

Inter-row Spacing (Shadow Distance):

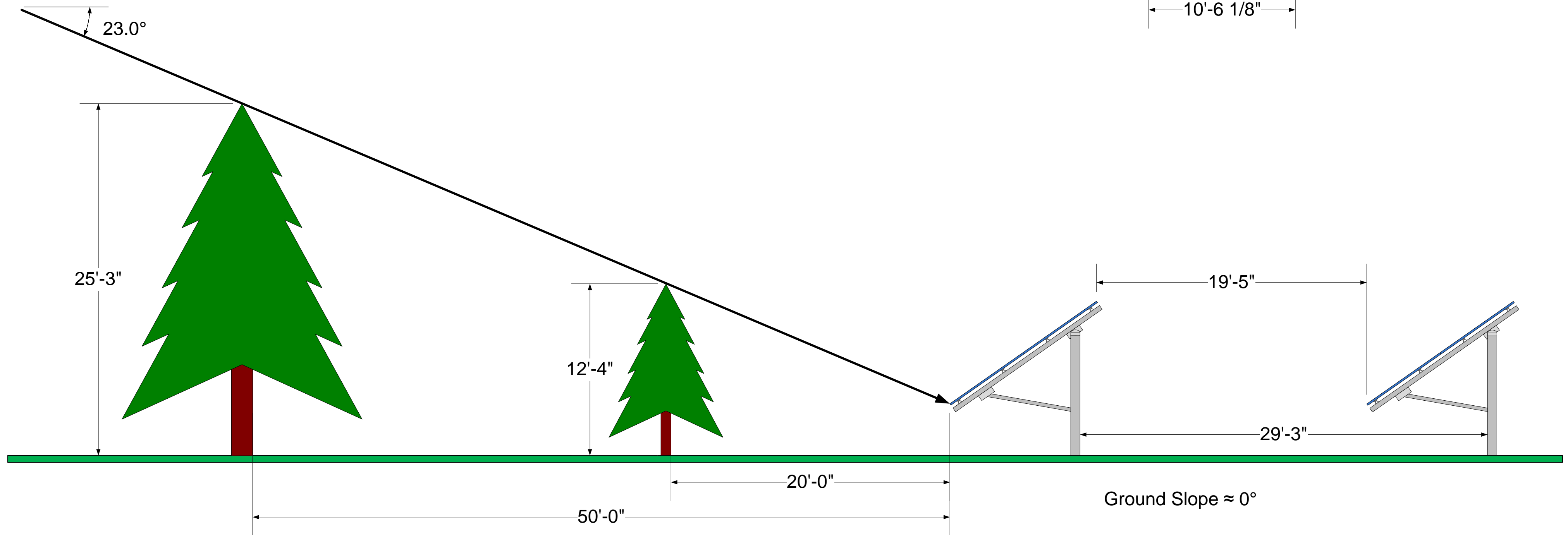
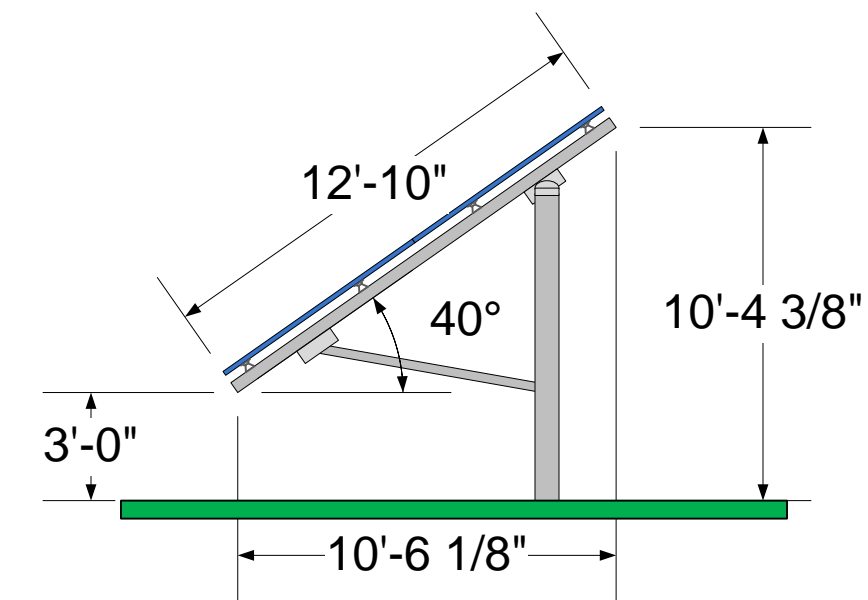
To eliminate shading during peak sun hours, distance between rows shall be at least 19'-5" from the top of the front row to the bottom of the back row, or 29'-3" pole to pole. Shading calculations are based on the sun's position over Portland, Maine on 21 December.

Irradiance Spacing (Shade-free Zone):

Shade elimination requires a zone that extends from the East, South, and West edges of the array that is free of any obstacles (buildings, plantings, or other) that would cast a shadow. This irradiance spacing varies with height and distance as shown.

Side View, Ground Mount Racking System, Pile-Driven:

Dimensions of the proposed system are as shown. See manufacturer's specifications for further details.



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19.52 kW Solar PV System – Ground Mount Racking

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524 Allen Ave, Portland, ME 04103

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