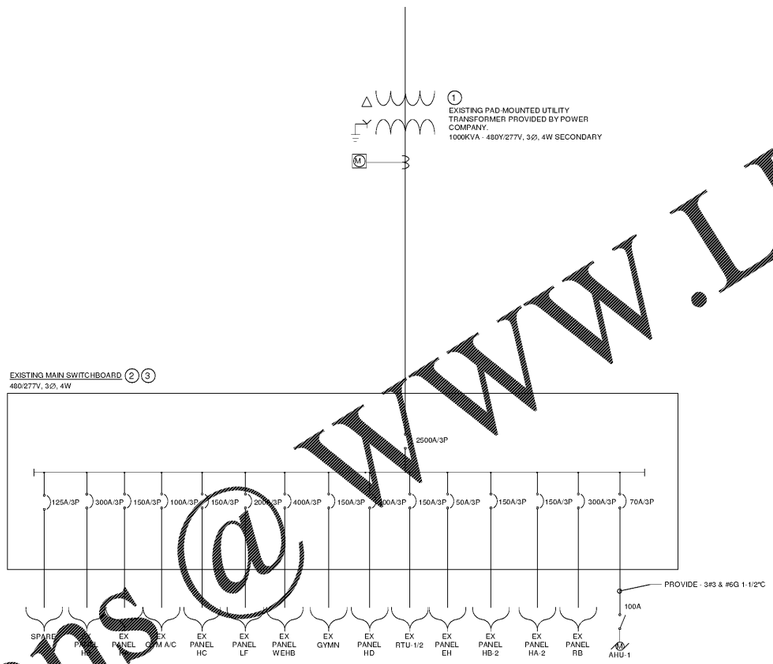
DRAWING NOTES

1. EXISTING PAD-MOUNTED UTILITY TRANSFORMER 1000KVA, 20kV PRIMARY - 277/480V SECONDARY.
2. EXISTING SERVICE ENTRANCE SWITCHBOARD MSA. UTILITY PROVIDED 12 MONTH PEAK kW - 213kW. TOTAL LOAD REQUIRED = ((213/0.8) kVA x 1.25) + 39.24kVA = 372.05kVA.
3. PROVIDE A NEW 70A/3P CIRCUIT BREAKER IN EXISTING OPEN SPACE ON EXISTING MAIN SWITCHBOARD. MATCH EXISTING CIRCUIT BREAKER CHARACTERISTICS INCLUDING MANUFACTURER, TYPE AND KAIC RATING. MANUFACTURE IS "EATON/CUTLER-HAMMER POW_R_LINE C SWITCHBOARD", TYPE IS "HFD", 65KAIC.



1 **DETAIL - ONE-LINE DIAGRAM**
SCALE: N.T.S.

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DRAWING TITLE
ELECTRICAL ONE-LINE DIAGRAM

PROFESSIONAL SEAL
GEORGIA REGISTERED No. PE037830 PROFESSIONAL ENGINEER BETH ANN CRUTCHFIELD

CONSULTANT

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DRAWING NO.

DATE
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