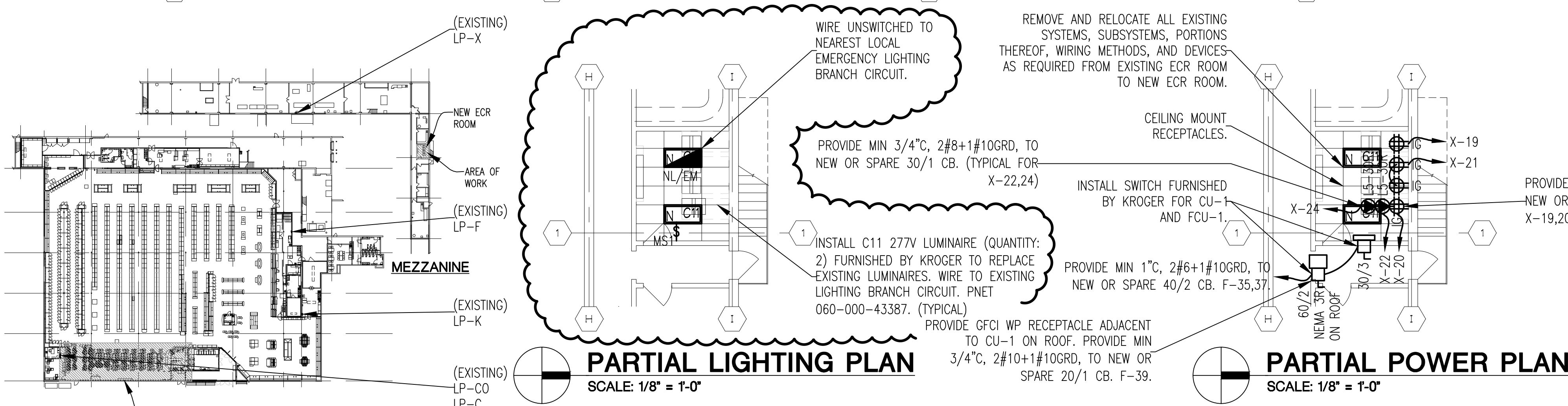
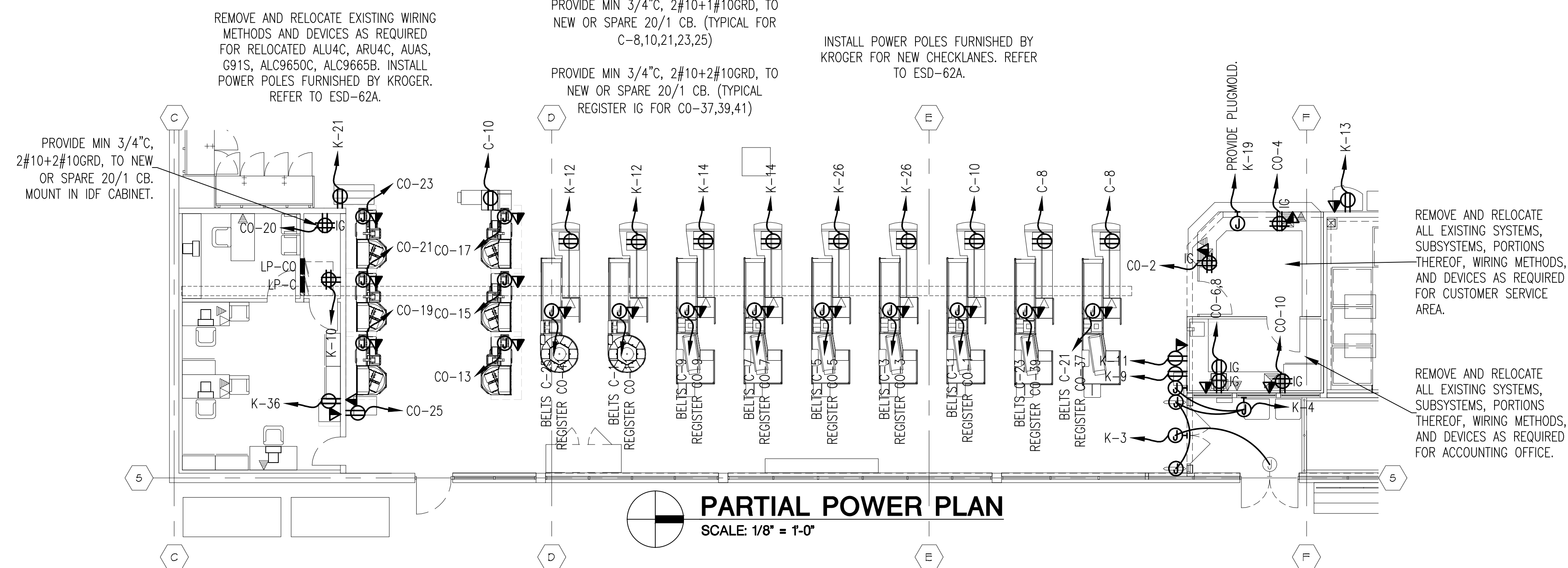
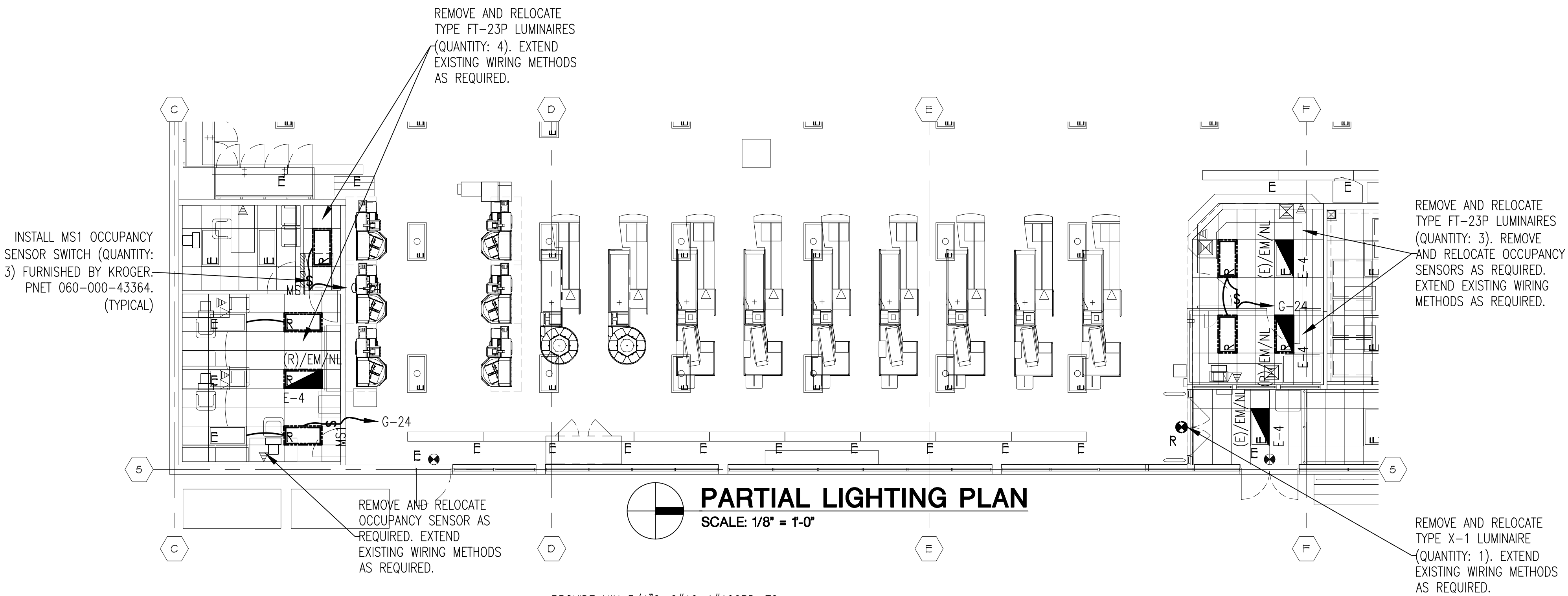


GENERAL NOTES

1. NOT ALL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES MAY BE APPLICABLE TO THIS PROJECT.
2. EC SHALL NOT SCALE DRAWINGS. EC SHALL USE FIGURED DIMENSIONS ONLY.
3. DRAWINGS INDICATE ONLY INTENT; IDENTIFIED CIRCUITS BASED ON ACCESSIBLE EQUIPMENT AND DIRECTORIES AND AVAILABLE RECORD DOCUMENTS, WHICH MAY CONTAIN INACCURACIES. EC SHALL FIELD VERIFY AVAILABLE CIRCUITS, LOADS, AND EQUIPMENT, LUMINAIRE, AND DEVICE QUANTITIES. EC SHALL BALANCE LOADS AND MAKE ADJUSTMENTS AS REQUIRED FOR ACTUAL FIELD CONDITIONS.
4. EC SHALL MAINTAIN OPERATION OF ALL EXISTING ELECTRICAL SYSTEMS, SUBSYSTEMS, AND PORTIONS THEREOF, TO REMAIN. EC SHALL INCLUDE IN HIS BASE BID ALL TEMPORARY WORK REQUIRED TO MAINTAIN OPERATION DURING ESTABLISHED CONSTRUCTION PHASING.
5. THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL."
6. WHERE THE TERM "RELOCATE" IS USED IN THESE DRAWINGS, EC SHALL PROVIDE NEW DEVICES, COVER PLATES, AND WIRING METHODS MATCHING THE ORIGINAL DEVICES, COVER PLATES, AND WIRING METHODS WHERE PRACTICABLE. EC SHALL EXTEND EXISTING WIRING METHODS AS REQUIRED TO ACCOMMODATE NEW EQUIPMENT LOCATIONS. EC SHALL PROVIDE ADJUSTMENTS OR ADDITIONAL BRANCH CIRCUITS AS REQUIRED FROM NEAREST SUITABLE PANELBOARD.
7. CONDUIT AND WIRE SIZES INDICATED ARE MINIMUM REQUIREMENTS. EC MAY COMBINE HOMERUNS AT HIS OPTION, DERATE CONDUCTORS, AND MAKE ADJUSTMENTS AS REQUIRED FOR HIS SPECIFIC METHOD OF INSTALLATION.
8. EC SHALL ENSURE FEEDER VOLTAGE DROP SHALL NOT EXCEED 2% AND BRANCH CIRCUIT VOLTAGE DROP SHALL NOT EXCEED 3%. EC SHALL MAKE ADJUSTMENTS AS REQUIRED FOR HIS SPECIFIC METHOD OF INSTALLATION. SHOULD ANY EQUIPMENT FAIL TO OPERATE PROPERLY WITHIN THE WARRANTY PERIOD DUE TO IMPROPER VOLTAGE, EC SHALL CORRECT IMPROPER VOLTAGE WITHIN SEVENTY-TWO HOURS UPON RECEIVING WRITTEN NOTICE.
9. EC SHALL ENSURE ALL LUMINAIRES ARE FURNISHED WITH FACTORY LABELS INDICATING MAXIMUM LAMP WATTAGES NOT EXCEEDING THOSE SPECIFIED.
10. EC SHALL ENSURE ALL LUMINAIRES ARE FURNISHED WITH FACTORY LABELS INDICATING COMPATIBILITY WITH UL FIRE-RATED CEILING ASSEMBLIES AS REQUIRED.
11. EC SHALL INCLUDE IN HIS BASE BID AN ADD/Deduct UNIT PRICE FOR EACH TYPE OF EMERGENCY OR EXIT LIGHTING COMPLETELY INSTALLED, INCLUDING, BUT NOT LIMITED TO, THE LUMINAIRE AND BRANCH CIRCUIT WIRING METHODS.
12. EC SHALL PROVIDE GFCI PROTECTION FOR ALL 125/15/1 AND 125/20/1 RECEPTACLES IN NON-DWELLING UNIT KITCHENS AS REQUIRED BY CODE.
13. EC SHALL PROVIDE INDIVIDUAL GFCI RECEPTACLES. EC SHALL NOT WIRE NON-GFCI RECEPTACLES TO LOAD SIDE OF GFCI RECEPTACLE.
14. EC SHALL PROVIDE AFCI PROTECTION FOR ALL 120/15/1 AND 120/20/1 BRANCH CIRCUITS SERVING DWELLING UNIT BEDROOMS AS REQUIRED BY CODE.
15. EC SHALL PROVIDE A SUITABLE DISCONNECTING MEANS FOR EACH FLUORESCENT LUMINAIRE AS REQUIRED BY CODE.
16. EC SHALL PROVIDE A SUITABLE DISCONNECTING MEANS IMMEDIATELY ADJACENT TO ALL EQUIPMENT AS REQUIRED BY CODE WHERE SUCH DISCONNECTING MEANS IS NOT PROVIDED AS A FACTORY OPTION.
17. EC SHALL BOND METALLIC STRUCTURAL COMPONENTS, UNDERWATER LIGHTING, METAL FITTINGS, ELECTRICAL EQUIPMENT, METAL WIRING METHODS AND EQUIPMENT AT SWIMMING POOLS, FOUNTAINS, OR SIMILAR INSTALLATIONS TO A COMMON EQUIPOTENTIAL BONDING GRID WITH MIN 1#8 CU AS REQUIRED BY CODE.
18. EC SHALL COORDINATE WITH OTHER TRADES AND PROVIDE ALL HARD-WIRED CONNECTIONS AND RECEPTACLE, PLUG, AND CORD SETS AS REQUIRED FOR OTHER TRADES' EQUIPMENT UNLESS NOTED OTHERWISE. EC SHALL MAKE ADJUSTMENTS AS REQUIRED TO ACCOMMODATE CHANGES ORIGINATED BY OTHER TRADES OR IN ACTUAL
19. COORDINATE SCHEDULING WITH KROGER ENGINEER TO PERMIT KROGER TO CONDUCT NORMAL BUSINESS OPERATIONS DURING CONSTRUCTION. (ALL NIGHTWORK, ETC. CASE CHANGES TO BE STARTED AT 10:00PM AND COMPLETED AND RUNNING BY 7:00AM NEXT DAY)
20. REUSE EXISTING BRANCH CIRCUITS MADE AVAILABLE BY DEMOLITION WHERE PRACTICABLE UNLESS NOTED OTHERWISE. EXTEND EXISTING WIRING METHODS AS REQUIRED TO ACCOMMODATE NEW EQUIPMENT LOCATIONS. PROVIDE ADJUSTMENTS OR ADDITIONAL BRANCH CIRCUITS AS REQUIRED FROM NEAREST SUITABLE PANELBOARD. ROUTE NEW RACEWAYS BY MOST PRACTICAL CONCEALED MEANS AVAILABLE UNLESS NOTED OTHERWISE. DO NOT INSTALL EXPOSED RACEWAYS OR SAWCUT WITHOUT THE CONSENT OF THE KROGER ENGINEER.
21. UPDATE ALL LABELS AND DIRECTORIES FOR BRANCH CIRCUITS AFFECTED BY NEW CONSTRUCTION. HANDWRITTEN IDENTIFICATION SHALL NOT BE ACCEPTABLE.
22. COORDINATE AND GROUP TOGETHER ALL PIPE DROPS IN SALES AREA FROM ROOF TO LOW WALLS OR EQUIPMENT WITH OTHER MECHANICAL PIPES.
23. KROGER SHALL HANDLE LOW VOLTAGE WIRING FOR VOICE AND DATA DIRECTLY.

ELECTRICAL REQUIREMENTS UPON EQUIPMENT DELIVERY.



ADDENDUM NO 1  
BIDS & PERMITS  
OWNER REVIEW

04-30-2012  
04-10-2012  
03-29-2012

PROPOSED MINOR REMODEL FOR:  
  
STORE NO. D-447  
23101 JOHN R ROAD  
HAZEL PARK, MICHIGAN 48030  
THE KROGER CO.

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PARTIAL ELECTRICAL PLAN

project no. 1211

sheet no. E-1