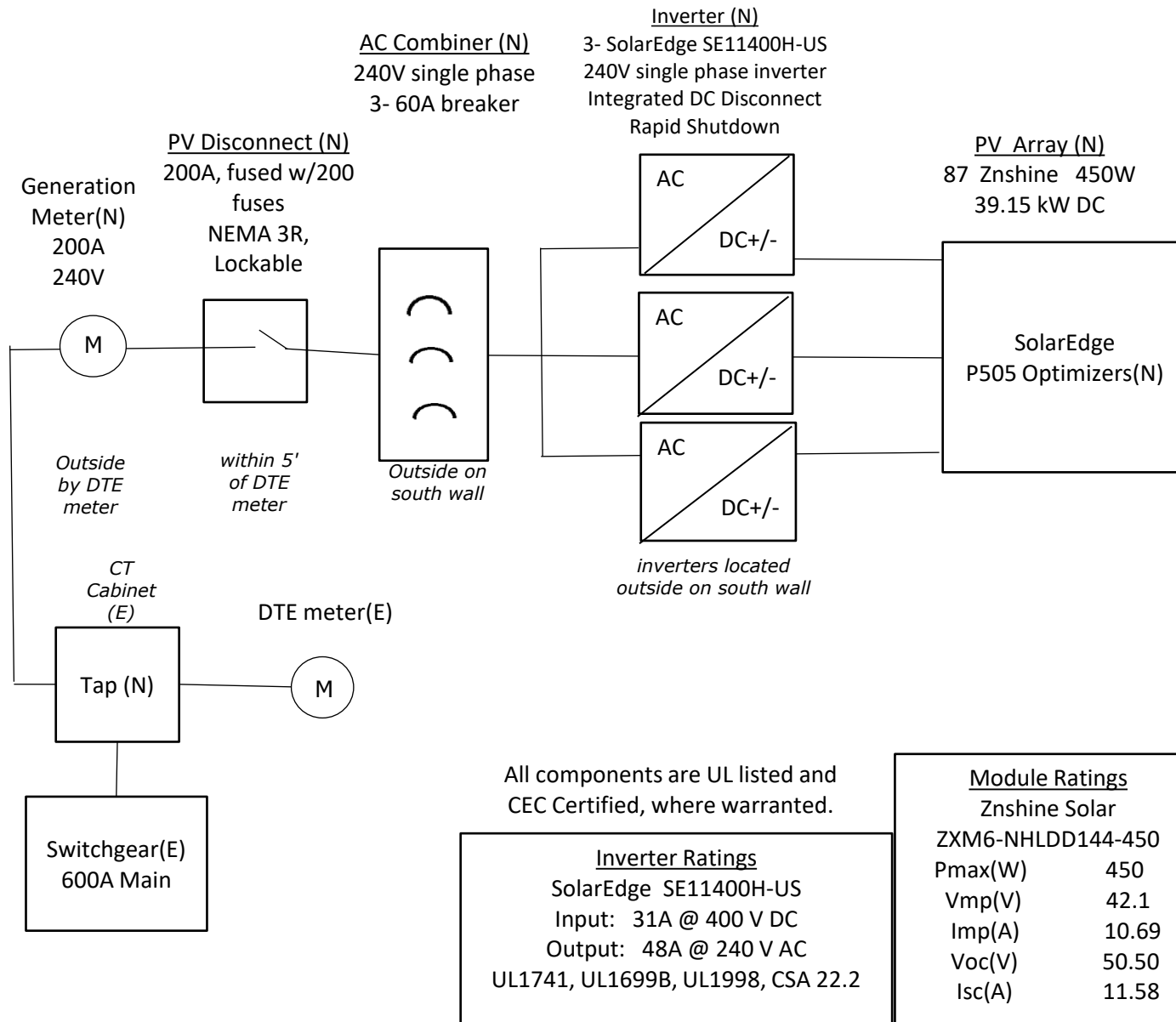


(N) = New
(E) = Existing

Electrical One Line: Category 2, 47.25 kW DC 39.15kW AC
All work to comply with the 2017 Michigan Electrical Code



All components are UL listed and CEC Certified, where warranted.

Inverter Ratings

SolarEdge SE11400H-US
 Input: 31A @ 400 V DC
 Output: 48A @ 240 V AC
 UL1741, UL1699B, UL1998, CSA 22.2

Module Ratings

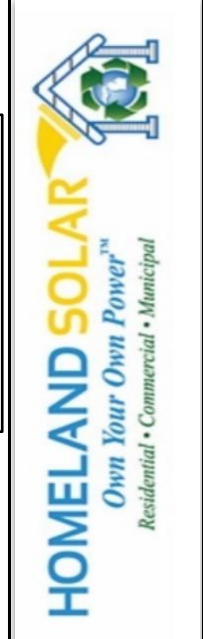
Znshine Solar
 ZXM6-NHLDD144-450

Pmax(W)	450
Vmp(V)	42.1
Imp(A)	10.69
Voc(V)	50.50
Isc(A)	11.58

Installer:
 Homeland Solar
 4975 Miller
 Ann Arbor, MI 48103
 License #2102200014

Owner:
 Ann Arbor Farmers Market
 315 Detroit St
 Ann Arbor, MI 48104

drawn by
 L. Hoot
 5/23/2022



1. All installation materials and methods will comply with requirements of Michigan 2015 Building Code and 2017 National Electrical Code, in particular NEC 2017 Article 690.
2. SolarEdge inverters and optimizers provide overcurrent, DC ground fault protection, arc fault detection, and rapid shutdown compliant with NEC 690.
3. If existing grounding electrode cannot be verified, contractor shall install supplemental ground electrode per NEC 2017 Article 250.
4. All equipment and raceways will be bonded and grounded per code and manufacturers instructions.