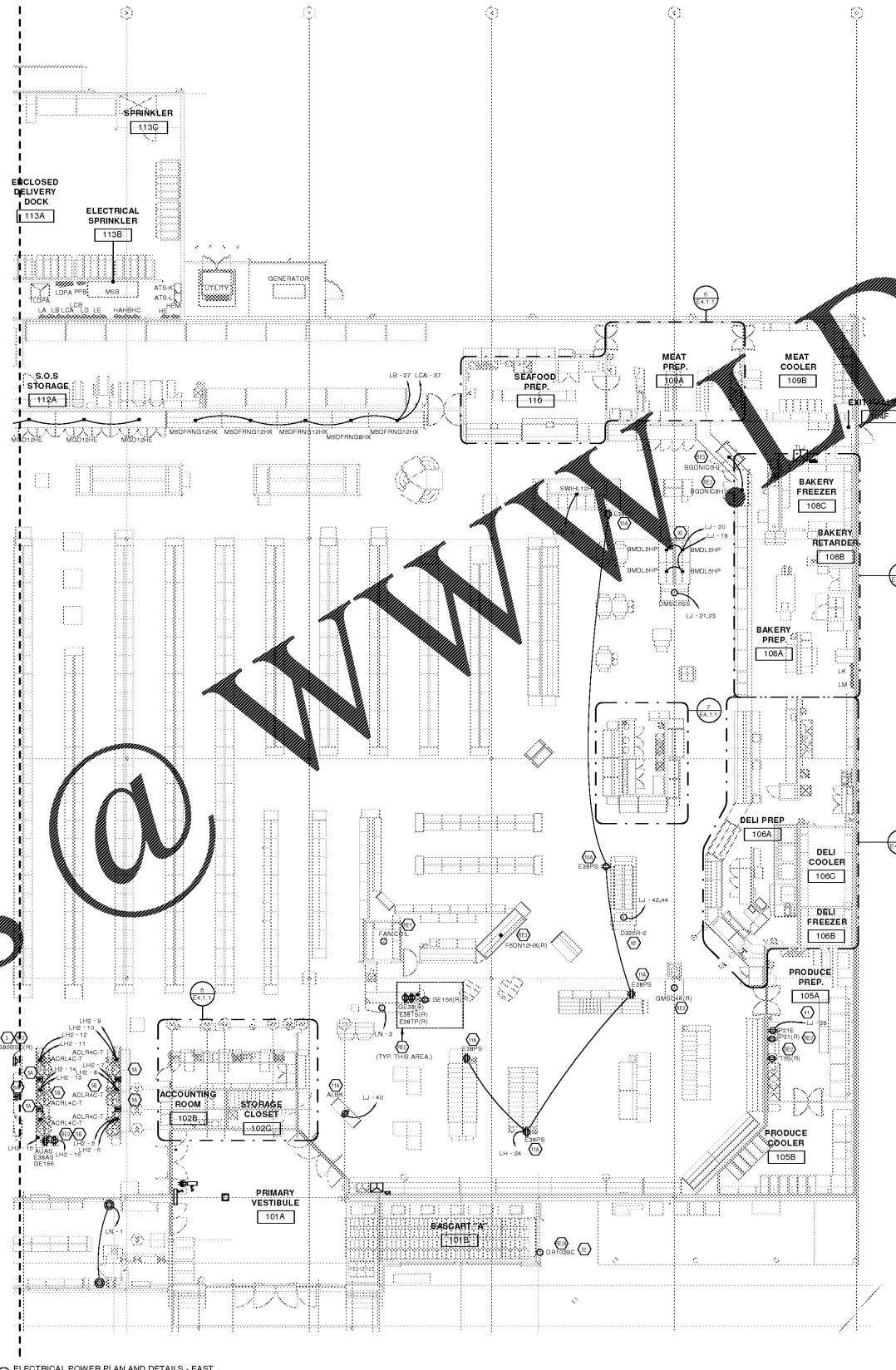


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1 ELECTRICAL POWER PLAN AND DETAILS - EAST
REFER TO SHEET E1.3.1 FOR NOTES THAT MAY APPLY TO THIS SHEET.

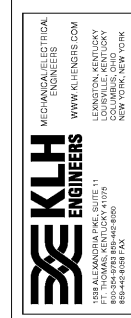
KEYED NOTES

- FEED EQUIPMENT VIA METHODS USED FOR ADJACENT CASHER STATION. CONCEAL WORK WITHIN CHECKOUT CASEWORK. SEE DETAILS ESD RE & ESD RA.
- PROVIDE 1/2" LOW TUBE STEEL "PILE" POWER POLE TO BE USED AS A CABLE RACEWAY CHASE. NOTE THAT THE POLE IS NOT A UL LISTED LABELED RACEWAY. ALSO, PROVIDE MATERIALS TO ANCHOR AT TOP OF CEILING (PROVIDE ANCHORS ON TWO SIDES FOR EXT. OF CABLE RACEWAYS) AND/OR ABOVE CEILING IN OVERHEAD JOIST SPACE, WITH UNIFIT OR OTHER NEATLY INSTALLED METHOD AS DETERMINED IN FIELD. TRANSITION TO FLEXIBLE STEEL CONDUIT WITH PARITY SIZED GREEN INSULATED EQUIPMENT GROUND CONDUCTORS) AT TOP OF POLE AND USE POLE AS A CHASE TO FEED DOWN TO COUNTERTOP EQUIPMENT. SEE DETAILS ESD 1, ESD 2, ESD 3, ON E-SERIES SHEETS.
- UTILIZE ADJACENT RACEWAY IN SAME ROW OR COLUMN. CONCEAL ALL WIRING AND CONDUIT FROM VIEWER ROUTE TO SINGLE RACEWAY.
- SEE SHALL ROUTE CIRCUIT TO JUNCTION BOX IN FLOOR UNDER CASEJUNT AS SHOWN. FEC SHALL PROVIDE DUPLEX RECEPTACLE ON END OF CASHERJUNT, CONNECTED TO 20A/120V CIRCUIT FOR PROMOTIONAL AND CONDENSED OUTLET. VERIFY FINAL LOCATION WITH KROGER PM PRIOR TO INSTALLATION.
- SEE TO PROVIDE ABOVE CEILING JUNCTION BOX AND CONDUIT DROP AS SHOWN ON DETAIL ESD-14 ON E-SERIES DRAWINGS. CONDUIT DROP TO BE WHITE IN AREAS IN VIEW TO CUSTOMERS. FINAL DROP TO BE INSTALLED ONLY AFTER CASE HAS BEEN SET. MATCH ESD CABLE SIZE AND RECEPTACLE WITH CABE REQUIREMENTS IN FIELD. PRIOR TO INSTALLATION VERIFY FINAL LOCATION WITH KROGER PM.
- SEE SHALL PROVIDE POWER AND CONTROL WIRING AS REQUIRED FOR OVERHEAD DOOR - INCLUDING INSTALLATION AND WIRING OF ALL SAFETY DEVICES. MOUNT RECEPTACLE FOR DOOR POWER ADJACENT TO DOOR BELOW POWERED OPERATOR AT 8" AFF. PROVIDE FLUSH WALL MOUNTED KEYPAD OPERATOR (4" AFF) IN EXTERIOR WALL ADJACENT TO GARAGE DOOR. PROVIDE TWO (2) WALL MOUNTED PUSH-BUTTONS AT LOCATIONS SHOWN (4" AFF). PROVIDE FLUSH MOUNTED WALL SWITCH AT BASCART ENTRANCE NEAREST VESTIBULE. WIRING AHEAD OF ALL OTHER DOOR WORK (ENGINEER WALL PLATE TO READ OVERHEAD DOOR).
- THE FOLLOWING APPLIES FOR PRODUCE PREP AND MEAT PREP. SEE SHALL PROVIDE WEATHERPROOF (LIMIT NEMA 3R WHILE IN USE) COVERS FOR ALL OUTLETS. PROVIDE ONE RECEPTACLE FOR ALL 120V/20V AND 20A/20V RECEPTACLES. ALL COUNTER HEIGHT POWER & SYSTEM WALL RECEPTACLES SHALL BE 48" AFF. SEE ARCHITECTURAL DETAILS AND FIELD COORDINATION. INSTALLER DO NOT INSTALL POWER OR SYSTEMS OUTLETS WHERE WALL FINISH TYPES MAY EITHER INSTALL FULLY IN BELOW THE BAND OF BALANCE TIE OR IN BALANCE TIE. THE DESCRIBED ABOVE. IN ADDITION, NO SURFACE MOUNT CONDUIT AND/OR JUNCTION BOXES PERMITTED IN THESE AREAS. REFER TO ESD-28.
- INDICATED CABLE (B) FED FROM ABOVE THRU VERTICAL RACEWAY WITH WIRING SHALL PROVIDE CIRCUIT TO JUNCTION BOX IN FLOOR. SEE SHALL PROVIDE SAME PM AND WIRING TO SAME PM. TERMINATIONS AT REQUIRED CABLE COORDINATE CONDUIT WITH 1/2" RTR TRAYS (I.E. REFRIGERATION PLUMBING) REFER TO ESD 2. REFER TO SHEET ESD-28 FOR TERMINATION AND RSD-32A ON REFRIGERATION DRAWINGS PROVIDED BY USER.
- DISCONNECT ELECTRICAL WORK FROM EXISTING ELECTRICAL EQUIPMENT AND RECONNECT TO RELOCATED OR NEW REFRIGERATION EQUIPMENT. PROVIDE ALL MATERIALS AND WIRING FOR CONDUIT RACEWAY, JUNCTION BOXES, WIRING, AND ETC. WIRING SHALL BE PERMITTED TO RUN TO CIRCUITS NOT PREVIOUSLY SERVED BY WIRING. REFER TO SHEET ESD-28 FOR ADDITIONAL CONDUIT AND WIRING REQUIREMENTS.
- EXTEND EXISTING EQUIPMENT TO LOCAL EQUIPMENT. SEE SHALL PROVIDE DOWN FOR EXISTING LOCAL EQUIPMENT. PROVIDE ALL MATERIALS AND WIRING FOR CONDUIT AND WIRING RELOCATION. EXTEND EXISTING CIRCUITS TO NEW EQUIPMENT SHOWN. FOR EXAMPLE, CONNECT FAN TO CIRCUITS THAT PREVIOUSLY SERVED FANS. PROVIDE ADDITIONAL CIRCUITS FROM METERED LOADS TO CIRCUITS THAT PREVIOUSLY SERVED OUTLETS, ETC. TO ENSURE NEWLY METERED LOADS EXCEEDS EXISTING LOADS THAT EXCEEDS EXISTING CIRCUITS FROM SIMILAR PANELS.
- EXTEND SUPPLY EXISTING CIRCUIT TO NEW EQUIPMENT SHOWN.



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ELECTRICAL POWER PLAN AND DETAILS - EAST

No.	Description	Date

BD ISSUE

THIS IS A PRELIMINARY DRAWING. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE PROCEEDING WITH CONSTRUCTION.

E1.3.2

Project number 20168
Date 06/17/2016
JAD JAT