



September 9, 2015

Re: Anxo Cidery Project

To whom it may concern,

Given that the Anxo Cidery hopes to inhabit an existing building from 1890, and the information we have been provided about the structural integrity of the building prohibits any green roof system greater than eight to ten pounds per square foot, we offer the following considerations.

The most lightweight system LiveRoof® can offer is the LiveRoof Lite – with a 2.5 inch soil depth. At approximately fifteen to seventeen pounds per square foot (fully saturated and vegetated), this system would be over the amount that the roof can hold by at least seven pounds. The LiveRoof Lite is the lowest weight system that we could recommend for this application. The system could be populated with succulent ground covers, such as sedum species. Additionally, we would require that an irrigation system be installed at the same time as the green roof to ensure long-term health and viability. The LiveRoof system offers additional benefits in this area by being grown to maturity prior to installation.

At this time, we are unaware of any other manufacturer having any system lighter than the fifteen to nineteen pound range. Further, should such a system exist, it likely would not be very sustainable due to shallow soil depth and lack of plant material suited to the depth. Additionally, the maintenance and irrigation costs would likely be extremely high.

We would not recommend a solution that is within the eight to ten pound per square foot range, even if we were aware of a viable solution in those parameters due to the concerns listed above. Please feel free to reach out with any additional questions or concerns. We appreciate the opportunity to provide input on this project.

Kind Regards,

Kelly Connoley-Phillips
LiveRoof® Project Manager
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