DC BLOX HYPERSCALE CAMPUS IN BERKELEY COUNTY, SOUTH CAROLINA
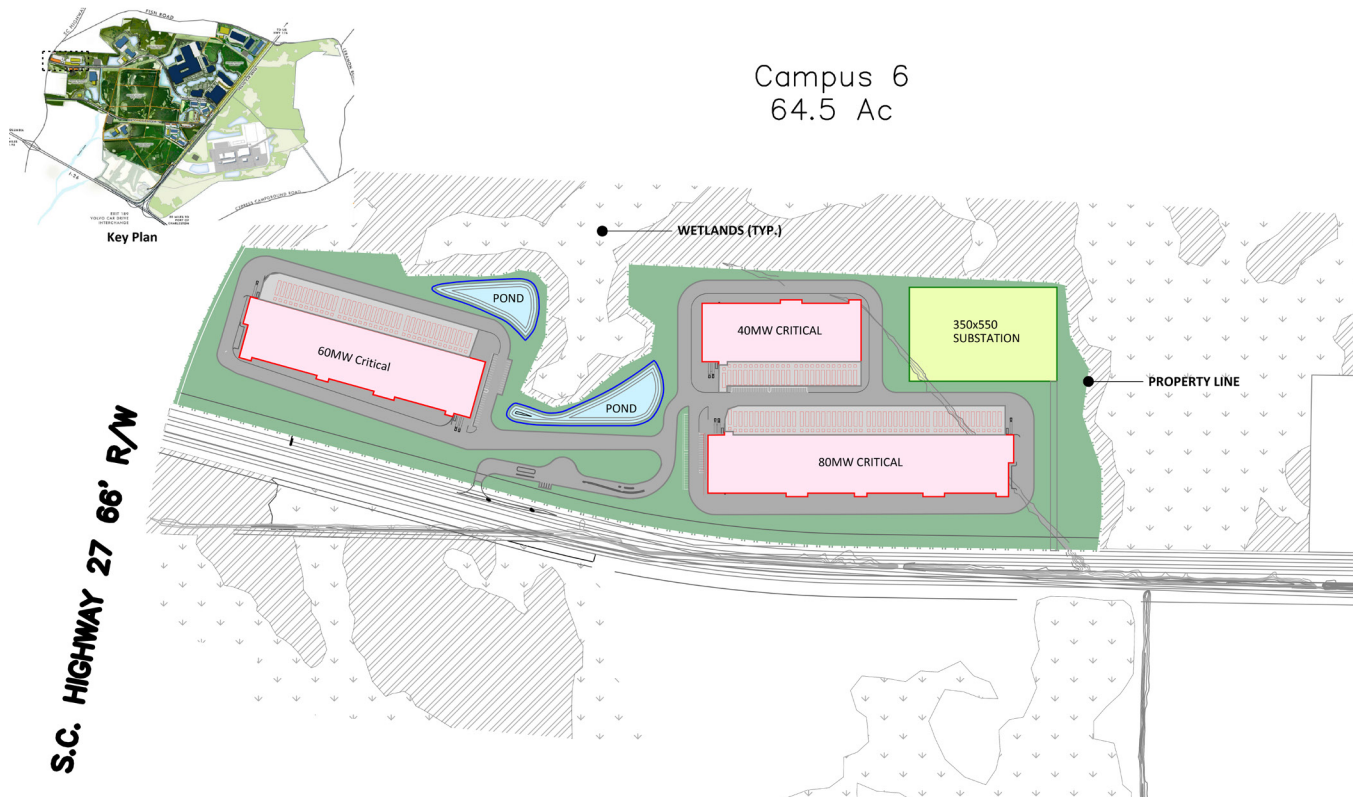
DC BLOX

Introducing Charleston West

INDUSTRY SITUATION

The rapid growth of the Southeastern US and the desire of hyperscale and SaaS (Software-as-a-Service) tech companies to deploy infrastructure closer to their consumers in the region is driving massive investments to expand digital infrastructure. The accelerating scale of digital communications, the need for richer user experiences, and the relatively low cost of land and available power is driving demand for data center capacity across the region.

DC BLOX SOLUTION

DC BLOX is a leading vertically integrated digital infrastructure provider based in the Southeast that is aggressively addressing this opportunity. Currently, the company operates Tier III colocation data centers in Birmingham, AL, Chattanooga, TN, Greenville, SC and Huntsville, AL, as well as a Cable Landing Station (CLS) in Myrtle Beach, SC. New projects include two new data center campuses in Douglas County and Rockdale County, GA.

Key Plan

Campus 6
64.5 Ac

WETLANDS (TYP.)

POND

60MW Critical

POND

40MW CRITICAL

350x550 SUBSTATION

PROPERTY LINE

80MW CRITICAL

S.C. HIGHWAY 27 66' R/W

DC BLOX is offering a hyperscale-ready data center campus located on 64.5 acres in the new Camp Hall Industrial Park in South Carolina with direct access to SC Hwy 27 to support the rapidly growing demand for digital infrastructure space, power, and connectivity in the area.

CONSTRUCTION

- 3 buildings, comprising 1,131,000 sq. ft. of data halls
- 125 mph wind-rated pre-cast construction, including common space
- On slab with 15' ceiling height below grid

ELECTRICAL / POWER

- 180 MW critical load, 270 MW for the campus
- Concurrently maintainable power line-up
- Power provider: Santee Cooper
- High-density design to support high-performance computing

MECHANICAL

- High efficiency magnetic bearing air-cooled chillers with provisions for future thermal storage
- Interior vertical fan coil units flanking data halls
- N+2 redundancy for chillers and N+5 for vertical fan coils
- Provisions for future liquid cooling
- Design annualized PUE of 1.3 at full load

CERTIFICATION / SECURITY / COMPLIANCE

- SOC2 Type II, NIST 800-171 and HIPAA/HITRUST with a design that supports up-scope to more stringent security standards
- Video surveillance with remote monitoring
- Gated site access / bollards / secure lobby
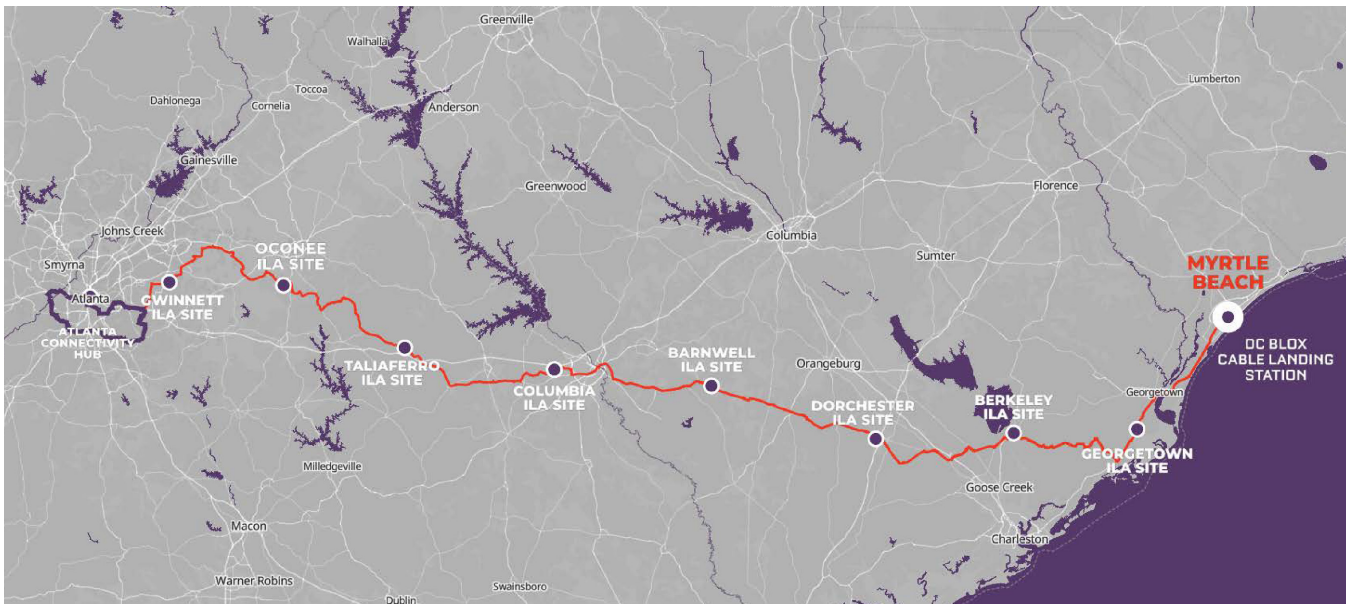- Man-trap / badge / dual factor authentication

NETWORK

- Multiple meet-me rooms with diverse fiber duct vaults on the street
- Dark fiber to 55/56 Marietta St., 180 Peachtree St., and the DC BLOX Myrtle Beach Cable Landing Station

ADDITIONAL DIGITAL INFRASTRUCTURE

To support growing international data traffic to and from the region, DC BLOX completed the first phase of its Cable Landing Station (CLS) in Myrtle Beach, SC in October of 2023 that enables access to South America, Europe and Africa. In addition, a high-capacity dark fiber route has been completed that will provide an express route from Lithia Springs, through Atlanta, Augusta, and the Berkeley County data center campus to the CLS, enabling the lowest-latency connectivity option from the region to regional and international destinations.

DC BLOX BACKGROUND AND EXPERIENCE

Founded in 2014, DC BLOX has been progressively perfecting the design and construction processes of its modular, interconnected, mission-critical data center facilities. We have a proven track record in the delivery of greenfield, purpose-built facilities and are often relied upon to build new data centers on accelerated schedules.

In addition, DC BLOX's capability to build dark fiber routes with its data centers enables a one-stop solution that reduces negotiation complexities, streamlines deployment, and accelerates the realization of our customer's business objectives.

- Scalable designs that support success-based deployment from 1MW to 100MW+
- All facilities designed and built to Uptime Institute Tier III requirements (Birmingham and Greenville certified)
- Custom dark fiber route construction
- Robust ecosystem of business partner and government relationships in the Southeast that facilitate rapid land acquisition, construction, operations, and connectivity
- Well capitalized and supported by leading investors from Bain Capital and Post Road Group

NEXT STEPS

DC BLOX has the design, construction, operations, networking, and security experience to meet the needs of today's hyperscale and large-scale tech companies.

Please contact **Jason Walker,** *SVP of Strategic Development* to discuss your project.

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