globalinx
subsea colocation

Pioneers of Subsea Carrier-Neutral Colocation in Virginia Beach

Globalinx.......

Building a Digital Network of Carrier Neutral Data Centers & Subsea Cable infrastructure for Hampton Roads

Globalinx Data Centers
Committed to Creating a Telecommunications
Eco system for Virginia Beach for now and the future

Who are we ?

*We are a locally owned and operated company, headquartered in Virginia Beach,

*At a cost of over $14,000,000, in 2019 Globalinx completed construction of the only Data Carrier Neutral Data Center in Virginia Beach, (in Corporate Landing Park) and is one of only two in Hampton Roads.

*The Globalinx Data Center has now been in full operation for over two years, and has attracted a number of new Network Carriers now serving the Community, and is hosting in a secure environment a number of Virginia Beach's leading businesses for their Data backup needs, providing low latency and
*An additional purpose of this initiative was to ensure Virginia Beach has access to ALL SubseaCables both present and the future. Globalinx has direct access to Telxius Marea, Brusa, and the Dunnant Subsea Cables.

*With the completion of of the Sandbridge infrastructure and its new supporting Cable Landing Station, Globalinx will be ready to house an additional four Subsea Cable for Virginia Beach

How does Virginia Beach Benefit from additional Subsea Fiber Optic Cables?

*An additional four Subsea Cables brings the total number of cables into Virginia , at seven
The most subsea cable of the Eastern Seaboard

* This creates a very viable technology hub which without a doubt will lead to the creation
of a large data center eco system , attracting the very best fortune 500 companies requiring
Low latency and high redundancy

•   To date Globalinx has brought to Virginia Beach an additional four new carriers, the latest being
Shentel, West Virginias largest carrier , Their intentions are to provide competitive internet services for
Enterprise and private homes

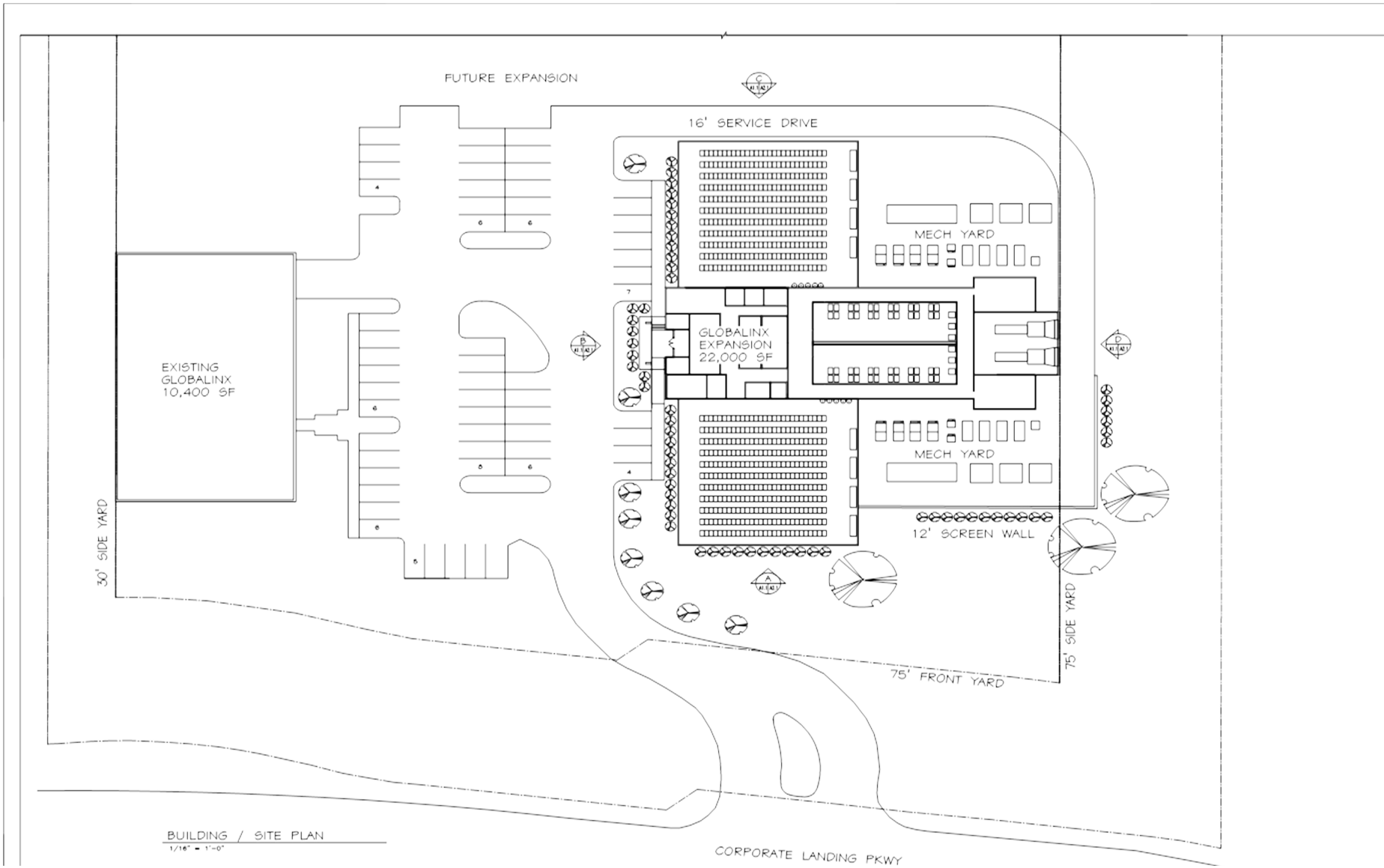*Data Center attract high tax revenue for Municipalities, and the very best tech employment

*When completed, Globalinx Capital investment in Virginia Beach will exceed $70,000,0000

Globalinx 11.5 ACRES OF SUBSEA CARRIER NEUTRAL COLLOCATION

New Globalinx Cable Landing Station

FUTURE EXPANSION

16' SERVICE DRIVE

MECH YARD

GLOBALINX
EXPANSION
22,000 SF

EXISTING
GLOBALINX
10,400 SF

MECH YARD

12' SCREEN WALL

30' SIDE YARD

75' SIDE YARD

75' FRONT YARD

CORPORATE LANDING PKWY

BUILDING / SITE PLAN
1/16" = 1'-0"

GLOBALINX EXPANSION

1632 CORPORATE LANDING PKWY
VIRGINIA BEACH, VIRGINIA

PROPOSED BUILDING / SITE PLAN

SHEET NUMBER
A-11

*The Build is for Four Subsea Conduits, allowing for another four Subsea Cables to come into Virginia Beach

*To house these four new cables, Globalinx plans to construct a new Cable Landing Station building on the eleven acre Globalinx Campus in Corporate Landing Parkway for another Cable Landing Station

*Totaling over 35,000 sft

*The total combined cost: $53,000,000

Camp Pendelton

Currently we have a total of three subsea cables:
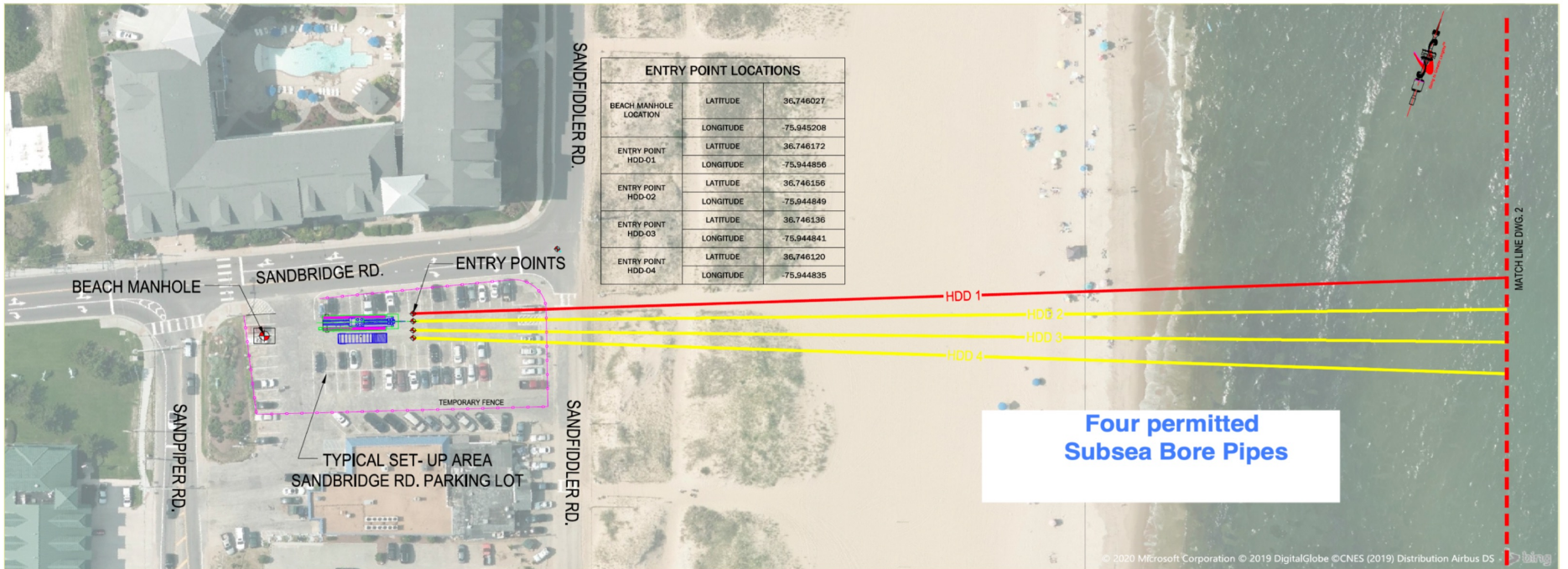MAREA
BRUSA
DUNNANT

Globalinx CLS

With the potential of an additional four subsea cables
Viriginia beach will be in the forefront of the world stage
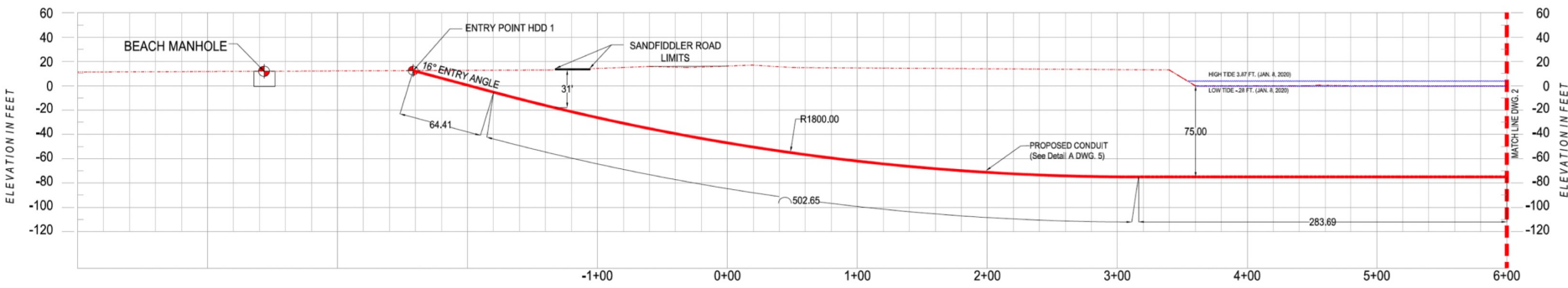With great potential large Data Center growth

Sandbridge

ENTRY POINT LOCATIONS

BEACH MANHOLE LOCATION	LATITUDE	36.746027
	LONGITUDE	-75.945208
ENTRY POINT HDD-01	LATITUDE	36.746172
	LONGITUDE	-75.944856
ENTRY POINT HDD-02	LATITUDE	36.746156
	LONGITUDE	-75.944849
ENTRY POINT HDD-03	LATITUDE	36.746136
	LONGITUDE	-75.944841
ENTRY POINT HDD-04	LATITUDE	36.746120
	LONGITUDE	-75.944835

SANDFIDDLER RD.

PLAN VIEW

HORIZONTAL & VERTICAL

SCALE:

FULL SCALE 1" TO 40'
HALF SCALE (11 X 17) 1" TO 80'

BEACH MANHOLE

SANDBRIDGE RD.

ENTRY POINTS

SANDPIPER RD.

SANDFIDDLER RD.

TYPICAL SET-UP AREA
SANDBRIDGE RD. PARKING LOT

TEMPORARY FENCE

HDD 1
HDD 2
HDD 3
HDD 4

**Four permitted
Subsea Bore Pipes**

MATCH LINE DWG. 2

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PROFILE VIEW

HORIZONTAL & VERTICAL

SCALE:

ELEVATION IN FEET

BEACH MANHOLE

ENTRY POINT HDD 1

SANDFIDDLER ROAD
LIMITS

16° ENTRY ANGLE

31'

HIGH TIDE 3.87 FT. (JAN. 8, 2020)
LOW TIDE -.28 FT. (JAN. 8, 2020)

64.41

R1800.00

PROPOSED CONDUIT
(See Detail A DWG. 5)

75.00

502.65

283.69

MATCH LINE DWG. 2

ELEVATION IN FEET

-1+00   0+00   1+00   2+00   3+00   4+00   5+00   6+00

NOTES:
1). HORIZONTAL DISTANCE IS THE DISTANCE FROM ENTRY POINT TO EXIT POINT.
2). ALL DISTANCES AND ELEVATIONS ARE APPROXIMATE AND FOR DISCUSSION ONLY.
3). CURVE DISTANCE IS THE ACTUAL DISTANCE OF THE PLANNED CROSSING.
4). ALL DIMENSIONS TO CENTERLINE OF PIPE AS SHOWN.

IMPORTANT:
ANY DRILLING PLANS OR PROFILES SUBMITTED BY THE HDD COMPANY ARE BASED UPON THE DESIGN INFORMATION IN THE CONTRACT DOCUMENTS AND UPON THE HDD COMPANY'S KNOWLEDGE AND EXPERIENCE IN ADDITION TO ITS OPERATIONAL EXPERTISE OVER THE PAST THREE DECADES. HOWEVER, THE HDD COMPANY AND ITS PERSONNEL ARE NOT ENGINEERS. THEREFORE, ANY SUCH PLANS OR PROFILES SUBMITTED BY THE HDD COMPANY ARE SUBJECT TO REVIEW AND APPROVAL BY THE OWNER AND/OR

R	DATE	REVISION DESCRIPTION
1	8 Jan. 20	REVISED DRAWING TO 11 X 17 SCALE
2	20 Feb. 20	MOVE ENTRY POINTS TO SANDBRIDGE RD. PARKING LOT

VERTICAL CURVE DATA

ENTRY ANGLE	EXIT ANGLE
16.00°	12.00°
ENTRY TANGENT	EXIT TANGENT
57.80'	38.85'
ENTRY RADIUS	EXIT RADIUS
1800'	1800'

STATIONS AND ELEVATIONS

ENTRY POINT	
PC-1	
PT-1	
PC-2	

PROJECT INFORMATION

PIPE SIZE & MATERIAL
4-1/2 IF OR 5" X-HOLE STEEL DRILL PIPE
HORIZONTAL DISTANCE
4000
CURVE DISTANCE
4012

JOB NO. Q19064-VIRGINIA BEACH

DRAWN BY

LAB
☒ DISCUSSION ONLY
☐ FOR CONSTRUCTION
☐ AS BUILT

THE HDD COMPANY, INC.
4525 SERRANO PARKWAY, SUITE 210
EL DORADO HILLS, CA. 95762
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DWG NO. DWG 1

REVIEWED NO. 2

DATE 20 FEB. 2020

CLIENT **globalinx** subsea colocation

OWNER **globalinx** subsea colocation

GLOBALIX SUBSEA COLOCATION
VIRGINIA BEACH FIBER OPTIC CABLE LANDING

Globalinx Overview

The important things to note are :

*Our conduit construction is totally nonintrusive, and is NOT at any stage open trench . It is totally directional deep drilling both in the water and the land run from Sandbridge to Corporate landing Data Center. There is no open Trenching of the conduits .

* During our construction during the winter off season months, there is no disturbance on the beach, in fact drilling is at least 50 feet under ground base finishing three quarters of a mile in the ocean.

 * For the Land run to Corporate Landing, leaving Sandbridge, it is a considerable distance North of the proposed new Sandbridge Road, designed as the alternate route as planned by City Engineers & Kimberly Horne.. 4 x 4 inch standard. All underground directional drilled.

All Underground Drilling-Very Minimal Construction Impact

*On completion of the project the only evidence of the work in the parking lot will be standard utility manholes visible in the parking lot.
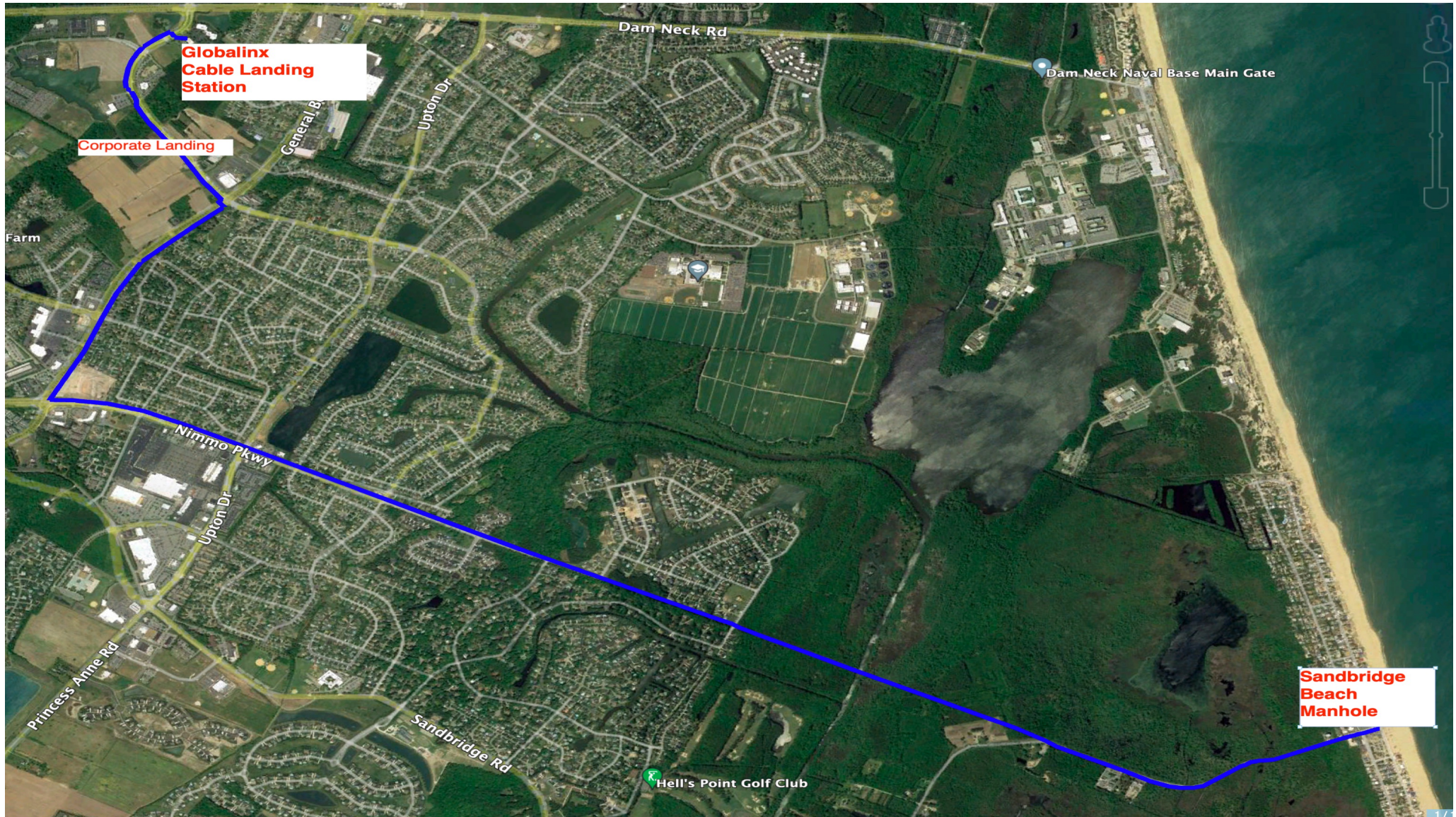
*With our existing, Permit we have Army Corps of Engineers 408 and National Wide 12, DEQ approvals, and for the new revised approval, since it is a slight modification, we expect to receive the same approvals .

 *There is minimal interference with vegetation, fishery and wildlife , and in the built-up areas there is little disturbance and disruption,

Timing

*All work from the water to the parking lot landing BMH (beach manhole) will be undertaken in off season (winter) over a period of no more than two and a half months. With no impact to traffic at any time.
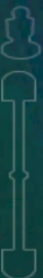
*The work from the BMH to the Cable Landing Station will take approximately 6 months

Globalinx
Cable Landing
Station

Corporate Landing

Dam Neck Rd

Dam Neck Naval Base Main Gate

Farm

Upton Dr

General B.

Nimmo Pkwy

Upton Dr

Princess Anne Rd

Sandbridge Rd

Hell's Point Golf Club

Sandbridge
Beach
Manhole

Globalinx Virginia Beach Data Center in Operation

Globalinx Phase one Starline A+B. Busway

Tier 3 Up Time equivalent

A full 2 N+1 Data Center , one of a handful in the State of Virginia

Completed and fully operational in 2019

Two years running at 100% Uptime!

In 2021 Full 100% completed infrastructure buildout at 2.5 mgw

Housing Network Carriers

Leading Local Businesses Secure Server Hosting and Managed Services

We provide
Tech workspaces
For our guests

![globalinx logo — subsea colocation]
Pioneers of Subsea Carrier-Neutral Colocation in Virginia Beach

Current completed Fiber infrastructure

*Two diverse conduit systems consisting of 8 conduits along each North and South side of Corporate Landing Pkwy connecting globalinx to Telxius.

*Conduit and dark fiber network owned and operated by globalinx.

* 2 X 864 diverse fiber network connecting globalinx to Telxius.

* 2 X 434 diverse fiber networks from end to end in Corporate Landing constructed for Globalinx Customers use.
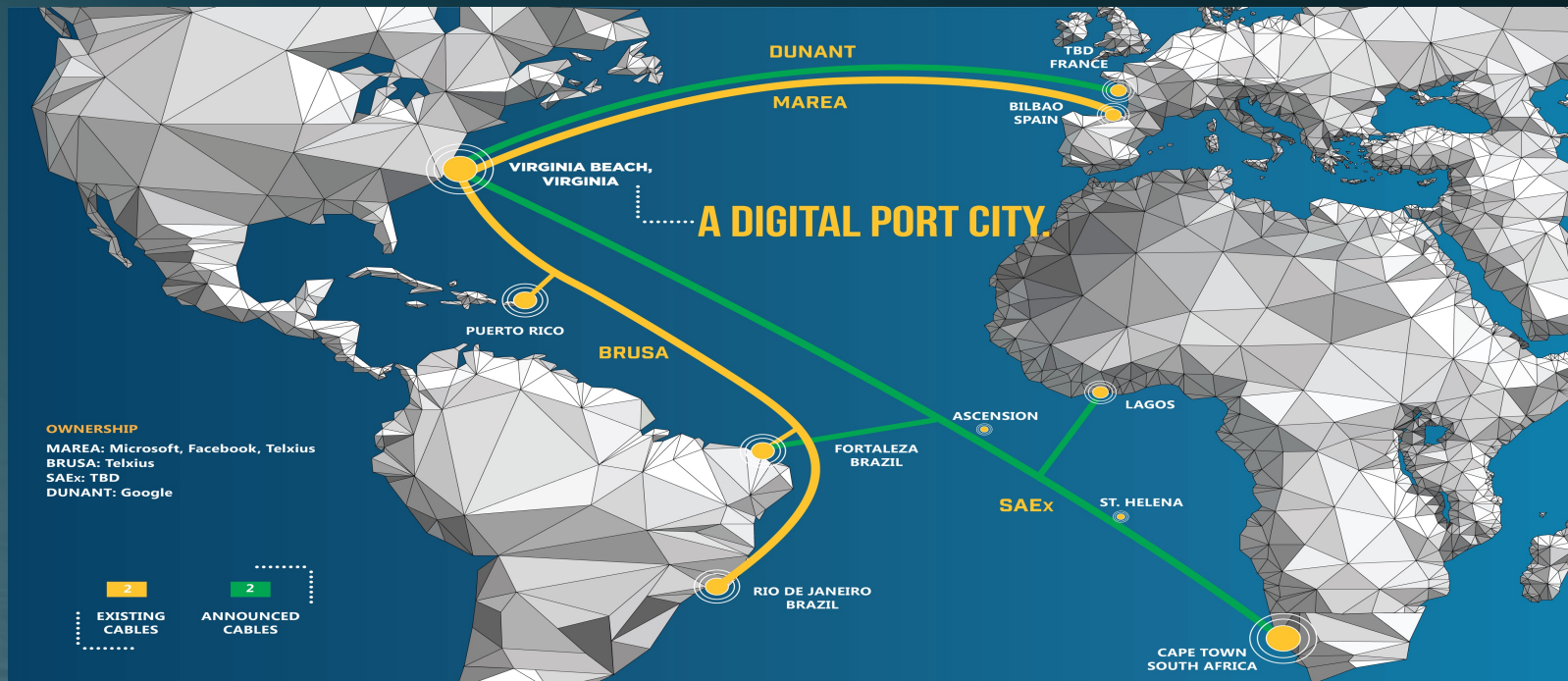
*Future available subsea cable conduit system along Dam Neck connecting to Camp Pendelton & Sanbridge landings.

*Globalinx tenants are a simple cross connect away from BRUSA MAREA& DUNANT Sub Sea Cables

GLOBALINX
1632 Corporate Landing Pkwy

GLOBALINX FIBER BUILD
864 COUNT FIBER DIVERSE
432 COUNT FIBER DIVERSE

TELXIUS

GENERAL BOOTH BVD

*Globalinx partnership with Telxius will host a new digital hub location for enterprises, OTT's, and carriers to connect via a cross connect from globalinx extensive diverse 864 fiber network connecting globalinx campus to Telixus CLS.
*Globalinx campus is connected to two diverse terrestrial subsea landing routes consisting of Camp Pendelton where MAREA BRUSA & Googles Dunnant *Globalinx 11.5 acres is the ONLY hardened structured carrier neutral data center facility in Virginia Beach which is readily available for tenants to extend their global reach into South & Latin America, Carribean, Spain and Europe. And of course North America

Current Globalinx Carriers
Bringing better lowest latency, fully redundant broadband Connectivity to Virginia Beach

Contact for inspection
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greg.twitt@globalinxdatacenters.com

Thank You!