(N) = New) = Existing

200A Panel(E)

Μ

DTE meter(E)

Electrical One Line: Category 1, 17.92 kW DC 15.2kW AC All work to comply with the 2017 Michigan Electrical Code

Located

in

electrical

room

Inverter (N) 2-SolarEdge SE7600H-US 240V single phase inverter PV Array (N) Integrated DC Disconnect AC Combiner (N) Rapid Shutdown 56 Jinko 320W 240 single phase 2-40A breaker 17.92 kW DC ACDC+/-SolarEdge P400 Optimizers(N) AC DC+/-Located in electrical

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

room

**Inverter Ratings** SolarEdge SE7600H-US Input: 20A @ 400 V DC Output: 32A @ 240 V AC UL1741, UL1699B, UL1998, CSA 22.2

Module Ratings Jinko Solar	
JKM320M-60L	
Pmax(W)	320
Vmp(V)	33.4
Imp(A)	9.59
Voc(V)	40.9
Isc(A)	10.15

- 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.

PV Disconnect (N)

100A, fused w/80A

fuses 240V

NEMA 3R, Lockable

Located

within 5'

of DTE

meter

100A

Solar(N)

Located

in

electrical

room

#2102200014 Ann Arbor, MI 48103 Homeland Solar 4975 Miller <u>Installer</u> License 48105 Gallup Canoe Livery 3000 Fuller Rd Ann Arbor, MI Owner drawn by L. Hoot 5/20/2022 **JAMEL**