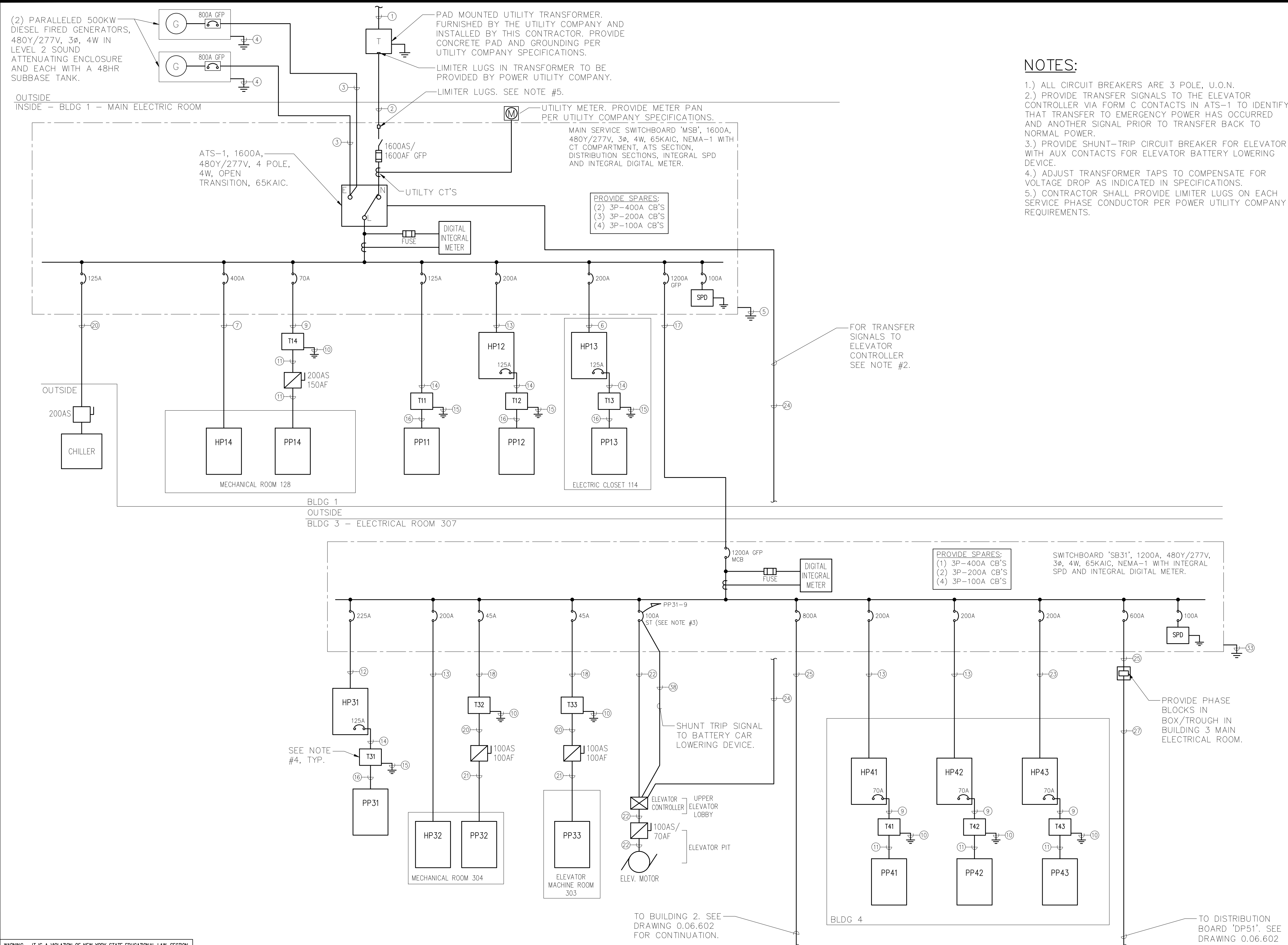


FILE NAME: I:\Projects\MEG\NMEG0050.00\Drawings\06-601-2-3-4.dwg PLOT TIME: Wed, 27 Nov 2019 - 2:53pm LAST SAVE: Wed, 27 Nov 2019 - 2:53pm BY: wbez



NOTES:

- 1.) ALL CIRCUIT BREAKERS ARE 3 POLE, U.O.N.
- 2.) PROVIDE TRANSFER SIGNALS TO THE ELEVATOR CONTROLLER VIA FORM C CONTACTS IN ATS-1 TO IDENTIFY THAT TRANSFER TO EMERGENCY POWER HAS OCCURRED AND ANOTHER SIGNAL PRIOR TO TRANSFER BACK TO NORMAL POWER.
- 3.) PROVIDE SHUNT-TRIP CIRCUIT BREAKER FOR ELEVATOR WITH AUX CONTACTS FOR ELEVATOR BATTERY LOWERING DEVICE.
- 4.) ADJUST TRANSFORMER TAPS TO COMPENSATE FOR VOLTAGE DROP AS INDICATED IN SPECIFICATIONS.
- 5.) CONTRACTOR SHALL PROVIDE LIMITER LUGS ON EACH SERVICE PHASE CONDUCTOR PER POWER UTILITY COMPANY REQUIREMENTS.

WIRING/CONDUIT LEGEND:

- 1 UNDERGROUND 3Ø PRIMARY SERVICE #2/0 AL 15KV IN 2-4" HDPE C (1 SPARE).
- 2 5 SETS OF 4-#500MCM IN 6-4" HDPE C (1 SPARE).
- 3 2 SETS OF 4-#500MCM & 1-#1/0 AWG GND IN 2-4"C.
- 4 GENERATOR GROUND. #2/0 GROUNDING ELECTRODE CONDUCTOR, #2/0 NEUTRAL TO GROUND BOND.
- 5 SERVICE GROUND. #3/0 GROUNDING ELECTRODE CONDUCTOR. #350MCM NEUTRAL TO GROUND BOND.
- 6 4-#3/0 & 1-#6 GND IN 3"C.
- 7 4-#500MCM & 1-#3 GND IN 3-1/2"C.
- 8 4-#2 & 1-#8 GND IN 1-1/4"C.
- 9 3-#4 & 1-#8 GND IN 1"C.
- 10 #6 GND.
- 11 4-#1/0 & 1-#6 GND IN 2"C.
- 12 4-#4/0 & 1-#4 GND IN 2-1/2"C.
- 13 4-#3/0 & 1-#6 GND IN 2"C.
- 14 3-#1 & 1-#6 GND IN 1-1/2"C.
- 15 #2 GND.
- 16 4-#250MCM & 1-#2 GND IN 2-1/2"C.
- 17 4 SETS OF 4-#500MCM & 1-#3/0 GND IN 5-4"C (1 SPARE).
- 18 3-#6 & 1-#10 GND IN 3/4"C.
- 19 3-#2 & 1-#8 GND IN 3"C.
- 20 4-#1 & 1-#6 GND IN 1-1/2"C.
- 21 4-#2 & 1-8 GND IN 1-1/4"C.
- 22 4-#8 & 1-# GND IN 1"C.
- 23 4-#350MCM & 1-#3 GND IN 3"C.
- 24 6-#12 & 1-#12 GND IN 1"C.
- 25 2 SETS OF 4-#500MCM & 1-#1/0 GND IN (2) 4"C.
- 26 5-#2 IN 1-1/4"C.
- 27 4 SETS OF 4-#500MCM & 1-#1/0 GND IN (5) 4"C (1 SPARE).
- 28 3-#500MCM & 1-#3 GND IN 3"C.
- 29 #3/0 GND.
- 30 2 SETS OF 4-#600MCM & 1-#3/0 GND IN (2) 4"C.
- 31 3-#1/0 & 1-#8 GND IN 3"C.
- 32 3-#4/0 & 1-#8 GND IN 4"C.
- 33 #3/0 GROUNDING ELECTRODE CONDUCTOR (NO NEUTRAL TO GROUND BOND).
- 34 #3/0 GROUNDING ELECTRODE CONDUCTOR (NO NEUTRAL TO GROUND BOND).
- 35 #8 GROUNDING ELECTRODE CONDUCTOR (NO NEUTRAL TO GROUND BOND).
- 36 #6 GROUNDING ELECTRODE CONDUCTOR (NO NEUTRAL TO GROUND BOND).
- 37 #2 GROUNDING ELECTRODE CONDUCTOR (NO NEUTRAL TO GROUND BOND).
- 38 4-#12 & 1-#12 GND IN 3/4"C.
- 39 #8 GND.
- 40 3-#10 & 1-#10 GND IN 1"C.

1 ELECTRICAL ONE-LINE DIAGRAM

SCALE: NONE

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

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