

CASE STUDY






<b>LEED Facts: NCv2009</b>	
Certification awarded: September 20, 2016	
<b>Silver</b>	<b>54 *</b>
<b>Sustainable Sites</b>	<b>18/26</b>
<b>Water Efficiency</b>	<b>8/10</b>
<b>Energy &amp; Atmosphere</b>	<b>6/35</b>
<b>Materials &amp; Resources</b>	<b>7/14</b>
<b>Indoor Environmental Quality</b>	<b>10/15</b>
<b>Innovation</b>	<b>4/6</b>
<b>Regional Priorities</b>	<b>1/4</b>
<i>*out of a possible 110 points</i>	

# TOWSON FIRE STATION #1

200 Courtland Ave. Towson, MD 21204

**This project has saved:**

-  57,682 kWh
-  172,120 Gallons
-  108.22 Tons

## PROJECT STORY

The new fire station is a two story, 19,693 square foot building that replaced the 61 year old station. The station was constructed on the site of a former county fueling station and houses five vehicles (Engines 1 and 101, Truck 1, and Medics 1 and 101). The county was able to raise funding for this project by selling the old building for new development. The new station houses 17 officers and firefighters as well as a state of the art fitness center.

## SUSTAINABILITY HIGHLIGHTS

Towson Fire Station #1 has installed an 8,880 square foot green roof system to help aid in their storm water management as well as reduce the heat island effect. The project chose to install a gas powered mechanical system that resulted in an estimated 23% energy use savings. Having a space that is comfortable to the officers and fire fighters who will reside there each day was very important to the team and county. The building has also been designed with complete access to outside views.

- Owner:  
**Baltimore County**
- Architect:  
**Rubeling Associates**
- Civil:  
**AMT Engineering**
- MEP:  
**BKM**
- General Contractor:  
**North Point Builders**
- LEED Consultant:  
**Lorax Partnerships**