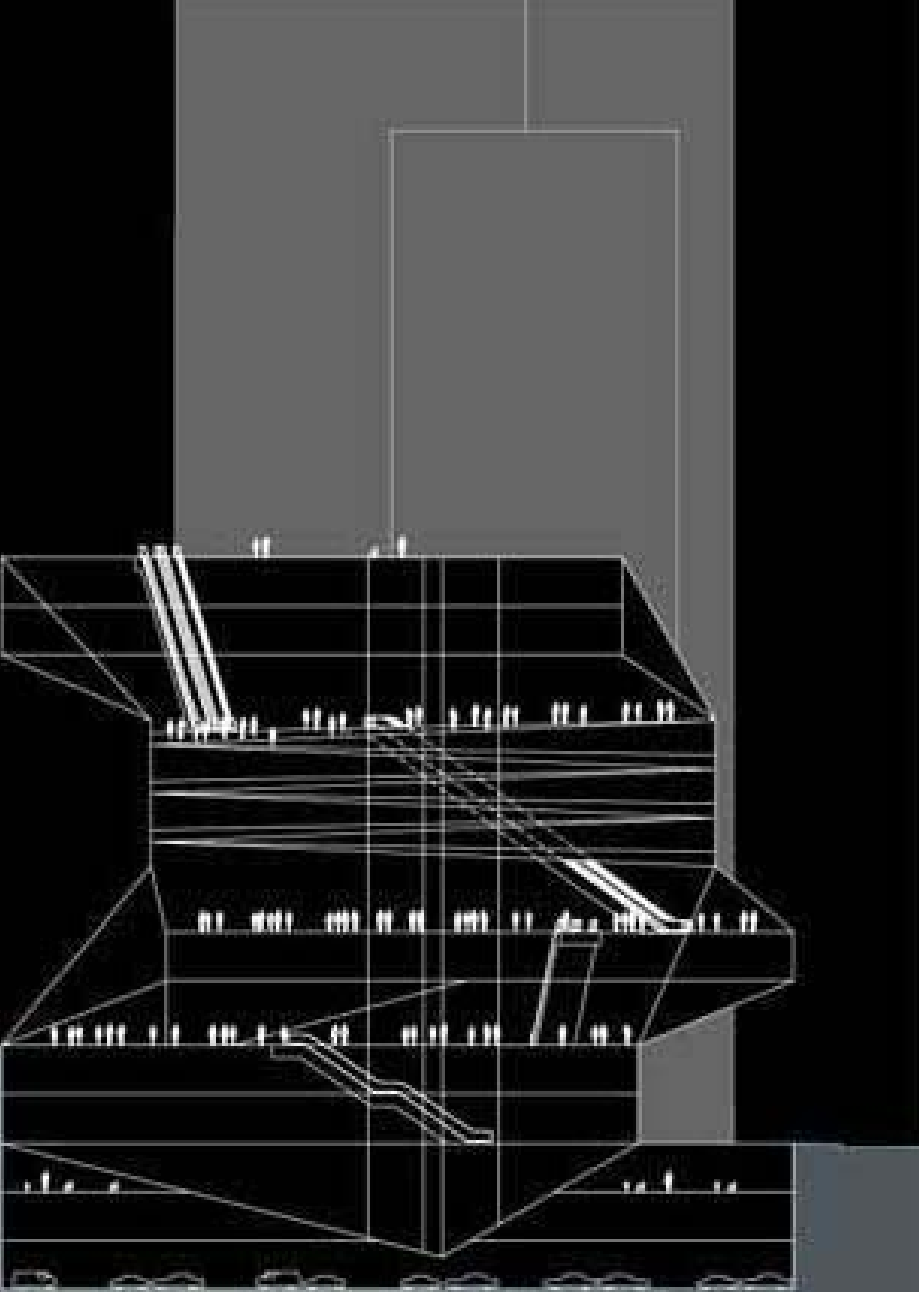


# Seattle Central Library



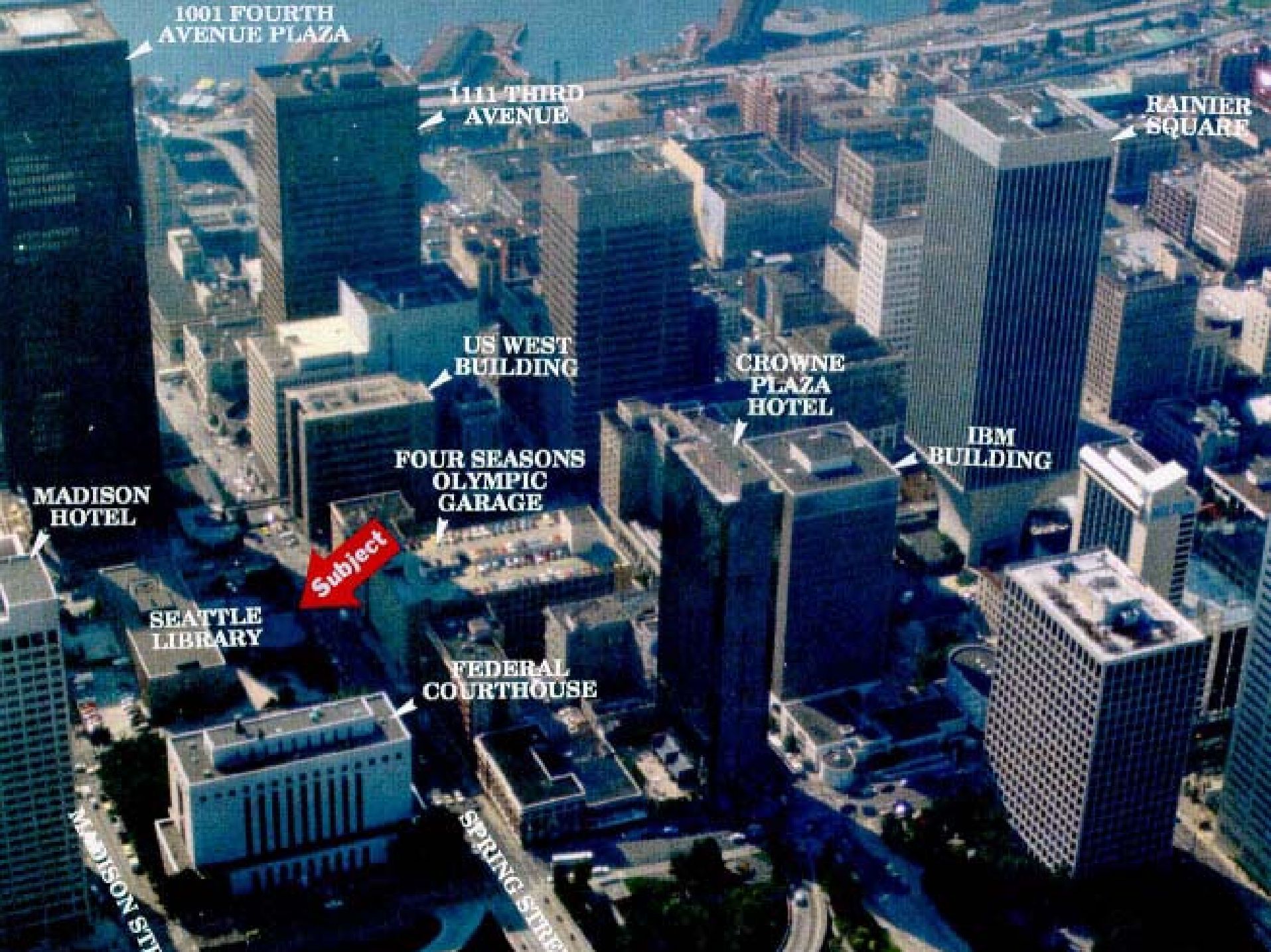


**7 Sustainable Sites**Possible Points: **14**

Y

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





1001 FOURTH AVENUE PLAZA

1111 THIRD AVENUE

RAINIER SQUARE

MADISON HOTEL

SEATTLE LIBRARY

FOUR SEASONS OLYMPIC GARAGE

FEDERAL COURTHOUSE

US WEST BUILDING

CROWNE PLAZA HOTEL

IBM BUILDING

Subject

MADISON STREET

SPRING STREET

**8 Materials & Resources**

Possible Points: 13

Y

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

# Recycled-content Materials

- Concrete rubble used as fill before construction
- Worthwood flooring made from Oregon Scrap wood
- Structural steel: 90% recycled scrap
- Steel rebar: 97.5% recycled scrap
- Exterior aluminum: 30% recycled content
- Steel doors and frames: 48% recycled content
- Sheet aluminum flooring: 20% recycled content
- Gypsum wall board: 10% recycled content
- 80-90% of shelves recycled from old building
- 20% of new materials manufactured within 500 miles of Seattle: steel rebar, concrete, cabinetry/casework, miscellaneous metals, gypsum wall board





faye g.  
allen  
children's  
center



**6 Indoor Environmental Quality**

Possible Points: 15

Y

**Y** Prereq 1 **Minimum IAQ Performance****Y** Prereq 2 **Environmental Tobacco Smoke (ETS) Control**Credit 1 **Carbon Dioxide (CO<sub>2</sub>) Monitoring** 1Credit 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** 1Credit 4.1 **Low-Emitting Materials, Adhesives & Sealants** 1Credit 4.2 **Low-Emitting Materials, Paints** 1**1** Credit 4.3 **Low-Emitting Materials, Carpet** 1Credit 4.4 **Low-Emitting Materials, Composite Wood** 1Credit 5 **Indoor Chemical & Pollutant Source Control** 1Credit 6.1 **Controllability of Systems, Perimeter** 1Credit 6.2 **Controllability of Systems, Non-Perimeter** 1**1** Credit 7.1 **Thermal Comfort, Comply with ASHRAE 55-1992** 1Credit 7.2 **Thermal Comfort, Permanent Monitoring System** 1Credit 8.1 **Daylight & Views, Daylight 75% of Spaces** 1**1** Credit 8.2 **Daylight & Views, Views for 90% of Spaces** 1

# Views

VIEW FROM I-5

MT RAINIER



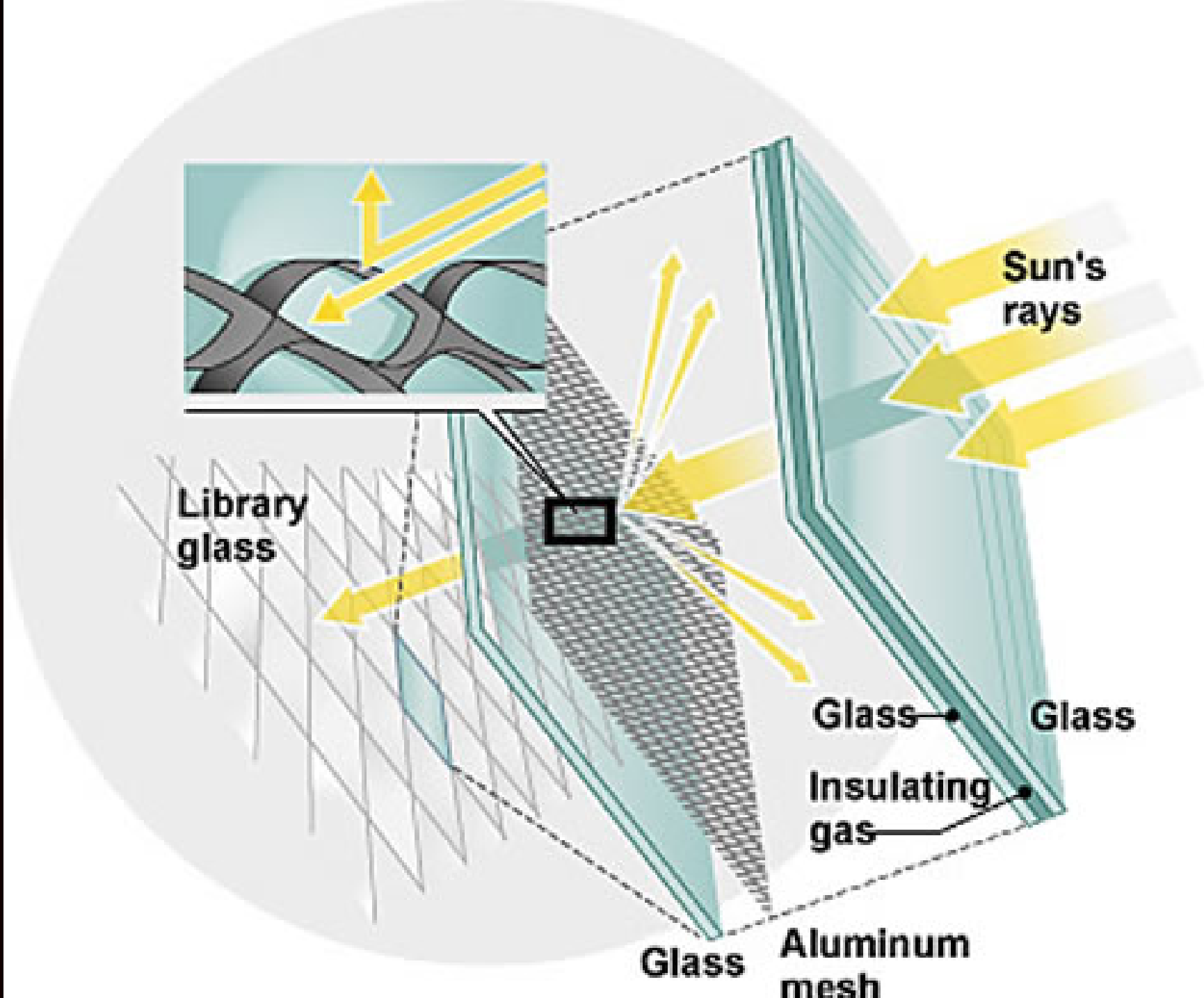
ELLIOTT BAY

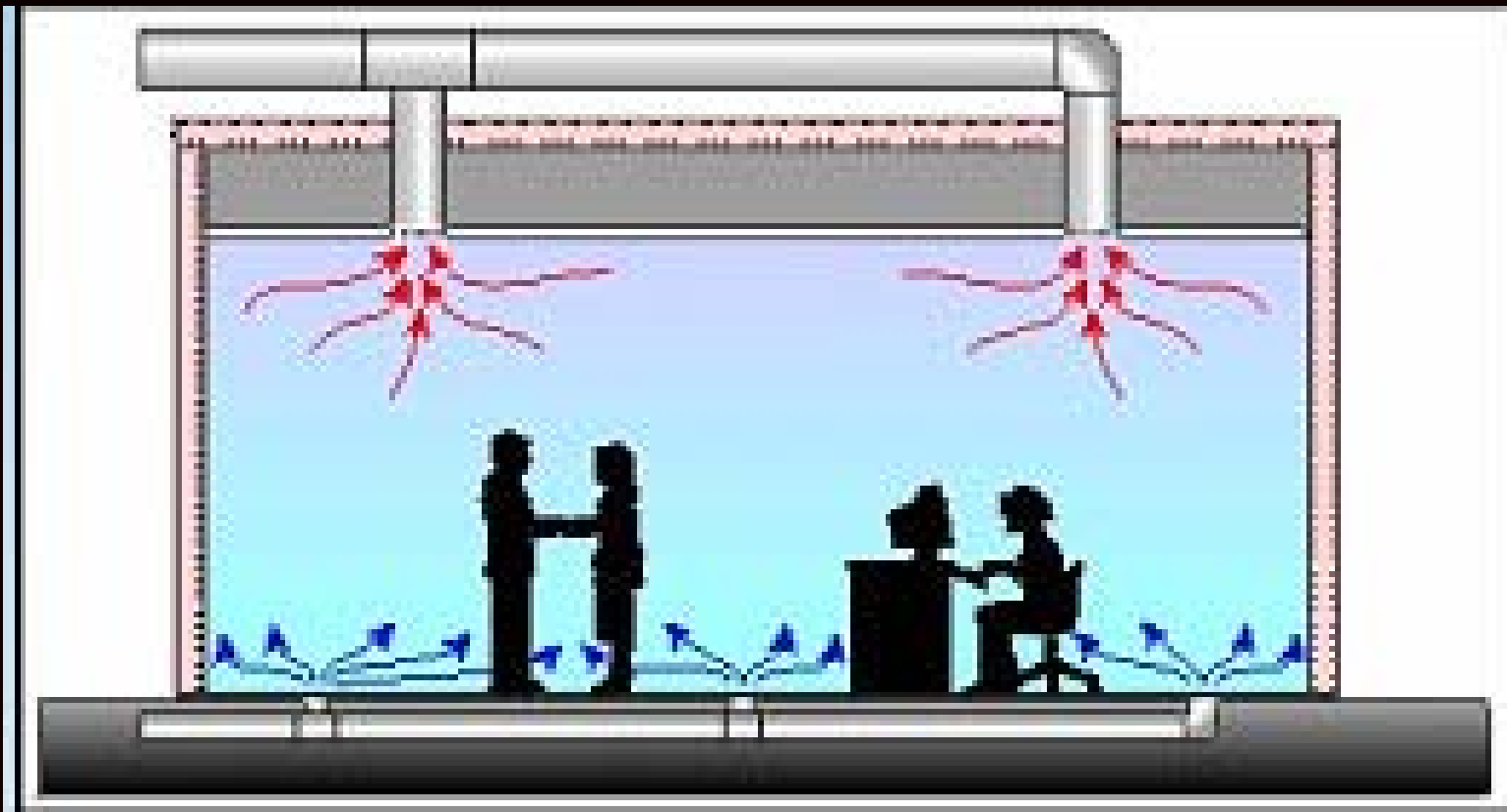
**8 Energy & Atmosphere**Possible Points: **17**

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****2** Credit 1.3 **Optimize Energy Performance, 40% New / 30% Existing** **2****2** Credit 1.4 **Optimize Energy Performance, 50% New / 40% Existing** **2****2** Credit 1.5 **Optimize Energy Performance, 60% New / 50% Existing** **2****1** Credit 2.1 **Renewable Energy, 5%** **1****1** Credit 2.2 **Renewable Energy, 10%** **1****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****1** Credit 6 **Green Power** **1**







*Displacement ventilation.*



**3 Water Efficiency**Possible Points: **5**

Y

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







(construction animation)

- <http://www.hoffmancorp.com/flash.aspx?title=Seattle%20Public%20Library>

# Photo Sources

- Worldoftoday.wordpress.com
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