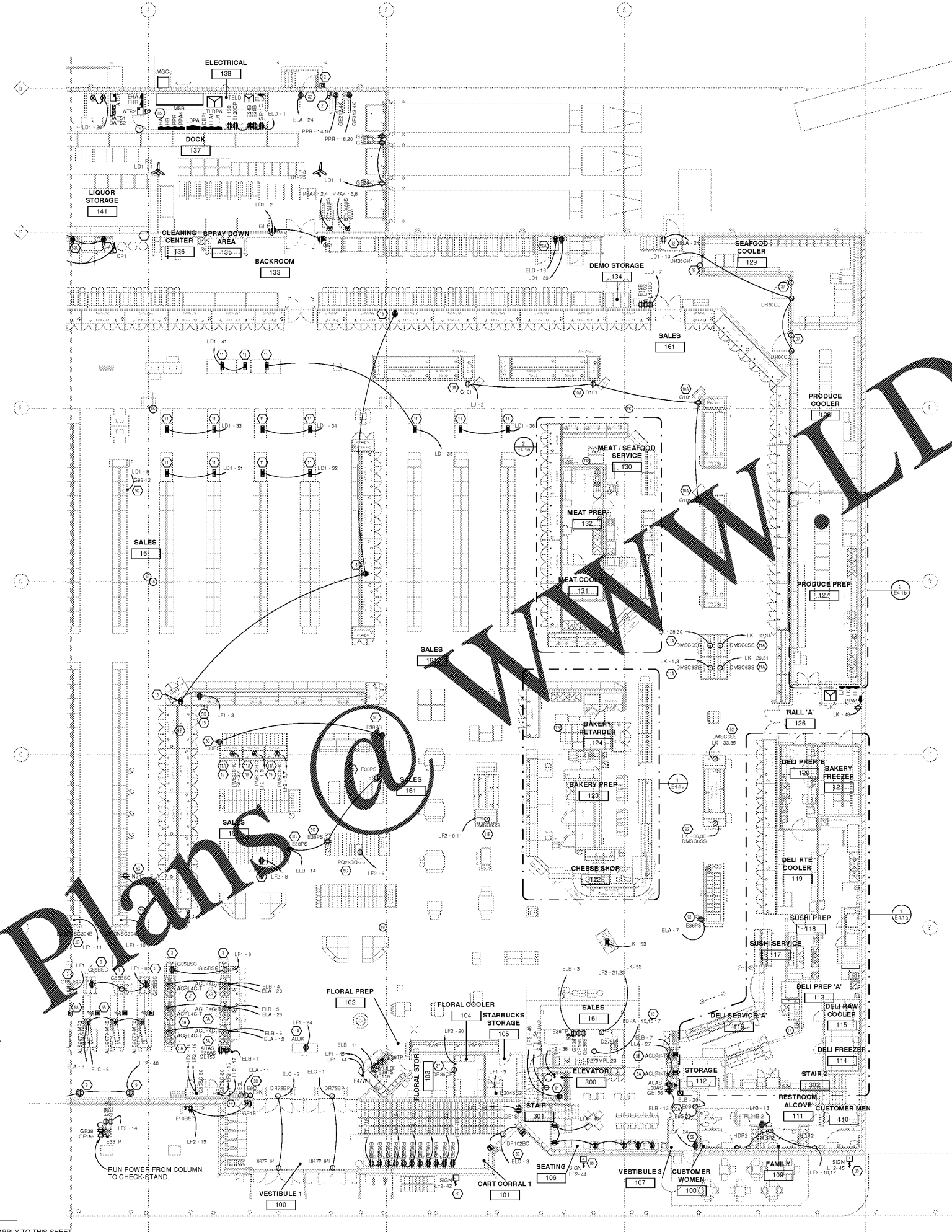


Order Plans @ WWW.LDMLINE.COM



- ### KEYED NOTES
1. BEC SHALL PROVIDE SURFACE MOUNTED 40VA TRANSFORMER EQUAL TO EDWARDS #88-2008 96" AFF WITH 120V PRIMARY AND 48V SECONDARY. BEC SHALL PROVIDE SURFACE MOUNTED VIBRATING BELL EDWARDS #40-46 IS MOUNTED ON WALL @ 96" AFF AT EXTERIOR DOCK DOOR. PROVIDE ADDITIONAL MOUNTED VIBRATING BELL OVER SERVICE. PROVIDE FLUSH PANEL MOUNTED TYPE BUTTON EDWARDS #86, RATED 10A AT 120V/240V WITH SEALED GASKETED STAINLESS STEEL COVER EDWARDS #141 (INSTALL AT 48" AFF IN 2-1/8" DEEP RECESSED BACK BOX). FEED EQUIPMENT VIA METHOD USED FOR ADJACENT CASHIER STATION. CONCEAL WORK WITH CHECKOUT CASEWORK. SEE DETAILS ESD 42 AND ESD 82A.
 2. PROVIDE HOLLOW TUBE STEEL POWER ROSE TO BE USED AS A CABLERACEWAY TO AFF THAT THE ROSE IS NOT A UL LISTED RACEWAY. ALSO, PROVIDE MATERIALS TO AFF TOP OF COUNTER/DONDA (OPEN ON TWO SIDES FOR EXIT OF CABLE/RACEWAYS) AND AS CELLS. A 2" OVERHEAD JOIST SPACE WITH UNBUILT JOIST NEARLY INSTALLED. BEC SHALL DETERMINE IN FIELD TRANSITION TO FLEXIBLE STEEL CONDUIT (WITH PARTLY SIZED GREEN INSULATED EQUIPMENT GROUND CONDUCTORS AT TOP OF POLE AND USE POLE AS A FEED DOWN TO COUNTER TOP EQUIPMENT. SEE DETAILS ESD 2, AND ESD-20A ON ES-SERIES DRAWINGS.
 3. UTILIZE ADJACENT RACEWAY IN SAME ROW OR COLUMN. CONCEAL ALL WIRING AND CONDUIT FROM VIEW IN JOIST SPACE TO SINGLE RACEWAY.
 4. PROVIDE PAINTED CONDUIT DROP (SUPPORTED PER DIVISION SPECIFICATIONS) FROM JOIST BOX IN JOIST SPACE TO EQUIPMENT SHOWN AND/OR EQUIPMENT. BEC SHALL PROVIDE RECEPTACLE FOR SHOW WINDOW MOUNTED IN THE FRAMED SOFFIT OVER WINDOW. MOUNTING RECEPTACLE IN FASCIA IS PROVIDED TO ENSURE NEC 210.12 REQUIREMENTS ARE SATISFIED.
 5. BEC SHALL ROUTE CIRCUIT TO JUNCTION BOX IN FLOOR UNDER CASE/UNIT. SHOW TO PROMOTE AND CONVENIENCE. VERIFY FINAL LOCATION WITH KROGER PM PRIOR TO INSTALLATION.
 6. BEC SHALL INSTALL OWNERS LABELLED CONDUIT FOR ELECTRICAL DROPS. SEE SPEC SECTION 28.05.33.10.A FOR MORE DETAILS.
 7. BEC TO PROVIDE POWER AND CONTROL WIRING AS SHOWN ON DETAIL ESD-14 ON ES-SERIES DRAWINGS. CORD DROP TO BE WHITE INSULATION. FINAL DROP TO BE INSTALLED ON CASE. CASE HAS TO MATCH RECEPTACLE SIZE AND RECEPTACLE WITH CASE REQUIREMENTS IN FIELD. VERIFY FINAL LOCATION WITH KROGER PM.
 8. BEC TO PROVIDE ADDITIONAL JUNCTION BOX AND CORD DROP AS SHOWN ON DETAIL ESD-14 ON ES-SERIES DRAWINGS. CORD DROP TO BE WHITE INSULATION. FINAL DROP TO BE INSTALLED ONLY AFTER CASE HAS BEEN SET. MATCH 90 CABLE SIZE AND RECEPTACLE WITH CASE REQUIREMENTS IN FIELD. VERIFY FINAL LOCATION WITH KROGER PM.
 9. BEC SHALL PROVIDE EXTERIOR JUNCTION BOX IN FLOOR UNDER CASE/SHELF FOR UNDERFLOOR FEED CASES. JUNCTION BOX FOR OVERHEAD FEED CASES AS SHOWN. BEC SHALL PROVIDE EXTERIOR RECEPTACLE FOR CASE. FOR BOMB PROTECTION. COORDINATE EXACT REQUIREMENTS AND LOCATIONS WITH KROGER ENGINEER. CONCEAL ALL WIRING METHODS. BEC SHALL PROVIDE COPPER FEEDER FROM JUNCTION BOX AT COFFEE KIOSK TO KIOSK PANELBOARD (SEE WORK BASE) AND PROVIDE FIELD WIRING CONNECTIONS THROUGHOUT COFFEE KIOSK. BEC SHALL BE REQUIRED TO RENDRER ALL EQUIPMENT/CASES FULLY RATIONAL COPPER FEEDER RATIO TO MATCH BREAKER SIZE SHOWN ON SINGLE LINE DIAGRAM. VERIFY FEEDER SIZE. COORDINATE WITH PANELBOARD LOGS PRIOR TO INSTALLATION OF COPPER FEEDER. REFER TO ARCHITECTURAL SHEET #1 FOR DIMENSIONS AND ES-SERIES DRAWINGS FOR STAINLESS DETAIL FOR ADDITIONAL INFORMATION ON EQUIPMENT LOCATIONS.
 10. BEC SHALL PROVIDE CIRCUIT FOR BERRY CASES IN JUNCTION BOX ABOVE CELL IN JOIST SPACE. BEC SHALL INSTALL CORD DROP FOR CASE(S) ONLY AFTER CASE IS SET IN ITS FINAL LOCATION.
 11. BEC 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 OPENER AT 96" AFF. PROVIDE FLUSH WALL MOUNTED KEYPAD OPERATOR 4" AFF IN EXTERIOR WALL ADJACENT TO GARAGE DOOR. PROVIDE TWO (2) WALL MOUNTED PUSHBUTTONS AT LOCATIONS SHOWN (4" AFF). PROVIDE FLUSH MOUNTED WALL SWITCH AT BASECART ENTRANCE NEAREST VESTIBULE. WIRED AHEAD OF ALL OTHER DOOR WORK (ENGRAVE WALL PLATE TO READ "OVERHEAD DOOR").
 12. BEC SHALL PROVIDE QUAD RECEPTACLE FOR "THEFT DETECTION ELECTRONIC SURVEILLANCE SYSTEM CONTROL BOX. SEE DETAIL ESD-98 ON ES-SERIES DRAWINGS. COORDINATE WORK WITH DECOR ELEMENTS AT DOORS IN SALES AND VESTIBULE AREAS.
 13. BEC SHALL PROVIDE QUAD RECEPTACLE FOR "THEFT DETECTION ELECTRONIC SURVEILLANCE SYSTEM CONTROL BOX. SEE DETAIL ESD-98A ON ES-SERIES DRAWINGS. COORDINATE WORK WITH DECOR ELEMENTS AT DOORS IN SALES AND VESTIBULE AREAS.
 14. REFER TO ESD-4 FOR ADDITIONAL INFORMATION ON COOLER/FREEZER DOOR SENSOR. TIE INTO COOLER/FREEZER LIGHTING CIRCUIT AHEAD OF SWITCHING CONTROLS.
 15. BEC SHALL PROVIDE HOME-RUN FOR "BX" AND/OR "RY" CONTROL PANEL AS APPLICABLE. SEE DETAIL ESD-98 ON ES-SERIES DRAWINGS. INSTALL AT 6" AFF. COORDINATE EXACT LOCATION AND DETAILS IN FIELD. BEC SHALL MAKE FINAL TERMINATIONS IN "BX" AND/OR "RY" PANELS. SEE SINGLE LINE DRAWING WHERE APPLICABLE FOR FURTHER RELATED REQUIREMENTS.
 16. BEC SHALL PROVIDE R/A CIRCUIT(S) FOR EXTERIOR BUILDING MOUNTED SIGNAGE AS INDICATED. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS. FIELD VERIFY ALL REQUIREMENTS FOR SIGN CIRCUITING, WALL PENETRATION LOCATIONS, ETC. BEFORE BEGINNING ANY RELATED ROUGH-IN WORK. ROUTE INDIVIDUAL CIRCUITS THROUGH LOCATIONS AT SOURCE PANELBOARDS AS INDICATED ON EM DRAWINGS. PROVIDE ALL REQUIRED CIRCUIT BREAKERS (V.F.) AS REQUIRED FOR SIGNS). TERMINATIONS AT SIGNS) TO BE MADE BY SIGNAGE CONTRACTOR. PROVIDE LOCAL WEATHERPROOF DISCONNECT SWITCH IF THE SIGNAGE DOES NOT HAVE AN INTEGRAL DISCONNECT.
 17. BEC TO INSTALL LIGHTING CONTACTORS ADJACENT TO PANEL/CIRCUITS BEING CONTROLLED AS MARKED ON POWER AND LIGHTING PLAN. SEE SINGLE LINE DIAGRAM AND PANELBOARD/CONTACTOR SCHEDULES ON THE E&P DRAWING FOR MORE DETAILS.
 18. SEE SHEET ES-SERIES DRAWINGS FOR ELEVATOR DETAIL THAT APPLIES TO ELEVATOR RELATED WORK SHOWN ON THIS SHEET.
 19. INDICATED CASES FED FROM ABOVE THROUGH VERTICAL RACEWAY/COLUMN WRAP. BEC SHALL PROVIDE CIRCUIT TO JUNCTION BOX IN JOIST SPACE. BEC SHALL PROVIDE CONDUIT AND WIRING TO MAKE FINAL TERMINATIONS AT REQUIRED CASES. COORDINATE CONDUIT DROPS WITHIN 1" OF OTHER TRADES (I.E. REFRIGERATION, PLUMBING). REFER TO ESD-89/90 FOR SERVICES CASE SINGLE WIRE BUNDLES. REFER TO ESD-90/91 FOR LOW-VOLTAGE WIRE ISLAND CASES. REFER TO ES-SERIES SHEETS FOR ESD 2. REFER TO KROGER REFRIGERATION DRAWINGS FOR RFD'S.

LDMLINE.COM
 CINCINNATI 600 Vine Street, Suite 400, Cincinnati, OH 45202
 DENVER 1475 Broadway, Suite 400, Denver, CO 80202
 CHICAGO 500 North Dearborn Street, Suite 400, Chicago, IL 60610
 MIAMI 200 Biscayne Boulevard, Suite 400, Miami, FL 33132
 PHOENIX 100 North Central Avenue, Suite 400, Phoenix, AZ 85004
 SAN ANTONIO 100 North Main Street, Suite 400, San Antonio, TX 78205
 TAMPA 100 North Main Street, Suite 400, Tampa, FL 33602
 WASHINGTON DC 100 North Main Street, Suite 400, Washington, DC 20001

creating extraordinary places
 www.ldmline.com
 800-469-4444

architecture + design

MECHANICAL/ELECTRICAL ENGINEERS
 WWW.KHENGST.COM
 LEVINGTON, KENTUCKY
 LOUISVILLE, KENTUCKY
 NEW YORK, NEW YORK

150 ALABAMA STREET, SUITE 11
 FT. THOMAS, KENTUCKY 40325
 502-446-8985
 502-446-8986 FAX

OWNER

DATE: 10/25/18
 ISSUE: 10/25/18 15% OWNER REVIEW
 11/01/18 100% BOPERMAT

DATE: 10/25/18
 REVISION: 10/25/18

PROJECT TITLE
**KROGER STORE
 R543**

MERCURY BLVD.
 HAMPTON, VA

COMMISSIONING: 5/17/15
 ISSUE DATE: 10/23/2018
 SHEET TITLE
**ELECTRICAL
 POWER PLAN AND
 DETAILS - EAST**

SHEET NO.
E1.3b

©2018 LDMLINE.COM

OWNER/SHIP OF MATERIALS AND EQUIPMENT IS THE RESPONSIBILITY OF THE CONSULTANT AND NOT THE CONTRACTOR. THE CONSULTANT SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL INFORMATION PROVIDED TO THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL INFORMATION PROVIDED TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL INFORMATION PROVIDED TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL INFORMATION PROVIDED TO THE OWNER.

11/10/2018 2:27:42 PM

ELECTRICAL POWER PLAN AND DETAILS - EAST
 3/32" = 1'-0"
 REFER TO SHEET E1.3a FOR NOTES THAT MAY APPLY TO THIS SHEET