




Project Type: Community Public Safety
LEED Rating System: New Construction
Certification Level: Silver

Eisenhower Fire Station is one of the first fire stations in Virginia to use a geothermal water source heat pump system. The vertical wells are located on-site under the parking lot. The Fire Station has 6 apparatus bays, residential facilities for the on call fire fighters, as well as a large space for the community to use. The project site sits on an old car impound lot, which was remediated prior to construction beginning on the new station. Not only does this project use geothermal, but is paired with very efficient mechanical equipment to maximize energy savings for the building. The project has also incorporated low flow water fixtures to reduce the amount of potable water used in the building.



Major Sustainability Highlights

-  39% Water reduction
-  14.67% energy savings
-  77% of construction waste was diverted

Additional Sustainable Highlights:

36.85% of the materials used came from within 500 miles of the project

Project Team:

Owner: City of Alexandria
 Architect: WGM Architects
 MEP: Gipe Associates
 Civil: Adtek
 General Contractor: Scheibel Construction
 LEED Consultant: Lorax Partnerships, LLC

LEED Facts	
Certification awarded: April 4th, 2015	
Silver	54 *
Sustainable Sites	21/26
Water Efficiency	7/10
Energy & Atmosphere	7/35
Materials & Resources	7/14
Indoor Environmental Quality	10/15
Innovation	2/6
Regional Priorities	0/4
<i>*out of a possible 110 points</i>	