Tailgating Low Impact Development Style
Case Study
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Existing creek

Removed:
- 3,300 sq m building footprint
- 4,180 sq m parking lot and sidewalk

Installed:
- 4,088 sq m grass pave
- 510 sq m pervious pavement
- 139 sq m green roof
The Gatehouse green roof:
- installed nearly 139 square meters of extensive green roof on two buildings
- three inch growing media over one inch drainage layer
- roofs divided into three areas to test different media

The Gatehouse green roof research:
- plant trial for mid-south region with Horticulturist
- stormwater monitoring with Civil Engineer

The Gatehouse stormwater monitoring:
- nearly 6,000 plants in a mixture of 28 species, mostly sedum with some natives
The Gatehouse green roof:
• not irrigated other than post planting watering in

The Gardens and Gatehouse:
• Project benefactors:
  • Jerry Jones family
  • Jim Lindsey family
  • Emory Knoll Farms
  • JDR Enterprises
  • Permaloc Corporation
  • Chandler Materials
  • Schwartz Stone
  • Professional Landscaping Llc.
  • UA Horticulture Department
  • UA Civil Engineering Department
  • UA Landscape Architecture Department
• Part of a larger campus sustainability initiative
• LEED standards for buildings
• Chancellor one of first 100 who signs
  “American College and University Presidents Climate Commitment”