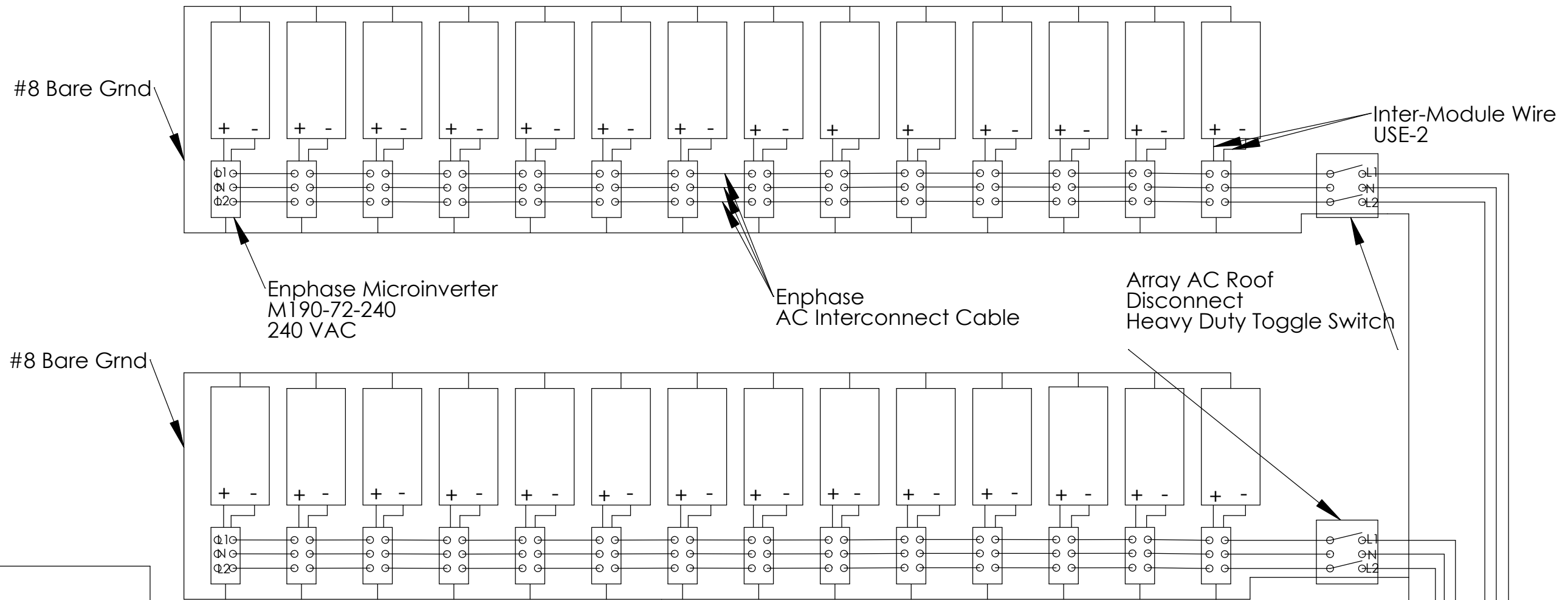


Sun Energy Engineering  
Triple Line Diagram

Andy Siu Residence  
755 Lisbon St.  
San Francisco, CA

Revision 1.1



System Details:

28 Siliken 230 W (SLK60P6L) modules  
28 Enphase Microinverters (M190-72-240)  
6,440 W DC PTC

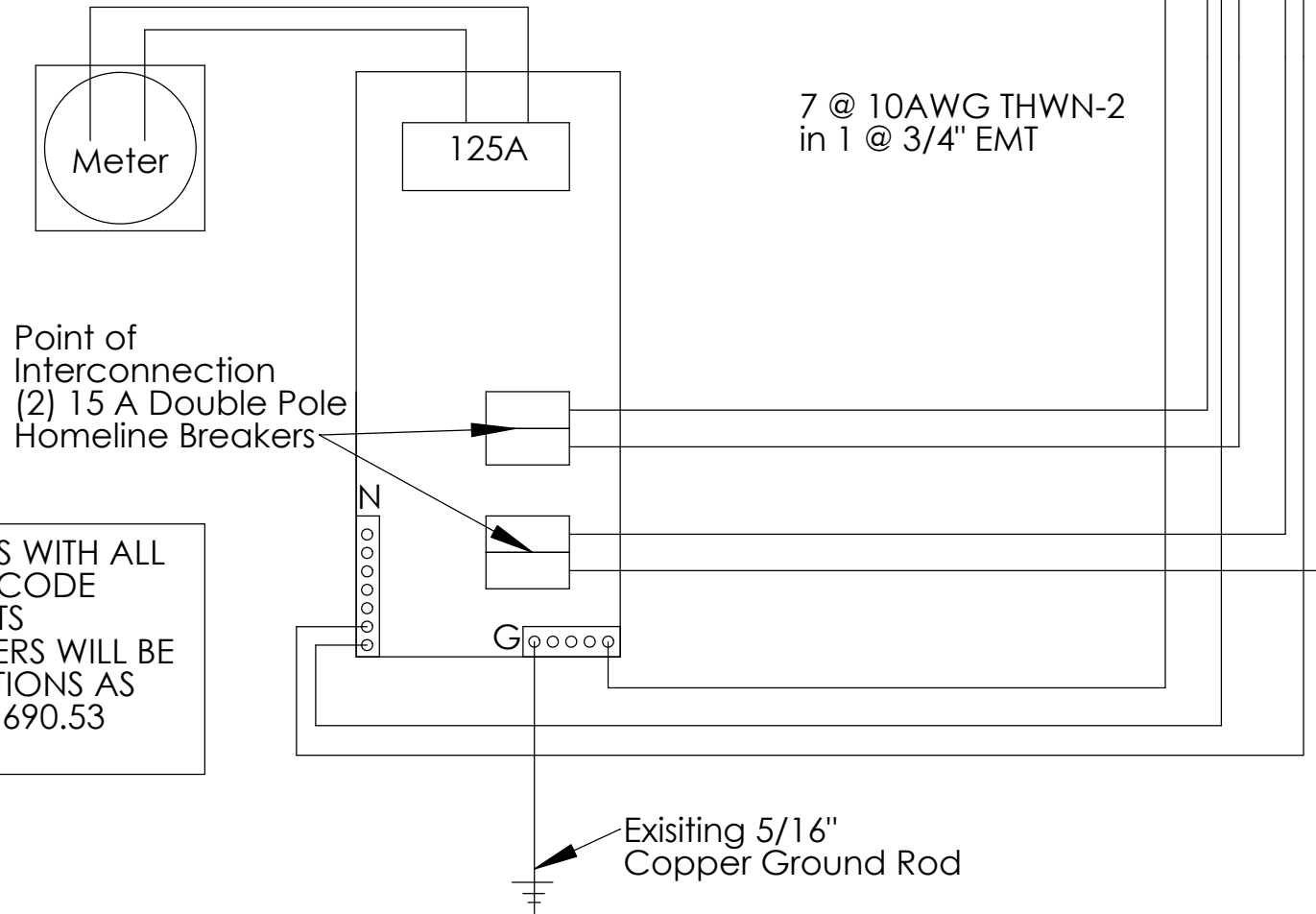
Modules specs:  
V<sub>mp</sub> = 29.5 VDC  
I<sub>mp</sub> = 7.79 A  
V<sub>oc</sub> = 36.9 VDC  
I<sub>sc</sub> = 8.32 A

Temp Coeff V<sub>oc</sub> = -0.0356 %/C  
Temp Coeff I<sub>sc</sub> = +0.062 %/C

Inverter specs:  
P<sub>max</sub> = 190W AC  
Nominal Output current = 800mA  
Nominal Voltage/Range = 240V / 211V-264V  
Nominal Frequency /Range = 60.0 / 59.3-60.5  
Power Factor > 0.95  
Max Units per Branch Circuit = 15

All Module Grounding will  
be done in accordance  
with manufacturer  
installation guide.

All modules to be grounded  
with tin plated copper lay in  
lug with stainless steel  
fasteners



THIS DESIGN COMPLIES WITH ALL  
2005 & 2007 NEC CODE  
REQUIREMENTS  
ALL LABELS AND STICKERS WILL BE  
PROVIDED IN LOCATIONS AS  
REQUIRED BY NEC 690.53