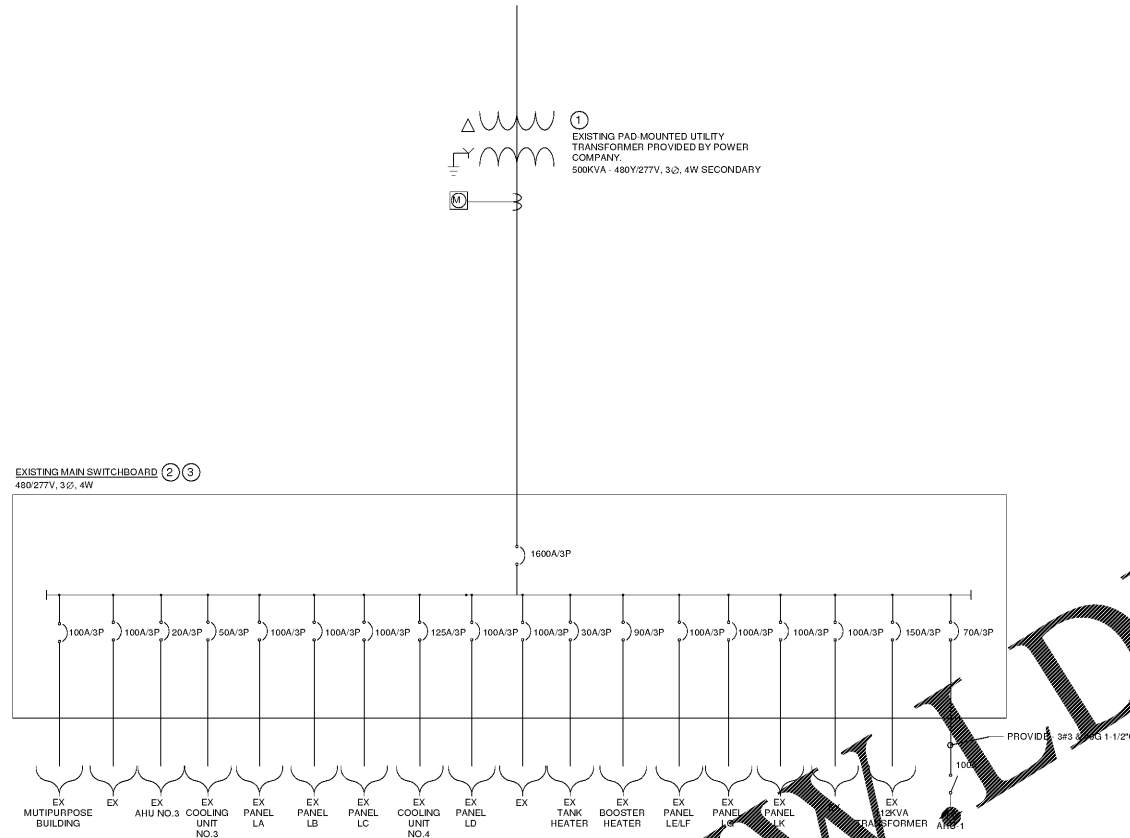


**DRAWING NOTES**

- ① EXISTING PAD MOUNTED UTILITY TRANSFORMER 500KVA, 277/480V SECONDARY.
- ② EXISTING SERVICE ENTRANCE SWITCHBOARD MSA, UTILITY PROVIDED 12 MONTH PEAK KW - 257KW. TOTAL LOAD REQUIRED = ((257/0.8) kVA x 1.25) + 39.24kVA = 440.8kVA.
- 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 KVAIC RATING. MANUFACTURE IS "EATON/CUTLER HAMMER", TYPE IS "HFD", 65KAIC.



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



EXISTING MAIN SWITCHBOARD LOCATED IN BOILER ROOM. EXISTING MAIN SWITCHBOARD. EXISTING INTERIOR WALL OF BOILER ROOM. EXISTING EXTERIOR DOOR TO BOILER ROOM. EXISTING EXTERIOR WALL OF BOILER ROOM. VANTAGE POINT STANDING NEXT TO MULTI-PURPOSE BUILDING LOOKING AT BOILER ROOM. EXISTING MULTI-PURPOSE BUILDING.

② **SITE SURVEY PHOTOS**  
SCALE: N.T.S.

**ELDRIDGE L MILLER ELEMENTARY SCHOOL GYM HVAC DESIGN**  
919 Martin Road  
Stone Mountain, Georgia 30088

**STANLEY LOVE STANLEY P A C**

ARCHITECTURE  
INTERIORS PLANNING  
PROGRAM MANAGEMENT

1186 SPRING STREET, N.W.  
ATLANTA, GEORGIA 30309-3818  
404.576.0596  
404.576.0847  
www.stanleylove-stanleypac.com

DRAWING TITLE  
**ELECTRICAL ONE-LINE DIAGRAM**



CONSULTANT

**rmf Engineering**

810 HARRISON DRIVE SUITE 725  
ATLANTA, GA 30308 878.915.0020

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