**Performance Design Elements**

**Passive Climatic Concepts:**
- Building Orientation and Openings
- Windows Orientation and Size
- Awnings For Openings Protection
- Day-lighting Strategies Using Radiance™
- Cool Roof
- Low Flow Plumbing Fixtures
- Waterless Urinals
- High Performance Envelope
- Water Harvesting Green Spaces
- Drought Tolerant Landscaping
- Low Flow Irrigation

**Active Systems:**
- High Efficiency HVAC Using Hourly Analysis Program
- High Efficiency Lighting & Controls With Daylight System
- Building Automation System
- Solar Water Heating System

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**DESIGNED TO EARN THE ENERGY STAR**

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.

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**Design Team:**
- Wright & Dalbin Architects
- Spencer & Associates
- EMC Engineers
- H.K.Ng Consulting Engineers
- Lisa McNelis Landscape

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**Source Energy Use Intensity (kBtu/sqft/yr)**
- 122

**Percent Energy Reduction (%)**
- 43

**ENERGY STAR Design Rating (1-100)**
- 88

**Site Energy Use Intensity (kBtu/sf/yr)**
- 36

**Total Annual Site Energy Use (kBtu/yr)**
- 758,519

**Total Annual Source Energy Use (kBtu/yr)**
- 2,533,453

**Total Annual Energy Costs ($)**
- $22,384

**POLLUTION EMISSIONS (metric tons/yr) CO2-eq**
- 127

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**ANNUAL SAVINGS STATISTICS**

*Energy saving*
- 1,916,341 kBtu

*CO2 Savings*
- 96 Metric Tons