# Practicing Sustainability As A Way Of Life

*Sustainable Spelman*

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# LEED FACTS

**Laura Spelman Rockefeller Hall**
Building size 20,000 square feet

*Certified for USGBC LEED NCv2.2 Certification*

| GOLD | 73 |
|---|---|

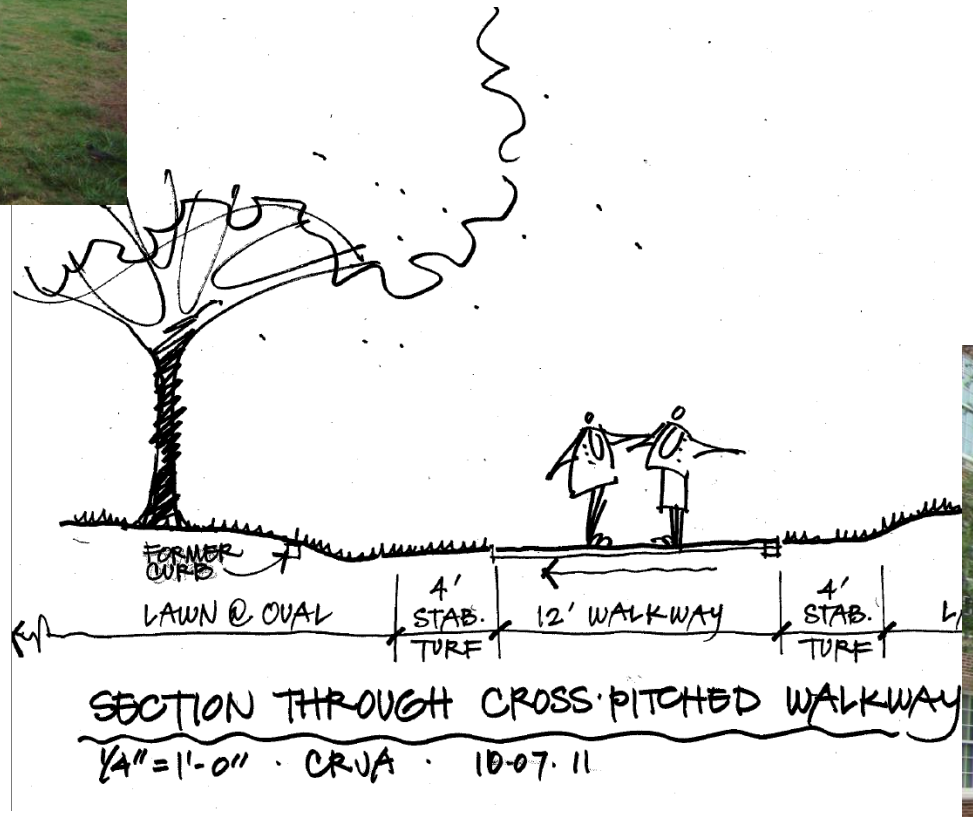
| | |
|---|---|
| *Sustainable Sites* | 23 of 26 |
| *Water Efficiency* | 4 of 10 |
| *Energy & Atmosphere* | 19 of 35 |
| *Materials & Resources* | 7 of 14 |
| *Indoor Environmental Quality* | 11 of 15 |
| *Innovation & Design* | 5 of 6 |
| *Regional Priority Credits* | 4 of 4 |

**Out of a possible 110 points*

- 47% less water use
- 30% less energy use
- 99% of construction waste diverted from the landfill
- 14% of building materials with recycled content
- 21% locally manufactured materials
- 95% of the existing structural elements have been reused

# 50% Reduction in Impervious Surface

**BEFORE:** 19 foot wide street & 5 foot sidewalk




**AFTER:** 12 foot wide walkway

**IRRIGATION CISTERN -** located between Abby & Morehouse-James, A 58,000 gallon rainwater collection system stores water for irrigation use. This reduced the amount of water entering storm sewers.


**IRRIGATION CISTERN REPLENSHMENT WELL**

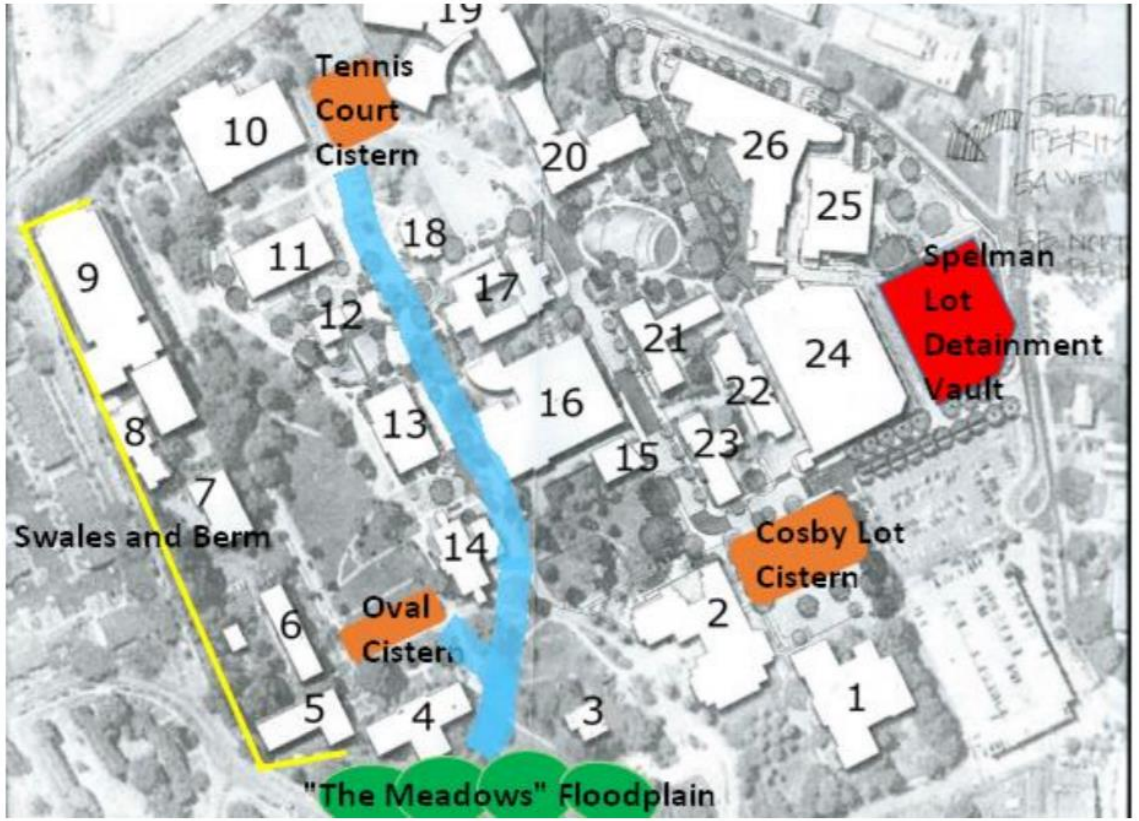
A 600 foot deep 8 inch diameter well was installed behind Facilities Management & Services near the fence along Greensferry. The well supplies 20 gallons of water per minute to the campus irrigation cistern. The well eliminates the use and expense of City water for all campus irrigation needs.

- Between September 2015 and June 2016, **student** teams worked to complete conceptual plans at Clark Atlanta University, the Interdenominational Theological Center, Morris Brown College, Spelman College and adjacent properties that drain onto the campuses as well as the Atlanta Housing Authority site.

- This effort was led by Eco-Action with funding from the EPA

# GREEN INFRASTRUCTURE CONCEPTUAL PLAN FOR SPELMAN COLLEGE

Written by Sydney Hubbert and Imani Love, Environmental and Health Sciences Department

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- Initial Design for retention of 472,000 gallons of stormwater per year
- Expanded Design for retention of 3.3 million gallons of stormwater per year
- Provides 12% of the water purchased by the Shepherd Central Plant
- This effort was led by Eco-Action with funding from Georgia Power Foundation