W.T. Woodson High School
Fairfax, VA

Tab D.
Leadership Structure and Resumes

Evaluation Criteria in this Section include:

9.1.3. Leadership structure / Project manager's experience/key personnel experience – Provide resumes demonstrating that the qualifications of the persons proposed for the following positions have relevant experience on projects of similar size and scope. Proposer must dedicate all key personnel to the project and may not make changes without written approval from the Owner. No substitutions of the key personnel represented below will be accepted without prior approval by the Owner. Request for approval to substitute may be submitted by the Proposer only for reasons beyond the Proposer's control. Approval by the Owner will not be granted unless the Proposer can demonstrate that the reason for the substitution is justified and that the substituting individual has, at a minimum, an equivalent level of experience comparable to that of the individual being substituted.

TEAM OVERVIEW

We have hand-picked our proposed team members that possess the utmost elite skills and expertise needed to deliver large scale challenging projects, and particularly educational facilities.

Our dynamic and diverse staff's qualifications speak for themselves as we have successfully delivered over 140 school projects in the last 10 years. These proposed staff members have worked on over 40 K-12 projects together, many of those being of similar size and scope of work as the New George Mason High School Project. Resultantly, the entire project team is familiar with what actions need to be taken in order to successfully deliver the project on-time and on-budget.

When selecting staff, it is important to take into account team members that have previously completed projects together. Forming cross functional relationships while exercising both horizontal and vertical communication across our entire team only exemplifies the knowledge, patience and talent that we pride ourselves with here at Turner.

The team's vast knowledge of the industry, experience working together, and proven ability to successfully deliver projects of similar size and scope speak to their character and work ethic. Their keen understanding of both their individual and team responsibilities will only assist FCCPS stakeholders throughout all phases of preconstruction and construction.

Turner architecture incorporated FANNING HOWEY

One TEAM, One MISSION and One GOAL:

Teamwork

*We recognize our primary asset is people. These people serve as the **FOUNDATION** of our project teams, ensuring A New George Mason High School Project is a success.*

Integrity

*We exhibit the **HIGHEST** ethical standards in the industry, therefore resulting in exceptional project quality.*

Commitment

*We understand that lasting relationships are the lifeblood of our business, and will pay complete attention to the desires and requirements for **A New George Mason High School Project.***

Similar to how the foundation of a building is the support needed to develop the structure, our team will serve as the foundation of the New George Mason High School Project. We will do so by focusing on our three primary core values: Teamwork, Integrity and Commitment.

Incorporating these values into day-to-day project operations will only aid the team in successfully delivering this project while simultaneously exceeding overall project expectations.

This team has a macro understanding of the actions that need to be taken in order to complete a project of this size and scope and are anxiously awaiting the opportunity to do so while fostering their relationships with the Falls Church City School Board.

Figure 9-1: Preconstruction Design-Build Team Organization

= Key Personnel, as defined per section 9.1.3.1 of the RFP

VP & GENERAL MANAGER
Kevin Sharkey

VP & OPERATIONS MANAGER
Paul Denehy

PROJECT EXECUTIVE
Joe Swanson

SAFETY MANAGER

QUALITY CONTROL MANAGER

DIRECTOR, TECHNICAL SERVICES
Mike Whearty

SUPPORT TEAM
Accounting, **Christy Ambrose**
Community and Citizenship, **Carolyn Ellison**
Environmental Manager, **Laura Behrer**

DESIGN/BUILD PROJECT MANAGER
Brad Schulz

PRECONSTRUCTION/ ESTIMATING MANAGER
Ty Pate

PURCHASING MANAGER
Mike Newman

SCHEDULING MANAGER
Salim Saherwala

BIM MANAGER
Mahendra Chouhan

OPERATIONS
Carlos Flores

DESIGN PRINCIPAL
Michael Hall
Fanning Howey

DESIGN TEAM LEADERS
Design Project Manager
Rusty Shaw
Architecture, Inc.

Project Architect
Brad S. Pierce
Architecture, Inc.

COMMERCIAL CONSULTANT
Gary Helminski
Cushman and Wakefield

DESIGN TEAM

VP Coordination/Specifications
Ken White
Architecture, Inc.

Project Designer
Elizabeth Paradine
Architecture, Inc.

Production Coordinator
Brian Ulbrich
Architecture, Inc.

Lead Project Designer
Steve Herr
Fanning Howey

Interior Designer
Carla Remenschneider
Fanning Howey

Lead Sustainability Engineer
Douglas R. Hundley
CMTA

Lead Mechanical Engineer
Daniel Drake
CMTA

Lead Electrical Engineer
Zachary Schneider
CMTA

Lead Technology/Security Engineer
L. Thomas Sorrell
CMTA

Lead Commissioning Engineer
Gary Hagan
CMTA

Lead Structural Engineer
Justin Domire
Rathgeber/Gross

Lead Civil Engineer
John D. Cummings
Rinker Design Associates

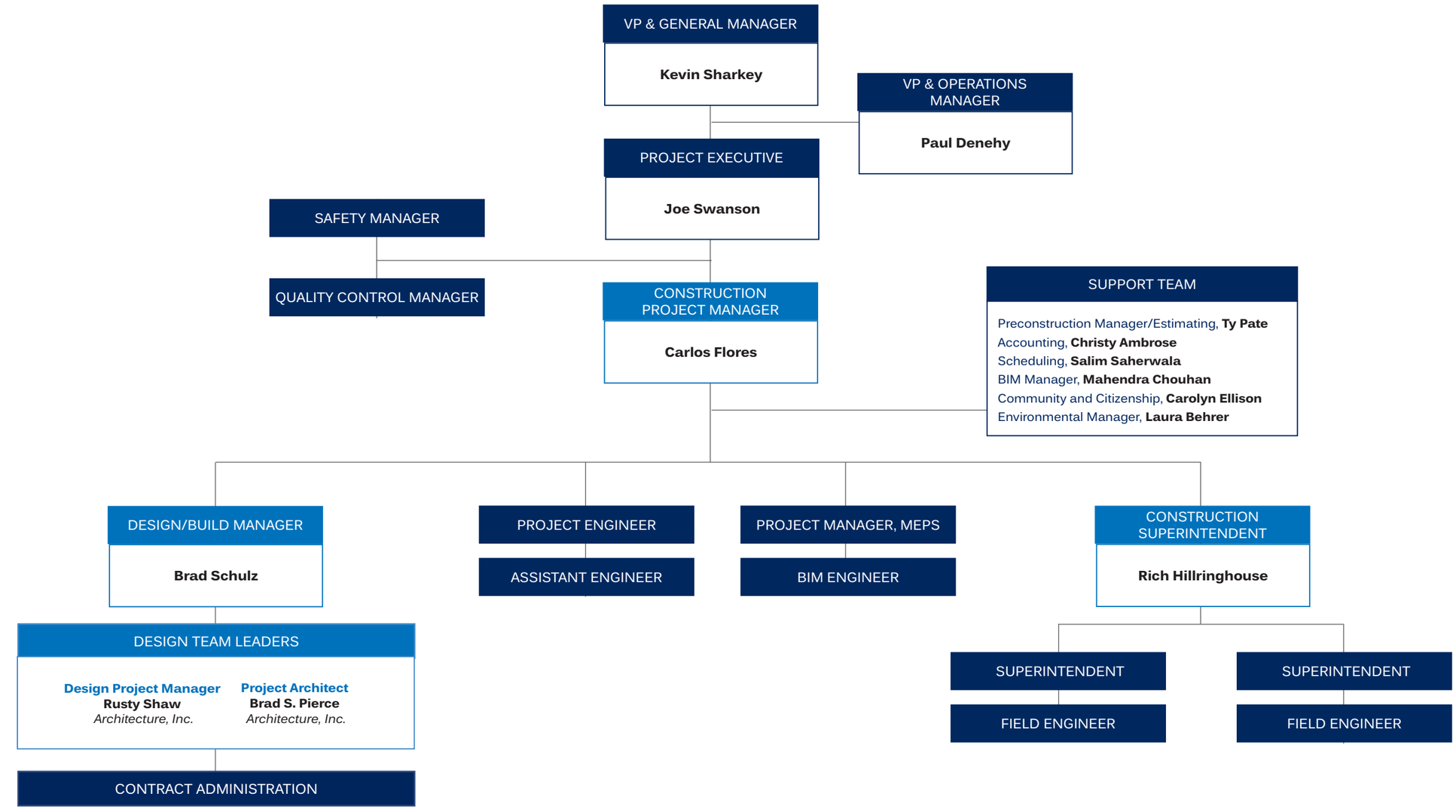
Lead Survey Engineer
Ryan Dreelin
Rinker Design Associates

Lead Sustainability Consultant
Jennifer Wolf
Sustainable Building Partners

Senior Sustainability Consultant
Mike Babcock
Sustainable Building Partners

Figure 9-2: Construction Design-Build Team Organization

= Key Personnel, as defined per section 9.1.3.1 of the RFP



Brad Schulz

Design/Build Project Manager

TURNER CONSTRUCTION COMPANY

EDUCATION
BS, Architecture, University of Kansas

CONSTRUCTION EXPERIENCE
26 years

LAST EMPLOYER
With Turner Construction Company:
January 2016 - Present

With Atkins: January 2012 - January 2016

LAST POSITION
Design/Build Project Manager

CERTIFICATIONS
Registered Architect, MO, VA

EXPERIENCE WITH

- ✓ Working with this Team
- ✓ Similar Type of Projects
- ✓ Similar Scope
- ✓ Education Design
- ✓ Education Construction

RELEVANCY LEGEND

- *Over $80 million*
- *Design-Build*
- *K-12 Facility*
- *Team Experience Working Together*

PROJECT RESPONSIBILITIES

As a Design Manager with Turner, Brad leads a team of diverse design, engineering and construction professionals through the design-build process to create cost-effective, smart, winning design solutions for Turner's clients. In this capacity, Brad will provide design management oversight through completion of the design, to effectively meet client requirements for design, cost effectiveness, and constructability and does this for all of Turner's design-build projects in the Mid-Atlantic. He is responsible for delivering value to the customer and providing timely design services that support the overall construction schedule.

Brad brings a strong design background, as well as extensive government and public sector planning and construction experience on significant projects—in the United States and around the world—to Turner. His management of numerous complex alternative delivery projects have given him an exceptional depth of understanding related to design guidelines and standards, as well as facility planning, design-build acquisition strategies, application of automated management and review processes, specialized specification and cost estimating systems, antiterrorism/force protection measures, and building information modeling (BIM). He has led projects across a broad range of facilities, from military headquarters facilities to hangars, training facilities, maintenance facilities, network operations centers, fitness centers, and dining facilities, among others, many of which have achieved design excellence awards.

RELEVANT EXPERIENCE

COOLIDGE SENIOR HIGH SCHOOL WASHINGTON, DC

Design/Build Project Manager. Turner is providing design-build services for the modernization to the $135 million, 359,080 SF school in Washington, DC. The scope of work includes renovations to the existing 271,300 SF school originally built in 1940 and the adjoining 190,000 SF activity center built in 1987 to hold over 800 high school students. The scope also includes the addition of a new middle school which will be added to the site, holding over 650 students. The project is designed to achieve LEED Gold Certification and is expected to be completed in time for the Fall 2019 school year.

FORT LEE CENTRAL CAMPUS FORT KNOX, KY

Design/Build Project Manager. The project consists of the complete design of six separate buildings for the U.S. Army Ordinance School, Central Campus, Fort Lee VA. The six new buildings serve as a training academy for all of the Army's maintenance personnel that will maintain and repair any wheeled for tracked vehicle. The six-building campus creates a new main quadrangle that and is comprised of two- to four-story administration and traditional classroom-type educational spaces. The Academic spaces include: large and small Traditional classrooms, a Large Auditorium, Laboratories, a virtual welding Laboratory, Welding labs, engine labs, electronic labs and an indoor firing range. The high-bay, long-span maintenance training facilities include practical hands on classrooms and lab spaces where the student interact with the actual equipment and vehicles. These practical lab space include: bridge cranes, vehicle exhaust systems, compressed air systems, fluid distribution systems, eyewash stations, and tool rooms. Cost: $197 million. Size: 905,000 SF.

Brad Schulz

Design/Build Project Manager cont'd

NAVFAC CENTER FOR CYBER SECURITY STUDIES ANNAPOLIS, MD

Design/Build Project Manager. This $114 million dollar 206,400 SF 6 story High rise academic building is the first academic building to be built on the US Naval Academy in 40 years. The facility is dedicated to the education of Navy midshipmen in all areas of cyber warfare, and will include classrooms and lecture halls, teaching and research laboratories. Additional unique program elements including a research and testing pool, weapons laboratories, a observatory, offices, and multi-purpose collaborative spaces for students and faculty. Classrooms and labs incorporate state of the art learning and collaboration techniques.

SOUTHWEST LIBRARY ANNAPOLIS, MD

Design/Build Project Manager.. Turner, in association with Perkins + Will, are delivering the replacement of the Southwest Library, located in a newly revitalized Southwest waterfront neighborhood of DC. Turner is tasked with developing a design and constructing a state-of-the art, high performance facility on the same site of the existing library, which opened in 1965. Part of the scope includes construction of a temporary library facility while the existing structure is razed. The Southwest Library shall be designed to maximize site responsiveness, energy and water conservation strategies, include both passive and active systems to reducing energy need, and solar photovoltaic panels or other on-site energy generation.

WEST POINT CADE BARRACKS UPGRADE PROGRAM WEST POINT, NY

Design/Build Project Manager. This Program included a 35% bridging design for the design-build renovation of the historic Scott Barracks, originally built in 1936, and full design services for extensive renovations of the MacArthur (Short Wing), MacArthur (Long Wing), and Pershing Barracks. The scope of work also included building envelope rehabilitation, roof replacement, exterior stone façade repairs, and new antiterrorism/force protection compliant windows. Additional improvements include cadet room renovations to improve health and comfort, new laundry facilities, new cadet common areas, and site improvements. Each of the barracks were designed to achieve Leadership in Energy and Environmental Design (LEED) Silver Certification.

CHILD DEVELOPMENT CENTER, NAVAL AIR STATION OCEANIA VIRGINIA BEACH, VA

Design/Build Project Manager. As Design Project Manager, Brad was responsible for this design-build project for a 29,000 SF child development center at the Naval Air Station Oceania. This handicapped accessible facility supports 305 children and includes a reception area and activity rooms for infants, toddlers, and preschool children. Additional areas include staff lounge, kitchen, storage areas, teacher preparation rooms, offices, and mechanical, electrical, and communication support rooms. Special features of this facility include a closed-circuit TV system and intrusion detection system. Services were also provided for the demolition of existing buildings, various site improvements, general site lighting, and parking for 80 vehicles.

D.C. UNITED AUDI FIELD WASHINGTON, DC

Design/Build Project Manager. This project is a 360,000 SF soccer stadium for the D.C. United Soccer Team. The stadium will be located on a 13-acre parcel on Buzzard Point in southwest D.C. The stadium is expected to include an initial capacity of 20,000 seats. Premium amenities shall include 31 suites, 1,500 club seats, and two clubs/lounge areas for total capacity of 750-1,000. Additional facilities will include a team store, merchandise stands, one restaurant/bar, and concessions facilities.

2ND INTEL BATTALION AND 2ND ANGLICO COMPANY MAINTENANCE / OPERATIONS COMPLEXES MCB CAMP LEJEUNE, NC

Design/Build Project Manager. This project includes the design-build construction of facilities and infrastructure necessary to support the 2D Intelligence Battalion and the 2D Anglico Company within II MEF Headquarters Group (MHG) at MCB Camp Lejeune, NC. New construction includes two headquarters buildings – one of them with an Operations Control Center inclusive of 63,800 SF SCIF designed to ICD 705 SCIF standards; a supply warehouse, a training center, a supply warehouse, an electronic communication maintenance facility, motor transport maintenance shop, and a HAZMAT storage shelter. The project also includes an extensive site work package, including clearing, roads, sidewalks, surface pavement for parking, wash pads, oil-water separators, security fencing and gates, turf, landscaping, grading and drainage, utilities and site lighting. Designed to achieve LEED Gold, the project includes a 2-megawatt photovoltaic array to achieve overall project net-zero. Cost: $106 million.

Brad Schulz

Design/Build Project Manager cont'd

BUILDING 511 MEDICAL RESEARCH LABORATORY VIVARIUM RENOVATION AND EXPANSION
SILVER SPRING, MD

*Design/Build Project Manager.*The project consists of the complete renovation of infrastructure and finishes within Building 511 totaling 67,518 SF and a new addition of 5,000 SF. The new and renovated areas will contain Bio containment Level 2 (BSL-2), labs, surgical and dental suites for large animals, and will be designed in accordance with current Good Laboratory Practices (GLP), Assessment and Accreditation of Laboratory Animal Care (AALAC), FDA, and NIH Standards. The addition will house large, specialty research equipment and will be isolated from vibration and sound transmission. Early construction activities will include renovations of a Hypo- and Hyperbaric Suite (ocean depth simulators), which will be occupied by the Navy during construction. Cost: $43 million. .

FITNESS CENTER, NAVFAC PACIFIC NAVAL BASE GUAM
Design/Build Project Manager. Fitness center design architect for a new consolidated indoor fitness facility that is adequately sized and configured to conduct comprehensive and balanced programs for physical fitness. The indoor fitness center is a 44,491 SF building that is consolidated with the existing 26,693 SF gymnasium to become the primary fitness facility for the permanent and transient party personnel at the base. Construction Cost: $45.25 million.

FT. KNOX SCHOOL UPDATES FORT KNOX, KY
Design/Build Project Manager. This project included the renovation of the existing school, as well as plans for a new building and gymnasium, totaling 90,682 SF. The new school is designed to accommodate DODEA students in grades 9 through 12.

JTF INVESTIGATION & ADMINISTRATION BUILDING SCIF FACILITY DESIGN-BUILD, U.S. NAVY GUANTANAMO BAY, CUBA
Design/Build Project Manager. Under a multiple award construction contract, Brad helped to manage the entire project from proposal to commissioning, to ensure compliance with the Navy's requirements and to maintain the budget. The Joint Task Force (JTF) complex involved the construction of a 2-story structure, on a secure site, that was divided into two distinct working areas: the sensitive compartmented information facility (SCIF), and the Criminal Investigation Task Force (CITF). The new facility provides office, conference, and support space, along with sophisticated telecommunications and audiovisual capabilities. Additionally, Brad helped to establish a berthing camp for approximately 100 personnel prior to the start of construction, which was then turned over to the government following completion of the project for future use. A modification added the AV-34 Building project to the task order that involved demolition and conversion encompassing offices, conference rooms, a courtroom, deliberation rooms, and holding cells – all designed to meet SCIF standards. Tenants include the Federal Bureau of Investigation, the JTF, and other government agency staff. Awards: Certificate of Appreciation, 2004. Cost: $22 million.

TIMOTHY MAUDE COMPLEX (HUMAN RESOURCES CENTER OF EXCELLENCE) FORT KNOX, KY
Design/Build Project Manager. This project consisted design-build construction of a new 897,000 SF headquarters complex for the Army's Human Resources Command. The new campus-oriented design concept accommodates more than 4,300 administrative, computer and command operations personnel relocating to Fort Knox from Indianapolis, St. Louis and Virginia. The project includes a Tier III Data Center that requires intensified energy loads and provisions for compliance with AT/FP and high-level security requirements. The 69,000 SF data center includes 20,000 SF of raised floor areas and a primary mechanical/electrical building, which serves as the Central Utility Plant for the six-building complex. Construction Cost: $183 million.

P-302 TYPE II HANGAR AND AIRCRAFT AND AIRCRAFT PARKING APRON JACKSONVILLE, FL
Design/Build Project Manager. Responsible for leading design charrette community design workshop on this design-build project. This project involved the BRAC relocation of a Navy Squadron to Naval Air Station (NAS) JAX. The hangar is one of the largest in the United States, with 137,000 SF of bay space and 140,000 SF of office space. The design team performed all architecture, interior design, and civil engineering for the hangar and office, along with structural engineering for the hangar to house P-3 and C-130 aircrafts and the AHU-60 helicopter. This NAVFAC design award winner was designed to LEED Silver certification. Construction Cost: $128.5 million.

AIR FREIGHT TERMINAL AND BASE SUPPLY BUILDING, USACE NEW YORK DISTRICT MCGUIRE AIR FORCE BASE, NJ
Design/Build Project Manager. This project included the development of two design-build RFPs for this $27 million facility, one for an extremely high efficiency, 650,000 SF air cargo facility in connection with introduction of C-17 aircraft; and one for a 56,000 SF parts supply and administrative building.

Brad Schulz

Design/Build Project Manager cont'd

SEA SECURITY PLATFORM, USACE MIDDLE EAST DISTRICT (MED) KUWAIT, ARABIAN SEA

Design/Build Project Manager. Under an IDIQ contract with USACE MED for the Kuwait Naval Forces (KNF) foreign military sales project, Brad directed the development of a concept design and bridging document for an RFP with early contractor involvement (ECI). The scope involved an island reclamation design, bathetic survey, and marine geotechnical investigation. Island facilities included the following: lighthouse, harbor, operations center, guard towers, housing fitness and recreations facilities, mosque, desalination plant, waste treatment, ship and aviation refueling, helipad, water cannons, perimeter fencing and security lighting, intrusion detection system (IDS), closed-circuit TV and thermal imaging cameras, and swimmer detection system. The project required some ballistic level V-rated construction. Construction Cost: $158 million.

DEPARTMENT OF DEFENSE SCHOOL PROGRAM - US ARMY CORPS OF ENGINEERS, FORT WORTH DISTRICT - 2002 IDIQ, NATIONWIDE KUWAIT, ARABIAN SEA

Design/Build Project Manager. Brad provided multi-discipline engineering and architectural services in support of civil and military construction projects at various locations throughout the Fort Worth District's area of responsibility, including support of the DOD School Program. Master plans provided under the IDIQ included: Ft. Knox Schools - KY, Guantanamo Bay Naval Station Schools - Cuba, USMC Base Quantico Schools - VA, Fort Benning Schools - GA, Fort Stewart Schools - GA, Antilles Middle School & Fort Buchanan Schools-Puerto Rico.

Carlos Flores, LEED AP

Construction Project Manager

TURNER CONSTRUCTION COMPANY

EDUCATION
BS, Civil Engineering, The George Washington University

CONSTRUCTION EXPERIENCE
17 years

LAST EMPLOYER
Turner Construction Company

LAST POSITION
Construction Project Manager

CERTIFICATIONS
LEED AP
OSHA 30-Hour
First Aid/CPR

EXPERIENCE WITH

- ✓ Working with this Team
- ✓ Similar Type of Projects
- ✓ Similar Scope
- ✓ Education Design
- ✓ Education Construction

RELEVANCY LEGEND

- *Over $80 million*
- *Design-Build*
- *K-12 Facility*
- *Team Experience Working Together*

PROJECT RESPONSIBILITIES

Carlos Flores, as Construction Project Manager, will lead day-to-day project management on a full-time basis and will work closely with the entire operations team. His primary responsibilities will include management of the project's schedule, budget and on-site operational activities. Carlos' extensive experience in anticipating, planning for and effectively managing the construction challenges unique to this type of project will prove invaluable to its success. Carlos' expertise balanced with his highly collaborative Project Management style instills a strong sense of teamwork while being mindful of cost control and resource utilization.

Carlos has vast experience in educational operational facilities that include multi-use spaces such as offices, cafeterias, utility plants and auxiliary buildings. It is this experience that prepares him to lead the team on this project. Carlos will serve as the conduit which all information flows - to and from FCCPS, the Design team, consultants and subcontractors. He will manage the submittal process to ensure that construction details are confirmed and function, continuous trades are coordinated, and materials are reviewed, approved, fabricated and delivered on-site when required on the job. He will manage and control all cost-related issues encountered during construction phase.

RELEVANT EXPERIENCE

EASTERN SENIOR HIGH SCHOOL WASHINGTON, DC

Construction Project Manager. This project consisted of the total interior demolition and hazardous materials abatement; with new construction foundations, sheeting/shoring, and underpinning occurring within the foot print of the facility. The new construction included two new interior 3 story atrium with 6' ficus trees and landscaped planting; performing arts stages; and state-of-the-art electronics. The renovation was accomplished by selective demolition, leaving only the building façade and structure with a few historic interior architecture features. LEED Silver was targeted however, it achieved Gold.

PHELPS ARCHITECTURE, CONSTRUCTION AND ENGINEERING HIGH SCHOOL WASHINGTON, DC

Construction Project Manager. Phelps Engineering Academy consisted of 140,000 SF of fast-track new campus style construction and renovation. This design-build project, was a phased modernization of three previously abandoned school buildings, and addition of a new administrative building with a Welcome Center. Construction on all phases ran simultaneously. The new Phelps also included high-bay construction trades, engineering training laboratories, 24 classrooms, gymnasium, auditorium, a full service kitchen, cafeteria, an art classroom, offices, conference rooms, a cistern, a greenhouse, horticulture labs, and science laboratories.

Carlos Flores

Construction Project Manager cont'd

SCHOOL WITHOUT WALLS WASHINGTON, DC

Construction Project Manager. This project entailed the design-build restoration and renovation of the original Grant School building and the construction of a new 33,000 SF addition. This historic brick and wood frame structure requires new finishes throughout, as well as replacement of existing mechanical, electrical, pluming, life safety and systems to meet current building codes and standards. The facility achieved LEED Gold.

PRINCE GEORGE'S COMMUNITY COLLEGE QUEEN ANNE PERFORMING ARTS CENTER LARGO, MD

Construction Project Manager. Turner is providing a 33,455 SF renovation and 136,545 SF addition, which will transform the existing 1960's-era Queen Anne Fine Arts Building into a new state of the art educational facility serving both the College and the greater community of Prince George's County. These new spaces will improve the curriculum's of Music, Theatre, Speech, and Mass Communications. Beyond needed offices and classrooms, the renovated Queen Anne building will features the 759-seat (renovated) Hallam Theatre, a 304 seat Proscenium Theatre, a 152-seat Blackbox Studio, Recital Hall, Instructional Theatre and Entertainment Technology Labs, Instructional Conference spaces, Mass Communications Broadcast and Production Labs, Music rehearsal spaces, Dance studios, an Art Gallery, and a Cafe.

HOWARD HUGHES MEDICAL INSTITUTE JANELIA FARM RESEARCH CAMPUS ASHBURN, VA

Construction Project Manager. The project was a state-of-the-art, multi-building research facility encompassing 760,000 SF. Includes new labs, offices for principal investigators, an auditorium, hotel, underground parking, and 28 acres of sitework. The centerpiece of the project is a 610,000 SF research building with an animal vivarium.

3 WHITE FLINT NORTH (3WFN) BETHESDA, MD

Engineering Manager. This project consisted of a new 660,000 SF build-to-suit office building and tenant fit-out for the Nuclear Regulatory Commission. Project is LEED-NC® Silver certified and complies with security requirements for a level IV facility under the ISC Security Standards for leased space. Adjacent to the White Flint Metro Station, the project consists of 14 office levels and 5 underground parking levels.

THE NEW SIBLEY AT SIBLEY MEMORIAL HOSPITAL WASHINGTON, DC

Engineering Manager. This 469,000 GSF, 7-story Sibley Hospital includes 200 private patient rooms with shell space for a 48-bed expansion, 100 medical/surgical suites, 44 ICU rooms and connects to the existing building by a walkway. Pre and Post-Partum facilities included room for over 4,500 newborn deliveries, a special care nursery, 50 post-partum rooms, 18 new labor, delivery & recovery suites, 3 new "C-Section" rooms, an 18-bay special care nursery. A new medical oncology and 35-bay infusion center complement the Radiation Oncology Center. The project also included a new decontamination facility, inpatient pharmacy and an expanded emergency department sized for 45,000 projected visits. The ED has new treatment bays including a new fast-track area and new waiting areas. The hospital was designed to achieve LEED Silver Certification.

MEDSTAR WASHINGTON HOSPITAL CENTER HEART INSTITUTE RENOVATION WASHINGTON, DC

Engineering Manager. This 250,000 SF renovation to the existing Washington Hospital Center Heart Institute involved four main levels including inpatient units, ICU's and the lobby. The scope of work included the installation of new elevators along with the refurbishing of the existing elevators, a new rooftop air handler unit and duct shafts, new electrical switchgear, a lobby expansion, exterior wall repair and maintenance and site work and landscaping at the main entrance. Additionally, the renovation consolidated the North Wing of the Hospital Center into the entire Heart Institute.

3D PATIENT UNIT RENOVATION AT MEDSTAR WASHINGTON HOSPITAL CENTER WASHINGTON, DC

Engineering Manager. This 4,700 SF project included Semi-Patient Rooms with new nurses stations. All work was done with occupied areas surrounding the space. Existing conditions uncovered during the project included shaft openings which were not code compliant. Turner worked with the Owner to ensure that the schedule and pricing impact was minimized and coordinated all work that could proceed while working with architectural for details that would be code compliant.

Rich Hillringhouse
Construction Superintendent

TURNER CONSTRUCTION COMPANY

EDUCATION
BS, Electrical Engineering, Farleigh Dickinson University

CONSTRUCTION EXPERIENCE
37 years

LAST EMPLOYER
Turner Construction Company

LAST POSITION
Construction Superintendent

CERTIFICATIONS
OSHA 30-Hour
EM 385 Certification
USACE (CQM-C) Quality Management
Licensed Electrician, New York, NY
Burglar Alarm License – Atlanta, GA
Project Supervision – ABC Certification
Combat Engineer – 104th Engineering, 50th Armored Division

EXPERIENCE WITH
- ✓ Working with this Team
- ✓ Similar Type of Projects
- ✓ Similar Scope
- ✓ Education Design
- ✓ Education Construction

RELEVANCY LEGEND

Over $80 million

Design-Build

K-12 Facility

Team Experience Working Together

PROJECT RESPONSIBILITIES
Rich Hillringhouse, as Construction Superintendent, is responsible for the day-to-day supervision and management of all construction activities associated with the project. He is directly responsible for scheduling, coordination, quality control and ensuring the safety of all on-site personnel as well as the general procedures. Rich will hold weekly meetings with subcontractors to review progress of the work, upcoming events and potential impact on the users of the facility. He is also the direct contact as it concerns logistics and coordination of ongoing operations. During the construction phase, he will work closely with the Project Manager to lead, manage, and direct all field activities with special attention to MEP.

RELEVANT EXPERIENCE

EASTERN SENIOR HIGH SCHOOL WASHINGTON, DC
Construction Superintendent. This project consisted of the total interior demolition and hazardous materials abatement; with new construction foundations, sheeting/shoring, and underpinning occurring within the foot print of the facility. The new construction included two new interior 3 story atrium with 6' ficus trees and landscaped planting; performing arts stages; and state-of-the-art electronics. The renovation was accomplished by selective demolition, leaving only the building façade and structure with a few historic interior architecture features. LEED Silver was targeted however, it achieved Gold.

PHELPS ARCHITECTURE, CONSTRUCTION AND ENGINEERING HIGH SCHOOL WASHINGTON, DC
Construction Superintendent. Phelps Engineering Academy consisted of 140,000 SF of fast-track new campus style construction and renovation. This design-build project, was a phased modernization of three previously abandoned school buildings, and addition of a new administrative building with a Welcome Center. Construction on all phases ran simultaneously. The new Phelps also included high-bay construction trades, engineering training laboratories, 24 classrooms, gymnasium, auditorium, a full service kitchen, cafeteria, an art classroom, offices, conference rooms, a cistern, a greenhouse, horticulture labs, and science laboratories.

SCHOOL WITHOUT WALLS WASHINGTON, DC
Construction Superintendent. This project entailed the design-build restoration and renovation of the original Grant School building and the construction of a new 33,000 SF addition. This historic brick and wood frame structure requires new finishes throughout, as well as replacement of existing mechanical, electrical, pluming, life safety and systems to meet current building codes and standards. The facility achieved LEED Gold.

TAKOMA ELEMENTARY SCHOOL WASHINGTON, DC
Construction Superintendent. This design-build effort involved repairing a school which was severely damaged in a fire in December of 2010, destroying most of the building's interior. The brick exterior that survived the fire was retained and the interiors were renovated in time to open for the spring of the 2011 school year. Takoma Elementary is a Visual and Performance Arts Academy for grades PK-8. The Owner reinforced the curriculum and program of the school through the use of the

Rich Hillringhouse

Construction Superintendent cont'd

existing 5-pod building design. We provided preconstruction and construction services for the 82,000 SF facility with a core capacity of 450 students. LEED Silver was targeted however, it achieved Gold.

JANNEY ELEMENTARY SCHOOL WASHINGTON, DC

Construction Superintendent. The Janney Elementary School Addition, a design-build project for the Department of General Services in Washington, DC, included a new two story addition atop an existing one story addition to Janney Elementary School. The existing addition was constructed in 2011 as part of a larger modernization effort. The new, two-story addition was 9,012 SF and duplicated three Pre-K classrooms on top of an existing single-story wing of the school. The project also included MEP upgrades and the relocation of the equipment to the roof.

LYNDHURST ELEMENTARY SCHOOL RENOVATION AND ADDITION BALTIMORE, MD

Construction Superintendent. The project included restoring 15,000 SF of the original 1926 building and constructing a new 90,000 SF addition forming the new academic wing, gymnasium, cafeteria and kitchen. The existing building was restored to serve the administrative offices, community spaces, and media center. The school addition serves students in Pre-K through eighth grade. Site work included the construction of a new multi purpose playing field, new playgrounds, athletic courts, a parking lot, and other site enhancements. The project was completed on-time and on-budget.

NATIONAL INTREPID CENTER OF EXCELLENCE BETHESDA, MD

Construction Superintendent. The National Intrepid Center of Excellence was built to support members of the US Armed Forces who obtained psychological health and traumatic brain injuries from serving in the Iraq and Afghanistan wars. This project included the installation of major utility infrastructure and management facilities to support the Walter Reed Amputee Center. There is a two-story atrium at the center of the 72,000 SF building. Both projects met an accelerated 15 month schedule, with aggressive pricing.

LINCOLN HALL AT FT. MCNAIR NATIONAL DEFENSE UNIVERSITY WASHINGTON, DC

Construction Superintendent. This design/build Advanced Defense Intelligence Training Facility, called Lincoln Hall, on the grounds of National Defense University at Fort McNair in Washington, DC. The 241,000 SF project included all required anti-terrorism and force protection (AT/FP) measures including highly complex mission critical computer and data facilities, extensive robust internal communications networks, and Sensitive Information Facilities, and administrative offices. Construction was done on a constrained site with limited land. The building is situated adjacent to the existing Marshall Hall, which remained operational at all times during construction.

FBI BIOMETRICS FACILITY CLARKSBURG, WV

Construction Superintendent. The project included the general construction of a new 400,000 SF Office Building and 20,000 SF Central Utility Plant expansion package for the Federal Bureau of Investigation. This building currently houses the Biometrics program.

ROWLEY HALL AT MARYMOUNT UNIVERSITY ARLINGTON, VA

Construction Superintendent. Marymount University's Rowley Hall is located on the main campus in Arlington, VA. The renovation primarily took place on the lower three levels of the facility and included demolition and abatement, new window installation, total MEP replacement, structural and interior upgrades to facilitate new living and learning spaces for students. Additionally, this spaces would serve as a new home for faculty and staff members.

PRINCE GEORGE'S COMMUNITY COLLEGE- CENTER FOR HEALTH STUDIES BALTIMORE, MD

Construction Superintendent. This project involved the construction of a three-story structural steel building with a mechanical penthouse and 112,000 SF of laboratory, classroom and collaboration space, as well as the demolition of an existing building. The new building includes 25,000 SF of classroom space including 10 smart classrooms, a smart-tiered lecture classroom, 26 state-of-the-art simulation labs, a computer lab, 71 faculty, staff and administrative offices. Additionally three conference rooms, a 2,000 SF auditorium and a technology data center are included in the building and serve the entire campus. The building's structure required auger-case pile foundations, a slab-on-grade. The exterior is a steel structure with a facade comprised of metal panels, glazing, curtain-wall and brick

Rusty Shaw
AIA, NCARB, LEED AP
Design Project Manager

ARCHITECTURE, INCORPORATED

EDUCATION
B. Arch., Architecture, Virginia Tech

EXPERIENCE
36 years

LAST EMPLOYER
Architecture, Incorporated

LAST POSITION
Senior Vice President

CERTIFICATIONS
Registered Architect

American Institute of Architects

(AIA), Professional Member

National Council of Architectural

Registration Boards (NCARB), Certified

Leadership in Energy & Environmental Design LEED Accredited Professional

National Fire Prevention Association (NFPA)

EXPERIENCE WITH

- ✓ Working with this Team
- ✓ Similar Type of Projects
- ✓ Similar Scope
- ✓ Education Design

RELEVANCY LEGEND

- *Over $80 million*
- *Design-Build*
- *K-12 Facility*
- *Team Experience Working Together*

PROJECT RESPONSIBILITIES

Rusty is the Principal-in-Charge of the education design studio. His responsibilities as the Design Project Manager on the New George Mason High School Project will include the contractual aspects of projects as well as providing overall design for various projects. He is responsible for analyzing the office workload and assigning the team's specific projects and monitoring the projects progress. He is responsible for establishing the criterion for the Production Manual and typically coordinates projects within the construction document phase. Working closely with clients and consultants, Rusty examines construction types, components, and the costs required to produce projects within reasonable budgets.

RELEVANT EXPERIENCE

COOLIDGE SENIOR HIGH SCHOOL WASHINGTON, DC

Design Project Manager. Turner, Architecture, Incorporated and Fanning Howey are providing design-build services for the modernization to the $135 million, 359,080 SF school in Washington, DC. The scope of work includes renovations to the existing 271,300 SF school originally built in 1940 and the adjoining 190,000 SF activity center built in 1987 to hold over 800 high school students. The scope also includes the addition of a new middle school which will be added to the site, holding over 650 students. The project is designed to achieve LEED Gold Certification and is expected to be completed in time for the Fall 2019 school year.

FRIENDSHIP PUBLIC CHARTER SCHOOL WASHINGTON, DC

Design Project Manager. Delivered via design-build with Turner Construction, The Friendship Charter located in Washington, DC, underwent major transformations that underscored their presence within the community. The new building houses six grades and features three levels of education space totaling 80,630 SF, supporting the 600 student population. Comprising 27 classrooms, this technical school contains a cafeteria, engineering/robotics lab, computer lab, chemistry lab, a physics lab and underground parking. The school required several multi-function spaces and conference-type spaces to accommodate an education philosophy that provides students with many hands on applications and learning environments. The spaces are envisioned as collegiate in feel providing various locations for the students to congregate and peer learn in a comfortable atmosphere. The project is LEED Gold certified.

BRENT ELEMENTARY SCHOOL WASHINGTON, DC

Design Project Manager. The existing school was a three-story 45,000 SF facility built in the early 1960s.The unique aspect of this project is that the classrooms were renewed; the first floor classrooms were "pushed out" to match an existing overhang-adding an additional three feet to each ground level classroom; and an administrative addition with main entry was added. All the work took place from July to the opening of school in August. Each classroom on the first floor was upgraded to provide a state-of-the-art teaching space. The classrooms have ample windows, casework was provided meeting DC requirements, cubbie space was added that created a small pull out type space, technology was added for the teacher

Rusty Shaw
Design Project Manager cont'd

as well as the students and each room has an accessible toilet room. The administrative addition is highlighted by the main entry vestibule, the administrative offices are located to provide visual security with the main entry, a curved reception desk welcomes visitors and soft classic finishes accentuate the main corridor and administrative areas. The project was delivered via design-build.

WEST SPRINGFIELD HIGH SCHOOL
WEST SPRINGFIELD, VA

Design Project Manager. The project is a comprehensive 288,000 SF renovation to the existing building. Additions totaling 109,000 SF include a new science wing constructed as a new third floor, administration, library, classrooms, and music department wing. The main gym is being enlarged to accommodate additional bleachers and an additional exercise room. Several spaces including the weight, gymnastics, dance, and art rooms will be housed within the existing building, however the existing roof structure will be removed and replaced with a higher structure to provide greater room volume. Site work includes reorganizing traffic flow and parking to provide better on-site circulation. Two new press boxes and a combined central concessions/ storage/ restrooms building round out the project. Construction is scheduled to be completed in 2019.

W.T. WOODSON HIGH SCHOOL FAIRFAX, VA

Design Project Manager. The project consisted of a comprehensive renovation to the 301,000 SF school, and additions totaling 105,000 SF. Additions include Fairfax County Public School's largest auditorium, capable of seating all 2,000 of the school's students, as well as a new science classroom wing, weight room, administration wing, gymnastics dance studio and locker rooms. The additions along the front facade are punctuated with brick, precast and glass on a grand scale to pronounce the main and secondary entries and primary public venues. Existing playing fields, stadium and multiple press boxes were all renovated and/or newly constructed. All portions of the school were renovated including the media center, two gymnasiums, two cafeterias and an adult education center. All mechanical, electrical and sprinkler systems were upgraded during the complex, 36-month phasing of the project.

WEST POTOMAC HIGH SCHOOL ALEXANDRIA, VA

Design Project Manager. West Potomac High School was a five-phase addition and renovation project completed over three years. The project scope consisted of the complete renovation of 337,000 SF of existing facilities and the new 54,000-SF addition. All educational program spaces were evaluated for conformance with the education specification standards. Technology in the classroom was expanded and enhanced by a fiber-optic network. The library was replaced with a modern media center thus establishing a focal point for the school. All interior finishes have been renovated to include new paint, acoustic ceilings, ceramic tile, carpet, etc. All areas of the school comply with ADA standards, and the mechanical systems were replaced with modern, energy efficient systems, including water-saving fixtures which replaced the existing plumbing fixtures.

GARFIELD HIGH SCHOOL WOODBRIDGE, VA

Design Project Manager. This project was the renewal of a 373,000 SF high school. Interactive, individual classrooms were created by enclosing the open teaching pods. All new rooms were furnished with casework, visual display boards and upgraded finishes. The work and family studies, art and science labs received specialized casework along with new finishes. Accessibility upgrades were made throughout the facility including all doors and hardware, locker showers and toilet rooms. The existing mechanical system duct work was reworked to serve the new areas as well. The existing electrical system was modified to provide the power and lighting conforming with the current standards. New data lines, TV cable, fire alarm, clocks, intrusion alarm and public address systems were included in the project.

OSBOURN PARK HIGH SCHOOL MANASSAS, VA

Design Project Manager. Renewal of 310,000 SF high school for Prince William County Public Schools. The primary focus of this renovation was to create typical enclosed individual classroom spaces in the primary teaching areas on the second and third floors. These areas were divided with metal panel systems which provided three walls with the fourth side open to the corridor. The finishes and casework in all newly created classrooms were updated, including upgraded wood casework for the art, science and work and family studies labs. The existing plenum supply ceiling mechanical system was reworked to provide a ducted supply, plenum return system. Other upgrades included the electrical power and lighting systems, and low voltage electrical systems including fire alarm, central clock, telephone, data, public address and security intrusion.

STONEWALL JACKSON HIGH SCHOOL MANASSAS, VA

Design Project Manager. Renewal of 310,000 SF high school for Prince William County Public Schools. Typical enclosed individual classroom spaces in the primary teaching areas were created on the second and third floors. Finishes and casework in these classrooms were updated as well as the wooden casework in science labs, art department, and work and family studies programs.

Rusty Shaw
Design Project Manager cont'd

LANIER MIDDLE SCHOOL FAIRFAX, VA

Design Project Manager. Lanier Middle School was an existing 117,000 SF school with a capacity of 850 students, yet, prior to renovations and additions, the school housed 1,000 students. The design team's mission was to create an environment that would allow the school to team-teach in "houses" and to expand the school to a true capacity of 1,125 students. The project comprised 70,000 SF of additions including: administration, media center, core classrooms, music rooms and a new gymnasium. The project also included comprehensive renovations to update the existing facility and provided new casework, doors and hardware, lockers, windows, roof, and finishes. The building's infrastructure was replaced to facilitate energy efficient and economical operation of the building systems. Low voltage systems were also comprehensively renovated to enhance the learning environment by including a state-of-the-art IT infrastructure.

Brad S. Pierce AIA, LEED AP

Project Architect

ARCHITECTURE, INCORPORATED

EDUCATION
B. Arch., Virginia Tech

EXPERIENCE
31 years

LAST EMPLOYER
Stanmyre+Noel Architects

LAST POSITION
Project Architect

CERTIFICATIONS
Registered Architect

American Institute of Architects (AIA), Professional Member

Association for Learning Environments (A4LE)

LEED Accredited Professional BD+C

EXPERIENCE WITH

- ✓ Working with this Team
- ✓ Similar Type of Projects
- ✓ Similar Scope
- ✓ Education Design

RELEVANCY LEGEND

- *Over $80 million*
- *Design-Build*
- *K-12 Facility*
- *Team Experience Working Together*

PROJECT RESPONSIBILITIES

Brad is a Senior Project Manager at Architecture, Incorporated known for his innovative design and ability to develop unique solutions to project challenges. Brad brings over 30 years of experience to the team, which is reflected in his detail-oriented and client-focused approach. With expertly refined communication and time management skills, he is able to perform at the highest level – no matter the scope of the project. From newly constructed buildings to complex phased renovations, Brad maintains the highest standards in design to exceed client expectations. Focusing on architectural design for educational environments throughout his career, Brad has successfully navigated the nuances and evolution of the market, establishing himself as a design leader in the K-12 sector. Brad develops community focused solutions for each unique project, and always designs with the students in mind.

RELEVANT EXPERIENCE

COOLIDGE SENIOR HIGH SCHOOL WASHINGTON, DC

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WEST SPRINGFIELD HIGH SCHOOL WEST SPRINGFIELD, VA

Project Architect. The project is a comprehensive 288,000 SF renovation to the existing building. Additions totaling 109,000 SF include a new science wing constructed as a new third floor, administration, library, classrooms, and Music Department wing. The main gym is being enlarged to accommodate additional bleachers and an additional exercise room. Several spaces including the weight, gymnastics, dance, and art rooms will be housed within the existing building, however the existing roof structure will be removed and replaced with a higher structure to provide greater room volume. Site work includes reorganizing traffic flow and parking to provide better on-site circulation. Two new press boxes and a combined central concessions/ storage/ restrooms building round out the project. Construction is scheduled to be completed in 2019.

LCPS - NEW HIGH SCHOOL PROTOTYPE DESIGN LOUDOUN COUNTY, VA

Project Architect. Concept design for a new prototypical two-story, 290,000 SF high school centered on in interior town square commons with two floors of radiating classroom corridors, arts, and athletics. Produced the schematic floor plans, formulated the exterior massing and design, and coordinated with the renderer to produce the concept presentation drawings.

Brad S. Pierce

Project Architect cont'd

MCPS – MARYVALE ELEMENTARY SCHOOL / CARL SANDBERG LC ROCKVILLE, MD

Project Architect. Collocation of two existing schools totaling 161,000 SF. The Carl Sandburg Learning Center is being incorporated into Maryvale Elementary School, which is being revitalized and expanded to provide both schools with a modernized facility, while increasing the program capacity of both to 135 and 694 students, respectively. The building incorporates the program of both entities and provides for some shared and connected spaces, but is designed to provide controlled interaction among the school populations, and maintain the identity of each school through unique entrances. Some shared core spaces include the instructional media center, health services suite, kitchen, administrative area, and teachers' lounge.