

The logo features the words "quantum" and "loophole" in a black, lowercase, sans-serif font. The word "loophole" is positioned directly below "quantum". A red, hand-drawn style oval encircles the word "quantum". The background consists of a light gray field with numerous thin, white, diagonal lines radiating from the center, creating a sunburst or starburst effect.

quantum  
loophole

*Quantum Frederick in Frederick County, MD*



# About



Founded in 2019, Quantum Loophole has the passion and innovation of a start-up and the experience, connections, and confidence of the most successful data center companies.

We develop master planned communities inclusive of land, power, fiber and water infrastructure for mission critical digital services. Innovative development in a way that works with nature to reduce climate and human impact without compromising opportunities for future generations.



# Quantum Frederick Key Drivers- Fiber

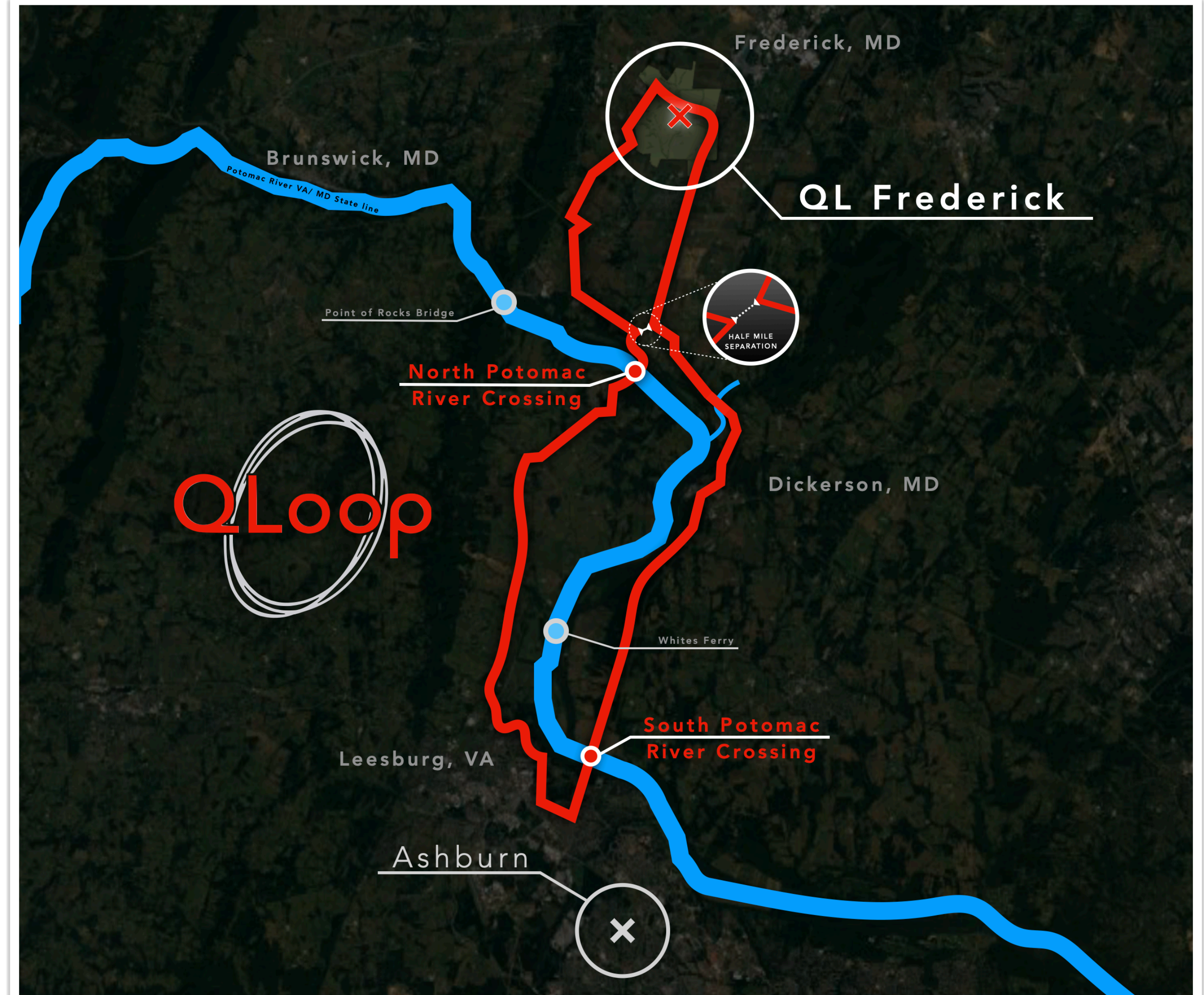
Bringing massive fiber connectivity to Quantum Frederick will have rippling effects throughout Frederick County and western Maryland, offering schools, businesses, and communities opportunities to become hyper connected.

Quantum Loophole employs a dig-once approach. By placing the conduits all at once, QLoop will be able to support future campus expansions and increase speed to market for customers without disturbing the land along the route each time.



## QLoop Network

QLoop network is a 40± mile fiber ring connecting Quantum Loophole's 2,100+ acre Quantum Frederick data center development in Maryland to Northern Virginia's Data Center Alley. The network ring will allow carriers to place more than 200,000 strands of fiber, connecting to the regional Internet ecosystem in under one half millisecond Round Trip Time (RTT).





# Quantum Loophole Supports the Community





## Economic Impact

- Expected to create approximately 1,500 to 6,000 new jobs in Frederick County at operational phase, full buildout
- Over the duration of Construction (2023-2038) QL is expected to support 48k direct and indirect jobs in Frederick County
- Expected to generate real estate, recordation, energy, income tax revenues for the County and State
- Expected to generate approximately \$37.7 Million in annual property tax revenue for the county during the Operating Phase
- Expected to generate approximately \$153 Million in annual sales tax revenues for the state of Maryland (during the Construction Phase)

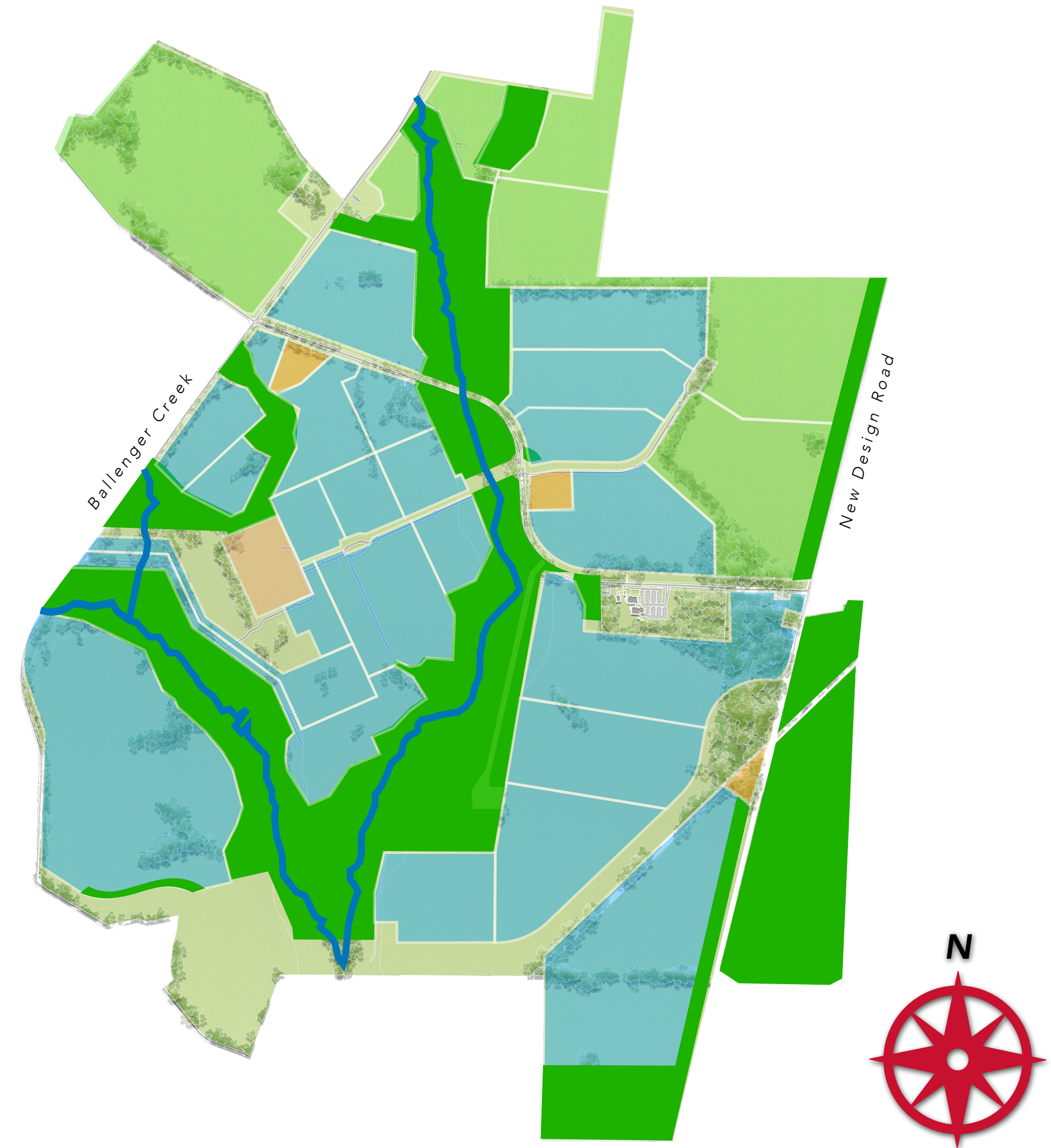


*Rich Paul Hus, Josh Snowhorn, Sylvia Kang, Governor Wes Moore, & Scott Noteboom*



## Attributes of a Master Planned Data Center Community

- Site Location, Integrated with Nature
- Preserving the Cultural Aesthetic of Frederick County
  - Visual Aesthetics
  - Sound Aesthetics
  - Light Aesthetics
- Enabling the Operations of the World's first Carbon Negative Industrial Community
  - Emission Reduction & Removal
  - Enabling renewable Diesel Fuels
  - Nature Reserve as a Carbon Sink
- Renewable Energy & Grid Modernization
- Efficient Cooling w/ Recycled Water use
- Creek Restoration & Surface Water Management
- Purpose Built Municipal Traffic & Utility Improvements







For further questions please contact

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**Forward-Looking Statements**

This document contains, and our officers and representatives may from time to time make, "forward-looking statements" within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking statements can be identified by words such as: "plan," "goal," "seek," "believe," "project," "estimate," "expect," "strategy," "future," "likely," "may," "should," "will" and similar references to future periods. Examples of forward-looking statements include, among others, statements we make regarding our plans for data center cities, sustainable growth and community-mindedness, ability to manage pricing pressure, and similar statements.

Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based only on our current beliefs, expectations and assumptions regarding the future of our business, future plans and strategies, projections, anticipated events and trends, the economy and other future conditions. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of our control. Our actual results and financial condition may differ materially from those indicated in the forward-looking statements. Therefore, you should not rely on any of these forward-looking statements. Important factors that could cause our actual results and financial condition to differ materially from those indicated in the forward-looking statements include, among others, economic and financial conditions, including volatility in interest and exchange rates, commodity and equity prices and the value of financial assets, land prices, power pricing volatility, capital and/or credit market availability, the adequacy of our cash flow, strategic actions, the occurrence of hostilities, political instability or catastrophic events, changes in customer demand, the extent to which we are successful in gaining new long-term relationships with customers, and the level of service failures that could lead customers to use competitors' services, developments and changes in laws and regulations, including increased regulation of the power and data infrastructure industry through legislative action and revised rules and standards, among others.

Any forward-looking statement made by us in this document is based only on information currently available to us and speaks only as of the date on which it is made. We undertake no obligation to publicly update any forward-looking statement, whether written or oral, that may be made from time to time, whether as a result of new information, future developments or otherwise.

