Job at 12746 Broadstreet Ave – Calvin Jude

**Description of existing conditions:** Installation on asphalt shingles. The existing roof structure will adequately support with the following: Racking and attachment mounting connection: (1) 5/16’’ lag screw w/ min. 2.5” embedment into framing at max 48” o/c along rails (2) rails per row of panels, evenly spaced; panel length perpendicular to the rails not to exceed 67 in. Solar module mounting hardware design is by the manufacturer.

* Ground snow (Pg): 20psf
* Wind Speed (V): 115 mph

**Description of project:** Installing 15 solar panels, 5.55kw grid tied, onto existing structure.

**Detailed scope of proposed work for approval:**

* Installing 15 roof-mounted solar modules
* Modules are 5.55 kw and grid tied
* Modules are to be installed on an existing residence
* Battery installation is also to be performed.