

RESUMES

As noted in the previous section, the Gilbane | Stantec + QEA team brings you the three firms that are ranked as the very best education experts from across the nation – full of lessons learned and expertise from a vast portfolio of highly relevant projects.

However, this nationwide experience is only a supplement to our extensive local talent. We have hand selected your project team based on each individual's resume, experience, and local market knowledge. The team we bring you is well versed in K-12 projects, 21st Century Learning environments, design-build delivery method, and Falls Church permitting and requirements.

This team is entrenched in our community, knows the subcontractor market, and understands the specific requirements of the highly anticipated Falls Church George Mason High School.

We considered the key experiences important to the successful delivery of this project, and selected team members that possess all of these attributes. ***Anthony, our design-build project manager, has worked on 2 high schools over \$80M+*** in Northern Virginia during his tenure at Gilbane. Our core construction team of Anthony, Aaron and Eric have worked together on several educational design-build projects in the last 10 years. ***This exact team worked together on the \$135M, design-build Roosevelt High School.*** Gilbane | Stantec + QEA has structured a team that complements the strengths of each team member, assuring the City of Falls Church a smooth, well run, design-build project. Each team member brings you the following expertise:

RELEVANT EXPERTISE



TEAM LEADERSHIP

	NOVA Experience	Design-Build	K-12 Education	21st Century Learning Environment	Sustainable Buildings	Community Engagement	Team Member Work History	Multi-Story
Anthony Barton, Design-Build Project Manager, Gilbane	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Derk Jeffrey, Design Project Manager, Stantec	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Bob Sherrill, Project Architect Construction Administration, Stantec	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Aaron Trout - Construction Project Manager, Gilbane	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Eric Fritz - Construction Superintendent, Gilbane	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Jennifer Macks - Principal-in-Charge, Gilbane	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Jack Chin, Urban Design Architect, Quinn Evans Architects	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Bill Bradley - Educational Planner, Stantec	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Matthew J. Kaiser - Civil Engineer, RK+K	Apple	Apple	Apple		Apple	Apple		Apple
Roger Frechette - Mechanical Engineer, Interface	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Ayman Elbarasi - Electrical Engineer, Interface	Apple	Apple	Apple	Apple	Apple	Apple	Apple	Apple
Larry Grossman - Commercial Consultant, Stantec		Apple			Apple	Apple		Apple



Anthony W. Barton, LEED AP
DESIGN-BUILD PROJECT MANAGER



QUALIFICATIONS | EDUCATION

- > BAE/Architectural Engineering/Pennsylvania State University
- > 22 years in the construction field

LICENSES | CERTIFICATIONS

- > LEED Accredited Professional
- > OSHA 30 Hour Trained

PRIOR EMPLOYMENT

- > Bovis Lend Lease | Project Manager
- > Pennsylvania Army National Guard | Specialist

\$419 Million
in education projects

RELEVANT EXPERTISE



NOVA Experience



Design-Build



Education



21st Century Learning



Sustainability



Community Engagement



Team Member Work History



Multi Story

ARLINGTON PUBLIC SCHOOLS, WILSON SECONDARY SCHOOL

\$90 MILLION | 200,000 SF

- > **7-story, vertical school with Jack Chin, Interface, Silman and Sextant**
- > **Located in the urban neighborhood** of Rosslyn
- > Co-location of the HB-Woodlawn and the Stratford special education programs
- > Learning environments that blur the lines between inside and outside
- > **Robust community engagement process**



APS, Wilson Secondary School

ROOSEVELT SENIOR HIGH SCHOOL MODERNIZATION

\$135 MILLION | 331,000 SF

- > **Design-build services** for modernization and expansion of an **occupied and urban high school campus**
- > Our efforts were focused on **minimizing the impact to school operations and campus traffic**
- > **Many sustainable features** including cisterns for building use and student teaching tool



Roosevelt High School Renovation

WAKEFIELD HIGH SCHOOL | \$97 MILLION | 403,000 SF

- > **New, replacement high school** and aquatics center in urban area of Northern Virginia
- > Phase I included demolition of the existing athletic fields and building new high school. Phase II included demolishing existing high school and **installing 446 geothermal wells** and athletic fields
- > **Achieved LEED Gold certification**

MARIE H. REED ELEMENTARY SCHOOL & COMMUNITY LEARNING CENTER | \$67 MILLION | 130,000 SF

- > **Gilbane | Quinn Evans design-build collaboration** to modernize learning center into a 21st century learning environment and community resource in an **urban area of DC**
- > Space for over 400 students, as well as a public health clinic, child care center, adult education center, swimming pool and athletic center
- > The tight, urban site required construction to be closely coordinated to **mitigate impact to commercial and residential traffic and parking** while meeting the **aggressive project schedule**
- > Green features such as stormwater management system, a green roof and recycled content - **targeting LEED for Schools, Gold certification**



Marie H. Reed Community Learning Center



Derk Jeffrey, AIA, NCARB, LEED AP, REFP

DESIGN PROJECT MANAGER



QUALIFICATIONS | EDUCATION

- > Bachelor of Architecture/Virginia Tech
- > 33 years in the design field

LICENSES | CERTIFICATIONS

- > Registered Architect #0401006643, Virginia
- > LEED Accredited Professional, USGBC
- > Recognized Educational Facility Planner (REFP), Association for Learning Environments
- > Registered Architect, National Council of Architectural Registration Boards (NCARB)

PRIOR EMPLOYMENT

- > SHW Group | Principal (acquired by Stantec in 2014)
- > BCWH | Principal

\$ 1.5 billion in education projects

RELEVANT EXPERTISE



NOVA
Experience



Design-Build



Education



21st Century
Learning



Sustainability



Community
Engagement



Team Member
Work History



Multi Story

ACADEMIES OF LOUDOUN | \$92 MILLION | 305,880 SF

- > **Co-locates three existing STEM/Career Technical Education** high school programs
- > Learning spaces are designed to be **highly flexible** and easily adaptable in response to the **rapidly shifting demands of STEM and CTE programs and careers**
- > **Green features such as stormwater management system and green roof**

H.D. WOODSON HIGH SCHOOL | \$98 MILLION | 320,000 SF

- > **Replacement comprehensive high school** with STEM focus
- > **Design/Build Delivery**
- > Stantec served as the Educational Planner/Interior designers
- > *Learning by Design, Outstanding Project Award 2013*

ST. CHARLES HIGH SCHOOL | \$72.5 MILLION | 288,283 SF

- > **New comprehensive high school**
- > Core academic spaces are broken into four small **learning communities**, each featuring classroom space, breakout areas and support spaces.
- > Design transparency throughout the building highlights learning
- > *ENR Mid-Atlantic Project of the Year Award, 2015*

ADDITIONAL RELEVANT PROJECTS

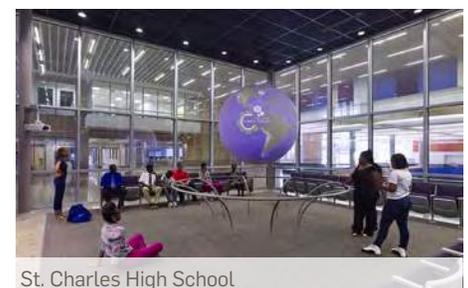
- > High School #11 - New 282,000 SF, \$97M
- > Rock Ridge High School - New 283,422 SF, \$66.2M
- > Riverside High School - New 275,386 SF, \$75M
- > Olathe West High School - New 373,494 SF, \$82M
- > Arlington Career Center/High School - Modernization/addition of career center and new high school 156,000 SF, \$41M (**Stantec/Quinn Evans team**)



Academies of Loudoun



H.D. Woodson High School



St. Charles High School



Bob Sherrill, AIA, NCARB, LEED AP BD+C
PROJECT ARCHITECT | CONSTRUCTION ADMINISTRATION



QUALIFICATIONS | EDUCATION

- > Bachelor of Architecture/ University of Tennessee
- > 34 years in the design field

LICENSES | CERTIFICATIONS

- > Registered Architect #0401007475, Virginia
- > Registered Architect, National Council of Architectural Registration Boards (NCARB)
- > LEED Accredited Professional, Building Design + Construction USGBC

PRIOR EMPLOYMENT

- > SHW Group | Senior Project Architect (acquired by Stantec in 2014)
- > Bowie Gridley | Senior Project Architect

\$ 900 million in education projects

RELEVANT EXPERTISE



NOVA
Experience



Design-Build



Education



21st Century
Learning



Sustainability



Community
Engagement



Team Member
Work History



Multi Story

ACADEMIES OF LOUDOUN | \$92 MILLION | 305,880 SF

- > **Co-locates three existing STEM/Career Technical Education high school** programs
- > Learning spaces are designed to be **highly flexible** and easily adaptable in response to the **rapidly shifting demands of STEM and CTE programs and careers**
- > **Green features such as stormwater management system and green roof**



Academies of Loudoun

ROCK RIDGE HIGH SCHOOL | \$66 MILLION | 283,422 SF

- > **New, comprehensive high school** designed concurrently with Riverside HS
- > Most recent iteration of prototype **design by Stantec**
- > Improvements include: relocation of main office, realignment of several corridors, redesign of locker rooms, enhancement of building envelope
- > **Accelerated production schedule** to accommodate District's desire to open the school one year earlier than originally anticipated
- > Designed as **Virginia CHPS and Energy-Star exemplars**



Rock Ridge High School

RIVERSIDE HIGH SCHOOL | \$75 MILLION | 275,386 SF

- > **New, comprehensive high school** designed concurrently with Rock Ridge HS
- > Most recent iteration of prototype **design by Stantec**
- > Improvements include: relocation of main office, realignment of several corridors, redesign of locker rooms, enhancement of building envelope
- > Designed as **Virginia CHPS and Energy-Star exemplars**

PATTERSON HIGH SCHOOL | \$66 MILLION | 237,176 SF

- > **New, comprehensive high school** with CTE programs and special needs programs
- > **Extensive community engagement** process during planning and design
- > **Urban location, multi-story high school**



Patterson High School



Aaron Trout, LEED AP CONSTRUCTION PROJECT MANAGER



QUALIFICATIONS | EDUCATION

- > BS, Architectural Engineering, Pennsylvania State University
- > 13 years in the construction field

LICENSES | CERTIFICATIONS

- > LEED Accredited Professional

PRIOR EMPLOYMENT

- > Hensel Phelps | Field Engineer

\$356 Million
in education projects

RELEVANT EXPERTISE



NOVA
Experience



Design-Build



Education



21st Century
Learning



Sustainability



Community
Engagement



Team Member
Work History



Multi Story

ROOSEVELT SENIOR HIGH SCHOOL MODERNIZATION

\$135 MILLION | 331,000 SF

- > **Design-build services** for modernization and expansion of an **occupied and urban high school campus**
- > Our efforts were focused on **minimizing the impact to school operations and campus traffic**
- > Many **sustainable features** including cisterns for building use and student teaching tool



Roosevelt High School Renovation

RON BROWN COLLEGE PREPARATORY HIGH SCHOOL

\$59 MILLION | 180,000 SF

- > **Design-build services for a fast-track, two phase project in urban DC with Interface**
- > Phase I included demolition and abatement of entire facility and modernization of the 70,000 SF first floor with a new entry, instructional spaces, new library and music space, administration space, new food service and dining
- > Phase II included renovations to second and third floors including the gymnasium, auditorium, classrooms, science and computer labs
- > **Goal is to achieve LEED Gold certification**



Ron Brown High School

HOWARD UNIVERSITY PLAZA TOWERS RENOVATIONS

\$74.5 MILLION | 700,000 SF

- > **Design-build services** for the renovation of the existing East and West towers on a **tight occupied campus**.
- > Residential towers with mixed use amenities including a living learning environment, kitchen, fitness center, collaborative study area
- > Modernization includes infrastructure upgrades for water, distribution of MEP piping, fan coil units, new fire alarm system, elevators and new flooring



Howard University Plaza Towers

ADDITIONAL RELEVANT PROJECTS

- > UVA McIntire School, Rouse and Robertson Halls - Renovation 146,590 SF, \$55M
- > NVCC Alexandria, Phase II - Renovation 97,000 SF, \$20.8M
- > Mount Saint Mary's New Dormitory - New 53,000 SF, \$11.7M



Eric Fritz, LEED AP BD+C
CONSTRUCTION SUPERINTENDENT



QUALIFICATIONS | EDUCATION

- > MS/Construction Management/Pennsylvania State University
- > MS/Architectural Engineering/Pennsylvania State University
- > 13 years in the construction field

LICENSES | CERTIFICATIONS

- > OSHA 30-Hour Trained
- > LEED Associated Professional BD+C

PRIOR EMPLOYMENT

- > Marley Builders | Intern

\$261 Million
in education projects

RELEVANT EXPERTISE



NOVA Experience



Design-Build



Education



21st Century Learning



Sustainability



Community Engagement



Team Member Work History



Multi Story

ROOSEVELT SENIOR HIGH SCHOOL MODERNIZATION

\$135 MILLION | 331,000 SF

- > **Design-build services** for modernization and expansion of an **occupied and urban high school campus**
- > Our efforts were focused on **minimizing the impact to school operations and campus traffic**
- > Many **sustainable features** including cisterns for building use and student teaching tool



Roosevelt Senior High School Modernization

MARIE H. REED ELEMENTARY SCHOOL & COMMUNITY LEARNING CENTER | \$67 MILLION | 130,000 SF

- > **Gilbane | Quinn Evans design-build collaboration** to modernize learning center into a 21st century learning environment and community resource in an **urban area of DC**
- > Space for over 400 students, as well as a public health clinic, child care center, adult education center, swimming pool and athletic center
- > The tight, urban site required construction to be closely coordinated to **mitigate impact to commercial and residential traffic and parking** while meeting the **aggressive project schedule**
- > Green features such as stormwater management system, a green roof and recycled content - **targeting LEED for Schools, Gold certification**



Ron Brown College Preparatory

RON BROWN COLLEGE PREPARATORY HIGH SCHOOL

\$59 MILLION | 180,000 SF

- > **Design-build services for a fast-track, two phase project in urban DC with Interface**
- > Phase I included demolition and abatement of entire facility and modernization of the 70,000 SF first floor with a new entry, instructional spaces, new library and music space, administration space, new food service and dining
- > Phase II included renovations to second and third floors including the gymnasium, auditorium, classrooms, science and computer labs
- > **Goal is to achieve LEED Gold certification**



Marie H. Reed Community Learning Center



Jennifer Macks, PE, LEED AP
PRINCIPAL-IN-CHARGE



QUALIFICATIONS | EDUCATION

- > MS/Business Administration/Wayne State University
- > BS/Civil Engineering/University of Michigan

LICENSES | CERTIFICATIONS

- > LEED Accredited Professional
- > OSHA 30-Hour Trained
- > Professional Engineer
- > US Army Corps of Engineers, Construction Quality Management Certification

PRIOR EMPLOYMENT

- > Howard Shockey and Sons, Inc. | Vice President
- > Skanska USA Building | Vice President
- > Barton Malow Company | Project Director

20 Years Experience
on *design-build* projects

RELEVANT EXPERTISE



NOVA
Experience



Design-Build



Education



21st Century
Learning



Sustainability



Community
Engagement



Team Member
Work History



Multi Story

AMERICAN UNIVERSITY EAST CAMPUS EXPANSION

\$92 MILLION | 400,000 SF

- > **Two new academic/administrative buildings** and three residence halls
- > **Occupied campus**, seeking **LEED Gold** certification



American University East Campus Expansion

NORTHERN VIRGINIA COMMUNITY COLLEGE, ACADEMIC BUILDING

\$24 MILLION | 85,000 SF

- > **New multi-story academic building** including classrooms, student services functions, testing center, office suites, and parking
- > **Occupied campus**



NVCC Academic Building

WILLIAM BEAUMONT HOSPITAL MASTER PLAN PROJECTS

\$168 MILLION | 500,000 SF

- > **Design-build** for the Emergency Center expansion including a **123,000 SF multi-story addition** including **education and classroom space and a 3,000 SF auditorium**
- > The critical care tower consists of **100,000 SF new space on six levels**
- > **Occupied campus**



William Beaumont Hospital

WILLIAM BEAUMONT HOSPITAL RENOVATION

\$51 MILLION | 105,000 SF

- > **Design-build** for the **25-phase** renovation that transformed old surgery, radiology, and cardio units into a flexible flow of services.
- > **Construction occurred within occupied space and on infrastructure linked to locations outside the work area**



Jack Chin, RA
URBAN DESIGN ARCHITECT



QUALIFICATIONS | EDUCATION

- > MS/Architecture and Urban Design/Columbia University
- > BA/Architecture/Temple University
- > 17 years in the design field

LICENSES | CERTIFICATIONS

- > Registered Architect

PRIOR EMPLOYMENT

- > Leo A Daly | Senior Architect
- > Shalom Baranes | Project Designer

\$300 million
in education projects

RELEVANT EXPERTISE



NOVA
Experience



Design-Build



Education



21st Century
Learning



Sustainability



Community
Engagement



Team Member
Work History



Multi Story

ARLINGTON PUBLIC SCHOOLS, WILSON SECONDARY SCHOOL*

\$90 MILLION | 200,000 SF

- > **7-story, vertical school with Gilbane, Interface, Silman and Sextant**
- > **Located in the urban neighborhood** of Rosslyn
- > Co-location of the HB-Woodlawn and the Stratford special education programs
- > Learning environments that blur the lines between inside and outside
- > **Robust community engagement process**



APS, Wilson Secondary School

ARLINGTON CAREER CENTER | \$41 MILLION | 156,000 SF

- > **Quinn Evans Architects | Stantec design partnership**
- > Multi-phase renovation and expansion of an existing school
- > Will house an additional 1,600 high school students
- > **Co-location of school and community functions**
- > **Robust community engagement process**
- > **Expected to exceed 4 stories**



Stratford Middle School

STRATFORD MIDDLE SCHOOL | \$30 MILLION | 40,000 SF

- > Addition to an existing 146,000 SF school with Interface
- > **Serves as a model school for Arlington County**
- > **Projected to achieve LEED Gold certification**
- > Integrated public art that showcases the school's history
- > **Robust community engagement process**

ABRAHAM JOSHUA HESCHEL SCHOOL* | \$75 MILLION | 140,000 SF

- > **10-story vertical school** in New York
- > Vertical distribution of program with identifiable floors unique to each program
- > **Co-location** of early elementary and middle school programs
- > **LEED Gold certification**
- > **Robust school community engagement process**



Abraham Joshua Heschel School

*Work prior to employment at Quinn Evans Architects



Bill Bradley, PhD, AIA, LEED AP, REFP
EDUCATIONAL PLANNER



QUALIFICATIONS | EDUCATION

- > Doctor of Philosophy/Education/University of Virginia/1996
- > Master of Education/University of Virginia/1994
- > Bachelor of Architectural Design/Clemson University/1991

LICENSES | CERTIFICATIONS

- > Registered Architect #9871, Wisconsin
- > Recognized Educational Facility Planner (REFP), Association for Learning Environments
- > LEED Accredited Professional, U.S. Green Building Council

PRIOR EMPLOYMENT

- > SHW Group | Principal (acquired by Stantec in 2014)
- > VMDO | Associate Principal

\$500 Million
in education projects

RELEVANT EXPERTISE



NOVA
Experience



Design-Build



Education



21st Century
Learning



Sustainability



Community
Engagement



Team Member
Work History



Multi Story

ACADEMIES OF LOUDOUN | \$92 MILLION | 305,880 SF

- > **Co-locates three existing STEM/Career** Technical Education high school programs
- > Learning spaces are designed to be **highly flexible** and easily adaptable in response to the **rapidly shifting demands of STEM and CTE programs and careers**
- > **Green features such as stormwater management system and green roof**

BLACKSBURG HIGH SCHOOL | \$55.5 MILLION | 285,000 SF

- > **New comprehensive high school**
- > **Fast track, PPEA design-build delivery**
- > Compact **three-story design** with numerous **sustainable strategies** incorporated
- > Public areas are separated from the academic wing to allow for after-hours use

J. SARGEANT REYNOLDS COMMUNITY COLLEGE DOWNTOWN CAMPUS

\$11 MILLION | 140,000 SF

- > Total renovation of a **seven-story building systems and interior finishes** to redefine the learning environments and create a unique identify for the campus
- > Nine-phase project took place over 24 months as an **occupied renovation**

FREDERICK COUNTY MIDDLE SCHOOL \$41.5 MILLION | 185,000 SF

- > New 185,000 SF, **three-story design** allows for nine middle school "learning communities" designed to promote interdisciplinary, collaborative, and one-to-one, self-guided instruction
- > **Built-in flexibility** will allow for the facility to transition from supporting conventional teaching approaches to supporting new approaches in the future
- > **Net-zero water building**
- > Numerous educational planning and design awards, including **Best New Middle School** in Virginia, Exhibit on School Architecture, Virginia School Boards Association



Academies of Loudoun



Blacksburg High School



Frederick County Middle School



Matthew J. Kaiser, PE
CIVIL ENGINEER



QUALIFICATIONS | EDUCATION

- > BS/Civil Engineering/Virginia Polytechnic Institute and State University
- > 20 years in the engineering field

LICENSES | CERTIFICATIONS

- > Professional Engineer

PRIOR EMPLOYMENT

- > Volkert, Inc. | Project Manager

Completed

6 Projects
in the City of Falls Church

RELEVANT EXPERTISE



NOVA Experience



Design-Build



Education



Sustainability



Community Engagement

SOUTH WASHINGTON STREET TRANSIT PLAZA

\$3.5 MILLION | 1.3 ACRES

- > Coordination of review approval with the City of Falls Church and VDOT.
- > Survey, geotechnical investigations, traffic, streetlighting, landscape/hardscape, utility, roadway plans & details, E&SC, SWM, irrigation, cost estimate, and construction specifications.



South Washington Street Transit Plaza

ANNUAL DESIGN FOR TRANSPORTATION IMPROVEMENT PROJECTS |

\$25 MILLION | 30 TASK ORDERS

- > Design of roadway and intersection projects involving pedestrian and bicycle access improvements.
- > Pedestrian mobility involves geometric design, retaining wall design, bus stop improvements, drainage, stormwater management, erosion and sediment control, construction sequencing, temporary traffic control plans, signing and pavement marking plans, street light plans, and obtaining design waivers.

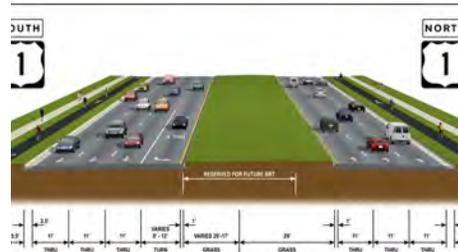


Annual Design - Ft. Hunt Trail to Ft. Hunt Elementary School

RICHMOND HIGHWAY MULTI-MODAL IMPROVEMENTS

\$225 MILLION | 3 MILES

- > Provided widening of urban principal arterial to six lanes including BRT accommodations and 20 connecting side streets.
- > Design included vehicular, transit, pedestrian and bicycle planning.
- > Included public involvement, extensive coordination with Fairfax County, and VDOT standards and specifications.



Richmond Highway Multi-Modal Improvements

GENERAL CIVIL ENGINEERING SERVICES | \$5 MILLION | 12 TASK ORDERS

- > Coordination with Town of Herndon Council.
- > Supervising/coordinating design of roadway, intersection, water main, culvert and bridge inspection projects.
- > Projects encompass geometric design, traffic analysis, drainage, stormwater management, survey, plat preparation, signing and pavement marking, report preparation, cost estimates, and public involvement.



Roger Frechette PE, LEED AP MECHANICAL ENGINEER

QUALIFICATIONS | EDUCATION

- › Bachelor of Science/Mechanical Engineering, Southeastern Massachusetts University
- › 30 years of experience

LICENSES | CERTIFICATIONS

- › Mechanical Professional Engineer: AZ, DC, GA, MD, NC, NY, VA, WA

- › LEED® Accredited Professional, Building Design and Construction

PRIOR EMPLOYMENT

- › Positive Energy Practice | President

\$898 million in education projects

RELEVANT EXPERTISE



NOVA Experience



Design-Build



Education



21st Century Learning



Sustainability



Community Engagement



Team Member Work History



Multi Story

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\$90 MILLION | 200,000 SF

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- › Learning environments that blur the lines between inside and outside
- › **Robust community engagement process**



Ron Brown High School

RON BROWN COLLEGE PREPARATORY HIGH SCHOOL

\$59 MILLION | 180,000 SF

- › **Design-build services for a fast-track, two phase project in urban DC with Gilbane**
- › Phase I included demolition and abatement of entire facility and modernization of the 70,000 SF first floor with a new entry, instructional spaces, new library and music space, administration space, new food service and dining
- › Phase II included renovations to second and third floors including the gymnasium, auditorium, classrooms, science and computer labs
- › **Goal is to achieve LEED Gold certification**



Wilson Secondary School

STRATFORD MIDDLE SCHOOL | \$30 MILLION | 40,000 SF

- › Addition to an existing 146,000 SF school with Quinn Evans
- › **Serves as a model school for Arlington County**
- › **Projected to achieve LEED Gold certification**
- › Integrated public art that showcases the school's history
- › **Robust community engagement process**



City of Falls Church

AGU HEADQUARTERS | CONFIDENTIAL | 83,000 SF

- › Modernization of the existing AGU headquarters building to a **net zero energy facility** integrating sewer water heat exchange, photovoltaics, and DC power distributed to lights and workstations
- › **Certified Net Zero Energy building**

WHISPER VALLEY | \$2 BILLION | 2,066-ACRE

- › Master planned community with the **largest net zero-energy residential and mixed use community in the country**



Ayman Elbarasi, PE, LEED AP ELECTRICAL ENGINEER



QUALIFICATIONS | EDUCATION

- > Bachelor of Science/Electrical Engineering/University of Virginia, Charlottesville, VA
- > 10 years of experience

LICENSES | CERTIFICATIONS

- > Electrical Professional Engineer: VA, CA, DC, MD, DE
- > LEED® Accredited Professional, Building Design

PRIOR EMPLOYMENT

- > HDR | Senior Electrical Engineer

\$166 Million
in education projects

RELEVANT EXPERTISE



NOVA Experience



Design-Build



Education



21st Century
Learning



Sustainability



Community
Engagement



Team Member
Work History

ARLINGTON PUBLIC SCHOOLS, WILSON SECONDARY SCHOOL

\$90 MILLION | 200,000 SF

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Ron Brown High School

RON BROWN COLLEGE PREPARATORY HIGH SCHOOL

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- > Phase II included renovations to second and third floors including the gymnasium, auditorium, classrooms, science and computer labs
- > **Goal is to achieve LEED Gold certification**



Wilson Secondary School

BASIS INDEPENDENT SCHOOLS | \$17.1 MILLION | 110,000 SF

- > **Design-build** services for the conversion of a three-story commercial property into the pre K-12 Basis Independent School with Gilbane
- > Design involved full HVAC replacement along with slab removal to accommodate new gymnasium.
- > The initial phase was 110,000 SF to accommodate about 650 students.



Basis Independent

AGU HEADQUARTERS | CONFIDENTIAL | 83,000 SF

- > Modernization of the existing 83,000 SF AGU headquarters building to a net zero energy facility integrating sewer water heat exchange, photovoltaics, and DC power distributed to lights and workstations.
- > **Certified Net Zero Energy** building

IFC HEADQUARTERS, DAKAR, SENEGAL

- > **Net Zero Energy**
- > A new, net zero energy headquarters facility that features photovoltaic canopy, below floor ventilation, radiant cooled ceilings, and envelope optimization.



Larry Grossman, AIA, LEED AP COMMERCIAL CONSULTANT



QUALIFICATIONS | EDUCATION

- > Master of Architecture/North Carolina State University
- > Bachelor of Architecture/University of Florida
- > 33 years in Architecture

LICENSES | CERTIFICATIONS

- > Registered Architect
- > LEED Accredited Professional, U.S. Green Building Council

PRIOR EMPLOYMENT

- > ADD INC | Senior Principal (acquired by Stantec in 2014)

\$500 Million
in commercial projects

RELEVANT EXPERTISE



Design-Build



Sustainability



Community Engagement



Multi Story

CAMBRIDGE DISCOVERY PARK

- > Mixed-use master plan for 5 buildings of office and hotel use, totaling 750,000 SF
- > LEED Gold Certified

LAFAYETTE CITY CENTER

- > 500,000 SF Mixed-use retail and office
- > LEED Certified

135 MORRISSEY BOULEVARD

- > Repositioning of a 700,000 SF building (formerly newspaper production site) as a mixed-use office/ retail building
- > LEED Certified

135 SANTILLI HIGHWAY (Stantec / Gilbane project)

- > Design Architect
- > Repositioning of a 280,000 SF multi-tenant office building
- > LEED Gold Certified

IGT (FORMERLY GTECH) CORPORATE HQ (Stantec / Gilbane project)

- > Design Architect
- > Corporate headquarters and interiors
- > LEED Certified

CVS CORPORATE HQ (Stantec / Gilbane project)

- > Master planning, building design and Interiors
- > LEED Gold Certified

ENTERPRISE CENTER (Stantec / Gilbane project)

- > Design Architect for 2 multi-tenant office buildings as part of a multi-building development
- > LEED Certified

LIFE TIME CENTER

- > Building Repositioning, 280,000 SF 1,015-space parking



Lafayette City Center



Cambridge Discovery Park



Life Time Center