(N) = NewElectrical One Line: Category 2, 40.5 kW DC 34.2kW AC All work to comply with the 2017 Michigan Electrical Code ) = Existing Ann Arbor, MI 48103 Inverter (N) Homeland Solar 4975 Miller 3- SolarEdge SE11400H-US <u>Installer</u> 240V single phase inverter Integrated DC Disconnect AC Combiner (N) Rapid Shutdown PV Disconnect (N) PV Array (N) 240V single phase 200A, fused w/200 90 Znshine 450W AC 3-60A breaker 40.5 kW DC fuses Generation NEMA 3R, Lockable DC+/-Meter(N) Leslie Park Golf Course Ann Arbor, MI 48105 200A AC 2120 Traver Rd 240V SolarEdge Outside Μ Owner P505 Optimizers(N) by DTE DC+/meter within 5' ACof DTE Outside on meter east wall DC+/inverters located drawn by outside on east wall DTE meter(E) L. Hoot 5/23/2022 ATS (E) Tap All components are UL listed and **Module Ratings** 200A CEC Certified, where warranted. **Znshine Solar** ZXM6-NHLDD144-450 **Inverter Ratings** Pmax(W) 450 SolarEdge SE11400H-US 42.1 Vmp(V) Input: 31A @ 400 V DC Imp(A) 10.69 Output: 48A @ 240 V AC **Building** Voc(V) 50.50 UL1741, UL1699B, UL1998, CSA 22.2 Loads Isc(A) 11.58 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 Article 250.

License #2102200014

Clubhouse

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