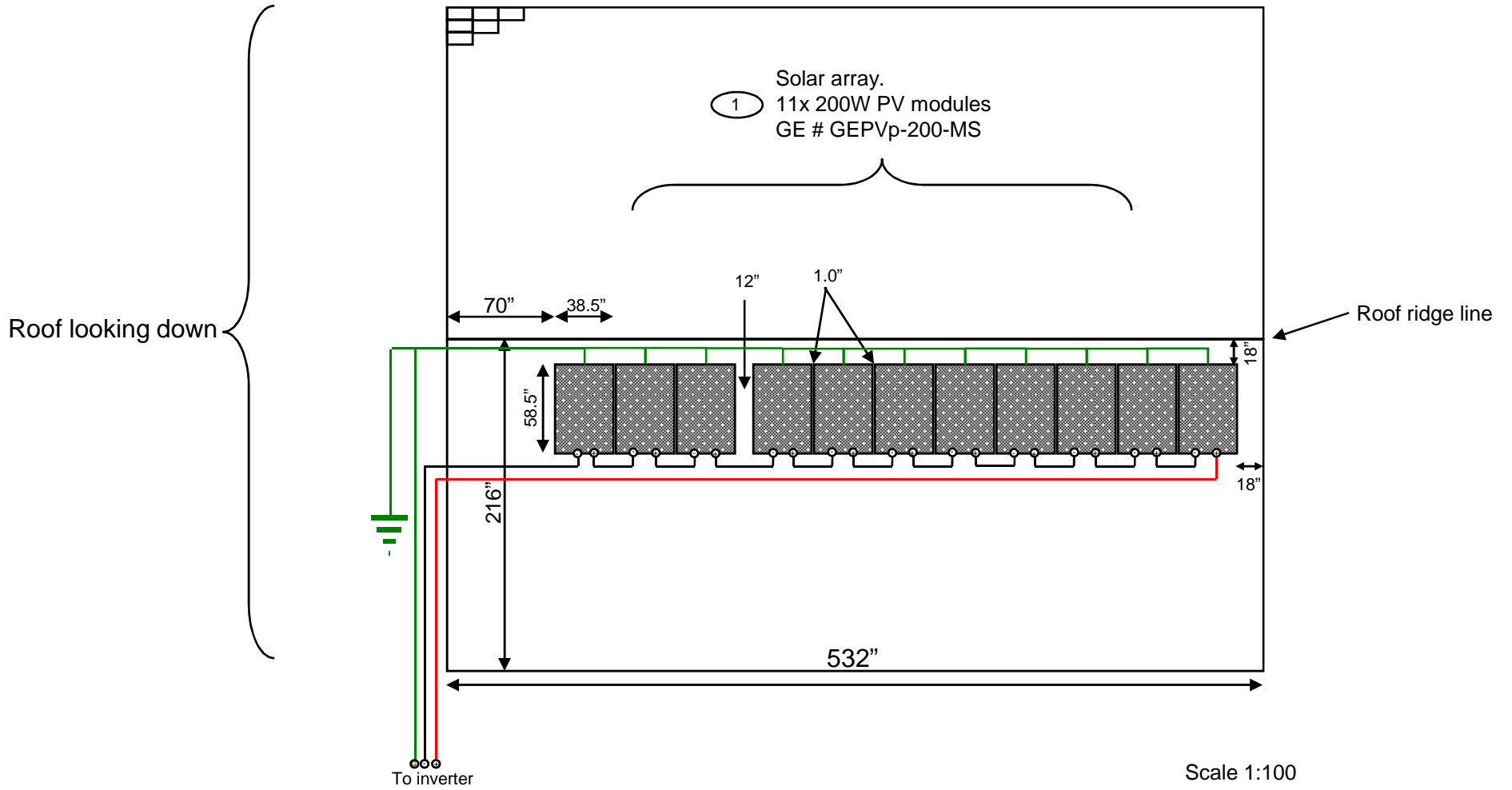
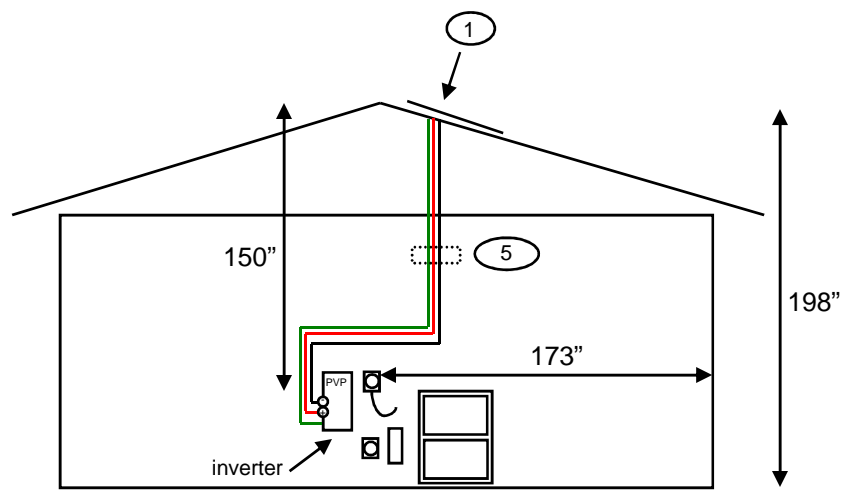


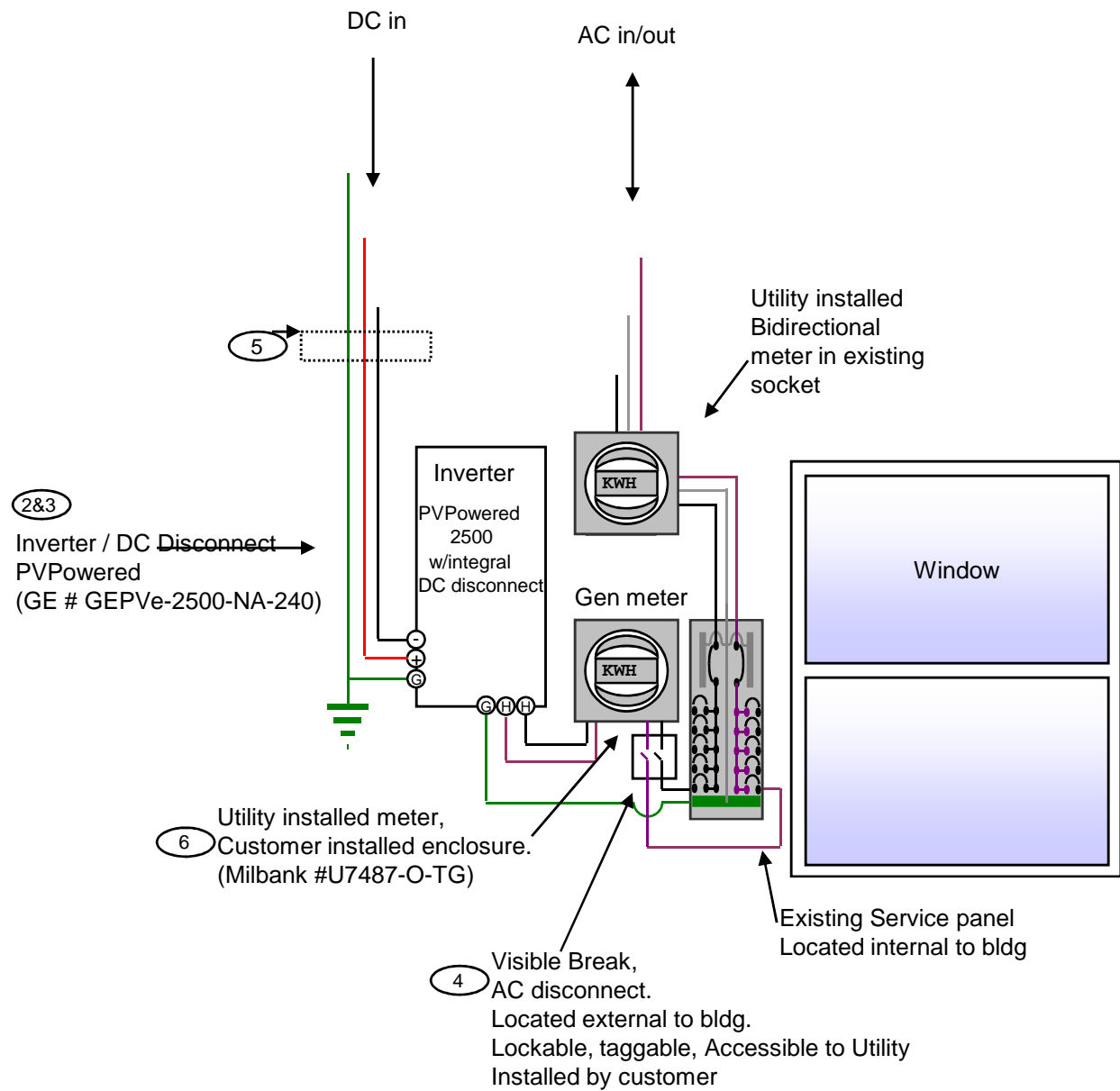


Wiring Diagram of Solar PV system: 280 Bellers Court, Ypsilanti, MI 48198



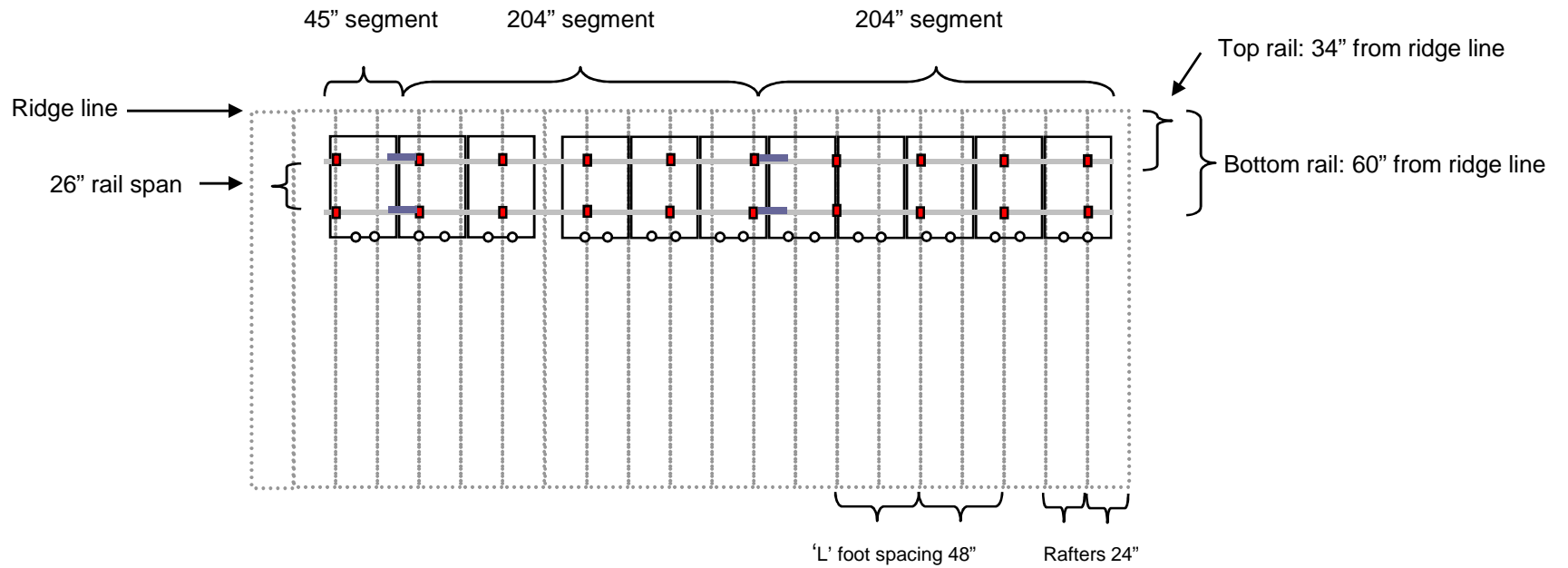


Scale 1:100

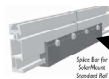


Scale 1:20

PV array mounting hardware mounting locations



“L” foot



Splice bar



Rail segment

1. Rail – Supports PV modules. Use two per row of modules. 6105-T5 aluminum extrusion, anodized.
2. Rail splice – Joins and aligns rail sections into single length of rail. It can form either a rigid or thermal expansion joint, 8 inches long, predrilled. 6105-T5 aluminum extrusion, anodized.
3. Self-drilling screw – (No. 10 x 3/4") – Use 4 per rigid splice or 2 per expansion joint. Galvanized steel.
4. L-foot – Use to secure rails either through roofing material to building structure or standoffs. L-foots will be spaced 48" on every-other rafter to support rail structure.
5. L-foot bolt (3/8" x 3/4") – Use one per L-foot to secure rail to L-foot. 18-8A2 stainless steel.
6. Lag screw for L-foot (5/16") – Attaches standoff to rafter. Stainless steel (18-8) 3" w/ flat washer. Lag screws will be coated with appropriate sealant before Inset holes.
7. Mid and end- clamps for panel mounting PV panels to rail. Clamps are included with Unirac SolarMount kit.

