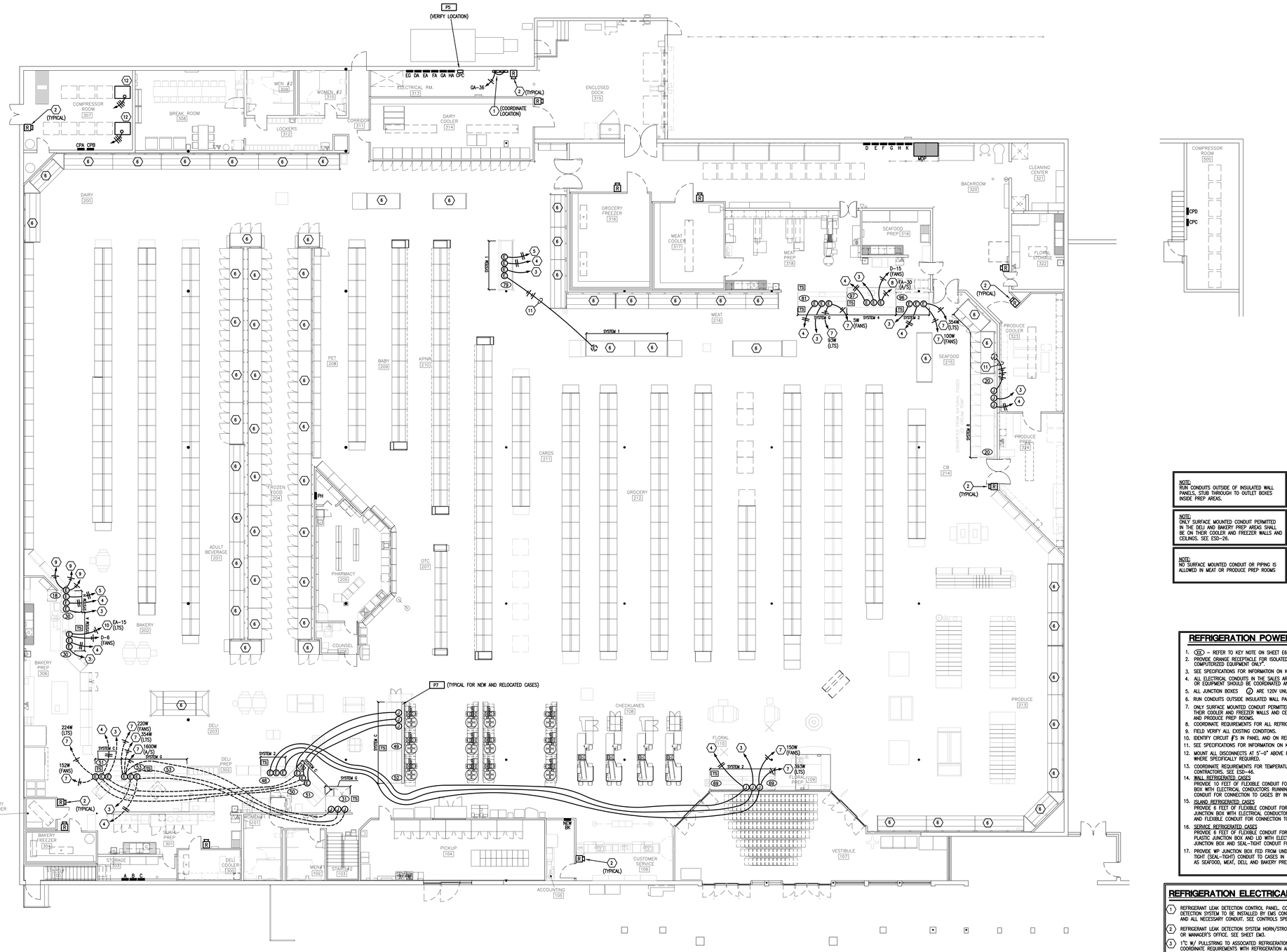

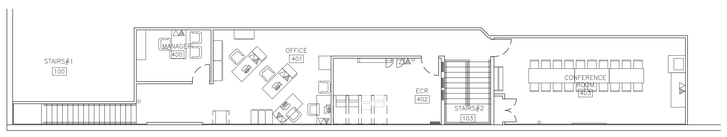

NOTE:
RUN CONDUITS OUTSIDE OF INSULATED WALL PANELS, STUB THROUGH TO OUTLET BOXES INSIDE PREP AREAS.

NOTE:
ONLY SURFACE MOUNTED CONDUIT PERMITTED IN THE DELI AND BAKERY PREP AREAS SHALL BE ON THEIR COOLER AND FREEZER WALLS AND CEILINGS. SEE ESD-26.

NOTE:
NO SURFACE MOUNTED CONDUIT OR PIPING IS ALLOWED IN MEAT OR PRODUCE PREP ROOMS

REFRIGERATION POWER NOTES (GENERAL)

1. (XX) – REFER TO KEY NOTE ON SHEET E6.2 FOR EQUIPMENT CONNECTIONS, MOUNTING HEIGHTS, ETC.
2. PROVIDE ORANGE RECEPTACLE FOR ISOLATED GROUND EQUIPMENT WITH NAMEPLATE "FOR COMPUTERIZED EQUIPMENT ONLY".
3. SEE SPECIFICATIONS FOR INFORMATION ON KROGER DIRECT BUY PROGRAM.
4. ALL ELECTRICAL CONDUITS IN THE SALES AREA DESCENDING FROM ROOF FRAMING TO EITHER LOW WALLS OR EQUIPMENT SHOULD BE COORDINATED AND GROUPED TOGETHER WITH OTHER MECHANICAL PIPES.
5. ALL JUNCTION BOXES (J) ARE 120V UNLESS INDICATED OTHERWISE.
6. RUN CONDUITS OUTSIDE INSULATED WALL PANELS, STUB THRU TO OUTLET BOXES INSIDE PREP ROOMS.
7. ONLY SURFACE MOUNTED CONDUIT PERMITTED IN THE DELI AND BAKERY PREP AREAS SHALL BE ON THEIR COOLER AND FREEZER WALLS AND CEILINGS. NO SURFACE MOUNTED CONDUIT IS ALLOWED IN MEAT AND PRODUCE PREP ROOMS.
8. COORDINATE REQUIREMENTS FOR ALL REFRIGERATION EQUIPMENT WITH THE REFRIGERATION CONTRACTOR.
9. FIELD VERIFY ALL EXISTING CONDITIONS.
10. IDENTIFY CIRCUIT #'S IN PANEL AND ON RED LINE "AS-BUILT" SET.
11. SEE SPECIFICATIONS FOR INFORMATION ON KROGER DIRECT BUY PROGRAM.
12. MOUNT ALL DISCONNECTS AT 5'-0" ABOVE FINISHED FLOOR TO DISCONNECT HANDLE OR AT HEIGHT WHERE SPECIFICALLY REQUIRED.
13. COORDINATE REQUIREMENTS FOR TEMPERATURE AND HUMIDITY SENSORS WITH THE MECHANICAL AND EMS CONTRACTORS. SEE ESD-46.
14. WALL REFRIGERATED CASES
    PROVIDE 10 FEET OF FLEXIBLE CONDUIT FOR REFRIGERATED CASES CONNECTED TO WALL JUNCTION BOX WITH ELECTRICAL CONDUCTORS RUNNING CONTINUOUSLY THRU JUNCTION BOX AND FLEXIBLE CONDUIT FOR CONNECTION TO CASES BY INSTALLATION CONTRACTOR.
15. ISLAND REFRIGERATED CASES
    PROVIDE 6 FEET OF FLEXIBLE CONDUIT FOR REFRIGERATED CASES CONNECTED TO FLOOR MOUNTED JUNCTION BOX WITH ELECTRICAL CONDUCTORS RUNNING CONTINUOUSLY THROUGH JUNCTION BOX AND FLEXIBLE CONDUIT FOR CONNECTION TO CASES BY INSTALLATION CONTRACTOR.
16. SERVICE REFRIGERATED CASES
    PROVIDE 6 FEET OF FLEXIBLE CONDUIT FOR REFRIGERATED CASES CONNECTED TO FLOOR MOUNTED PLASTIC JUNCTION BOX AND LID WITH ELECTRICAL CONDUCTORS RUNNING CONTINUOUSLY THROUGH JUNCTION BOX AND SEAL-TIGHT CONDUIT FOR CONNECTION TO CASES BY INSTALLATION CONTRACTOR.
17. PROVIDE WP JUNCTION BOX FED FROM UNDER SLAB WITH POWER CONDUCTORS INSTALLED IN LIQUID TIGHT (SEAL-TIGHT) CONDUIT TO CASES IN OR IMMEDIATELY ADJACENT TO A WASH DOWN AREA SUCH AS SEAFOOD, MEAT, DELI, AND BAKERY PREP AREAS.

REFRIGERATION ELECTRICAL NOTES (SPECIFIC)

1. REFRIGERANT LEAK DETECTION CONTROL PANEL. COORDINATE EXACT LOCATION IN FIELD. REFRIGERANT LEAK DETECTION SYSTEM TO BE INSTALLED BY EMS CONTRACTOR. E.C. TO PROVIDE 120V POWER TO CONTROL PANEL AND ALL NECESSARY CONDUIT. SEE CONTROLS SPECIFICATIONS AND EM DWGS FOR ADDITIONAL INFORMATION.
2. REFRIGERANT LEAK DETECTION SYSTEM HORN/STROBE. ONE FOR EACH ZONE PLUS ONE IN CUSTOMER SERVICE OR MANAGER'S OFFICE. SEE SHEET EM3.
3. 1"C W/ PULLSTRING TO ASSOCIATED REFRIGERATION UNIT / CONTROL PANEL FOR LOW VOLTAGE SENSOR CABLE. COORDINATE REQUIREMENTS WITH REFRIGERATION AND EMS CONTRACTORS.
4. 1"C W/ 2#14,1#12G TO ASSOCIATED REFRIGERATION SYSTEM FOR 208V CONTROL WIRING. VERIFY REQUIREMENTS WITH THE REFRIGERATION AND EMS CONTRACTORS. REUSE EXISTING WHERE POSSIBLE. 208V WIRE BY OTHERS.
5. 2#10,1#10G,1"C OR AS INDICATED ON PLAN TO ASSOCIATED REFRIGERATION UNIT OR DEFROST PANEL. VERIFY REQUIREMENTS WITH THE REFRIGERATION CONTRACTOR PRIOR TO ROUGH-IN.
6. EXISTING REFRIGERATED CASE TO REMAIN.
7. EXTEND CIRCUITS MADE SPARE BY DEMOLITION OF EXISTING REFRIGERATED CASES. UTILIZE CONTROLLED CIRCUITS FOR LIGHTS AND ANTI-SWEATS. FIELD VERIFY AVAILABLE CIRCUITS AND LOADS.
8. ROUTE NEW ANTI-SWEAT CIRCUITS THROUGH ANTI-SWEAT CONTROL PANEL. COORDINATE REQUIREMENTS WITH THE REFRIGERATION CONTRACTOR.
9. EXTEND EXISTING CIRCUITS AS REQUIRED FOR RELOCATED CASES.
10. RUN NEW CASE LIGHTING CIRCUITS THROUGH SPARE POLE IN EXISTING CONTACTOR FOR EMS CONTROL ALONG WITH OTHER CASE LIGHTS. IF NO SPARE POLE IS AVAILABLE, PROVIDE NEW CONTACTOR IN ENCLOSURE AND CONTROL CABLING AS REQUIRED TO EMS PANEL. FIELD VERIFY CONDITIONS AND EXTENT OF WORK.
11. TIE NEW FAN, LIGHT, AND/OR ANTI-SWEAT CIRCUITS (SEE CASE EQUIPMENT REQUIREMENTS) ONTO EXISTING CASE CIRCUITS ON SAME REFRIGERATION SYSTEM AS INDICATED. FIELD VERIFY CONDITIONS AND LOADS. PROVIDE NEW CIRCUIT(S) AND SPLIT LOADS IF NECESSARY.
12. NEW REFRIGERATION SYSTEMS 2 AND 8. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH THE REFRIGERATION CONTRACTOR. UTILIZE EXISTING BREAKERS IN PANEL "CPA" OR "CPB" MADE SPARE BY DICONNECTION OF ABANDONED SYSTEMS F, 3, OR 13 WHERE POSSIBLE. PROVIDE NEW BREAKER(S) IF REQUIRED. NEW LOADS TO BE OFFSET BY REMOVAL OF EXISTING.

SPECIAL REPAIR NOTES

PXX SEE SPECIAL REPAIR NOTE LIST ON SHEET E6.2. REFER TO CRESCENT CONSTRUCTION SERVICES, LLC ELECTRICAL SURVEY REPORT FOR ADDITIONAL INFORMATION.

1 / E1.4 REFRIGERATION ELECTRICAL PLAN
3/32" = 1'-0"

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A REMODEL FOR:
KROGER R-215
7480 LEE HWY
FAIRLAWN, VA

PROJECT KROGER MID-ATLANTIC

6-1-2020
DATE CONSTRUCTION SET

REFRIGERATION ELECTRICAL PLAN
SHEET TITLE

REVISIONS		
MARK	DATE	DESCRIPTION

PROJECT NO: 20201
CAD DWG FILE: R-215 E1.4
DRAWN BY: WSM
CHK'D BY: SWH

E1.4
SHEET NO.