



**LEED CERTIFICATION
AND YOUR BUILDING**

Presented by:

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*Manager of Buildings
Artscape*



What is LEED?

What is
LEED?

Your
Building

Summary

- LEED:
Leadership in Energy and
Environmental Design

Economic

What is
LEED?

Your
Building

Summary

- Reduce operating costs
- Enhance building marketability
- More adaptable
- Increase worker productivity

Environment

What is
LEED?



- > 1/3 greenhouse gas emissions
- 340L water/person/day
- 37% energy consumption
- 90% of our time indoors

Your
Building



Summary



What is LEED?

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Your
Building



Summary



- Point based rating system
- Specific performance criteria
- Platinum, Gold, Silver or Certified

What is
LEED?

Your
Building

Summary

Six Environmental Categories

1. Sustainable Sites
2. Water Efficiency
3. Energy and Atmosphere
4. Materials and Resources
5. Indoor Environmental Quality
6. Innovation and Design Process

What is
LEED?

Your
Building

Summary

Typical Features of a Green Building

- Thermally efficient roofs, walls and windows
- Smaller, more efficient HVAC and electrical
- Water efficient supply and waste fixtures
- Adaptable interior designs
- Interior finishes and installation methods
- Little or no irrigation landscaping
- Efficient travel options for users



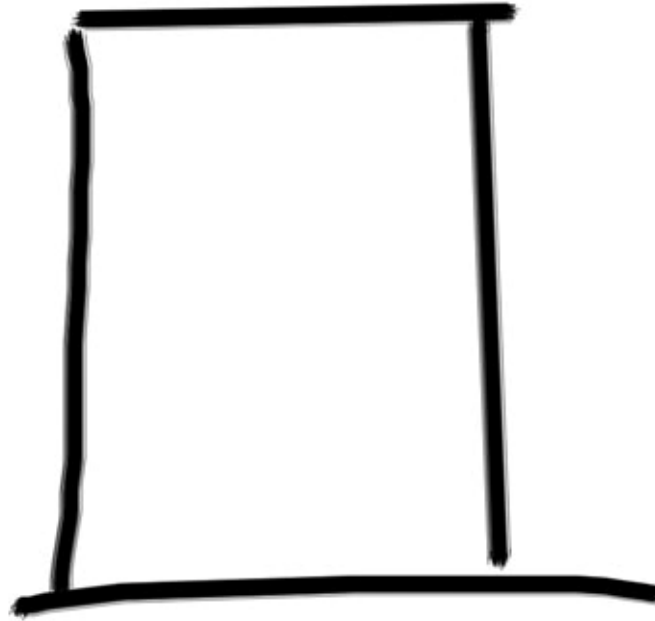
What is
LEED?



Your
Building



Summary





What is
LEED?



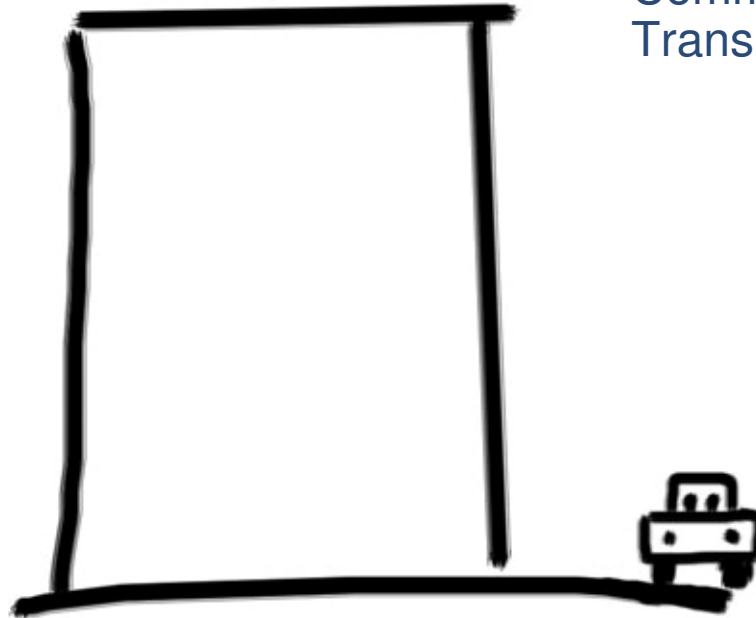
Your
Building



Summary



Alternative
Commuting
Transportation





What is
LEED?



Your
Building

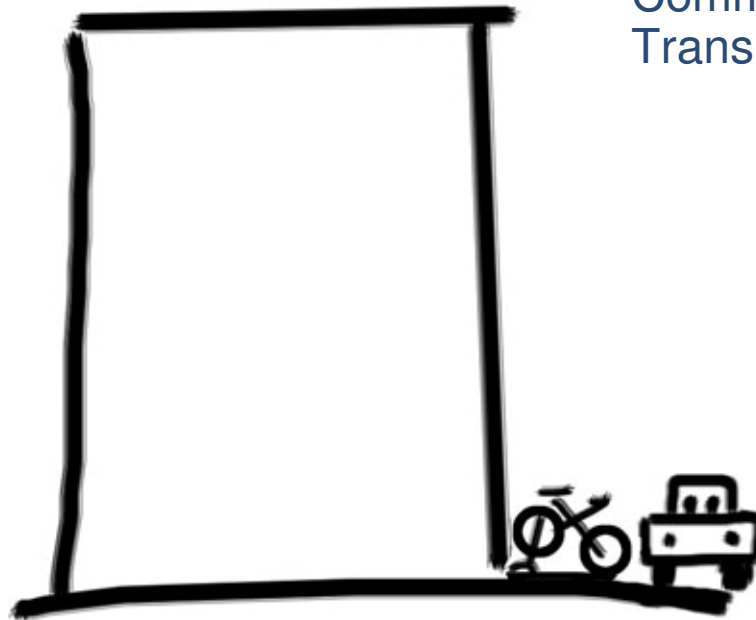


Summary



ARTSCAPE

Alternative
Commuting
Transportation





What is LEED?



Your Building

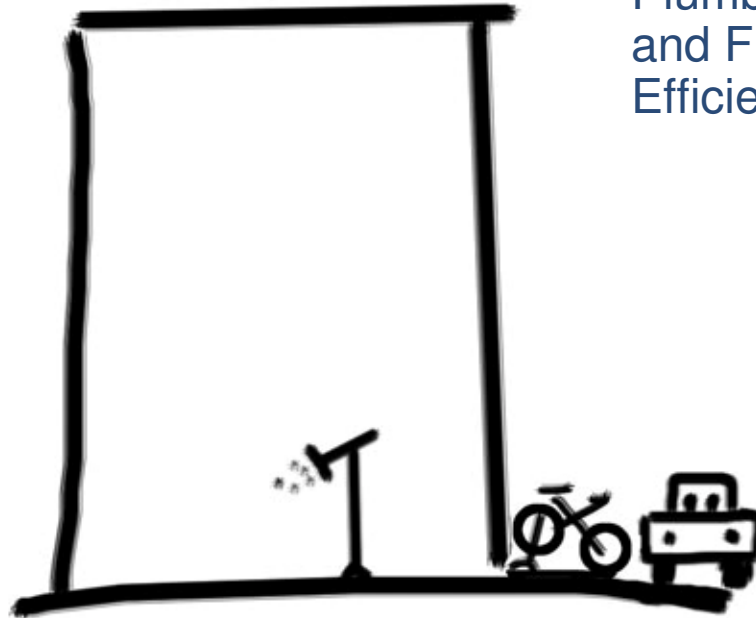


Summary



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Minimum Indoor Plumbing Fixture and Fitting Efficiency





What is LEED?



Your Building

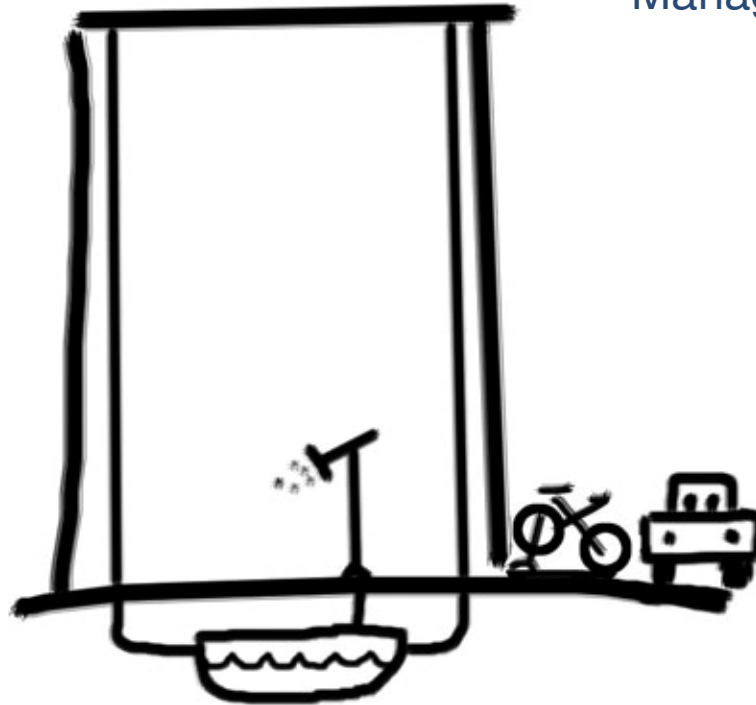


Summary



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Stormwater Management



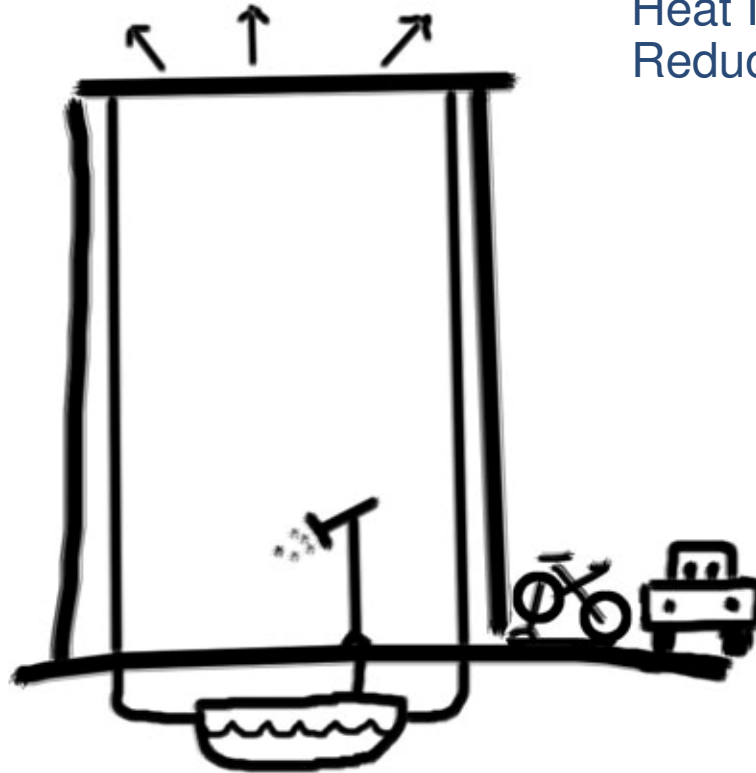
What is LEED?



Your Building



Summary



Heat Island Reduction – Roof

What is LEED?



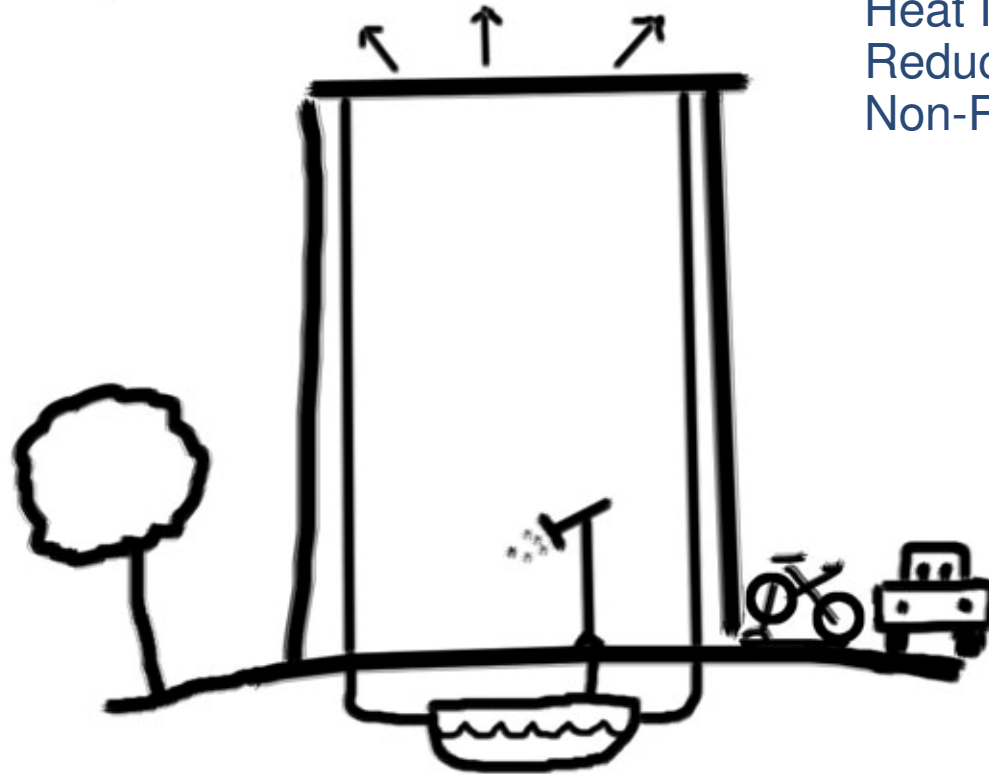
Your Building



Summary



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Heat Island Reduction – Non-Roof

What is LEED?



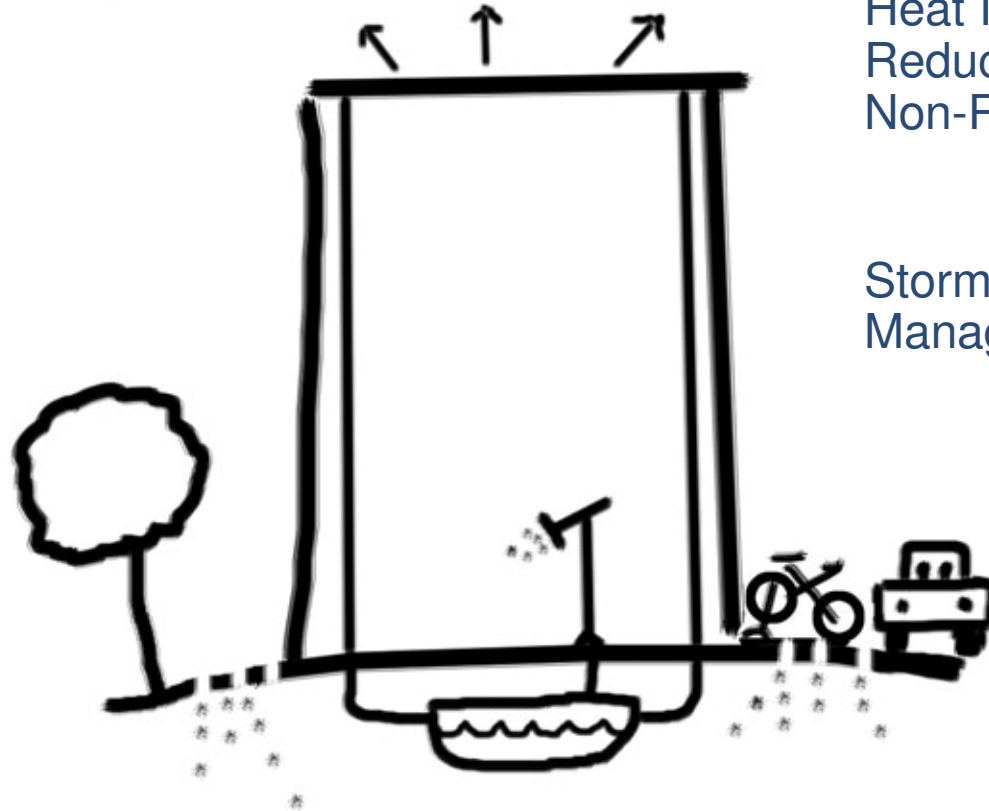
Your Building



Summary



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Heat Island Reduction – Non-Roof

Stormwater Management

What is LEED?



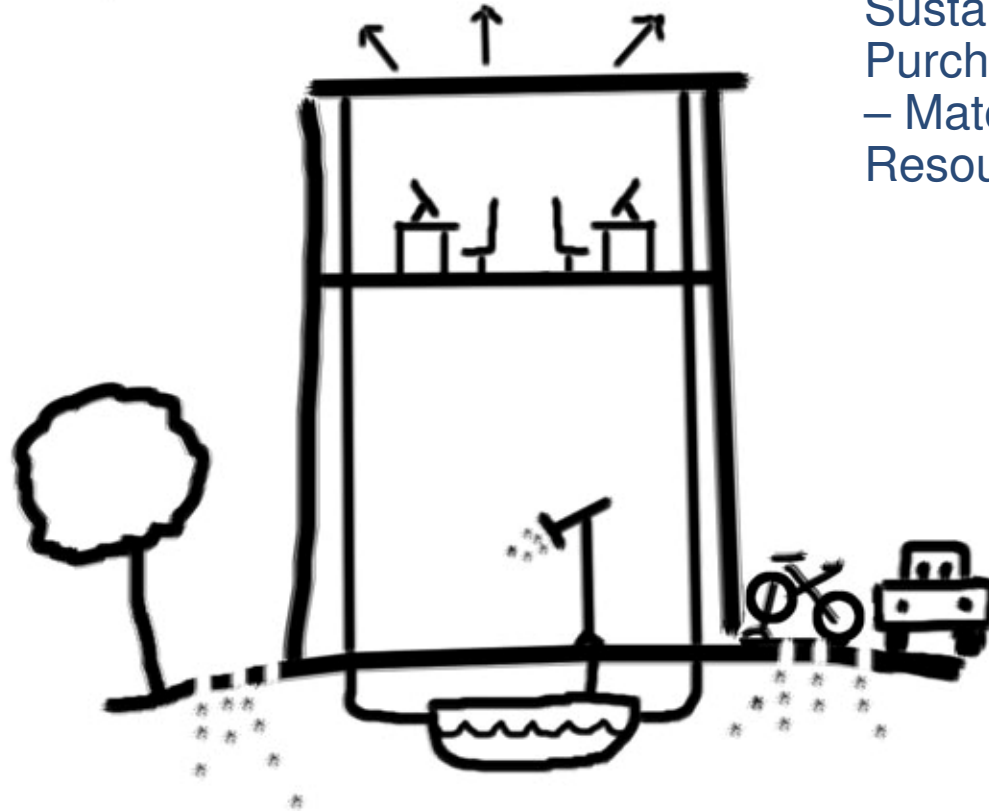
Your Building



Summary



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Sustainable Purchasing Policy – Materials and Resources

What is LEED?



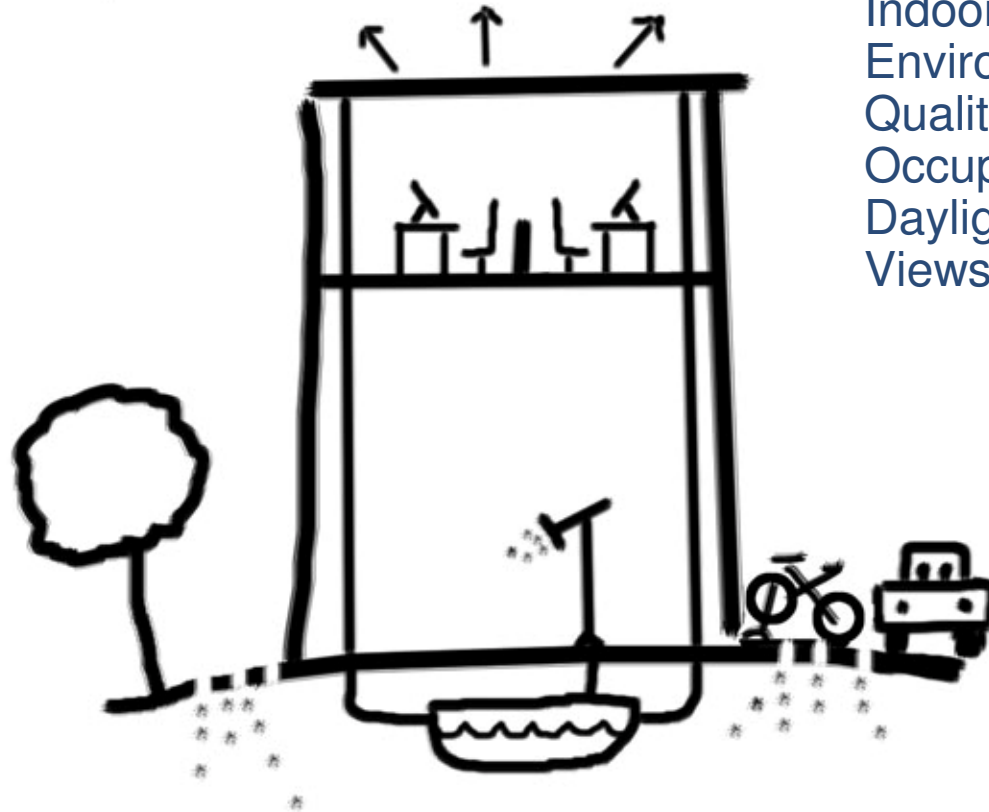
Your Building



Summary



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Indoor
Environmental
Quality –
Occupant Comfort
Daylight and
Views

LEED Credits

What is
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Your
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Summary



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CREDIT

POINTS

1. Alternative Commuting Transportation 4
2. Minimum Indoor Plumbing Fixture & Fitting Efficiency 3
3. Stormwater Management 1
4. Heat Island Reduction – Roof 1
5. Minimum Energy Performance –
6. Heat Island Reduction – Non-Roof 1
7. Sustainable Purchasing
 - Policy –
 - Ongoing Consumables 3
 - Durable Goods 2
 - Facility Alterations 1
8. Indoor Environmental Quality – Occupant Comfort Daylight & Views 2

TOTAL 18

www.torontoartscape.on.ca



Useful Websites

What is LEED?



<http://www.cagbc.org>

Sustainable Site

http://www.ec.gc.ca/water/en/manage/floodgen/e_floods.htm

<http://www.coolroofs.org/>



<http://www.energystar.gov/>

<http://eetd.lbl.gov/HeatIsland/Pavements/Albedo/>

<http://www.darksky.org/mc/page.do>

<http://www.autoshare.com>

Water Efficiency



http://www.cwwa.ca/weed/Search_e.asp

Your Building

Energy and Atmosphere

<http://www.energystar.gov/>

<http://www.cansia.ca/>

<http://www.environmentalchoice.com>

Materials and Resources

<http://www.advancedbuildings.org/>

<http://www.environmentalchoice.com>

<http://www.greenspec.com>

Indoor Environmental Quality

<http://www.informinc.org>

<http://www.wrppn.org/Janitorial/jp4.cfm>

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