

ESCARPMENT VILLAGE

Location: Southwest Austin

Project type: Retail center

Year installed: 2005



2005



2010

Photos from Growers and Green Grid Roofs.com

Description: First publicly visible green roof to be installed in Austin for a retail center striving for the latest technologies in green building. The green roof provides a view from the mezzanine level of the coffee shop seating area.

Green roof area: 8,000 square feet

Green roof type: Semi-intensive, modular tray system, 6 inch soil depth

Reason for green roof: Sustainability, energy savings, aesthetic amenity

Green roof components: Weston Solutions Green Grid System

Vegetation: Native grasses and shrubs and other plants

Water use: Spray irrigation system using potable water

Amenities: Enhanced view (roof is not accessible)

Lessons learned: A modular tray system was chosen to minimize difficulty of roof maintenance and repair. However, the modular system proved unsuitable for the Central Texas climate. (Monolithic systems have proved to be successful.) A problematic spray irrigation system contributed to nutrient rich potable water runoff. Maintenance by a party knowledgeable of green roof best practices is an important step to improved understanding of ways to improve plant health and minimize nutrient water use and nutrient export.