DEPARTMENT OF THE ARMY PERMIT

Permittee: **South Fork Wind, LLC**
56 Exchange Terrace, Suite 300
Providence, Rhode Island 02903
(401) 871-4973

Permit Number: **NAN-2020-01079**

Permit Date: January 18, 2022

Issuing Office: **US Army Corps of Engineers, New York District**

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer. You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description:

South Fork Wind Farm (SFWF): Under Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), construct no more than twelve (12), offshore wind turbine generators (WTGs) each on a 36-foot diameter single steel monopile foundation, via pile driving, with an approximately 225-foot diameter rock scour protection base around each monopile, in up to 15 identified locations within BOEM lease area OCS-A 0517 arranged in a uniform east–west and north–south grid, with 1 nautical mile (nm) by 1 nm spacing between WTG's, and with diagonal transit lanes a minimum of 0.6 nm wide.

Construct an Offshore Substation (OSS) within BOEM lease area OCS-A 0517 on a platform supported by a single 36-foot diameter steel monopile foundation with an approximately 225-foot diameter rock scour protection around the base of the monopile.

Install within BOEM lease area OCS-A 0517, via mechanical cutter, mechanical plow (which may include a jetting system), and/or jet plow, up to approximately 21.4 miles of 12-inch diameter submarine inter-array cables buried to a minimum coverage depth ranging from 4-6 feet measured from the top of the submarine inter-array cable to the seafloor. The total maximum permanent seabed footprint of the submarine inter-array including secondary cable protection (e.g., concrete matting, fronded mattresses, rock bags, or rock placement) within BOEM lease area would be approximately 12.7 acres.

South Fork Export Cable (SFEC): Under Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), from the OSS, install approximately 58.3 miles of the total approximately 62 miles, of a 12-inch diameter submarine export cable via mechanical cutter, mechanical plow (which may include a jetting system), jet plow and/or displacement plow, buried to a minimum coverage depth ranging from 4-6 feet measured from the top of the submarine export cable to the seafloor. The total maximum permanent seabed footprint of the submarine export cable including secondary cable protection (e.g., concrete matting, fronded mattresses, rock bags, or rock placement)

between BOEM lease area and territorial seas would be approximately 15 acres.

Under Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344) install approximately 3.36 miles of the total 62 miles of submarine export cable located within territorial seas via mechanical cutter, mechanical plow (which may include a jetting system), jet plow and/or displacement plow buried minimum coverage depth of 6 feet measured from the top of the submarine export cable to the seafloor. The total maximum permanent seabed footprint of the submarine export cable including secondary cable protection within territorial seas would be approximately 0.6 acres.

Install approximately 0.34 miles (approximately 1,800 feet) of the submarine export cable using Horizontal Directional Drilling (HDD) as measured from mean high water (MHW) to the HDD exit location. The sea to shore transition submarine export cable will be buried a minimum depth of 30-feet below the existing beach profile.

At the HDD exit location, construct a temporary 530-foot-long by 185-foot-wide square foot cofferdam to dewater and dredge approximately 26,500 cubic yards of material to depths ranging from 10-17 feet below the existing grade. Discharge the approximately 26,500 cubic yards of dredged material within the cofferdam footprint after the submarine export cable is installed.

Lake Montauk Operations and Maintenance Facility (O&M Facility): Dredge, with 10-year maintenance, by mechanical clamshell bucket dredge up to approximately 2,500 cubic yards (CY) of sediment from an approximately 18,045 square foot area to a depth of 12 feet below the plane of mean low water (MLW), including a 1-foot over depth. The dredged material would be placed into dredge scows and decanted of excess water into the waterway and disposed of at a State approved upland facility outside of Corps Section 404 jurisdiction (upland). The permittee will conduct annual dredging and placement in the same locations up to approximately 1,500 cubic yards per event.

From the existing bulkhead at the O&M facility, install perpendicular to the shoreline a four-foot-wide by 28-foot-long ramp leading to a 16-foot-wide by 100-foot-long float in a L shaped configuration supported by five (5), two-foot diameter steel piles; install one (1) two-foot diameter steel monopile with donut fendering and mooring ring on the western terminus of the float. The five (5), steel piles and single monopile will be filled with approximately 13 CY of flowable concrete below the spring high tide line.

All work shall be performed in accordance with the attached dated permit drawings; Special Conditions (A) through (P) listed below, the New York State Department of Environmental Conservation Section 401 Water Quality Certificate Number 1-4724-00371/00040 and the New York State Public Service Commission Section 401 Water Quality Certificate Case 18-T-0604, which are all hereby made part of this permit.

Project Location:

IN: Atlantic Ocean and Lake Montauk

AT: BOEM Renewable Energy Lease Area OCS-A 0517 (Deepwater Wind South Fork, LLC lease area), export cable landfall in Town of East Hampton, Suffolk County, New York, Operations and Maintenance Facility in Lake Montauk, Town of East Hampton, Suffolk County, New York

Permit Conditions:

General Conditions:

1. Time limit for completing the regulated work authorized herein ends on January 18, 2032**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least two (2) months before the above date is reached.**

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. The permittee shall allow representatives from this office to inspect the authorized activities at any time deemed necessary; and shall promptly provide any required written reports, to ensure that authorized activities are being or have been accomplished in accordance with the terms and conditions of this permit.

Special Conditions:

(A) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized

representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

(B) The permittee shall comply with all mitigation and monitoring measures specified within pages 25-66 of BOEM's "Conditions of COP Approval."

(C) The permittee shall comply with all Reasonable and Prudent Measures and Terms and Conditions within the October 1, 2021, Biological Opinion titled "National Marine Fisheries Service Endangered Species Act Section 7 Consultation Biological Opinion", as amended November 1, 2021, and any future amendments in order to avoid, minimize, and/or mitigate for adverse effects to endangered species or their critical habitat.

(D) The permittee shall comply with all measures in the final Marine Mammal Protection Act (MMPA) Incidental Harassment Authorization (IHA) dated January 3, 2022 and published in the Federal Register on January 6, 2022 (87 FR 806) and any future amendments.

(E) The permittee shall comply with the November 23, 2021 Memorandum of Agreement titled "Memorandum of Agreement Among the Bureau of Ocean Energy Management, The Massachusetts State Historic Preservation Officer, The Rhode Island State Preservation Officer, The New York State Historic Preservation Officer, and the Advisory Council on Historic Preservation Regarding the South Fork Wind Farm and South Fork Export Cable Project".

(F) The permittee shall submit the following information, at a minimum, to First Coast Guard District by email D1LNM@uscg.mil a minimum of 14 days before starting operations for publication in the Local Notice of Mariners.

Date of Submission
Name, Phone Number, Email Address of Project Point of Contact
Company Name
Type of Work
Waterway and Location (where work will be done)
Latitude and Longitude of Work Area (Degrees, Minutes, Thousandths of Seconds)
Work Start and Stop Dates and Hours of Operation
Equipment on Scene
Passing Arrangements/Time to Move Vessel to Not Impede Navigation
VHF Radio Channel Monitored,
Disposal Site (if used)
NOAA Chart Number for the Area.

(G) The permittee shall contact USCG Aids to Navigation Officer at (203)-468-4454 to request the movement of any Federal Channel marker buoys a minimum of 30 days in advance if necessary, for the completion of the project.

(H) The permittee shall notify the National Oceanic and Atmospheric Administration of the project completion and specifications so they may initiate the appropriate char and Coast Pilot corrections. This must be submitted online at https://nauticalcharts.noaa.gov/charts/docs/charts-updates/Permit-Public-Notice.pdf and include a copy of the USACE permit.

(I) The permittee shall ensure any current, or future, outdoor lighting on waterfront structures is located or shielded so that it is not confused with any aids to navigation and does not interfere with navigation on the adjacent waterway.

(J) The permittee shall contact First Coast Guard District Private Aids to Navigation (PATON) at (617)-223-8347 if any privately owned buoys need to be disestablished or moved.

(K) The permittee shall be responsible for developing and submitting an anchoring plan specifically delineating areas of complex habitat around the submarine export cable and identifying areas restricted for anchoring within 3 nautical miles of the shoreline. Anchor chains should include mid-line buoys to minimize impacts to benthic habitats from anchor sweep where feasible. The habitat maps and inshore maps delineating eelgrass habitat adjacent to the O&M facility, should be provided to all construction and support vessels to ensure no anchoring of vessels be done within or immediately adjacent to these complex habitats. The anchoring plan must be submitted to this office and National Marine Fisheries Service (NMFS) 90 days prior to construction allowing the Corps and NMFS 30 calendar days to review and comment. The permittee is responsible for addressing all comments if received before construction activities can begin.

(L) The permittee shall avoid nearshore dredging and silt producing activities associated with the sea-to-shore submarine export cable installation and proposed O&M improvements that occur at or adjacent to water depths 5 meters or less, from January 1 to May 31 of any calendar year to protect sensitive life history stage winter flounder Essential Fish Habitat (EFH).

(M) The permittee shall avoid dredging and placement of dredged material at the O&M facility between April 15 to July 15 of any calendar year to minimize impacts to horseshoe crab spawning.

(N) The permittee shall submit to the Corps within 90 days post submarine export cable installation, a high precision, and high accuracy, sub-meter GPS, as-built survey, prepared and certified by a state-certified and licensed professional engineer or

surveyor. The survey shall be between and from the offshore substation to landfall, and must show the cable burial depth, accurate to + or – 12 inches, not less than every 50 horizontal feet.

(O) The permittee shall submit all required information to New York District Army Corps of Engineers, Regulatory Branch with a hard copy to U.S. Army Corps of Engineers, N.Y. District, Attn: Regulatory Branch, Room 16-406, 26 Federal Plaza, New York, NY 10278. The permittee shall also submit all required information via email to CENAN-R-Permit-App@usace.army.mil.

(P) The permittee shall ensure compliance with the, one time, safety setback from the submarine export cable to the southwestern edge of the existing Fire Island Inlet to Montauk Point, NY, Borrow Area 7A as depicted on sheet 2 of 52 titled "Indicative South Fork Export Cable Proximity to Borrow Pit" dated October 30, 2020.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S. Code 403).

(X) Section 404 of the Clean Water Act (33 U.S. Code 1344).

( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization:

a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability: in issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions: General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

PERMITTEE: South Fork Wind, LLC
PERMIT NUMBER: NAN-2020-01079

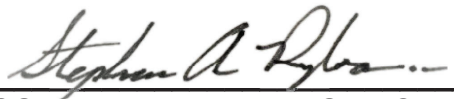
Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

January 20, 2022

(PERMITTEE) **(DATE)**

South Fork Wind, LLC

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.



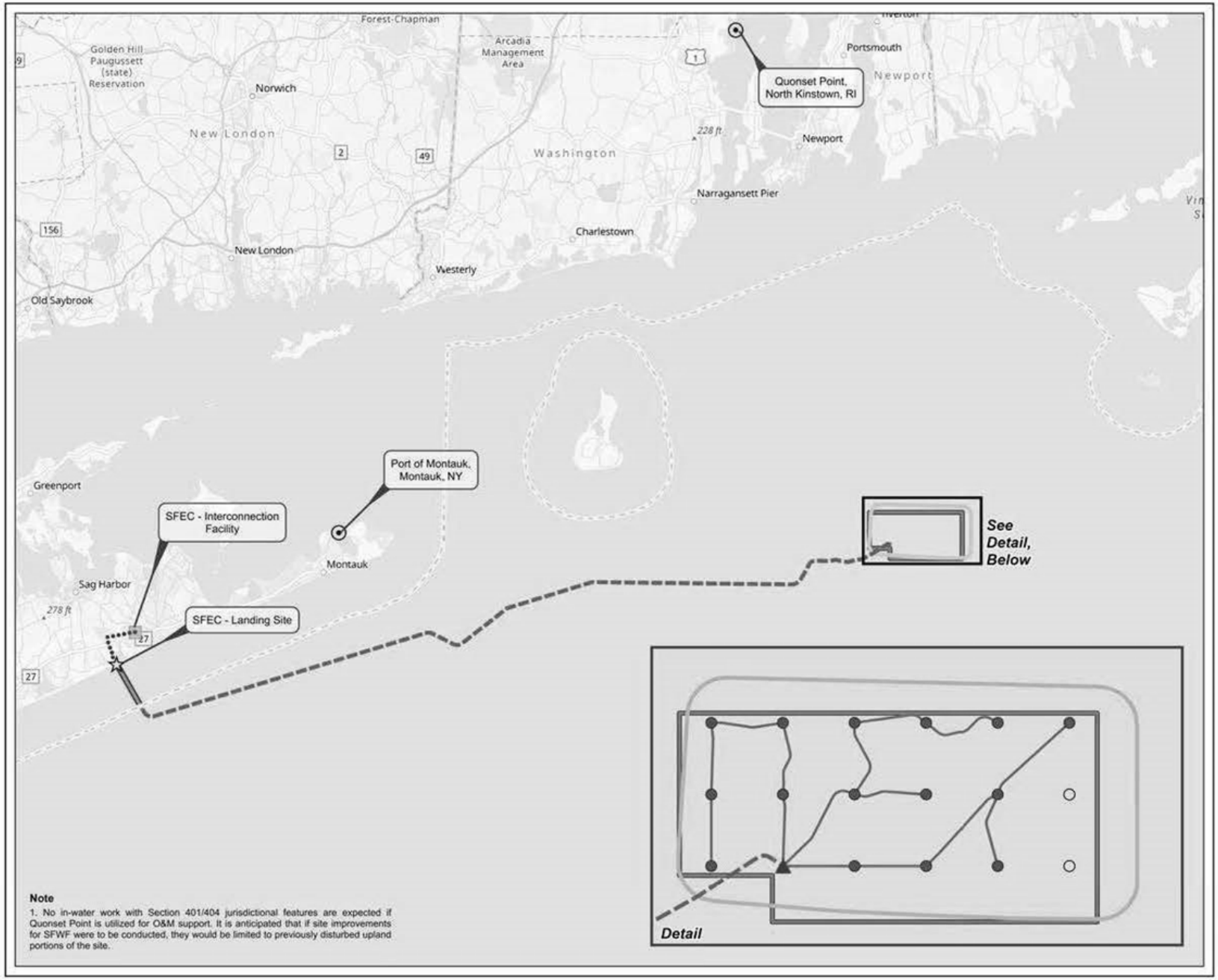
January 18, 2022

(COMMANDER AND DISTRICT ENGINEER) **(DATE)**

FOR AND IN BEHALF OF
Matthew W. Luzzatto
Colonel, U.S. Army
Commander and District Engineer

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below. A copy of the permit signed by the transferee should be sent to this office.

(TRANSFEREE) **(DATE)**



Project Vicinity Map

South Fork Wind | Powered by Ørsted & Eversource

Legend

3-Nautical Mile State Waters Boundary

South Fork Wind Farm (SFWF)

- SFWF Lease Area (OCS-A 0517)
- Potential O&M Facility Site
- Offshore Substation
- SFWF Maximum Work Area (including all anchor/mooring areas)
- SFWF Wind Turbine Generator
- SFWF Wind Turbine Generator (Alternate Location)
- SFWF Inter-array Cable

South Fork Export Cable (SFEC)

- SFEC New York State Waters (NYS)
- SFEC Federal Waters (OCS)
- SFEC Onshore
- SFEC - Interconnection Facility
- SFEC Landing Site

Sources

Project Information Provided by South Fork Wind
U.S. Geological Survey (USGS), U.S. Environmental Protection Agency (EPA), U.S. National Park Service (NPS), Food and Agriculture Organization of the United Nations (FAO), Department of Natural Resources Canada (NRCAN), HERE, and Esri

Date	12/01/2020
Prepared By	Stantec

0 5 miles
0 8 km

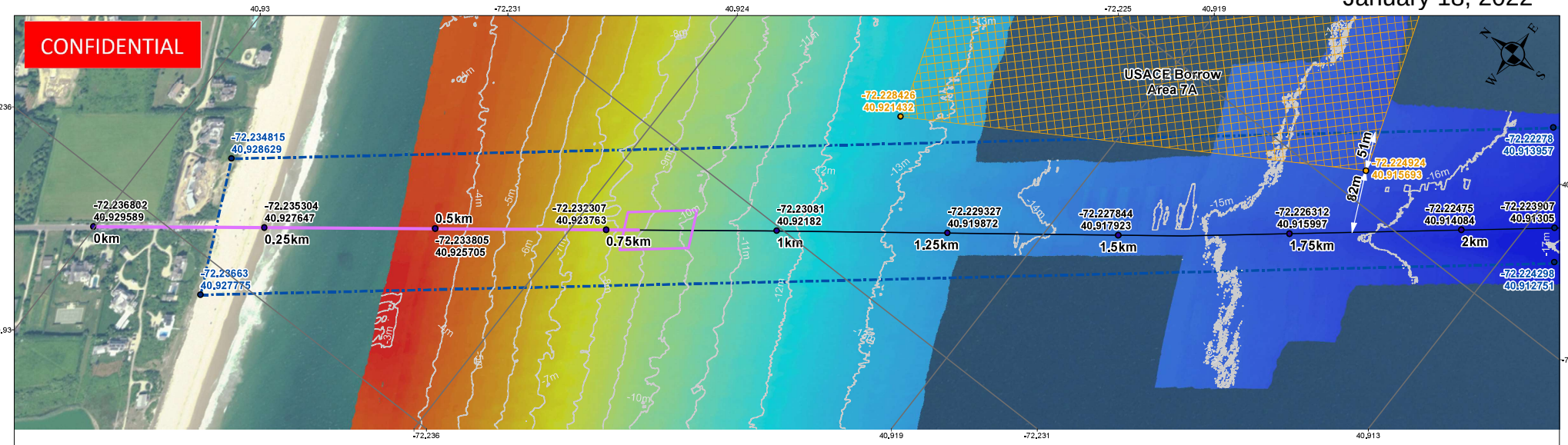
N

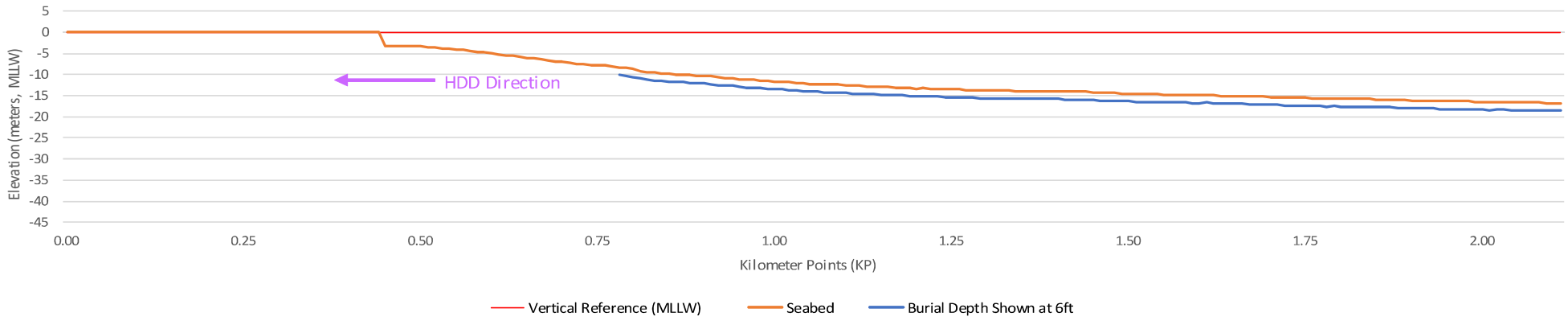
Scale at 11x17: 1:450,000
NAD 1983 2011 UTM Zone 19N

REFERENCE MAP

USACE FILE: NAN-2020-1079-EME

January 18, 2022



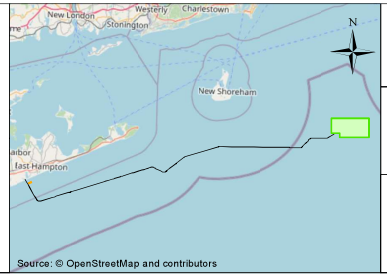


Legend

- 250 Meter Points
- Anticipated Cable Route
- Contours (1m)
- Preliminay HDD Line
- Preliminay HDD Exit Location
- USACE Borrow Area 7A
- Limit of Micro-routing Corridor
- BOEM Lease OCS-A 0517 (SFW01)

Fugro Bathymetry 2017, 2018
MLLW (m)
High : -2.9
Low : -17

Notes:
1) Preliminary design, not for construction.
2) This drawing has been prepared to show the profile of the proposed HDD and export cable area with burial depth.
3) Target burial depth is 4-6ft.
4)The exit pit and cable are indicative and will be positioned within the cable corridor
5) The values are based on Bathymetry aquired by Fugro in 2017.
6) Sources: © OpenStreetMap (and) contributors, CC-BY-SA
Esri, USDA Farm Service Agency
7) HDD depth and location will be determined based on final engineering design.
8) This drawing is in WGS84 and coordinates provided are in Latitude and Longitude.



Indicative South Fork Export Cable Proximity to Borrow Pit

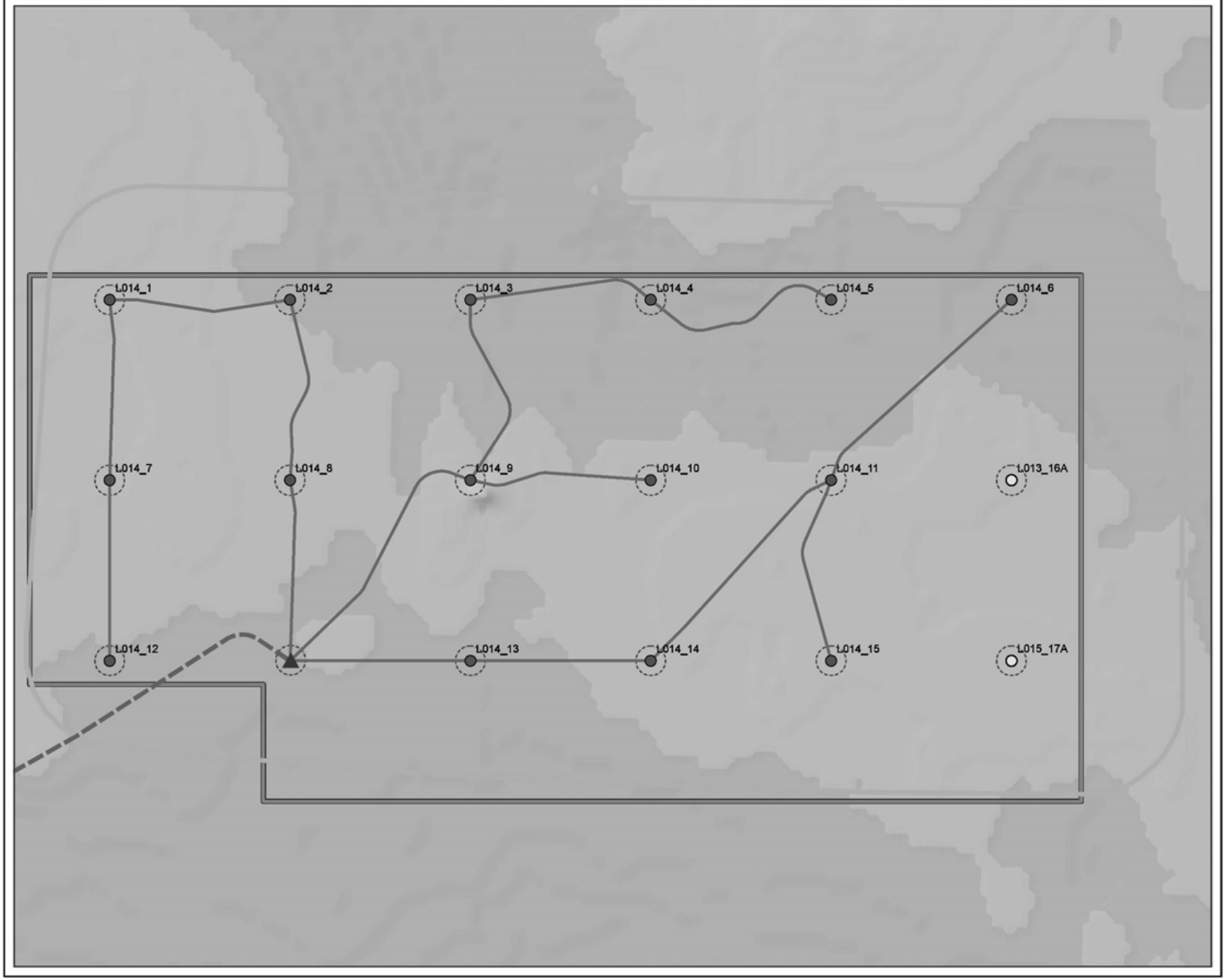
Date: 30/10/2020
Created by: XDAEF
Checked by: XAMIJ
Approved by: KIRTR

Ørsted

Reference system: GCS_WGS_1984 Projection: WGS84
Scale @ ANSI B 11" x 17": 1:6,000

0 25 50 100 150 200 250 m
0 125 250 500 750 ft

Document Name: SFW01114_OffCC_NearshoreProfile_WGS84_20200928



SFWF
Indicative Layout

South Fork Wind | Powered by Ørsted & Eversource

Legend

South Fork Wind Farm (SFWF)

- SFWF Lease Area (OCS-A 0517)
- SFWF Maximum Work Area (including all anchor/ mooring areas)
- Offshore Substation
- SFWF Wind Turbine Generator (1 nm x 1 nm)
- SFWF Wind Turbine Generator (Alternate Location)
- SFWF Inter-array Cable
- Foundation Micro-siting (152.4 m radius) (500 ft)

South Fork Export Cable (SFEC)

- SFEC Federal Waters (OCS)

Notes

1. Figure is representative and the icons depicting the foundations are not drawn to scale. The WTG foundations will be approximately 36 ft (11 m).
2. Locations for Inter-array Cable and SFEC depict anticipated routes. Final location may vary based on final engineering and field conditions.
3. Locations for WTG and OSS are approximate and final location will be located within a 500 foot (152.4 meter) radius, based on final engineering and field conditions.

Sources

Project Information Provided by South Fork Wind
U.S. Geological Survey (USGS), U.S. Environmental Protection Agency (EPA), U.S. National Park Service (NPS), Food and Agriculture Organization of the United Nations (FAO), Department of Natural Resources Canada (NRCAN), HERE, and Esri

Date	12/01/2020
Prepared By	Stantec

0 5 miles
0 8 km

N

Scale at 11x17: 1:450,000
NAD 1983 2011 UTM Zone 19N

REFERENCE MAP

FOUNDATION LOCATIONS AND WATER DEPTH FOR INDICATIVE LAYOUT

Label		Spatial Reference: NAD83 (2011) UTM Zone 19N – EPSG 6348						Depth (m; MLLW)*
OSS_ID	OSS_RDSPP	Easting (m)	Northing (m)	Longitude	Latitude	Longitude (DD MM SS, SSS)	Latitude (DD MM SS, SSS)	
OSS1		317874	4549444	-71.167965	41.07587	-71° 10' 4.676"	41° 4' 33.133"	-34.94

Label		Spatial Reference: NAD83 (2011) UTM Zone 19N – EPSG 6348						Depth (m; MLLW)*	Depth (m; MLLW)***
WTG_ID	WTG_RDSPP	Easting (m)	Northing (m)	Longitude (DD)	Latitude (DD)	Longitude (DD MM SS, SSS)	Latitude (DD MM SS, SSS)		
L013_1		316022	4553148	-71.191104	41.108795	-71° 11' 27.973"	41° 6' 31.662"	no data	-33.575
L013_2		317874	4553148	-71.169062	41.109212	-71° 10' 8.624"	41° 6' 33.164"	no data	-34.64
L013_3		319726	4553148	-71.147021	41.109625	-71° 8' 49.274"	41° 6' 34.651"	-36.49	-36.273
L013_4		321578	4553148	-71.124978	41.110034	-71° 7' 29.922"	41° 6' 36.123"	-40.74	-40.538
L013_5		323430	4553148	-71.102935	41.110439	-71° 6' 10.568"	41° 6' 37.579"	-35.77	-35.662
L013_6		325282	4553148	-71.080892	41.110839	-71° 4' 51.212"	41° 6' 39.021"	-37.79	no data
L013_7		316022	4551296	-71.19055	41.092124	-71° 11' 25.978"	41° 5' 31.647"	no data	-34.034
L013_8		317874	4551296	-71.168514	41.092541	-71° 10' 6.649"	41° 5' 33.148"	no data	-34.995
L013_9		319726	4551296	-71.146477	41.092954	-71° 8' 47.319"	41° 5' 34.634"	-35.39	-35.205
L013_10		321578	4551296	-71.124441	41.093363	-71° 7' 27.986"	41° 5' 36.105"	-34.51	-34.302
L013_11		323430	4551296	-71.102403	41.093767	-71° 6' 8.653"	41° 5' 37.561"	-34.43	-34.103
L013_12		316022	4549444	-71.189996	41.075453	-71° 11' 23.985"	41° 4' 31.632"	no data	-35.729
L013_13		319726	4549444	-71.145935	41.076283	-71° 8' 45.365"	41° 4' 34.618"	-35.79	-35.589
L013_14		321578	4549444	-71.123904	41.076691	-71° 7' 26.053"	41° 4' 36.088"	-35.02	-34.766
L013_15		323430	4549444	-71.101872	41.077095	-71° 6' 6.739"	41° 4' 37.543"	-33.39	-33.221
L013_16A**		325282	4551296	-71.080366	41.094167	-71° 4' 49.317"	41° 5' 39.002"	-34.24	no data
L013_17A**		325282	4549444	-71.07984	41.077495	-71° 4' 47.424"	41° 4' 38.983"	-33.64	no data

Notes:

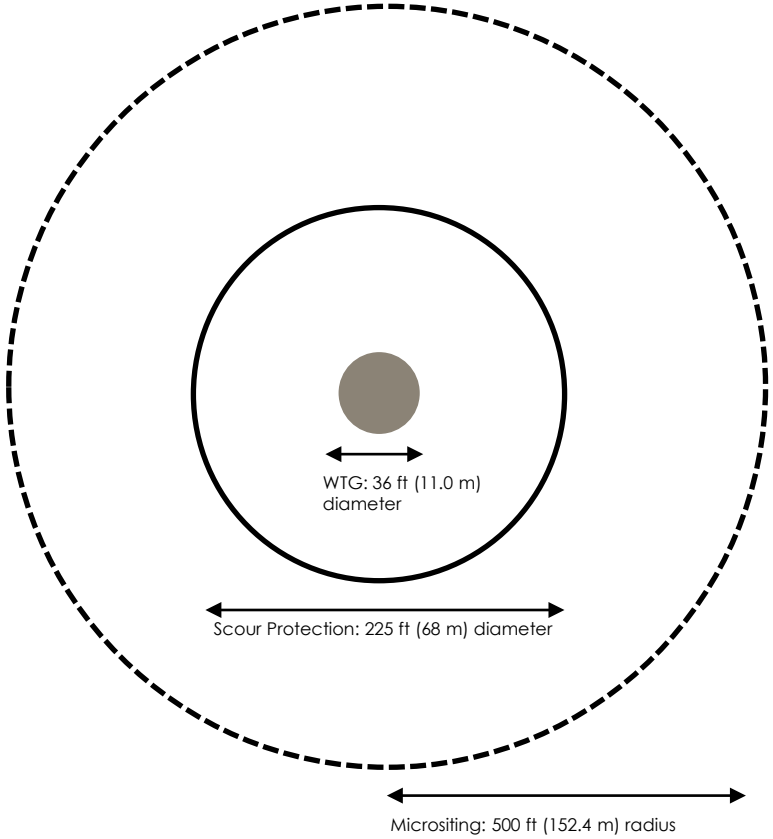
1. Locations for the WTG and OSS provided by Orsted, December 6 2019.
2. WTG 16A and 17A are preliminary contingency positions (noted with **)
3. Depth is in meters below feet below Mean Lower Low Water (MLLW). Depth for MLLW is based on 2018 Fugro MBES survey data (noted with *) and/or 2017 Fugro MBES survey data (noted with ***).

SFWF Indicative Layout
Foundation Locations
12/6/19

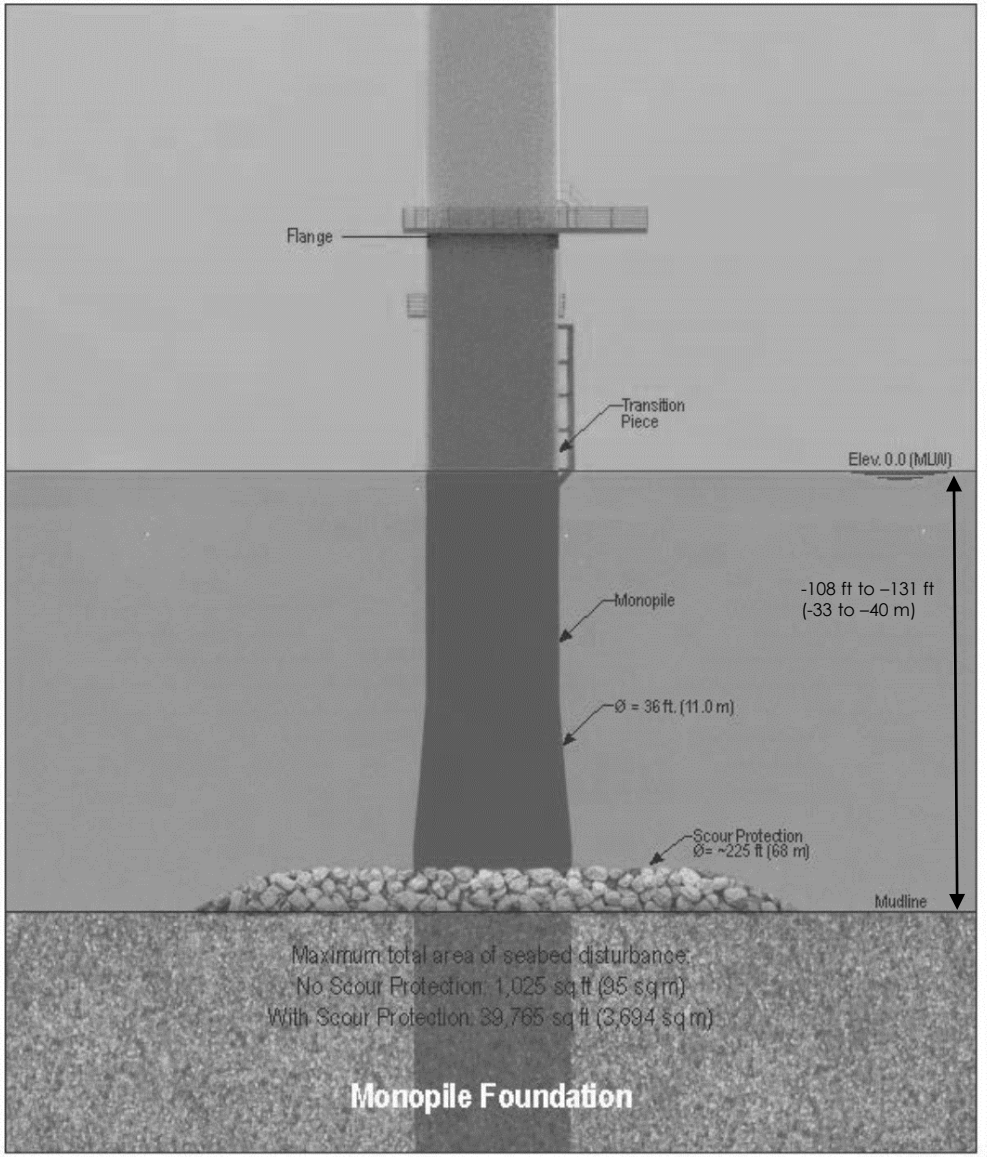
Sheet 3 of 44

South Fork Wind | Powered by Ørsted & Eversource

SFWF Foundation Plan (for WTG and OSS)



SFWF Foundation Cross-Section (for WTG and OSS)



Notes:

1. Details provided by South Fork Wind.
2. Each WTG will be supported by one steel monopile foundation embedded into the seafloor. The foundation base diameter will be 36 feet (11.0 m). Typical monopile embedment is anticipated to be up to 295 ft (90m). The final embedment will be determined based on final engineering.
3. Total maximum permanent footprint will be 635,976 ft^2 (59,084 m^2), 14.6 acres (5.9 ha) and total temporary seabed disturbance will be 36,391,264 ft^2 (3,380,859 m^2), 835.6 acres (338 ha). See Application Table 1 for additional information.
4. Conservatively assumes scour protection is placed around the base of each foundation in a circle with a diameter of 225 feet (68 m). The seabed footprint for scour protection is 38,740 ft^2 (3,599 m^2),

Typical Details
12/03/21

Sheet 4 of 44

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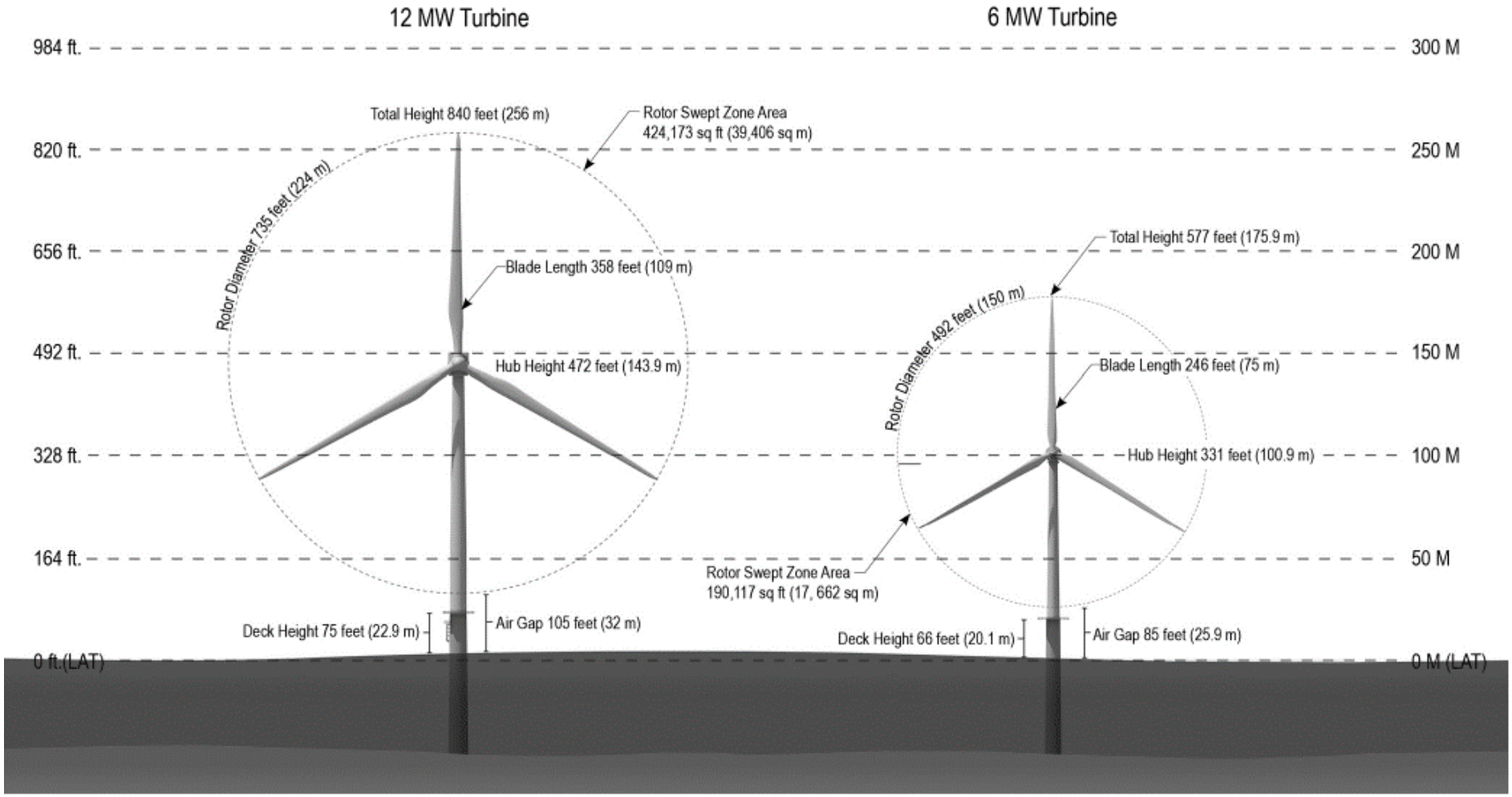
SFWF Wind Turbine Generator Cross-Section



Notes:

1. Details provided by South Fork Wind.
2. Each WTG will be comprised of the following major components: a tower, nacelle and rotor which includes the blades. Control, lighting, marking, and safety systems will be installed on each WTG; the specific systems will vary depending on the turbine selected,
3. Each WTG will be supported by one steel monopile foundation embedded into the seafloor.

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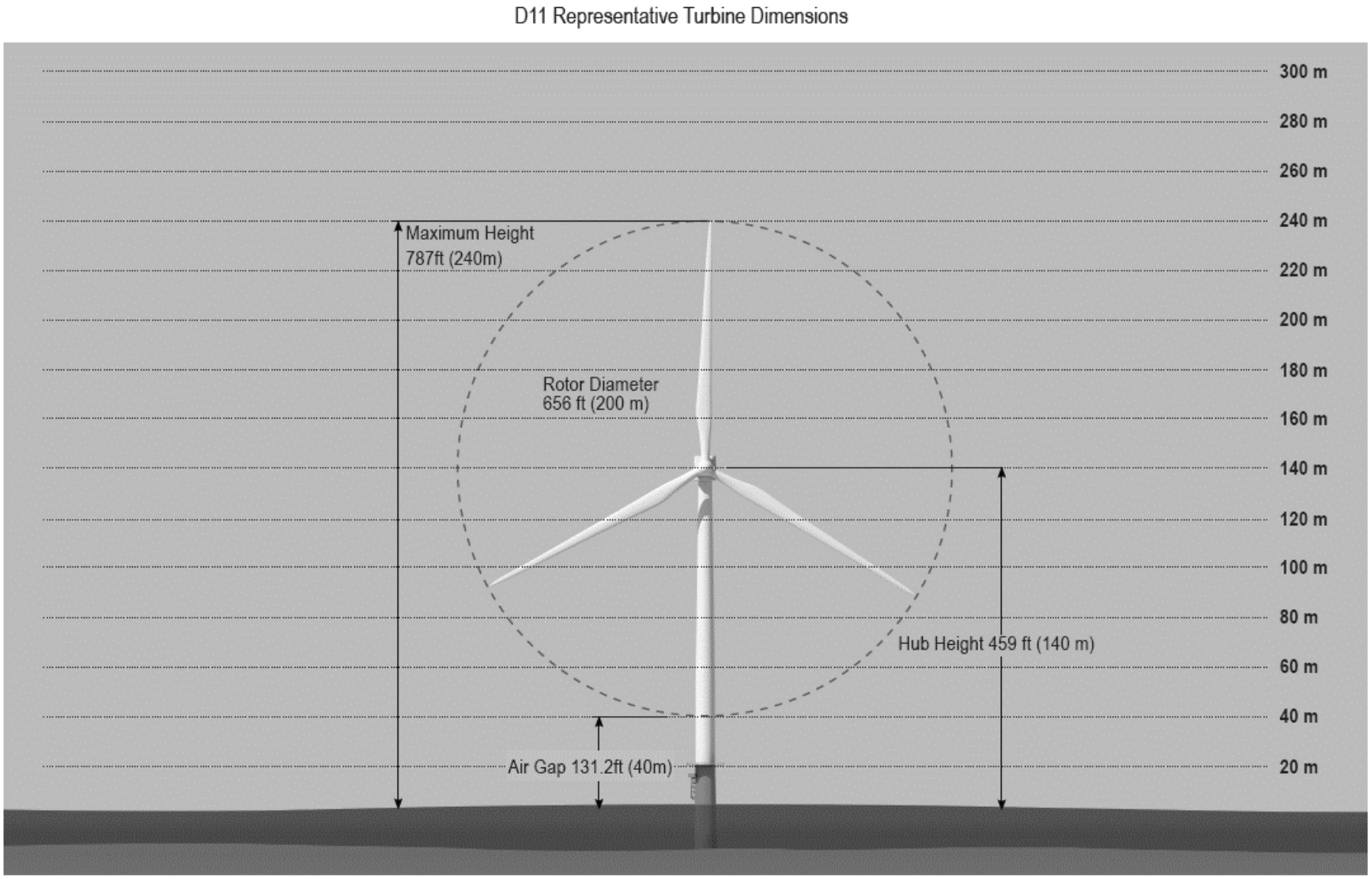
South Fork Wind | Powered by Ørsted & Eversource

SFWF Wind Turbine Generator Cross-Section



Notes:

1. Details provided by South Fork Wind.
2. Each WTG will be comprised of the following major components: a tower, nacelle and rotor which includes the blades. Control, lighting, marking, and safety systems will be installed on each WTG; the specific systems will vary depending on the turbine selected,
3. Each WTG will be supported by one steel monopile foundation embedded into the seafloor.

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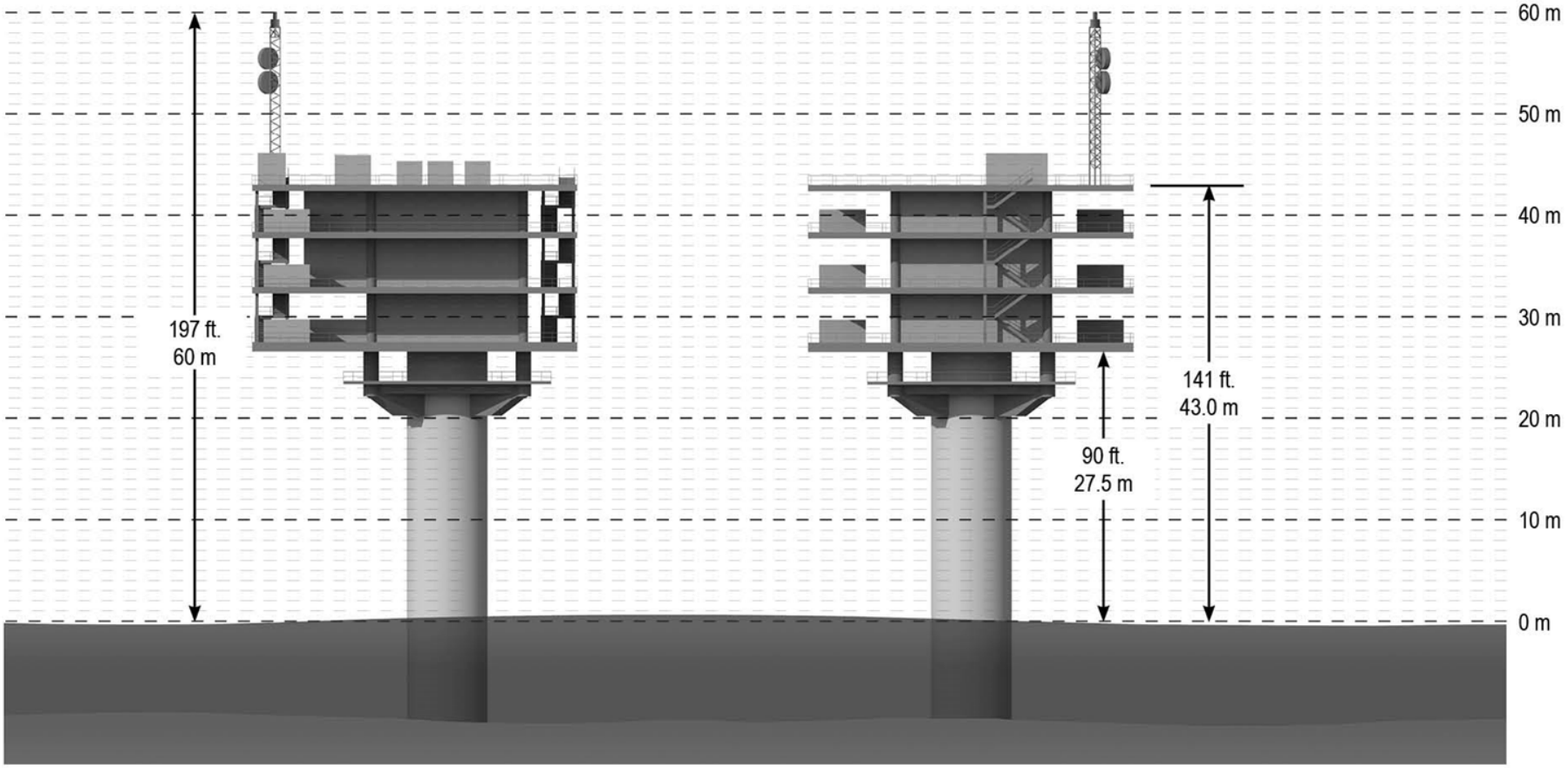
SFWF Offshore Substation Cross-Section



Notes:

1. Details provided by South Fork Wind.
2. The OSS will be above the water located on a platform supported by a foundation similar to those used for the WTGs. The total height of the substation will be 150 to 200 feet (44.7 to 61 m), measured from MSL to the top of the substation.

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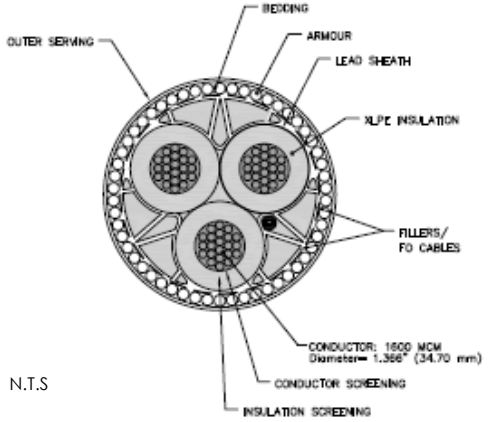
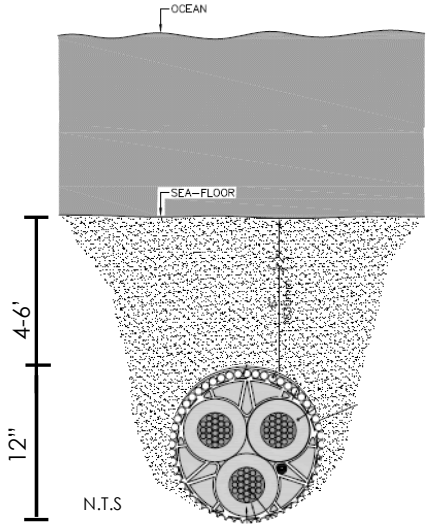
Inter-array Cable CROSS-SECTION

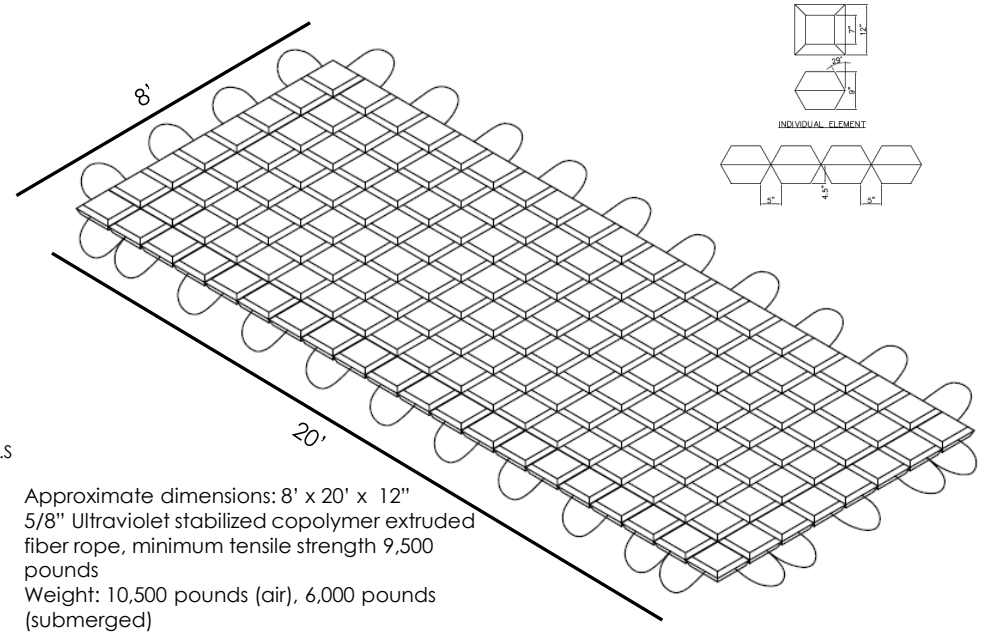


1. 34.5 kV cable.
2. Diameter is approximately 6" to 12" (152 to 304 mm).

Inter-array Cable BURIAL DEPTH



Inter-array Cable CABLE PROTECTION



1. Approximate dimensions: 8' x 20' x 12"
2. 5/8" Ultraviolet stabilized copolymer extruded fiber rope, minimum tensile strength 9,500 pounds
3. Weight: 10,500 pounds (air), 6,000 pounds (submerged)

Notes:

1. Details provided by South Fork Wind.
2. Total maximum permanent footprint for the Inter-array Cable will be 20.2 acres (9.3 ha) and total temporary seabed disturbance will be 340 acres (137.6 ha). See Application Table 1 for additional information.
3. The Inter-array Cable will have target burial depth of 4 to 6 feet (1.2 to 1.8 m) in the seabed, measured in from the seabed to the top of the cable.
4. It is anticipated that up to 10 percent (2.0 miles [3.2 km, 1.8 nm]) may not achieve target burial depth and secondary cable protection systems may be placed in those areas. Cable protection may include concrete matting, fronded mattresses, rock bags, or rock placement (8 feet long by 20 feet wide [2.4 m long by 6.1 m wide]).

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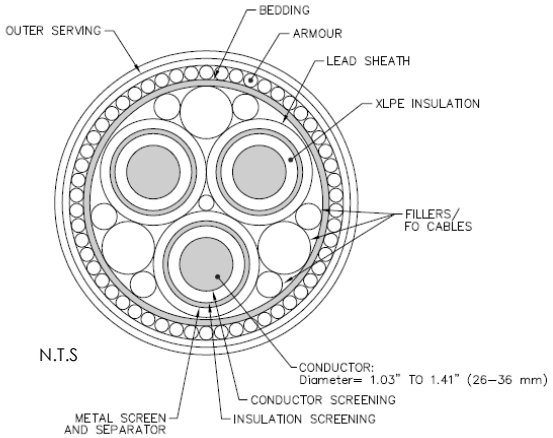
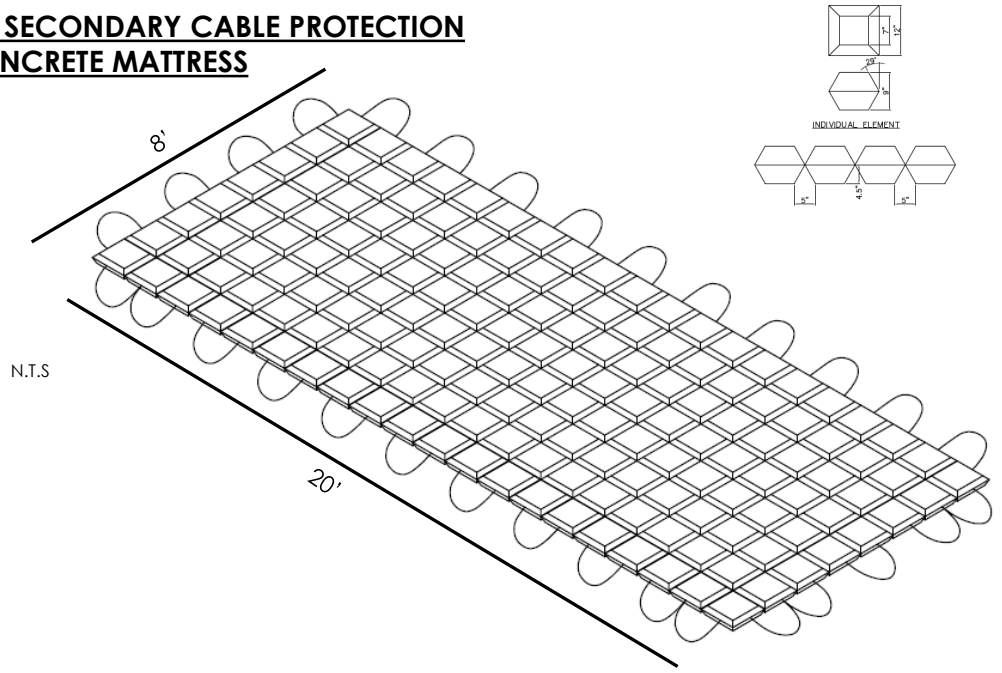
SFEC CROSS-SECTION



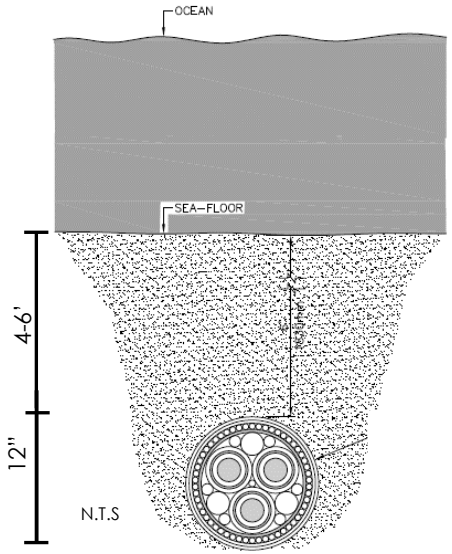
1. 138 kV cable.
2. Diameter is approximately 8" to 12" (20 to 30 cm).

SFEC SECONDARY CABLE PROTECTION – CONCRETE MATTRESS

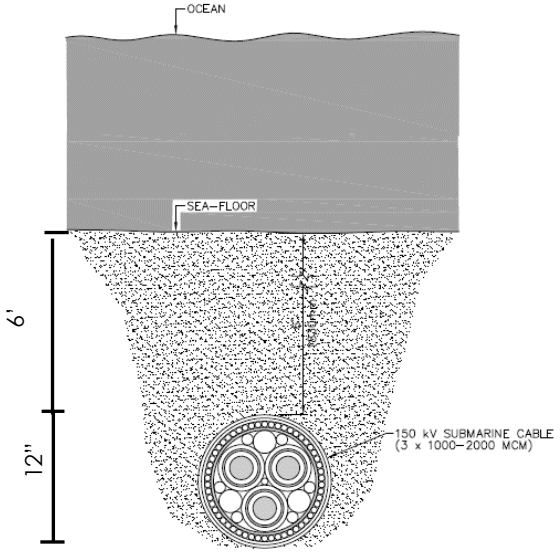


1. Approximate dimensions: 8' x 20' x 12"
2. 5/8" Ultraviolet stabilized copolymer extruded fiber rope, minimum tensile strength 9,500 pounds
3. Weight: 10,500 pounds (air), 6,000 pounds (submerged)

SFEC-OCS BURIAL DEPTH



SFEC-NYS BURIAL DEPTH



Notes:

1. For the SFEC-OCS, total maximum permanent footprint will be 14.8 acres (6.0 ha) and total temporary seabed disturbance will be 555.3 acres (224.7 ha). See Application Table 1 for additional information.
2. Target burial depth for the SFEC-OCS is 4 to 6 feet (1.2 to 1.8 m) in the seabed, measured in from the seabed to the top of the cable. It is anticipated that up to 5 percent may not achieve target burial depth and secondary cable protection systems (7.7 acres [3.1 ha]) may be placed in those areas.
3. For the SFEC-NYS, total maximum permanent footprint will be 0.6 acres (0.26 ha) and total temporary seabed disturbance will be 18 acres (7.29 ha). See Application Table 1 for additional information.
4. The minimum burial depth of the SFEC-NYS will be 1.8 meters (6 feet). It is anticipated that up to 2 percent may not achieve target burial depth and secondary cable protection systems (0.2 acres [0.08 ha]) may be placed in those areas.
5. Cable protection may include concrete matting, fronded mattresses, rock bags, or rock placement (8 feet long by 20 feet wide [2.4 m long by 6.1 m wide]).

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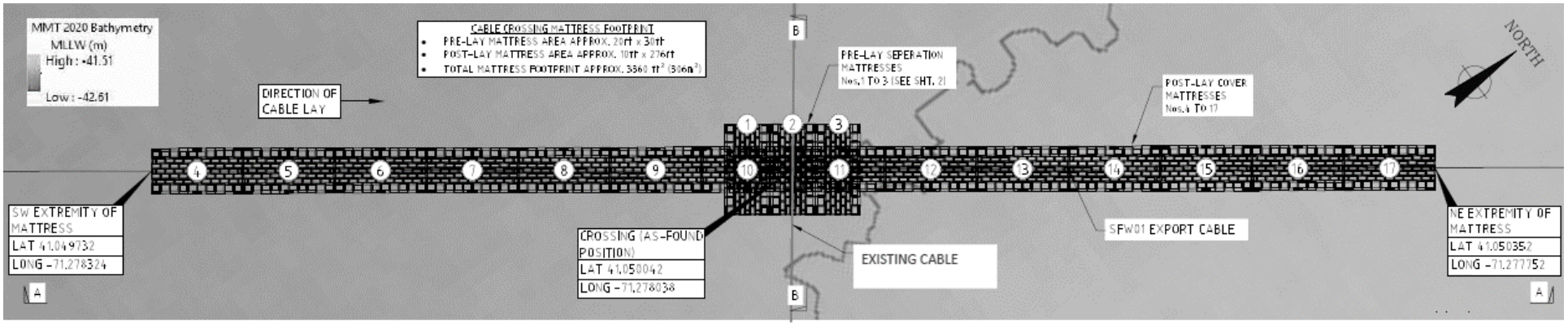
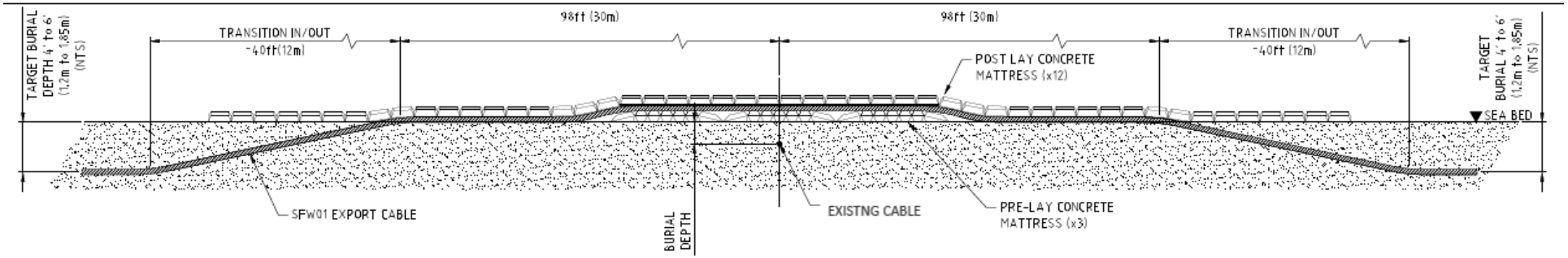
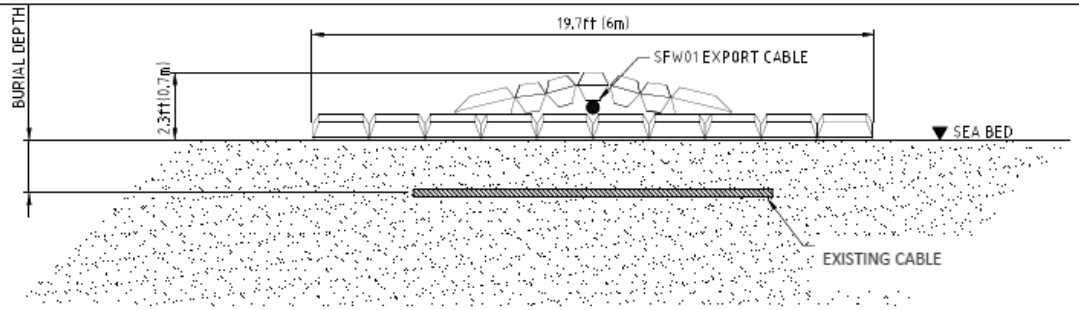
SFEC CROSSING OF EXISTING CABLE



PLAN ON CABLE CROSSING



SECTION A – A
ELEVATION ON MATTRESS CONFIGURATION – (NTS)



SECTION B – B
END ELEVATION ON MATTRESS CONFIGURATION – (NTS)

Notes:

1. Details provided by South Fork Wind.
2. Coordinate system: NAD83 (2011) UTM Zone 19N
3. The proposed route for the SFEC – OCS will cross seven submarine cables. The coordinates for these locations are depicted on the SFEC Plan and Profile drawings.
4. Pre-lay mattresses are oriented perpendicular to the SFW01 Export Cable and post-lay mattresses are oriented parallel to the SFW01 Export Cable, as shown in Section B-B.

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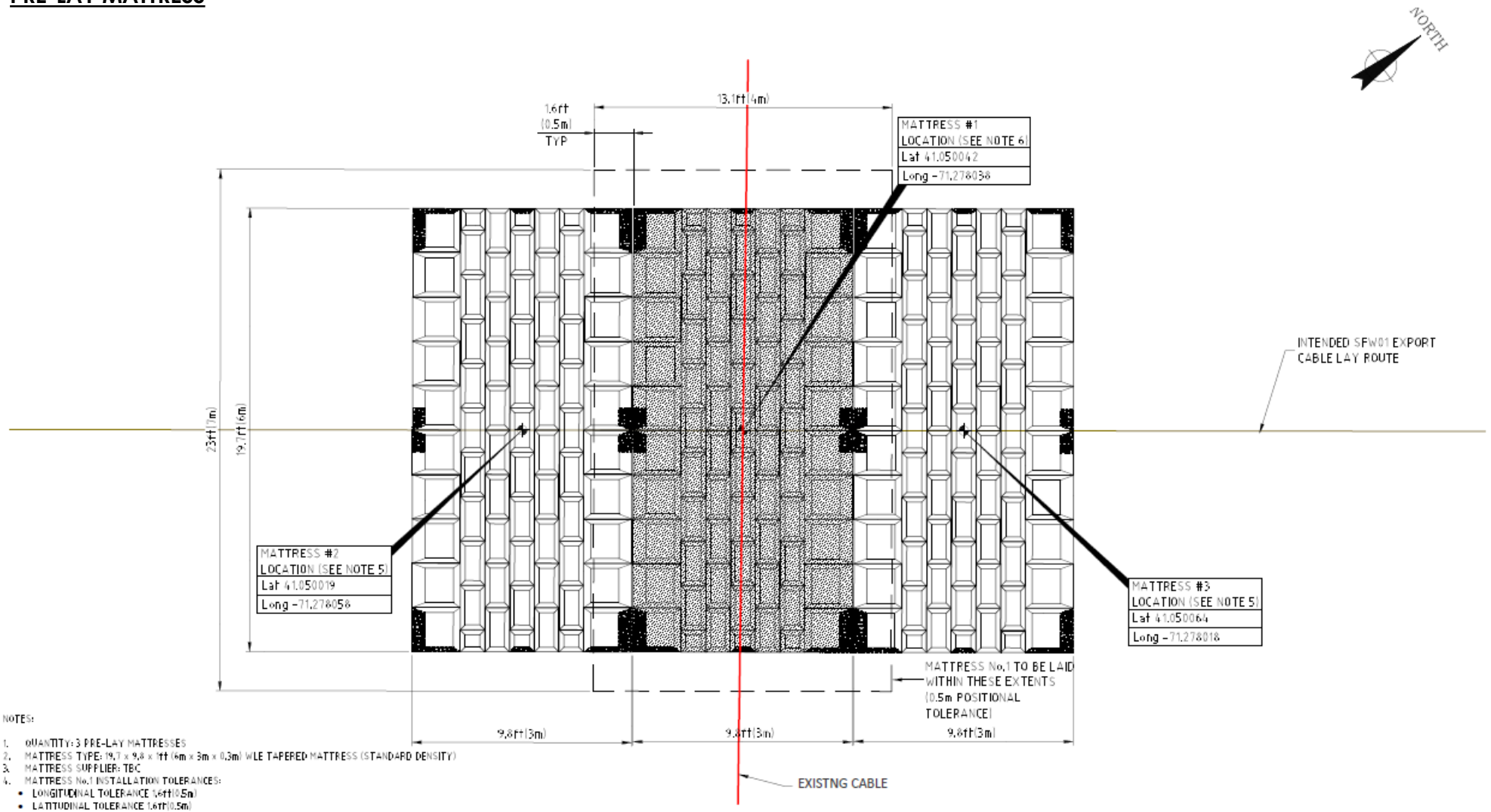
SFEC CROSSING OF EXISTING CABLE – PRE-LAY MATTRESS



NOTES:

1. QUANTITY: 3 PRE-LAY MATTRESSES
2. MATTRESS TYPE: 19.7 x 9.8 x 1ft (6m x 3m x 0.3m) WLE TAPERED MATTRESS (STANDARD DENSITY)
3. MATTRESS SUPPLIER: TBC
4. MATTRESS No.1 INSTALLATION TOLERANCES:
   - LONGITUDINAL TOLERANCE 1.6ft(0.5m)
   - LATITUDINAL TOLERANCE 1.6ft(0.5m)
5. MATTRESSES No.2 & No.3 TO BE LAID AS CLOSE TO BEST CASE AS POSSIBLE, HOWEVER RELEVANT TO MATTRESS No.1 TOLERANCES:
   - MAXIMUM OVERLAP OF 1 BLOCK
   - MAXIMUM GAP BETWEEN MATTRESSES OF 1.6ft(0.5m)
6. MATTRESS LOCATION SUBJECT TO MINOR ADJUSTMENT AFTER PRE-LAY ROV SURVEY CONFIRMING CROSSING LOCATION.

PLAN ON CABLE CROSSING – (SCALE 1:50)
PRE-LAY MATTRESS INSTALLATION

Notes:

1. Details provided by South Fork Wind.
2. The proposed route for the SFEC – OCS will cross seven submarine cables. The coordinates for these locations are depicted on the SFEC Plan and Profile drawings.

Typical Details
12/03/21

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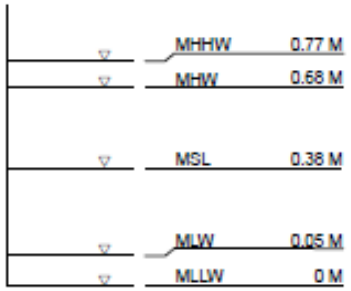
SFEC INDEX:

LEGEND:

SYMBOL	DESCRIPTION
	PROPOSED EXPORT CABLE CENTERLINE/BURIED CABLE (REFER TO NOTE 4)
S 2	PROPOSED EXPORT CABLE KILOMETER POST LOCATION
	PROPOSED EXPORT CABLE CORRIDOR (180-METER)
	ACTIVE CABLE (REFER TO NOTE 1)
	INACTIVE CABLE (REFER TO NOTE 1)
	SEAFLOOR ELEVATION CONTOURS
	CONTOUR INTERVAL IS 5 METERS
	CONTOUR INTERVAL IS 1 METER
	CHART EXTENT/MATCH LINE
	SEAFLOOR (REFER TO NOTE 3)

TIDAL DATUM:



NOAA TIDAL STATION - MONTAUK, NY
LONG ISLAND SOUND, NY

STATION ID: 8510560
TIDAL EPOCH: 1983-2001

Notes:

1. Plan and Profile Drawings provided by Fugro, May 25, 2018.
2. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to South Fork Wind.
3. Elevation is referenced to mean lower low water (MLLW) in meters.
4. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder.
5. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet).
6. Export Cable Route is located within the Survey Corridor (180 m). The SFEC-OCS is 58.3 miles (93.9 km, 50.7 nm) and the SFEC-NYS is 3.5 miles (5.6 km, 3.1 nm), including approximately 500 feet (0.1 nm) on land. The SFEC is 8 to 12 inches (20 to 30 cm) in diameter.

SFEC Plan and Profile Index and Notes
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Atlantic Ocean
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South Fork Wind | Powered by Ørsted & Eversource

KILOMETER POST TABLE

Location	North American Datum 1983, Geographic		UTM Zone 19 North, North American Datum 1983, Meters	
	Latitude	Longitude	Northing	Easting
KP 0	41.075831	-71.172545	4549449	317489
KP 1	41.074527	-71.184147	4549329	316511
KP 2	41.069424	-71.193951	4548783	315673
KP 3	41.064321	-71.203753	4548237	314835
KP 4	41.061089	-71.21459	4547901	313915
KP 5	41.058808	-71.226042	4547673	312946
KP 6	41.059097	-71.237739	4547730	311964
KP 7	41.05962	-71.249418	4547813	310984
KP 8	41.058656	-71.261217	4547732	309990
KP 9	41.058741	-71.273112	4547767	308991
KP 10	41.05438	-71.282669	4547304	308175
KP 11	41.046375	-71.288111	4546427	307694
KP 12	41.038659	-71.294197	4545584	307160
KP 13	41.033415	-71.303572	4545023	306357
KP 14	41.033094	-71.315441	4545014	305358
KP 15	41.03296	-71.327331	4545025	304358
KP 16	41.032825	-71.33922	4545037	303358
KP 17	41.032689	-71.351109	4545049	302358
KP 18	41.032552	-71.362998	4545061	301358
KP 19	41.032413	-71.374887	4545072	300358
KP 20	41.032273	-71.386776	4545084	299358
KP 21	41.032132	-71.398665	4545096	298358
KP 22	41.03199	-71.410554	4545108	297358
KP 23	41.031846	-71.422442	4545119	296358
KP 24	41.031702	-71.434331	4545131	295359
KP 25	41.031556	-71.446219	4545143	294359
KP 26	41.031408	-71.458108	4545155	293359
KP 27	41.03126	-71.469996	4545166	292359
KP 28	41.03111	-71.481884	4545178	291359
KP 29	41.030959	-71.493772	4545190	290359
KP 30	41.030807	-71.505659	4545202	289359
KP 31	41.030654	-71.517547	4545213	288359
KP 32	41.030499	-71.529435	4545225	287359
KP 33	41.030343	-71.541322	4545237	286359
KP 34	41.030186	-71.553209	4545249	285359
KP 35	41.030028	-71.565096	4545260	284359

Location	North American Datum 1983, Geographic		UTM Zone 19 North, North American Datum 1983, Meters	
	Latitude	Longitude	Northing	Easting
KP 36	41.029869	-71.576984	4545272	283359
KP 37	41.02812	-71.588535	4545107	282382
KP 38	41.025232	-71.599795	4544814	281426
KP 39	41.022343	-71.611054	4544522	280470
KP 40	41.019452	-71.622312	4544229	279514
KP 41	41.016561	-71.633569	4543937	278557
KP 42	41.013669	-71.644824	4543644	277601
KP 43	41.010775	-71.656079	4543352	276645
KP 44	41.007881	-71.667333	4543059	275689
KP 45	41.004985	-71.678585	4542767	274732
KP 46	41.002088	-71.689837	4542474	273776
KP 47	40.998484	-71.700621	4542102	272857
KP 48	40.992737	-71.709766	4541488	272067
KP 49	40.986989	-71.71891	4540874	271278
KP 50	40.98124	-71.728053	4540259	270489
KP 51	40.975491	-71.737193	4539645	269700
KP 52	40.969741	-71.746332	4539031	268911
KP 53	40.96399	-71.75547	4538416	268122
KP 54	40.959725	-71.765648	4537970	267250
KP 55	40.962374	-71.776827	4538294	266319
KP 56	40.96615	-71.787608	4538742	265425
KP 57	40.969925	-71.79839	4539190	264531
KP 58	40.971067	-71.809784	4539348	263576
KP 59	40.968164	-71.821026	4539056	262620
KP 60	40.965259	-71.832267	4538764	261663
KP 61	40.962353	-71.843507	4538472	260707
KP 62	40.959446	-71.854746	4538180	259750
KP 63	40.956539	-71.865983	4537889	258794
KP 64	40.95363	-71.87722	4537597	257837
KP 65	40.95072	-71.888456	4537305	256881
KP 66	40.947808	-71.89969	4537013	255924
KP 67	40.944896	-71.910924	4536721	254968
KP 68	40.941983	-71.922156	4536429	254012
KP 69	40.939069	-71.933388	4536137	253055
KP 70	40.936153	-71.944618	4535845	252099
KP 71	40.933237	-71.955848	4535554	251142

Location	North American Datum 1983, Geographic		UTM Zone 19 North, North American Datum 1983, Meters	
	Latitude	Longitude	Northing	Easting
KP 72	40.930320	-71.967076	4535262	250186
KP 73	40.927401	-71.978303	4534970	249229
KP 74	40.924481	-71.989530	4534678	248273
KP 75	40.921561	-72.000755	4534386	247316
KP 76	40.918639	-72.011979	4534094	246360
KP 77	40.915716	-72.023202	4533802	245403
KP 78	40.912792	-72.034424	4533510	244447
KP 79	40.909868	-72.045645	4533218	243491
KP 80	40.906942	-72.056865	4532927	242534
KP 81	40.904015	-72.068084	4532635	241578
KP 82	40.901086	-72.079302	4532343	240621
KP 83	40.898157	-72.090519	4532051	239665
KP 84	40.895227	-72.101735	4531759	238708
KP 85	40.892296	-72.112949	4531467	237752
KP 86	40.889364	-72.124163	4531175	236795
KP 87	40.886430	-72.135376	4530883	235839
KP 88	40.883496	-72.146587	4530592	234882
KP 89	40.880560	-72.157798	4530300	233926
KP 90	40.877624	-72.169007	4530008	232970
KP 91	40.874686	-72.180216	4529716	232013
KP 92	40.875655	-72.191522	4529858	231064
KP 93	40.882833	-72.198526	4530677	230503
KP 94	40.890475	-72.204791	4531545	230006
KP 95	40.898116	-72.211057	4532412	229509
KP 96	40.905758	-72.217324	4533280	229013
KP 97	40.913399	-72.223594	4534148	228516
KP 98	40.921039	-72.229864	4535016	228019
KP(ALT) 99	40.936791	-71.944792	4535917	252086
KP(ALT) 100	40.941311	-71.954491	4536446	251287
KP(ALT) 101	40.949125	-71.960386	4537330	250820
KP(ALT) 102	40.956938	-71.966282	4538215	250353
KP(ALT) 103	40.964750	-71.972179	4539099	249886
KP(ALT) 104	40.972563	-71.978078	4539983	249419
KP(ALT) 105	40.980375	-71.983979	4540868	248952
KP(ALT) 106	40.988186	-71.989880	4541752	248485
KP(ALT) 107	40.995998	-71.995784	4542636	248019
KP(ALT) 108	41.003809	-72.001688	4543521	247552

SFEC Plan and Profile
Location of Kilometer Posts

Atlantic Ocean
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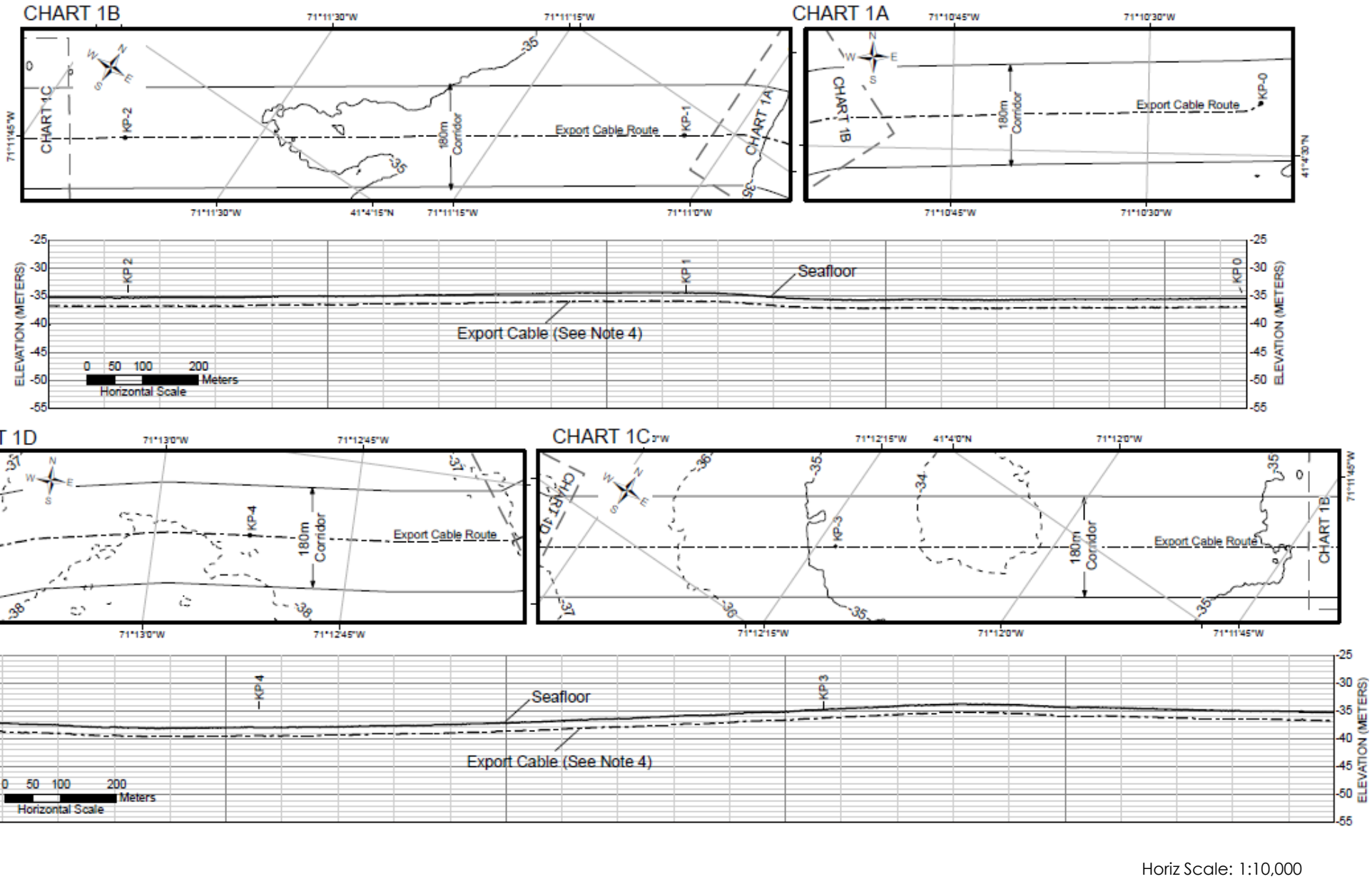
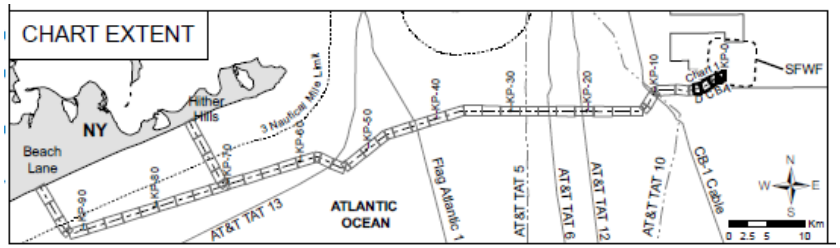
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000



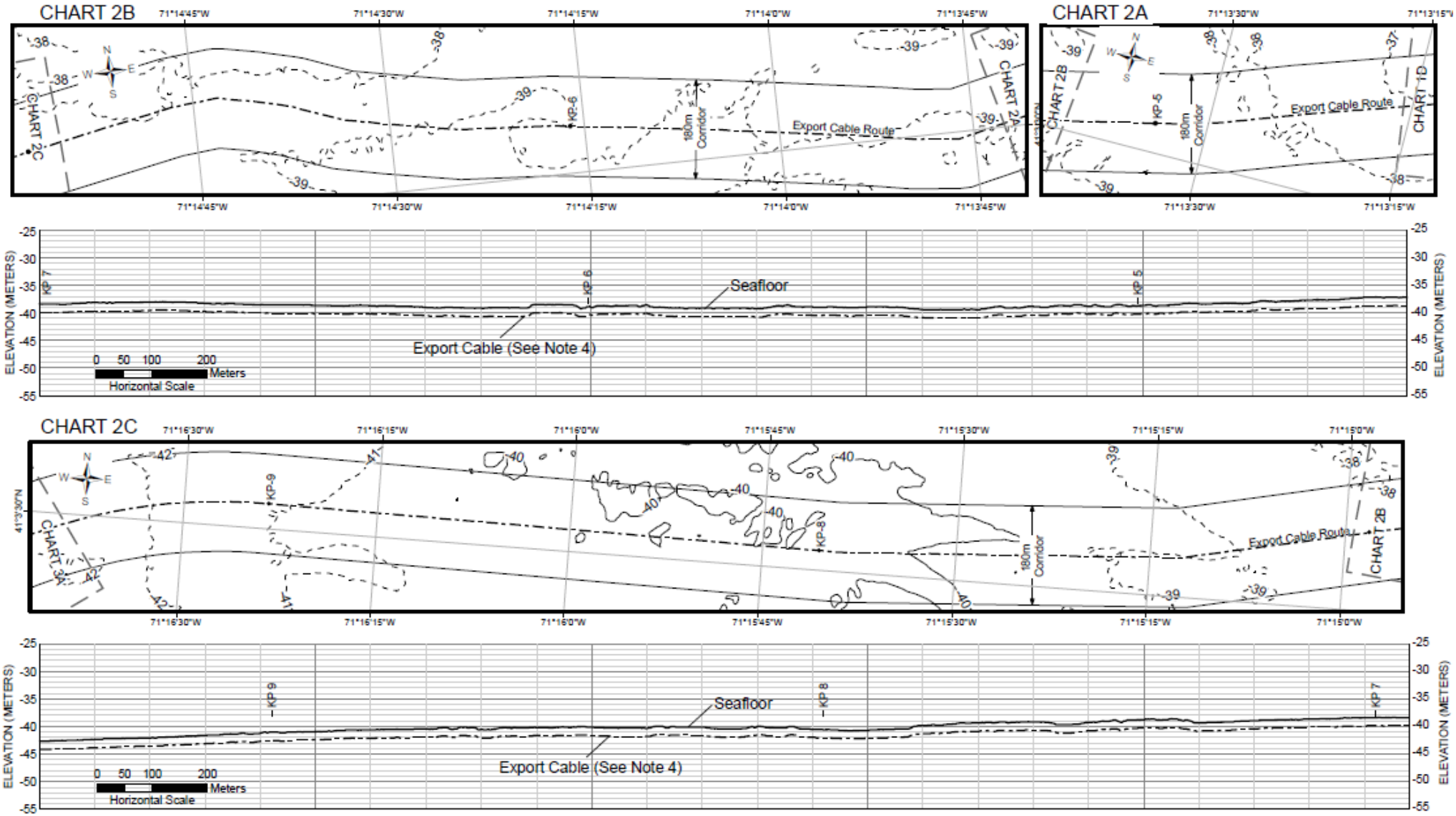
Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to South Fork Wind.
2. Elevation is referenced to mean lower low water (MLLW) in meters.
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder.
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet).

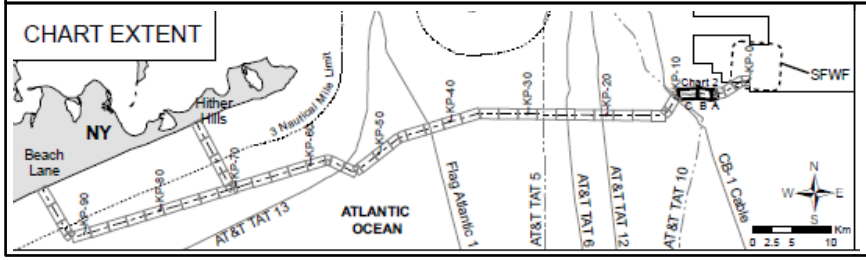
SFEC Plan and Profile

Atlantic Ocean
Sheet 13 of 44

South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

SFEC Plan and Profile

Atlantic Ocean
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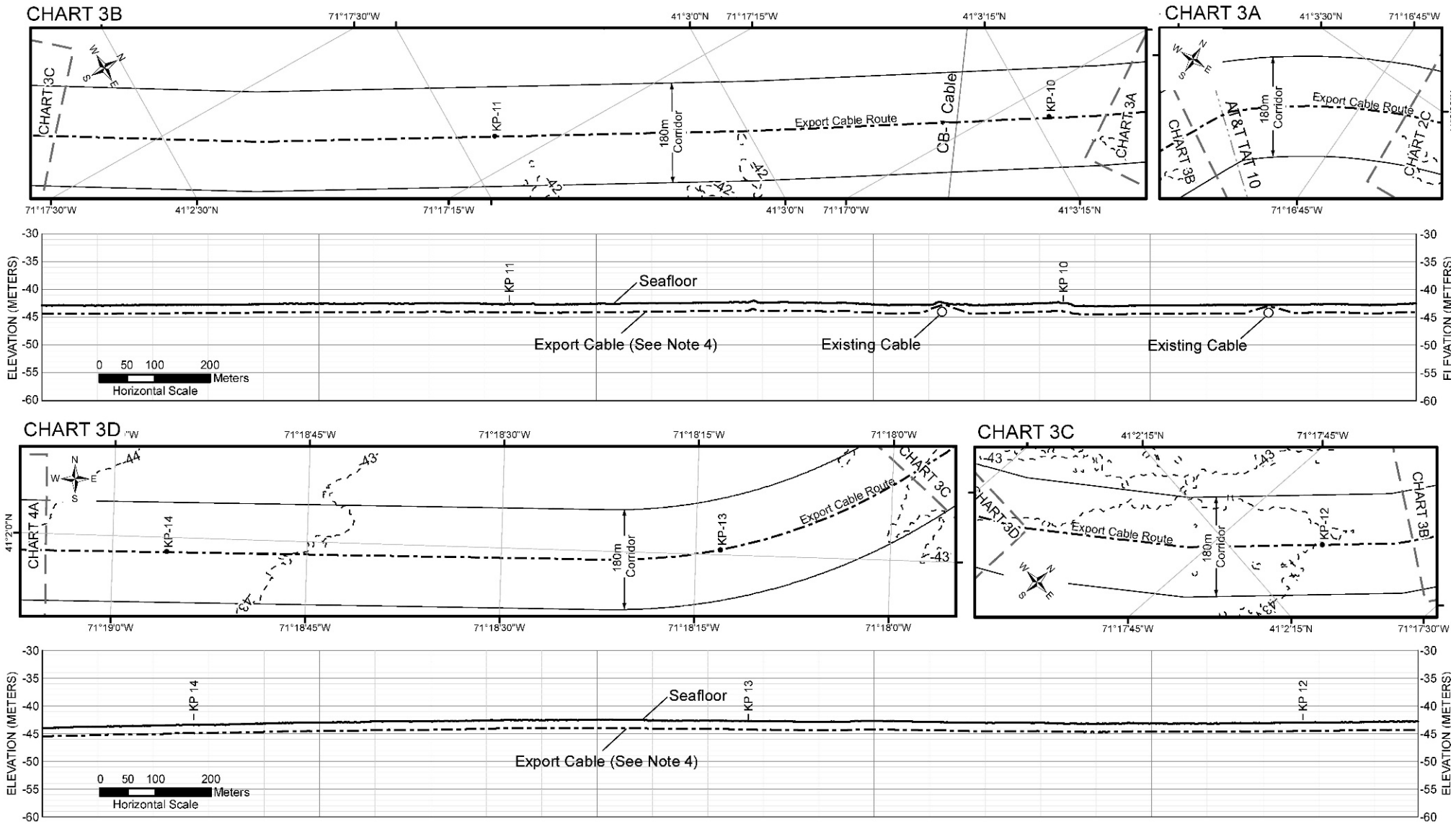
South Fork Wind | Powered by Ørsted & Eversource



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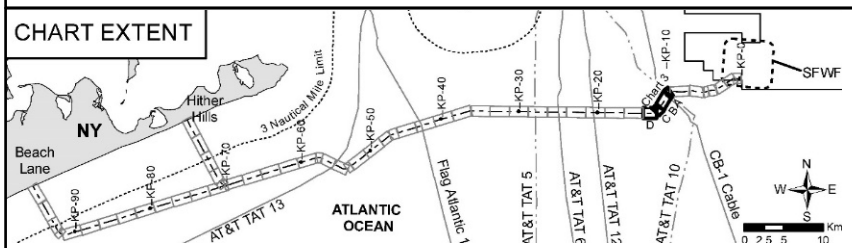

Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

SFEC Plan and Profile

Atlantic Ocean
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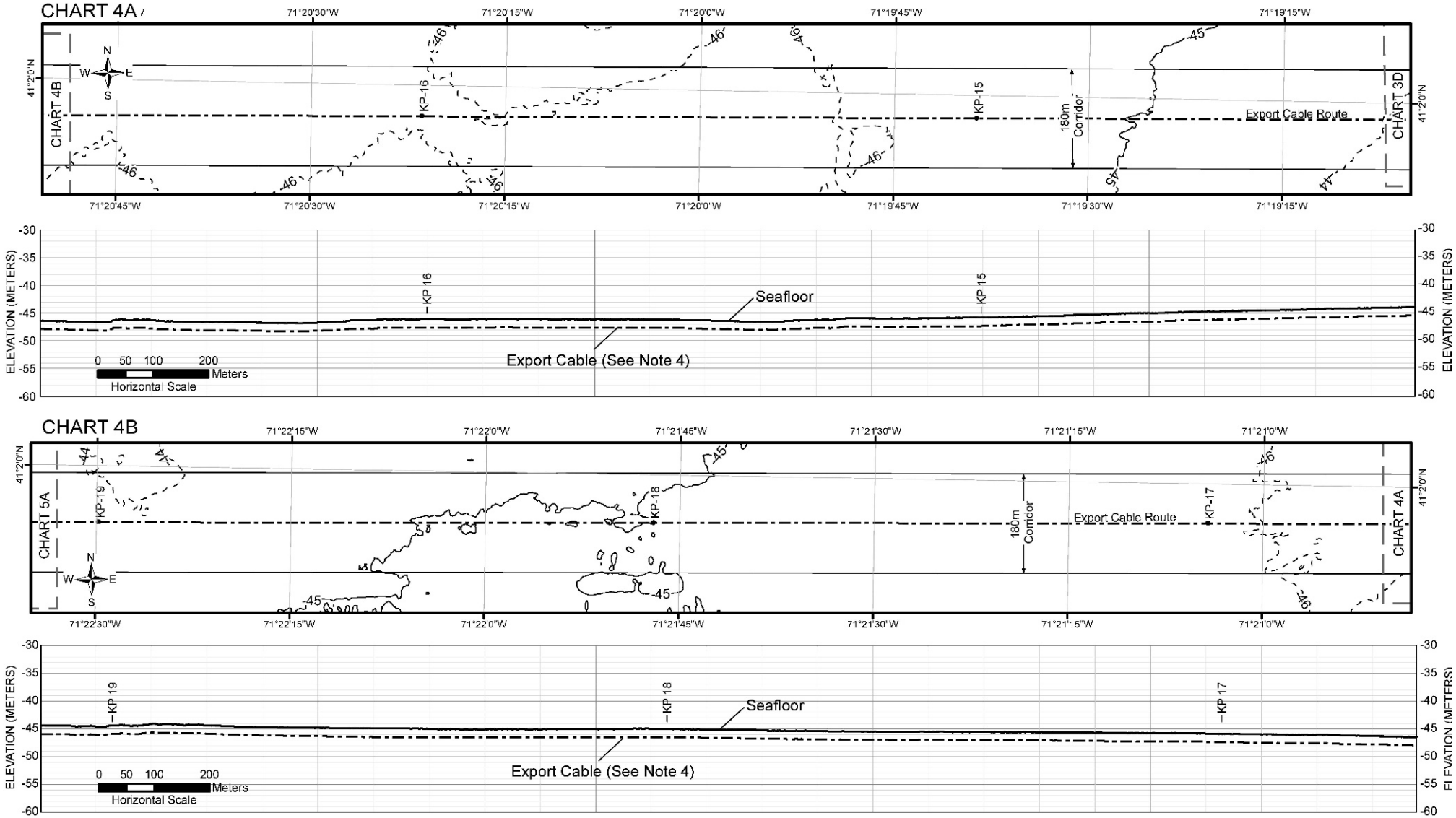
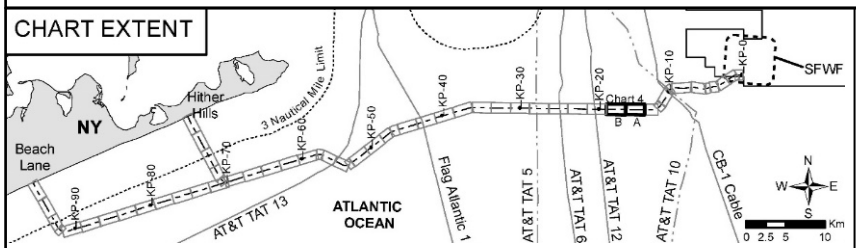
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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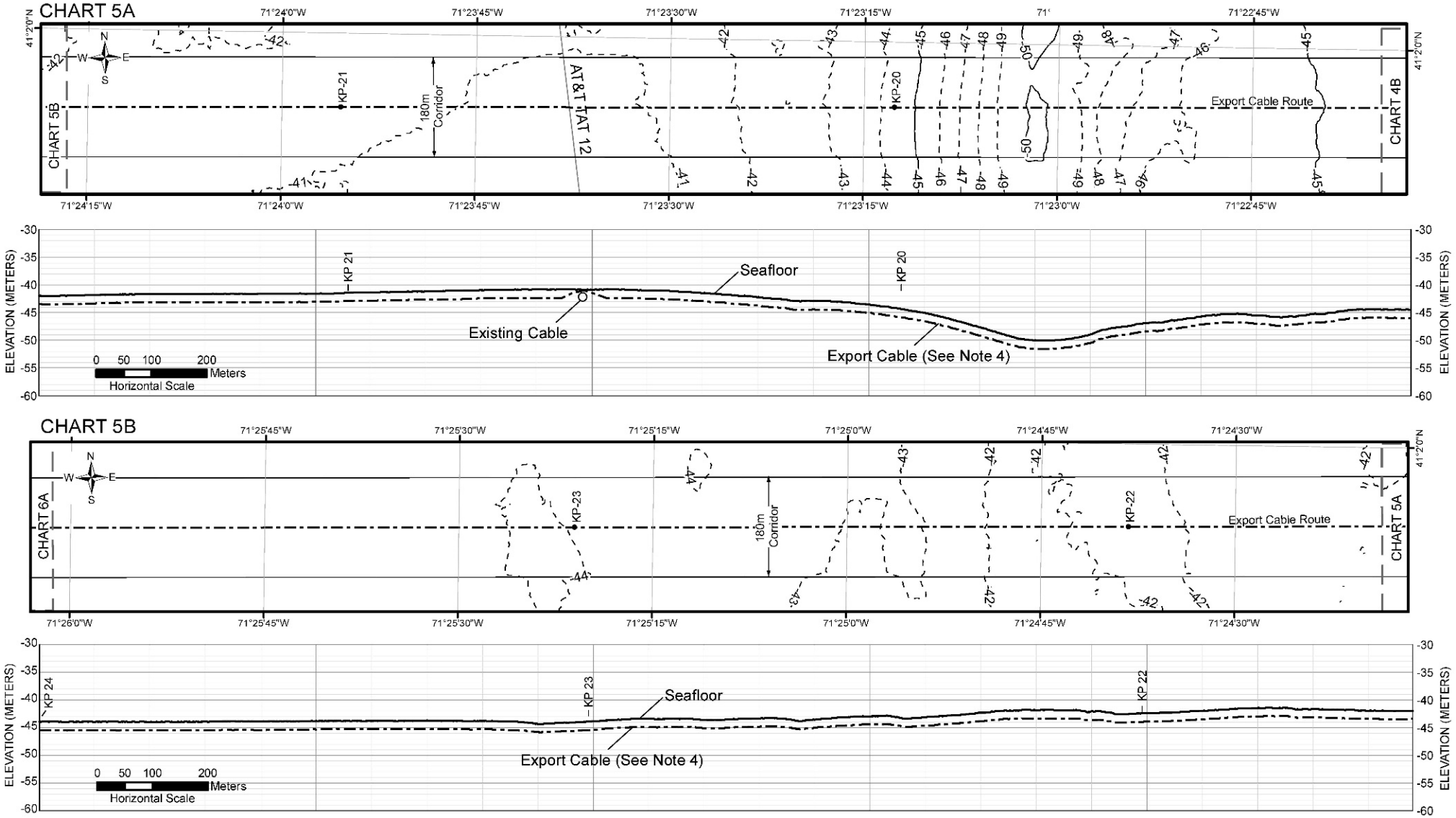
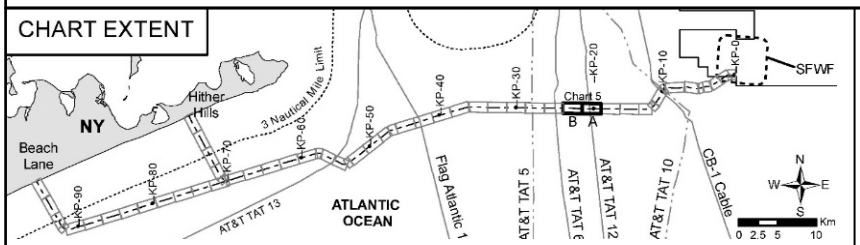
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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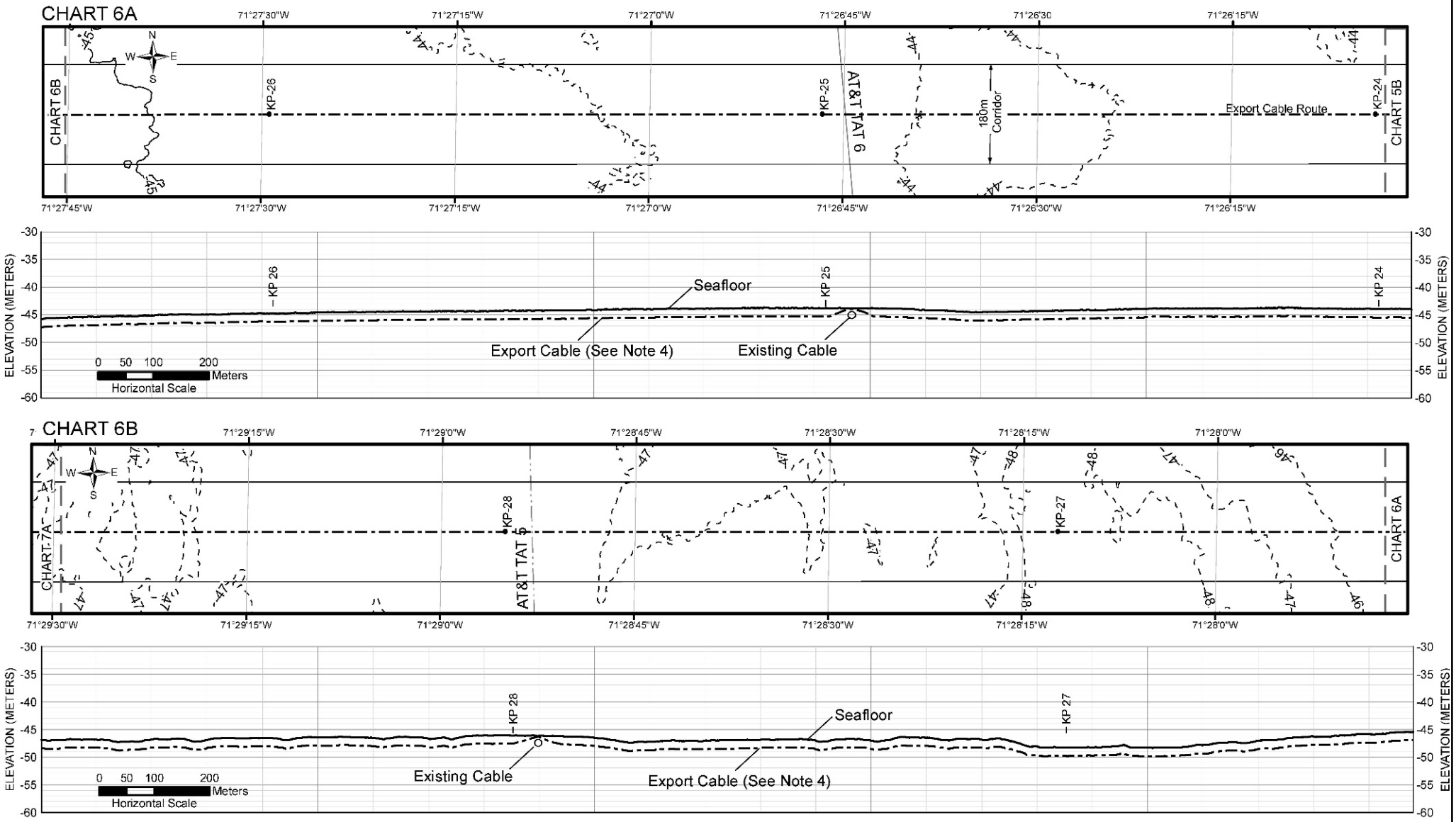
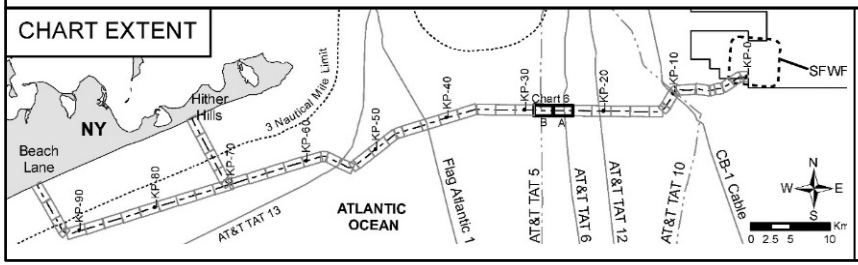
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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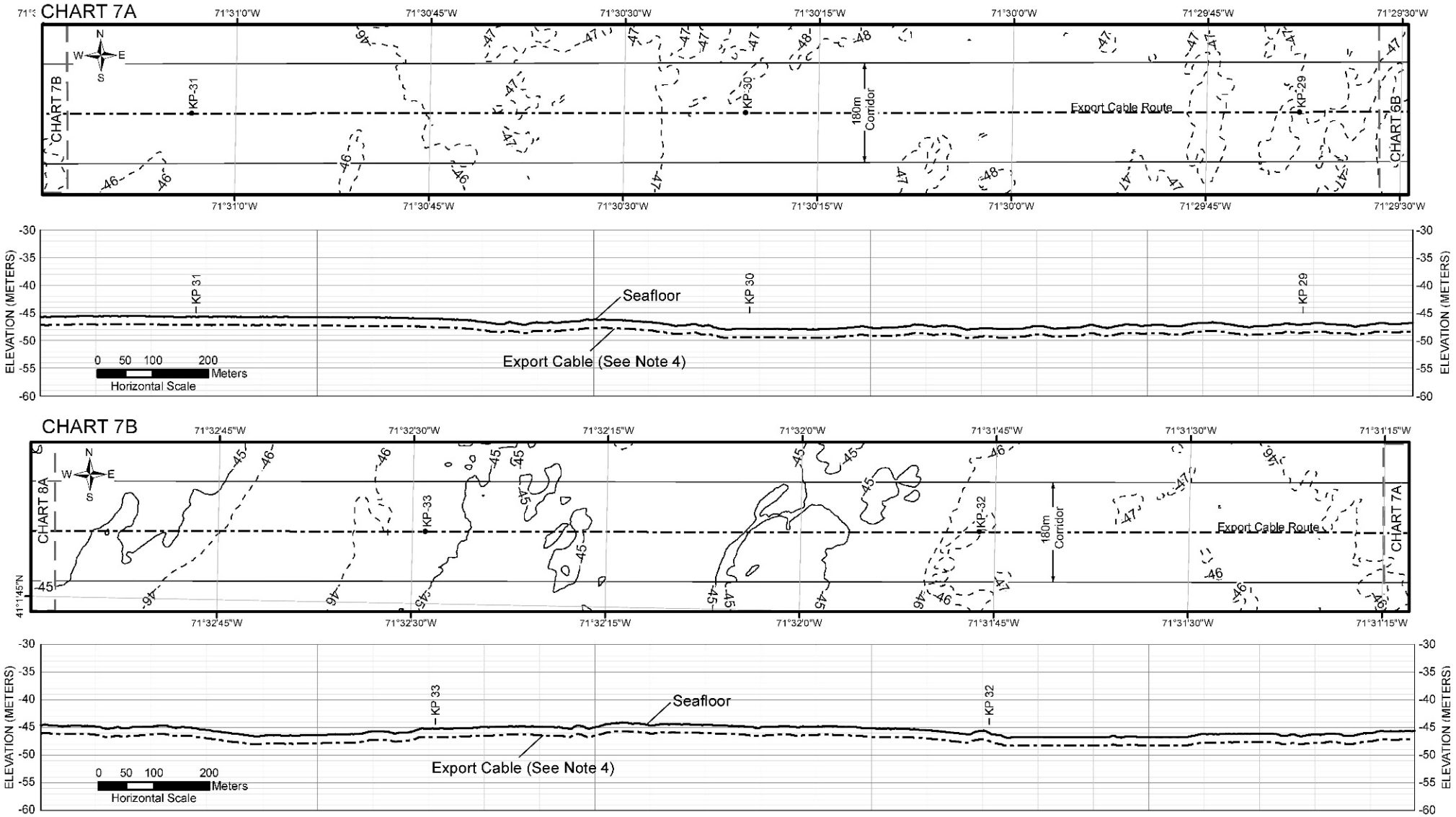
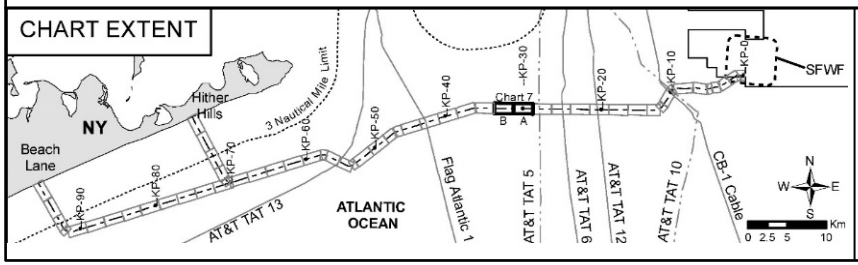
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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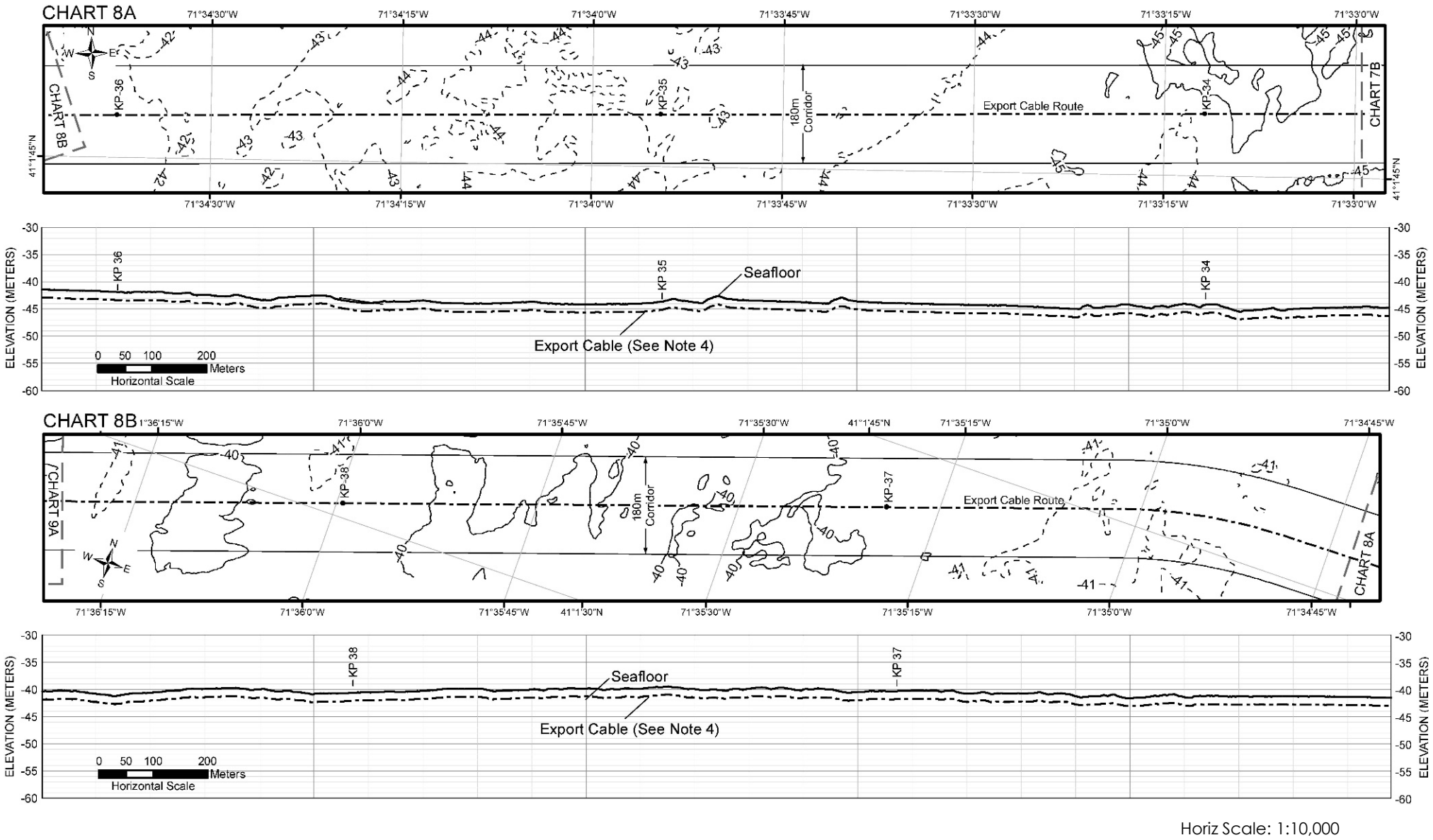
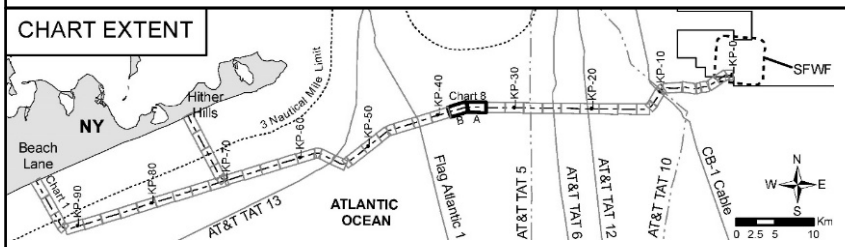
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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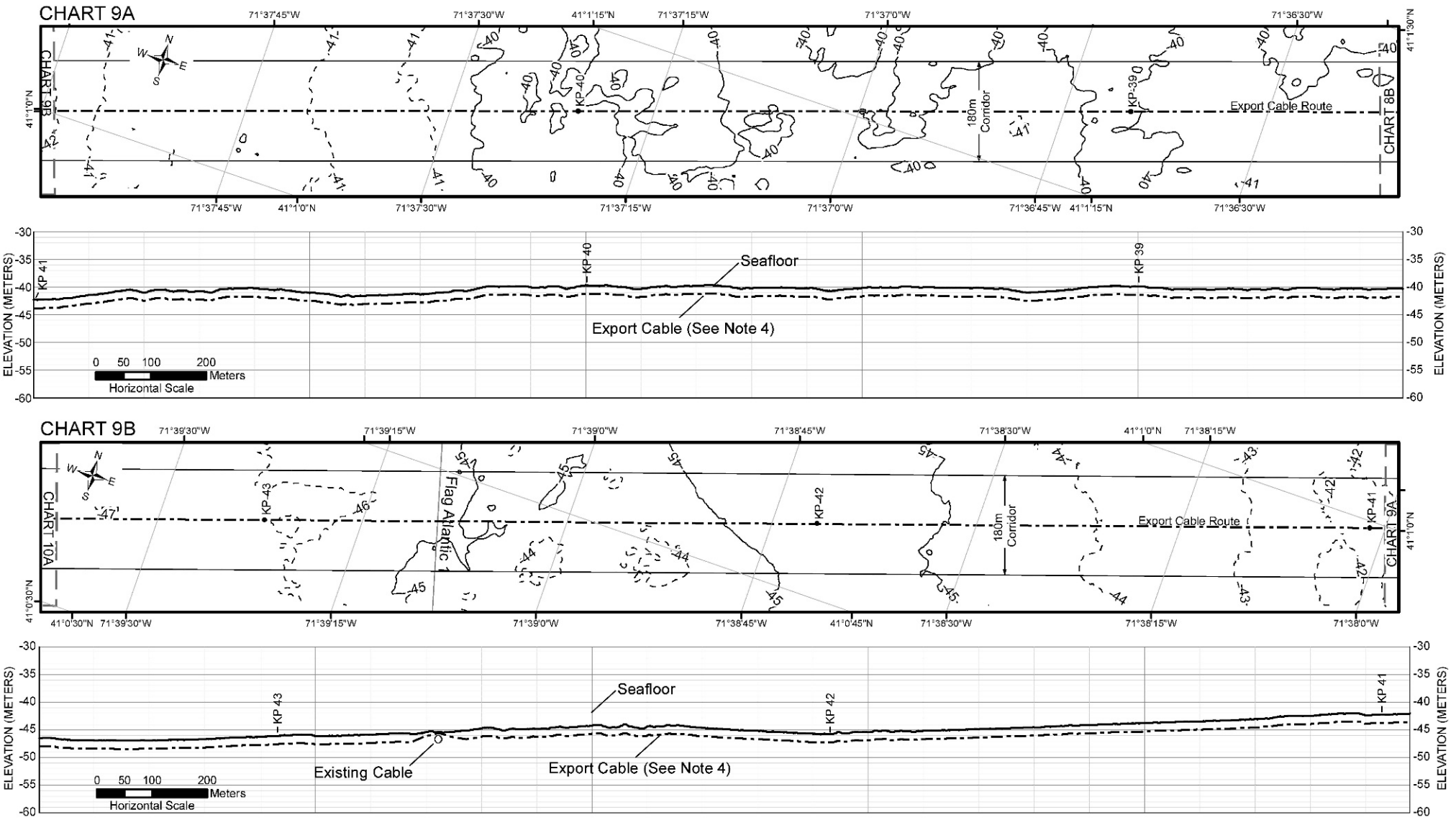
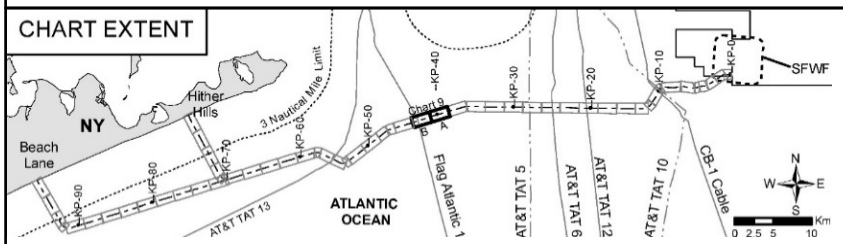
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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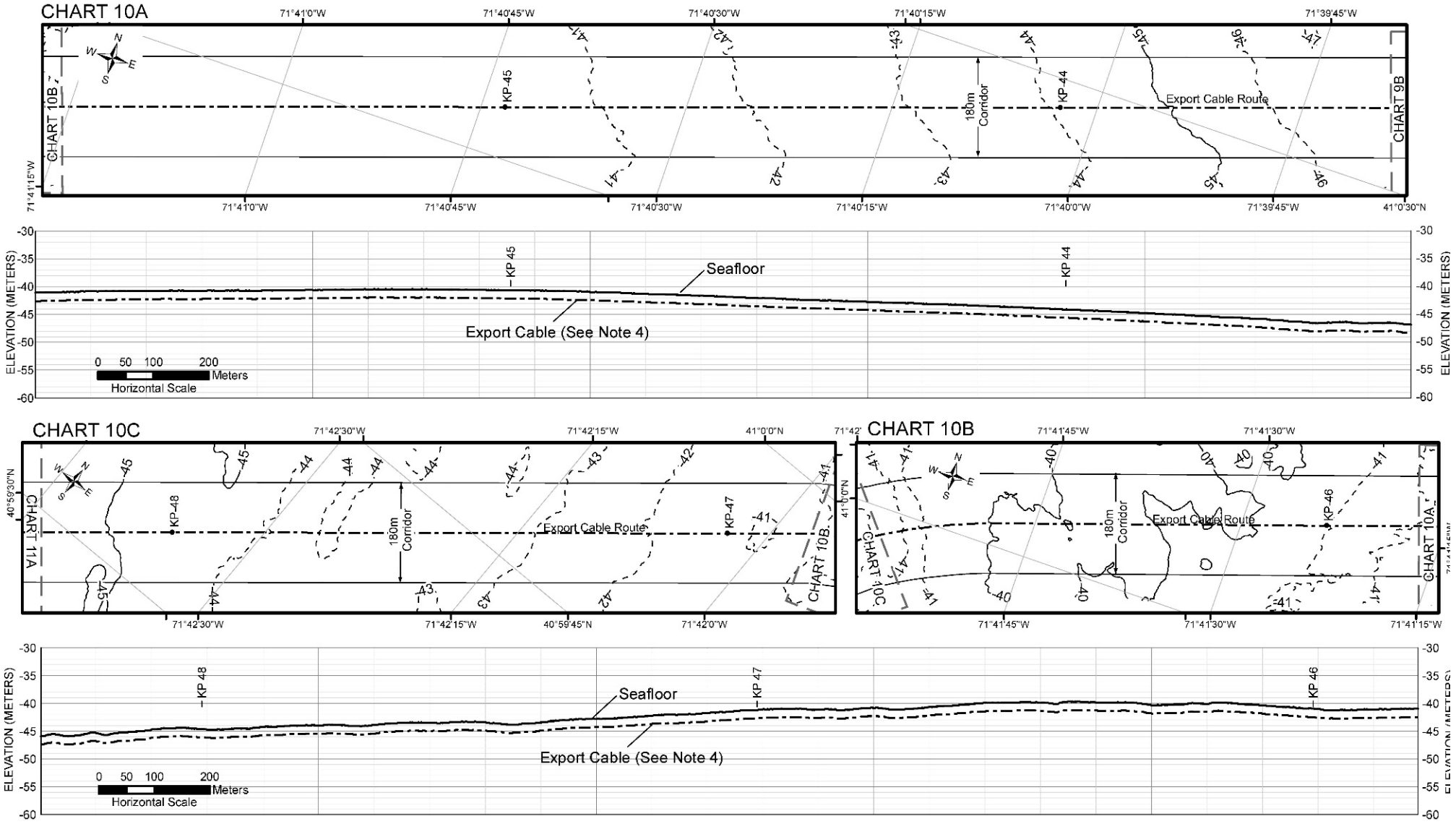
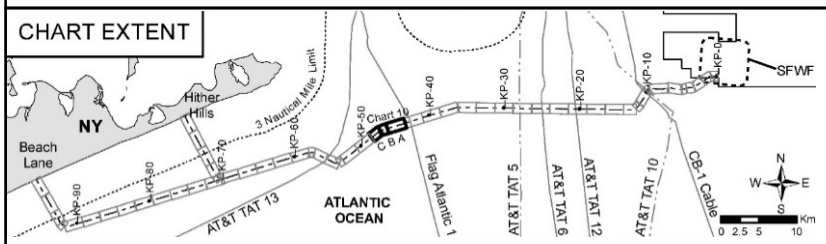
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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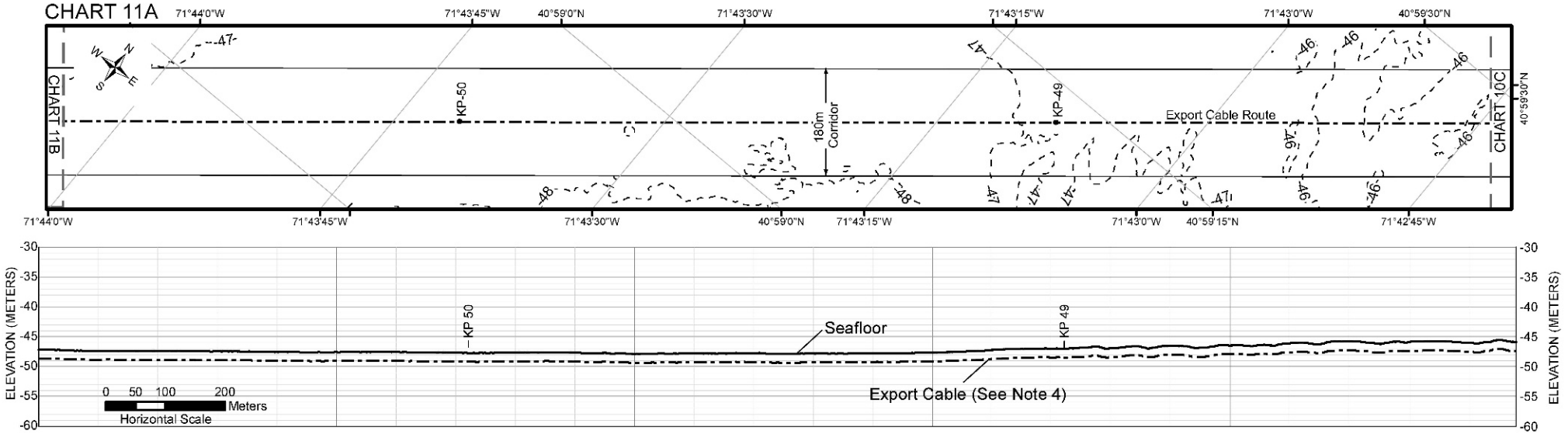
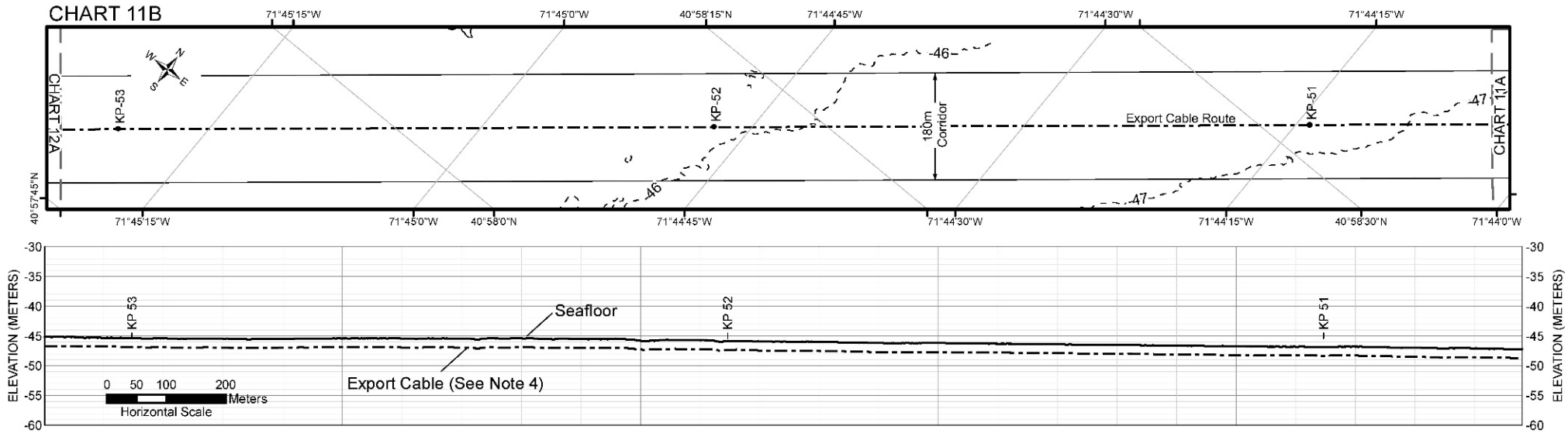
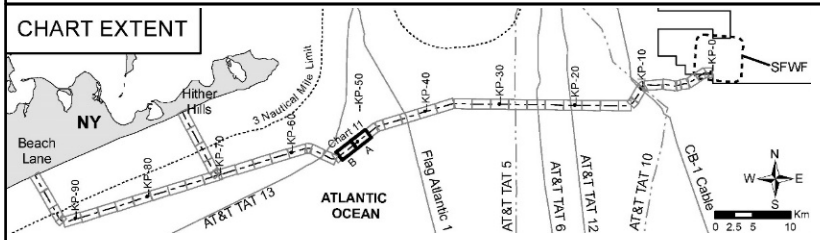
South Fork Wind | Powered by Ørsted & Eversource





Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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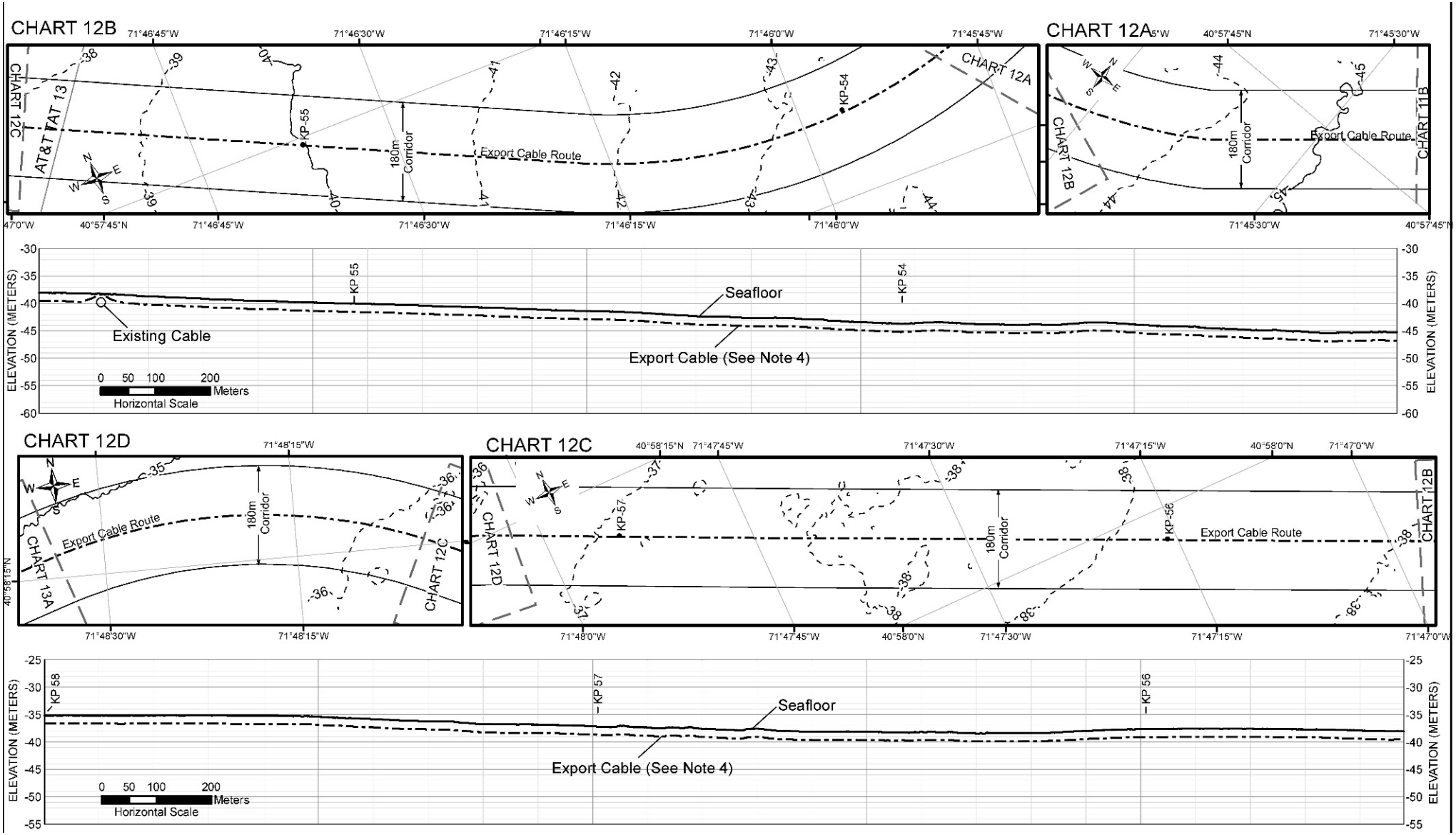
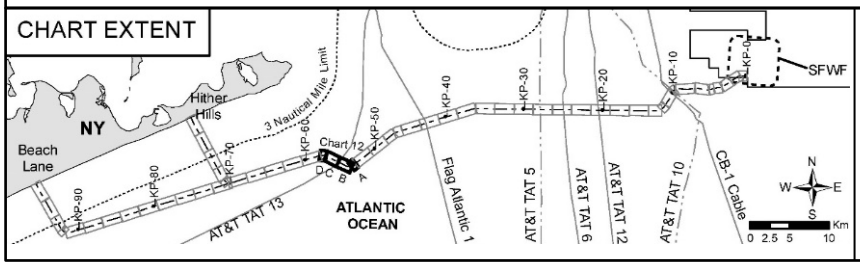
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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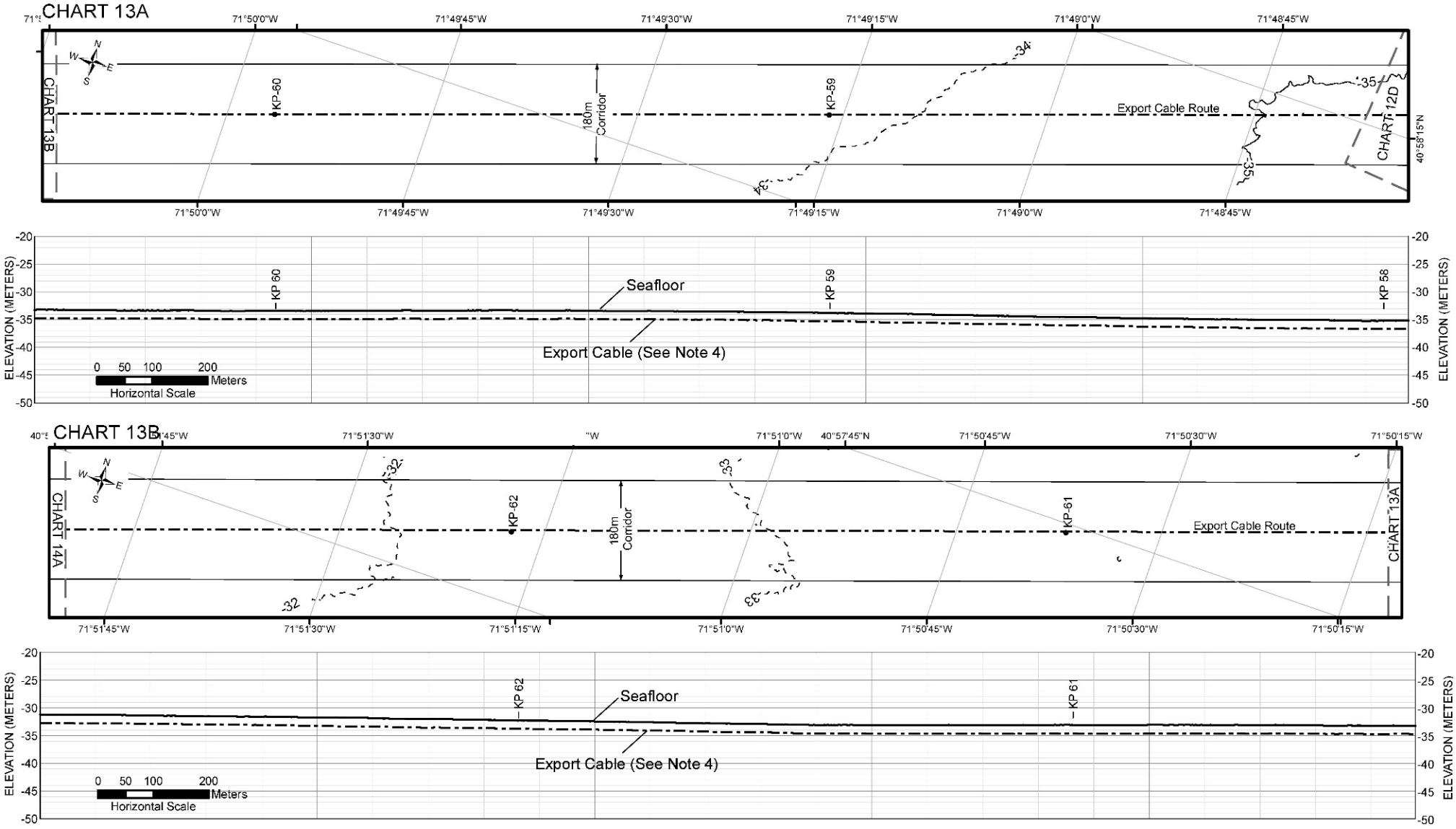
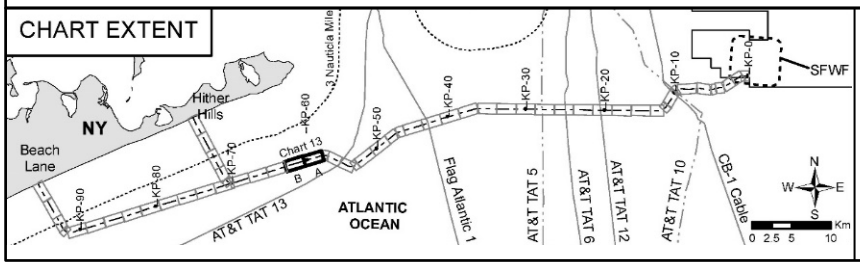
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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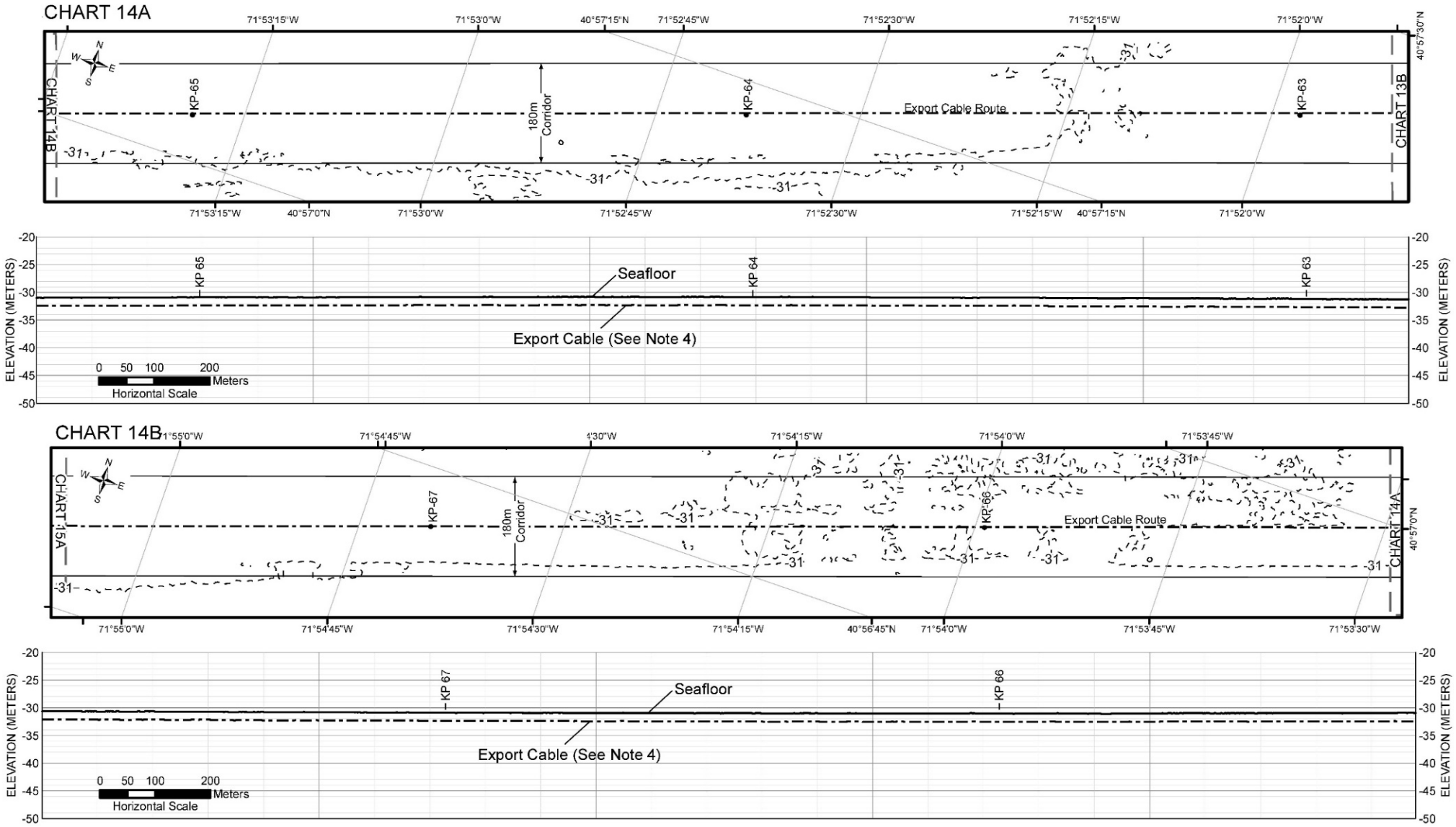
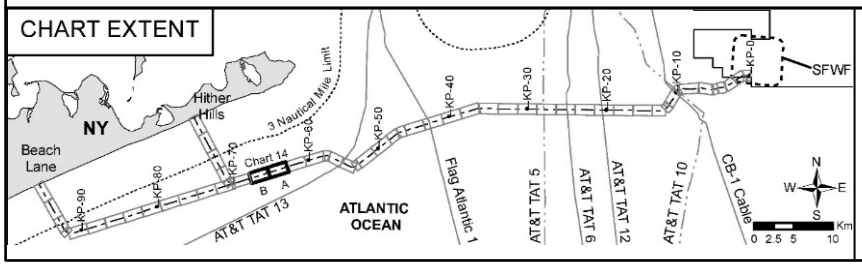
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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South Fork Wind | Powered by Ørsted & Eversource

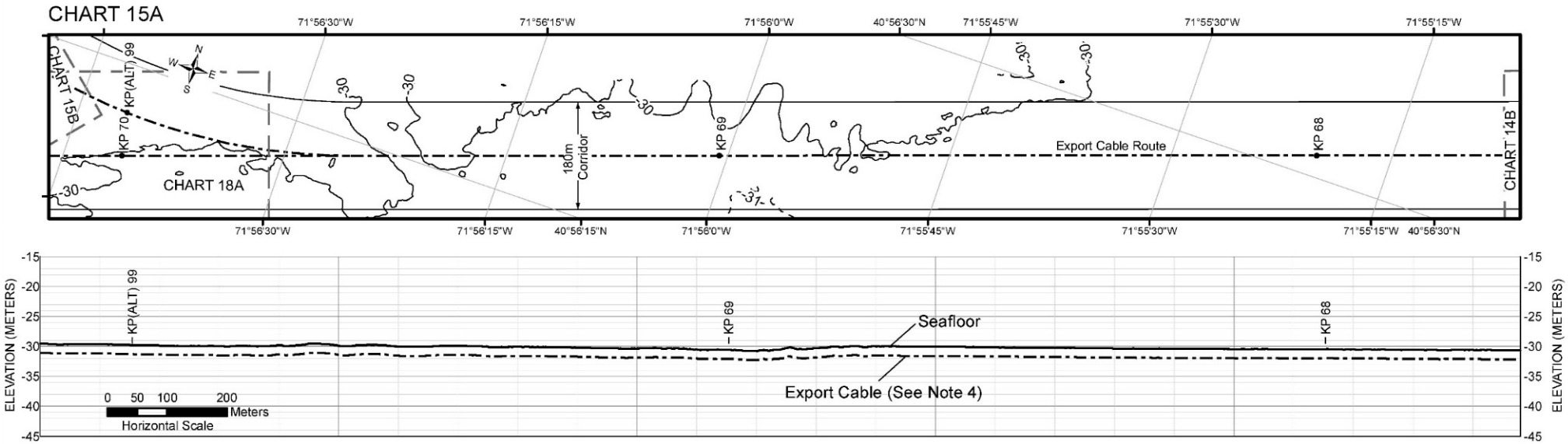
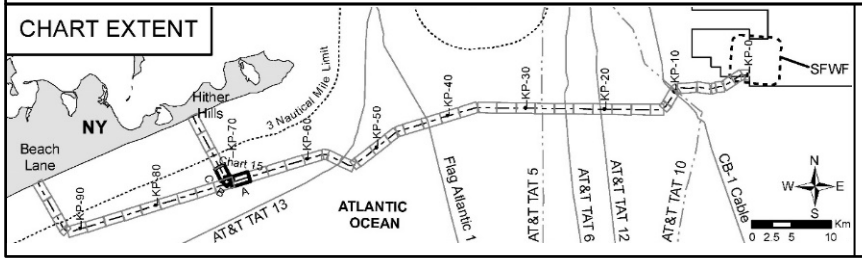


Chart 15B and 15C are associated with a cable route that is no longer part of the Project.

Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)
5. Chart 15B and 15C are associated with a cable route that is no longer part of the Project.

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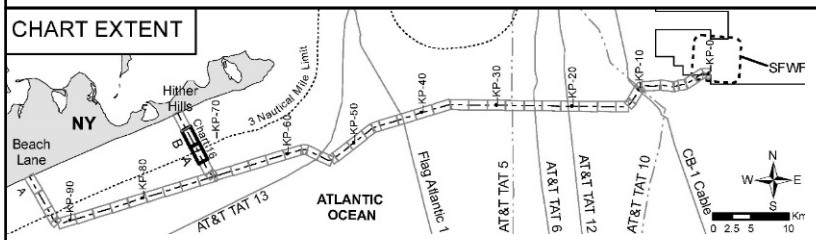
South Fork Wind | Powered by Ørsted & Eversource

Chart 16A and 16B are associated with a cable route that is no longer part of the Project.

Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)
5. Chart 16A and 16B are associated with a cable route that is no longer part of the Project.

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Hither Hills Alternative

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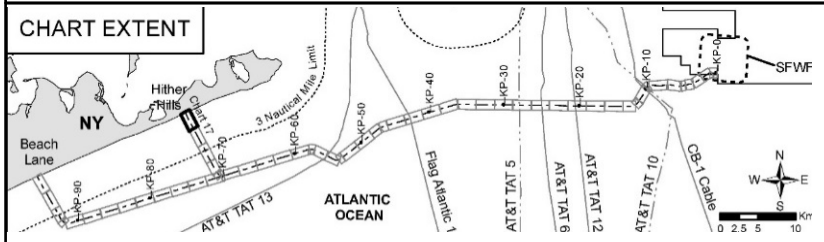
South Fork Wind | Powered by Ørsted & Eversource

Chart 17 is associated with a cable route that is no longer part of the Project.

Horiz Scale: 1:10,000



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)
5. Chart 17 is associated with a cable route that is no longer part of the Project.

SFEC Plan and Profile
Hither Hills Alternative

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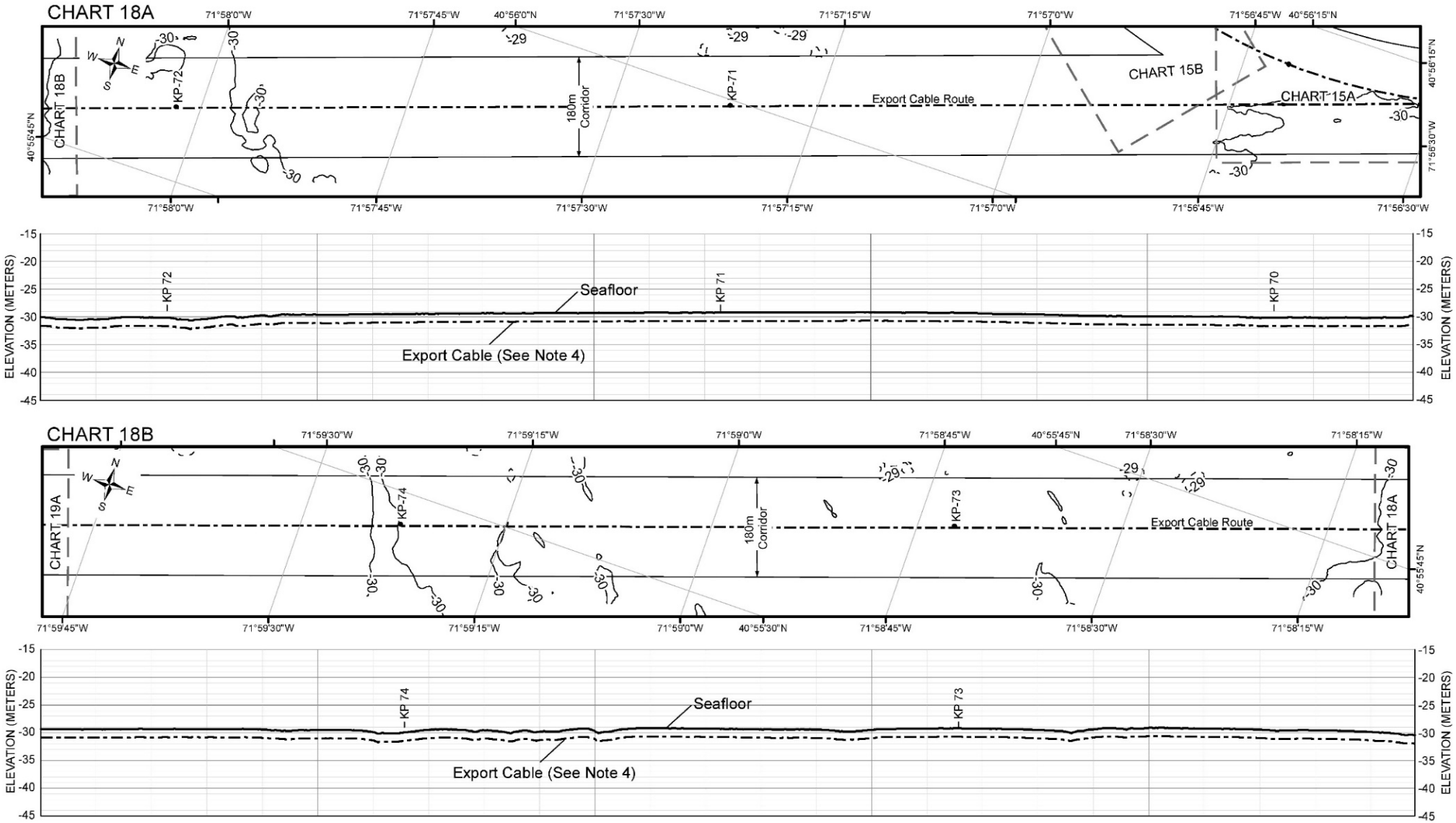
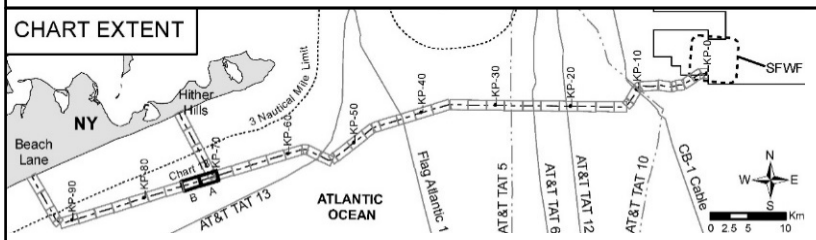
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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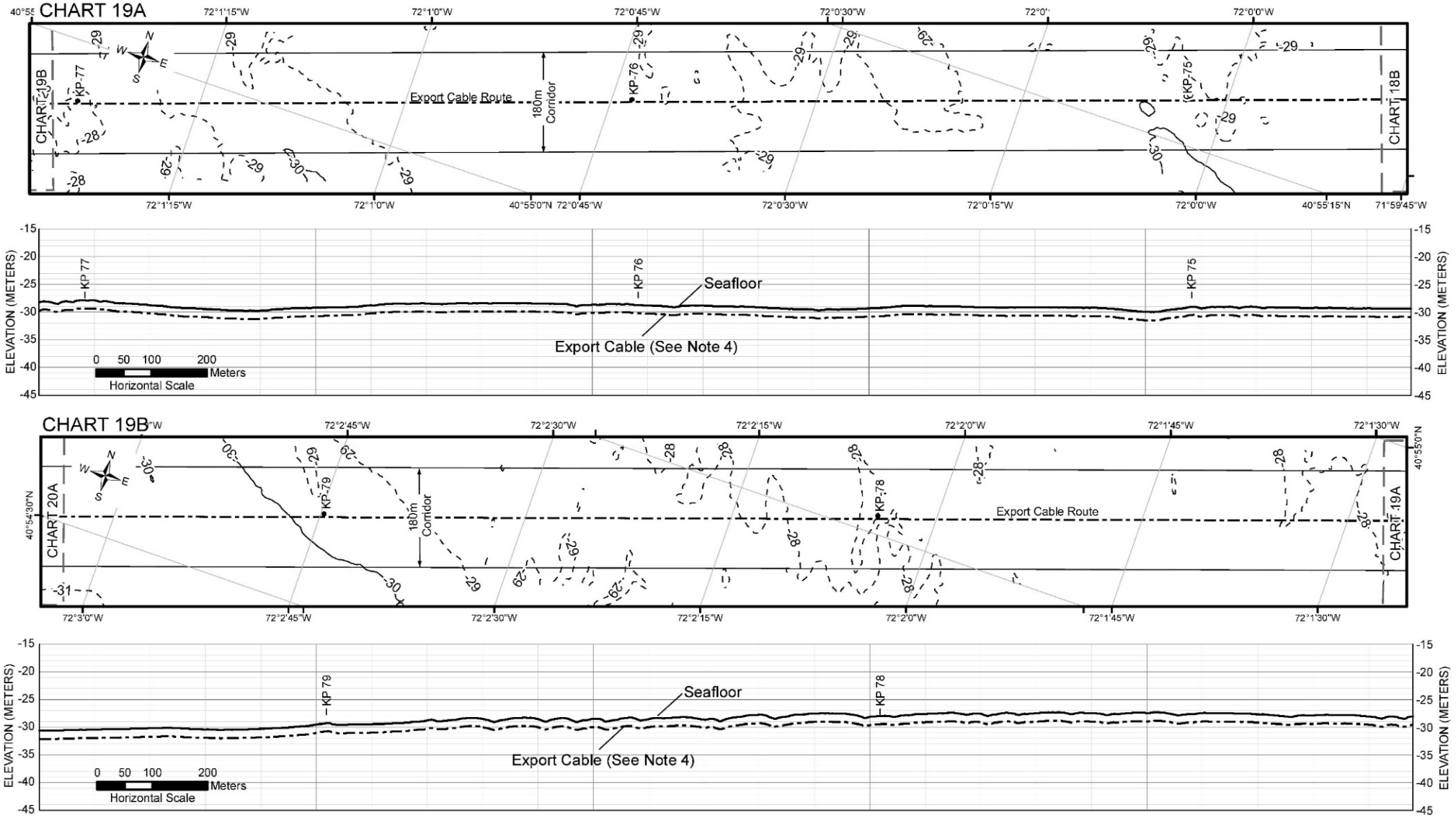
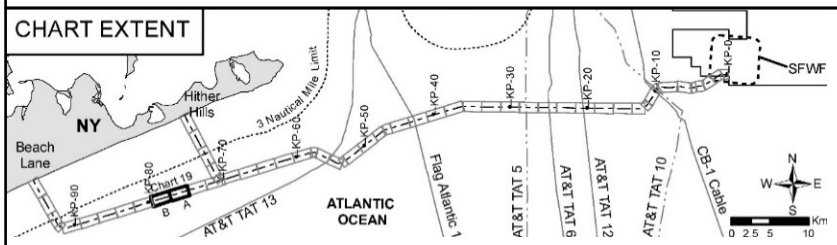
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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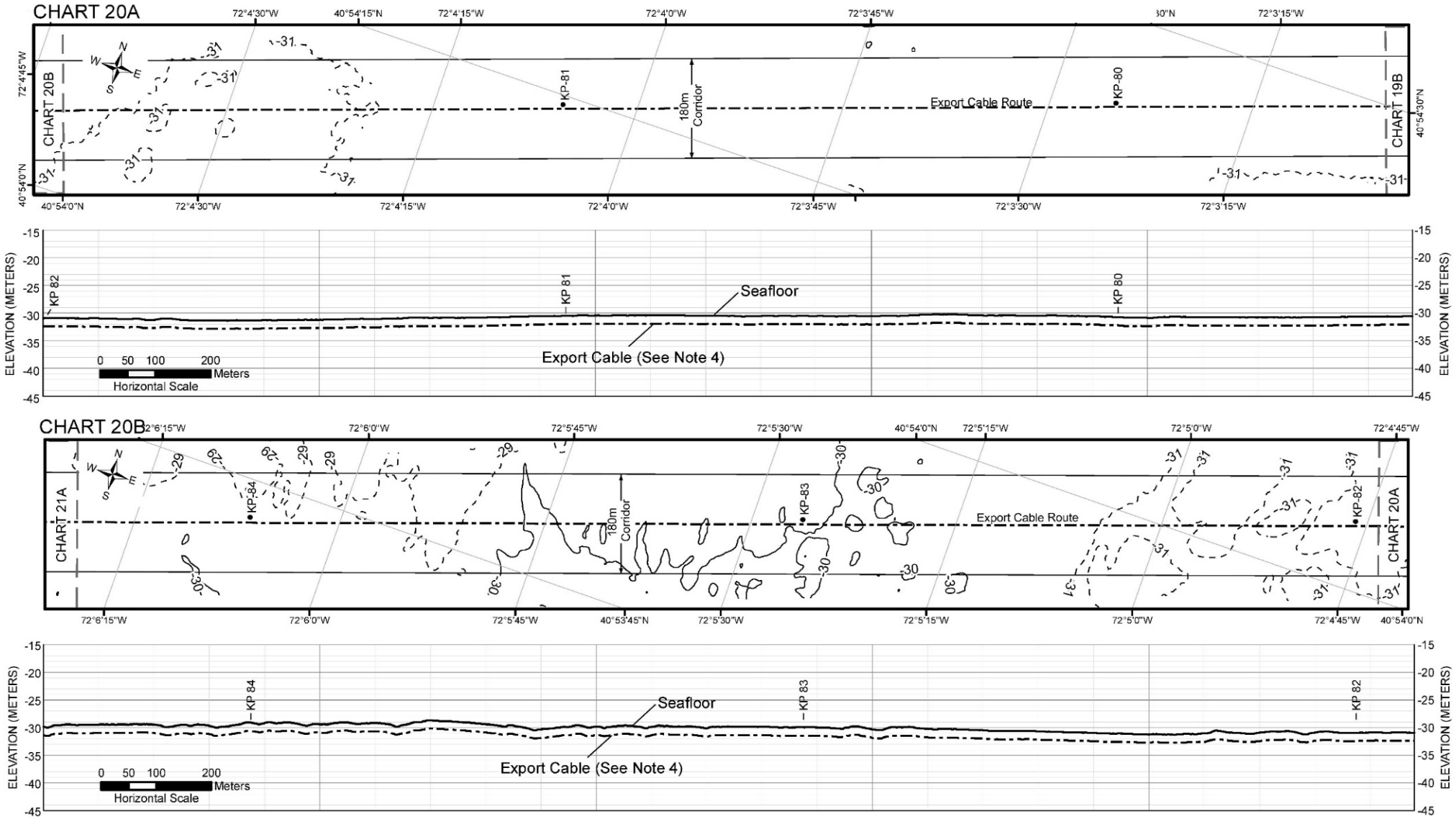
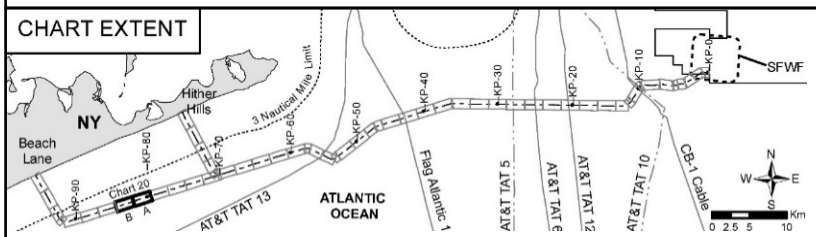
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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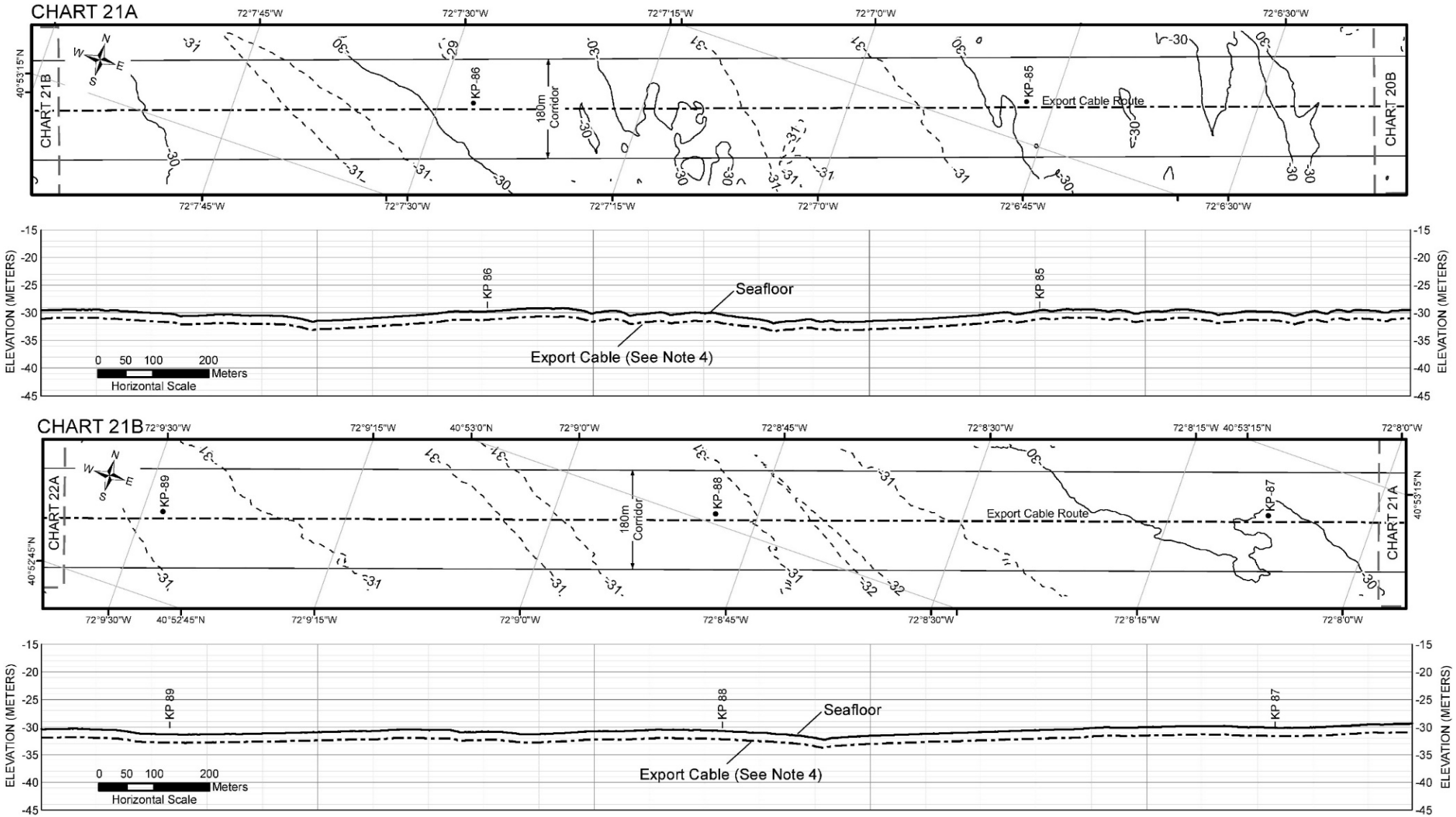
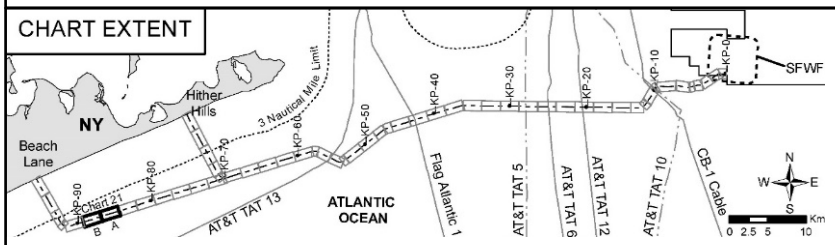
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000

CHART EXTENT



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC is 1.2 to 1.8 meters (4 to 6 feet)

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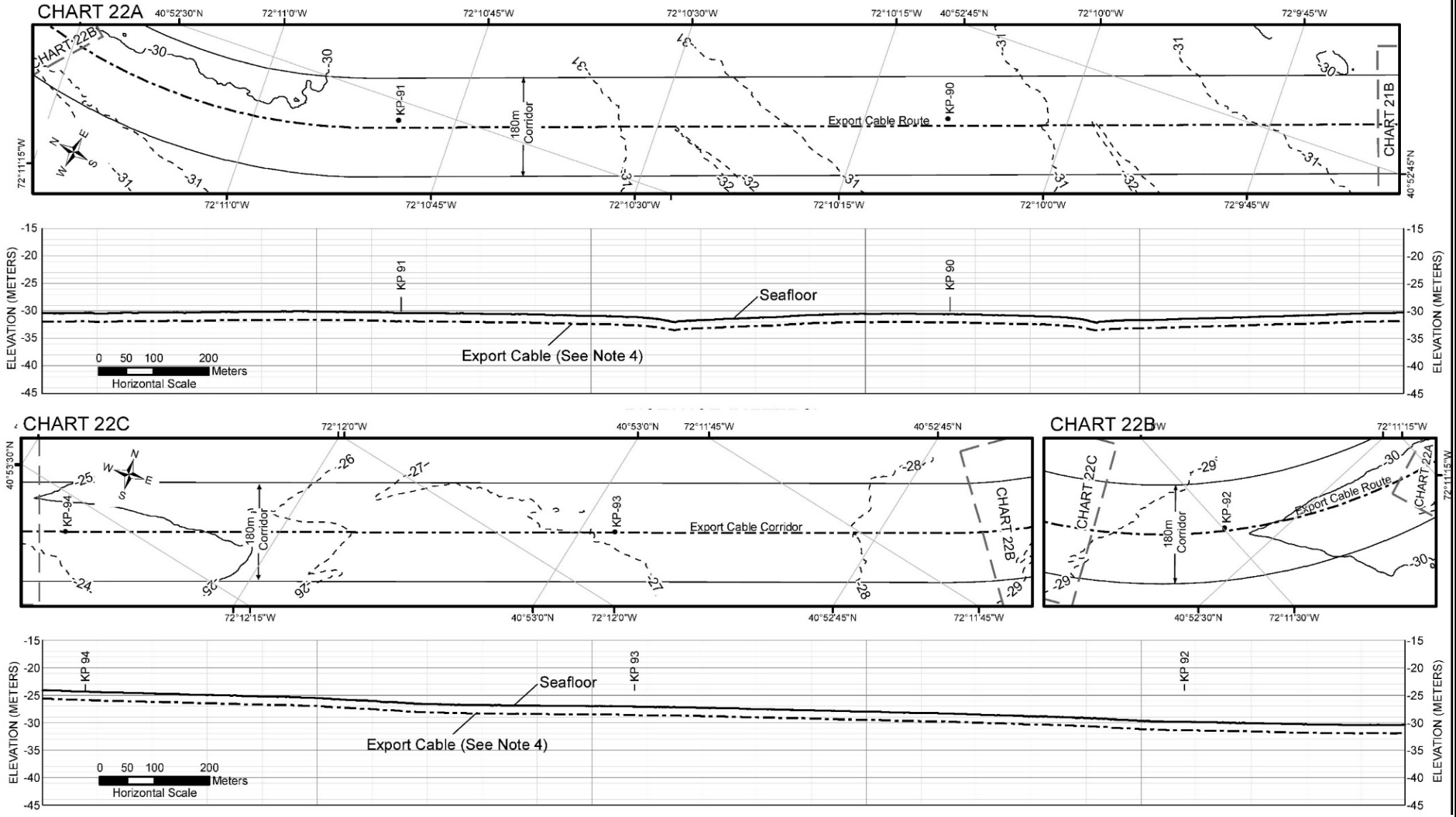
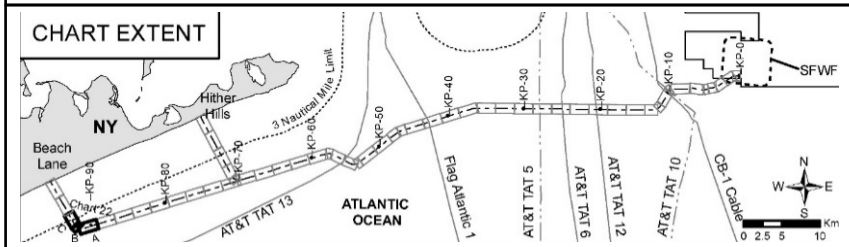
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000



Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC-OCS is 1.2 to 1.8 meters (4 to 6 feet). Minimum burial depth for the SFEC-NYS is 1.8 meters (6 feet).

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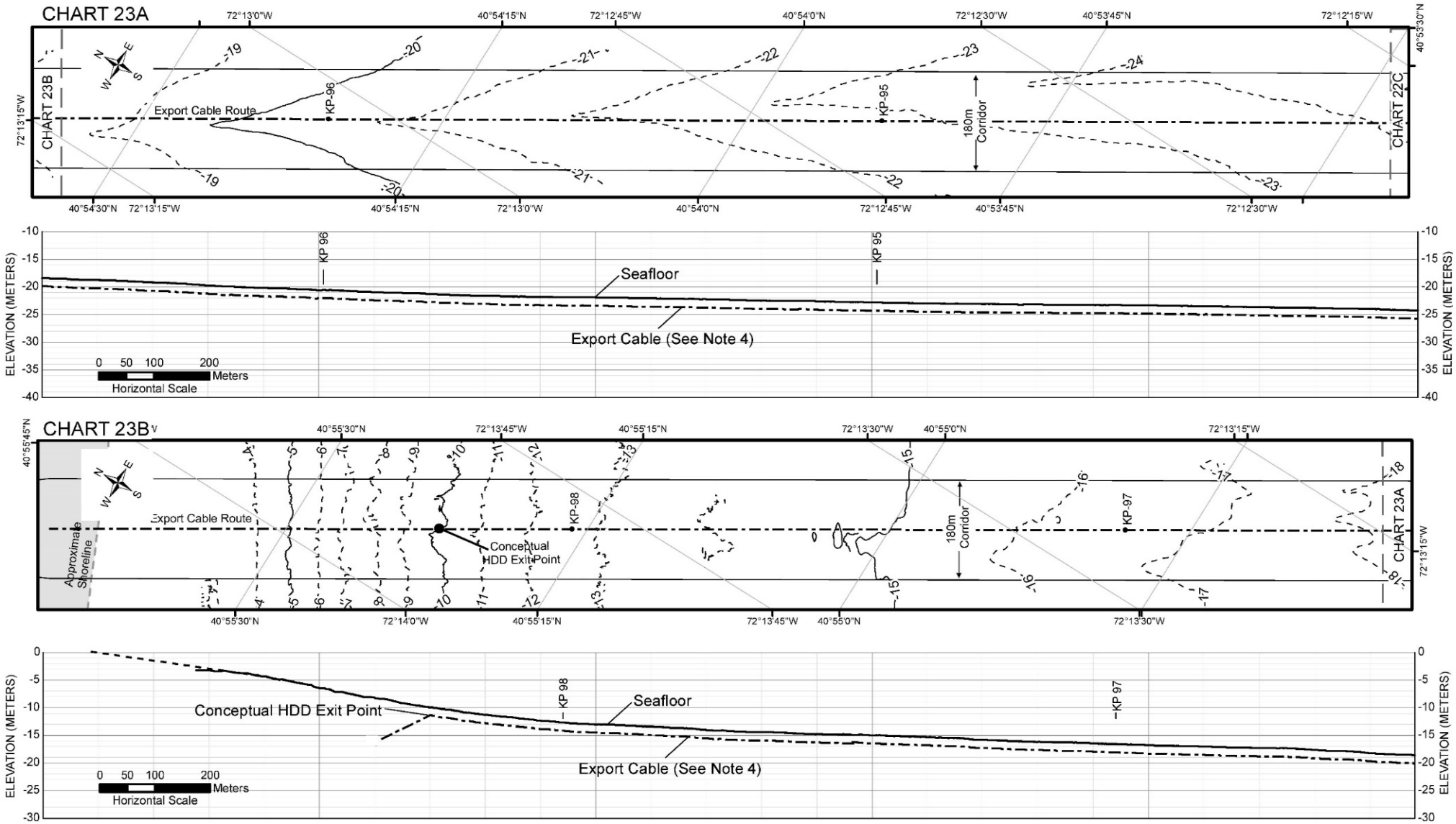
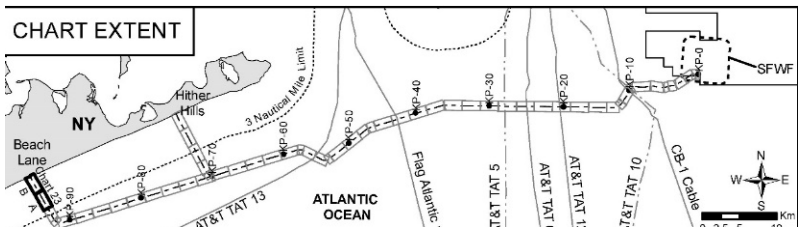
South Fork Wind | Powered by Ørsted & Eversource



Horiz Scale: 1:10,000



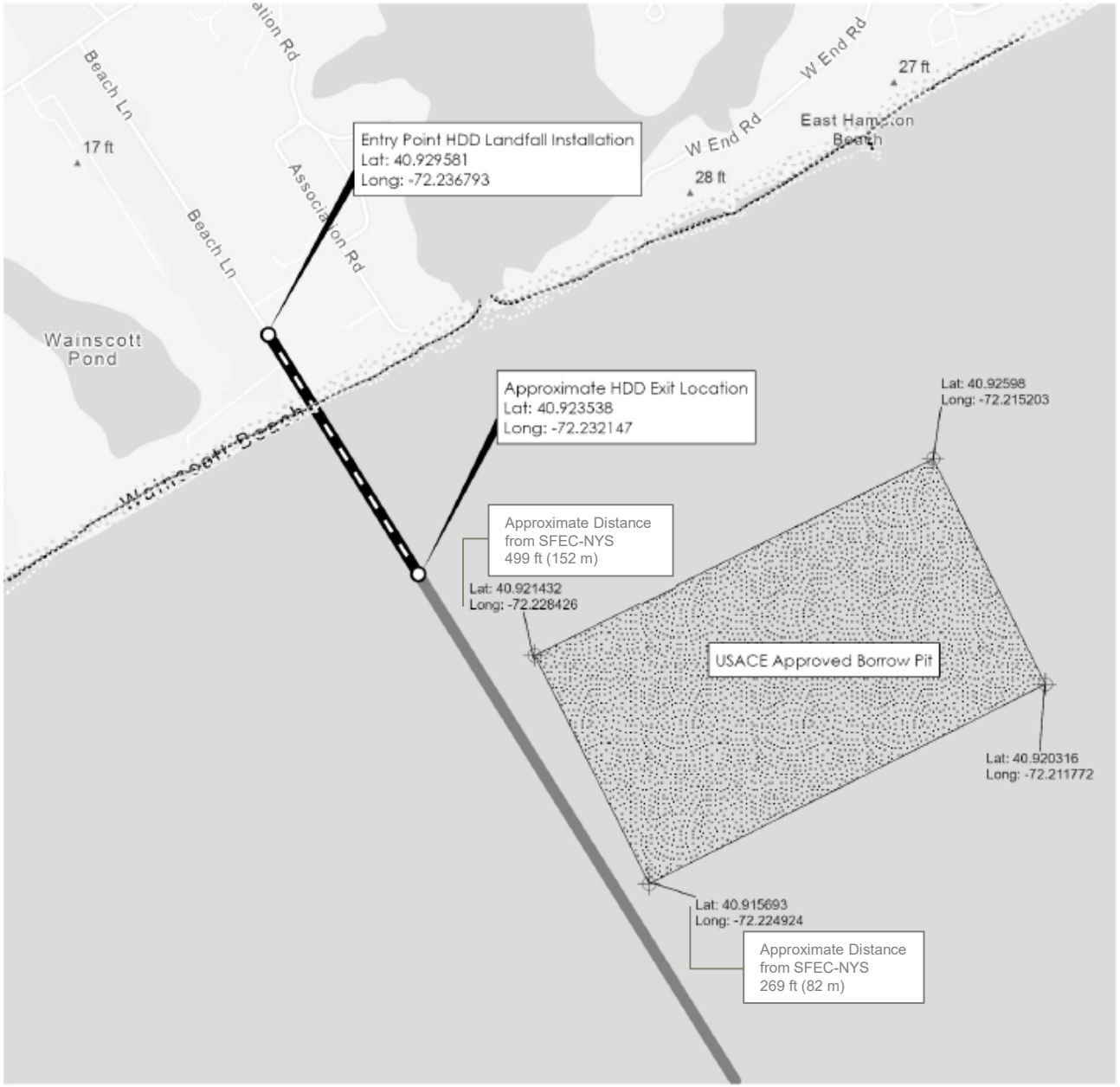
Notes:

1. Existing utilities shown are based on cable route position listing (RPLS) provided by the cable owners to SFW
2. Elevation is referenced to mean lower low water (MLLW) in meters
3. Bathymetric data were collected by Fugro (2017) using multibeam echo sounder
4. Target burial depth for the SFEC-OCS is 1.2 to 1.8 meters (4 to 6 feet). Minimum burial depth for the SFEC-NYS is 1.8 meters (6 feet).

SFEC Plan and Profile

Atlantic Ocean
Sheet 35 of 44

South Fork Wind | Powered by Ørsted & Eversource



Legend

- Approximate HDD Entry and Exit Pit Locations
- Sea-to-Shore Transition
- SFEC New York State Waters (NYS)
- Approximate Mean High Water Line
- Approximate Mean Low Water Line
- Approximate Spring High Water Line
- USACE Approved Borrow Pit

N

0 1,000 Feet

(At original document size of 8.5x11)

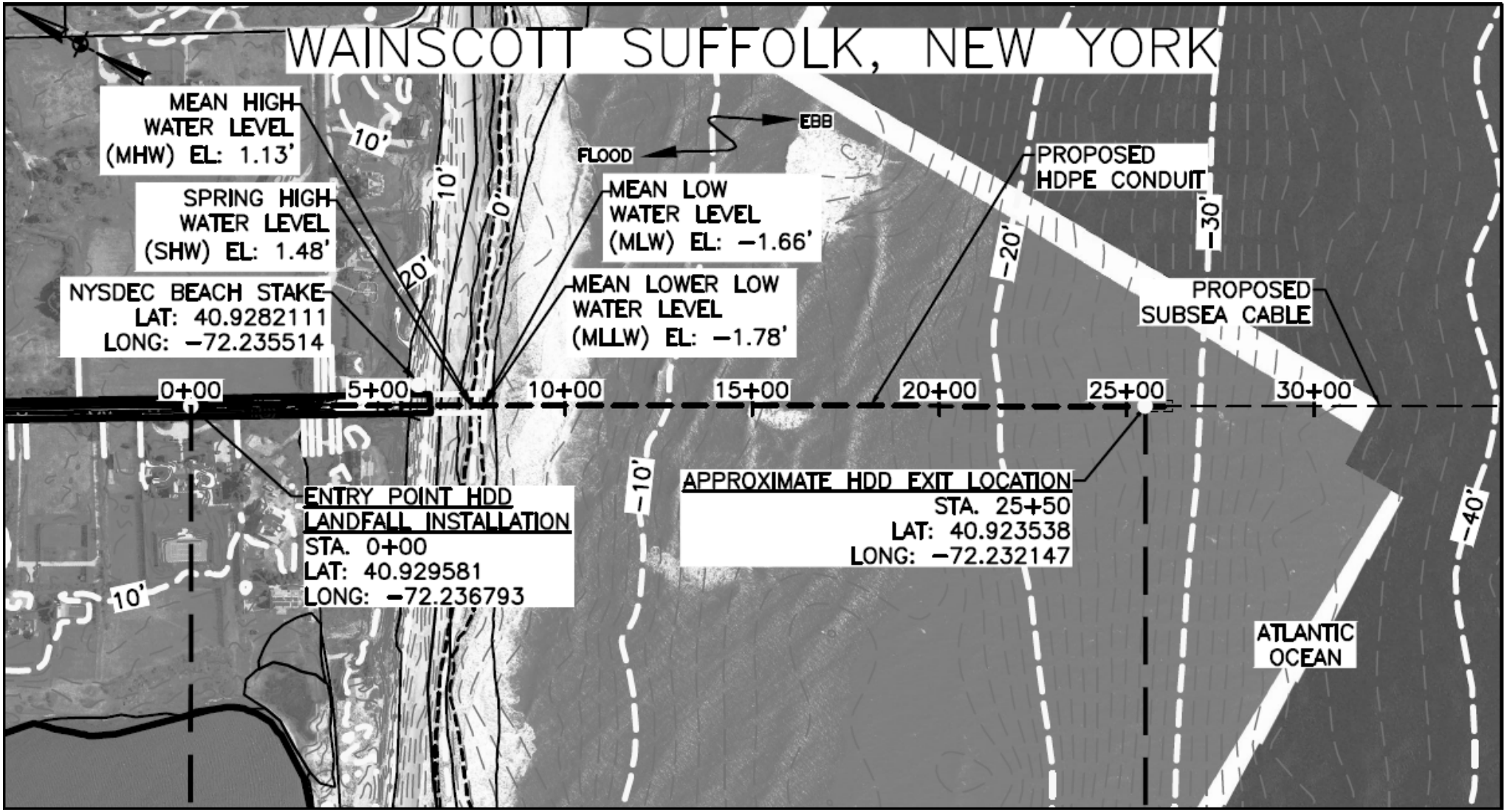
Notes:

1. Site is located in Atlantic Ocean, near East Hampton, NY.
2. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.
3. Mean High Water Line, Mean Low Water Line, and Spring High Water Line derived from the Coastal National Elevation Database (CoNED) and NOAA Bench Mark Data Sheet, Station 8510560, Montauk, NY.

SFWF O&M Montauk
Vicinity Map
12/03/21

Atlantic Ocean
Sheet 36 of 44

South Fork Wind | Powered by Ørsted & Eversource



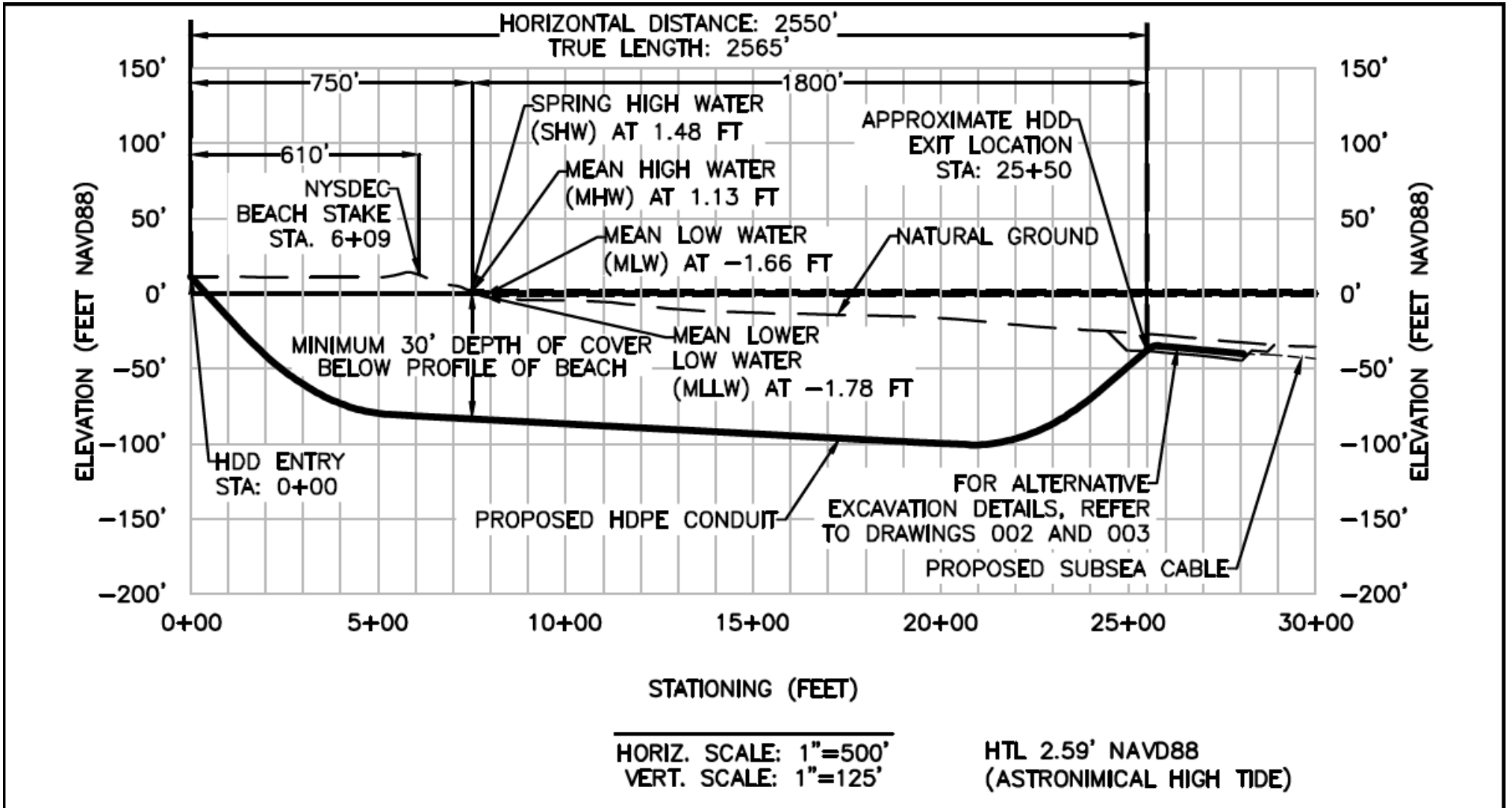
Notes:

1. The sea-to-shore transition for the SFEC-NYS will be installed using HDD between onshore underground cable installation vault and the offshore HDD exit location.
2. HDD exit location may utilitize offshore sheet pile cofferdam, gravity cell cofferdam, or no cofferdam. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth.
3. The cable will be installed at least 30 feet (9.1 m) below the current profile of the beach. Depth depicted in the figure is approximate and final depth will be determined during final engineering design.
4. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.

SFEC Plan and Profile
HDD Installation
12/03/21

Atlantic Ocean
Sheet 37a of 44

South Fork Wind | Powered by Ørsted & Eversource



Notes:

1. The sea-to-shore transition for the SFEC-NYS will be installed using HDD between onshore underground cable installation vault and the offshore HDD exit location.
2. HDD exit location may utilitize offshore sheet pile cofferdam, gravity cell cofferdam, or no cofferdam. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth.
3. The cable will be installed at least 30 feet (9.1 m) below the current profile of the beach. Depth depicted in the figure is approximate and final depth will be determined during final engineering design.
4. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.

SFEC Plan and Profile
HDD Installation
12/03/21

Atlantic Ocean
Sheet 37b of 44

South Fork Wind | Powered by Ørsted & Eversource

HDD Installation Notes:

1. Vertical datum: NAVD 83, Horizontal datum: UTM Zone 19, Feet
2. All elevations are referenced to NAV88 (0.00'). 0.00' NAVD88 = -1.78' MLLW, -1.66' MLW, +1.13' MWH and +2.59' HTL (based on highest astronomical tide).
3. Dimensions provided on drawing are in feet unless otherwise noted.
4. All chainages are horizontal
5. Method of HDPE conduit construction shall be by horizontal directional drilling.
6. HDD Exit Point is located within an excavation. This excavation will help achieve the required burial depth of the HDPE conduit.
7. Drill path shown on the drawings refers to the centerline of the proposed HDD installation. Drilling tolerances may result in slight deviations from these stations and elevations.
8. Approximate exit pit location may include temporary cofferdam (or equal) and temporary support structures. Temporary structures including but not limited to conduit support piles and secondary protection may be installed at the exit pit location to aid in the installation of the HDD. These features would be located within the currently proposed footprint of the cofferdam or excavation and would be removed upon completion of the cable installation.
9. The initial exit pit excavation to be conducted with the use of an environmental clamshell bucket. Dredged sediment may be placed in a hopper scow(s) or similar for temporary storage. The scow(s) may require occasional decanting to remove excess water during dredging operations. Upon completion of the HDD installation, the dredged sediment will be used to backfill and restore the exit pit to its pre-excavation conditions. The dredged sediment will be analyzed for contamination prior to its use as a backfill. Should the sediment be determined unsuitable for placement, the sediment will be disposed of at a NYSDEC-authorized upland disposal facility or alternative with appropriate approvals. If additional fill is necessary to restore the area to its pre-excavated conditions, clean fill of similar grainsize will be acquired from an upland source and placed as backfill.
10. Prior to cable pull in, the dredged area at the end of the HDPE conduit may require targeted removal/clearing of accumulated sediment due to infilling, to avoid damaging the conduit; this work would be conducted with the use of an airlift, controlled flow excavation, and/or suction dredging or similar equipment.
11. Permanent secondary protection may be placed above the HDPE conduit at the exit pit excavation. If concrete mattresses are used for secondary protection, individual mattress dimensions will be approximately 8' wide by 20' length by 1' thick. If other secondary protection methods are proposed, dimensions may differ.
12. The depicted cofferdam and dredge footprint are intended to represent maximum design scenarios. The actual footprints of these activities are dependent on the final installation methodology and engineered design but are anticipated to be smaller than the footprints depicted.
13. Rock bags or equivalent may be temporarily placed within excavation to prevent infilling during HDD operations.
14. Depicted are the current design volume and anticipated maximum dredge volume. Actual dredge footprint dimensions and volume will be dependent on site conditions at the time of construction.

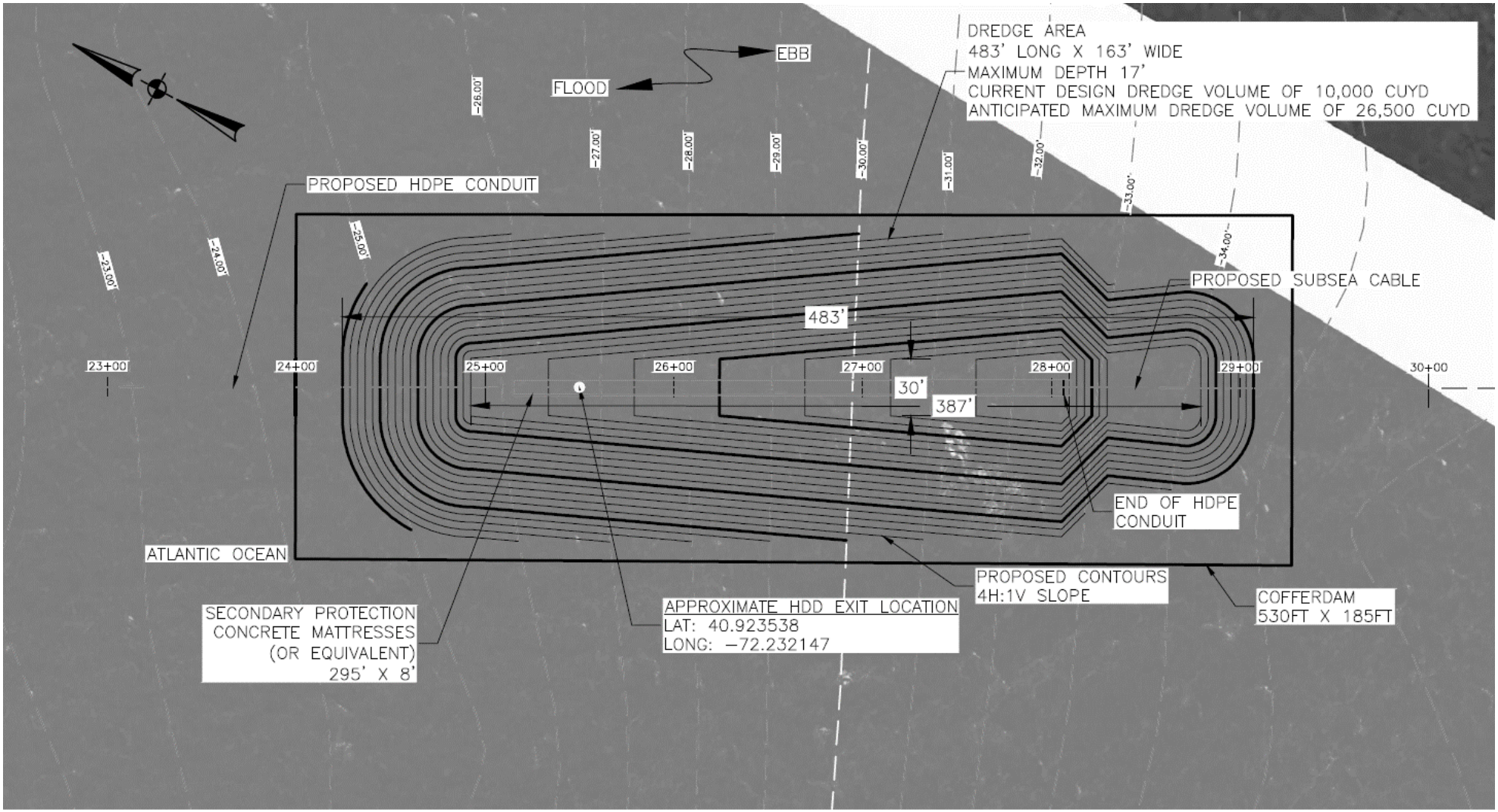
Notes:

1. The sea-to-shore transition for the SFEC-NYS will be installed using HDD between onshore underground cable installation vault and the offshore HDD exit location.
2. HDD exit location may utilitize offshore sheet pile cofferdam, gravity cell cofferdam, or no cofferdam. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth.
3. The cable will be installed at least 30 feet (9.1 m) below the current profile of the beach. Depth depicted in the figure is approximate and final depth will be determined during final engineering design.
4. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.

SFEC Plan and Profile
HDD Installation
12/03/21

Atlantic Ocean
Sheet 37c of 44

South Fork Wind | Powered by Ørsted & Eversource



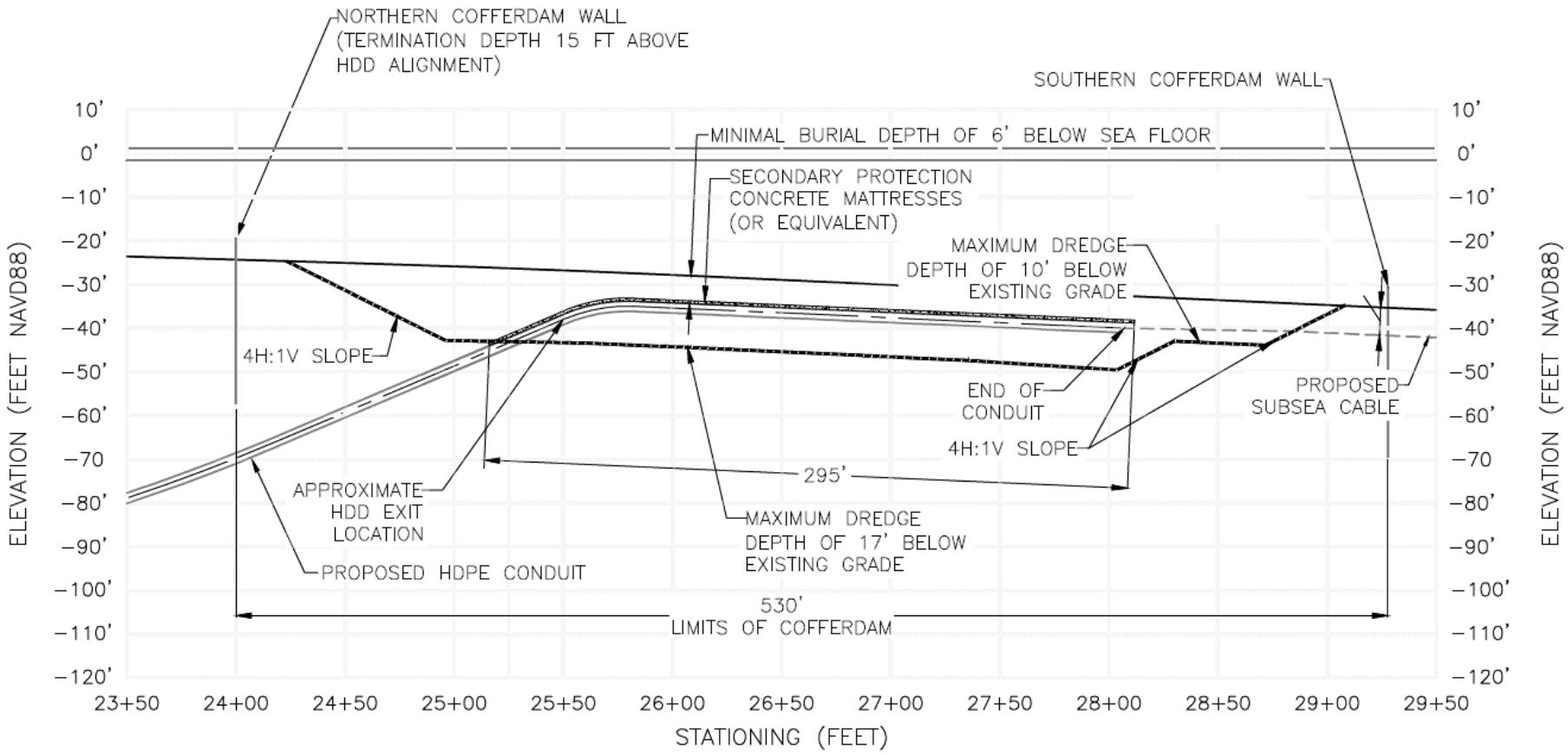
Notes:

1. The sea-to-shore transition for the SFEC-NYS will be installed using HDD between onshore underground cable installation vault and the offshore HDD exit location.
2. HDD exit location may utilize offshore sheet pile cofferdam, gravity cell cofferdam, or no cofferdam. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth.
3. The cable will be installed at least 30 feet (9.1 m) below the current profile of the beach. Depth depicted in the figure is approximate and final depth will be determined during final engineering design.
4. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.

SFEC Plan and Profile
HDD Installation (w/Cofferdam)
12/03/21

Atlantic Ocean
Sheet 38a of 44

South Fork Wind | Powered by Ørsted & Eversource



PROFILE

HORIZ. SCALE: 1"=40'
VERT. SCALE: 1"=20'

Notes:

1. The sea-to-shore transition for the SFEC-NYS will be installed using HDD between onshore underground cable installation vault and the offshore HDD exit location.
2. HDD exit location may utilize offshore sheet pile cofferdam, gravity cell cofferdam, or no cofferdam. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth.
3. The cable will be installed at least 30 feet (9.1 m) below the current profile of the beach. Depth depicted in the figure is approximate and final depth will be determined during final engineering design.
4. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.

SFEC Plan and Profile
HDD Installation (w/Cofferdam)
12/03/21

Atlantic Ocean
Sheet 38b of 44

South Fork Wind | Powered by Ørsted & Eversource

HDD Installation Notes – with Cofferdam:

1. Vertical datum: NAVD 83, Horizontal datum: UTM Zone 19, Feet
2. All elevations are referenced to NAV88 (0.00'). 0.00' NAVD88 = -1.78' MLLW, -1.66' MLW, +1.13' MWH and +2.59' HTL (based on highest astronomical tide).
3. Dimensions provided on drawing are in feet unless otherwise noted.
4. All chainages are horizontal
5. Method of HDPE conduit construction shall be by horizontal directional drilling.
6. HDD Exit Point is located within an excavation. This excavation will help achieve the required burial depth of the HDPE conduit.
7. Drill path shown on the drawings refers to the centerline of the proposed HDD installation. Drilling tolerances may result in slight deviations from these stations and elevations.
8. Approximate exit pit location may include temporary cofferdam (or equal) and temporary support structures. Temporary structures including but not limited to conduit support piles and secondary protection may be installed at the exit pit location to aid in the installation of the HDD. These features would be located within the currently proposed footprint of the cofferdam or excavation and would be removed upon completion of the cable installation.
9. The initial exit pit excavation to be conducted with the use of an environmental clamshell bucket. Dredged sediment may be placed in a hopper scow(s) or similar for temporary storage. The scow(s) may require occasional decanting to remove excess water during dredging operations. Upon completion of the HDD installation, the dredged sediment will be used to backfill and restore the exit pit to its pre-excavation conditions. The dredged sediment will be analyzed for contamination prior to its use as a backfill. Should the sediment be determined unsuitable for placement, the sediment will be disposed of at a NYSDEC-authorized upland disposal facility or alternative with appropriate approvals. If additional fill is necessary to restore the area to its pre-excavated conditions, clean fill of similar grainsize will be acquired from an upland source and placed as backfill.
10. Prior to cable pull in, the dredged area at the end of the HDPE conduit may require targeted removal/clearing of accumulated sediment due to infilling, to avoid damaging the conduit; this work would be conducted with the use of an airlift, controlled flow excavation, and/or suction dredging or similar equipment.
11. Permanent secondary protection may be placed above the HDPE conduit at the exit pit excavation. If concrete mattresses are used for secondary protection, individual mattress dimensions will be approximately 8' wide by 20' length by 1' thick. If other secondary protection methods are proposed, dimensions may differ.
12. The depicted cofferdam and dredge footprint are intended to represent maximum design scenarios. The actual footprints of these activities are dependent on the final installation methodology and engineered design but are anticipated to be smaller than the footprints depicted.
13. Rock bags or equivalent may be temporarily placed within excavation to prevent infilling during HDD operations.
14. Depicted are the current design volume and anticipated maximum dredge volume. Actual dredge footprint dimensions and volume will be dependent on site conditions at the time of construction.

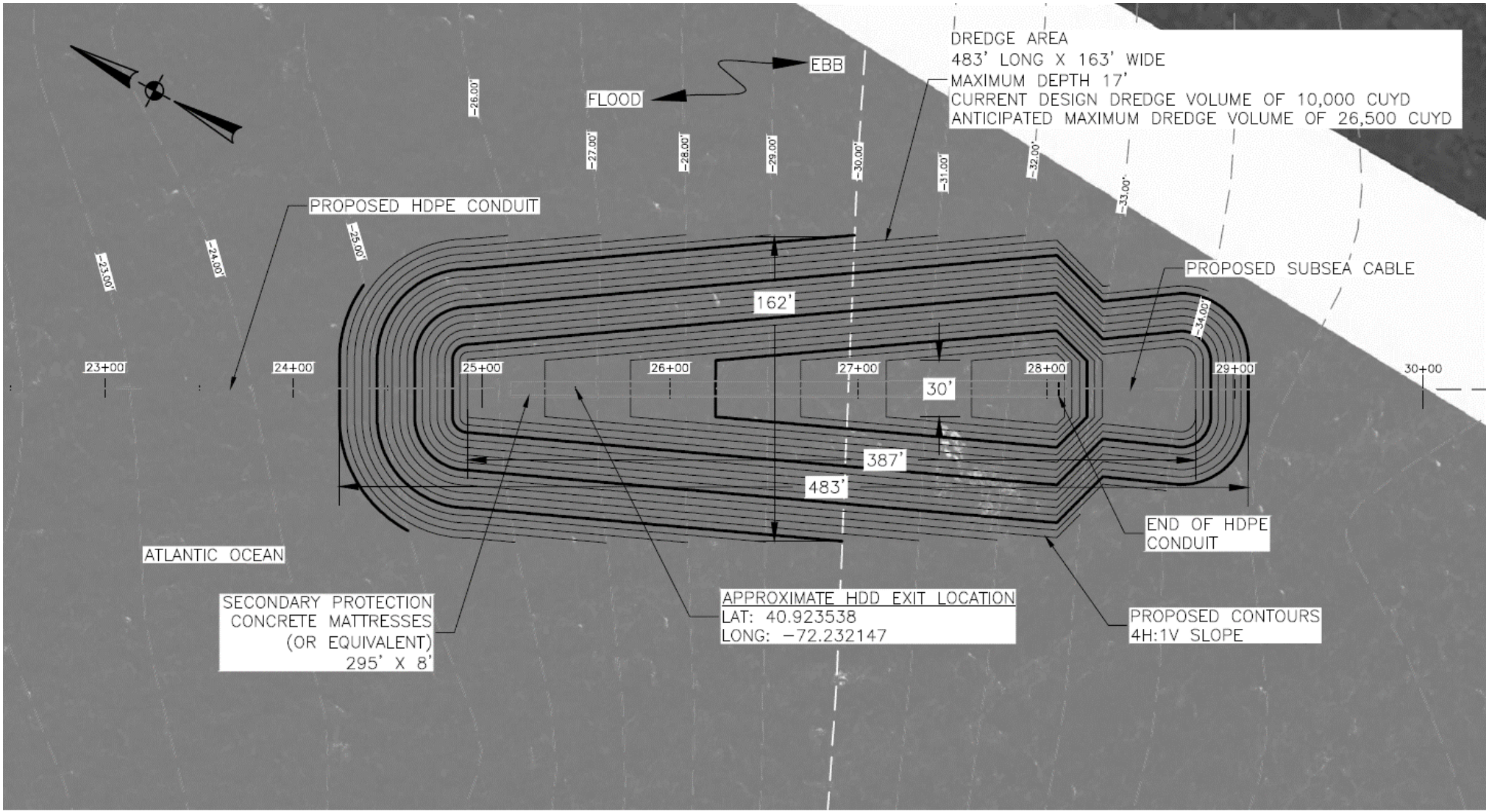
Notes:

1. The sea-to-shore transition for the SFEC-NYS will be installed using HDD between onshore underground cable installation vault and the offshore HDD exit location.
2. HDD exit location may utilize offshore sheet pile cofferdam, gravity cell cofferdam, or no cofferdam. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth.
3. The cable will be installed at least 30 feet (9.1 m) below the current profile of the beach. Depth depicted in the figure is approximate and final depth will be determined during final engineering design.
4. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.

SFEC Plan and Profile
HDD Installation (w/Cofferdam)
12/03/21

Atlantic Ocean
Sheet 38c of 44

South Fork Wind | Powered by Ørsted & Eversource



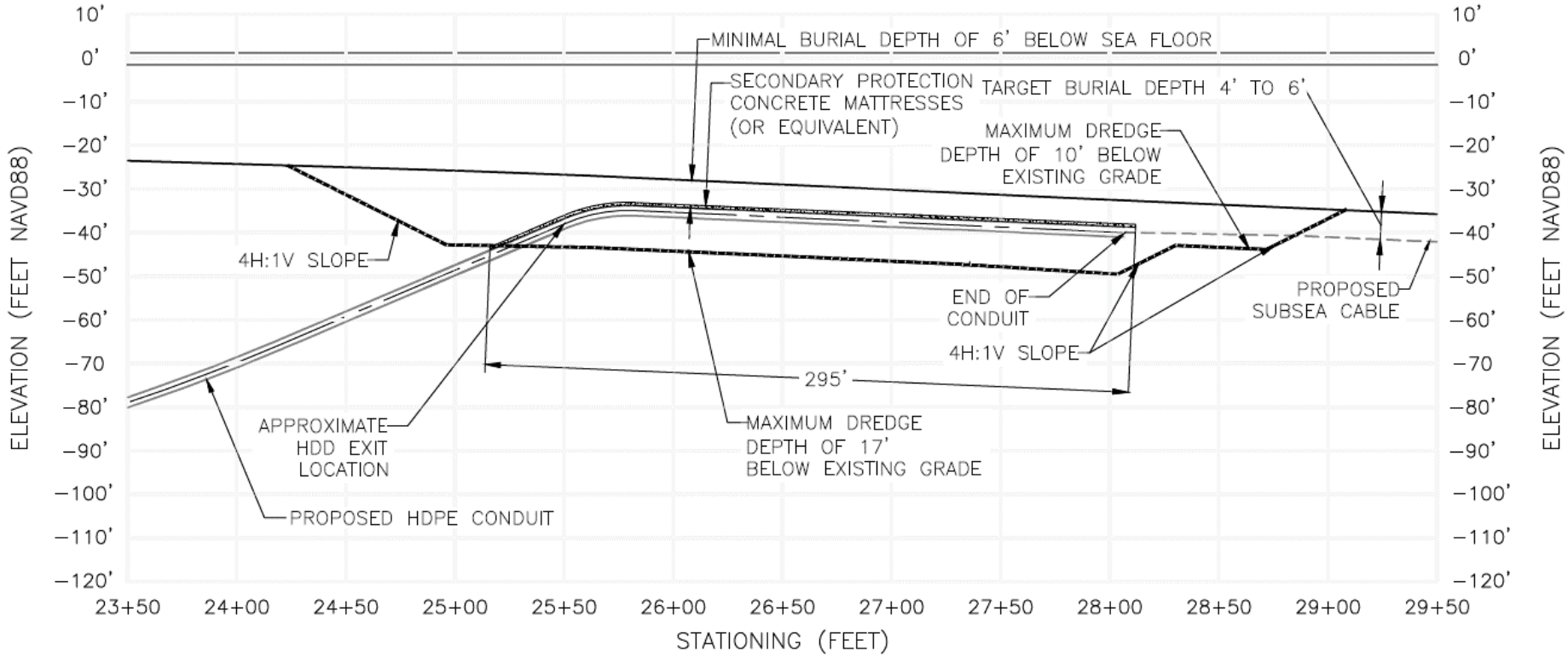
Notes:

1. The sea-to-shore transition for the SFEC-NYS will be installed using HDD between onshore underground cable installation vault and the offshore HDD exit location.
2. HDD exit location may utilitize offshore sheet pile cofferdam, gravity cell cofferdam, or no cofferdam. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth.
3. The cable will be installed at least 30 feet (9.1 m) below the current profile of the beach. Depth depicted in the figure is approximate and final depth will be determined during final engineering design.
4. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.

SFEC Plan and Profile
HDD Installation (No Cofferdam)
12/03/21

Atlantic Ocean
Sheet 39a of 44

South Fork Wind | Powered by Ørsted & Eversource



PROFILE

HORIZ. SCALE: 1"=40'
VERT. SCALE: 1"=20'

Notes:

1. The sea-to-shore transition for the SFEC-NYS will be installed using HDD between onshore underground cable installation vault and the offshore HDD exit location.
2. HDD exit location may utilitize offshore sheet pile cofferdam, gravity cell cofferdam, or no cofferdam. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth.
3. The cable will be installed at least 30 feet (9.1 m) below the current profile of the beach. Depth depicted in the figure is approximate and final depth will be determined during final engineering design.
4. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.

SFEC Plan and Profile
HDD Installation (No Cofferdam)
12/03/21

Atlantic Ocean
Sheet 39b of 44

South Fork Wind | Powered by Ørsted & Eversource

HDD Notes for Installation with No Cofferdam:

1. Vertical datum: NAVD 83, Horizontal datum: UTM Zone 19, Feet
2. All elevations are referenced to NAV88 (0.00'). 0.00' NAVD88 = -1.78' MLLW, -1.66' MLW, +1.13' MWH and +2.59' HTL (based on highest astronomical tide).
3. Dimensions provided on drawing are in feet unless otherwise noted.
4. All chainages are horizontal
5. Method of HDPE conduit construction shall be by horizontal directional drilling.
6. HDD Exit Point is located within an excavation. This excavation will help achieve the required burial depth of the HDPE conduit.
7. Drill path shown on the drawings refers to the centerline of the proposed HDD installation. Drilling tolerances may result in slight deviations from these stations and elevations.
8. Approximate exit pit location may include temporary cofferdam (or equal) and temporary support structures. Temporary structures including but not limited to conduit support piles and secondary protection may be installed at the exit pit location to aid in the installation of the HDD. These features would be located within the currently proposed footprint of the cofferdam or excavation and would be removed upon completion of the cable installation.
9. The initial exit pit excavation to be conducted with the use of an environmental clamshell bucket. Dredged sediment may be placed in a hopper scow(s) or similar for temporary storage. The scow(s) may require occasional decanting to remove excess water during dredging operations. Upon completion of the HDD installation, the dredged sediment will be used to backfill and restore the exit pit to its pre-excavation conditions. The dredged sediment will be analyzed for contamination prior to its use as a backfill. Should the sediment be determined unsuitable for placement, the sediment will be disposed of at a NYSDEC-authorized upland disposal facility or alternative with appropriate approvals. If additional fill is necessary to restore the area to its pre-excavated conditions, clean fill of similar grainsize will be acquired from an upland source and placed as backfill.
10. Prior to cable pull in, the dredged area at the end of the HDPE conduit may require targeted removal/clearing of accumulated sediment due to infilling, to avoid damaging the conduit; this work would be conducted with the use of an airlift, controlled flow excavation, and/or suction dredging or similar equipment.
11. Permanent secondary protection may be placed above the HDPE conduit at the exit pit excavation. If concrete mattresses are used for secondary protection, individual mattress dimensions will be approximately 8' wide by 20' length by 1' thick. If other secondary protection methods are proposed, dimensions may differ.
12. The depicted cofferdam and dredge footprint are intended to represent maximum design scenarios. The actual footprints of these activities are dependent on the final installation methodology and engineered design but are anticipated to be smaller than the footprints depicted.
13. Rock bags or equivalent may be temporarily placed within excavation to prevent infilling during HDD operations.
14. Depicted are the current design volume and anticipated maximum dredge volume. Actual dredge footprint dimensions and volume will be dependent on site conditions at the time of construction.

Notes:

1. The sea-to-shore transition for the SFEC-NYS will be installed using HDD between onshore underground cable installation vault and the offshore HDD exit location.
2. HDD exit location may utilitize offshore sheet pile cofferdam, gravity cell cofferdam, or no cofferdam. The exit location will be approximately 1,750 feet (533 m) from the MHWL, sited at location with approximately 35 to 40 feet (7.6 to 12.2 m) of water depth.
3. The cable will be installed at least 30 feet (9.1 m) below the current profile of the beach. Depth depicted in the figure is approximate and final depth will be determined during final engineering design.
4. A new underground transition vault will be placed within the roadway approximately 800 feet (243 m) onshore from the MHWL.

SFEC Plan and Profile
HDD Installation (No Cofferdam)
12/03/21

Atlantic Ocean
Sheet 39c of 44

South Fork Wind | Powered by Ørsted & Eversource

Legend

- O & M Facility
- Federal Navigation Channel
- Approximate Mean High Water Line
- Approximate Mean Low Water Line
- Approximate Spring High Water Line

N

0 1,000 Feet

(At original document size of 8.5x11)

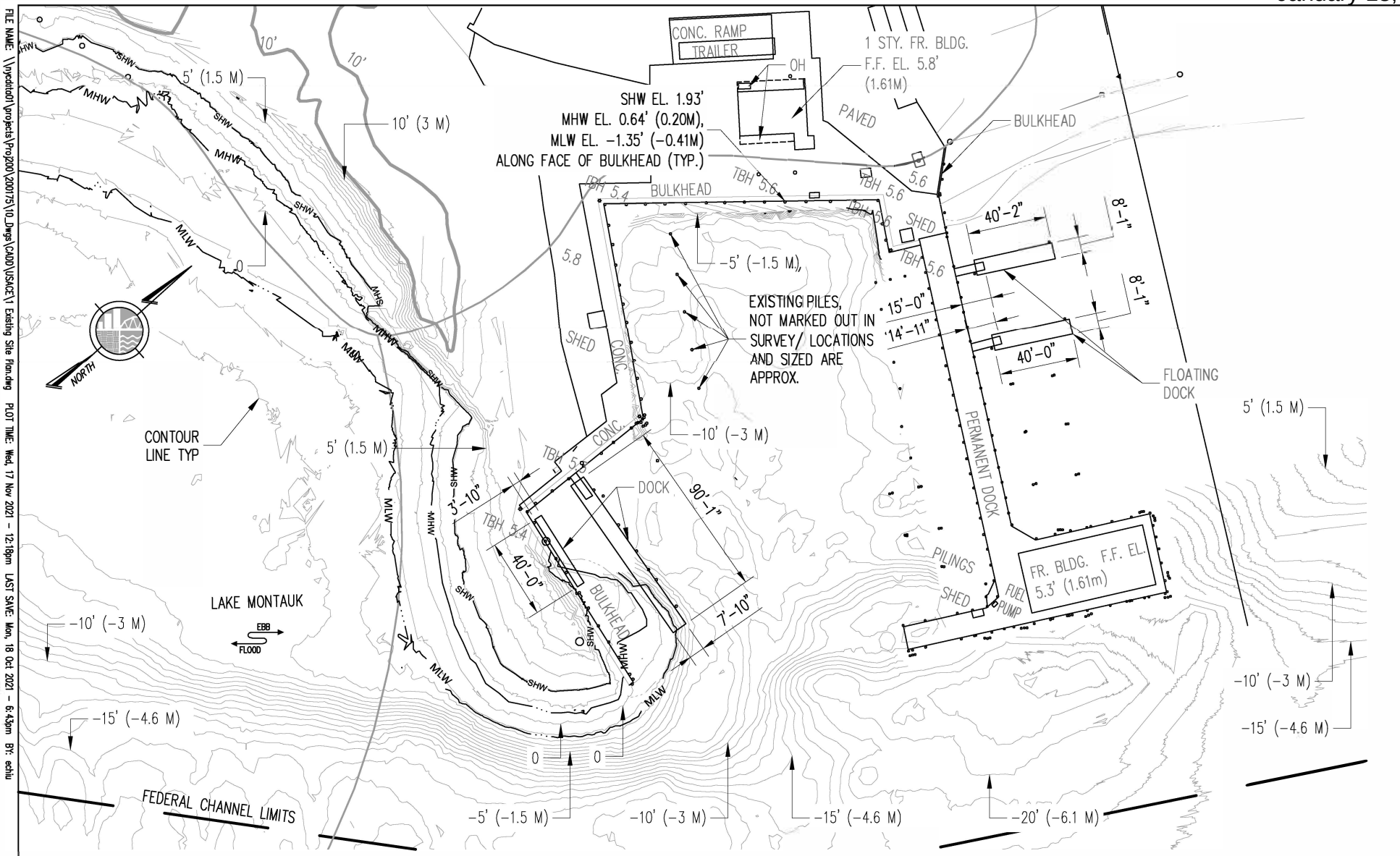
Notes:

1. Site is located in Lake Montauk, Suffolk County, NY.
2. Adjacent property owner to the east is Inlet Seafood Property LLC.
3. Mean High Water Line, Mean Low Water Line, and Spring High Water Line derived from the Coastal National Elevation Database (CoNED) and NOAA Bench Mark Data Sheet, Station 8510560, Montauk, NY.

SFWF O&M Montauk
Vicinity Map

Lake Montauk
Sheet 40 of 44

South Fork Wind | Powered by Ørsted & Eversource



0 70' 140'

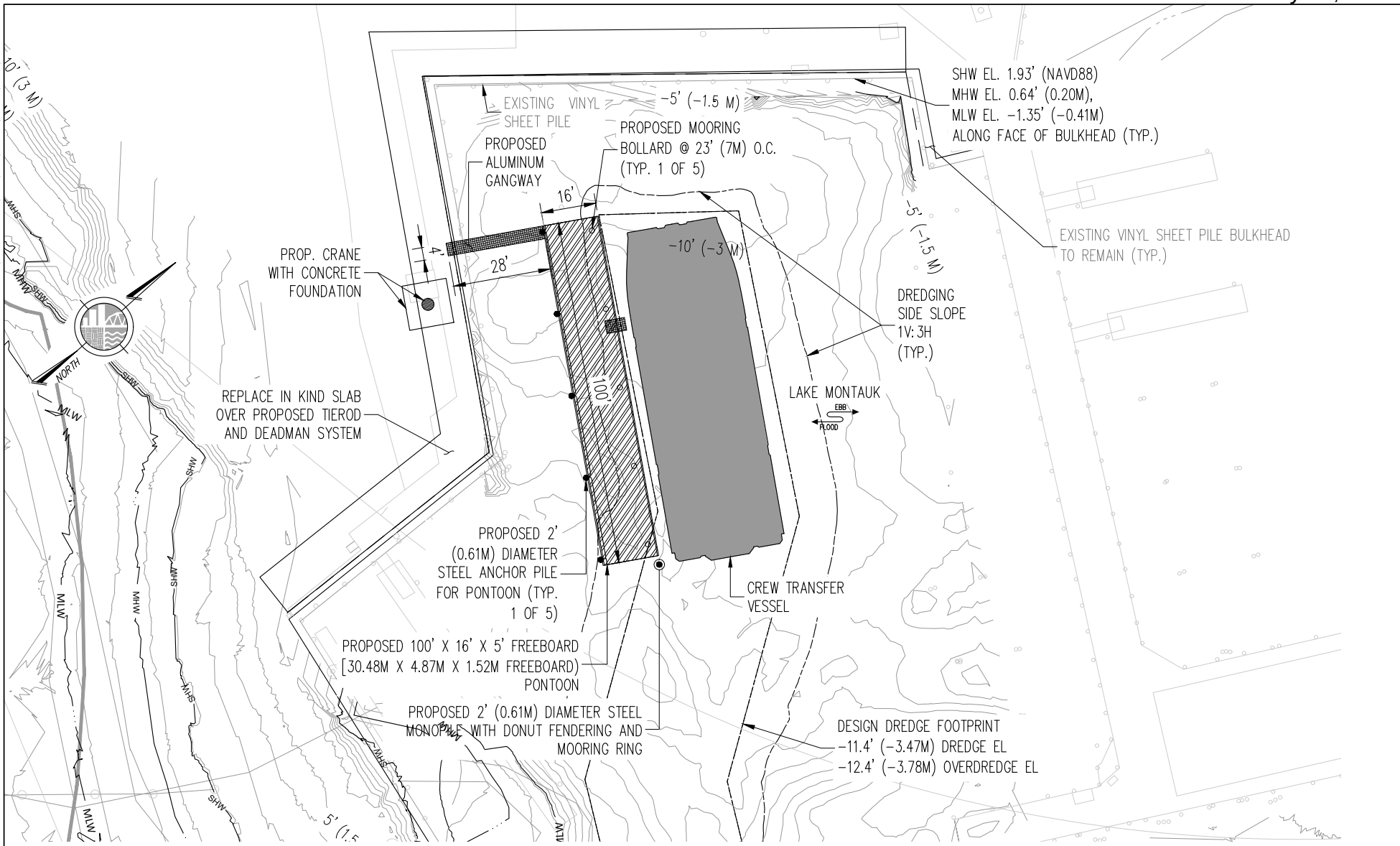
1" = 70'-0"

NOTES:

1. Data extracted from two surveys provided to McLaren Engineering Group by Wood Group. Topographic and upland information is based on survey completed; date of survey is unknown. Bathymetric data is based on a survey completed by Ocean Surveys, Inc in March 2020.
2. Dimensions of over-water structures are based on previous topographic survey, and are approximate.
3. Site is located in Lake Montauk, Montauk, Suffolk Conuty, NY.
4. Adjacent property owner to the east is Inlet Seafood Property LLC.
5. Horizontal Datum: N.Y.S.P.C.S. NAD 1983 NY Long Island 3104.
6. Vertical Datum: FT NAVD88.

SFWF O&M Montauk
Existing Conditions
Lake Montauk
Sheet 41 of 44

South Fork Wind | Powered by Ørsted & Eversource

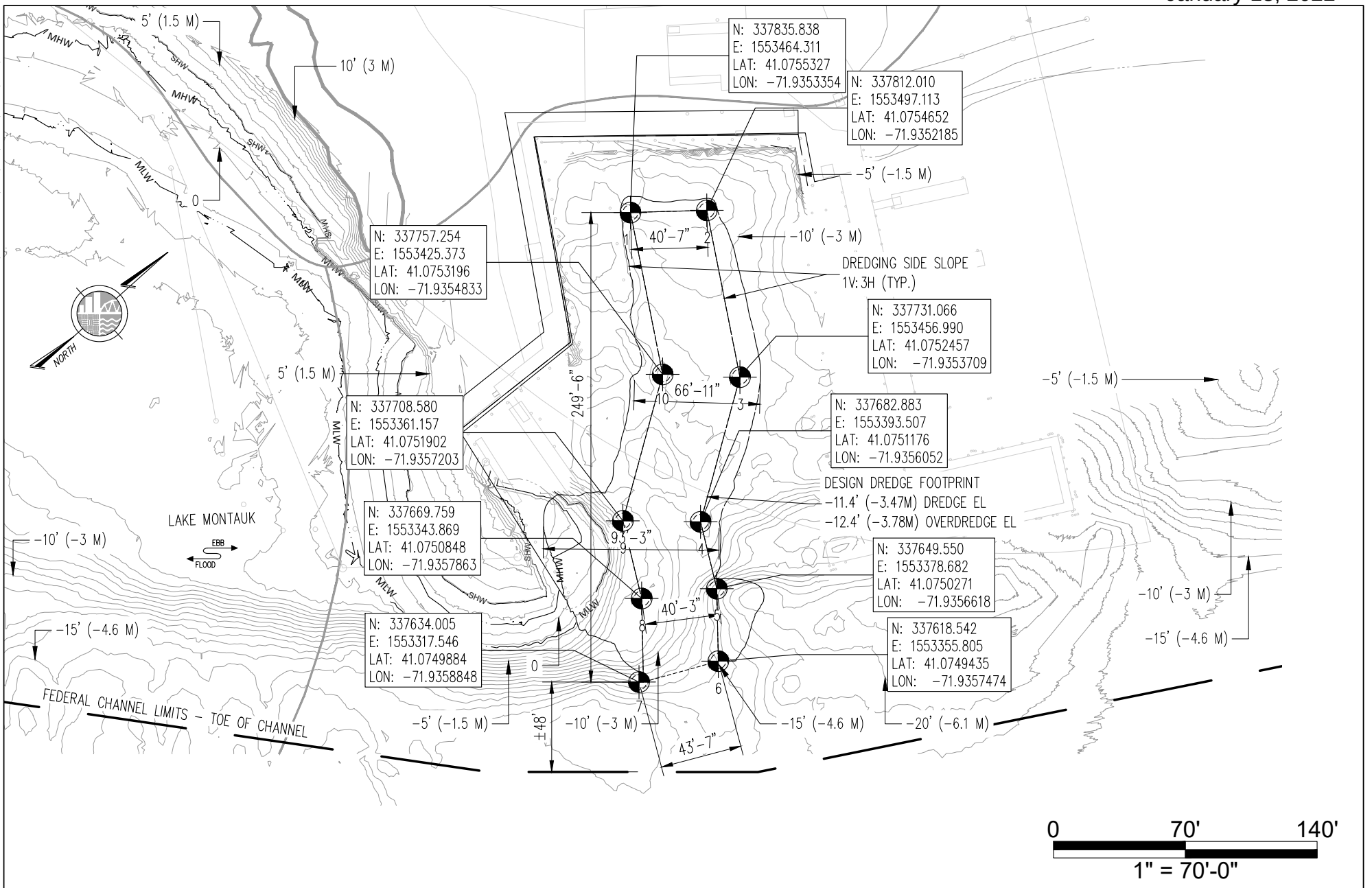


NOTES:

1. Project information provided by South Fork Wind and The Wood Group. Data extracted from two surveys provided to McLaren Engineering Group by The Wood Group. Topographic and upland information is based on survey completed; date of survey is unknown. Bathymetric data is based on a survey completed by Ocean Surveys, Inc in March 2020.
2. Site is located in Lake Montauk, Montauk, Suffolk Conuty, NY.
3. Structures include floating pontoon dock with anchor piles (up to 16' wide by 100' long, [1,600 sf]), stationary aluminum gangway (up to 4' wide by 28' long. [112 sf]), and one additional mooring pile (up to 2' diameter [3 sf]).

SFWF O&M Montauk
Proposed Structures - Plan
Lake Montauk
Sheet 42 of 44

South Fork Wind | Powered by Ørsted & Eversource



NOTES:

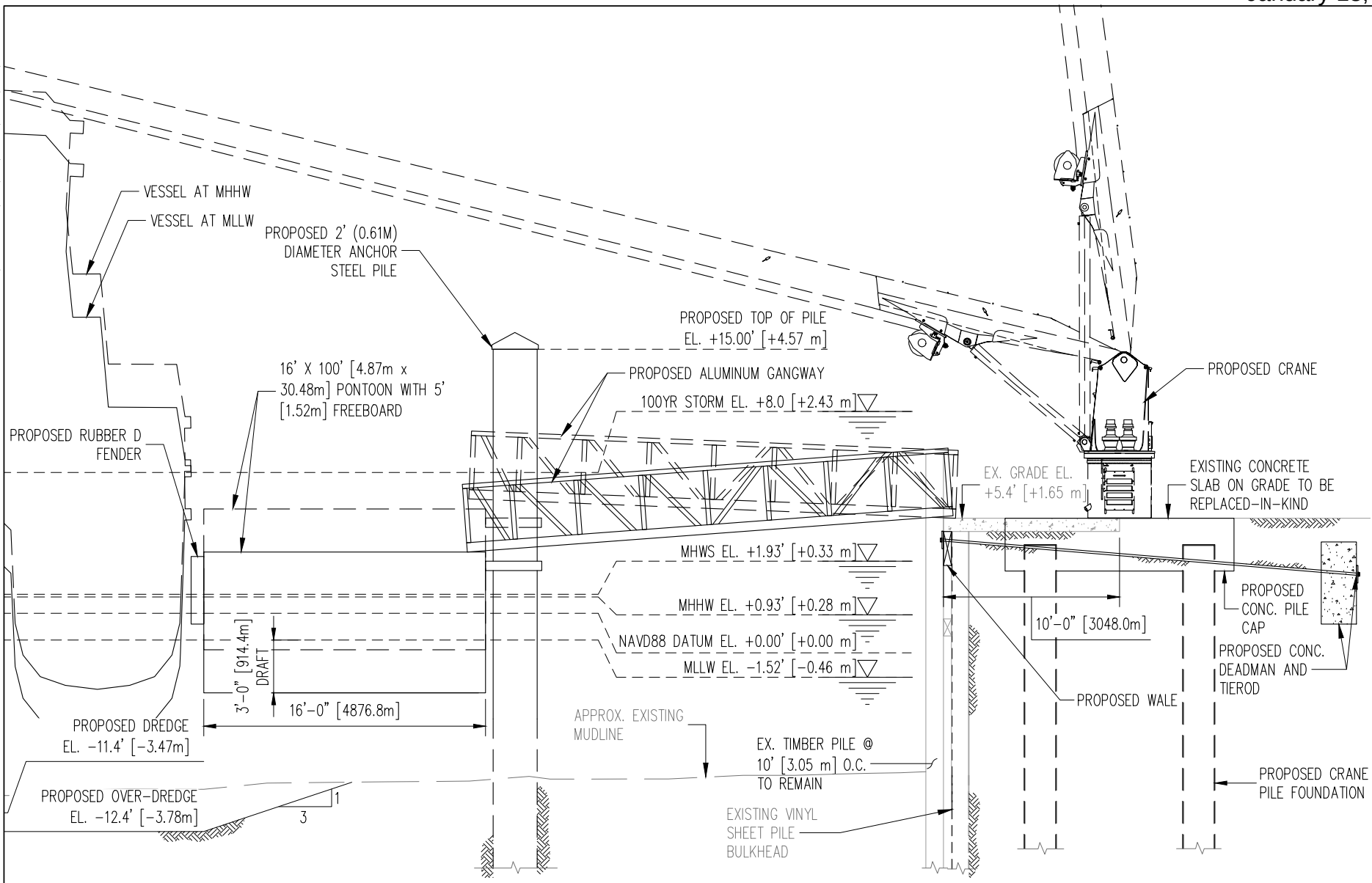
1. Data extracted from two surveys provided to McLaren Engineering Group by Wood Group. Topographic and upland information is based on survey completed; date of survey is unknown. bathymetric data is based on a survey completed by Ocean Surveys, Inc in March 2020.
2. Site is located in Lake Montauk, Montauk, Suffolk County, NY.
3. Initial dredge area of approximately 2,500 yd^3 (1,911 m^3). Maintenance dredging when required will be approximately 1,500 yd^3 (1,147 m^3). Dredged material will be disposed of upland under an NYSDEC−approved Beneficial Use Determination or at an NYSDEC authorized upland disposal site. The disposal will not result in the discharge of either dewatering water or dredge material into Waters of the United States.

Dredging: Dredge approximately 2,500 cubic yards of sediment anticipated to be predominantly sand via mechanical clamshell dredge from an approximately, 18,045 square foot area to a depth of −12.4' NAVD 88 (including a 1−foot overdredge). The area will be maintained with maintenance dredging events over a ten−year period on an as needed basis anticipated to be bi−annually.

In−water Improvements: From the existing bulkhead, install a 4−foot wide by 28−foot long ramp and a 16−foot wide by 100−foot long floating pontoon, supported by five (5) 2−foot diameter steel piles, install one (1) 2−foot diameter steel monopile with donut fendering and mooring ring. The piles will be installed with a vibratory hammer. Should difficult driving conditions be encountered an impact hammer may be used for pile installation.

SFWF O&M Montauk
Proposed Dredge - Plan
Lake Montauk
Sheet 43 of 44

South Fork Wind | Powered by Ørsted & Eversource



NOTES:
1. Crane is depicted conceptually only.
2. Tie-back system to be replaced with new system as shown conceptually.
3. Proposed dredge work results in approximately 2,500 cubic yards of dredged material, proposed pile, and pontoon installations results in approximately 13 cubic yards of fill below MHWS from six two-foot-diameter steel anchor/mooring piles. The piles have a combined 19 square feet of area.
4. Elevations shown in NAVD88.
5. Crane is depicted conceptually only.

SFWF O&M Montauk
Proposed Dredge - Cross-Section at Pontoon
Lake Montauk
Sheet 44 of 44

South Fork Wind | Powered by Ørsted & Eversource

PERMIT

Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
INLET SEAFOOD PROPERTY LLC
PO BOX 2148
MONTAUK, NY 11954-2148

South Fork Wind LLC
56 Exchange Ter Ste 300
Providence, RI 02903
(401) 868-4228

Facility:
Montauk O&M Facility
541 E LAKE DR|SCTM# 300-6-2-2&3
MONTAUK, NY 11954

Facility Location: in EAST HAMPTON in SUFFOLK COUNTY
Facility Principal Reference Point: NYTM-E: 757.484 NYTM-N: 4551.697
Latitude: 41°04'32.8" Longitude: 71°56'06.4"
Project Location: 541 East Lake Drive on Lake Montauk
Authorized Activity: Construction of an Operations and Maintenance Facility (O&M Facility) including:
(1) Removal of existing piles and docks.
(2) Dredging approximately 2,500 cubic yards in the existing marina to accommodate deeper draft Crew Transfer Vessels. An approximately 0.41 acre area area of Lake Montauk will be dredged to a depth of -12.4 feet mean low water with an additional one foot of allowed overdredge.
(3) Maintenance repairs to the existing bulkhead including new waler and tierods.
(4) Construction of a new floating pontoon dock (100 feet long by 16 feet wide with 5 feet of freeboard).
(5) Installation of five 2-feet diameter steel pipe piles and one 2-feet diameter steel monopile to secure the pontoon dock and provide mooring for Crew Transfer Vessels.
(6) Installation of an aluminum gangway (28 feet long by 4 feet wide).
(7) Annual maintenance dredging of up to 1,500 cubic yards per year, within the permit term.

Permit Authorizations

Excavation & Fill in Navigable Waters - Under Article 15, Title 5
Permit ID 1-4724-00371/00039
New Permit Effective Date: 11/16/2021 Expiration Date: 11/15/2031

Water Quality Certification - Under Section 401 - Clean Water Act
Permit ID 1-4724-00371/00040
New Permit Effective Date: 11/16/2021 Expiration Date: 11/15/2031

Tidal Wetlands - Under Article 25
Permit ID 1-4724-00371/00041
New Permit Effective Date: 11/16/2021 Expiration Date: 11/15/2031

Docks, Platforms & Moorings - Under Article 15, Title 5
Permit ID 1-4724-00371/00042
New Permit Effective Date: 11/16/2021 Expiration Date: 11/15/2031

NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: KAREN M GAIDASZ, Deputy Chief Permit Administrator
Address: NYSDEC Headquarters
625 Broadway
Albany, NY 12233

Authorized Signature: Karen M. Gaidasz Date 11/16/2021

Permit Components

NATURAL RESOURCE PERMIT CONDITIONS

WATER QUALITY CERTIFICATION SPECIFIC CONDITION

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

NATURAL RESOURCE PERMIT CONDITIONS - Apply to the Following Permits: EXCAVATION & FILL IN NAVIGABLE WATERS; WATER QUALITY CERTIFICATION; TIDAL WETLANDS; DOCKS, PLATFORMS & MOORINGS

GENERAL REQUIREMENTS

1. **Conformance With Plans** All activities authorized by this permit must be in strict conformance with the approved plans submitted by the applicant or applicant's agent as part of the permit application. Such approved plans were prepared by Orsted, on behalf of South Fork Wind LLC as listed in Condition #2, Approved Plans.

2. **Approved Plans** "Montauk O&M Facility" Joint Permit Application, submitted by South Fork Wind LLC, prepared by Orsted, originally received on March 15, 2021, with subsequent revisions as listed below:
- NYSDEC Joint Application, dated March 15, 2021, last revised July 27, 2021.
- Exhibit B Montauk O&M Onshore Plans, dated July 27, 2021.
- Exhibit C Montauk O&M SPDES Info, dated July 27, 2021.
- SFW – Montauk Dredging Footprint Errata, dated July 27, 2021.
- Dredge Management Plan, dated November 15, 2021.

3. **Approved Plan Discrepancies** If there is a discrepancy in the Approved Plans, the most recent document or plan takes precedence. If there is a discrepancy between the Approved Plans and any permit condition, the permit conditions take precedence.

4. **Revised, Modified or New Plans** The Permittee must notify NYSDEC of material alterations to any Authorized Activity at least 1 week prior to starting that Activity. NYSDEC reserves the right to modify permit conditions upon review of revised, modified or new plans.

5. **No Interference With Navigation** There shall be no unreasonable interference with navigation by the work herein authorized.

6. **State Not Liable for Damage** The State of New York shall in no case be liable for any damage or injury to the structure or work herein authorized which may be caused by or result from future operations undertaken by the State for the conservation or improvement of navigation, or for other purposes, and no claim or right to compensation shall accrue from any such damage.

7. **State May Require Site Restoration** If upon the expiration or revocation of this permit, the project hereby authorized has not been completed, the applicant shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may lawfully require, remove all or any portion of the uncompleted structure or fill and restore the site to its former condition. No claim shall be made against the State of New York on account of any such removal or alteration.

8. **State May Order Removal or Alteration of Work** If future operations by the State of New York require an alteration in the position of the structure or work herein authorized, or if, in the opinion of the Department of Environmental Conservation it shall cause unreasonable obstruction to the free navigation of said waters or flood flows or endanger the health, safety or welfare of the people of the State, or cause loss or destruction of the natural resources of the State, the owner may be ordered by the Department to remove or alter the structural work, obstructions, or hazards caused thereby without expense to the State, and if, upon the expiration or revocation of this permit, the structure, fill, excavation, or other modification of the watercourse hereby authorized shall not be completed, the owners, shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may require, remove all or any portion of the uncompleted structure or fill and restore to its former condition the navigable and flood capacity of the watercourse. No claim shall be made against the State of New York on account of any such removal or alteration.

NOTIFICATIONS AND POSTINGS

9. **Notifications and Submissions to NYSDEC** All notifications and submissions required by this Permit must be provided in writing to the Permit Administrator at NYSDEC, 625 Broadway, Albany, NY 12233 and by email at: karen.gaidasz@dec.ny.gov.

10. **Notification of Commencement of Authorized Activities** The Permittee must notify NYSDEC at least 48 hours prior to commencement of any Authorized Activities.

BEST MANAGEMENT PRACTICES

11. **Storage of Equipment, Materials** The storage of construction equipment and materials shall be confined to the upland area landward of the bulkhead or on a barge.

12. **No Disturbance to Vegetated Tidal Wetlands** There shall be no disturbance to vegetated tidal wetlands or protected buffer areas as a result of the permitted activities.

13. **No Construction Debris in Wetland or Adjacent Area** Any debris or excess material from construction of this project shall be completely removed from the adjacent area (upland) and removed to an approved upland area for disposal. No debris is permitted in wetlands and/or protected buffer areas.

14. Filter Fabric Turbidity Curtain
a) A filter fabric turbidity curtain weighted across the bottom and suspended at the top by floats must be positioned to enclose the work site before commencing dredging, bulkhead repairs and other sediment disturbing activities.
b) The curtain shall remain in place and in functional condition during all in-water work.
c) The curtain must remain in place for at least two hours after completing in-water work and until turbidity inside the curtain no longer exceeds ambient levels.
d) The curtain must be inspected and maintained daily prior to commencing dredging activities.
e) If a curtain is not utilized, in-water work may not be conducted between December 15 through May 31 to be protective of winter flounder or between June 1 through July 31 to be protective of shellfish.

15. Precautions Against Contamination of Waters All necessary precautions shall be taken to preclude contamination of any wetland or waterway by suspended solids, sediments, fuels, solvents, lubricants, epoxy coatings, paints, concrete, leachate or any other environmentally deleterious materials associated with the project.

16. Report Spills Any spillage of fuels or other petroleum products or hazardous materials shall be reported to NYSDEC's Spill Hotline (1-800-457-7362) within 2 hours.

17. Water Quality Standards Visual observations of turbidity must be conducted to ensure compliance with the narrative water quality standard in 6 NYCRR § 703.2, which states, "No increase that will cause a substantial visible contrast to natural conditions."

DREDGING

18. Dredging Operations
a) A closed environmental bucket must be used for dredging.
b) Barges must be in good operating condition and be designed to contain sediments.
c) Scows must be of solid hull construction or be sealed.
d) Dredging equipment must be operated in a manner that minimizes re-suspension of sediments.
e) Bucket retrieval rates must be controlled to minimize turbidity.
f) Bucket decanting and loss of dredged material into the waterbody during dredging and scow/ barge loading must be controlled to minimize turbidity.
g) Sediment within the scows must be given adequate time to settle prior to the decanting of the scow.
h) Excessive loss of water/material from the bucket must be investigated and repaired.
i) The use of a dragline for dredging is prohibited.
j) All dredging must be conducted to leave a uniform bottom elevation free of mounds or holes.
k) All side slopes of the dredged area must have a maximum 1:3 slope.

19. Management of Dredge Materials Dredge materials shall be managed either through upland beneficial reuse or upland disposal at a NYSDEC-approved disposal facility, as described in the draft Dredge Management Plan submitted by Orsted on November 15, 2021. A final Dredge Management Plan shall be submitted to NYSDEC for review and approval at least 60 days prior to commencement of any Authorized Activities. The final Dredge Management Plan must describe dewatering operations and how dredge sediments will be transported from the marina to the upland beneficial reuse location or upland disposal facility.

20. Dredged Depth Survey Within 30 days of completion of the dredging operations, an as-dredged depth survey shall be submitted to NYSDEC.

21. Maintenance Dredging The Permittee shall submit a maintenance dredging plan at least 60 days prior to conducting any annual maintenance dredging. At a minimum, the plan must include the following information:

a) Drawing depicting the area and extent of dredging
b) Quantification of dredge material to be removed
c) Description of dredging equipment and methodology
d) Dewatering plan
e) Dredge materials management plan

No maintenance dredging shall occur until NYSDEC has reviewed and approved the plan.

WATER QUALITY CERTIFICATION SPECIFIC CONDITIONS

1. Water Quality Certification The authorized project, as conditioned pursuant to the Certificate, complies with Section 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act, as amended and as implemented by the limitations, standards, and criteria of state statutory and regulatory requirements set forth in 6 NYCRR Section 608.9(a). The authorized project, as conditioned, will also comply with applicable New York State water quality standards, including but not limited to effluent limitations, best usages and thermal discharge criteria, as applicable, as set forth in 6 NYCRR Parts 701, 702, 703, and 704.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. Facility Inspection by The Department The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. Relationship of this Permit to Other Department Orders and Determinations Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. Applications For Permit Renewals, Modifications or Transfers The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Deputy Chief Permit Administrator
NYSDEC Headquarters
625 Broadway
Albany, NY12233

4. Submission of Renewal Application The permittee must submit a renewal application at least 30 days before permit expiration for the following permit authorizations: Docks, Platforms & Moorings, Excavation & Fill in Navigable Waters, Tidal Wetlands, Water Quality Certification.

5. Permit Modifications, Suspensions and Revocations by the Department The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

a. materially false or inaccurate statements in the permit application or supporting papers;

b. failure by the permittee to comply with any terms or conditions of the permit;

c. exceeding the scope of the project as described in the permit application;

d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;

e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. Permit Transfer Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification
The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit
The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits
The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights
This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

NEW YORK STATE PUBLIC SERVICE COMMISSION
WATER QUALITY CERTIFICATION

Pursuant to: §401 of the Federal Water Pollution Control Act, 33 U.S.C. § 1341, and Article 10 of the New York Public Service Law

Certification Issued to: Deepwater Wind South Fork, LLC ("DWSF")

Location of Project

Deepwater Wind South Fork, LLC proposes the construction of a large-scale electric transmission project, located in the Town of East Hampton, Suffolk County.

Project Description

The South Fork Export Cable ("SFEC") is an alternating current ("AC") electric cable (138 kilovolt ("kV")) that will connect the South Fork Wind Farm ("SFWF"), located offshore in federal waters on the Outer Continental Shelf ("OCS"), to the existing mainland electric grid in the Town of East Hampton, Suffolk County, New York. The SFEC includes the submarine segment of the cable in New York State territorial waters ("SFEC-NYS"), the terrestrial underground segment of the cable ("SFEC-Onshore"), and a new interconnection facility ("SFEC-Interconnection Facility"). The SFEC-NYS, SFEC-Onshore, and SFEC-Interconnection Facility will hereafter be referred to collectively as "the Project."

The SFEC-NYS segment of the export cable will be buried beneath the seabed within State territorial waters from the boundary of New York State waters (three nautical miles ("nm") offshore) south of Wainscott Beach in East Hampton, New York. The SFEC-NYS transitions onshore under the beach located at a transition vault at the southern end of Beach Lane in the Town of East Hampton, New York. The SFEC-NYS is approximately 3.5 miles long from the boundary of New York State territorial waters to the sea-to-shore transition vault located on Beach Lane. The SFEC-Onshore is the terrestrial underground segment of the export cable from the sea-to-shore transition vault to the SFEC-Interconnection Facility where the SFEC will interconnect with the Long Island Power Authority ("LIPA") electric transmission and distribution system in the Town of East Hampton, New York. The SFEC-Onshore is approximately 4.1 miles long from the transition vault located on Beach Lane to the SFEC-Interconnection Facility, which is adjacent to the Long Island Power Authority's East Hampton Substation on Cove Hollow Road. The SFEC-Onshore will be located both in the public road rights-of-way ("ROW") (including Beach Lane, Wainscott Main Street, Sayre's Path, Wainscott Stone Road, and Wainscott Northwest Road) and in the Long Island Railroad ("LIRR") ROW. The SFEC-Interconnection Facility is a new onshore facility primarily located on the same parcel as the existing LIPA East Hampton Substation and consisting of a transformer and a 69 kV interconnection cable that will connect to the 69 kV bus in the existing LIPA East Hampton Substation in the Town of East Hampton, New York.

Certification

The New York State Public Service Commission hereby certifies pursuant to Section 401 of the Federal Water Pollution Control Act, 33 U.S.C. Section 1341(a)(1) and Article VII of the New York State Public Service Law that the Project, as conditioned herein, complies with applicable requirements of Sections 301, 302, 303, 306 and 307 of the Federal Water Pollution Control Act, as amended, and applicable New York State water quality standards, limitations, criteria and other requirements set forth in Parts 608.9(a), and 701 through 704 of Title 6 of New York Codes, Rules and Regulations ("NYCRR"), provided that all of the conditions listed herein are met. This Certification is issued in conjunction with the NYS Public Service Law Article VII Certificate of Environmental Compatibility and Public Need ("CECPN") sought by Deepwater Wind South Fork, LLC ("DWSF") in, and based on the record of, Case 18-T-0604.

Conditions

1. No in-water work shall commence until the necessary Conditions relating to such work contained in the CECPN and any Order in Case 18-T-0604 have been met to the satisfaction of the New York State Department of Public Service.

2. Construction, operation, maintenance, repair and decommissioning of the Project shall at all times be in conformance with (a) the Article VII Application in Case 18-T-0604 (as amended and supplemented), to the degree not superseded by the CECPN; (b) the approved Environmental Management and Construction Plan ("EM&CP"); (c) all conditions of approval of the CECPN and the EM&CP; (d) all conditions incorporated in any order approving any revisions to the EM&CP; (e) the Municipal Separate Storm Sewer System-approved Stormwater Water Pollution Prevention Plan; (f) all conditions of approval contained in this Certification, and (g) New York State Water Quality Standards necessary and appropriate for issuance of, and compliance with, this Certification.

3. DWSF shall provide a copy of this Certification to the U.S. Army Corps of Engineers and the NYSDEC, along with a copy of the Article VII Application, CECPN, and approved EM&CP, so that the U.S. Army Corps of Engineers and NYSDEC will have a complete record of the conditions that apply to this Project.

4. DWSF, LLC shall provide to all construction contractors performing work on the Project complete copies of this Certification, the CECPN, and the approved EM&CP.

5. No in-water seabed disturbing work, including jet trenching trials, shall occur between May 1 to June 30 and September 1 to November 15 in any year to avoid the risk for incidental take of Atlantic Sturgeon, except that DWSF may be permitted to perform some limited seabed disturbing work activities (i.e., diver clearance and maintenance of the horizontal directional drill ("HDD") exit pit, and backfill of the HDD exit pit) May 1 through May 15 and November 1 through November 15. If backfill of the HDD exit pit occurs May 1 through May 15 or November 1 through November 15, DWSF shall develop an Atlantic Sturgeon Monitoring and Impact Minimization Plan. Such Atlantic Sturgeon Monitoring and Impact Minimization Plan must meet the substantive requirements of 6 NYCRR Part 182, and shall be included as part of the EM&CP. DWSF shall provide the Atlantic Sturgeon Monitoring and Impact Minimization Plan to New York

State Department of Environmental Conservation ("NYSDEC") forty-five (45) days prior to filing of the EM&CP for NYSDEC's review and comment.

6. All water quality laboratory analyses required in this WQC must be conducted by a laboratory certified by the New York State Department of Health ("NYSDOH") Environmental Laboratory Approval Program ("ELAP"). DWSF shall use commercially reasonable efforts to request the most expedited turnaround time available for laboratory samples for locations along the SFEC-NYS. Analytical results for Total Suspended Solids and turbidity must be sent to the New York State Department of Public Service Staff ("DPS Staff") and NYSDEC as soon as received from the laboratory but no longer than within forty eight (48) hours of receipt. Exceedances of the TSS standard must be identified.

7. All drilling fluid additives must be water-based unless otherwise approved by DPS Staff in consultation with the NYSDEC. If a polymer-based additive is proposed, it must be indicated in the EM&CP with the corresponding materials safety data sheet containing eco-toxicity information and an approved NYSDEC Water Treatment Chemical Form. Petroleum-based additives are strictly prohibited.

8. Water quality standards set forth in 6 NYCRR Parts 701, 702, 703 and 704, and sections 301, 302, 303, 306, and 307 of the federal Clean Water Act (see 33 USC §§ 1311, 1312, 1313, 1313a, and 1317) shall not be contravened.

9. Exclusive of the portion of the cable installed via HDD, DWSF shall install the SFEC-NYS a minimum burial depth ("Burial Depth") of six (6) feet (measured from top of cable) below the existing seabed. Should the Burial Depth not be achieved during the initial pass of the cable installation tool that is best suited to achieve Burial Depth, DWSF shall perform up to two (2) additional passes with the installation tool, or other burial tool that complies with the requirements of the Certificate, unless (a) additional passes risk causing damage to the SFEC-NYS or the installation tool; or (b) due to geologic obstructions, additional passes would not increase the burial depth or risk causing cable exposure. DWSF shall use best efforts to micro-route the cable within the cable corridor to achieve Burial Depth during installation. If boulders are not identified during pre-construction surveys, and therefore micro-routing the cable is impracticable, DWSF shall, if required to increase the likelihood of achieving Burial Depth, relocate any encountered boulders within sixty-five feet (65) feet of the planned centerline of the cable. Where DWSF has relocated a boulder one (1) meter or more in diameter a distance of two meters or more from the location where it was initially encountered, DWSF shall provide notice to mariners, recreational fishermen, and NYSDEC-Licensed Fishermen in accordance with the requirements of the of the CECPN.

10. DWSF shall install the SFEC-NYS, exclusive of the HDD, using either simultaneous lay and burial or pre-lay and post-burial processes.

    a. The following processes may be used, individually or in combination, to install the SFEC-NYS, exclusive of the HDD: mechanical cutter, mechanical plow (which may include a jetting system), jet sled, jet trencher and/or controlled flow excavator.

11. DWSF may use a temporary cofferdam, gravity cell, or similarly-Commission-approved structure (collectively referred to as "Temporary Cofferdam"), or no structure around the HDD exit pit during

construction. Final details regarding whether a Temporary Cofferdam will be used, and, if so, the type, design, and installation method shall be included in the EM&CP. Any Temporary Cofferdam shall be fully removed and prior to the Project achieving commercial operation, but no later than thirty (30) days after the installation of the cable in NYS waters. If Temporary Cofferdam is used, DWSF shall provide notice of its location to mariners and recreational and NYSDEC-Licensed Fishermen in accordance with the CECPN, and any Temporary Cofferdam will be marked in accordance with applicable United States Coast Guard ("USG") requirements.

12. DWSF will use best efforts to avoid the use of cable protection if the actual burial depth achieved provides adequate protection. In areas where seabed conditions or geologic or topographic features, or utility crossings do not allow DWSF to achieve Burial Depth, DWSF is authorized, but not required, to use cable protection methods. Cable protection may include tapered engineered concrete mattresses, rock bags, crushed rock, or other appropriate protection method(s). DWSF shall install and maintain any necessary cable protection measures in a manner that provides the ability to maintain overtrawlability, to minimize shifting over time, and to avoid creating a discernable berm. DWSF shall not leave any portions of the cable exposed on the seabed without cable protection measures. As part of decommissioning, DWSF shall perform surveys of the cable protection measures and use best efforts to remove installed cable protection measures that are within two (2) feet of the seabed surface.

13. The following limits must be achieved for Total Suspended Solids ("TSS") one thousand five hundred (1,500) feet down current (based on tide direction) of sediment disturbing activities:

    a. Water Quality Standard: None from sewage, industrial waste or other wastes that will cause deposition or impair the waters for their best usages; and

    b. Guidance Value: 100 mg/L above ambient.

    Water quality monitoring shall be conducted during jet trench trials, jet trenching activities, cable installation, excavation of the HDD exit pit, pre-lay grapnel run and backfill of the HDD exit pit, and maintenance and decommissioning activities that involve disturbance of sediments. Maintenance and decommissioning activities that result in only minor disturbance of sediments, including: (i) anchor sweep; (ii) anchoring; (iii) placement of jack-up barge; (iv) hand jetting; or (v) other activities as determined by DPS Staff, in consultation with NYSDEC, shall not require water quality monitoring.

14. Visual observations of turbidity caused by underwater cable and HDD exit pit installation/backfill activities, pre-lay grapnel run operations, maintenance, and decommissioning activities must be conducted to ensure compliance with the narrative water quality standard in 6 NYCRR § 703.2, which states "No increase that will cause a substantial visible contrast to natural conditions."

15. DWSF shall implement, the Suspended Sediment and Water Quality Monitoring Plan ("SSWQP") as required in the CECPN. Suspended sediment plume monitoring and water quality monitoring shall be conducted at the locations and frequency set forth in SSWQP.

16. If any jet trenching technology is used to lay the cable, trials must be conducted within representative

sections or areas proximate to the proposed underwater cable route in NYS waters prior to cable installation to ensure compliance with the TSS threshold limits as defined above. The trial will include approximately one thousand (1,000) feet of jet trenching operations within an area to be specified in the Jet Trencher Trial Plan in the EM&CP. The following conditions apply to jet trencher trials:

a. A combination of calibrated acoustic ("ADCP") and optical backscatter ("OBS") instruments will be used to measure water column TSS and turbidity on selected transects. Companion water samples will be collected and analyzed by a NYSDOH ELAP certified laboratory for TSS and turbidity during jet trencher trials;

b. DWSF must work cooperatively with DPS Staff and NYSDEC to immediately review the results of the real-time data measurements during the jet trencher installation trials to evaluate whether the operating conditions result in TSS concentrations that exceed the TSS threshold limit;

c. If the jet trencher trials demonstrate that the operating conditions result in TSS concentrations that exceed the TSS threshold limit established herein, DWSF must work with DPS Staff and NYSDEC to evaluate and implement feasible modifications to the jet trencher operating conditions to further reduce in-situ sediment re-suspension associated with the jet trencher installation procedure; and

d. Jet trencher operations must not proceed until the results of the Jet Trencher Trial Plan is reviewed and accepted by DPS Staff and NYSDEC. Review of this information by DPS and NYSDEC staffs shall not unreasonably delay the commencement of installation of the underwater cable system.

17. The following conditions apply if jet trenching technology is used to install the cable:

a. DWSF must operate the jet trencher in accordance with the operating conditions determined through jet trencher trials to maintain the suspension of in-situ sediments within the TSS limits;

b. Midline buoys or alternative measures shall be employed to minimize sediment disturbance caused by cable sweep;

c. If, during jet trencher installation of the cable, TSS concentrations exceed the established TSS limits, DPS Staff, NYSDEC Staff, and the Aquatic Environmental Monitor (described in the conditions to the CECPN) shall be immediately notified and work shall cease. DWSF shall immediately implement one or more of the following measures after consultation with DPS Staff, NYSDEC Staff, and the Aquatic Environmental Monitor: changing the rate of advancement of the jet trencher; modifying or varying hydraulic jetting pressures; or implementing other reasonable operational controls that may reduce suspension of in-situ sediments, but not in a manner that would materially delay the progress of work to complete the jet trencher installation procedure. Prior to re-commencement of work, DPS Staff, in consultation with NYSDEC, must authorize the jet-trencher operation mitigation measures; and

d. During implementation of corrective actions, DPS Staff, in consultation with NYSDEC, may specify additional monitoring until compliance with Water Quality Standards is demonstrated. DWSF shall adhere to the additional monitoring requirements until resumption of routine monitoring is authorized by DPS Staff in consultation with NYSDEC.

18. The following conditions shall be applied to minimize sediment released into the water column during excavation and backfilling of the HDD exit pit:

    a. The environmental monitor shall inspect all excavating and backfilling equipment prior to use and shall perform periodic inspections of all such equipment no less than once per week when in use. The DWSF shall demonstrate to the environmental monitor that the equipment operator has sufficient control over the bucket operation so that the sediment re-suspension from bucket contact with the bottom and bucket over-filling is minimized.

    b. Excavated material is to be recovered to a barge and shall not be sidecasted. DWSF shall:

        i. only use barges in good operating condition;
        ii. not use deck barges, unless modified to allow no barge overflow and as approved by the Environmental Monitor and DPS Staff in consultation with NYSDEC;
        iii. use barges or scows of solid hull construction or which are sealed;
        iv. use a closed (i.e., sealed) environmental (e.g., clamshell) bucket with sealing gaskets or an overlapping sealed design at the jaws and seals or flaps positioned at locations of vent openings to minimize sediment suspension;
        v. ensure that seals or flaps designed or installed at the jaws and locations of vent openings tightly cover these openings while the bucket is lifted through the water column and into the barge;
        vi. equip the closed environmental (e.g., clamshell) bucket with sensors to ensure complete closure of the bucket before lifting through the water;
        vii. operate the bucket so as to control the rate of the descent and to maximize the depth of penetration without overfilling the bucket;
        viii. control bucket retrieval rates to minimize turbidity;
        ix. lower the bucket to the level of the barge gunwales prior to release of the load and place the excavated material deliberately and in a controlled manner;
        x. suspend operations until any necessary repairs or replacements are made when a significant loss of water and visible sediments from the bucket is observed;
        xi. avoid washing the gunwales of the scow except to the extent necessary to ensure the safety of workers;
        xii. not overflow the barge; and
        xiii. DWSF shall allow a minimum twenty-four (24) hours of settlement prior to decanting barges. Decanting of barges may not commence until approved by DPS Staff, in consultation with NYSDEC.

    c. DWSF shall not use a dragline for excavation.

d. DWSF shall not use airlift, controlled flow excavation, and/or suction dredging except in instances where bucket excavation would endanger the HDD borehole, the HDD conduit, the SFEC-NYS cable or installation equipment.

e. DWSF may install permanent concrete mattresses, rock bags, or other alternative means of protection of the conduit and/or cable within the HDD exit pit, provided that DWSF shall cover such protection measures with three (3) feet of material excavated from the HDD exit pit or similar material from upland sources. Additional details regarding such cable protection measures shall be provided in the EM&CP. Prior to filing the EM&CP, DWSF shall consult with DPS, NYSDEC, and New York State Department of State ("NYSDOS") regarding cable protection measures.

f. No later than three (3) months following the Commercial Operation Date, exclusive of the construction windows described herein, DWSF shall backfill the HDD exit pit to ensure that there is no discernible trough.

g. During excavation and backfill of the HDD exit pit, DWSF shall provide to DPS Staff, NYSDEC, NYSDOS, the Town of East Hampton ("Town'), and the Trustees of the Freeholders and Commonalty of the Town of East Hampton ("Trustees"), weekly progress reports that demonstrate compliance with CECPN requirements and such other information as determined necessary based on consultation with DPS Staff, NYSDEC, and NYSDOS.

19. Following excavation of the SFEC-NYS HDD exit pit, DWSF shall displace the dredged material to a barge. If the material is not contaminated, and if the backfill of the HDD exit pit occurs prior to May 15th of the first year of construction that HDD work is commenced, the dredged material must be used as the top three feet of backfill for the HDD exit pit. If DWSF cannot backfill the HDD exit pit by such date, or if dredged material is contaminated, DWSF may use clean material of similar grain size to the dredged material, and shall consult with NYSDEC, NYSDOS, and DPS Staff on the source of such fill prior to use. If material to be dredged is contaminated, prior to dredging, DWSF shall identify the final dredged material disposal location, including a letter from the permitted disposal facility verifying that they will accept the material. All contaminated material shall be handled in accordance with the Final Hazardous Waste and Petroleum Work Plan and Materials Management Plan submitted as part of the EM&CP. For any excavated material not used as backfill, the final material disposal location must be submitted to DPS Staff, the Town, Trustees, and NYSDEC at least thirty (30) days prior to disposal. Disposal of all material must comply with 6 NYCRR Part 360 et seq.

20. During pre-lay grapnel run operations, cable installation, excavation of the HDD exit pit, and backfill of the HDD exit pit, if any TSS standards concentrations are exceeded at the edge of the 1,500-foot mixing zone, work must immediately cease until corrective action is implemented. If corrective action does not restore compliance, that action shall cease until a solution acceptable to DPS Staff and NYSDEC is developed.

21. The environmental monitor(s) shall have stop work authority over aspects of the Project that could violate the terms of the WQC, CECPN, or the EM&CP.

22. Within four (4) months of completion of the excavation of the HDD exit pit, DWSF must submit a report summarizing the results of the excavation of the HDD exit pit, water quality monitoring, and excavated material management operations. The report shall include:

    a. Location and extent of excavation;

    b. Total amount of material excavated;

    c. Ultimate placement location of excavated material;

    d. Water quality monitoring results and corrective actions (as-needed) taken; and

    e. Documentation of follow-up testing/observations.

23. Within four (4) months of the completion of SFEC-NYS cable installation, DWSF must file with the Secretary of the Public Service Commission an analysis comparing the actual water quality monitoring results obtained during installation with any model predictions previously provided in support of the Project.

Certified by:

11.22.21
Date

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