

PNWIS 2004 Environmental Challenge

Green Engineering

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Pompeii Tower

- **Landmark for Portland**
- **A forerunner in Green Buildings**
- **A Smart Building**

Green Engineering is the Right Choice!

- **Experienced Professionals**
- **Diverse Backgrounds**
- **Extensive Resources**
- **LEED's Accredited**

The Highlights

- **Storm Water Management**
- **Waste Water Reduction**
- **Chemical Storage and Disposal**
- **Electricity**
- **HVAC Systems**
- **Architecture**

Technology

- **Roof Gardens**
- **On Site Water Treatment**
- **Alternate Power Sources**
- **Energy Conservation**
- **Light Pollution**
- **Recycled Products**
- **GHG Reduction**

Electricity

- **Alternate Sources**
- **Energy Efficiency**
- **Back Up Needs**
- **Light Pollution**

HVAC Systems

- Heating
- Cooling
- Air Movement

Water Management

- Storm Water Management
- Roof Gardens
- Gray Water Management

Chemical Concerns

- **Storage**
- **Disposal**
- **Site Remediation**

Architecture

- Land Management
- Aesthetics
- Willamette River Greenway
- Native American Historical Site

Conclusion

- **LEED's Standards**
- **Power Stability**
- **Energy Savings**
- **Building Appeal**