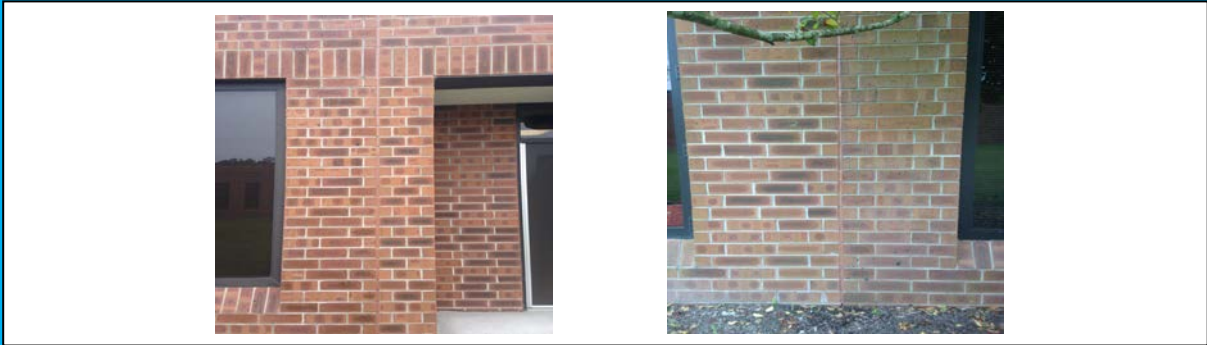




Quarterly Executive Summary
2014 Exterior Façade Sealant Replacement for Multiple Schools
Q4 2016



HCS Project Manager: Amber Barnhill

Architect/Engineer: N/A

Contractor: Southern Restoration Maintenance, Inc. (SRM)

Project Scope: Horry County Schools solicited a Best Value Design-Build Project for Exterior Façade Sealant Replacement at 27 schools located within the District. The 27 schools are divided into three Lots with a separate contract executed for each Lot.

Lot 1 included: 1) Conway High, 2) Conway Middle, 3) Homewood Elementary, 4) South Conway Elementary, 5) Socastee High, 6) St. James Elementary, 7) St. James High, 8) St. James Middle, 9) Whittemore Park Middle, and 10) Loris High.

Lot 2 included: 1) Carolina Forest High, 2) Forestbrook Elementary, 3) Forestbrook Middle, 4) Myrtle Beach High, 5) Myrtle Beach Intermediate, 6) Myrtle Beach Primary, 7) Ocean Bay Elementary, 8) Ocean Bay Middle, and 9) Palmetto Bays Elementary.

Lot 3 included: 1) Aynor High, 2) Aynor Middle, 3) Academy for Technology and Academics, 4) Daisy Elementary, 5) Green Sea Floyds Elementary, 6) Green Sea Floyds High/Middle 7) Kingston Elementary, 8) North Myrtle Beach High

Current Status: All three Lots are substantially complete and this will be the last report on this project.

Budget: Original Budget: **\$1,617,532.00** Board Approved Date: **12/15/2014** ●

Budget Issues: None. The project came in well under budget.

Schedule: Design: **N/A** Solicitation: **July 31, 2014-December 12, 2014** ●

Construction (Lot 1): **December 15, 2014-September 13, 2015**

Substantial Completion: **September 14, 2015**

Construction (Lot 2): **September 15, 2015-May 11, 2016**

Substantial Completion: **May 12, 2016**

Construction (Lot 3): **April 11, 2016- November 17, 2016**

Substantial Completion: **November 18, 2016**

Schedule Issues: None.

Achievements: Work was completed at twenty-seven (27) schools and was under budget.



Quarterly Executive Summary
 HVAC Replacements – GSFH, LH, AE, FBE, SJM, SCE, SJE
 Q4 2016



New Outside Air Unit @ Aynor Elem.

Rooftop Unit Replace @ St. James Middle

Project Managers: Brian Sexton, PE; Dennis McCrary, PE

Engineer: RMF and BES **Contractors:** Cayce; North Strand Mech.; Triad; McCarter; CMI

Project Scope: Scope includes removing and replacing water source heat pumps, split system heat pumps, rooftop units, dedicated outside air units, and wall hung heat pumps at varying schools per HCS bid packages.

Current Status: **Green Sea-Floyds High** and **Loris High:** Substantially Complete. Final punch list.
Aynor Elementary – Substantially Complete. Final punch list. (Cayce)
Forestbrook Elementary - 90% Complete; wknd/overnight schedule (NSM)
St. James Middle - 75% Complete; weekend/overnight schedule (NSM)
South Conway Elementary - Substantially Complete; final punch list (McCarter)
St. James Elementary - Substantially Complete; final punch list (Triad)

Budget: Varies by school. Board Approved Date: **07/28/2015**

Budget Issues: No issues at this time. Base bids with alternates awarded within the budget for this fiscal year.

Schedule: **Design:** Complete **Solicitation:** Complete.
Construction: Majority of work has been completed at all schools except SJM.

Schedule Issues: None at this time. SJM will continue to have HVAC systems installed after hours and on weekends until the contractor is completed.

Achievements: New HVAC systems are 30% more efficient than previous. Construction is being completed at all locations with minimal interruption to the schools.

Quarterly Executive Summary Carolina Forest High Exterior Door Replacement Q4 2016



HCS Project Manager: Amber Barnhill **Principal:** Gaye Driggers

Architect/Engineer: N/A

Contractor: Welch Construction, Inc.

Project Scope: To replace the majority of the exterior doors at Carolina Forest High and re-key the entire school.

Current Status: There are five doors left to install, four of which need painting and a minimal amount of hardware to complete.

Budget: Original Budget: **\$800,000.00** Board Approved Date: **N/A**

Budget Issues: The bid was over budget. The HCS Project Manager and HCS Locksmith deleted doors from the scope that are not used on a daily basis (i.e. electrical room and single exterior classrooms doors (egress doors only) to bring the project within budget.

Schedule: Design: N/A

Solicitation: **April 14, 2016 – May 18, 2016**

Construction: **May 18, 2016 – January 31, 2017**

Substantial Completion: **February 1, 2017**

Schedule Issues: There are a few doors that have minor issues with clearance tolerances due to reuse of the existing frames. Awaiting a shipment from manufacturer on replacement doors.

Achievements: The school is receiving new, more functional, and safe exterior doors and all will be re-keyed to optimize control over the building and security enhancement.



Quarterly Executive Summary
Conway High School Track Renovations and Lighting
Q4 2016



HCS Project Manager: Jason Hardee **Principal:** Lee James
Architect/Engineer: DN Engineering
Contractor: Wade Lott

Project Scope: The work at Conway High School includes complete repaving and striping of the existing athletic running track, relocation of jump events, adding a pole vault event, installation of track drainage, and the addition of track lighting.

Current Status: The project is currently under construction.

Budget: Original Budget: **\$500,000.00** Board Approved Date: **12/15/2014**
Current Budget: **\$700,000.00**

Budget Issues: All bids received exceeded the original budget. Additional overage includes items that were later requested by the school as well as pricing escalation. Additional funds were obtained from the Sustainment / Upkeep funds.

Schedule: Design: **Completed**
Solicitation: **Completed**
Construction: **Spring 2017**
Substantial Completion: **March 2017****

Schedule Issues: **The land surveyor discovered concerns with the existing grades of the track prior to construction which required a slight redesign to avoid future problems. This, followed by the October interruption from Hurricane Matthew, contributed to an approximate 2 week delay in construction efforts. The required proof roll test of the subgrade prior to paving subsequently failed due to excessive saturation of subsoils as the entire track was completely under water during the hurricane. The engineer, special inspectors and the contractor are working together to develop a viable solution to this issue. HCS is also pursuing FEMA reimbursement for damages related to the hurricane.

Achievements: The school's request for several added improvements was honored and the project is approaching completion.



HCS Project Manager: Jason Hardee **Principal:** Michael McCracken

Architect/Engineer: Wall Engineering


Contractor: TBD

Project Scope: The work at Aynor High School has been re-designed to only include drainage, asphalt paving, sidewalks and landscaping on Ivy Road (a.k.a. Blue Jacket Drive) between the gate and Jordan Road. The original project included work from the gate to the intersection of Ivy Road with Ninth Avenue. These areas have been separated from the base bid scope of work to assure work can be done within the available funding. These areas will still be included in the bid proposal as add-alternate items to the base bid if funds are available.

Current Status: The project was advertised and bids were received June 16, 2016, all of which exceeded the available budget. This project was postponed to enable the scope of work to be revised to accommodate the budget and will be rebid. Due to the crucial location to the school and daily use of this road, the work must occur over the summer.

Budget: Original Budget: **\$408,100.00** Board Approved Date: **Feb. 8, 2016** 

Budget Issues: All bids received were higher than originally budgeted.

Schedule: Design: **Revisions being finalized for rebidding** 
 Solicitation: **January 2017** Re-Bid Date: **February 2017**
 Construction: **Summer 2017** Substantial Completion: **August 2017**

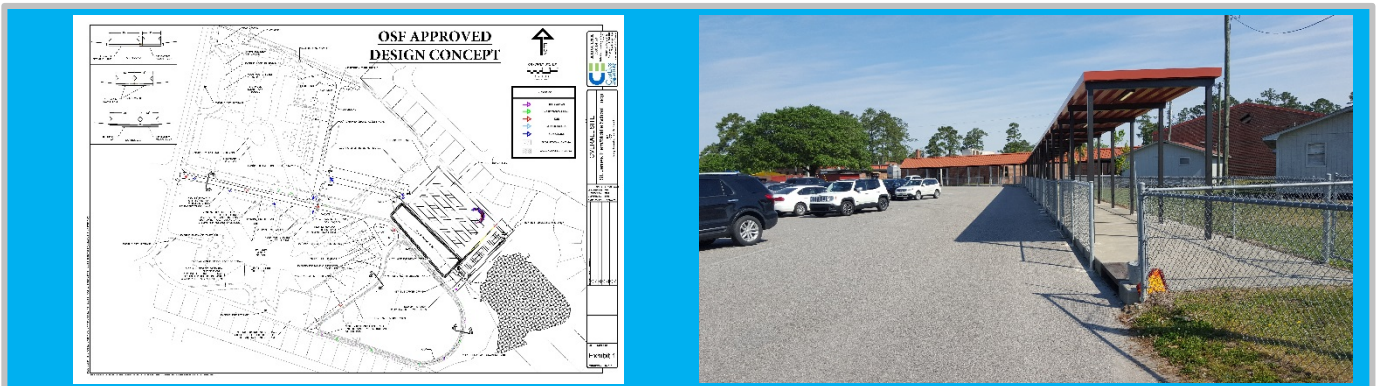
Schedule Issues: Construction was originally planned for summer 2016. Due to the original bids having exceeded the available budget the project was postponed. The work will be rebid in early 2017 for summer 2017 construction.

Achievements: Remedial repairs were made to the road to improve the condition for the current school year.



St. James Middle & Elementary – Existing Bus Entry

St. James Middle – Existing Parent Drop Off



80% Design – OSF & DOT Approved Concept

St. James Elementary – Parent Drop Off

Project Manager: Brian Sexton, PE **Principals:** SJE: Felisa McDavid; SJM: Dwight Boykin

Engineer: Castles Engineering, Inc. **Contractor:** TBD

Project Scope: New bus lot and parent loop road for SJE and SJM campus. Bus office/portable setup. Bus lot design for capacity of 60 buses, 60 drivers. Combined traffic storage for up to 200 vehicles each drop off / pick up period at SJE/SJM.

Current Status: Design is approximately 80% complete; permitting is underway.

Budget: Original Budget: **\$1,750,000** Board Approved Date: **12/15/2015**
 Add'l approved funds: **\$500,000** Board Approved Date: **12/12/2016**

Budget Issues: No issues at this time. Construction estimates will be updated with completion of final drawings.

Schedule: Design: **through January 2017** Solicitation: **March 2017**
 Construction should begin in early 2017 with completion of the loop roads in August 2017. Bus lot will likely be bid as an add-alternate to assure budget compliance.

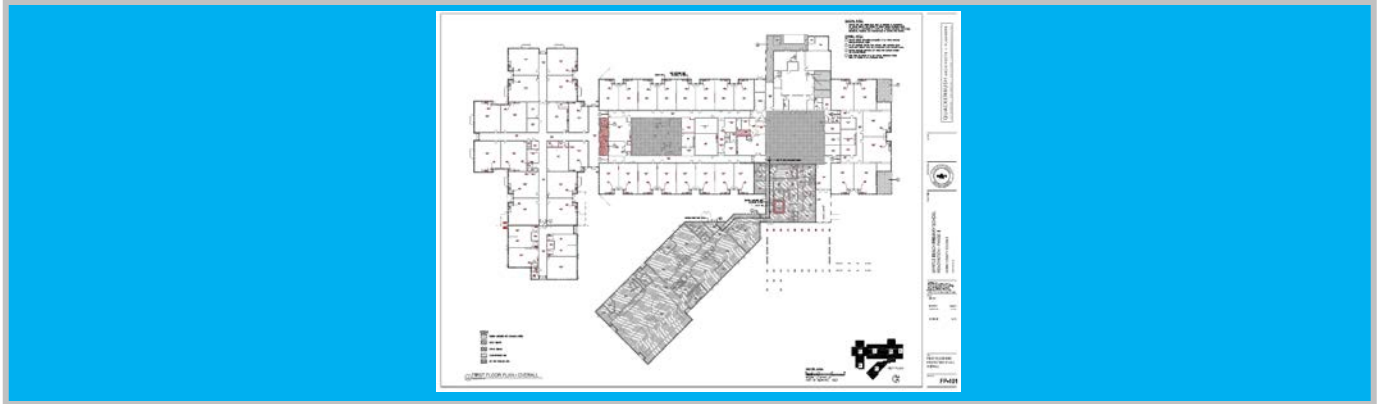
Schedule Issues: None at this time.

Achievements: HCS and Castles have obtained OSF and SCDOT consensus on the proposed site plan, bus lot location, and traffic plan. The proposed layout should greatly improve regional traffic flow by getting parent traffic off McDowell Shortcut and Hwy. 707.

Phasing: The Loop Road portion of the work is the highest priority to construct at SJE / SJM to provide traffic storage. The Bus Lot addition will be evaluated based upon bid prices.



Quarterly Executive Summary
2016 Myrtle Beach Primary – Phase 2 Renovations
Q4 2016




HCS Project Manager: Jason Hardee **Principal:** Christel Arnette

Architect/Engineer: Quackenbush Architects

Contractor: TBD

Project Scope: While the renovation project was in-progress in 2015, the Office of School Facilities informed HCS that additional items would need to be addressed in summer 2016. Therefore, to conform to their requirements, additional work must be performed in other areas of the school except for the most recently constructed classroom wing / gymnasium section (2007). The current scope of work includes: expansion of the fire sprinkler system, demolition and replacement of the acoustical ceiling in areas affected by the fire sprinkler system, removal and replacement of the cooler, freezer, and kitchen hood. The administration area, most recently constructed classroom wing, and gymnasium section will receive minimal to no construction.

Current Status: The additional work was bid prior to summer 2016, but came in over budget. Due to insufficient time to re-bid and perform the work over the summer, the project was postponed with approval from OSF so that the project’s scope-of-work and budget could be reevaluated. The project is currently being re-bid and scheduled for construction summer 2017.

Budget: Project Budget: **\$2,250,000.00** Board Approved Date: Dec.14, 2015 
Add'l approved funds: **\$ 700,000.00** Board Approved Date: Dec.12, 2016

Budget Issues: Additional funding in the amount of \$700,000.00 was presented to the Board at the December 12, 2016 meeting under the Building Modification fund.

Schedule: Design: **Completed March 2016** Solicitation: **Spring 2017** 
Re-Bid Date: **January 10, 2017** Construction: **Summer 2017**
Substantial Completion: **August 2017**

Schedule Issues: Construction is anticipated to be completed by early August 2017.

Achievements: Design work was completed and the project was bid as originally planned.



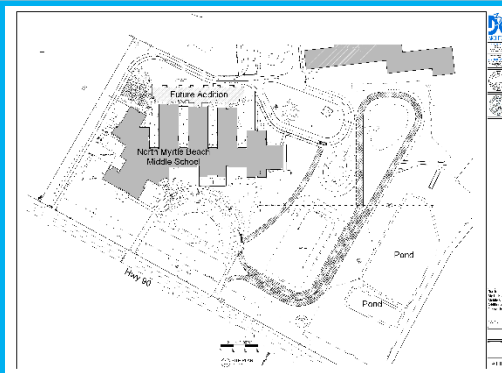
Slab on Grade with Masonry Walls



Pavement/Curb & Gutter Now Complete



Slab on Grade Construction 80% Done



Proposed Site Plan for Campus

Project Manager: Brian Sexton, PE
Architect: D3G Architects, LLC

Principal: James LaPier
Contractor: Contract Construction, Inc.

Project Scope: Approx. 22,745 sq. ft. including 9 classrooms, 3 labs, new bathrooms, and support spaces. A new bus loop has been in service all this academic year and has performed well for the bus traffic at both schools. New parent traffic loop to alleviate traffic congestion on Hwy. 90 to begin construction before Spring 2017.

Current Status: The general contractor started construction on November 7th. All under slab plumbing and electrical work has been installed; approximately 80% of the floor slab has been poured at this time.

Budget: Original Budget: \$7,500,000
Board Approved Increase: \$2,160,750 Approved June 2016
Total Revised Budget = \$9,660,750

Budget Issues: None at this time.

Schedule: Construction began November 7th on the new wing. Sitework to begin construction by February 2017.

Delivery and occupancy expected for August 2017.

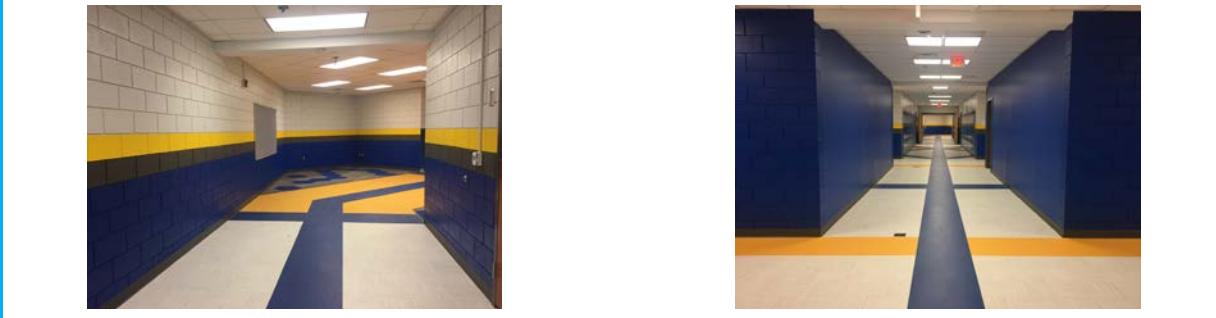
Schedule Issues: None at this time.

Achievements: Floor slab installation is nearly complete within first 60 days.

Phasing: Vertical construction to continue with expected completion for August 2017.



Quarterly Executive Summary
Renovations to NMB High School
Q4 2016



HCS Project Manager: Amber Barnhill **Principal:** Trevor Strawderman
Architectural Firm: UWPD Architecture, Inc.
General Contractor: H.G. Reynolds Company, Inc. **Superintendent:** Henry Mills

Project Scope: Final scope of work approved by the Board on 9/19/2015 with no change in program budget. Scope includes significant renovations to the school and a small addition to the main entry area and auditorium expansion for back-of-house. Renovations include new HVAC systems, new fire alarm system, a fire sprinkler, new roofing, lighting, and various interior finishes. Comprehensive renovations are planned for the auditorium including new seating, lighting, and sound system. Construction is divided into six phases.

Current Status: Phase 1 and Phase 2 are near completion except for flooring and JROTC. Construction is underway on JROTC and 1st and 2nd floor art/science labs. The auditorium work will begin when the JROTC area is complete due to relocation of students and staff from JROTC. Work has also begun in the weight room area.

Budget: Original Budget: **\$10,000,000** Board Approved Date: **6/30/2014** ●
Revised Budget: **\$21,086,340** Board Approved Date: **6/29/2015**

Budget Issues: None

Schedule: Design: **Complete** Construction: **July 15, 2016 – January 15, 2018** ●
(18 months)

Achievements: Phase 1 and Phase 2 are near completion.

Phasing: Current phase of work scheduled for completion by the end of January. Phase 3 (art/science labs) are under construction.



<u>HCS Project Manager:</u>	Davida Rohlf	<u>Principal:</u>	Ben Prince
<u>Architectural Firm:</u>	SfL+a Architects	<u>Design Architect:</u>	Robbie Ferris
<u>General Contractor:</u>	MetCon/TA Loving J/V	<u>Project Manager:</u>	Charlie Rollins
		<u>Superintendent:</u>	Mark Beach

Project Scope: The project includes a new 170,918 SF, 2-story middle school for 1,200 student capacity. Approved designs are located on the HCS web site under [New Construction Conceptual Designs](#).

The building design is based on a High Performance – Energy Positive concept, where the building integrates all major performance attributes which include: energy conservation, environmental, cost-benefit, productivity, sustainability, functionality and operational considerations. It also incorporates the use of various elements such as solar panels, geothermal fields, natural daylight, etc. to create an energy positive environment for the schools.

Background: The conceptual design work of the architect was completed in August 2014 and concepts were approved by the Board September 8, 2014. The Design-Build delivery method was later chosen by the Board, which is comprised of a two-part selection. The Superintendent appointed an Evaluation Committee and Part 1, Request for Qualifications, was issued and responses received on April 7, 2015. Four firms were selected to participate in Part 2, Request for Proposals. The Committee evaluated and ranked the firms. The board selected First Floor Energy Positive, LLC of Raleigh, NC to construct the five new schools.

<u>Budget:</u>	Original Budget:	\$36,750,000	Board Approved Date:	07/28/2014	●
	Current Budget:	\$45,930,227	Board Approved Date:	11/23/2015	

Budget Issues: The Board has increased the budget as stated above.

Schedule: The Board approved Substantial Completion: 5/1/17. ●

Schedule Issues: Current Substantial Completion: 5/3/17.

Site: Site is owned and is located off of Carolina Forest Boulevard.

Current Status: The exterior veneer of the building is nearly complete along with the exterior window frames. The exterior glass is being installed and is nearing completion. The interior finishes are progressing and the data cabling has begun. The roof is complete and the installation of the Solar PV panels is beginning. Site utilities are underway.



Quarterly Executive Summary
New St. James Intermediate School (5-6)
Q4 2016



<u>HCS Project Manager:</u>	Davida Rohlf	<u>Principal:</u>	David Cupolo
<u>Architectural Firm:</u>	SfL+a Architects	<u>Design Architect:</u>	Robbie Ferris
<u>General Contractor:</u>	MetCon/TA Loving J/V	<u>Project Manager:</u>	Dale McCoy
		<u>Superintendent:</u>	David Isham

Project Scope: The project includes a new 170,918 SF, 2-story intermediate school for 1200 student capacity. Approved designs are located on the HCS web site under [New Construction Conceptual Designs](#).

The building design is based on a High Performance – Energy Positive concept, where the building integrates all major performance attributes which include: energy conservation, environmental, cost-benefit, productivity, sustainability, functionality and operational considerations. It also incorporates the use of various elements such as solar panels, geothermal fields, natural daylight, etc. to create an energy positive environment for the schools.

Background: The conceptual design work of the architect was completed in August 2014 and concepts were approved by the Board September 8, 2014. The Design-Build delivery method was later chosen by the Board, which is comprised of a two-part selection. The Superintendent appointed an Evaluation Committee and Part 1, Request for Qualifications, was issued and responses received on April 7, 2015. Four firms were selected to participate in Part 2, Request for Proposals. The Committee evaluated and ranked the firms. The board selected First Floor Energy Positive, LLC of Raleigh, NC to construct the five new schools.

<u>Budget:</u>	Original Budget:	\$36,750,000	Board Approved Date:	07/28/2014	
	Current Budget:	\$47,742,333	Board Approved Date:	11/23/2015	

Budget Issues: The Board has increased the budget as stated above.

Schedule: The Board approved Substantial Completion to be accomplished by 5/1/17.

Schedule Issues: Current Substantial Completion: 6/9/17.

Site: Site is owned by HCS and is located on the campus of Burgess Elementary.

Current Status: Foundations are complete along with the geothermal wells. Interior framing and MEP rough-ins ongoing and roofing is complete. Site utilities are underway and work on the parking lots and roadways has begun.




<u>HCS Project Manager:</u>	Davida Rohlf	<u>Principal:</u>	Dr. Janice Christy
<u>Architectural Firm:</u>	SfL+a Architects	<u>Design Architect:</u>	Robbie Ferris
<u>General Contractor:</u>	MetCon/TA Loving J/V	<u>Project Manager:</u>	Mike Dickman
		<u>Superintendent:</u>	Ray Carrino

Project Scope: The project includes a new 170,918 SF, 2-story middle school for 1,200 student capacity. Approved designs are located on the HCS web site under [New Construction Conceptual Designs](#).


The building design is based on a High Performance – Energy Positive concept, where the building integrates all major performance attributes which include: energy conservation, environmental, cost-benefit, productivity, sustainability, functionality and operational considerations. It also incorporates the use of various elements such as: solar panels, geothermal fields, natural daylight, etc. to create an energy positive environment for the schools.

Background: The conceptual design work of the architect was completed in August 2014 and concepts were approved by the Board September 8, 2014. The Design-Build delivery method was later chosen by the Board, which is comprised of a two-part selection. The Superintendent appointed an Evaluation Committee and Part 1, Request for Qualifications, was issued and responses received on April 7, 2015. Four firms were selected to participate in Part 2, Request for Proposals. The Committee evaluated and ranked the firms. The board selected First Floor Energy Positive, LLC of Raleigh, NC to construct the five new schools.

<u>Budget:</u>	Original Budget:	\$36,750,000	Board Approved Date:	07/28/2014	
	Current Budget:	\$46,485,102	Board Approved Date:	11/23/2015	

Budget Issues: The Board has increased the budget as stated above.

Schedule: The Board approved Substantial Completion to be accomplished by 5/1/17.

Schedule Issues: The process of permitting and abatement has the current Substantial Completion date as 6/27/17. 

Site: Site is owned by HCS, located at the corner of 29th Ave. N. and Oak Street.

Current Status: The building foundations and steel structure are completed. The geothermal wells are completed and the wood beams have been installed. Interior framing and MEP rough-in ongoing. Exterior veneer started and the roofing is underway.




<u>HCS Project Manager:</u>	Davida Rohlf	<u>Principal:</u>	Lisa Melchione
<u>Architectural Firm:</u>	SfL+a Architects	<u>Design Architect:</u>	Robbie Ferris
<u>General Contractor:</u>	Metcon/TA Loving J/V	<u>Project Manager:</u>	Mike Dickman
		<u>Superintendent:</u>	Phil Asslynn

Project Scope: The project includes a new 152,920 SF, 2-story middle school for 800 student capacity. Approved designs are located on the HCS web site under [New Construction Conceptual Designs](#).

The building design is based on a High Performance – Energy Positive concept, where the building integrates all major performance attributes which include: energy conservation, environmental, cost-benefit, productivity, sustainability, functionality and operational considerations. It also incorporates the use of various elements such as solar panels, geothermal fields, natural daylight, etc. to create an energy positive environment for the schools.

Background: The conceptual design work of the architect was completed in August 2014 and concepts were approved by the Board September 8, 2014. The Design-Build delivery method was later chosen by the Board, which is comprised of a two-part selection. The Superintendent appointed an Evaluation Committee and Part 1, Request for Qualifications, was issued and responses received on April 7, 2015. Four firms were selected to participate in Part 2, Request for Proposals. The Committee evaluated and ranked the firms. The board selected First Floor Energy Positive, LLC of Raleigh, NC to construct the five new schools.

<u>Budget:</u>	Original Budget:	\$31,100,000	Board Approved Date:	07/28/2014	
	Current Budget:	\$42,488,116	Board Approved Date:	11/23/2015	

Budget Issues: The Board has increased the budget as stated above.

Schedule: The Board approved Substantial Completion to be accomplished by 5/1/17. 

Schedule Issues: The process of site acquisition and due diligence has the current projected Substantial Completion date as 9/26/17.

Site: The site is owned and is located off of U.S. 17 Bypass on Esso Road. Property was acquired by HCS on 6/1/2016.

Current Status: Building steel is complete and the wooden beams have been set. Site Utilities and roadwork are underway and the 2nd floor structural is progressing.



<u>HCS Project Manager:</u>	Davida Rohlf	<u>Principal:</u>	Krista Finklea
<u>Architectural Firm:</u>	SfL+a Architects	<u>Design Architect:</u>	Robbie Ferris
<u>General Contractor:</u>	MetCon/TA Loving J/V	<u>Project Manager:</u>	Mike Dickman
		<u>Superintendent:</u>	Dale McCoy

Project Scope: The project includes a new 120,230 SF, 2-story elementary school for 916 student capacity. Approved designs are located on the HCS web site under [New Construction Conceptual Designs](#).

The building design is based on a High Performance – Energy Positive concept, where the building integrates all major performance attributes which include: energy conservation, environmental, cost-benefit, productivity, sustainability, functionality and operational considerations. It also incorporates the use of various elements such as: solar panels, geothermal fields, natural daylight, etc. to create an energy positive environment for the schools.

Background: The conceptual design work of the architect was completed in August 2014 and concepts were approved by the Board September 8, 2014. The Design-Build delivery method was later chosen by the Board, which is comprised of a two-part selection. The Superintendent appointed an Evaluation Committee and Part 1, Request for Qualifications, was issued and responses received on April 7, 2015. Four firms were selected to participate in Part 2, Request for Proposals. The Committee evaluated and ranked the firms. The board selected First Floor Energy Positive, LLC of Raleigh, NC to construct the five new schools.

<u>Budget:</u>	Original Budget:	\$26,000,000	Board Approved Date:	07/28/2014	●
	Current Budget:	\$37,953,991	Board Approved Date:	11/23/2015	

Budget Issues: The Board has increased the budget as stated above.

Schedule: The Board approved delivery of the new facility for the 2017-18 school year. ●

Schedule Issues: Current Substantial Completion: 5/25/17

Site: Site is owned by HCS and is located on Highway 707 in Socastee at Luttie Road.

Current Status: Interior framing and MEP rough in ongoing. Wooden beams have been set. The exterior veneer has begun along with site utilities. Roofing is also underway.