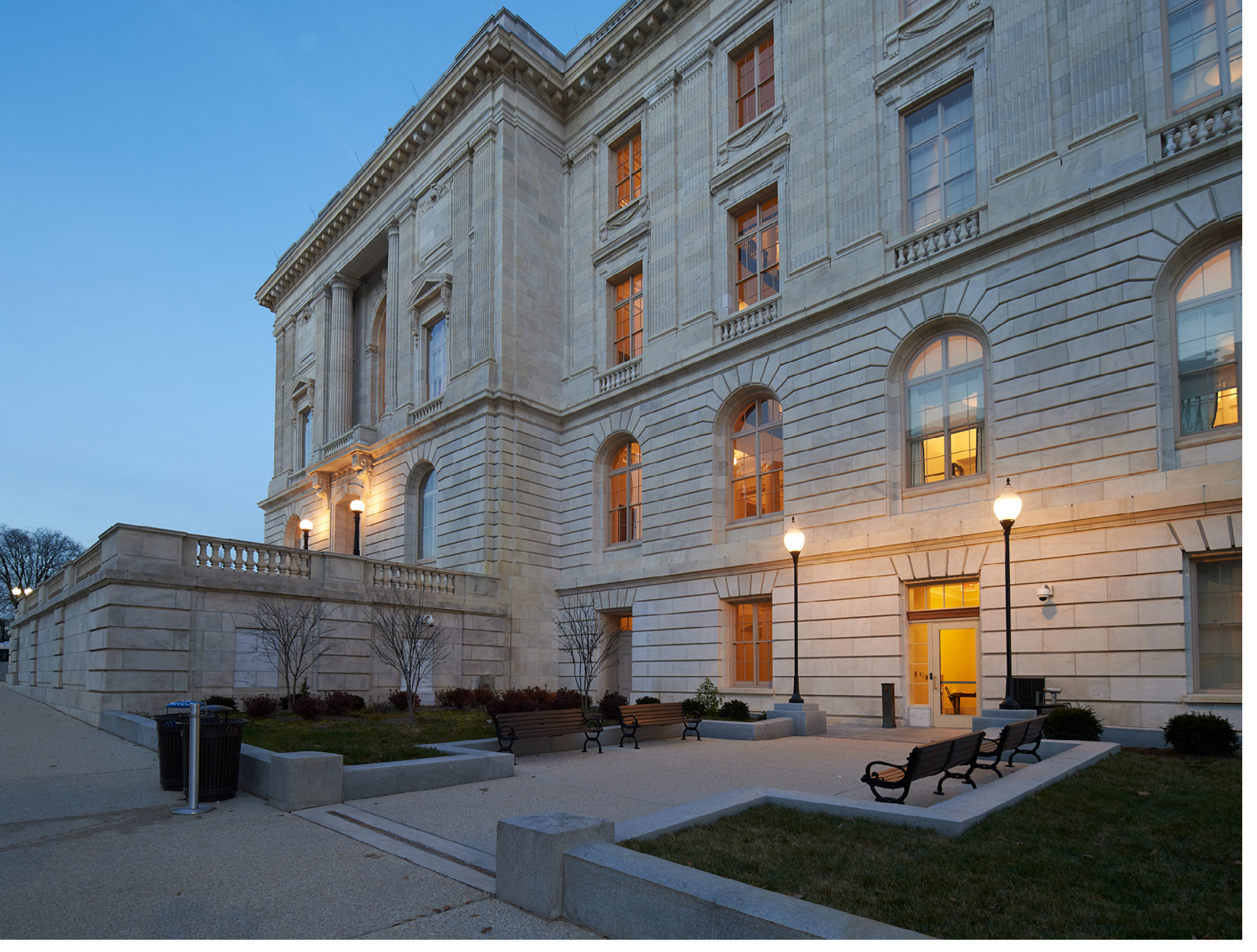
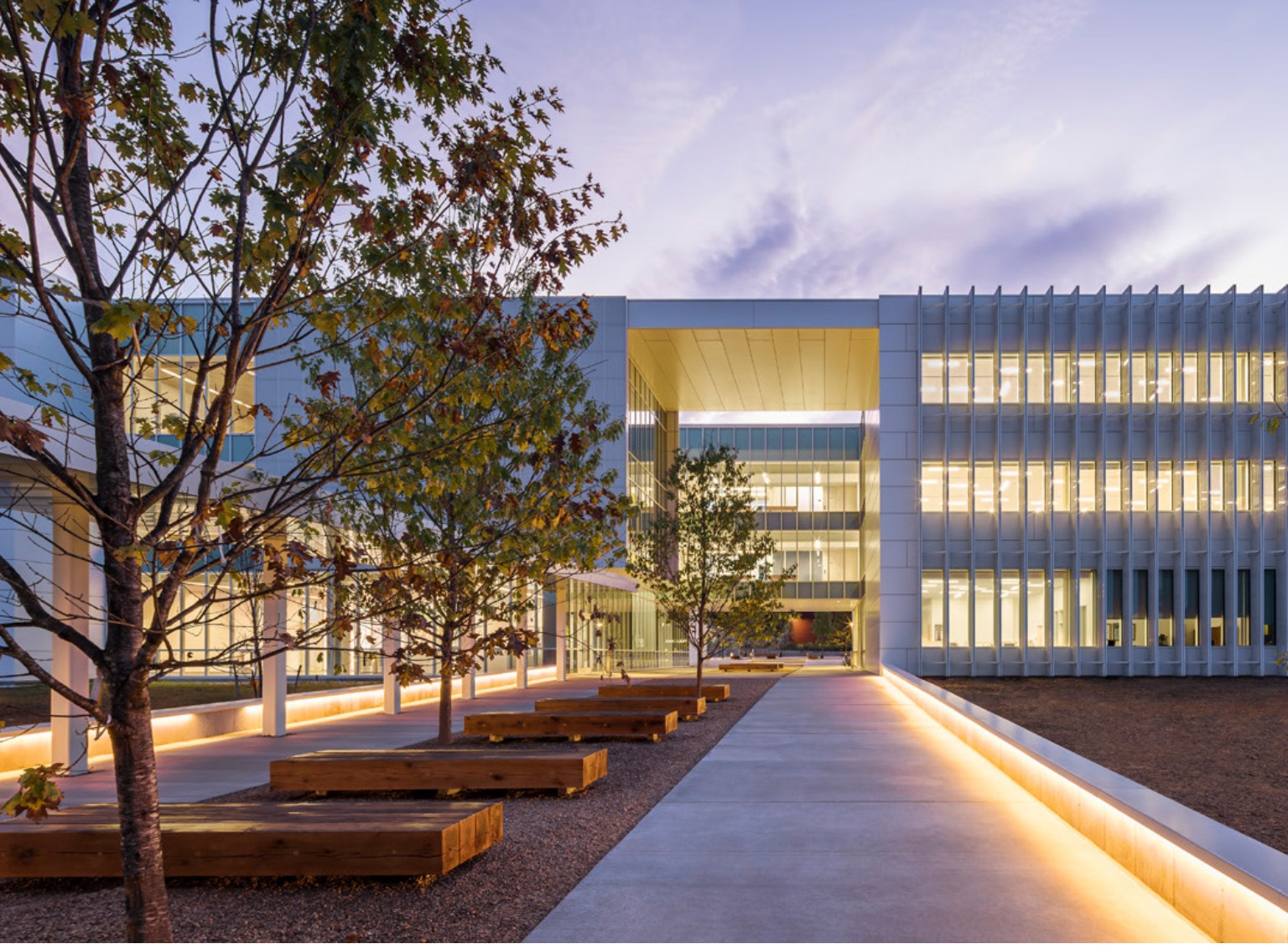


FEDERAL EXPERIENCE

Sorba ENGINEERING



SORBA PROFILE

Federal Woman Owned Small Business

20 Years of Federal Experience

21 Engineers

4 LEED Accredited Professionals

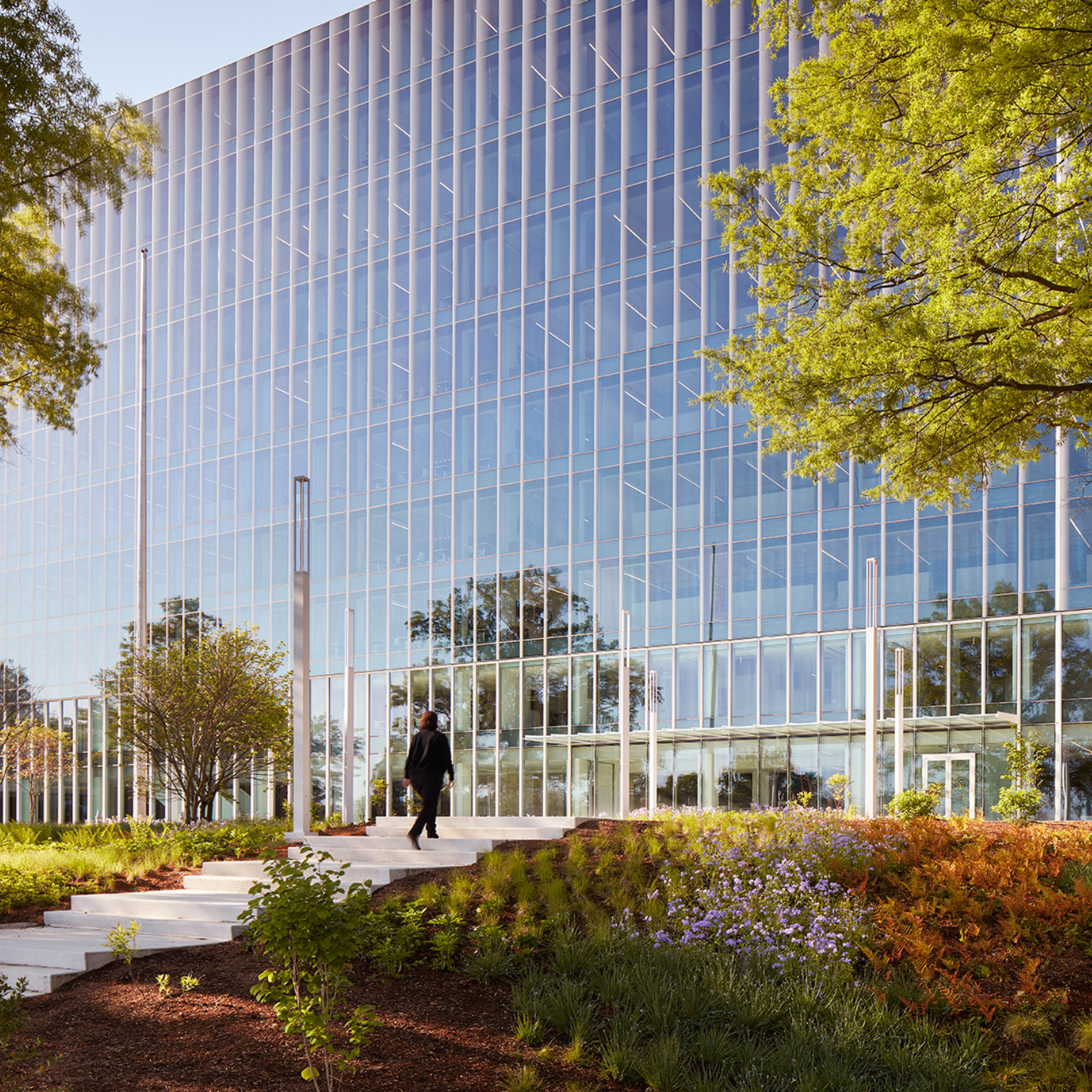
Sorba Engineering (Sorba) is a certified woman-owned small and micro business providing civil engineering services to public and private organizations across all sectors. For over a decade, the Sorba team has proudly supported its clients on projects throughout the United States and abroad.

Innovative solutions and sound technical advice are reflected in Sorba's areas of expertise. The team provides site selection, design and planning, civil engineering and infrastructure design, stormwater management and low-impact design.

There are many facets to civil engineering. Sorba prides its self in the area of site design. In addition to site design, the team is well equipped to provide full civil engineering services that include design, including grading, drainage, stormwater management, and erosion and sediment control; water, sanitary, and dry utility design; water network modeling, earthwork analysis, hydrolic and hydrology studies; roadway, parking and pedestrian and vehicular transportation improvements.

The Sorba team is experienced with the unique challenges and special requirements of development and rehabilitation projects with both historically significant and environmentally sensitive areas.

Sorba delivers streamlined solutions to complex project challenges.



Federal clients include

Architect of Capitol
Bureau of Engraving and Printing
Bureau of Overseas Building Operations
Department of State
Federal Bureau of Investigation
Federal Reserve System
General Services Administration
Internal Revenue Service
National Institutes of Health
National Park Service
Naval Facilities Engineering Systems Command
US Army Corps of Engineers
US Department of Transportation

Sorba is focused on addressing your site design and development needs.

Civil Engineering and Infrastructure

Sorba harnesses the latest technology to offer a full spectrum of civil engineering and site design solutions. Our team has addressed grading, drainage, erosion and sedimentation control, and stormwater management issues. This includes water, sewer, and dry utility routing; water network modeling, earthwork analysis, hydraulic and hydrology studies.

Sorba has established experience in roadway, parking, and pedestrian and vehicular transportation network improvements. Our team is knowledgeable of the unique requirements, and special challenges, of development and rehabilitation projects within both historically significant and environmentally sensitive areas.

Stormwater Management

Sorba appreciates the importance of stormwater management, both for the sustainability of the environment, and for the protection of our clients' assets and the public utility system. To address environmental challenges the team provides highly effective stormwater management, low-impact, sustainable and resilient design solutions while maximizing efficient use of the site. From simple drainage plans to complex stormwater network systems, we strive to find the ideal technical and cost-effective solution to deliver our clients' program expectations.

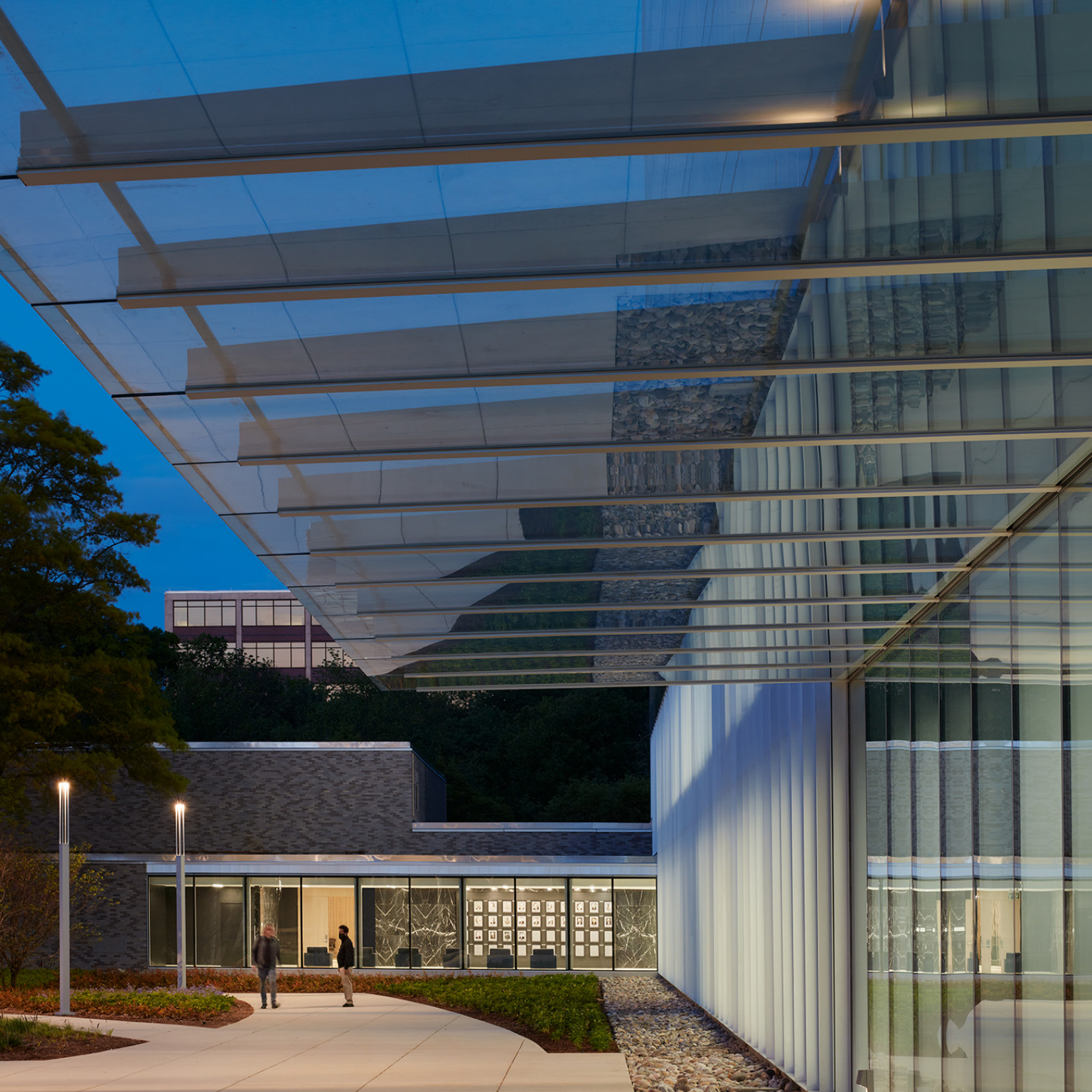
Sorba has provided stormwater management and erosion and sediment controls for projects throughout the DMV region. Having designed hundreds of stormwater quantity and quality control facilities has allowed the firm to gain expertise in all types of stormwater facilities. The team's expertise is enhanced by constant educational updates, as well as presentations by Sorba staff to regional industry associations.

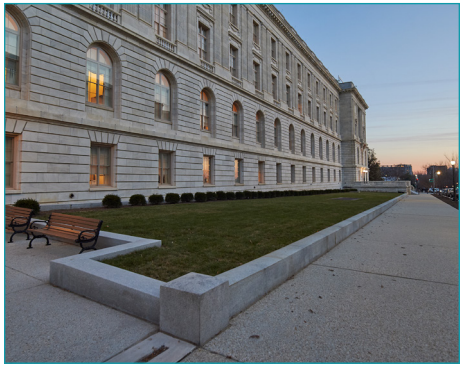
The variety of techniques utilized to address specific project requirements in urban areas include vegetated green roofs, sand filters, detention tanks, pipes, and inlets, bioretention, microbioretention, rainwater harvesting cisterns, and tree island reservoirs. In suburban and rural locations, techniques include retention (wet) and detention (dry) ponds, bioretention basins, infiltration trenches, conserved open space, and grass swales.

Low Impact Design (LID)

LID has evolved over the years and has become the standard for storm-water design. LID covers many items where the intent is to prevent the moderate storm runoff from leaving the site. The possible design approach for a project may include ground recharge through infiltration, rainwater reuse such as cisterns for irrigation, cooling tower make-up, or gray water use, and filtration such as green roofs and bio-swales. Moreover, throughout a variety of projects, Sorba has demonstrated the ability to implement LID practices in public spaces. These practices include permeable sidewalks, bioretention planters adjacent to the roadway, LID tree planters and continuous structural soil designs. Every project is evaluated to determine the LID impacts, which are practical and engineered for results.

Sorba exercises a holistic design approach to all our projects. The team incorporates high efficiency, low-impact site design solutions with a keen sense of the importance of meeting the goals of the community and developments they serve. As profes-sional consultants, we feel it is our obligation to identify to the stakeholders all potential opportunities and pitfalls early and often throughout the design development process. Sorba's approach goes beyond the nuts-and-bolts engineering of site infrastructure planning, code compliance and design. It includes a less tangible, but equally important, element such as adapt-ability and resiliency, environmental risk assessment, sustainability, historic preservation and resource allocation.





AOC Cannon House Office Building

Working on since 2010
Renovation
826,465 SF
Site, stormwater, water quality, utilities, environmental permitting, ADA
Secure site

AOC Supreme Court

Historic Renovation/modernization
400,000 SF
Renovations while occupied
Civil, site, utilities
Secure site

AOC Thurgood Marshall Federal Judiciary

Renovation and addition
1 M SF
Phased renovation over six years
Designed for LEED Gold

FRB 1951 Constitution Avenue

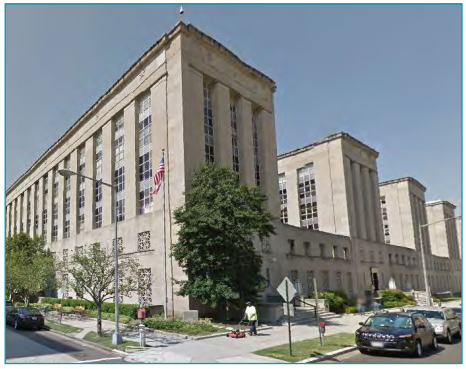
Renovation and expansion
140,000 SF
Civil engineering BOD
Addressed design issues with groundwater, utilities, site

FRB Marriner S Eccles Building

Renovation
263,000 SF
Historic preservation
Basis of design report
Site inspection, stormwater management, utilities

GSA Fort Lauderdale Federal Courthouse

New construction
252,000 SF
LEED Gold target
SITES Silver target
Civil, stormwater management, utilities



Bureau of Engraving and Printing

Historic renovation
128,341 SF
Security barrier upgrades
Design-build
Site, stormwater, utilities, traffic planning

Embassy of Australia

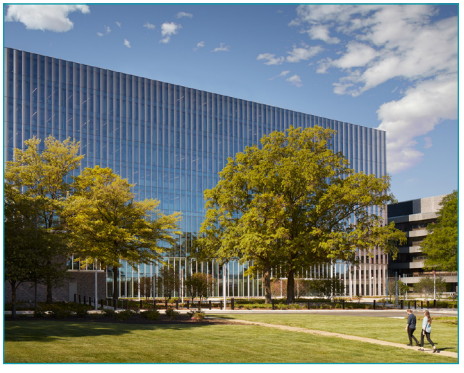
New construction
220,000 SF
Civil, survey, dry utilities
Coordinated approvals and permits
LEED Gold

FASTC

New construction
1,400 acres
15 training venues
20 buildings
Historic utility records (1940s)
Coordination with DEQ

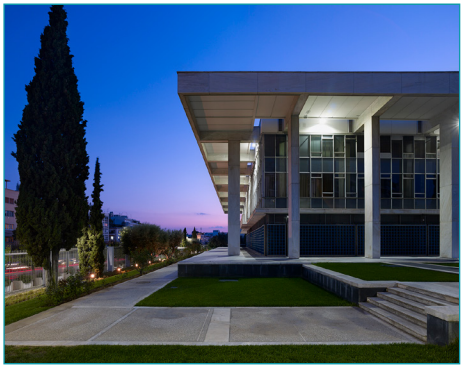
National Park Service

Nation-wide small business IDIQ
JV with structural partner
Providing services at NPS sites across the US
Team management, civil engineering, stormwater management



SSA Altmeyer Building

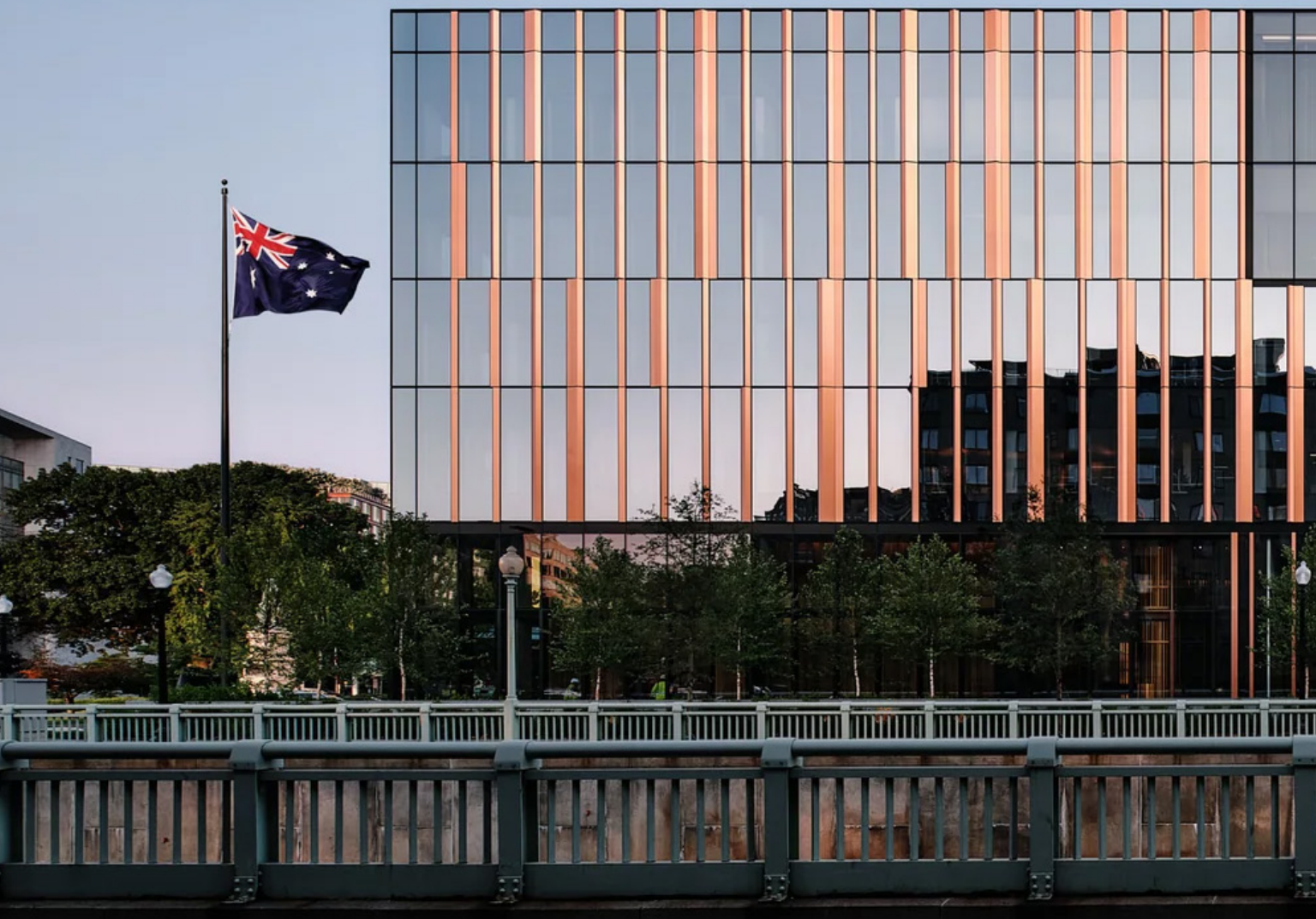
Modernization
205,540 SF
Demolition of existing structure
Memorial garden relocation
Site, stormwater, utilities
Designed for LEED Silver

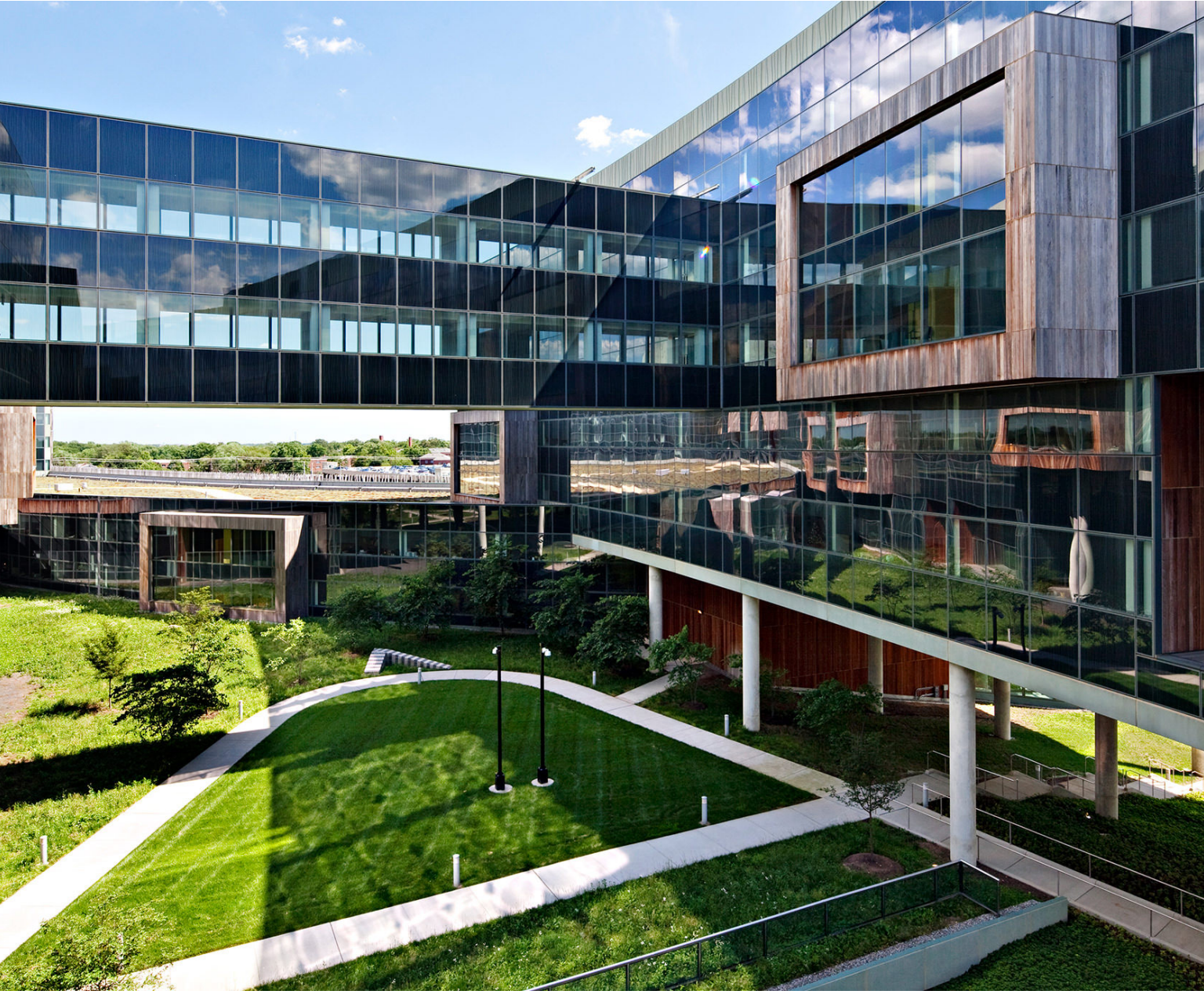


US Embassy Athens Greece

Renovation of 2 buildings
Addition to 1 building
6.4 acres
Design Excellence program
Site design, stormwater management, utility relocation

Sorba managed construction administration for the civil scope admirably and with a high degree of organization and professionalism. Their submittal reviews, site observation reports, and RFI responses are complete, thorough and solution focused.





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