Optional Ground Rack for Solar Pool Panels

**Top View**

- Length based on panel size:
  - 8'0" (4x8 panels)
  - 10'0" (4x10 panels)
  - 12'0" (4x12 panels)

- Pressure treated 1"x2" or 1"x4" Fir Strip at approx. 24" spacing to support panel

- 12" Max for bottom Fir Strip and Strap

**Side View Cutaway**

- Fir Strip
- Top Header
- Clip and Screw
- 2x4 Frame

- Clip and Strap
  - Bottom Header expands and contracts up and down on rack as temperature changes.

- Cross braces as required

- Length based on rack angle. Rack angle should be between +/-15° of latitude

- LAT +/- 15°

- 10" min.
- 4"x4" P.T. Post

- Cement

- 102" O.C. (Max.)

- Frame as detailed above

- Top and Bottom Headers should rest on top of 2x4’s for support & to prevent sagging

- Strap over panels

- Fir Strip under panels

This design is generic in nature provided as an example of a typical rack layout and is not intended for all wind, snow and seismic conditions; engineering may be required based on site specific conditions and may require additional and/or alternative support methods.

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