

# Roofing and Sheet Metal RD Herbert & Sons



## Portfolio :: Green Roof Projects

Neuhoff Packing Plant – Nashville, TN



### ADDRESS:

1312 Adams Street  
Nashville, TN 37208

### GREEN ROOF DESIGNER/ LANDSCAPE ARCHITECT:

PIVOT Landscape  
Architecture  
Portland, OR

### PLANTS & GROWING MEDIA:

GrdWild Nursery  
Fairview, TN

### ROOF SYSTEM:

Famos Mod-Bit roof

### ROOF AREA PROFILE:

2,600 square feet  
Historic Renovation

### PROJECT INFORMATION:

As part of the owners' ongoing renovations of the original meat packing plant, an extensive green roof was proposed on a two story section. Designed as a pilot project to determine the viability in this area, the owners plan to install a larger green roof on an adjacent building with further plans to turn this once abandoned warehouse into a center for Nashville's arts and sustainable conservation design.

### DETAIL:

The project started by removing the existing roofing to install the necessary vapor barrier, insulation, and first layer of Famos waterproofing. The top membrane integrated copper foil into the modified membrane and surfaced with hydrogel crystals to improve drought resistance. Five inches of growth media topped the waterproofing. Over 1200 plants from 15 different species were installed on this roof. The landscape architect and plant supplier chose to use plants indigenous to Middle Tennessee.. The edges and penetrations required an 18" border of pea gravel to aid in proper drainage and to limit root migration

