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 manufacture's specifications for further details.

CITY OF PORTLAND
APPROVED SITE PLAN
Subject to Conditions of Approval
and Standard Conditions
DATE of APPROVAL 4-6-15
PLANNER Shukria Wiar
PROJECT NO. #2015-047

ReVision Energy
142 Presumpscot Street
Portland, Maine, 04097
207-221-6342

19.52 kW Solar PV System – Ground Mount Racking

Allen Ave Unitarian Universalist Church
524 Allen Ave, Portland, ME 04103

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3/20/2015	L. Brostek	1	1	0