AGENDA

- Beginning
- Middle
- End
The Green Rider requested numerous green features to be incorporated into the project.
Beginning (concluded)
Middle
End

- LEED Pilot Program
- 20 Page Submittal hopeless!!

Pc030005.mov
Requested numerous green features to be incorporated into the project

Required offer to include LEED at a proposed level
LEED Version 2.0

- Certified (26-32)
- Silver (33-38)
- Gold (39-51)
- Platinum (52-69)
<table>
<thead>
<tr>
<th>LEED Category</th>
<th>Possible Points</th>
<th>STC Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sustainable Site</td>
<td>14</td>
<td>12</td>
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<tr>
<td>Water Efficiency</td>
<td>5</td>
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<td><strong>Total</strong></td>
<td><strong>69</strong></td>
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<tr>
<td>Y Prereq</td>
<td>Credit 1</td>
<td>Credit 2</td>
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<tr>
<td>Erosion &amp; Sedimentation Control</td>
<td>Site Selection</td>
<td>Urban Redevelopment</td>
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</table>
1 Credit 1.1 Water Efficient Landscaping, Reduce by 50% 1
1 Credit 1.2 Water Efficient Landscaping, No Potable Use or No Irrigation 1
1 Credit 2 Innovative Wastewater Technologies 1
1 Credit 3.1 Water Use Reduction, 20% Reduction 1
Credit 3.2 Water Use Reduction, 30% Reduction 1
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
  Credit 1.2  Optimize Energy Performance, 30% New / 20% Existing 2
  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
Credit 5  Measurement & Verification 1
Credit 6  Green Power 1
Materials & Resources
6 of 13 Points

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 Shell 1
Credit 1.3 Building Reuse, Maintain 100% Shell & 50% Non-Shell 1

1 Credit 2.1 Construction Waste Management, Divert 50% 1
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
1 Credit 5.2 Local/Regional Materials, of 20% Above, 50% Harvested Locally 1

Credit 6  Rapidly Renewable Materials 1
Credit 7  Certified Wood 1
Y Prereq 1  Minimum IAQ Performance Required
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
Credit 4.4  Low-Emitting Materials, Composite Wood 1
Credit 5  Indoor Chemical & Pollutant Source Control 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
Credit 8.1  Daylight & Views, Daylight 75% of Spaces 1
Credit 8.2  Daylight & Views, Views for 90% of Spaces 1
Innovation & Design
Process – 5 of 5 Points

1 Credit 1.1 Innovation in Design: Recycle Content – Achieved 107%
1 Credit 1.2 Innovation in Design: Local/Regional Materials – Achieved 75%
1 Credit 1.3 Innovation in Design: Energy Recovery Technology
1 Credit 1.4 Innovation in Design: Variable Speed Drive Technology
1 Credit 2 LEED™ Accredited Professional
### LEED Gold at Construction Start

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## LEED Gold Final Points

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Critical Success Elements

- Written into contracts
- Started from beginning
- Dedicated team
EPA Successes

Regional headquarters

Science & Technology Center
- Beginning
- Middle
- End (Really)

**QUESTIONS**
Building Green Makes Cents

Thank you and enjoy your tour!