

SUPERSTRUCTURE

PITCH PERFECT

Building World-Class Fields that Perform



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IN THIS ISSUE

This issue of Superstructure highlights how Clark continuously pushes the boundaries of innovation to transform the built environment. Whether we are delivering elite athletic fields, state-of-the-art educational facilities, or critical mass transit infrastructure, our approach demands a deep understanding of performance standards, site logistics, and cutting-edge technology.

At **SoFi Stadium**, our teams are executing complex modifications for the **2026 FIFA World Cup**, installing a new field and critical electrical infrastructure for LED grow lights to ensure the pitch meets exacting international standards.

Our design-assist model is also on display at the **Johns Hopkins University Bloomberg Student Center**. Featuring an intricate web of 29 overlapping mass timber roofs, the project showcases our ability to orchestrate complex, nonlinear force transfers in sustainable wood construction.

That same drive to elevate the user experience is seen at the **WMATA Bethesda Station South Mezzanine**. Fifty years after helping construct the very first WMATA stations, we are modernizing those vital arteries and expanding transit accessibility by connecting major underground thoroughfares.

We are also advancing sustainable

infrastructure for the expanding digital economy. With most data centers relying on water cooling, **Clark Water delivers turnkey solutions**. Through strategic planning and alternative water sourcing, we ensure these facilities come online faster.

Finally, as the traditional office landscape evolves, our early integration in Greater Washington is helping solve regional housing needs by **converting underutilized headquarters into vibrant residential communities**.

Beyond our projects, we remain dedicated to our communities. Through the **"District of Play"** initiative with Monumental Sports & Entertainment and our **Crafting Futures** events, we are revitalizing neighborhoods and introducing the next generation to the skilled trades.

We are incredibly proud of our people who embrace these complex challenges and adapt to new markets to build what's next.


ROBERT D. MOSER JR.
CEO

ON THE COVER: Rawlinson Stadium is a 23,000-square-foot women's soccer and lacrosse stadium, featuring a natural grass playing surface, LED scoreboard and stadium lighting, press box, multipurpose meeting rooms, concessions, and seating for nearly 2,000 fans.

Photo by: Paul Turang

LEFT: Fuse at Mason Square is a 345,000-square-foot hub for digital innovation with space dedicated to virtual reality, simulation, security, and data visualization.

Photo by: David Sundberg/Esto

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For more information, to be added to the mailing list, or to update your mailing address, contact Liz Piccolo, liz.piccolo@clarkconstruction.com



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FEATURES



Photo by: Alexander Rubalcava

Rooted in Performance

Clark builds world-class athletic fields that prove elite performance starts with the pitch.



Photos by: Laurian Ghinitoiu

A Layered Approach

A cascading village of timber pavilions defines Johns Hopkins' Bloomberg Student Center.



Photo by: Shashkin

Flowing Forward

Clark Water offers strategic turnkey solutions for data center water infrastructure.

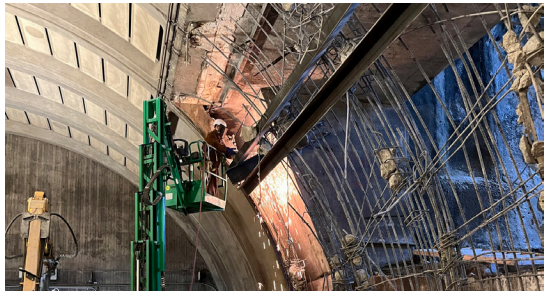


Photo by: Bruce Damonte

A Public Transit Breakthrough

Clark connects two major underground thoroughfares at the WMATA Bethesda Metro Station.



Photo by: Studio Trejo

From Cubicles to Communities

Early integration leads to successful conversions in the Washington, DC region.

DEPARTMENTS

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72 DC-Based Companies Play Critical Role at Capital One Arena

The transformation of Capital One Arena reached a pivotal milestone this past fall, setting a new benchmark for professional sports facilities. The first phase of the arena’s multi-year construction project delivered a suite of enhanced fan amenities and state-of-the-art game day spaces for the Washington Capitals and the Washington Wizards.

Central to this achievement was the participation of 72 local Certified Business Enterprises (CBEs). These DC-based businesses were instrumental in meeting the construction schedule required to unveil the new spaces in time for the 2025-2026 NHL and NBA seasons.

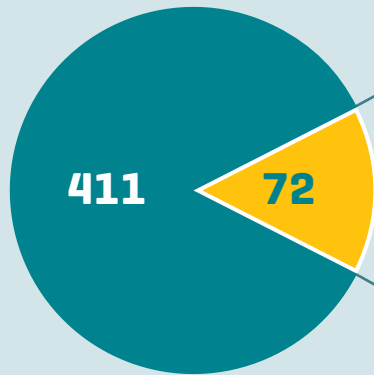
DC Mayor Muriel Bowser and Monumental Sports & Entertainment CEO Ted Leonsis toured the completed spaces alongside these CBEs, who shared insight into the craftsmanship and technical coordination needed to execute this transformation. “Our vision for a wholly re-imagined sports and entertainment destination will be ambitious, reflective of our community, and designed to ‘wow’ our most ardent supporters as well as casual fans,” said Leonsis. “We want to capture the magic that comes from providing the most entertaining experience – which every guest deserves.”

Lee DeLong, Group CEO of Clark’s Capital Group, emphasized the project’s broader impact on the District. “We’re honored to participate in the revitalization of this cultural cornerstone of Washington, DC. This work will transform Capital One Arena into a world-class facility that embodies the spirit and



DC-based First Choice Construction celebrates their contributions as part of Phase One at Capital One Arena.

CAPITAL ONE ARENA CONTRACTS AWARDED



● Total Subcontracts Awarded ● CBE Subcontracts Awarded

17.5% of Total Contracts Awarded

At 50% project completion, the value of these contracts represents 86% of the total CBE expenditure requirement for the entire project.

connectivity of this city and expand economic opportunities for local small businesses.”

The transformation of Capital One Arena serves as a blueprint for how major capital investments can double as engines of opportunity. By leveraging the arena’s evolution to bolster local enterprises, the District is building a more resilient economic ecosystem – ensuring local firms are well-positioned to support ongoing regional development. ■

Ted Leonsis and DC Mayor Muriel Bowser heard from CBE leaders during a recent tour highlighting the craftsmanship and local expertise driving the Capital One Arena Transformation.

Photos by: Imagine Photography

Flowing Forward Clark Water’s Turnkey Solutions for Data Center Infrastructure

The digital economy is expanding at an unprecedented rate, driven by cloud computing, artificial intelligence, and global connectivity. To manage the immense heat generated by these operations, between 75% and 90% of modern data centers rely on water-cooling infrastructure.

Delivering turnkey comprehensive water management systems and strategic planning, Clark Water enables developers to confidently navigate early planning, aggressive schedules, and ensure their facilities operate at peak efficiency.

REDEFINING THE MECHANICS OF DATA CENTER COOLING

In almost all data center construction and operations, water is as vital as power for the facility to function and to prevent catastrophic overheating. Clark Water manages the entire external water lifecycle for data center campuses, building complex, self-sustaining systems across four distinct phases:

- **Water Sourcing:** Water is drawn from the local municipal supply, or alternative sources like wells, reservoirs, or municipal wastewater.
- **Pre-Treatment:** Clark builds auxiliary water treatment buildings to remove impurities and prepare the water for industrial use.
- **Data Center Cooling Loop:** The treated water is pumped into the data center’s internal infrastructure – such as evaporation units or cooling towers – to absorb the massive heat generated by the processors.
- **Post-Treatment and Discharge:** Once heated, the water is expelled. In sustainable models, this water is temporarily stored, treated, and either cycled back through the system for reuse or safely discharged back into the local environment.

SUSTAINABLE SOLUTIONS

Surging demands for computing power are driving data center developers to seek sustainable alternatives to traditional municipal water. By harnessing alternative sources and advanced recycling systems, they are able to conserve local resources.

At several Clark Water data center projects, raw water is sourced from nearby wells and reservoirs – including a reservoir utilized by a local power plant – before routing it to the data center. Other facilities repurpose municipal wastewater instead. This raw water is then safely processed through dedicated treatment facilities before entering the centers’ cooling loops. **By pairing this sustainable source with closed-loop recycling systems and onsite water storage, these facilities can reduce the strain on local communities and operate self-sufficiently during critical dry periods.**

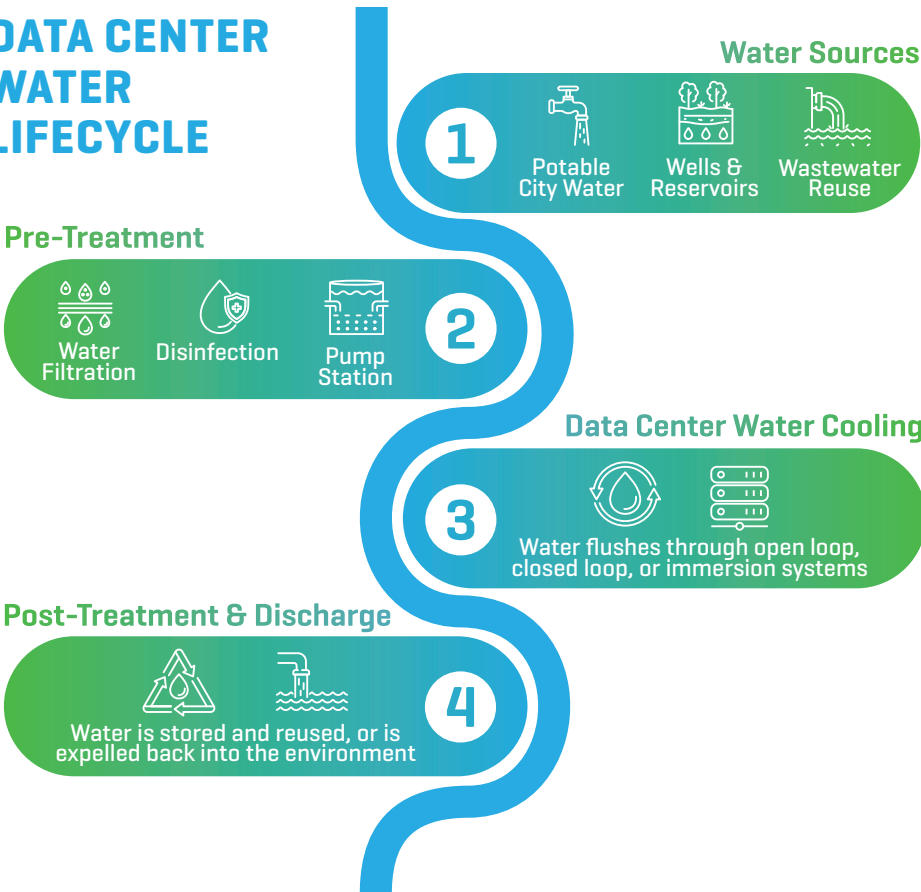
SPEED TO MARKET THROUGH EARLY INTEGRATION

To meet aggressive construction timelines, comprehensive sourcing, filtration, and

renewal strategies are key during early pre-construction to mitigate downstream delays. At a confidential data center in Virginia, **design-assist services aligned strategy for the complex water systems with the master project schedule, avoiding extensive delays in construction.** Pairing early constructability evaluations with the turnkey delivery of pump stations, multi-million-gallon reserves, and complex filtration buildings is key in delivering facilities that will effectively handle the heat load capacity for years to come.

Water infrastructure is more than a utility connection; it is a critical path to a data center’s success. By integrating comprehensive, well-engineered solutions from day one, Clark Water ensures facilities come online faster and operate at peak efficiency. ■

DATA CENTER WATER LIFECYCLE



New Contracts

Across the country and in a variety of markets, Clark Construction Group and our affiliates have recently been selected to deliver a number of new projects. Our new work includes:

INDUSTRIAL & DISTRIBUTION

OPUS Advanced Processing Facility One
Construction of a cement decarbonization plant, including material transport systems, a grinding mill, storage silos, heat reactors, pre-heat systems, coolers, and a roadway system.
Location: Joshua, Texas
Company: Clark Construction
Client: Terra CO2 Technology
Engineer: Penta Engineering
Completion: Spring 2027

SFO Cargo Building 626.1
Design and construction of a two-story, 230,000-square-foot cargo warehouse and an attached five-story, 75,000-square-foot office.
Location: San Francisco, California
Company: Clark/Clark Civil, a Joint Venture
Client: San Francisco International Airport (SFO)
Architects: SCB, HPA, and CDA
Completion: Winter 2028

F. Wayne Hill Biosolids Upgrade
Construction of a biosolids dryer building and operations building with site improvements, including paving, retaining wall replacement, and removal of the chemical solids thickener and other existing structures.
Location: Buford, Georgia
Company: Clark Water/Reeves Young, a Joint Venture
Client: Gwinnett County
Engineer: Jacobs
Completion: Summer 2028

Otay Mesa East Land Port of Entry
Construction of a new US-Mexico port of entry with dynamic tolling, inspection facilities, and an administration headhouse.
Location: Otay Mesa, California
Company: Atkinson/Clark, a Joint Venture
Client: San Diego Association of Governments
Architects: WSP, HDR, and TSK
Completion: Winter 2028



Rendering courtesy of Gensler

MASS TRANSIT

Grosvenor-Strathmore Platform and Aerial Structure Rehabilitation
Platform and aerial structure repairs, including structural slab reinforcement, waterproofing, masonry, and edge light installation.
Location: Rockville, Maryland
Company: Clark Civil
Client: Washington Metro Area Transit Authority
Architect: EXP
Completion: Winter 2026

Stride Bus Rapid Transit BT307 Kenmore Bothell
Improvements to the S3 line, including construction of 14 total station platforms with associated paving, landscaping restoration, relocation of existing utilities, and improvements to stormwater management systems.
Location: King County, Washington
Company: Atkinson
Client: Sound Transit
Completion: Winter 2028

SamTrans Battery Electric Bus Phase 1 Charging Infrastructure
Demolition, grading, and repaving of a 240,000-square-foot active bus storage and maintenance yard, plus installation of underground utilities and charging system.
Location: San Carlos, California
Company: Clark Civil
Client: San Mateo County Transit District
Construction Manager: Jacobs
Completion: Fall 2027



Rendering courtesy of Stantec

SPORTS & ENTERTAINMENT

LA Sparks Practice Facility
Construction of a two-story, 60,000-square-foot sports facility with business and coaching offices, development spaces, two basketball courts, locker room, wellness spaces, weight rooms, and training areas.
Location: El Segundo, California
Company: Clark Construction
Client: Los Angeles Sparks
Architect: Gensler
Completion: Summer 2027

EDUCATION

UMD Health and Human Sciences Complex
Fit-out of a three-story, 169,000-square-foot structure, including classrooms, instructional and research labs, offices, conference rooms, a lounge, meeting spaces, and building support, plus a partial fit-out of a second building.
Location: College Park, Maryland
Company: Clark Construction
Client: University of Maryland [UMD]
Architect: Stantec
Completion: Spring 2028

WKU Cherry Hall Renovation
105,000-square-foot renovation, including phased interior demolition, façade preservation, structural improvements, enlarged classrooms and an updated atrium.
Location: Bowling Green, Kentucky
Company: Clark Construction
Client: Western Kentucky University [WKU]
Architects: Champlin | EOP and Gensler
Completion: Summer 2027

RESIDENTIAL & MIXED-USE

5001 Eisenhower Avenue
Office-to-residential conversion to include 10 floors with 377 apartment units, three levels of parking, public amenities, exterior and utility improvements, and adjacent underground infrastructure.
Location: Alexandria, Virginia
Company: CFP
Client: Stonebridge
Architects: Lessard Design and Land Design
Completion: Spring 2027

2100 Crystal Drive
Conversion of an office building into a 265,000-square-foot, 12-story hotel, including structural demolition and modifications, extensive façade enhancements, elevator modernization, and new heat pump systems.
Location: Arlington, Virginia
Company: Clark Construction
Client: Calco Hospitality
Architect: //3877
Completion: Fall 2027

DATA CENTERS

RN02
Construction of a two-story, 90,000-square-foot data center with 4.4 megawatts of initial critical load capacity and 6 megawatts of future capacity.
Location: Reno, Nevada
Company: Clark Construction
Client: Centra Digital
Architect: AHS Architects
Completion: Fall 2026



Rendering courtesy of Champlin | EOP and Gensler

ROOTED IN PERFORMANCE

CRAFTING WORLD-CLASS ATHLETIC FIELDS

Delivering elite athletic fields requires more than laying sod or installing turf; it demands a deep understanding of performance standards, site logistics, and sport-specific needs. From synthetic turf systems to natural grass and hybrid installations, Clark delivers fields that meet the performance requirements of collegiate and professional teams alike, ensuring each field performs at the highest level.

MEETING THE GAME'S DEMANDS

Building a high-performance field starts with defining its purpose. The needs of a baseball practice field differ greatly from those of a FIFA-certified soccer pitch. Governing bodies and institutions often set detailed standards, such as surface firmness, shock absorption, and drainage performance, that guide product selection and installation methods.

At SoFi Stadium in Inglewood, California, Clark is performing modifications to prepare for the 2026 FIFA World Cup. The success of this project rests in the ability to deliver to the exacting standards of FIFA, which provides detailed guidance on field layout and safety testing, including specific pitch dimensions and rigorous post-construction evaluations. These tests verify consistency across athlete-to-surface and ball-to-surface interactions.

For synthetic turf installations, like the one currently underway at the **University of Southern California (USC) Bloom Football Performance Center**, GMAX testing – a method for assessing shock attenuation performance – is critical to ensure safe levels of impact absorption and reduce the risk of player injury. Even for natural grass fields, like those being delivered at the **USC Athletics West Baseball Complex and Rawlinson Stadium**, surface hardness must be evaluated meticulously to support both safe footing and consistent ball movement.

The construction approach varies based on the field's sporting use, site conditions, and intended lifespan. Indoor-outdoor venues like SoFi Stadium that have a canopy roof, require artificial grow lighting systems due to limited natural sunlight, while outdoor fields can rely more on natural elements but may also face challenges with weather, site utilities, and long-term maintenance planning. Beyond the physical setting, adjustments are made based on the flexibility required by sports programming. With a temporary configuration, like SoFi Stadium's adaptable configuration for an event such as the World Cup, planning must account for building a substrate on top of the stadium's existing surface, and the complex logistics of working within the stadium bowl between major events such as concerts and other professional sports games.

The Clark team installed electrical infrastructure for nine SGL LED grow lights to stimulate photosynthesis, supporting healthy grass growth and recovery between test matches ahead of the 2026 FIFA World Cup.

Photo by: Alexander Rubalcava



Left: Crews install the sod at SoFi Stadium, which was grown nearly a year in advance at a sod farm in Washington.

Below: At SoFi Stadium, irrigation lines are tested on the field's root zone layer, a sand-based mix that provides drainage, stability, and nutrient support for the sod.

Photos by: Alexander Rubalcava

BEYOND A SURFACE-LEVEL UNDERSTANDING

The combination of specialized systems at and below a playing field's surface lays the groundwork for peak performance. Drainage, subgrade, and sod or turf systems are customized according to the sport and surface type.

Most natural grass fields start with a laser-graded subgrade, followed by a four-inch gravel layer placed above subsurface drainage. This is topped by an eight- to twelve-inch root zone layer, typically a sand-based mix that provides drainage, stability, and nutrient support. The range in root zone thickness depends on factors such as budget, sod thickness, and whether the installation is temporary or permanent.

Quality sod is a cornerstone of natural grass field performance. Sod must be mature, structurally stable, and tailored to the intended sport and environment. **Clark teams routinely coordinate with sod farms up to one year in advance, conducting multiple site visits to verify rooting strength, thickness, uniformity, and density.** For the SoFi Stadium project, the grass was grown nearly a year ahead of its installation at a farm in eastern Washington State. This level of quality control ensures a reliable surface from the day of installation, particularly in high-stakes environments like enclosed stadiums where lighting conditions may hinder turf development.

Synthetic turf systems require a different but equally meticulous approach. These fields often include a layered stone base, a shock-absorbing pad, and finally, the rubber and sand turf infill. At the USC Bloom Football Performance Center, a shock pad layer also acts as a drainage board to optimize impact absorption in alignment with GMAX safety standards.

TECHNOLOGY ON THE FIELD

Technology also plays a critical role enhancing field performance. Current tools range from soil moisture sensors and programmable irrigation systems to drone-assisted fertilization on sod farms. For shaded or indoor environments, grow lights



Left: The synthetic turf field at the USC Bloom Football Performance Center was fully constructed in under three months and in time for the 2024 football practice season.

Photo by: Alexander Rubalcava

Below: The newly delivered USC Rawlinson Stadium features a natural grass surface and dirt field with Tahoma 31 Bermudagrass, which is considered the finest on the market.

Photo by: Paul Turang

replicate the necessary UV exposure for healthy turf growth. In some cases, turf is grown off-site under controlled conditions with drone-assisted fertilization methods to meet specific maturity timelines, as seen with the FIFA-modified surface at SoFi Stadium.

On the USC Rawlinson Stadium project, the team used sod grown on plastic to promote lateral root growth, allowing the root to integrate into the soil more quickly and reducing the planting period. Furthermore, on the USC Athletics West Baseball Complex project, the team utilized simple but effective moisture retention strategies through a blanket system to accelerate turf establishment and reduce growth time by nearly half. **This combination of traditional field care methods and modern technology enables Clark to meet demanding schedules while maintaining high quality.**

Delivering elite athletic fields is a sophisticated endeavor, demanding a holistic approach that extends far beyond the visible playing surface. As demonstrated by projects like those at USC and SoFi Stadium, the success of these fields hinges on meticulous planning, adherence to rigorous performance standards, and the strategic integration of advanced technology. Clark's expertise in managing every detail – from the subsurface drainage and root zones to the selection of specialized sod or synthetic turf and the implementation of cutting-edge tech like grow lights and moisture retention systems – ensures that every field not only meets but exceeds the exacting demands of collegiate and professional sports, providing a foundation for peak athletic performance. ■



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State-of-the-Art Athletic Fields

SOFI STADIUM FIFA WORLD CUP MODIFICATIONS

Client: Hollywood Park
Designer: HKS
Scope: Installation of irrigation, drainage systems, and new field surface, transformation of stadium seating into removable platforms, and modification of the field-level suites.

USC ATHLETICS WEST BASEBALL COMPLEX

Client: University of Southern California
Designer: Populous
Scope: Construction of a 1,700-seat ballpark with associated amenities, a team clubhouse featuring comprehensive support areas for coaches and players, and a field maintenance building.

USC BLOOM FOOTBALL PERFORMANCE CENTER

Client: University of Southern California
Designer: HNTB
Scope: Construction of a 90,000-square-foot practice field and a 165,000-square-foot football performance facility that will include training and recovery spaces, strategy meeting rooms, player development areas, and a rooftop terrace.

USC RAWLINSON STADIUM

Client: University of Southern California
Designer: Crawford Architects
Scope: Construction of a 23,000-square-foot, 1,700-seat soccer and lacrosse stadium featuring a natural grass field, LED scoreboard, stadium lighting, a press box, and a pavilion building with a spectator rooftop viewing deck and locker rooms.

BREAKTHROUGH



at the Bethesda Metro Station

Clark's expertise in mass transit began in 1975 with the construction of the Judiciary Square and Gallery Place Stations – the birthplace of the Washington Metropolitan Area Transit Authority (WMATA) stations' signature coffered panels. Fifty years later, Clark continues to modernize and maintain the vital infrastructure that moves greater Washington, most recently at the Bethesda Station South Mezzanine project.

The new mezzanine will connect the existing WMATA Metro Bethesda Station to the Maryland Transit Administration's (MTA) new Purple Line light rail through an underground bridge, expanding accessibility to two major public transportation providers for residents. To make way for the bridge, the Clark Civil team cleared 148,000 pounds of concrete to expose a tunnel that had remained sealed for five decades. **Crucially, this complex demolition also needed to be completed within a tight 44-hour weekend shut-down,** known as a rail service adjustment, to be ready to re-open in full-functioning capacity by 5:00 a.m. Monday.

During demolition, crews had to be mindful of the surrounding panels from the station's initial construction in the 1970s. **With only a few inches of tolerance, the team leveraged a remote-controlled robot to precisely and carefully demolish specific areas without jeopardizing the integrity of**



the adjacent panels. This technology proved essential when removing the bottom four feet of obstructed concrete, which was wedged between the safety crash deck and the historic infrastructure nestled behind the panels.

Despite the challenging time and preservation constraints, crews finished safely and successfully, welcoming passengers back on time for the Monday morning commute. Now, the team prepares for steel erection for the connecting passenger bridge, which will be erected in July. The new South Mezzanine is expected to be completed in May 2027. ■

Above and below: Crews demo the original concrete "horseshollar" walls to link the Washington Metropolitan Area Transit Authority station with the Maryland Transit Authority's future Purple Line.



To watch a timelapse of the weekend operation scan the QR code.



CUBICLES TO COMMUNITIES

Across the Washington, DC metropolitan area, the traditional office landscape is undergoing a profound transformation. From historic Dupont Circle to the Alexandria waterfront, Clark is breathing new life into underutilized assets, converting yesterday's headquarters into today's vibrant communities. With the most successful conversions integrating the contractor early, design and strategy optimization can protect costs and streamline schedules before construction starts.



Photo by: Studio Trejo

the existing atrium, they built an interior courtyard that brings essential natural light to the inside-facing units.

5001 EISENHOWER AVENUE

At 5001 Eisenhower Avenue in Alexandria, Virginia, the team utilized BIM and 3D scanning on the 600,000-square-foot office building to establish MEP contingencies. **This early planning will accelerate the delivery of 377 affordable housing units,** alongside new site amenities including a bike path and bus stop.



Rendering courtesy of Torti Gallas & Partners



Rendering courtesy of Lessard Design, Inc.

TIDELOCK

At Tidelock in Alexandria, Virginia – a redevelopment converting three office buildings into two residential towers and retail – Clark was engaged early to manage the expansion's structural demands. To support the addition of five new floors, **the team executed complex excavation and precise micropile installation, creating enlarged footings capable of handling the increased structural load.**

ACCOLADE

A primary challenge of office-to-residential conversions is deep floor plates, which can create unnaturally long, dark units. At Accolade in Washington, DC, CFP's preconstruction team worked alongside the owner, designers, and trade partners to develop a solution. Through phased demolition of



Rendering courtesy of Eric Colbert & Associates

AVIATOR HOUSE

For the Aviator House office-to-residential conversion in Washington, DC, Clark DC leveraged early preconstruction collaboration with the design team to maximize living space. By engineering a custom washer-dryer solution that incorporates the hot water heater into the same footprint, **the team successfully reclaimed nine square feet per unit that would have otherwise been lost to separate mechanical closets.**

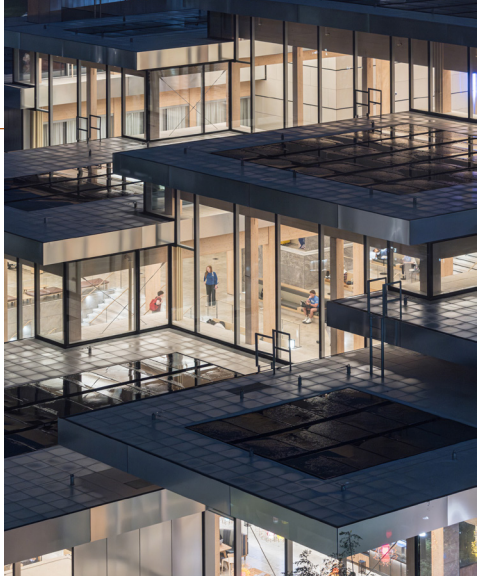
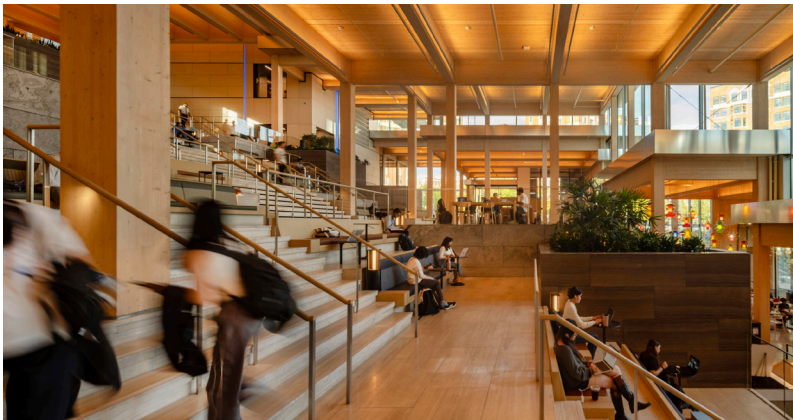
By integrating Clark early in the project lifecycle, our clients gain a strategic partner capable of mitigating structural risk, reclaiming usable square footage, and neutralizing the schedule threats inherent to conversion work. ■

Top Left: The Bloomberg Student Center serves as the center of student life at Johns Hopkins University in Baltimore.

Photo by: Nic Lehoux

Top and Center Right: A complex assembly of 29 overlapping mass timber roofs creates the distinct “village” structure of the new Bloomberg Center.

Photos by: Laurian Ghinitoiu



29 ROOFS 1 VILLAGE

*Orchestrating the Mass Timber
Complex at Johns Hopkins University
Bloomberg Student Center*

Designed by Bjarke Ingels Group and Shepley Bulfinch as a village of timber pavilions for Johns Hopkins University, the new Bloomberg Student Center is more than a gathering place; it is a feat of structural synchronization. To execute the project’s complex geometry, Clark unified trade partners, design teams, and the client into a cohesive unit, ensuring every custom detail was achieved with precision.

THE STRUCTURAL MATRIX

Defined by a system of 29 overlapping roofs, this structure relies on complex interdependence rather than the standard anchoring typical in steel or concrete construction. The result is a web of nonlinear force transfers: a load applied to one section propagates to distant parts of the structure. Success required meticulous coordination to map these loads. **By engaging Clark’s design management team for rigorous constructability reviews, the project team ensured every concealed connection could withstand these intense forces while preserving the intended architecture.**

Above: Exposed wood columns and ceilings are connected by an expansive glazed façade that floods the interior with daylight from all sides and offers passersby views of the flexible student spaces within.

Right: The diverse spaces within the new student center include dining, lounging, studying, performance spaces, and more.

Photos by: Nic Lehoux



PROACTIVE MEP INTEGRATION

With an exposed timber design that left no room for error, MEP coordination had to be flawless. Initial clash detection identified nearly 40,000 conflicts within the building’s complex geometry. To preserve the wood’s aesthetic, all penetrations were shop-cut with millimeter precision before being transported for installation. This high-stakes workflow – coordinate, fabricate, install – demanded absolute accuracy at every stage.

TIMBER: A LIVING, BREATHING MATERIAL

Wood is a porous, hygroscopic material that “breathes” with the weather, shrinking and expanding with changes in temperature and humidity. As such, marrying the mass timber structure with the steel and glass façade was a technically intricate aspect of the envelope. To maintain the façade’s future integrity, the team developed a robust waterproofing strategy with structural engineer StructureCraft. Each individual wood lamination was sealed twice for redundancy via a hidden system of air and vapor barriers. This solution provided the necessary security to ensure that no matter how the wood reacted to conditions, the building envelope remained completely sealed.

SPECIALIZED SOLUTIONS

Relentless geometric complexity and exposed timber design compelled the team to develop construction methodologies in real time. From engineering bespoke steel outriggers for complex cantilevers to piloting new acoustic materials for the great halls, and ensuring each wooden plug and cover plate was custom milled to match the wood grain surrounding it, every challenge required a novel solution. In addition, the project team developed a specialized handling curriculum, granting privileges only to certified personnel trained to preserve the wood’s pristine condition.

Just as the structure relies on interconnected load paths, a successful delivery relies on a unified team vision. **As one of the largest mass timber operations on the East Coast, the Bloomberg Student Center stands as a testament to the design-assist model.** It creates a new center of gravity for the campus, providing a space for collaboration that mirrors the partnership required to build it. ■

Above: Designed to foster a sense of belonging, the center utilizes the natural warmth of mass timber and ample natural light to create an inviting hub for student life.

Building Community in the District

Beyond delivering world-class infrastructure, Clark is dedicated to serving as a catalyst for good by fostering economic growth, workforce development, and urban resiliency.

DISTRICT OF PLAY

Clark is honored to partner with Monumental Sports & Entertainment's (MSE) in support of their "District of Play" initiative, which aims to revitalize community assets in our nation's capital by providing safe play spaces, essential equipment, and engagement opportunities for Washington, DC residents.



Photo courtesy of DC Department of Parks and Recreation



Photo by: Jess Rapfogel

WATKINS RINK RUSH HOCKEY RENOVATION

Last fall, Clark helped deliver a new hockey rink for the Watkins Recreation Center, which included a fresh concrete foundation, base mats, sideboards, and custom artwork. Crews joined MSE and former Capitals winger Devante Smith-Pelly in a ribbon cutting celebration and youth hockey clinic.

MARVIN GAYE & BARRY FARM RECREATION CENTERS

At the Marvin Gaye Recreation Center and Barry Farm Recreation Center, Clark resurfaced the basketball courts, installed new equipment, and unveiled custom artwork for the revitalized community courts.

CLARK TEAMS NATIONWIDE GIVE BACK THROUGH A WEEK OF SERVICE

Our commitment to giving back is not just a core value – it's at the heart of what makes our teams special. Across the country, our teams joined together with clients and project partners in January during our annual MLK Week of Service to contribute time, skills, and resources, upholding our mission to build

what matters together. Here are just a few of the ways our teams gave back: In Charlotte, North Carolina, teams partnered with **Second Harvest Food Bank of Metrolina** to pack donated products for homeless shelters, emergency pantries, and soup kitchens. They also restocked the

Classroom Central Store, helping provide free school supplies to educators in over 225 schools across the Charlotte region. The McLean office turned teamwork into a high-energy competition for a great cause! In just one hour, more than 250 of our dedicated team members joined forces to pack 40,000 meals for the

Capital Area Food Bank. Teams in Atlanta prepared more than 18,000 pounds of food, equating to more than 16,000 meals, in partnership with the **Atlanta Community Food Bank**. A second team assembled 400 sandwiches for immediate local delivery with **The Sandwich Project**.



CRAFTING FUTURES

Skilled Trades Expo Connects Next Generation of Talent to High-Demand Career Paths in Construction

Photo by: Sophia Price Photography

In December, Clark hosted its third **Crafting Futures** in partnership with **Monumental Sports & Entertainment (MSE)**, a skilled trades event showcasing in-demand construction careers, including masonry, welding, plumbing, electrical, and more. **Four months later in April 2026, Clark hosted the fourth Crafting Futures with the Washington Commanders** at Northwest Stadium, expanding attendance and reinforcing the demand for skilled professionals.

Over the next decade, 2.6 million skilled workers (more than 30% of the current workforce) are

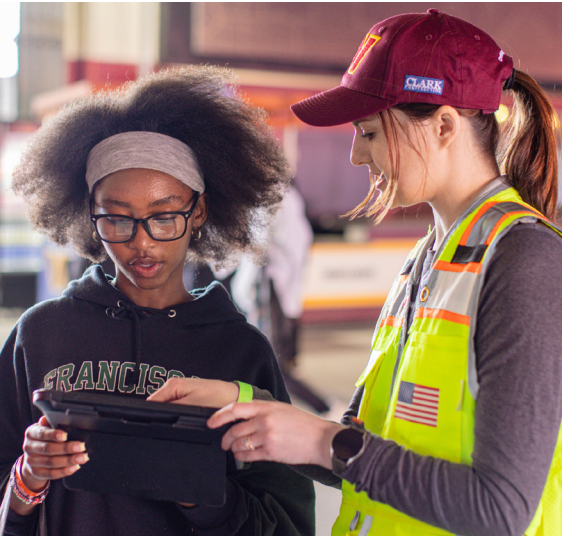


Photo by: Annan Productions



Photos by: Annan Productions

featuring 30 local employers and an Opportunity Zone with nearly 20 different education, industry, and youth-focused programs. With both venues creating one-of-a-kind experiences, students participated in hands-on trade workshops and received behind-the-scenes tours of Capital One Arena, and engaged in specialty activities, including a heavy equipment showcase, safety demonstration, and punchlist challenge at Northwest Stadium. ■

set to retire, leaving a projected shortfall of 7.7 million skilled professionals.

Designed as a bridge between the classroom and the jobsite, Crafting Futures connects career counselors, STEM teachers, technical education advisors, and parents with the tools and resources to guide students seeking alternatives to a four-year degree.

Together, these events welcomed more than 1,000 students, parents, and educators from across the DC region. Attendees explored a Skilled Trades Expo



Photo by: Kea Taylor/Imagine Photography

Top: Students 'walk the beam' alongside iron workers at Northwest Stadium.

Middle: Attendees learn about innovative technology in the skilled trades, and Maryland Congressman Glenn Ivey and Clark Infrastructure COO Kris Manning give remarks at Northwest Stadium.

Bottom: Students try their hand at sheet metal working and framing at Capital One Arena.

Milestones

Our project teams across the country recently reached some exciting milestones:

UNDERWAY

McCain Library and Museum
Tempe, Arizona

In January, officials broke ground on the 80,000-square-foot McCain Library and Museum at Arizona State University. Scheduled to open in 2028, the facility will serve as a civic commons and educational center focused on leadership and public service.

UC Berkeley Bancroft Fulton Student Housing
Berkeley, California

Clark broke ground on the University of California, Berkeley [UC Berkeley] student housing project in January. This 23-story tower and 10-story wing will add over 1,000 beds for first-year undergraduate students, along with dining, fitness, and study spaces. The team is set to deliver the project in summer 2028.

Mary Washington Healthcare Conference Center
Fredericksburg, Virginia

In January, the Mary Washington Healthcare Conference Center officially topped out. The 39,000-square-foot facility is on track to become a primary regional hub for medical innovation and education.

Photo by O'Shea Tometti



3200 West Moore Street
Richmond, Virginia

In March, construction started at 3200 West Moore Street, a six-level, mixed-use development spanning an entire city block. The project will deliver 367 premium apartments and 17,000 square feet of retail space anchored by a 437-space parking podium in 2027.

Western State Hospital New Forensic Hospital
Lakewood, Washington

In February, Clark topped out the 57,000-square-foot mass timber administration building in Lakewood, Washington. The team continues to work on the sprawling hospital structure situated next to the administration building. The team is set to deliver the project in 2028.

P-158 Bachelor Enlisted Quarters and Support Facility, Marine Barracks
Washington, DC

Clark joined military officials to break ground on the eight-story facility in November, which will feature 125 rooms with en-suite bathrooms and amenities including a fitness center, administrative offices, laundry facilities, lounges, housekeeping areas, and public restrooms. The team is slated to deliver to the client in 2028.

University of Kansas Gateway District, Phase 2
Lawrence, Kansas

In December, Clark began demolition of the David Booth Kansas Memorial Stadium east grandstands to kick off the second phase of the Gateway District redevelopment with Edgemoor. The project, which will be ready by the 2027 football season, includes a 650-space below-grade parking garage and a public plaza.



Inova Alexandria Hospital
Alexandria, Virginia

The Clark Concrete team at Inova Alexandria Hospital completed the campus's structural phase by topping out the hospital building in March. As the fourth and largest of the project, this 663,000-square-foot structure required 65,000 cubic yards of concrete, 5,650 tons of rebar, and 411,000 linear feet of post-tension cables.

COMPLETE

City of Refuge
Atlanta, Georgia

In January, Clark celebrated the official ribbon cutting of the City of Refuge Transformation Center, marking the grand opening of a 37,000-square-foot community hub. Local leaders and residents gathered to inaugurate the new space, which now provides essential access to affordable housing, healthcare, a credit union, and a fresh food market.

BWI Concourse A/B Connector and Baggage Handling System
Baltimore, Maryland

In March, Clark completed the Baltimore/Washington International Thurgood Marshall Airport [BWI] A/B Connector and Baggage Handling System. This project delivers an expanded A/B facility, a new substation, restrooms, five passenger boarding bridges, and baggage handling infrastructure for Southwest Airlines.

Spotsylvania Wastewater Improvements
Spotsylvania County, Virginia

Shirley Contracting recently reached final completion in January on the county's wastewater consolidation and conveyance improvements. The team installed 20,000 linear feet of force mains and 13 jack-and-bores to enhance regional infrastructure.

Amtrak Frederick Douglass Tunnel Inverted Utility Siphon
Baltimore, Maryland

In March, after 72 blasts and nine months of work, the Atkinson and Clark Foundations teams completed two 85-foot-deep shafts and a 350-foot tunnel beneath the active Northeast Corridor without a single disruption to rail service.

I-495 Express Lanes Northern Extension
Northern Virginia

Shirley Contracting opened its section of the I-495 Express Lanes Northern Extension in March. The work included one mile of roadway construction, the replacement of three bridges, and the construction of four new bridges.



Photo by: Ray Cavicchio



PROJECTS RECEIVE INDUSTRY HONORS NATIONWIDE

Several industry organizations have recently recognized Clark projects nationwide with awards:

NAIOP DC | MD AWARDS OF EXCELLENCE

The National Association for Commercial Real Estate Development DC and Maryland Chapter (NAIOP DC | MD) recognizes exceptional real estate achievements with its Awards of Excellence.

National Air and Space Museum Revitalization
Best Institutional Facility

CISCO PROJECT OF THE YEAR AWARDS

The Construction Industry Service Corporation (CISCO) Project of the Year Awards honor top-quality construction projects throughout Chicago and surrounding areas.

Elgin Mental Health Center Replacement Power Plant
Project of the Year, New Construction, Suburbs (Above \$20M)

ABC CENTRAL VIRGINIA EXCELLENCE IN CONSTRUCTION AWARDS

The Excellence in Construction Awards celebrate the most outstanding projects built by Associated Builders and Contractors (ABC) Central Virginia members.

Louisa Greenhouse Development
Award of Excellence, General Specialty Construction



Photo by: Brad Feinknopf



Photo by: QPH Photo



Photo by: PerkinsWill Photographer Anton Grassl



AGC BUILD SAN DIEGO AWARDS

The Associated General Contractors (AGC) Build San Diego Awards recognize contractors for excellence in project management and innovation on the region's most challenging builds.

University of California, San Diego Pepper Canyon West Living and Learning Neighborhood
Award for Excellence in Building Construction, Public Work

NAIOP NORTHERN VIRGINIA AWARDS OF EXCELLENCE

National Association for Commercial Real Estate Development (NAIOP) Northern Virginia recognizes exceptional real estate achievements with its Awards of Excellence.

The Oak at West Falls
Award of Excellence, Mixed-Use Project

George Mason University Fuse at Mason Square
Award of Excellence, Build-to-Suit

North Potomac Yard Pumping Station
Award of Excellence, Community Enrichment

BUILDERS AT HEART WITH Winston van Keulen

In the Builders at Heart series, we highlight the passions and backgrounds of the Clark team, the things that shape us, that allow us to tackle challenges head-on, solve complex problems, and build what matters. We recently sat down with Winston van Keulen to learn about his career and the importance of relationships in the industry.

Tell us about your background.

I found my way to Clark through a career fair that led to an internship at Atkinson Construction the summer before I graduated college. Originally, I wanted to go into structural engineering, which was my major, and work on the design side. After that internship, I realized how much more fun, involved, and active the construction management side is.

What project are you currently working on?

I'm currently at the County of San Diego Psychiatric Health Unit Renovation project, which is taking part of an existing facility owned by the County of San Diego and renovating it for expanded behavioral health care. It has a big impact because this expands the county's ability to take care of more people who wouldn't be able to get the care, and provide a safe space in a typical hospital. These are specialized facilities designed and constructed to prevent harm and keep patients safe.

What do you like most about working at Clark?

No two days have ever been the same, which is why I still love it and want to work here. On top of that, I've had a lot of good mentors throughout the years. I've worked in five different regions now – Los Angeles, Central California, Seattle, San Diego, and Phoenix – and I've



"Hard work can make up for inexperience. When you don't know the answer or feel like you're behind, hard work can make the difference and still allow you to have a positive impact on a project."

Winston van Keulen works at the San Diego Psychiatric Health Unit Renovation project in San Diego, California.



Winston and his teammates receive Certificate of Occupancy for the Clovis Community Medical Center - Phase C: Sequoia Building project in 2020, a 60,000-square-foot medical office building in Clovis, California.

had different mentors in every single one and kept relationships with them all. It has been

a great accumulation of people I trust who can give me good advice.

What are you most proud of, either personally or professionally?

On every job I've been on, I've gotten very close with the team. When the team is close, and everyone is rowing in the same direction, no challenge seems insurmountable. I've been on about 14 projects in my short career, and I feel like I walk away with mentors or friendships that last outside of work after every single project. Long story short, I enjoy coming to work every day because of that teamwork.

What would be a piece of advice that you would give someone looking to start a career in construction?

If I were at a career fair, I would say that it's not going to be easy, but every single day is going to be different, and you are going to feel like you accomplished something. What you do has a direct, physical impact on the community or for a business. The first job I was on-site for was a bus maintenance facility for the County of San Diego. I can still drive by and say, "That's the building where I first learned," because I didn't know anything when I started that project. That is something a lot of other professions can't say.

My other advice – aside from saying yes to opportunities – is that hard work can make up for inexperience. When you don't know the answer or feel like you're behind, hard work can make the difference and still allow you to have a positive impact on a project. ■



To read more profiles of the individuals who make up the diverse Clark team, scan the QR code.

FROM THE CLARKIVES

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IN THE FALL OF 1973, WE DELIVERED THE CAPITAL CENTRE IN LARGO, MARYLAND, becoming the foundational project in the company's legacy of professional sports construction.

Famous for its distinctive saddle-shaped roof, the arena became the heartbeat of local entertainment, hosting the Washington Bullets (now the Wizards) and Washington Capitals, as well as Georgetown University men's basketball and countless concerts until it closed in 2002. With an arena floor set 30 feet below ground, the 17,500-seat venue featured 40 sky suites, 20 loges, 16 portal boxes, concessions, restaurants, and offices for the Bullets and Capitals teams.

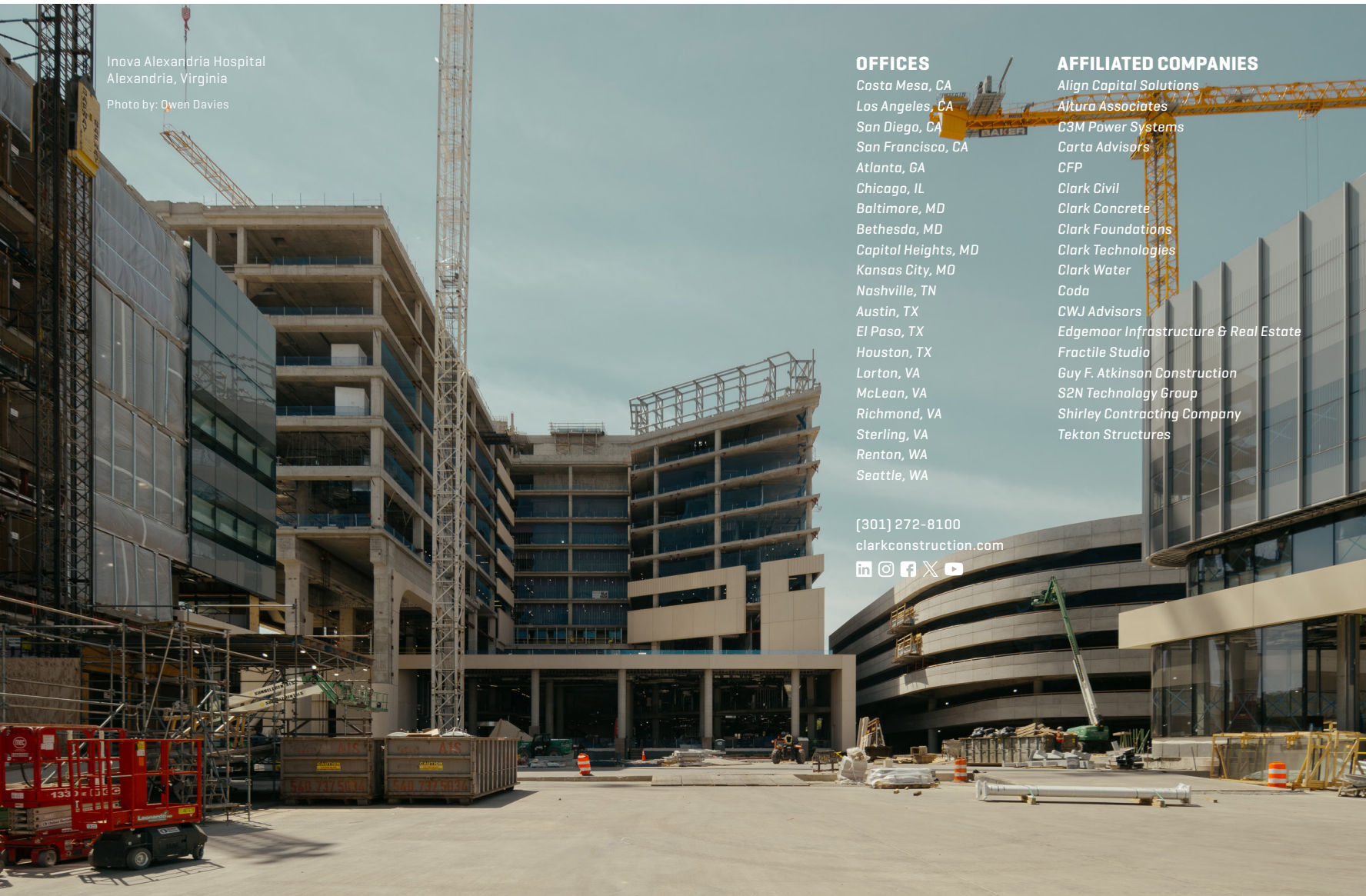
Building on this success, the company later constructed the MCI Center (now Capital One Arena), where the Wizards and Capitals moved, paving the way for the District's urban revitalization. 50 years later, Clark works to transform the new home of DC sports and entertainment. As the new Capital One Arena project takes shape, we're reminded that the Capital Centre is where it all began – skyrocketing both Clark and the DC metropolitan region into the sports stratosphere.





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Inova Alexandria Hospital
Alexandria, Virginia
Photo by: Owen Davies

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