

Hewlett Foundation Headquarters

Menlo Park, California



Version 2.0
Gold

☐ 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.

Owner: The William and Flora Hewlett Foundation

Project Team:

| | |
|-------------|--|
| Architect: | <i>B.H. Bocook 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> |



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** **5 Materials & Resources** **Possible Points: 13**

| | | | |
|---|------------|---|---|
| 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 |

| | | | |
|---|------------|--|---|
| 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 |

1 Water Efficiency **Possible Points: 5**

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|---|------------|---|---|
| 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 |

15 Indoor Environmental Quality **Possible Points: 15**

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|---|------------|--|---|
| 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**

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|---|------------|---|---|
| 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 |