



HardHat Tour

Monday, December 9, 2019

THOROUGHGOOD ELEMENTARY SCHOOL

Tour begins from site at 4:00 and concludes at 5:00 pm

OWNER
Virginia Beach City
Public Schools

ARCHITECT
VIA design

CONTRACTOR
Conrad Brothers

**STRUCTURAL
ENGINEER**
Speight, Marshall,
Francis

CIVIL ENGINEER
Kimley-Horn

PME ENGINEER
Thompson Consulting
Engineers

LANDSCAPE ARCHITECT
WPL

BUILDING AREA
91,913 SF | 2 floors

CONSTRUCTION COST
\$27.55 Million

PERCENT COMPLETE
75%

LOCATION
1444 Dunstan Lane
Virginia Beach, VA
23455

PARK & MEET
Gravel parking lot on
site, entry at the corner
on Dunstan Ln and
Adams Rd

PROJECT DESCRIPTION

VIA design has designed the replacement school for Virginia Beach City Public School's Thoroughgood Elementary. This hard hat tour will take attendees through the current construction and will focus on the enhanced learning spaces of the new school along with the sustainability efforts that were undertaken by the design, engineering, and construction teams.

The new Thoroughgood Elementary will replace an aging, overcrowded school in Virginia Beach. The new 91,913 SF facility will facilitate exploration, play, and discovery

as catalysts for education utilizing non-traditional elements and varied learning environments present in 21st century schools.

The school was designed for approximately 725 elementary students from Pre-K through 5th grade. The design is heavily rooted in its site, utilizing the existing large trees

to promote sustainable planning principles for preservation, reinforce the importance of indoor/outdoor learning spaces for children, and seek to blend and incorporate the historical nature of the site through an entrance inspired by the nearby Adam Thoroughgood house.

With the emphasis on natural light and air flow,

the building is designed to meet stringent environmental requirements, with the overall goal of producing more energy than it needs, setting an example for its students and surrounding community of the importance of designing a sustainable future.



LEARNING OBJECTIVES

- 1) Evaluate how the functions of the facility help promote an active, more involved campus life by giving students cafeteria space, recreation space, flexible multipurpose meetings paces, and fitness space.
- 2) Understand how the integration of the HVAC system and geothermal system allows for energy savings to meet LEED mechanical criteria.
- 3) Describe how the design team worked with the owners to future-proof the school so that it can be upgraded to a "Net-Zero" energy school in the future.
- 4) Assess how flexible classroom spaces will be utilized to enhance the learning experience for students and ease the strain on teachers.



REGISTRATION
At the AIAHR.org website
Events Calendar.



FOR QUESTIONS
Lamonte Woodard, AIA,
LEED BD+C
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(757) 490-3566

RSVP BY 12-8-2019
IDP Units & 1.0 AIA
Credit Available.



**HARDHATS, CLOSED-TOED
SHOES, PROTECTIVE EYEWARE,
AND SAFETY VESTS ARE
REQUIRED.**

**AIAHR WOULD LIKE TO
SINCERELY THANK**



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