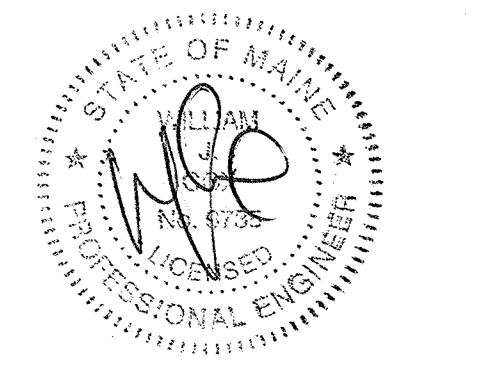
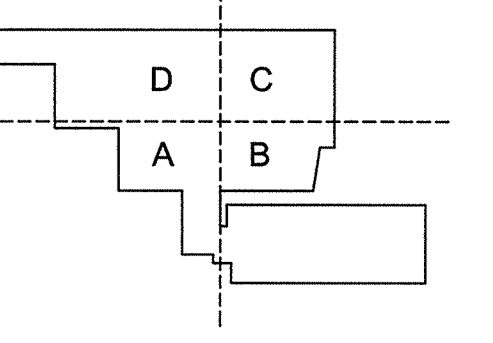


CONSTRUCTION DOCUMENTS



Revisions

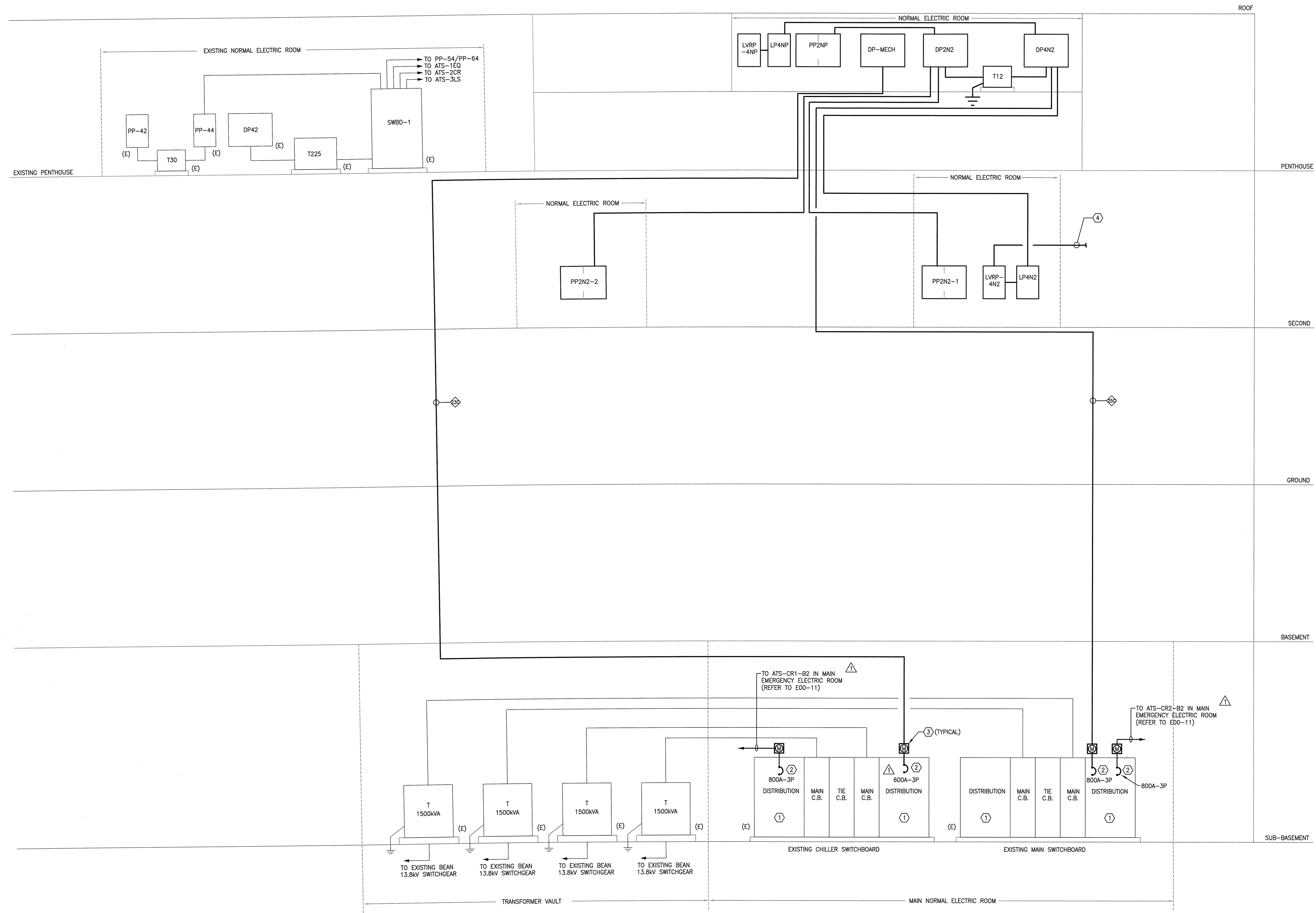
2	Issued for Permit	2-07-14
1	Addendum #3	1-17-14
NG	ISSUE	DATE

Sheet Information
Date: JUNE 14, 2013
Job #: C140135461(MMC)/152168.000
Drawn: _____
Checked: _____
Approved: _____

**ELECTRICAL
NORMAL POWER
RISER DIAGRAM**

Sheet

E00-10



KEYED NOTES:

- ① PRIOR TO TIE-IN ELECTRICAL CONTRACTOR SHALL METER EXISTING PANEL BOARD PER NEC (2011) ARTICLE 220.87 AND HAVE THE FINDINGS COMPILED INTO A REPORT. A COPY OF THIS REPORT SHALL BE GIVEN TO THE ARCHITECT AND ENGINEER UPON METERING COMPLETION. ELECTRICAL CONTRACTOR SHALL NOT ROUGH-IN NEW FEEDER UNTIL REPORT HAS BEEN REVIEWED BY THE ENGINEER.
- ② PROVIDE NEW CIRCUIT BREAKER AS INDICATED. CIRCUIT BREAKER CHARACTERISTICS SHALL MATCH EXISTING. CIRCUIT BREAKER MANUFACTURER SHALL MATCH THAT OF THE PANELBOARD IT IS INSTALLED WITHIN. AIC RATING SHALL MEET THE AVAILABLE FAULT AT THE POINT OF INSTALLATION. NEW CIRCUIT BREAKERS SHALL BE PROVIDED WITH ADJUSTABLE SHORT TIME, LONG TIME, INSTANTANEOUS AND GROUND FAULT SETTINGS.
- ③ PROVIDE NEW DIGITAL POWER METER FOR ALL NEW CIRCUIT BREAKERS IN EXISTING DISTRIBUTION EQUIPMENT. METERS TO BE SQUARE D, POWER LOGIC TYPE AND BE CONNECTED TO THE EXISTING CAMPUS METERING SYSTEM.
- ④ CONNECTION TO BMS SYSTEM FOR LIGHTING MONITORING AND CONTROL. COORDINATE ALL REQUIREMENTS WITH BMS SYSTEM VENDOR (HONEYWELL) PRIOR TO BID.

BONDING NOTE:

THE EQUIPMENT GROUNDING TERMINAL BUSES OF THE NORMAL AND ESSENTIAL BRANCH CIRCUIT PANELBOARDS SERVING THE SAME INDIVIDUAL PATIENT CARE VICINITY SHALL BE CONNECTED TOGETHER WITH AN INSULATED CONTINUOUS COPPER CONDUCTOR NOT SMALLER THAN #8 AWG. WHERE TWO OR MORE PANELBOARDS SERVING THE SAME INDIVIDUAL PATIENT CARE VICINITY ARE SERVED FROM SEPARATE TRANSFER SWITCHES OF THE EMERGENCY SYSTEM, THE EQUIPMENT GROUNDING TERMINAL BUSES OF THOSE PANELBOARDS SHALL BE CONNECTED WITH AN INSULATED CONTINUOUS COPPER CONDUCTOR NOT SMALLER THAN #8 AWG.

