

SOLAR PANEL PERMIT CONDITIONS

THIS FORM MUST BE SUBMITTED ALONG WITH A COMPLETED PERMIT APPLICATION

It is recommended to set up an onsite meeting with inspectors prior to submitting for permit

Two(2) copies of the following documents shall be submitted for review:

- Report with structural calculations from an Illinois State Licensed Architect or Structural Engineer verifying that the roof structure can support all imposed loads. If the roof is found to be structurally inadequate, reinforcement drawings by an architect or an engineer, and framing details are required.
- Specification sheets and installation manuals for all components, such as recirculation pumps, panels, supporting frames and mounting.
- Provide the attachment details, flashing details, construction design for the unit and any supporting frame members for the Wind Zone, additional loading, and any site conditions.
- All documentation must be sealed and signed by the Design Professional.
- Provide 1-line electric schematic of the PV array configuration, inverter, power supply, disconnect, overcurrent protection, electrical panel, meter and ground.
- For battery backup systems, summarize the standby load.
- Provide Electrical calculations showing that all wire sizing has been determined with proper ampacity, conduit fill, and ambient derating factors.
- Provide written specifications for the inverter and power supply.
- Provide Proof of the system's compliance with NEC Article 690.

If you have any questions, please contact the Building Department:

Jeffery Hadary

(847) 588-8067

Inspector email:

jjh@vniles.com

Required Inspections: Contractors to be on site for all inspections.

Rough Framing Rough electrical Final Framing Final Electrical

**SOLAR PANEL PERMIT
INFORMATION**

*** ALL JOB SITE DUMPSTERS
MUST BE GROOT**

- _____ **DOCUMENT LIST**
- _____ **Contract/Scope of Work**
- _____ **Plans/Support Documents**
- _____ **Specifications**
- _____ **Structural Calculations**
- _____ **Electrical License**

- J.U.L.I.E. 811
- GROOT (dumpsters) 800-244-1977
- Building Department 847-588-8060
- Zoning Questions 847-588-8077
- Permit Technician 847-588-8043
- Electrical Inspector 847-588-8067
- Plumbing Inspector 847-588-8068
- Mechanical Inspector 847-588-8067
- Roofs/ Fences/ Concrete 847-588-8064
- Fire Code Inspector 847-588-8069
- Health Inspector 224-275-0774
- Framing Inspector 847-588-8067
- Engineering Dept. 847-588-7900
- Public Works 847-588-7900
- Water Dept. 847-588-7900
- Police / Fire 911



*Community
Development*

STANDARD REVIEW

The Village of Niles prides itself on having a very quick review process. Most permits of a normal size job will be reviewed by all trades within 10 business days of submittal. Please keep in mind what slows down the review process is incomplete applications, wrong phone numbers, and missing requirements. Please review this informational pamphlet in detail before submitting your application.

PERMITS

Made

EASY

Village of Niles Website

WWW.VNILES.COM