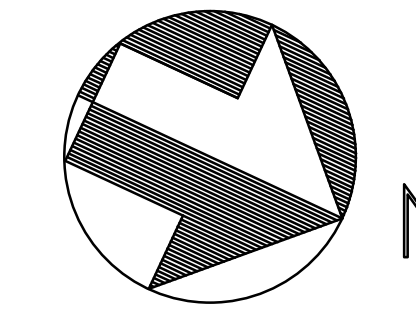


TO CMP TRANSFORMER



project name

Butler Payson  
pine st.  
state st.  
portland, me

avesta housing

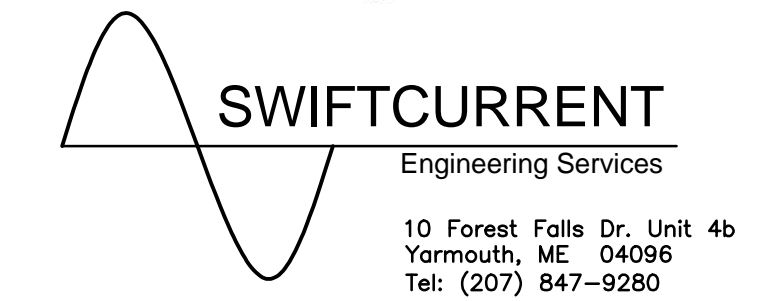
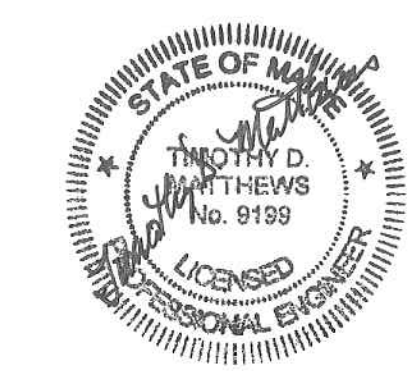
goduti/thomas architects

44 oak st.

portland, maine 04101

ph. 207-775-3184

fax 207-774-0486



ISSUED FOR PERMIT

revisions

date  
Feb. 6, 2015

sheet title

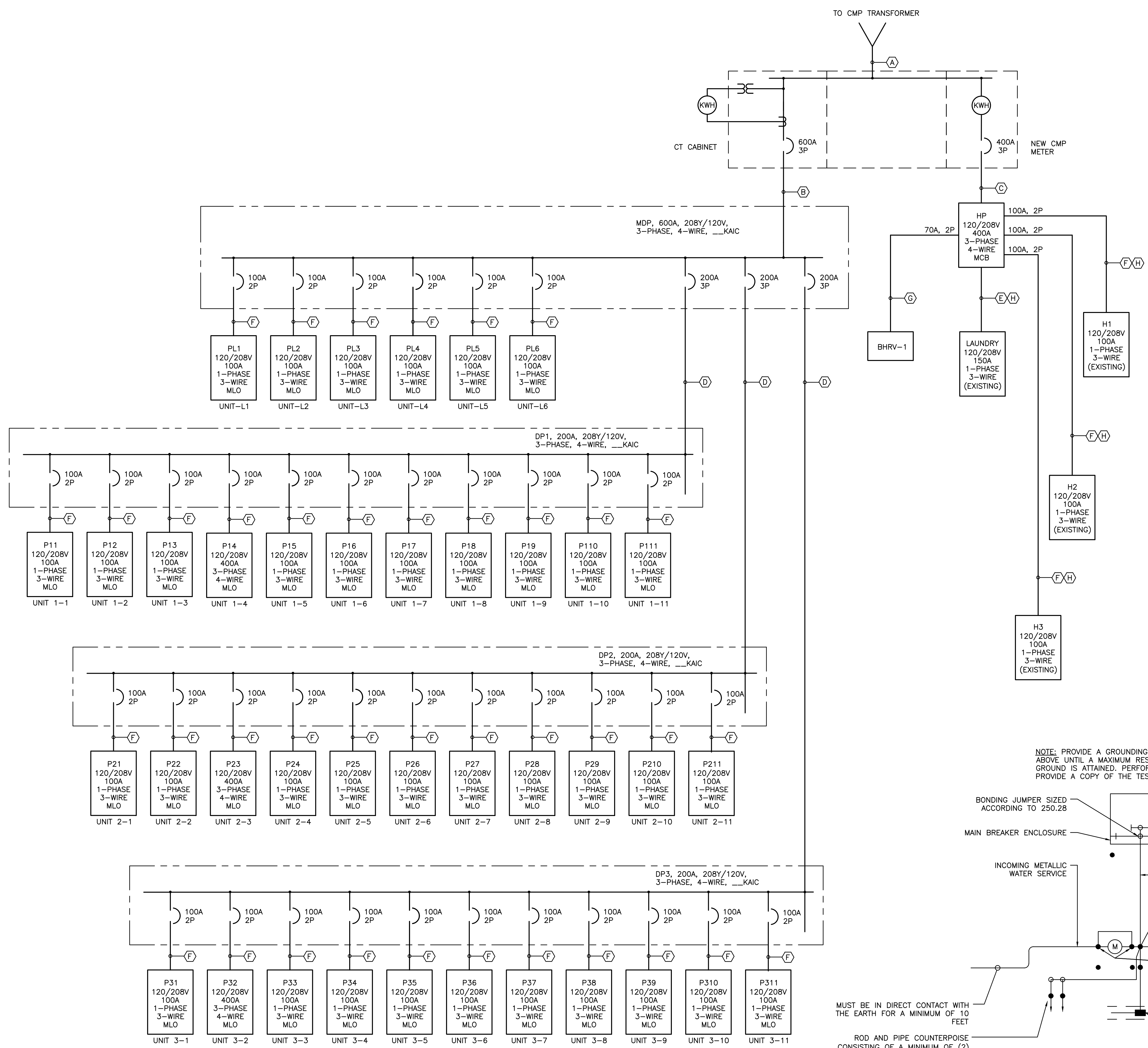
NEW ELECTRICAL ONE-LINE  
DIAGRAMS

scale: as shown

drawn by:JMD checked by:TDM

project number

BE1.8

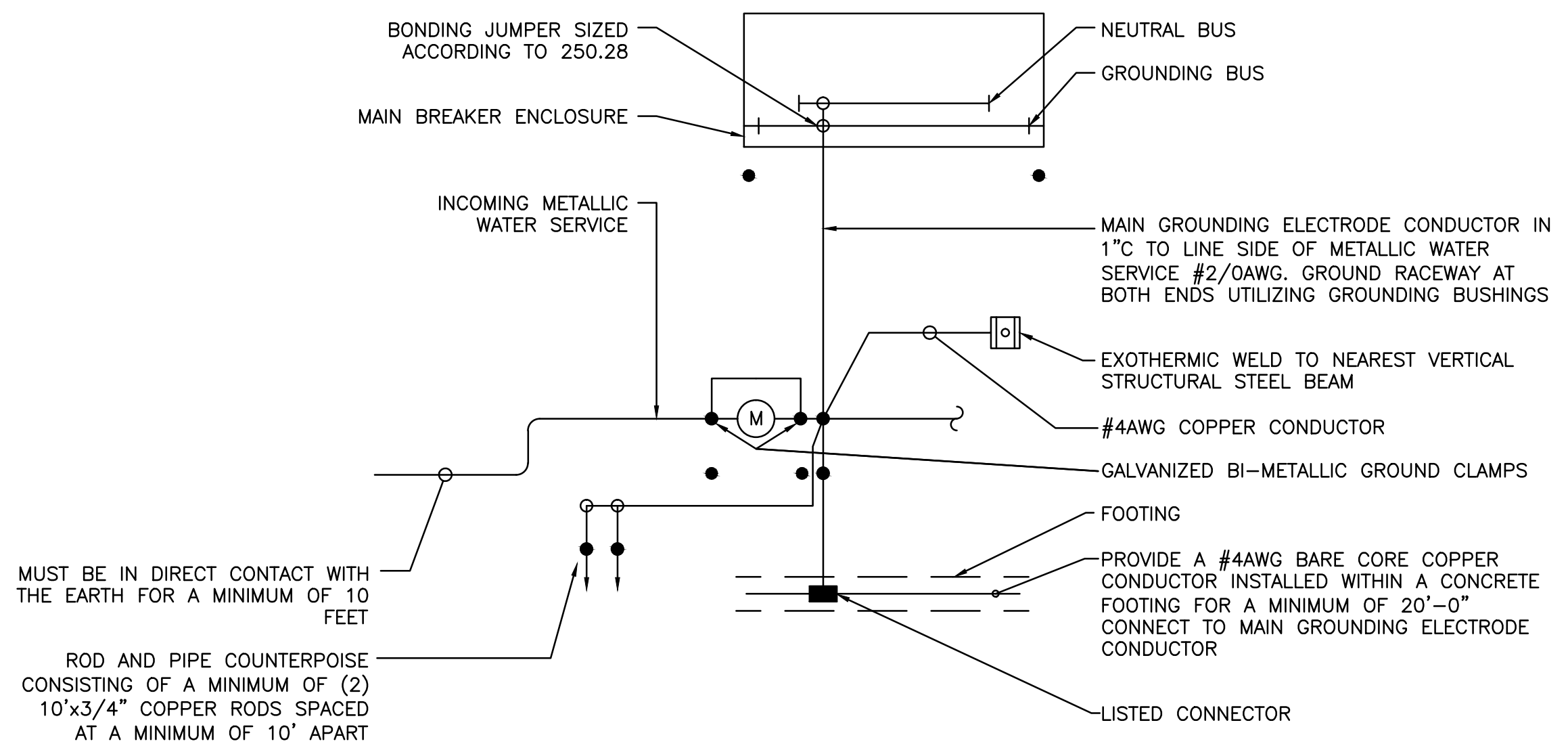


NOTES:  
1. SEE E0.0 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.  
2. THE INTENT IS TO REPLACE THE EXISTING WESTINGHOUSE/ARROW-HART MAIN DISTRIBUTION PANEL AND REPLACE WITH A NEW PANEL, RETAINING THE TWO METER STRUCTURE. THIS WILL INCLUDE REPLACEMENT OF SHARED APARTMENT FEEDER WIRING WITH INDIVIDUAL APARTMENT FEEDERS FED FROM NEW PANELS ON EACH FLOOR.

WIRE SCHEDULE:

- (A) (3)-4#400 KCM CU, (3)-3"°C
- (B) (2)-4#350KCM CU, (2)-3"°C
- (C) 4#500 KCM CU, 4"°C
- (D) 4#3/0AWG CU & #6GND, 2"°C
- (E) 3#1/0AWG & #8GND, 1-1/2"°C
- (F) 3#2AWG & #8GND, 1-1/4"°C
- (G) 3#4AWG & #8GND, 1"°C
- (H) RECONNECT EXISTING WIRING

NOTE: PROVIDE A GROUNDING ELECTRODE SYSTEM AS DETAILED ABOVE UNTIL A MAXIMUM RESISTANCE LEVEL OF 25 OHMS TO GROUND IS ATTAINED. PERFORM A GROUND RESISTANCE TEST AND PROVIDE A COPY OF THE TESTING REPORT TO THE ENGINEER.



1 NEW ELECTRICAL ONE-LINE DIAGRAM  
SCALE: NOT TO SCALE

2 ELECTRICAL GROUNDING DETAIL  
SCALE: NOT TO SCALE