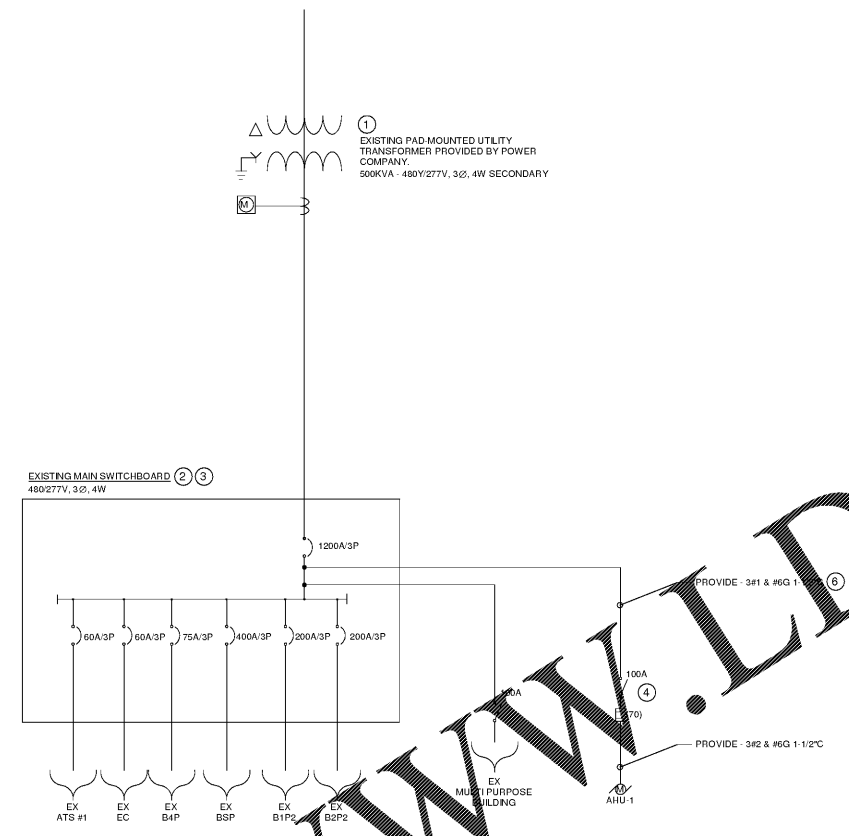


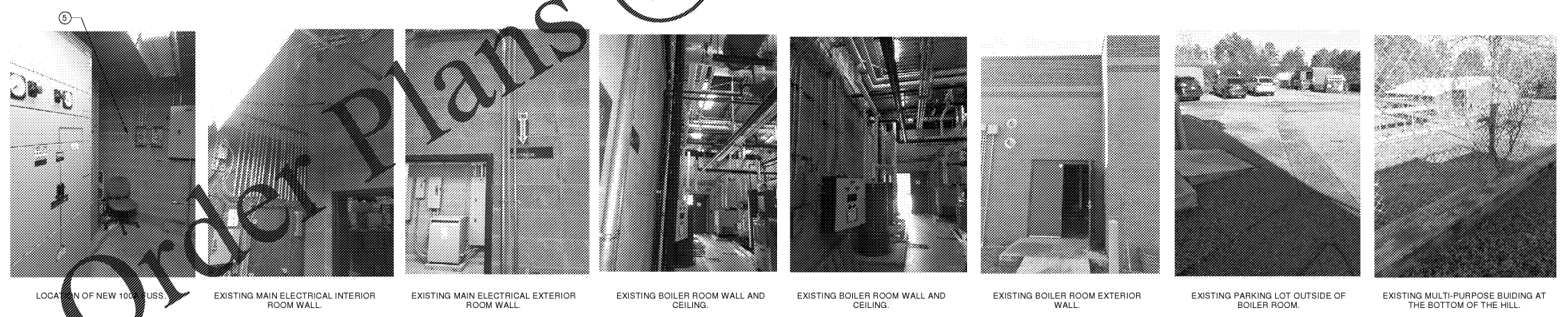
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DRAWING NOTES

- ① EXISTING PAD MOUNTED UTILITY TRANSFORMER 500KVA, 277/480V SECONDARY.
- ② EXISTING SERVICE ENTRANCE SWITCHBOARD MSA, UTILITY PROVIDED 12 MONTH PEAK KW - 335KW. TOTAL LOAD REQUIRED = ((335/0.8) kVA x 1.25) + 39.24kVA = 562.6kVA.
- ③ PROVIDE A TAP IN ACCORDANCE WITH NEC 110.12, 110.14, AND 240.21(B) TO MAIN SWITCHBOARD BUSSES TO FEED NEW SAFETY SWITCH, TAP TO COMPLY WITH 10FT RULE. COORDINATE WITH DEKALB COUNTY BEFORE SHUTDOWN OF ELECTRICAL SYSTEM.
- ④ PROVIDE A 100A FUSS WITH A 70A FUSE. LABEL SAFETY SWITCH AS "AHU-1."
- ⑤ LOCATE NEW SAFETY SWITCH ON WALL IN THIS LOCATION IN ACCORDANCE WITH NEC 110.26 WITHIN 10FT OF MAIN SWITCHBOARD.
- ⑥ CONDUCTOR LENGTH NOT TO EXCEED 10FT.



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



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

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DRAWING TITLE:
**ELECTRICAL ONE-LINE
DIAGRAM**



rmf Engineering
1810 HARRISON DRIVE, SUITE 175
ATLANTA, GA 30329 678.919.0229

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01/31/2020
PROJECT NO.
6919.5
DRAWING NO.

E-501

RELEASED FOR CONSTRUCTION 01/31/2020