

Hewlett Foundation Headquarters

Menlo Park, California



Version 2.0
Gold

Owner: The William and Flora Hewlett Foundation

Project Team:

Architect:	<i>B.H. Bocoock AIA Architect, Inc. Hawley Peterson & Snyder Architects</i>
Manager:	<i>Bennington/Conover & Assoc.</i>
Landscape:	<i>The Office of Cheryl Barton</i>
Contractor:	<i>Vance Brown Builders</i>
Consultant:	<i>Simon & Associates</i>

Building Statistics:

Completion Date:	<i>May 2002</i>
Cost:	<i>\$</i>
Size:	<i>48,000 gross square feet</i>
Footprint:	<i>24,500 square feet</i>
Construction Type:	<i>New Construction, Type V Office Building</i>
Use Group:	<i>Non-profit</i>
Lot Size:	<i>6.8 acres</i>
Annual Energy Use:	<i>96.45 kBtu/sf/year</i>
Occupancy:	<i>110 Staff</i>

☐ Sustainable Sites

- **Alternative Transportation:** Served by three bus lines within ¼ mile, linking building to fixed rail station; bike racks and shower facilities for bicycle commuters; preferred carpool parking in underground garage
- **Reduced Site Disturbance:** 60% of site retained as open space
- **Stormwater Management:** Bioswales and detention pond ensure no net increase in stormwater runoff; storm drains are filtered to remove TSS & TP
- **Reduced Heat Islands:** Light colored, non-petroleum based paving surfaces.

☐ Water Efficiency

- **Water Efficient Landscaping:** Native and drought tolerant vegetation with drip irrigation reduce water usage over 50%

☐ Energy and Atmosphere

- **Optimize Energy Performance:** Exceeds CA Title 24 by 35%; strategies include underfloor HVAC, thermal energy storage, photovoltaic roof panels, and daylighting. Additional commissioning further optimized systems.
- **Ozone Depletion:** No HCFCs or Halon
- **Measurement & Verification:** Continuous measurement at device/system level.

☐ Materials and Resources

- **Construction Waste Management:** 69% of debris recycled
- **Recycled Content:** 64% of materials (by cost) contain recycled content
- **Local/Regional Materials:** 40% of materials (by cost) is manufactured within 500 miles of project site.
- **Certified Wood:** 82% of total wood is FSC certified (exemplary performance)

☐ Indoor Environmental Quality

- **Construction IAQ Management Plan:** Two week flush-out after construction and before occupancy
- **Low-Emitting Materials:** Low/no VOC adhesives, sealants, paints, carpet and composite wood.
- **Controllability of Systems:** Operable windows, task lighting, motion sensors and underfloor air diffusers.
- **Daylight & Views:** All regularly occupied spaces have access to exterior views; strategies include skylights, glazed partitions and doors, lightwells and celestory windows.

☐ Innovation & Design Process

- **Innovation in Design:** Green housekeeping; green building presentation and tour as a teaching tool; used asphalt alternative for over half of total paving.



The Hewlett Foundation, LEED Project # 0139
 LEED Version 2.0 Certification Level: GOLD
 September 12, 2002

43 Points Achieved **Possible Points: 69**

Certified 26 to 32 points Silver 33 to 38 points Gold 39 to 51 points Platinum 52 or more points

9 Sustainable Sites Possible Points: 14

Y	
Y	Prereq 1 Erosion & Sedimentation Control
1	Credit 1 Site Selection 1
	Credit 2 Urban Redevelopment 1
	Credit 3 Brownfield Redevelopment 1
1	Credit 4.1 Alternative Transportation, Public Transportation Access 1
1	Credit 4.2 Alternative Transportation, Bicycle Storage & Changing Rooms 1
	Credit 4.3 Alternative Transportation, Alternative Fuel Refueling Stations 1
1	Credit 4.4 Alternative Transportation, Parking Capacity 1
1	Credit 5.1 Reduced Site Disturbance, Protect or Restore Open Space 1
1	Credit 5.2 Reduced Site Disturbance, Development Footprint 1
1	Credit 6.1 Stormwater Management, Rate and Quantity 1
1	Credit 6.2 Stormwater Management, Treatment 1
1	Credit 7.1 Landscape & Exterior Design to Reduce Heat Islands, Non-Roof 1
	Credit 7.2 Landscape & Exterior Design to Reduce Heat Islands, Roof 1
	Credit 8 Light Pollution Reduction 1

1 Water Efficiency Possible Points: 5

Y	
1	Credit 1.1 Water Efficient Landscaping, Reduce by 50% 1
	Credit 1.2 Water Efficient Landscaping, No Potable Use or No Irrigation 1
	Credit 2 Innovative Wastewater Technologies 1
	Credit 3.1 Water Use Reduction, 20% Reduction 1
	Credit 3.2 Water Use Reduction, 30% Reduction 1

8 Energy & Atmosphere Possible Points: 17

Y	
Y	Prereq 1 Fundamental Building Systems Commissioning
Y	Prereq 2 Minimum Energy Performance
Y	Prereq 3 CFC Reduction in HVAC&R Equipment
2	Credit 1.1 Optimize Energy Performance, 20% New / 10% Existing 2
2	Credit 1.2 Optimize Energy Performance, 30% New / 20% Existing 2
1	Credit 1.3 Optimize Energy Performance, 40% New / 30% Existing 2
	Credit 1.4 Optimize Energy Performance, 50% New / 40% Existing 2
	Credit 1.5 Optimize Energy Performance, 60% New / 50% Existing 2
	Credit 2.1 Renewable Energy, 5% 1
	Credit 2.2 Renewable Energy, 10% 1
	Credit 2.3 Renewable Energy, 20% 1
1	Credit 3 Additional Commissioning 1
1	Credit 4 Ozone Depletion 1
1	Credit 5 Measurement & Verification 1
	Credit 6 Green Power 1

5 Materials & Resources Possible Points: 13

Y	
Y	Prereq 1 Storage & Collection of Recyclables
	Credit 1.1 Building Reuse, Maintain 75% of Existing Shell 1
	Credit 1.2 Building Reuse, Maintain 100% of Existing Shell 1
	Credit 1.3 Building Reuse, Maintain 100% Shell & 50% Non-Shell 1
1	Credit 2.1 Construction Waste Management, Divert 50% 1
	Credit 2.2 Construction Waste Management, Divert 75% 1
	Credit 3.1 Resource Reuse, Specify 5% 1
	Credit 3.2 Resource Reuse, Specify 10% 1
1	Credit 4.1 Recycled Content, Specify 25% 1
1	Credit 4.2 Recycled Content, Specify 50% 1
1	Credit 5.1 Local/Regional Materials, 20% Manufactured Locally 1
	Credit 5.2 Local/Regional Materials, of 20% Above, 50% Harvested Locally 1
	Credit 6 Rapidly Renewable Materials 1
1	Credit 7 Certified Wood 1

15 Indoor Environmental Quality Possible Points: 15

Y	
Y	Prereq 1 Minimum IAQ Performance
Y	Prereq 2 Environmental Tobacco Smoke (ETS) Control
1	Credit 1 Carbon Dioxide (CO₂) Monitoring 1
1	Credit 2 Increase Ventilation Effectiveness 1
1	Credit 3.1 Construction IAQ Management Plan, During Construction 1
1	Credit 3.2 Construction IAQ Management Plan, Before Occupancy 1
1	Credit 4.1 Low-Emitting Materials, Adhesives & Sealants 1
1	Credit 4.2 Low-Emitting Materials, Paints 1
1	Credit 4.3 Low-Emitting Materials, Carpet 1
1	Credit 4.4 Low-Emitting Materials, Composite Wood 1
1	Credit 5 Indoor Chemical & Pollutant Source Control 1
1	Credit 6.1 Controllability of Systems, Perimeter 1
1	Credit 6.2 Controllability of Systems, Non-Perimeter 1
1	Credit 7.1 Thermal Comfort, Comply with ASHRAE 55-1992 1
1	Credit 7.2 Thermal Comfort, Permanent Monitoring System 1
1	Credit 8.1 Daylight & Views, Daylight 75% of Spaces 1
1	Credit 8.2 Daylight & Views, Views for 90% of Spaces 1

5 Innovation & Design Process Possible Points: 5

Y	
1	Credit 1.1 Innovation in Design: Alternative for Asphalt Paving 1
1	Credit 1.2 Innovation in Design: Green Housekeeping 1
1	Credit 1.3 Innovation in Design: Building as Green Teaching Tool 1
1	Credit 1.4 Innovation in Design: Exemplary Performance - Certified Wood 1
1	Credit 2 LEED™ Accredited Professional 1