



Jasper Ridge Biological Preserve – Sun Field Station

Stanford University, Stanford, California



Owner:	Stanford University
Completion Date:	June 2002
Size:	10,000 square feet
Architect:	Rob Wellington Quigley
General Contractor:	Butler Construction
Mechanical Contractor:	Cal Air
Program:	Classroom, Laboratory, Office, Showers
Project Description:	Green design strategies used throughout, reflecting the mission and attitudes of the scientists at the Preserve. Project will be submitted for LEED certification.
HVAC System Description:	Natural ventilation and passive cooling. Active solar collectors pre-heat heating and domestic hot water. Photovoltaic panels supplement building electrical demand. Mechanical cooling of archival areas. Simple laboratory systems integrated with building HVAC.
Taylor Engineering's Role:	<p>In conjunction with Ove Arup and Partners, Taylor Engineering provided input and advice to the design-build team. Performed early solar system feasibility analysis. Made recommendations throughout design to advance the sustainability goals of the project.</p> <p>Taylor Engineering performed HW system commissioning activities.</p>