

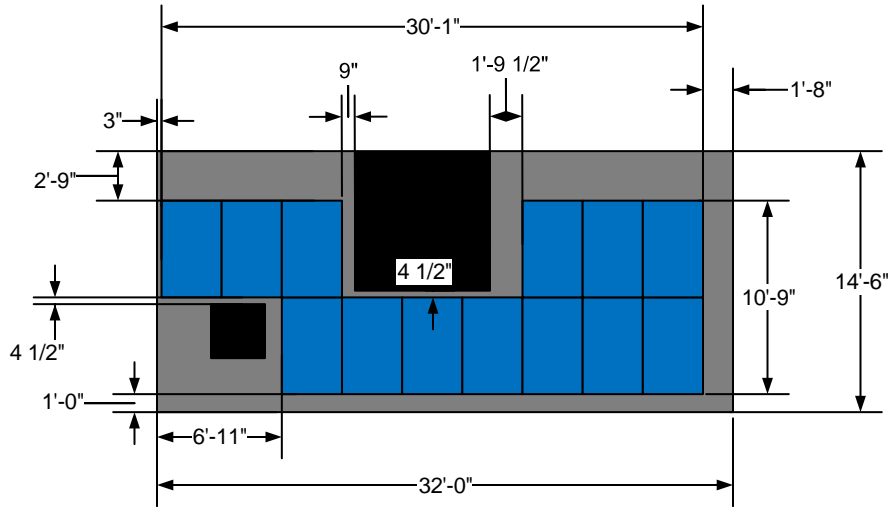
142 Presumpscot Street
Portland, ME 04103

3.97 kW DC Photovoltaic System – Roof Layout

Tom Bergh
70 Luther Street, Peaks Island, Maine 04108

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Proposed 3.97 kW DC Photovoltaic Array Barn Roof



Photovoltaic Array Design Notes:

13 Modules in Landscape, 2 Rows of 9
 Roof Mounted Racking System (flush mount)
 Module Type: LG 305W LG305S1C-B3 Mono X
 Module Dimensions: 64.57" x 39.37" x 1.38"
 Dead Load of Solar Array: 2.75 psf
 Wind Rating of Mounting System: 120 mph
 Array Tilt: 30° Array Azimuth: 160°
 Roof Dimensions: 32 x 14'-6"



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