(N) = NewElectrical One Line: Category 2, 118.8 kW DC 100kW AC All work to comply with the 2017 Michigan Electrical Code (E) = Existing License #2102200014 Ann Arbor, MI 48103 PV Array (N) Inverter (N) AC Disconnect (N) Homeland Solar Solar 264 Znshine 450 W 4975 Miller SolarEdge SE100KUS 200A. non-fused Transformer (N) PV Disconnect (N) Installer 118.8 kW DC 480V 3PH inverter 480V 3 PH 400A, fused w/350A 480Y/208Y Integrated DC Disconnect 208V 3 PH Rapid Shutdown AC SolarEdge DC+/-P1101 DC Optimizers(N) 48105 Located in 1519 Fuller Rd Located in electrical Located **Fuller Park** electrical room Ann Arbor, MI room Located within 5' of electrical in DTE meter room electrical room **Generation Meter** CT Cabinet (E) Meter (E) (N) 208V 3PH drawn by CT L. Hoot Μ tap in 5/23/2022 М Located in electrical **Module Ratings** room All components are UL listed and **Znshine Solar** Switchgear (E) CEC Certified, where warranted. ZXM6-NHLDD144-450 600A Pmax(W) 450 **Inverter Ratings** Own Your Own Power Vmp(V) 42.1 SolarEdge SE100KUS Imp(A) 10.69 Located in Input: 120A @ 850 V DC Voc(V) 50.50 electrical room Output: 120A @ 480 V AC Isc(A) 11.58 UL1741, UL1699B, UL1998, CSA 22.2 1. All installation materials and methods will comply with requirements of Michigan 2015 Building Code and 2017 National HOMEL 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

4. All equipment and raceways will be bonded and grounded per code and manufacturers instructions.

Article 250.