



# Engineering & Property Management Sustainability Newsletter

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IN THIS ISSUE: CMPD High Performance Green Building

LEED, which stands for Leadership in Energy and Environmental Design, is a world wide green building rating system administered through the United States Green Building Council (USGBC)—a non-profit organization that promotes sustainability in buildings through design, construction, and operation. The LEED rating system sets building industry standards for environmental performance and sustainable design and has been used at some City of Charlotte facilities. The Building Services Division of E&PM has worked with CMPD to provide high quality LEED police division facilities. CMPD Westover Division is the City’s newest LEED facility.



The 16,250 square-foot facility is located at 2550 West Blvd and is also home to the Neighborhood & Business Services (N&BS) Southwest Service Area Team. Construction began in January 2015 and the facility opened its doors in April 2016. The facility earned 43 of a possible 110 points, thus achieving a certified status, with high marks in Water Efficiency, Innovation and Energy & Atmosphere. The facility boasts a 33.9% energy costs savings, compared to if it had been designed to meet the basic energy code.

During the final months of construction and for several months after occupancy, the certification process was finalized through the collaborative efforts of the project team. “Westover is the City’s first LEED version 4 facility and certification was not an easy task,” said Monifa Hendrickson-Woodside, E&PM Special Projects Project Manager, “However, we are very proud to be the City’s first LEED v4 facility. This project has given us some great experience that allows us to better prepare for the new rating system on our future projects.”

Other sustainable features of the facility include: A geothermal system which uses the ground for heating and cooling, LED lighting, occupancy sensors, electric vehicle charging stations, low flow water fixtures, and recycling. The USGBC plaque is mounted in the lobby, together with a presentation board that showcases most of the facility’s sustainable accomplishments. CMPD was pleased to have this facility be a high performing sustainable facility. In addition to the environmental and cost savings of LEED facilities, studies have shown building occupants in LEED facilities perform better and are overall happier in these facilities as well.

