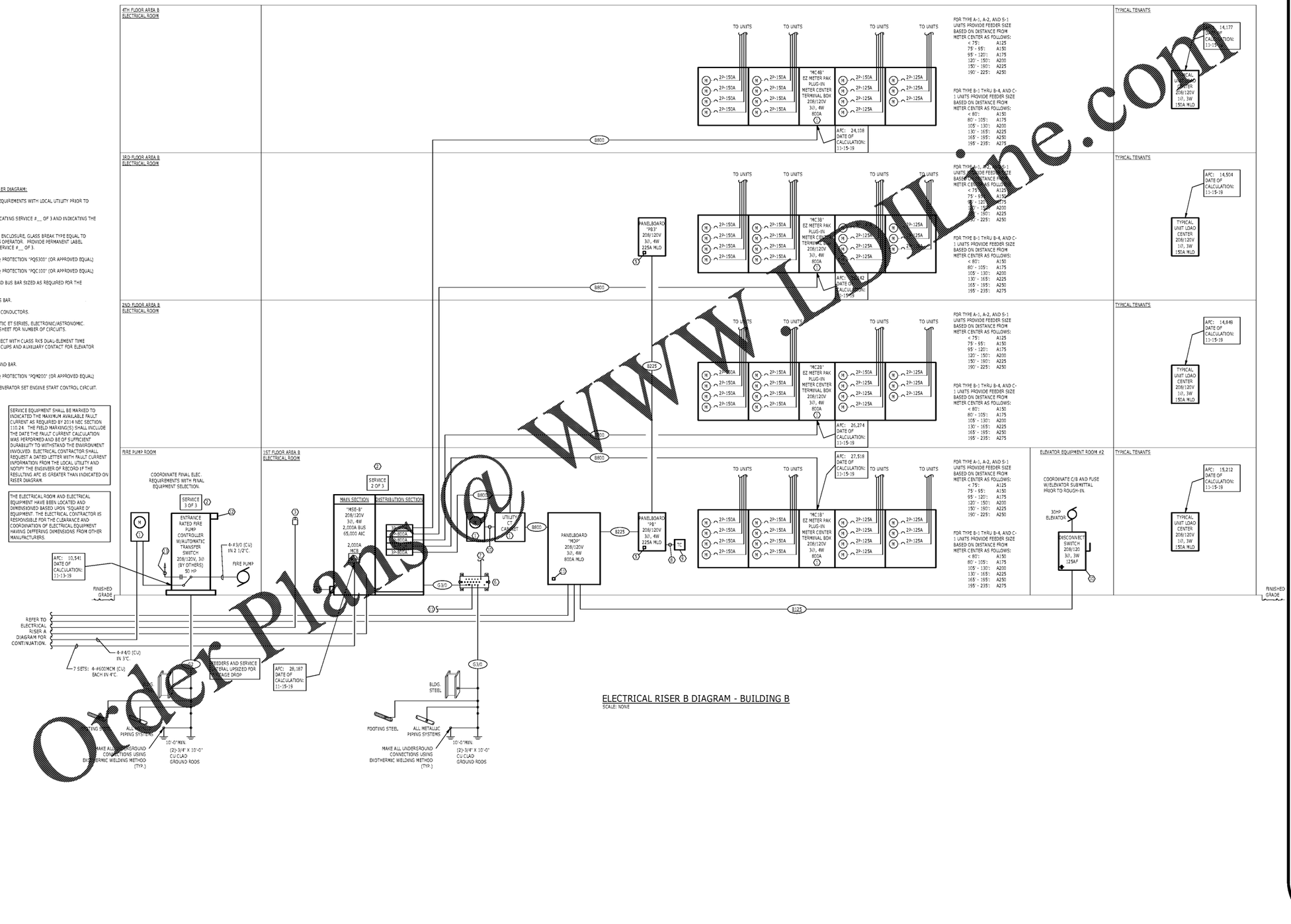

ELECTRICAL RISER B DIAGRAM - BUILDING B

SCALE: NONE

(#) KEYED NOTES - ELECTRICAL RISER DIAGRAM:

(1) COORDINATE LOCATION AND REQUIREMENTS WITH LOCAL UTILITY PRIOR TO ROUGH-IN.

(2) PROVIDE PHENOLIC LABEL INDICATING SERVICE #__ OF 3 AND INDICATING THE LOCATION OF OTHER MAINS.

(3) SHUNT TRIP PUSH BUTTON AND ENCLOSURE, GLASS BREAK TYPE EQUAL TO SQUARE D 9001-KYK127 W/ K15 OPERATOR. PROVIDE PERMANENT LABEL INDICATING SHUNT-TRIP FOR SERVICE #__ OF 3.

(4) SURGE PROTECTIVE DEVICE: PQ PROTECTION "PQS300" (OR APPROVED EQUAL)

(5) SURGE PROTECTIVE DEVICE: PQ PROTECTION "PQC100" (OR APPROVED EQUAL)

(6) PROVIDE SOLID COPPER GROUND BUS BAR SIZED AS REQUIRED FOR THE SERVICE AND TTB LOCATIONS.

(7) (1) #6 CU. TO TTB GROUND BUS BAR.

(8) UNSWITCHED BRANCH CIRCUIT CONDUCTORS.

(9) TIMECLOCK EQUAL TO INTERMATIC ET SERIES, ELECTRONIC/ASTRONOMIC. REFER TO SCHEDULE, ON THIS SHEET FOR NUMBER OF CIRCUITS.

(10) PROVIDE HEAVY DUTY DISCONNECT WITH CLASS RK5 DUAL-ELEMENT TIME DELAY FUSES, FUSE REJECTION CLIPS AND AUXILIARY CONTACT FOR ELEVATOR CONNECTIONS.

(11) (1) #3/0 CU. TO AREA 'A' GROUND BAR.

(12) SURGE PROTECTIVE DEVICE: PQ PROTECTION "PQM200" (OR APPROVED EQUAL)

(13) CONDUIT & WIRE TO ENGINE-GENERATOR SET ENGINE START CONTROL CIRCUIT.

SERVICE EQUIPMENT SHALL BE MARKED TO INDICATED THE MAXIMUM AVAILABLE FAULT CURRENT AS REQUIRED BY 2014 NEC SECTION 110.24. THE FIELD MARKING(S) SHALL INCLUDE THE DATE THE FAULT CURRENT CALCULATION WAS PERFORMED AND BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED. ELECTRICAL CONTRACTOR SHALL REQUEST A DATED LETTER WITH FAULT CURRENT INFORMATION FROM THE LOCAL UTILITY AND NOTIFY THE ENGINEER OF RECORD IF THE RESULTING AFC IS GREATER THAN INDICATED ON RISER DIAGRAM.

THE ELECTRICAL ROOM AND ELECTRICAL EQUIPMENT HAVE BEEN LOCATED AND DIMENSIONED BASED UPON "SQUARE D" EQUIPMENT. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE CLEARANCE AND COORDINATION OF ELECTRICAL EQUIPMENT HAVING DIFFERING DIMENSIONS FROM OTHER MANUFACTURERS.

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CLIENT NAME: CLIENT NAME

PROJECT NAME: ROCKLEDGE MULTI-FAMILY
220 Barton Boulevard
Rockledge, FL 32955

SHEET TITLE: POWER RISER DIAGRAM PLAN B

NOV. 03, 2015

Revision Schedule		
No.	Description	Date

PROJECT NO. 050-15-0010
DATE 20151104
DRAWN Author
CHECKED Checker

GMP PRICING SET

E003

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