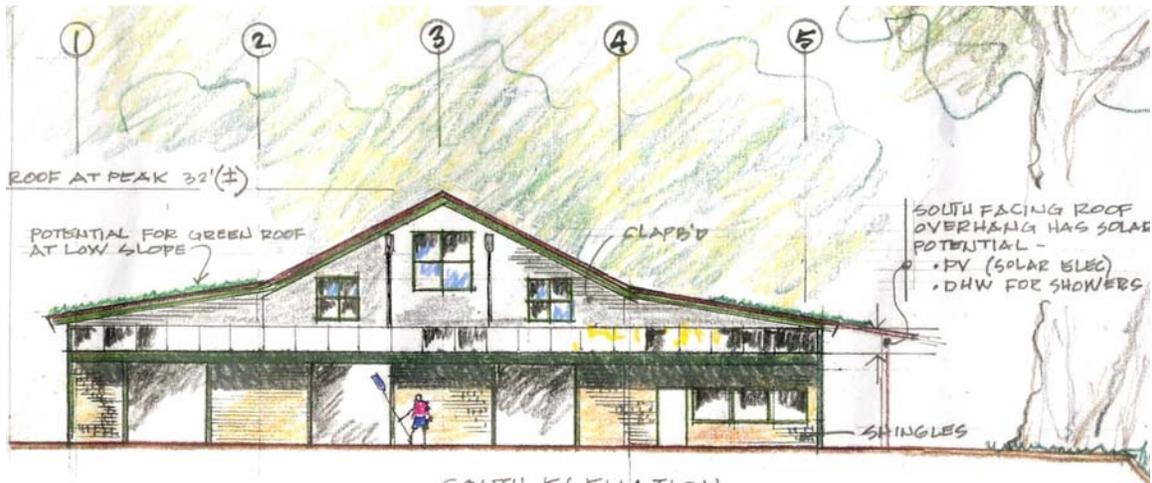


Green Roof

Jones Ferry River Access Center, Holyoke, MA



This green roof project involves a 13,000 square-foot area with a 25 percent slope. Design includes sturdier roof framing, a thick waterproof membrane to protect the roof, and four inches of bio-engineered growth media that is planted with eight varieties of Sedum to reduce stormwater runoff from the roof. In addition to capturing rainfall, the roof improves energy efficiency within the building, lowering heating and cooling costs.

Purpose: To provide a rowing/kayaking facility with boat storage, locker rooms, and a meeting room for the community. In the design process it became evident that energy conservation strategies, renewable energy and stormwater retention would help make for a good demonstration project at this important site on the Connecticut River.

Designers: C. Stuart White, Jr., Banwell Architects, Lebanon, NH, and Carlisle Roofing.

Construction Costs: \$85,000 total installation cost

Funding Source(s): EPA Targeted Watershed Initiative Grant through Pioneer Valley Planning Commission

Lessons Learned:

- Forward thinking on the part of the City of Holyoke provided important project support.

Decision Makers: City of Holyoke and the Holyoke Rows

Completed: 2009