

Knox Heritage Solar RFP

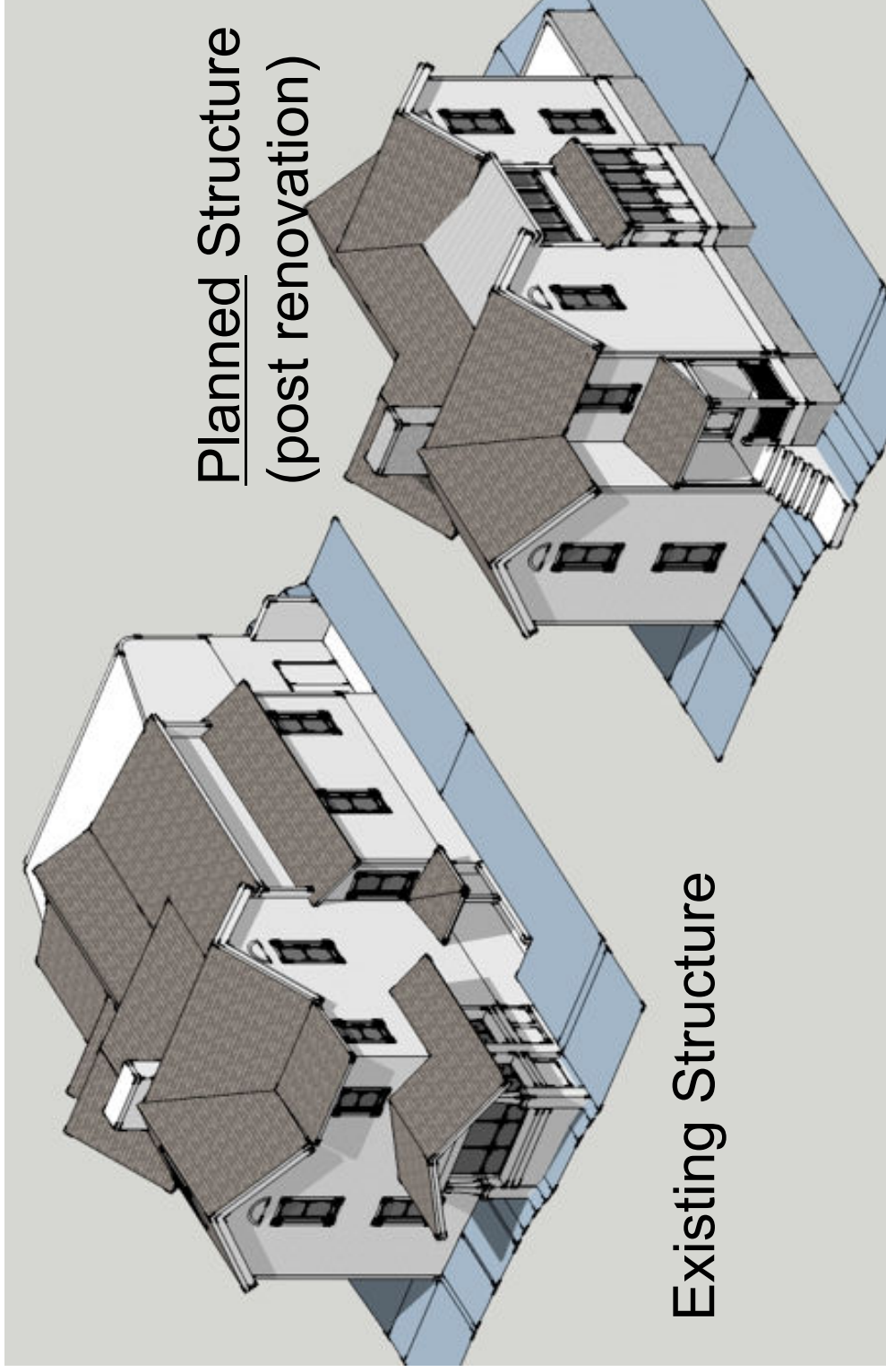
Solar PV/Thermal Specification Data and Drawings Package

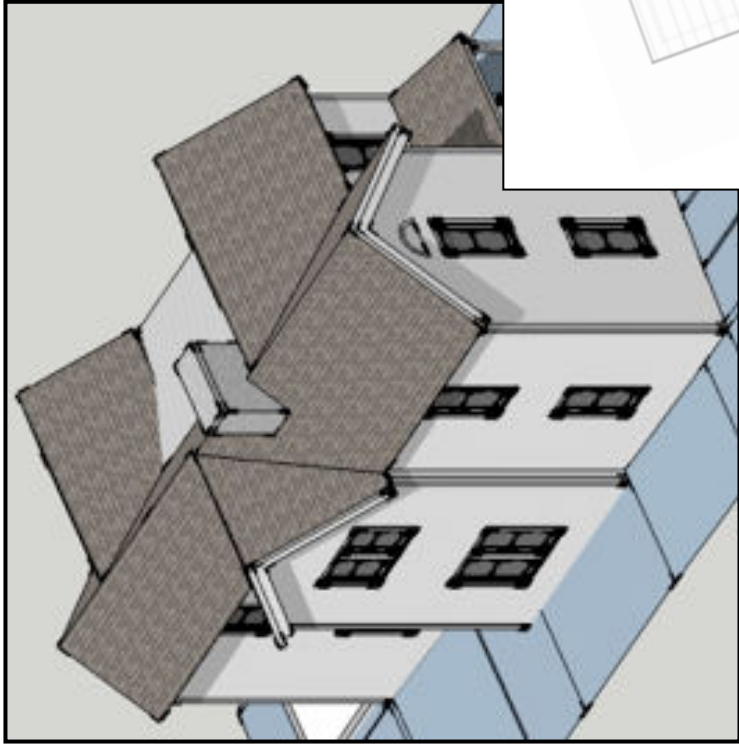
February 23, 2010



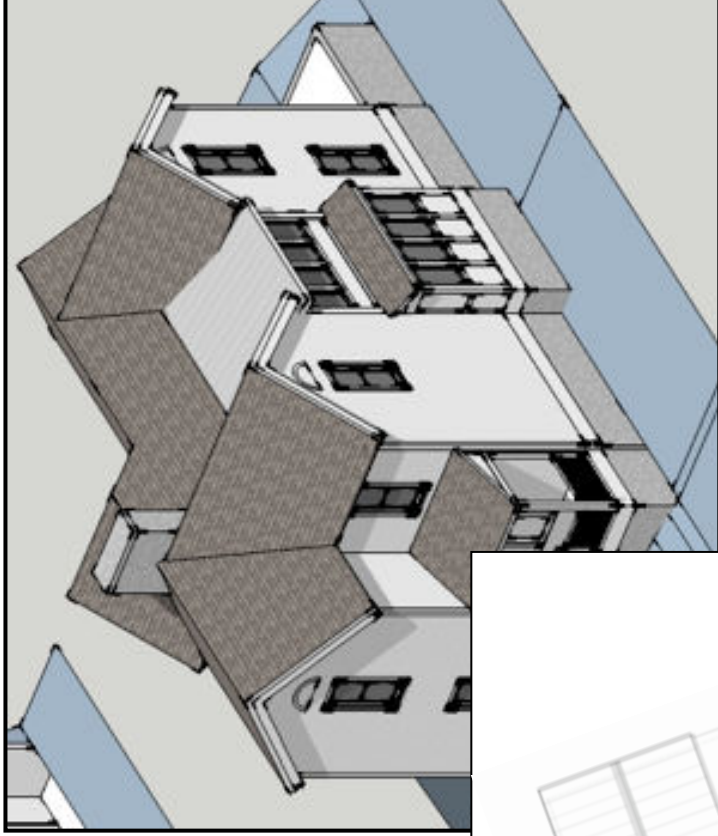
1011 Laurel Ave - Knoxville, TN

Note: The planned roof is metal standing seam.



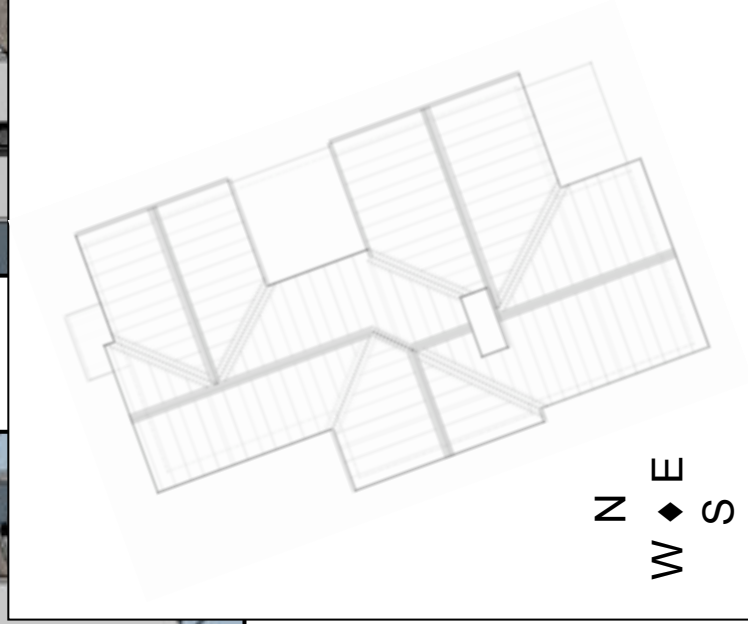


View from SW



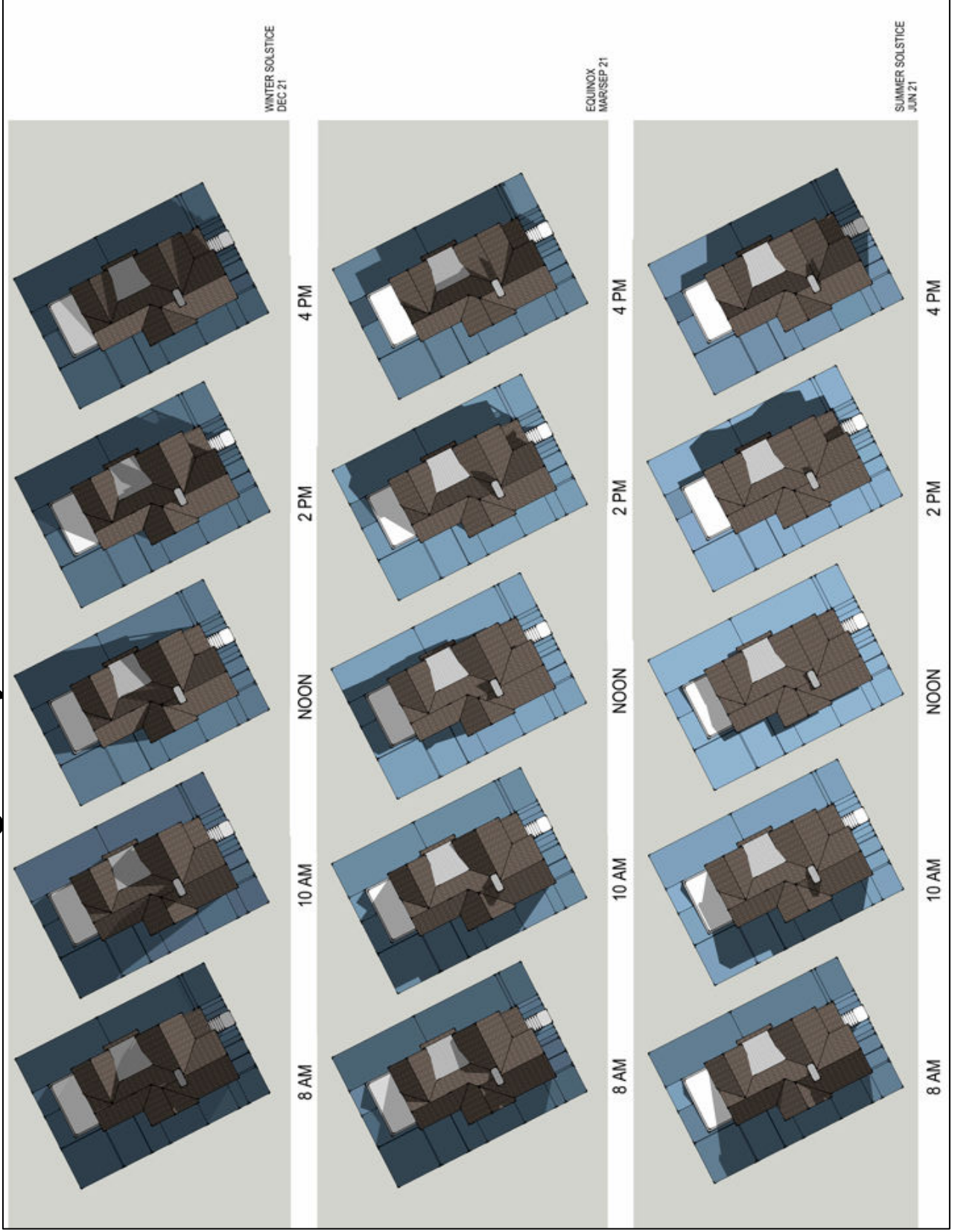
View from SE

Note: The planned roof is metal standing seam.



Site Plan View

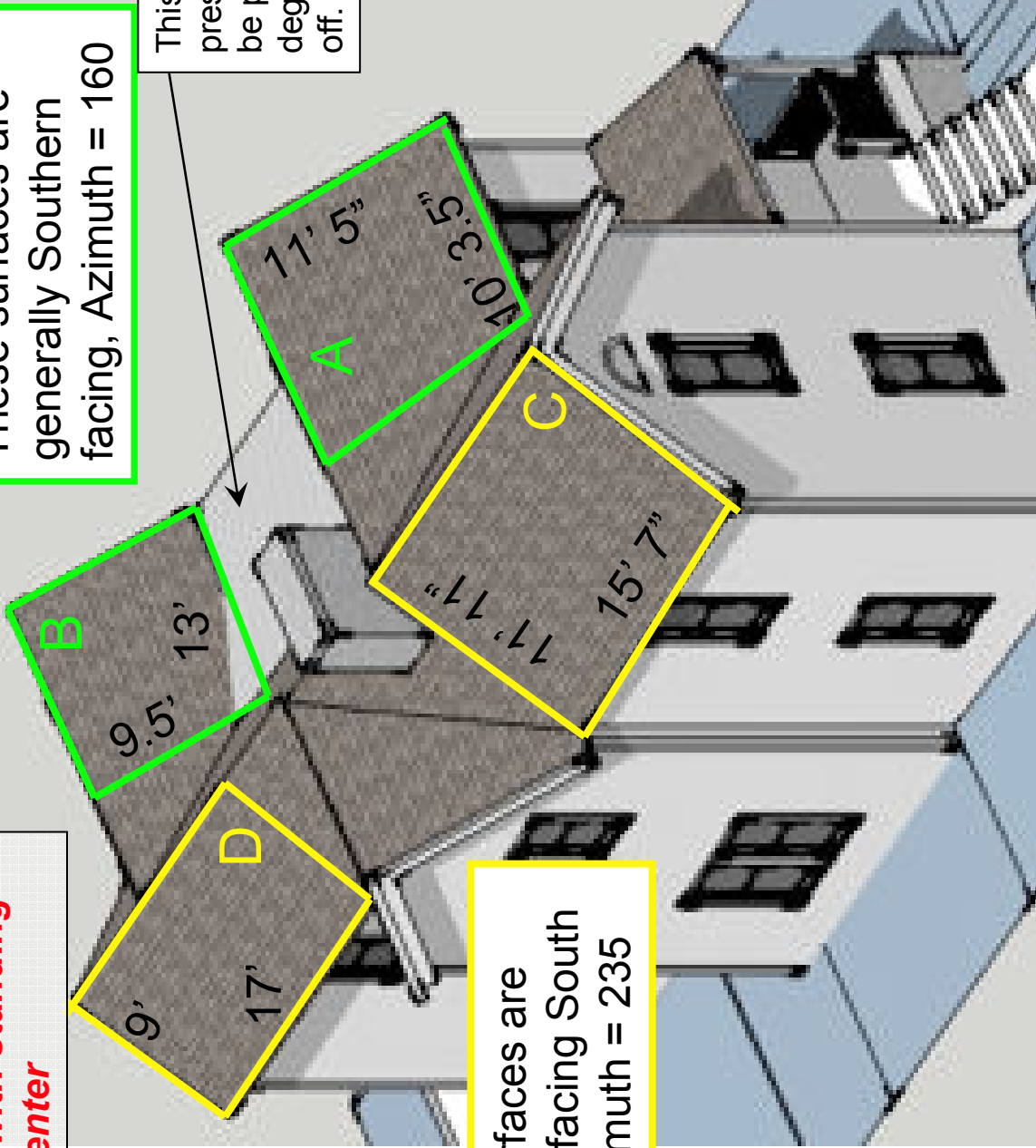
Shading Analysis - Post Remodel



Planned roof surface is to be metal roofing with standing ribs at ~16" center

These surfaces are generally Southern facing, Azimuth = 160

This roof surface is presently designed to be pitched approx 10 degrees for water run off.

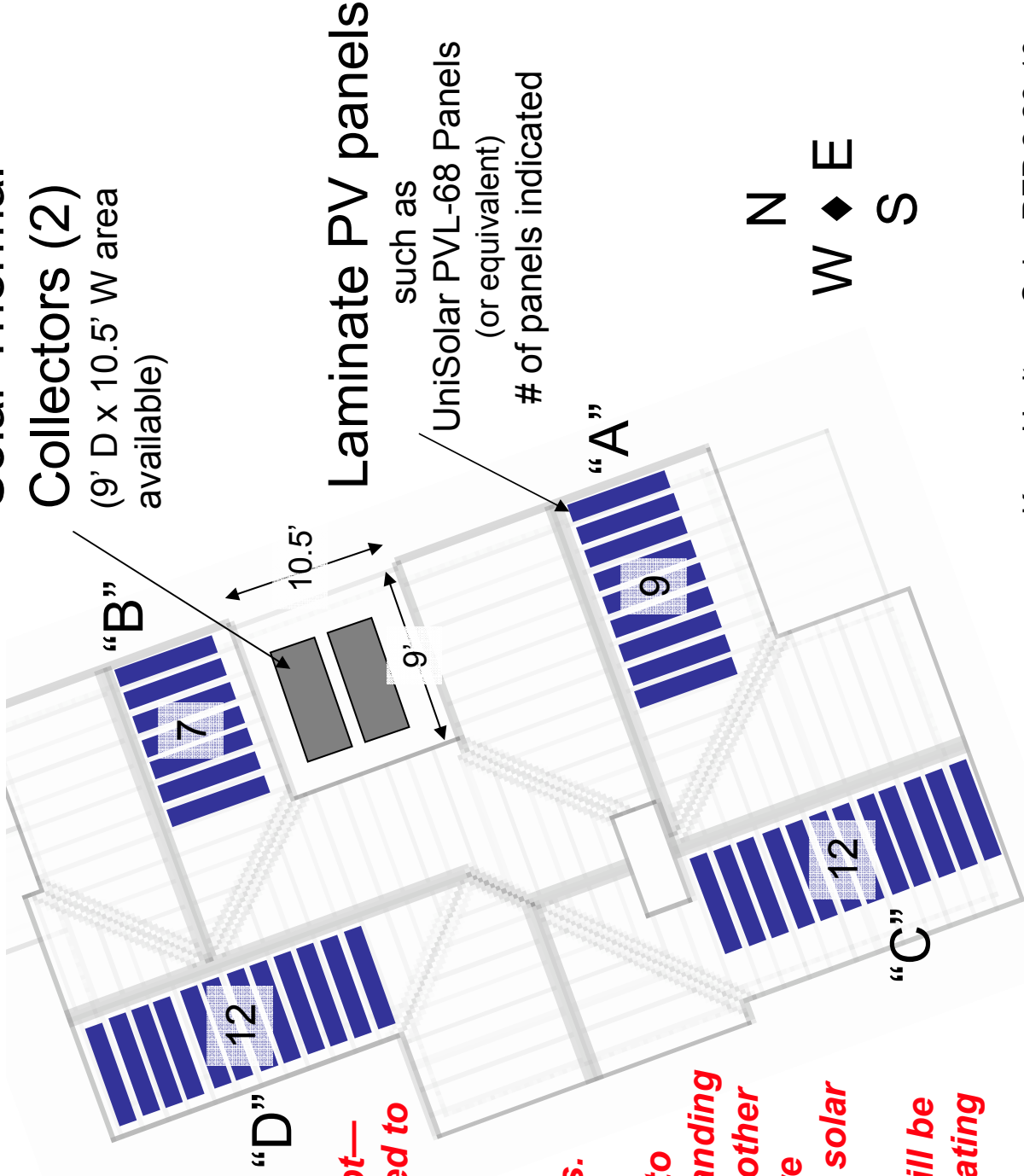


These surfaces are generally facing South West, Azimuth = 235

View from SW

Layout Concept

Solar Thermal
Collectors (2)
(9' D x 10.5' W area
available)



This is a design concept—proposals are not limited to this design.

Proposals do not have to utilize all roof spaces.

Knox Heritage is open to exploring non-metal standing seam roof options if another roof type would be more conducive to proposed solar technology (Cost of modifying roof plans will be considered when evaluating such proposals).