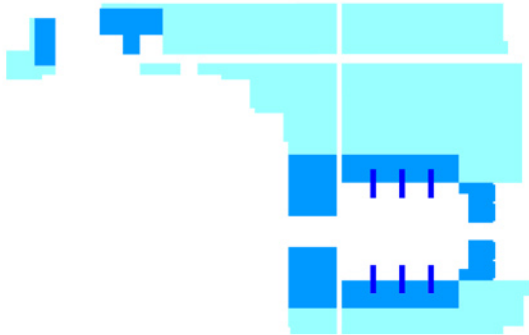


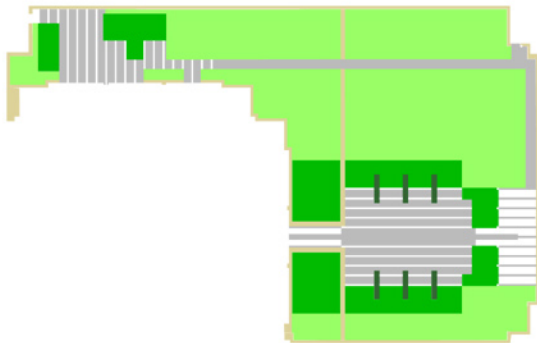
green roof fact sheet

Total Roof Area=28,400sf



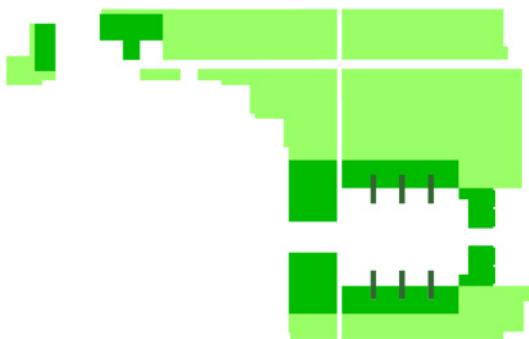
stormwater

- on average annually absorbs 67% of stormwater (approximately 560,000 gal./yr.)
- improves water quality
- reduces thermal heat gain



heat island effect

- approximately 9,400sf of pavement/stone
- reduces roof temperatures by 40% as compared to a conventional asphalt
- average solar reflectance (SRI) is 36.3
- 100% of roof exceeds 30 SRI
- All pavements exceed 45 SRI



biodiversity

- 36 plant species that include species native to the Tennessee and 16 species of sedums
- approximately 19,000sf of planted area
- utilizes drip irrigation system to deliver water until plants are established (water source from sump pumps in underground)
- Planting media depth range between 5"-30"

