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KEYED NOTES	
E50	PROVIDE PAINTED CONDUIT DROP (SUPPORTED PER DIVISION 28 SPECIFICATIONS) FROM JUNCTION BOX IN JUST SPACE TO EQUIPMENT SHOWN. ANCHOR CONDUIT TO SHELVING/EQUIPMENT PER EISD-2.
E15	BEC SHALL PROVIDE/EXTEND CIRCUIT TO JUNCTION BOX IN FLOOR UNDER CASE/SHELF FOR UNDERFLOOR FED CASES OR ATOP CASE FOR OVERHEAD FED CASES AS SHOWN. FEC SHALL PROVIDE DUPLEX RECEPTACLES, MOUNTED ATOP CASE, FOR BSN DISPLAYS/CONVENIENCE. COORDINATE EXACT REQUIREMENTS AND LOCATIONS WITH KROGER ENGINEER. CONSULT ALL WIRING METHODS.
E40A	FLUSH MOUNT ALL WALL OUTLETS IN FOOD PREP AREAS. PROVIDE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION FOR ALL 120V AND 200V SINGLE PHASE 50 AMP RECEPTACLES OR LESS. AND 200V THREE PHASE 100 AMP RECEPTACLES OR LESS. INSTALLED IN KITCHEN/FOOD PREP AREAS. MOUNT HORIZONTALLY IN ADDITION TO THE ABOVE. PROVIDE WEATHERPROOF COVERS (NEMA 3R WHILE IN USE) FOR ALL OUTLETS IN PRODUCE PREP AND MEAT PREP. NO ELECTRICAL CONDUIT SHALL BE INSTALLED EXPOSED IN PREP AREA INTERIORS. INSTALL ALL COUNTER HEIGHT POWER & SYSTEM WALL OUTLETS HORIZONTALLY AT 48" A.F.F. CENTER THEM IN RESPECTIVE TILE OF THE BAND OF BULLNOSE WALL TILE THAT WILL BE INSTALLED AT THIS HEIGHT. SEE ARCHITECTURAL DETAILS AND FIELD COORDINATE WITH TILE INSTALLER. DO NOT INSTALL POWER OR SYSTEMS OUTLETS WHERE WALL FINISH STYLES MEET. EITHER INSTALL FULLY IN BELOW THE BAND OF BULLNOSE TILE OR IN BULLNOSE WALL TILE AS DESCRIBED ABOVE.
E42	BEC SHALL PROVIDE JUNCTION BOX, CONDUIT, AND WIRE FOR PLUGMOLD. FEC SHALL PROVIDE PLUGMOLD (WIREMOLD #2000 SERIES, 2 CIRCUIT WITH "GFI" SERIES SINGLE RECEPTACLES ON 6" CENTERS). BEC TO INSTALL RECESSED SINGLE GANG WALL BOX TURNED HORIZONTALLY. USE SINGLE GANG V2048 ADAPTER BOX FOR CONNECTION TO PLUGMOLD. COORDINATE WITH FEC. PAINT PLUGMOLD TO MATCH WALL. PROVIDE PLUGMOLD TO BE A LENGTH OF ASSOCIATED FURNITURE.

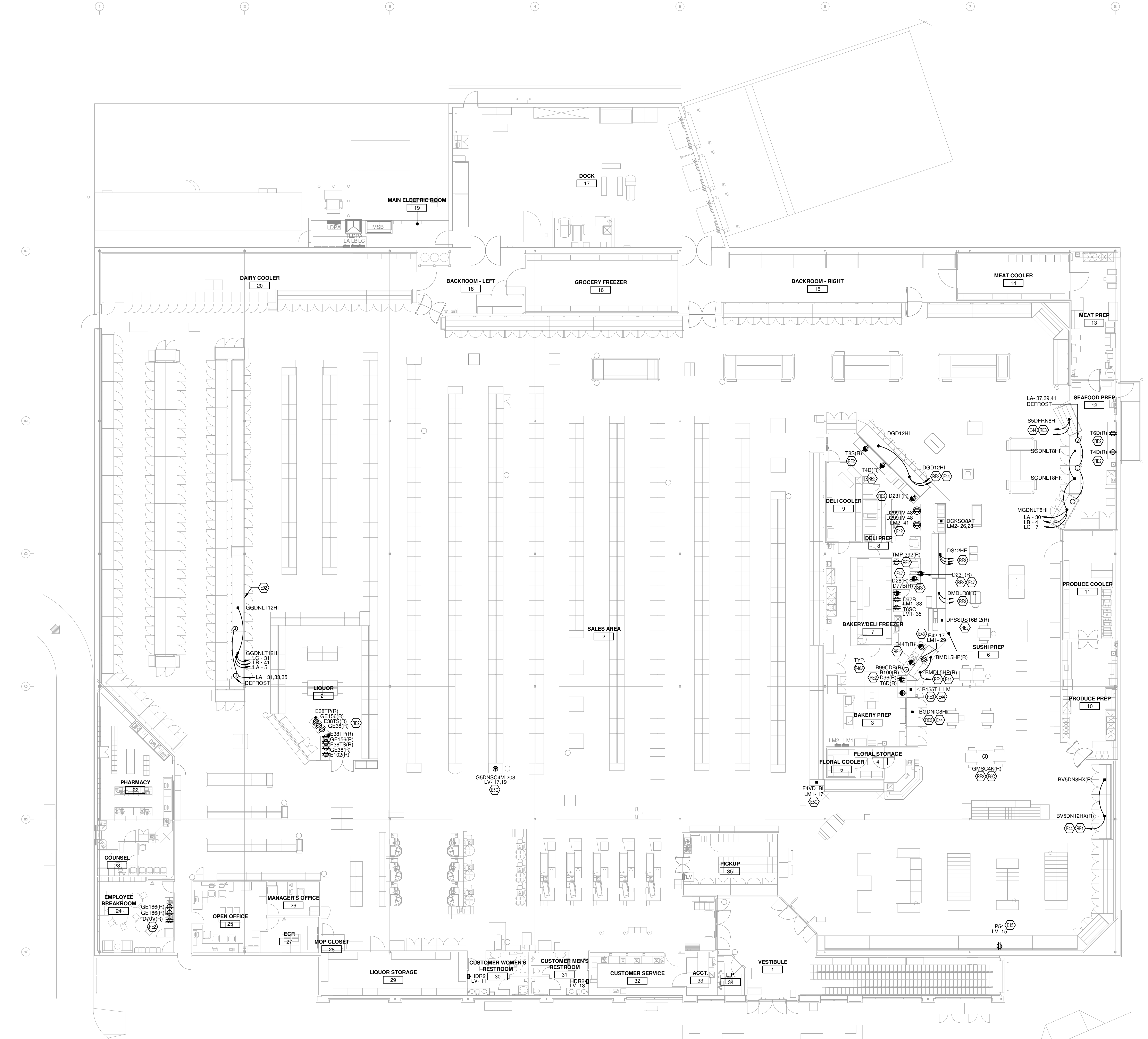
KEYED NOTES	
E43	FEC SHALL PROVIDE DUPLEX CONVENIENCE RECEPTACLE ON BASE OR TOP OF CASE. FIELD VERIFY EXACT LOCATION.
E44	BEC SHALL PROVIDE WIRING HOME-RUN FOR EQUIPMENT INDICATED FROM JUNCTION BOX BENEATH ADJACENT CASES. FEC SHALL EXTEND WIRING AND RACEWAY FROM THOSE JUNCTION BOXES TO EQUIPMENT SERVED AS REQUIRED.
E47	BEC TO PROVIDE JUNCTION BOX AND CONDUIT DROP AS SHOWN ON DETAIL 18 ON E5-SERIES DRAWINGS. CONDUIT DROP TO BE WHITE IN AREAS IN VIEW TO CUSTOMERS AND BLACK IN ROOMS NOT SUBJECT TO VIEW BY CUSTOMERS. FEC SHALL MAKE FINAL CONNECTIONS TO ISLAND EQUIPMENT AS SHOWN ON THE POWER PLANS.
E52	INDICATED CASES FED FROM ABOVE THROUGH VERTICAL RACEWAY/COLUMN-WRAP. BEC SHALL PROVIDE CIRCUIT TO JUNCTION BOX IN JUST SPACE. FEC SHALL PROVIDE CONDUIT AND WIRING TO MAKE FINAL TERMINATIONS AT REQUIRED CASES. COORDINATE CONDUIT DROPS WITHIN 12" OF OTHER TRADES (I.E. REFRIGERATION, PLUMBING). REFER TO EISD-2/RISD-36 FOR SERVICES CASES/SINGLE WIDE ISLANDS. REFER TO EISD-2/RISD-36A FOR LOW/DOUBLE WIDE ISLAND CASES. REFER TO E-SERIES SHEETS FOR EISD-2. REFER TO KROGER REFRIGERATION DRAWINGS FOR RISDS.
RE1	RECONNECT CIRCUIT TO RELOCATED OR NEW REPLACEMENT REFRIGERATION EQUIPMENT. UTILIZE EXISTING CONDUIT, RACEWAY, JUNCTION BOXES, WIRING, CIRCUITING, ETC. WHEREVER POSSIBLE. CONNECT FANS TO CIRCUITS THAT PREVIOUSLY SERVED FANS. LIGHTS TO CIRCUITS THAT PREVIOUSLY SERVED LIGHTS, ETC. PROVIDE ADDITIONAL CONDUIT AND WIRING AS/IF REQUIRED.
RE2	RELOCATE EXISTING EQUIPMENT TO LOCATION SHOWN. SEE DEMO POWER PLAN FOR EXISTING LOCATION. EXTEND/RELOCATE/SUPPLEMENT EXISTING CONDUIT AND WIRE FROM PREVIOUS CIRCUIT LOCATION TO NEW. PROVIDE ALL MATERIALS AS REQUIRED FOR A COMPLETE RELOCATION.
RE3	EXTEND/SUPPLEMENT EXISTING CIRCUIT(S) TO NEW EQUIPMENT SHOWN. CONNECT FANS TO CIRCUITS THAT PREVIOUSLY SERVED FANS. LIGHTS TO CIRCUITS THAT PREVIOUSLY SERVED LIGHTS, ETC. E.C. TO ENSURE NEWLY METERED LOAD OF EACH CIRCUIT DOES NOT EXCEED 1800W. PROVIDE ADDITIONAL CIRCUITS FROM SIMLAR PANEL FOR LOADS THAT EXCEED THIS LIMIT.

### SPARE CIRCUITS AND TV MONITOR RECEPTACLES

- A. IN ADDITION TO ITEM(S) BELOW AND IN ADDITION TO ALL OTHER ELECTRICAL WORK SHOWN ON DRAWINGS, PROVIDE A TOTAL OF FIVE (5) SPARE BRANCH CIRCUITS (INCLUDING NEW 1" CONDUIT PER CIRCUIT AND LABOR TO INSTALL CONDUIT, WIRE, AND TO MAKE FINAL CONNECTION), EACH UP TO 100 FEET FROM THE RESPECTIVE SOURCE PANELBOARD FOR FUTURE USE OR ADDITIONAL WORK AS DIRECTED BY KROGER. ASSUME EACH CIRCUIT SHALL BE 120V/20A/1P, BUT FIELD VERIFY EACH.
- B. IN ADDITION TO ALL OTHER ELECTRICAL WORK SHOWN ON DRAWINGS, PROVIDE ONE (1) DUPLEX RECEPTACLE EACH, FOR UP TO FOUR (4) TELEVISION MONITORS THAT WILL BE INSTALLED AT VARIOUS LOCATIONS THROUGHOUT THE FACILITY AS REQUIRED. PROVIDE 20A/120V BRANCH CIRCUIT CONDUIT, WIRING AND HOME-RUNS TO NEAREST NORMAL GENERAL POWER PANELBOARD THAT HAS AVAILABLE POLE SPACE & BREAKERS. UP TO FOUR (4) MONITORS MAY BE CONNECTED TO THE SAME CIRCUIT. DETERMINE EXACT LOCATIONS IN FIELD.

### GENERAL POWER NOTES

- A. REFER TO EQUIPMENT SCHEDULES ON SHEET E6.2 FOR MOUNTING HEIGHTS AND ADDITIONAL INFORMATION. SEE DETAILS ON E5-SERIES DRAWINGS WHERE APPLICABLE.
- B. ALL CONDUITS FOR COOLERS, FREEZERS, PREP ROOM EQUIPMENT FED FROM ABOVE SHALL BE RUN ON TOP OF INSULATED ROOF PANEL AND STUBBED THRU PANEL INTO PREP ROOM AT EQUIPPED LOCATION(S) SHOWN. SEE EISD-26 ON E5-SERIES DRAWINGS.
- C. FIELD COORDINATE UNDER-SLAB CONDUIT AND RACEWAY LAYOUTS WITH ALL AFFECTED PARTIES PRIOR TO SLAB PLACEMENT.
- D. PROVIDE 10 FEET OF FLEXIBLE CONDUIT FOR REFRIGERATED CASES SERVED FROM WALL JUNCTION BOXES FOR CONNECTION TO CASES BY THE FUTURE ELECTRICAL CONTRACTOR.
- E. REFER TO ELECTRICAL DIMENSION PLANS FOR GENERAL DIMENSIONAL INFORMATION THAT SHALL ALSO SCHEMATICALLY APPLY FOR CORRESPONDING SYSTEMS WORK.
- F. CIRCUITS PULLED THRU RACEWAYS SHALL BE 120V UNLESS INDICATED OTHERWISE.
- G. WHERE MORE THAN (1) ELECTRICAL LOAD IS INDICATED AT AN OUTLET, PROVIDE A SEPARATE CIRCUIT FROM THE ELECTRICAL PANEL FOR EACH LOAD.
- H. ALL ELECTRICAL AND COMMUNICATION JUNCTION/OUTLET BOXES SHOWN AGAINST THE WALL SHALL BE MOUNTED IN THE WALL. REFER TO THE ELECTRICAL EQUIPMENT SCHEDULE FOR MOUNTING INFORMATION.
- I. ROUTE ALL GLASS DOOR ANTI-SWEAT CIRCUIT HOME RUNS THROUGH THE PMAC PANEL LOCATED AT THE SOURCE PANELBOARD. ORIGINATE ALL CASE ANTI-SWEAT HEATER CIRCUITS FROM PANELBOARD(S) EXCLUSIVELY USED FOR ANTI-SWEAT HEATER CIRCUITS AND NOT REQUIRING ACCESS BY STORE PERSONNEL.
- J. E.C. SHALL MAKE FINAL TERMINATIONS AT BOTH ENDS OF EACH WIRE/CABLE AS APPLICABLE FOR DEFROST. PROVIDE SUFFICIENT SLACK AT BOTH ENDS TO ALLOW FOR SERVICE LOOPS AND TO FACILITATE PROPER TERMINATIONS. ELSEWHERE, INCLUDING POWER WIRING SHOWN ON OTHER DRAWING SHEETS, ELECTRICAL CONTRACTOR SHALL MAKE ALL REQUIRED TERMINATIONS.
- K. IN GENERAL, RECEPTACLES SHOWN WITHOUT EQUIPMENT MARKING OR OTHER CALLOUT ARE CONVENIENCE OUTLETS THAT SHALL BE MOUNTED AT 18" A.F.F.
- L. REGARDLESS OF WHERE IPX ARE SHOWN ON DRAWINGS, FEED CASES FROM WALL WHEREVER CASES ARE LOCATED AGAINST A WALL. INSTALL WALL OUTLET/JUNCTION BOXES FOR SUCH CASES SO THAT BOTTOMS OF BOXES ARE TWO (2) INCHES ABOVE TOP OF RESPECTIVE CASE (FIELD VERIFY).
- M. SEE DETAIL "F" ON E5-SERIES DRAWINGS FOR SPECIAL CIRCUITING AND DIMENSIONING REQUIREMENTS THAT APPLY TO REFRIGERATED CASE EQUIPMENT.
- N. FEC IS RESPONSIBLE FOR ALL NEC REQUIRED LOCAL DISCONNECTING MEANS (NOT FURNISHED WITH EQUIPMENT OR BY KROGER) FOR A COMPLETE INSTALLATION. PROVIDE ALL DISCONNECTING MEANS PER NEC 422.31.



1 ELECTRICAL POWER PLAN AND DETAILS  
3/32\" = 1' - 0"

**KLH ENGINEERS**  
KOHRS LONNEMANN HEL ENGINEERS, INC.  
MECHANICAL/ELECTRICAL ENGINEERS  
WWW.KLHENGRS.COM  
1538 ALEXANDRIA PIKE, SUITE 111  
FT. THOMAS, KENTUCKY 41075  
800-354-9783  
859-442-8590  
859-442-8593 FAX  
LEXINGTON, KENTUCKY  
LOUISVILLE, KENTUCKY  
COLUMBUS, OHIO

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#	Date	Change Description

**KROGER N856**  
 126 W HIGH ST  
FOSTORIA, OH 44830  
for THE KROGER COMPANY

<b>MOODY•NOLAN</b> 300 Spruce Street Suite 300 Columbus, Ohio 43215	Phone: (614) 461-4684 Fax: (614) 280-8881 www.moodynolan.com
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<b>ELECTRICAL POWER PLAN AND DETAILS</b>	<b>E1.3</b>
95% OWNER REVIEW	10/27/2023