

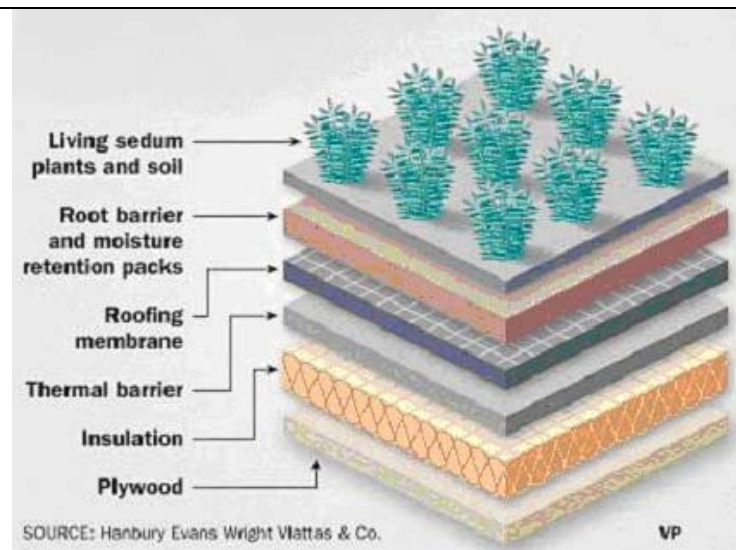
**Green Roof (Norfolk, VA)  
Atlantic Building / Hanbury Evans Wright Vlattas +  
Company - Completed in April 2004**

The four-story Atlantic Building in downtown Norfolk, built in 1891 and currently housed by the architectural firm Hanbury Evans Wright Vlattas + Company was retrofitted with a 4,300 square foot green roof.

The old roof was approaching the end of its life and needed to be replaced. The new green roof system will help mitigate runoff pollution, acting as a natural pollution-filtering system. The green roof captures 70% of the average annual rainfall and returns it to the atmosphere via evapotranspiration, putting water back into the natural cycle. The green roof will also reduce the urban heat island effect, save building energy costs, and it has double the life of a traditional roof.



Above: April 2004 photo of the completed Atlantic Building green roof by Mort Fryman/The Virginian-Pilot.



**Construction** – The XeroFlor® system installed on this roof by Building Logics (Virginia Beach) is lightweight, versatile, easy to install, and ideal for installation on new or retrofit projects. This material is identical to the XeroFlor® product utilized by Ford on their production plant – the largest green roof in America (over 10 acres). The roofing mats are available for immediate delivery to green roof projects and contain 7 different sedum varieties covering one-meter square.

Construction of the Atlantic Building green roof completed in April 2004, took 2 weeks and the total costs was \$98,000.

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**SITE ACCESSIBILITY:** Schedule visits in advance. Tours of the green roof are scheduled on a regular basis. The only access to the roof is by climbing up a steel ladder inside a fourth-story restroom. The green roof is also viewable at any time during daylight hours from a public parking garage across the street.

**DIRECTIONS:** I-64 to VA-168 South via exit number 277A and travel 4.3 miles. VA-168 South becomes VA-337 West / Tidewater Drive. Take the Watershed Drive ramp, stay straight to go onto VA-337 Alt E / Waterside, and within –0.5 miles turn right onto Atlantic Street. The building is located at 120 Atlantic Street in Norfolk, VA.



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