR DETAIL.
- PROVIDE RIGID STEEL CONDUIT DROP FROM JUNCTION BOX LOCATED IN STEEL STRUCTURE ABOVE TO NEW SHELVING. COORDINATE WITH SHELVING INSTALLER AND OWNER'S PROJECT MANAGER AND DOOR MANUFACTURER'S REQUIREMENTS. SEE ASD-149A.
- USE CORD DROP AS REQUIRED TO POWER INDICATED EQUIPMENT. CORD SHALL BE WHITE. SEE ESD-180 FOR DETAIL.
- INSTALL PUSHBUTTON CONTROLS FURNISHED WITH BASCART DOOR EQUIPMENT. VERIFY LOCATION WITH OWNER'S PROJECT MANAGER AND DOOR INSTALLER. PROVIDE CONTROL WIRING IN ACCORDANCE WITH DOOR MANUFACTURER'S REQUIREMENTS. SEE ASD-149A.
- RECEPTACLE FOR THE IDF CABINET. VERIFY LOCATION WITH THE EQUIPMENT INSTALLER.
- PROVIDE NEW EMERGENCY GENERATOR. PROVIDE PAD PER STRUCTURAL DRAWINGS. REFER TO SINGLE LINE DIAGRAM ON E6.2 AND DETAIL #03 ON SHEET E5.2.1 FOR ADDITIONAL INFORMATION.
- MOUNT RECEPTACLE FOR FLY ZAPPER AT 7'-6" ABOVE FLOOR. MOUNT SWITCH AT 5'-6" ABOVE FLOOR. MOUNT BOTTOM OF FLY ZAPPER AT 4'-0" ABOVE FLOOR.
- FLUSH MOUNT OUTLET IN BASE OF THE CASE TO FEED SAMPLING STATION.
- INSTALL REPLACEMENT DOCK LIGHT. SEE ASD-62 MOUNTING DETAIL REFERENCED IN THE ARCHITECTURAL PLANS. SEE SHEET E1.1.1 FOR THE LIGHT FIXTURE TYPE.
- MAKE CONNECTION TO BELL UNIT. DISCONNECT PROVIDED BY OWNER. INSTALL IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S REQUIREMENTS.
- RUN CONDUIT DOWN COLUMN TO FEED CASE. SIMILAR TO ESD-54.
- RECEPTACLE MOUNTED ON TOP OF CASE ADJACENT TO HOSE BIBB. COORDINATE EXACT PLACEMENT WITH OWNER'S PROJECT MANAGER. SEE ESD-2 FOR SIMILAR INSTALLATION.
- PROVIDE WALK-IN DOOR MONITOR PER ESD-4.
- EXISTING PANEL BOARD(S) TO REMAIN. MAKE ADJUSTMENTS AS SHOWN ON RESPECTIVE PANEL SCHEDULE(S) AND SINGLE LINE DIAGRAM ON E6.2 AND/OR REQUIRED FOR NEW/ALTERED CIRCUITS. UPDATE EXISTING LEGEND CARDS. PANEL BOARDS TO BE RELABELLED WITH NEW TAG/MARK AS SHOWN.
- PROVIDE ONE 120V 20AMP CIRCUIT TO JUNCTION BOX AT UNDERSIDE OF JOIST FOR QUESTION FLAT SCREEN. VERIFY/COORDINATE FINAL LOCATION WITH QUESTION INSTALLER. PROVIDE CONVENIENCE RECEPTACLE TO EACH BRACKET.
- CEILING MOUNTED RECEPTACLE FOR PVM MONITOR. CONFIRM FINAL LOCATION WITH LV INSTALLER.
- OUTLET FOR FLOOR SCRUBBER. MATCH RECEPTACLE TO EXISTING PLUG TOPS.
- PROVIDE NEW PANEL BOARD(S) AS SHOWN. FOR ADDITIONAL INFORMATION SEE E6.2 AND RESPECTIVE PANEL SCHEDULES.
- PROVIDE OUTLET MOUNTED AT CEILING FOR CORD REEL. INSTALL NEW CORD REEL. PROVIDE SUPPORT FOR CORD REEL AS REQUIRED.
- POWER FOR SINGLE DOOR ALARM SYSTEM. REFER TO ESD-22 FOR DETAILS.
- GENERATOR EMERGENCY STOP SWITCH. MOUNT AT 5'-0" A.F.F.
- MAKE CONNECTION TO SECURITY PEDESTAL EQUIPMENT AS REQUIRED. SEE ESD-52 FOR ADDITIONAL REQUIREMENTS.
- CONVENIENCE RECEPTACLE FOR SEASONAL DECORATIONS AND DISPLAYS.
- RUN CONDUIT DOWN COLUMN TO FEED CONVENIENCE RECEPTACLE. SIMILAR TO ESD-54.
- EDWARDS NO. 1786-B WEATHERPROOF PUSHBUTTON. PROVIDE FLUSH MOUNTED OUTLET BOX, GASKET, ETC. AS REQUIRED. MOUNT 54" AFF - TYPICAL.
- EDWARDS NO. 120-24V AC. TRANSFORMER. PROVIDE #14, STRANDED WIRING IN CONDUIT TO PUSHBUTTON AND BELL AS REQUIRED. MOUNT AT 10'-0" AFF.
- EDWARDS NO. 340A-GS BUZZER. PROVIDE FLUSH MOUNTED OUTLET BOX, GASKET, ETC. AS REQUIRED. MOUNT 8'-0" A.F.F.
- PROVIDE LOW VOLTAGE WIRING AS REQUIRED TO BELL AT CUSTOMER SERVICE.
- DISCONNECT EXISTING UNIT HEATER FROM PANEL "LB" (TO BE REMOVED DURING DEMOLITION). REWIRING FAN TO NEW PANEL "LC". MODIFY EXISTING WIRING AS NECESSARY.
- PROVIDE NEW PAD MOUNTED TRANSFORMER. PROVIDE PAD PER STRUCTURAL DRAWINGS. REFER TO SINGLE LINE DIAGRAM ON SHEET E6.2 AND TRANSFORMER SCHEDULE ON SHEET E6.2.5 FOR ADDITIONAL INFORMATION.
- DISCONNECT EXISTING RECEPTACLE FROM PANEL "LA" (TO BE REMOVED DURING DEMOLITION). REWIRING FAN TO NEW PANEL "LD". MODIFY EXISTING WIRING AS NECESSARY.
- DISCONNECT EXISTING COMPACTOR EXHAUST FROM PANEL "LA" (TO BE REMOVED DURING DEMOLITION). REWIRING FAN TO NEW PANEL "LD". MODIFY EXISTING WIRING AS NECESSARY.
- MAKE FINAL CONNECTION TO LEAK DETECTION PANEL. COORDINATE LOCATION WITH LEAK DETECTION INSTALLER. REFER TO REFRIGERANT LEAK DETECTION PLAN EMB.0.1.
- MAKE FINAL CONNECTION TO PADDLE FANS. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR. FANS TO BE CONTROLLED VIA EMS. REFER TO MECHANICAL SCHEDULE ON M6.1.
- PROVIDE NEW SURGE PROTECTION TO PANEL HEM. CONNECT TO PANEL HEM THRU WALL VIA SHORTEST AND FEASIBLE PATH. INSTALL AND CONNECT PER MANUFACTURER'S RECOMMENDATIONS/SPECIFICATIONS.
- PROVIDE OUTLET IN THE HORIZONTAL WINDOW TRANSOM.



01 PARTIAL ELECTRICAL POWER PLAN WEST
SCALE: 3/32" = 1'-0"

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ISSUE LOG

| NO. | REV. | DESCRIPTION | DATE |
|-----|------|-------------|----------|
| 1 | - | PERMIT SET | 12/06/18 |
| 2 | - | BID SET | 03/21/19 |
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JOB: 2019041 SCALE: AS SHOWN

SHEET NO.

E1.3.1
PARTIAL ELECTRICAL POWER PLAN WEST

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