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Solar PV System – Checklist

*All photovoltaic systems shall be designed and installed in accordance with the 2018-IRC, NFPA 70 NEC and the manufacturer's specifications.

- ✓ Permit application and fees
- ✓ Approval from XCEL or Grand Valley Power for electrical service
- ✓ Engineer system analysis and approval for structural installation
- ✓ Roof plan clearly identifying system components, layout and code required access to pathways. Site plan with setbacks and dimensions from property lines for ground mounted systems
- ✓ Electrical plans (must be on site for all inspections) including:
 - One-line diagram showing the locations and details of all major components
 - Number and wattage of modules
 - System type- Stand alone, Multi-mode or Interactive
 - Conductor size, type and number of wires per conduit **including grounds**
 - AC disconnect- amperage, voltage, fuse size/type
 - DC disconnect- amperage, voltage, fuse size/type
 - Rapid shutdown control per NEC Article 690.12