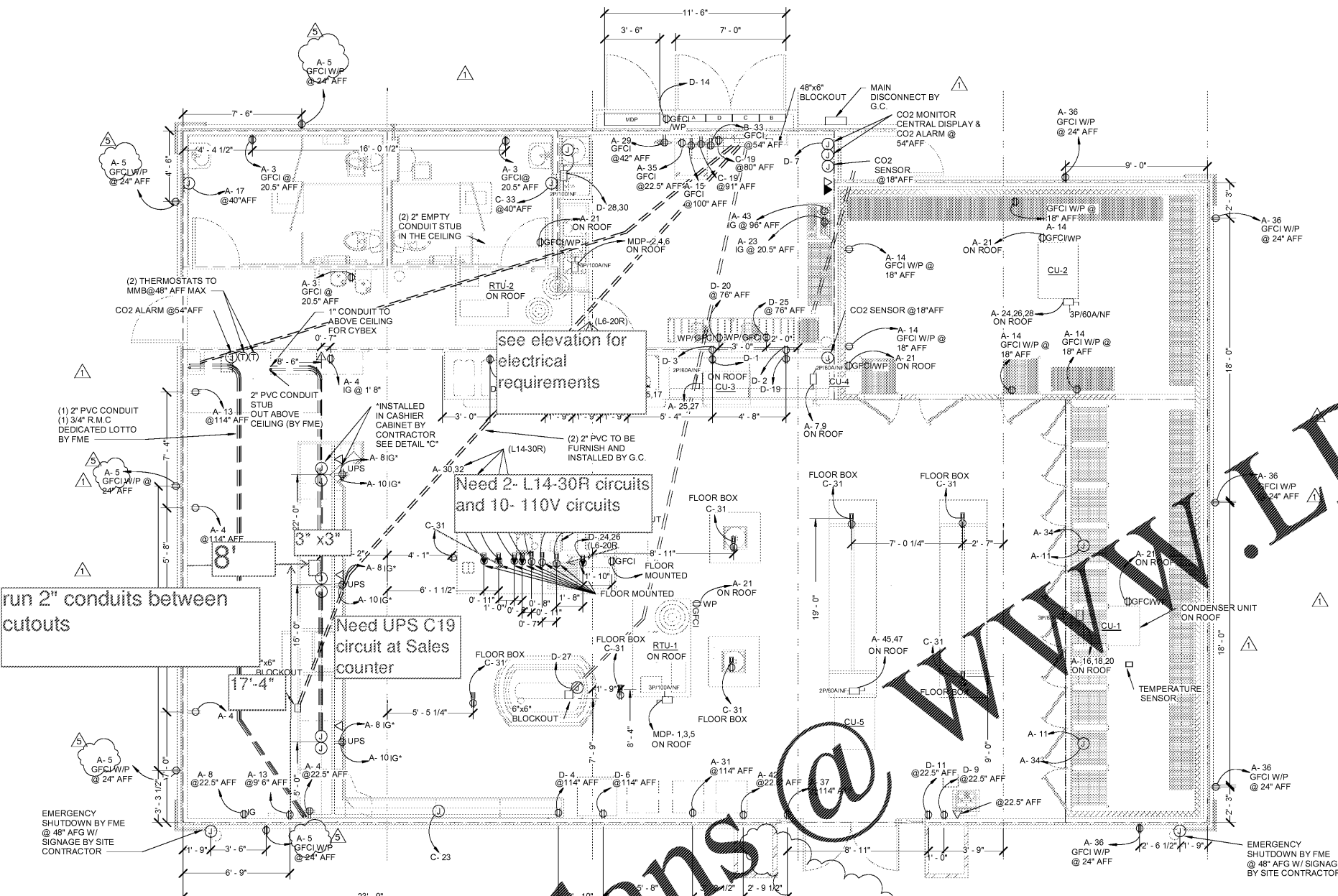


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ISSUE RECORD	
DATE	REV. DESCRIPTION
09/12/2018	1 PERMIT SUBMISSION SET
11/16/2018	2 REVISED PERMIT SET
01/11/2019	3 RESPONSES TO ARI COMMENTS
01/28/2019	4 BID SET
03/27/2019	5 IFC SET



GENERAL NOTES

- ALL WIRING TO BE COPPER TYPE THHN OR THWN INSTALLED IN CONDUIT PER THE NATIONAL ELECTRICAL CODE.
- ELECTRICAL SYSTEMS SHALL BE INSTALLED PER APPLICABLE CODE AND IN ACCORDANCE WITH ALL APPLICABLE UTILITY COMPANY SPECIFICATIONS AND MUNICIPAL JURISDICTIONAL CODES.
- SITE ELECTRICIAN IS RESPONSIBLE FOR MOUNTING CT, METER, AND MAKING FINAL ELECTRICAL CONNECTION OF SERVICE TO BUILDING PANEL.
- SITE ELECTRICIAN TO MAKE PRIMARY GROUNDING TO BUILDING PIPING PER NFPA ARTICLE 300.18 AND SHALL BE SECURELY FASTENED IN PLACE AND SUPPORTED IN ACCORDANCE WITH NEC ARTICLE 300.30(A) AND (B).
- ALL OUTLETS TO BE LOCATED @ 22 1/2" A.F.F. (U.N.O.)
- GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING A FAULT CURRENT STUDY IF REQUIRED BY LOCAL AUTHORITIES. INTERRUPTING RATING OF SERVICE EQUIPMENT IN BUILDING SHALL BE AS A GENERAL CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY AND DETERMINE AVAILABLE FAULT CURRENT. A REMOTE MAIN SWITCH WITH CURRENT LIMITING FUSES SHALL BE PROVIDED AND INSTALLED IF NECESSARY BY G.C.
- INSTALLATION OF HVAC BY FMS. HOOK UP BY THE CONTRACTOR.
- THE PANEL & WIRING SHALL BE PROVIDED BY FMS AS PART OF THE BUILDING. THE SITE CONTRACTOR WILL PROVIDE ALL BREAKERS AND WIRING FOR FIELD DISTRIBUTION. A WRITTEN DIAGRAM OF THE PANEL LAYOUT SHALL BE PROVIDED BY THE SITE CONTRACTOR.
- ALL CROSSOVER CONNECTIONS AND ROOF PENETRATIONS BY G.C.
- SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- RECEPTACLE TO BE FIELD INSTALLED BY OTHERS.
- ALL CROSS-OVER WIRES ARE TO BE LABELED FOR SITE ELECTRICIAN.
- DO NOT ENRIGNE MMB TO BE POWERED BY ONEAC ON SITE.
- PULL DIMENSIONS ARE TAKEN FROM OUTSIDE OF THE STEEL BASE FRAME OF THE BUILDING.
- PROVIDE SEW OFF FITTING AT EACH END OF CONDUIT FOR HAZARDOUS AREAS.
- CO2 MONITOR AND SENSORS, CO2 SENTRY MODEL Y78-CO2MTR. CO2 MONITOR, BOX, WIRINGS, ETC. IN DAMP LOCATION (E.G., COOLER, ETC) SHALL COMPLY WITH INSTALLATION PER NEC 314.

ELECTRICAL LEGEND

- NON-FUSED GENERAL DUTY DISCONNECT
- ⌋ JUNCTION BOX OR OUTLET BOX CONCEALED ABOVE CEILING
- ⊕ SIMPLEX 15A - 125V LOCKING TYPE ISOLATED GROUND RECEPTACLE, IGS282
- ⊕ DUPLEX 20A, 125V RECEPTACLE @22.5" AFF
- ⊕ DOUBLE DUPLEX
- ⊕ QUAD DUPLEX
- ⊕ DUPLEX 15A, 125V ISOLATED GND. RECEPTACLE IGS262
- ▽ WALL MOUNTED TELEPHONE OUTLET
- NUMBER IN CIRCLE REFERS TO EQUIPMENT OR WIRING NOTES ON THE DRAWING ON WHICH THE SYMBOL APPEARS
- WP WEATHERPROOF
- A.F.F. ABOVE FINISHED FLOOR (C OF BOX)
- G.F.C.I. GROUND FAULT CIRCUIT INTERRUPTER TYPE OUTLET
- NL NIGHT LIGHT
- OS OCCUPANCY SENSOR
- IG ISOLATED GROUND

NOTE: ALL CROSS-OVER WIRES ARE TO BE LABELED FOR SITE ELECTRICIAN.

NOTE: ALL PULL DIMENSIONS ARE TAKEN FROM OUTSIDE OF THE STEEL BASE FRAME OF THE BUILDING. EXCEPT AS NOTED.

SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.

DO NOT ENRIGNE MMB TO BE POWERED BY ONEAC ON SITE.

RECEPTACLES TO BE FIELD INSTALLED BY OTHERS. ELECTRICAL RECEPTACLES TO BE MOUNTED TO BACK PANEL HIGH TO UNDERSIDE OF COUNTERTOP. ELECTRICIAN TO COORDINATE FINAL LOCATIONS WITH MURPHY CONSTRUCTION PM.

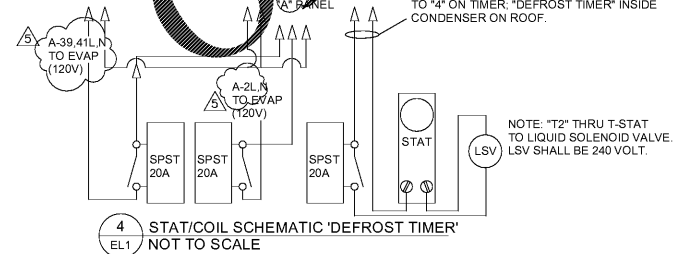
run 2" conduits between cutouts

see elevation for electrical requirements

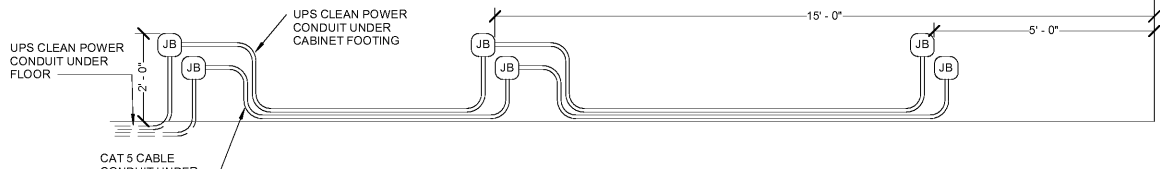
Need 2- L14-30R circuits and 10- 110V circuits

Need UPS C19 circuit at Sales counter

1 ELECTRICAL POWER PLAN
1/4" = 1'-0"

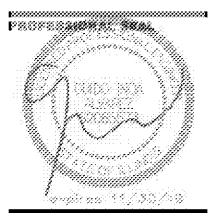


4 STAT/COIL SCHEMATIC 'DEFROST TIMER'
EL1 NOT TO SCALE



5 DETAIL "C" (CASHIER AREA)
1/2" = 1'-0"

Order Plans @ WWW.LDINTE.COM



PROFESSIONAL IN CHARGE
GUIDO INDA ALVAREZ

PROJECT MANAGER
ERIC WONG

QUALITY CONTROL
FRANK TROWBRIDGE

DRAWN BY
FRANK TROWBRIDGE

PROJECT NAME



MURPHY OIL CONVENIENCE STORE
SEQ ROUTE 59 & 111TH. ST.

NAPERVILLE, IL 60564



1801 Rockdale Industrial Blvd.
Conyers, Georgia 30012
Voice: (800) 366-6385
Fax: (770) 483-8037
FMS JOB NUMBER
G18ML00056
FMS MODEL NUMBER
XXXXXX

PROJECT NUMBER
20180295.5

SHEET TITLE

ELECTRICAL PLAN

SHEET NUMBER

EL1