

- ① PRODUCTION CT (Inside IQ Combiner)
- ② CONSUMPTION CT (Inside Main House Panel)

③ ENCHARGE 10

④ BACK UP LOADS PANEL

⑤ MAIN 200A LOADS CENTER

⑥ HOUSE METER

PV SYSTEM RATED OUTPUTS

- ⑦ 10 - LG 360 - 3,600 Watts DC
- 10 Enphase IQ7+ - 2,400 Watts AC

- ⑧ 8 - LG 360 - 2,880 Watts DC
- 8 Enphase IQ7+ - 1,920 Watts AC

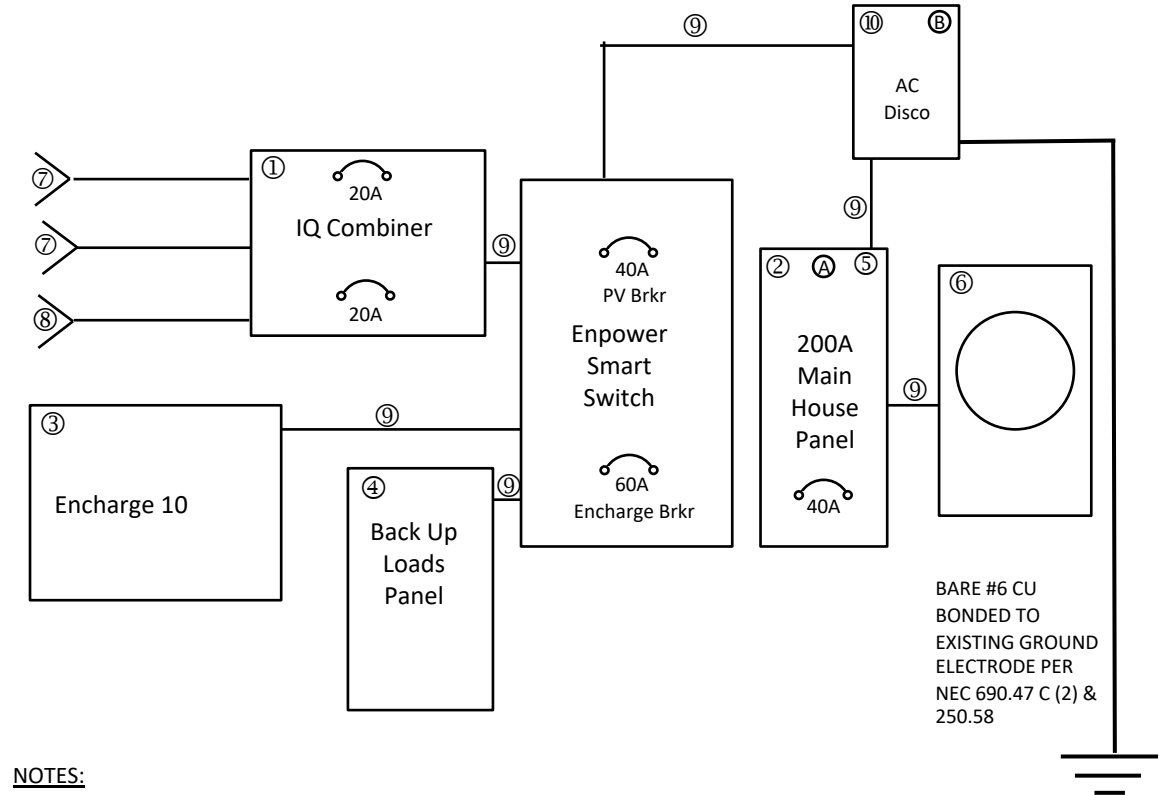
⑨ #6 WIRE

⑩ AC DISCONNECT

REQUIRED PLACARDS

- Ⓐ "WARNING ELECTRICAL SHOCK HAZARD DO NOT TOUCH TERMINALS, TERMINALS ON BOTH THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION"

Ⓑ AUXILIARY GENERATION DISCONNECT



NOTES:

1. ALL WORK PER NEC
2. ALL CONDUCTORS COPPER
3. ALL PLACARDS SHALL BE WEATHERPROOF WITH A RED BACKGROUND AND WHITE LETTERS
4. ALL GROUNDING PER NEC
5. ALL ENCLOSURES NEMA3R

ELECTRICAL 1 LINE DIAGRAM 10.080 KW PV/ MICRO INVERTER AC SYSTEM



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State Licensed Electrical Contractor

#EC13009677

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DATE 1/31/2022