

Water

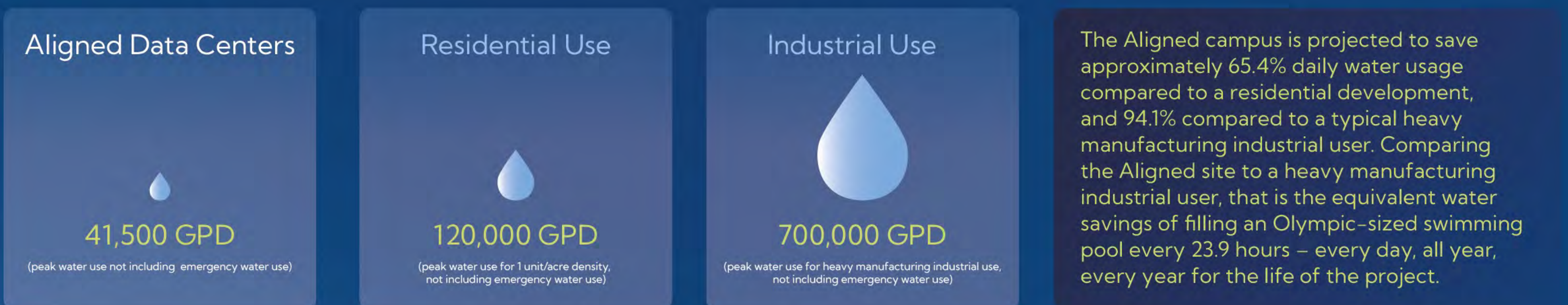


The idea that data centers consume a lot of water is rooted in an older generation of facilities that relied on evaporative cooling. These systems used a significant amount of water.

Aligned uses a highly efficient, air-cooled heat rejection system combined with a closed loop system that recycles the same fluid over and over in a sealed environment. This design requires water only for the initial closed-loop cooling system fill and subsequent maintenance.

Following initial system fill and maintenance, water consumption is limited only to essential non-industrial uses, such as restrooms and general amenities. To put this in perspective, the Mayor of Northlake, IL, where Aligned operates data centers, recently shared that our entire two-facility campus uses less water than a local laundromat or a car wash.

Approximate daily water usage in gallons (305 acre site)



Blueprint for Efficiency Water Conservation at Aligned's Northlake, IL Campus



Energy



Following decades of systemic underinvestment in the grid, data centers have emerged as reliable anchor customers helping to modernize energy infrastructure and critical stabilizers for the energy market. As data centers add their load to the grid, these facilities become a robust anchor customer base that helps distribute the burden of fixed costs across a wider footprint. Every kilowatt-hour consumed bears a portion of these costs. This process allows the additional load to mitigate upward price pressure for all other customers.

Paying Our Fair Share

Pursuant to ComEd's new Transmission Security Agreements (TSAs), Aligned is required to pre-fund transmission costs, protecting all existing ratepayers from transmission service costs.

Aligned is funding a new substation and switchyard at no cost to ratepayers, which will also provide additional capability to serve future loads in the area.

No Grid Instability

To ensure zero impact on local residential power, Aligned will connect directly to the high-capacity regional transmission system. This design bypasses the local distribution lines used by homes and small businesses. The campus will not cause grid instability.

No New Transmission Corridors

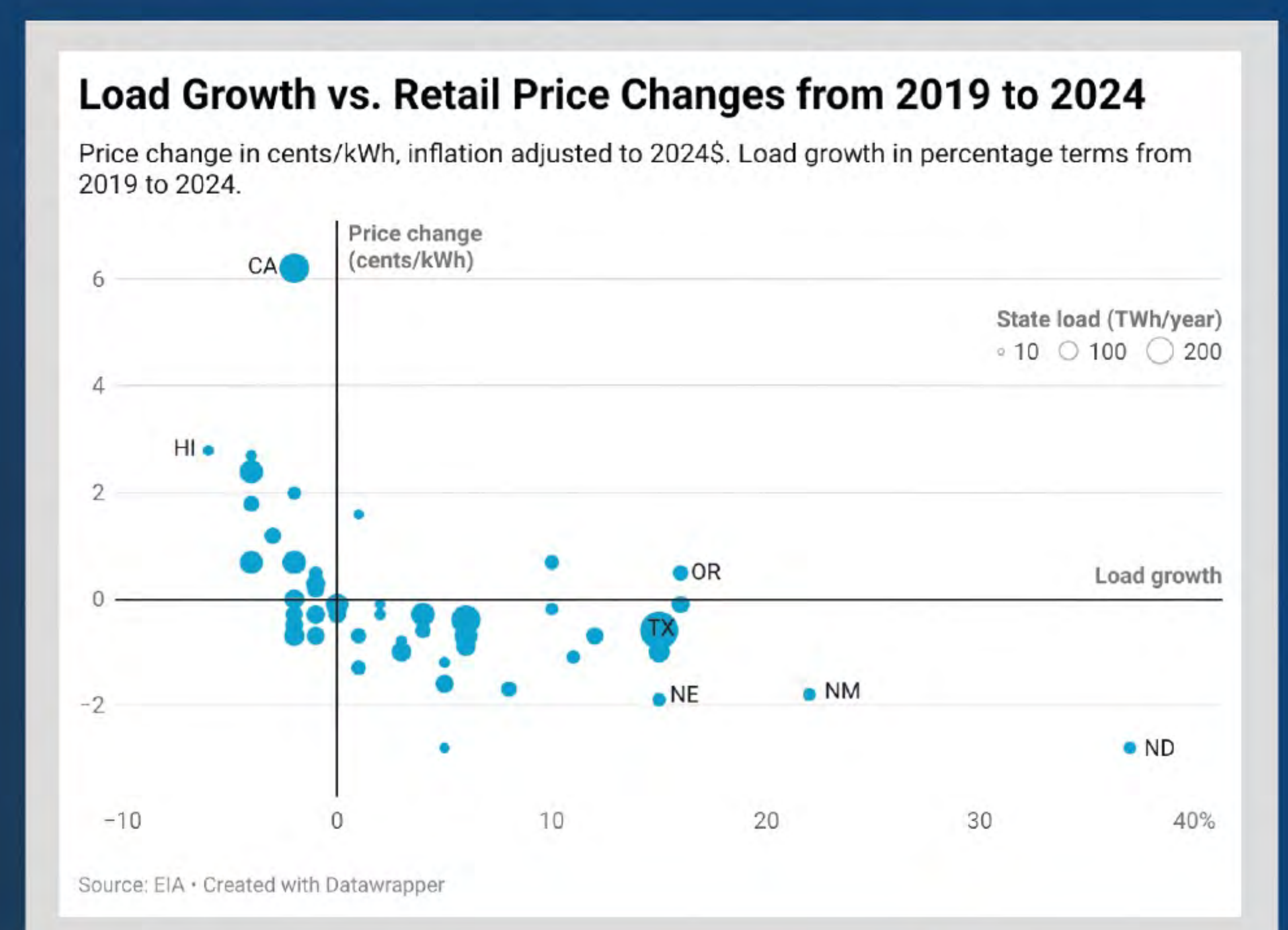
Aligned's campus will not require new transmission corridors or impose those costs on ratepayers.

A Stronger Grid for Everyone

Data centers act as "anchor tenants" for the power grid. Every kilowatt we use contributes to the maintenance and operation of regional infrastructure – offsetting costs that would otherwise fall on local families.

From 2019–2024, states with the highest load growth generally saw retail electricity prices decline in real terms – greater load leads to fixed costs being spread over greater demand, reducing per unit costs.

(Source: The Brattle Group, October 2025)



We invite you to explore the data and 3rd party studies:



Factors Influencing Recent Trends in Retail Electricity Prices in the United States

Energy Markets & Planning
Berkeley LAB



Tailored for Scale: Designing Electric Rates and Tariffs for Large Loads

Energy+Environmental Economics



Utility Bills are Rising: 2025 Review

Powerlines

Careers



~2,000

Projected construction roles, with a commitment to maximizing utilization of local union labor with the largest demand in MEP trades (mechanical, electrical, and plumbing)

~300

Full time careers supporting critical digital infrastructure in our community.

Thousands more estimated in indirect careers generated throughout the regional economy — from on-site security to customer technical and maintenance teams

Diverse career opportunities ranging from entry-level to highly technical operations roles

High-value career opportunities that keep **talent rooted locally**

Aligned will prioritize the hiring of local construction personnel whenever possible

Locally sourced vendor arrangements are expected to include mechanical and electrical contracts, landscaping, janitorial, and security

Engage with local restaurants and businesses to procure meals and accommodations for on-site employees and contractors

The Digital Future is Built by the Trades

Aligned recently made a \$100,000 donation to the mikeroweWORKS Foundation.

This contribution underscores Aligned's commitment to bridging the skilled labor gap and supporting the trades.

The donation will directly support the Foundation's scholarship programs and initiatives, helping individuals acquire the training and certifications needed for careers in welding, heating, ventilation, and air conditioning (HVAC), electrical, plumbing, and other skilled trades.

“ The principles of hard work, determination, and respect for others are always in demand and a big part of our Work Ethic Scholarship Program. I'm grateful to Aligned for their generous support and helping make this our largest scholarship program to date. ”

Mike Rowe,
themikeroweWORKS Foundation

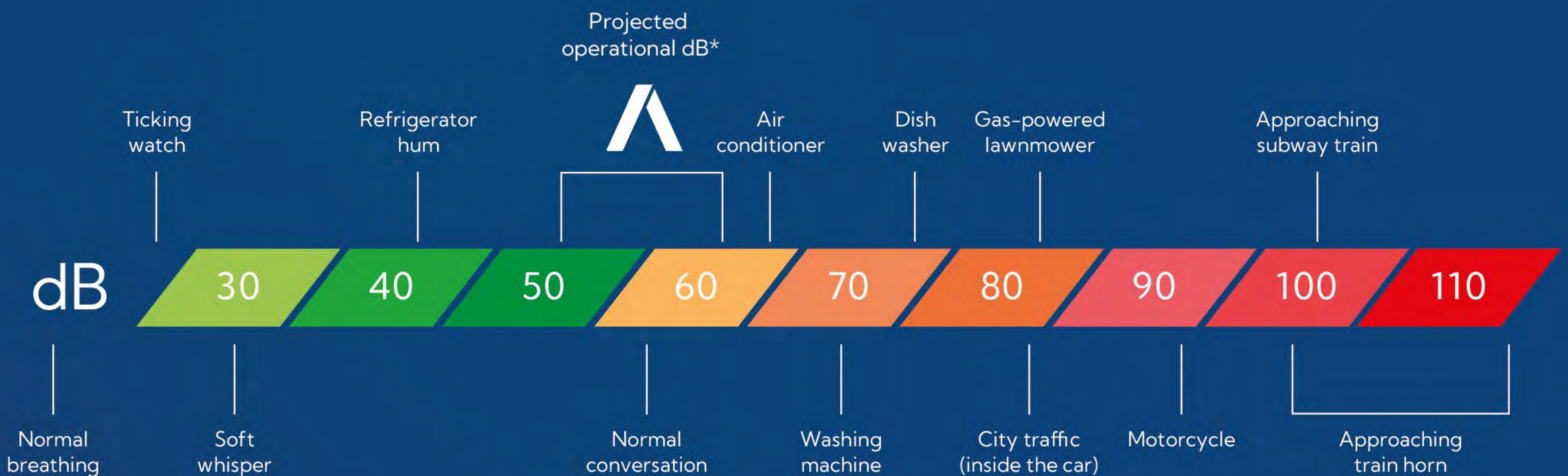


Sound

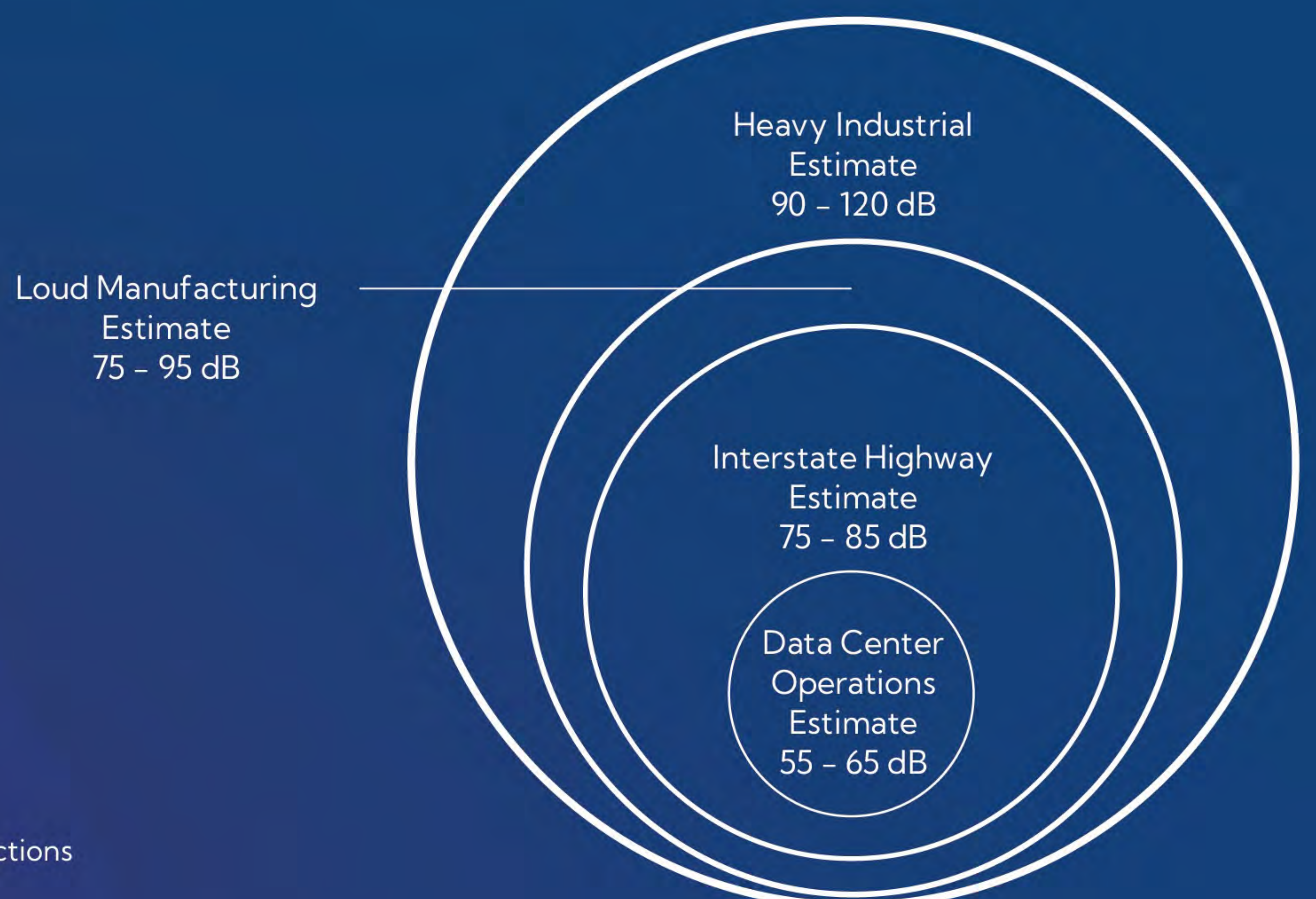


- Operating sound levels are projected to remain within 55 to 65 dB* at the closest residence
- Chillers & backup power generation equipment will feature critical-grade silencing technology; backup power generation equipment will also be housed within acoustically treated enclosures
- Backup power generation equipment use is restricted to minimal scheduled testing and maintenance, as well as rare emergencies
- The project incorporates setbacks
- Defined quiet hours for loud activities

EPA Noise Findings Cited by the CDC



Additional Context



*The figures presented are industry projections based on similar data center projects.

Understanding Emergency Backup Generators



Emergency backup generators are **not** data centers' primary power source. Data centers, like many other essential services that are also reliant on a stable power supply (hospitals, emergency services, transportation Infrastructure, etc.) are typically connected to the electrical grid.

Emergency backup generators are only used to power data centers in the event of a disruption of service from the utility. They may also be operated for maintenance and testing purposes to ensure the readiness of the equipment in the event of such utility disruptions.

Testing & Maintenance

Regular emergency backup generator testing and maintenance are essential for ensuring the safety and reliability of our power supply.

Additionally, our emergency backup generators are designed to operate quietly and are equipped with selective catalytic reduction (SCR) to limit emissions. Regular maintenance and testing helps maintain their efficiency and reduce noise levels.

Aligned's average maintenance windows are less than

10 hours / year

per emergency backup generator, with only one or two running on any given day.

Building the Future, Sustainably



Aligned is committed to solving the world's toughest sustainability challenges associated with data center infrastructure, energy consumption and water usage. Our adaptive data center platform is focused on helping companies deliver greater business value with less costly energy and infrastructure resources. Sustainability is, and will always be, at the core of what we do.



Requires less energy, reducing tenant TCO



Highly efficient closed loop system that recycles the same fluid in a sealed environment



Future-proof infrastructure capable of high-density cooling

100% Renewable Power

The Difference is Our Cooling Technology

Aligned's cutting-edge cooling technologies offer superior sustainability and efficiency compared to traditional methods. By capturing and removing heat directly, our systems avoid the energy-intensive practice of flooding data halls with cold air. This innovative approach results in a lower Power Usage Effectiveness (PUE) and a waterless design, making our data centers more environmentally friendly.

Water Efficiency

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Building Greener

The path to broader and more actionable sustainability at Aligned begins with how we design and construct our data centers and campuses. It continues with taking accurate measurements of all carbon sources and mitigating water usage to ultimately reduce, reuse, and recycle wherever possible.

From site selection and planning to energy and water-efficient design, sustainable material selection, and waste reduction and management, Aligned's sustainable construction program encompasses a holistic approach to building practices that minimizes environmental impact, conserves resources, and promotes healthy, livable, and resource-efficient spaces for future generations.

Sustainable Investments

A segment of the company's financing is tied to core ESG and sustainability objectives:

- Sustainability Reporting: Transparency regarding sustainability best practices and reporting
- Renewable Energy: A commitment to match 100% of our annual energy consumption to zero-carbon renewable energy
- Workplace Safety: Reporting on and having an industry-leading Total Recordable Incident Rate (TRIR)

Carbon Tracking & Supply Chain Decarbonization

Aligned was one of the first data center providers to offer transparent and accurate data of our carbon footprint via a 24/7 carbon tracking platform that measures energy, emissions, and utility information.

Aligned also integrates OriginMark™, an enhanced material traceability system, across our data center portfolio to accelerate supply chain decarbonization and circular asset management.

The technology provides Aligned and our customers a more transparent and granular view of their embodied carbon footprint by tracing the complete lifecycle of data center equipment and devices as well as identifying material recovery and recycling options.



100% Renewable Energy



Sustainable Construction



Waterless Data Centers



Driving Decarbonization



Site Reclamation



Energy-Efficient Cooling



Scan the QR code for more information



Infrastructure Improvements



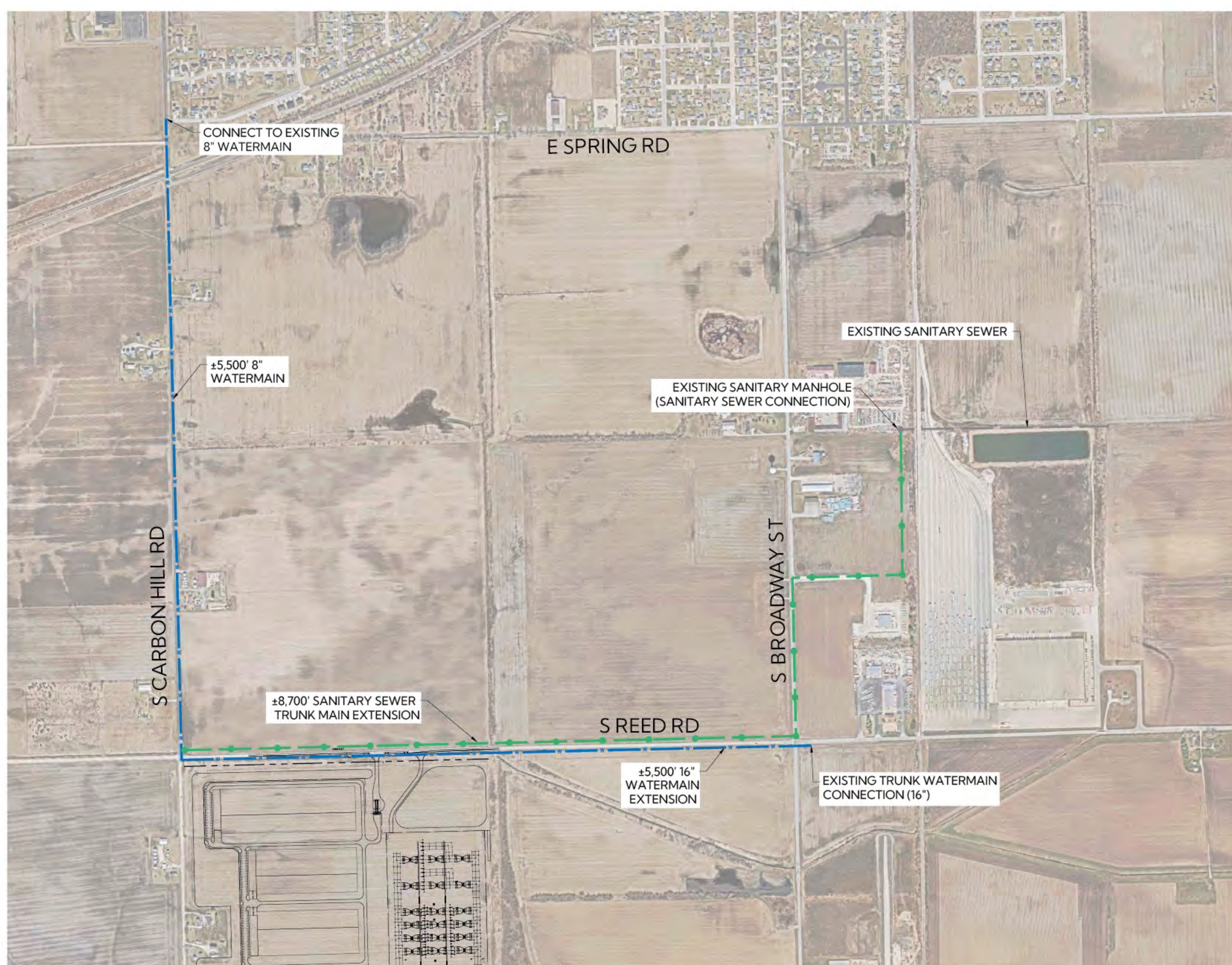
We're excited to share our infrastructure improvement commitment to the future of the Coal City, IL community.

The construction of this data center campus will expand fiber optic infrastructure in the surrounding area. This increased connectivity can benefit businesses, residents, and the community as a whole by improving internet speeds, reliability, and access to communication services.

As part of our development plans, we're **investing in significant upgrades** to our water and sewer infrastructure.

In addition to these infrastructure improvements, we're also planning to make **enhancements to the local roads**. These upgrades will help improve traffic flow, safety, stormwater management, and the overall quality of life for residents.

By taking these proactive steps, we're demonstrating our dedication to the long-term well-being of the community and ensuring that it's well-equipped to thrive for years to come.



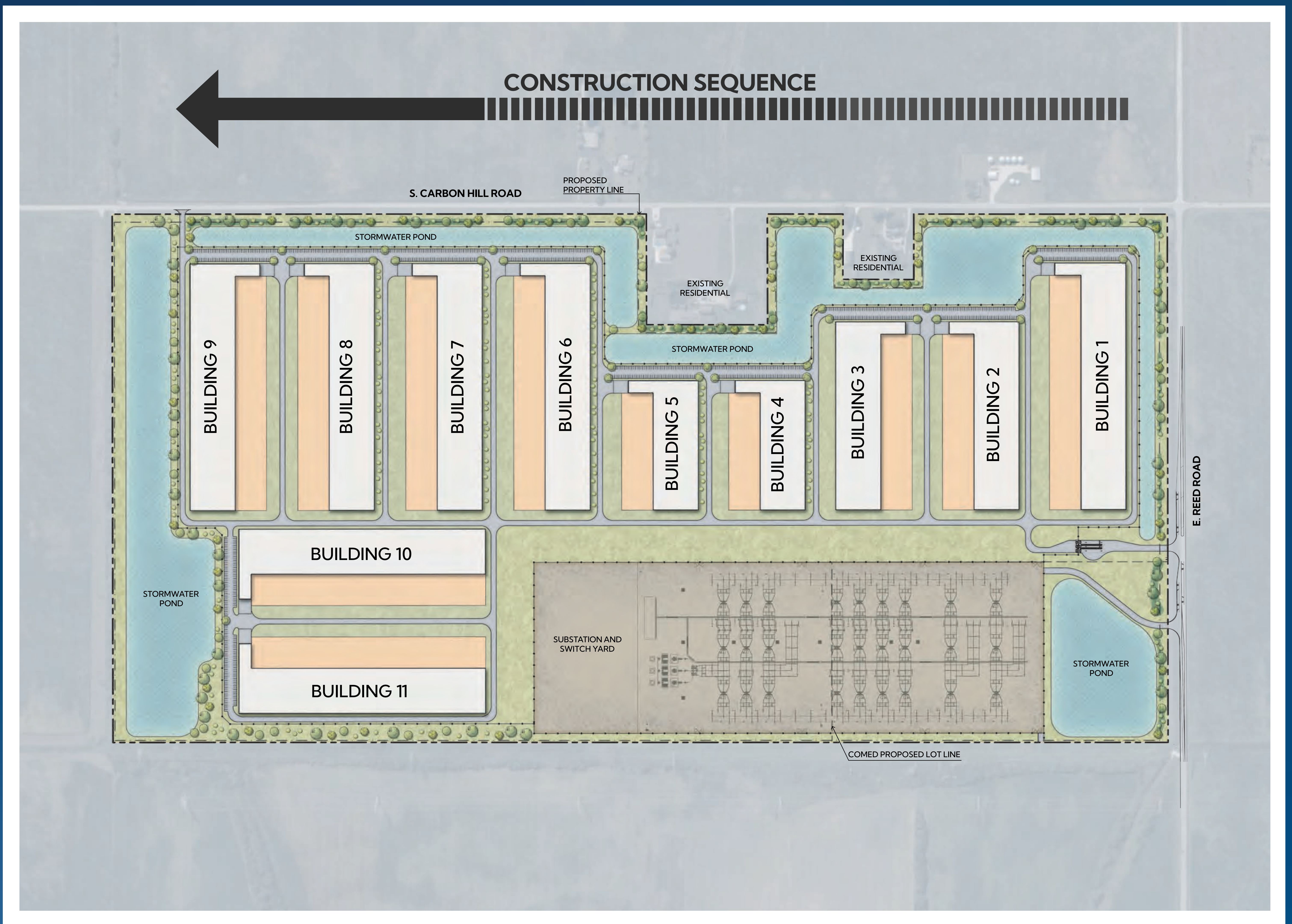
LEGEND

- Proposed offsite sanitary sewer
- Proposed offsite sanitary sewer manhole
- Proposed offsite water line

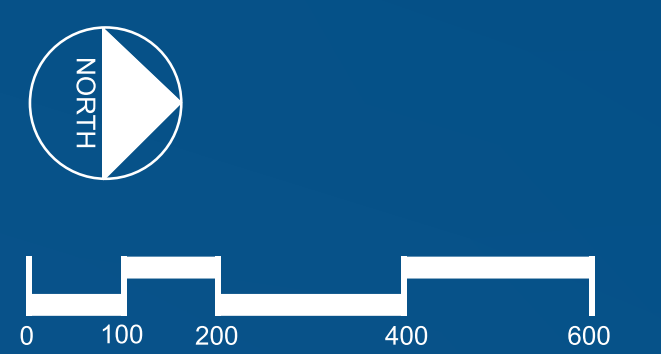
GRAPHIC SCALE IN FEET
0 200 400 800

ALIGNED DATA CENTERS | Offsite Utility Improvements Plan
COAL CITY, IL

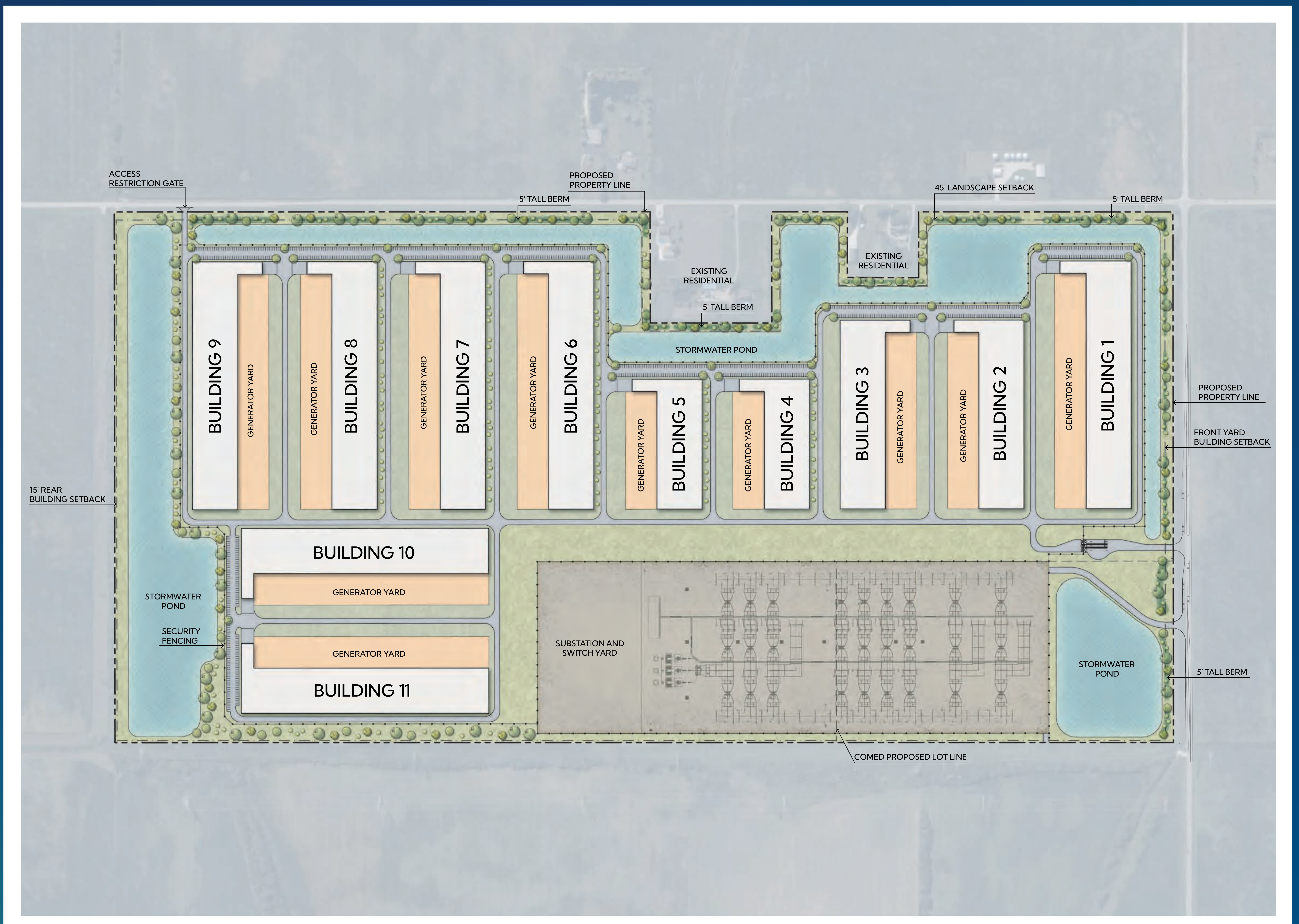
Construction Sequence



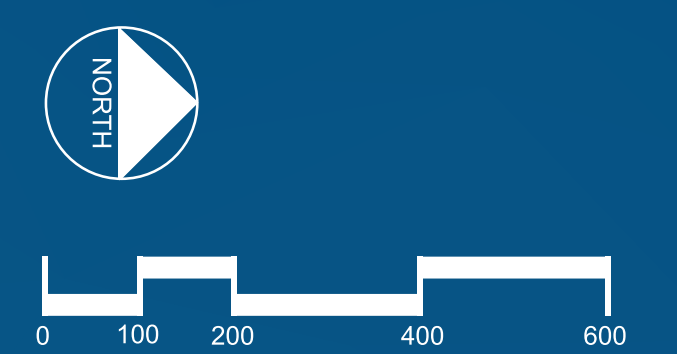
LEGEND	
	GREEN SPACE
	PAVEMENT
	GENERATOR YARD
	BUILDING
	STORMWATER POND
	SUBSTATION



Landscape Exhibit



LEGEND	
	GREEN SPACE
	PAVEMENT
	GENERATOR YARD
	BUILDING
	STORMWATER POND
	SUBSTATION

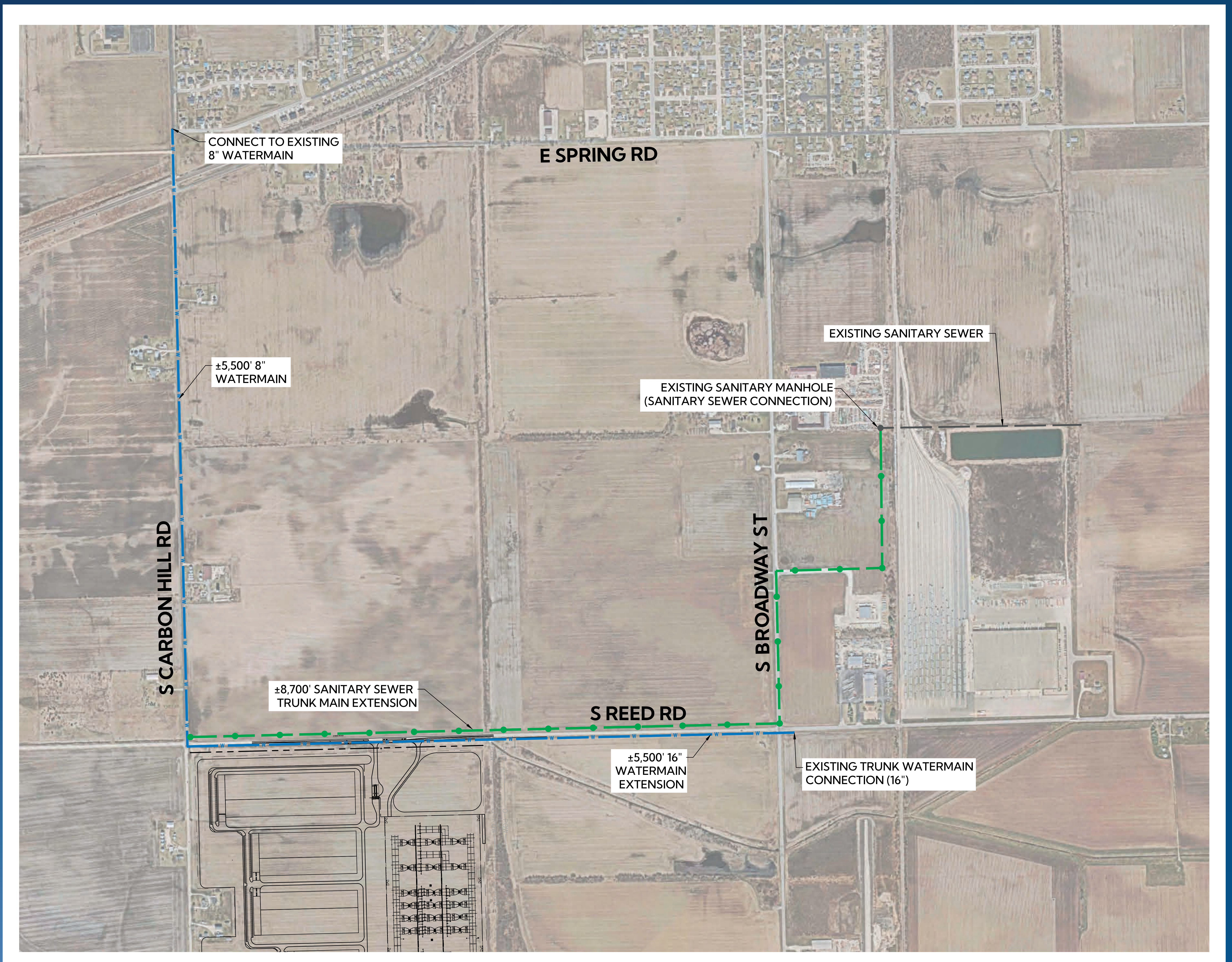


Offsite Utilities



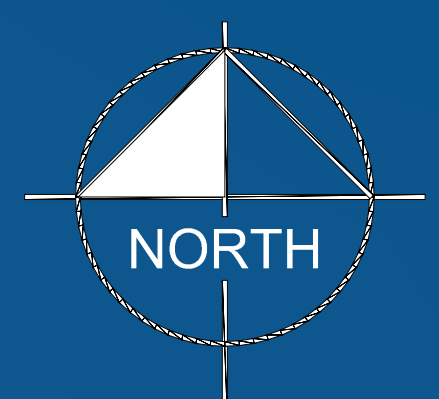
ALIGNED DATA CENTERS Offsite Utility Improvements Plan

COAL CITY, IL



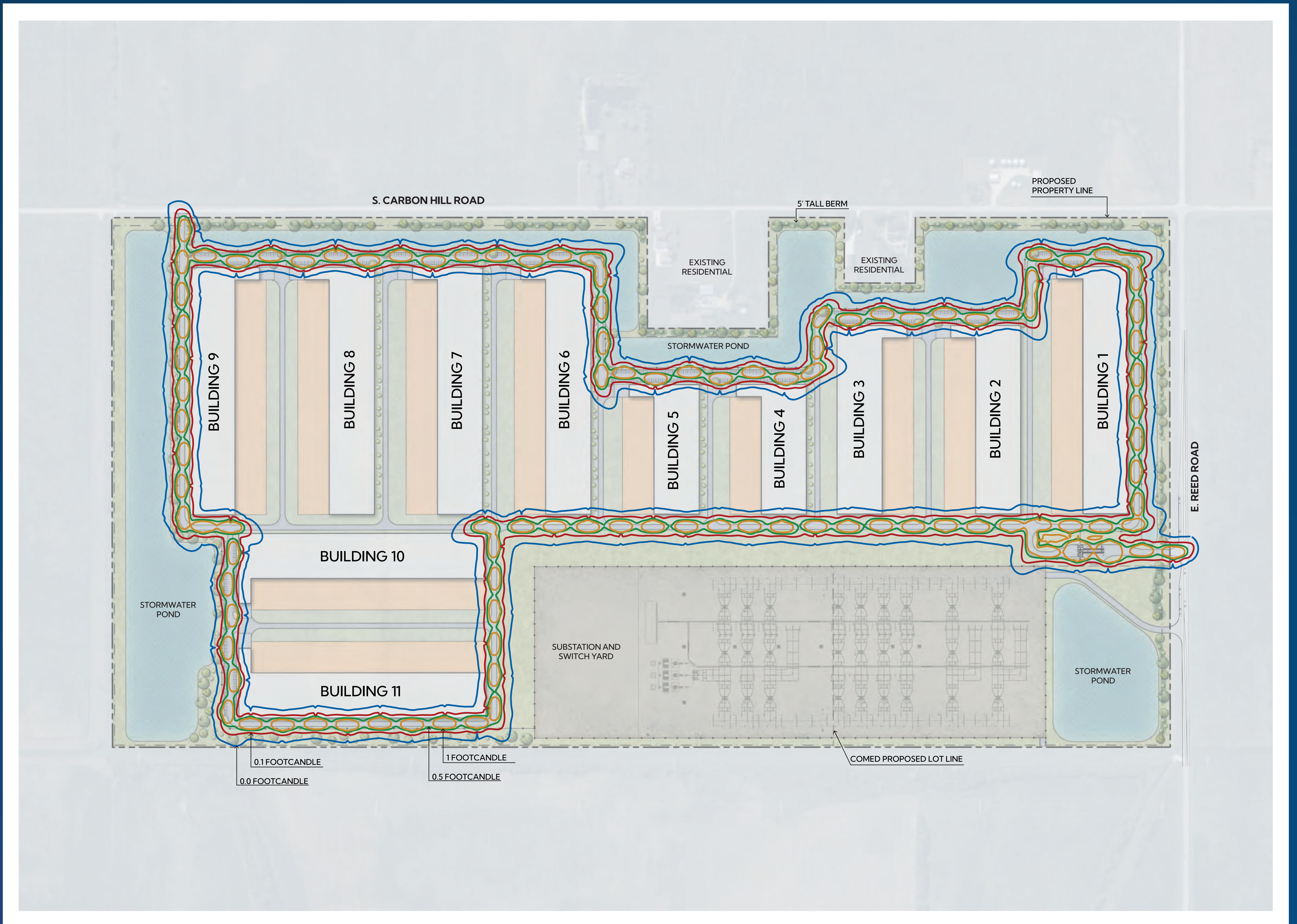
LEGEND

- Proposed offsite sanitary sewer
- Proposed offsite sanitary sewer manhole
- Proposed offsite water line



GRAPHIC SCALE IN FEET
0 200 400 800

Lighting Exhibit



LEGEND	
	1 FOOT CANDLE
	0.5 FOOT CANDLE
	0.1 FOOT CANDLE
	0.0 FOOT CANDLE

