ANNOUNCEMENT OF PUBLIC MEETINGS AND REQUEST FOR PUBLIC COMMENT

The District Engineer has received a permit application to conduct work in waters of the United States, navigable waters, and the Outer Continental Shelf from Park City Wind LLC at 125 High Street, 6th Floor, Boston, Massachusetts 02110. The majority of the proposed work would be located in the Atlantic Ocean in the Bureau of Ocean Energy Management’s (BOEM) Renewable Energy Lease Area OCS-A 0534, which is approximately 20 miles from the southwest corner of Martha’s Vineyard and 24 miles from Nantucket. Work would also occur within Nantucket Sound, with proposed landfall for the offshore export cables at Craigville Public Beach in the Town of Barnstable, Massachusetts.

The overall proposal involves the construction, maintenance, and eventual decommissioning of Phase 1 of the overall New England Wind project and associated Phase 1 Export Cable. Phase 1 would include the installation of up to sixty-two (62) wind turbine generators (WTGs or turbines) connected by a network of inter-array cables (IACs), up to two electrical service platforms (ESPs) connected by two high voltage alternating current offshore export cables up to fifty-four (54) nautical miles in length each within a single offshore export cable corridor, and one onshore substation. The onshore export cables are proposed to cross under the Centerville River at the bridge conveying Craigville Beach Road over the river as part of the route between the cable landfall at Craigville Beach and the onshore substation. The offshore export cables will make landfall via horizontal directional drilling (HDD).

Phase 1 export cables would extend approximately 54 miles from the shoreline to the lease area. The cables are approximately 12 inches in diameter and would primarily be laid using industry standard subsea cable installation and burial methods to a target depth of 5 to 8 feet below the substrate. The temporary disturbance area associated with cable installation would occur in the same corridor that contains the Vineyard Wind 1 export cables. The width of the existing corridor has been expanded by 984 feet along the entire western side and by 984 feet along the part of the eastern side within Muskeget Channel- for a total width of 3,100 to 5,500 feet- to accommodate additional cables. The area of impact associated with export cable installation is anticipated to be 13 feet in width. In areas where burial could not occur, where sufficient burial depth could not be achieved due to seabed conditions, or where protection would be needed due to the cables crossing other cables or pipelines, cable protection in the form of hard armoring would be installed. This armoring would consist of rock berms, concrete mattresses, fronded mattresses, or rock bags. Hard armoring would be up to 30 feet wide. Areas within the cable route may require the displacement of sand waves. Excavation of substrate...
would also occur as part of cable landfall and HDD work. The total area of dredging for the sand waves and HDD work would total approximately 26 acres.

The work to be reviewed by the Corps under Section 404 of the Clean Water Act includes all activities that constitute the discharge of fill material within waters of the United States. As there are no non-tidal waters or wetlands to be impacted by the proposed work, the shoreward limit of waters of the United States in relation to this project is the high tide line of the Atlantic Ocean in the vicinity of Barnstable, Massachusetts. The seaward limit of Corps Section 404 jurisdiction is the limit of the territorial seas, which extends three nautical miles from the mean low water mark of the shoreline or any other further out base line permitted by law.

The proposed work within the limits of Section 404 jurisdiction is associated with Phase 1 installation and includes backfilling of the trench during cable laying, the relocation of sand waves during cable laying, backfilling of excavation pits associated with HDD work, and placing hard armor as needed for cable protection.

The work to be reviewed under Section 10 of the Rivers and Harbors Act includes all proposed structures, dredging, and work in navigable waters from the mean high water mark of the Atlantic Ocean out three nautical miles from the mean low water mark of the shoreline or any further out base line permitted by law. This would include the offshore export cables as well as the work associated with their installation, including the cable laying, the placement of hard armoring where needed, the relocation of sand waves, and the HDD work in the nearshore area. It would also include the microtunneling of transmission cables under the Centerville River. This would include all of the proposed structures and cables within the part of BOEM Lease Area OCS-A 0534 associated with Phase 1 as well as the offshore export cables beyond the three nautical mile navigable waters limit.

The three nautical mile limit that defines the extent of Section 404 and Section 10 jurisdiction is identified on the attached map entitled “Figure 2.3-1 New England Wind Offshore Export Cable Corridor (Phases 1 and 2).”

The jurisdictional impacts from the proposed project include the following:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Temporary/Installation</th>
<th>During Operations</th>
<th>Authority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations (WTGs and ESPs)</td>
<td>57,081 acres (ac) subtidal</td>
<td>74 ac subtidal</td>
<td>Sec 10</td>
</tr>
<tr>
<td>Inter-array cable</td>
<td>242 ac subtidal</td>
<td>11 ac subtidal (armor)</td>
<td>Sec 10</td>
</tr>
<tr>
<td>Export Cables (beyond 3-mile limit)</td>
<td>125 ac subtidal</td>
<td>2.5 ac subtidal (armor)</td>
<td>Sec 10</td>
</tr>
<tr>
<td>Export Cables (within 3-mile limit)</td>
<td>75 ac subtidal</td>
<td>21.5 ac subtidal (armor)</td>
<td>Sec 10/404</td>
</tr>
<tr>
<td>Dredging – sand waves &amp; HDD pit</td>
<td>26 ac subtidal</td>
<td>0 ac</td>
<td>Sec 10/404</td>
</tr>
</tbody>
</table>

The proposed work is shown on the plans entitled “PHASE 1 OF NEW ENGLAND WIND,” on twenty-four (24) sheets, with sheet 1-4, 6, and 21 dated “JULY 21, 2022”, sheets 5, and 7-10 dated “JULY 28, 2022”, sheets 11-18 undated, and sheets 19, 20, and 22-24 dated “JULY 20, 2022.” These plans can be accessed on our website by following this link: [https://www.nae.usace.army.mil/Missions/PublicNotices/](https://www.nae.usace.army.mil/Missions/PublicNotices/) and looking under “Regulatory/Permitting Public Notices”.

**Project Purpose:** The applicant’s stated purpose and need for the Project is to provide a commercially viable offshore wind energy project within Lease OCS-A 0534 to meet New England’s need for clean energy.
The basic project purpose, as determined by the USACE for the Section 404(b)(1) guidelines evaluation, is offshore wind energy generation.

The overall Project purpose for the Section 404(b)(1) guidelines evaluation, as determined by the USACE, is the construction of a commercial-scale offshore wind energy project, including associated transmission lines, for renewable energy generation and distribution to the Connecticut Energy Grid.

**Avoidance, Minimization and Compensatory Mitigation:** The applicant has designed Phase 1 to avoid and minimize impacts to Waters of the United States. No impacts to onshore wetlands are proposed as part of Phase 1. In offshore areas where impacts to marine resources are unavoidable, the applicant has avoided all USACE defined special aquatic sites (SAS) including eelgrass beds, intertidal mud flats, coral reef complexes, etc. Impacts are anticipated to consist of structures, fills, and temporary construction impacts with no permanent losses of Waters of the United States. Compensatory mitigation requirements are under consideration.

The United States Army Corps of Engineers neither favors nor opposes the proposed construction work.

BOEM is the lead federal agency for federal review of this project in relation to the National Environmental Policy Act (NEPA), Section 7 of the Endangered Species Act (16 U.S.C. 1531), the Magnuson-Stevens Fishery Conservation and Management Act (16 U.S.C. 1851) and Section 106 of the National Historical Preservation Act (NHPA). The project is identified as Docket No. BOEM-2022-0070. As the lead federal agency, BOEM has prepared a Draft Environmental Impact Assessment (DEIS) in accordance with NEPA. The DEIS includes an initial review of the project in relation to Section 7 of the Endangered Species Act and Section 106 of the NHPA, as well as other applicable Federal regulations. The DEIS will be issued and published in the federal register on December 23, 2022 and is available for review at [https://www.boem.gov/renewable-energy/state-activities/new-england-wind-formerly-vineyard-wind-south](https://www.boem.gov/renewable-energy/state-activities/new-england-wind-formerly-vineyard-wind-south).

Comments may be submitted directly to BOEM, as the lead federal agency, in one of three ways: 1) Orally or in written form at one of the public meetings referenced below. 2) In written form by mail or other delivery service, enclosed in an envelope labeled “New England Wind COP DEIS” and addressed to Program Manager, Office of Renewable Energy Programs, Bureau of Ocean Energy Management, 45600 Woodland Road, Sterling, VA 20166. 3) Through the regulations.gov web portal: Navigate to [http://www.regulations.gov](http://www.regulations.gov) and search for Docket No. BOEM-2022-0070. Click on the “Comment” button below the document link. Enter your information and comment, then click “Submit Comment”.

As the lead federal agency, BOEM will hold public comment meetings on the DEIS for the proposed New England Wind Project and USACE will participate in the meetings.

The dates and locations of the meetings are as follows:
AUTHORITY

Permits are required pursuant to:

- X Section 10 of the Rivers and Harbors Act of 1899
- X Section 404 of the Clean Water Act
- ___ Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties/cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production, mineral needs, consideration of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers, New England District (USACE), is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. The USACE will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments will be used in the USACE’s reviews of the project, including the USACE-specific assessment of impacts to conservation, economics, aesthetics, general environmental concerns, water quality, and the other public interest factors listed above. Comments will also be used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.
As the activity involves the discharge of dredged or fill material into waters of the United States, the evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act. Comments received in response to the public notice will also be used in determining compliance with these guidelines.

ESSENTIAL FISH HABITAT

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). Essential Fish Habitat describes waters and substrate necessary for fish for spawning, breeding, feeding or growth to maturity. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted by BOEM as the lead federal agency and will be concluded prior to the final decision.

NATIONAL HISTORIC PRESERVATION ACT

Based on their initial review as the lead federal agency, BOEM has determined that the proposed work may impact properties listed in, or eligible for listing in, the National Register of Historic Places. Additional review and consultation to fulfil requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

ENDANGERED SPECIES CONSULTATION

As the lead federal agency, BOEM is reviewing the project for potential impacts on Federally-listed threatened or endangered species and their designated critical habitat pursuant to Section 7 of the Endangered Species Act as amended. BOEM is coordinating with the NMFS and/or U.S. Fish and Wildlife Service on listed species and the ESA consultation will be concluded prior to the final decision.

OTHER GOVERNMENT AUTHORIZATIONS

The applicant has stated that the proposed work will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management programs of Rhode Island and Massachusetts.

The following authorizations have been applied for, or have been, or will be obtained:

(X) Permit, license or assent from State.
(X) Permit from local wetland agency or conservation commission.
(X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

COMMENTS

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions,
please contact Christine Jacek at (978) 318-8026 or (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The USACE holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

Ruthann Brien
for
Paul Maniccia
Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil.
Note:
- Soundings for NOAA Nautical Chart 13237 (top) are in feet.
- Soundings for NOAA Nautical Chart 13200 (bottom) are in fathoms.

LEGEND
- New England Wind Offshore Export Cable Corridor (OECC)
- Maximum Size of Southern Wind Development Area (SWDA)
- Vineyard Wind 1 OECC
- Lease Area Boundary
- State/Federal Boundary

Map Coordinate System: NAD 1983 UTM Zone 19N
Basemap: Nautical Chart 13200/13237, NOAA

Figure 2.3-1
New England Wind Offshore Export Cable Corridor (Phases 1 and 2)
PHASE I OF NEW ENGLAND WIND

PHASE 1 OFFSHORE LOCATION PLAT

USACE PERMIT APPLICATION SHEET 1

IN: ATLANTIC OCEAN AND NANTUCKET SOUND
AT: SOUTHEAST MASSACHUSETTS
JULY 21, 2022
LEGEND

- Phase 1 Onshore Export Cable and Grid Interconnection Routes
- Phase 1 Onshore Substation Site
- Utility ROW (approximate)
- Existing West Barnstable Substation

Map Coordinate System: NAD 1983 UTM Zone 19N
Baseline: 2016 Orthophotography, Bing

Scale 1:21,000
1 inch = 1,750 feet

PHASE I OF NEW ENGLAND WIND
PHASE 1 ONSHORE LOCATION PLAT
USACE PERMIT APPLICATION SHEET 2

IN: BARNSTABLE
AT: SOUTHEAST MASSACHUSETTS
JULY 21, 2022
Note: Conceptual drawing provided for Phase 1 monopile foundations only; scour protection dimensions for jacket foundations are provided in Tables 3.2-5 and 3.2-6 and may not be circular.
PHASE I OF NEW ENGLAND WIND

PHASE 1 WTG FOUNDATION - PILED JACKET

USACE PERMIT APPLICATION SHEET 5

IN: ATLANTIC OCEAN AND NANTUCKET SOUND
AT: SOUTHEAST MASSACHUSETTS
JULY 28, 2022
PHASE 1 OF NEW ENGLAND WIND

OECC OVERVIEW PLAN

USACE PERMIT APPLICATION SHEET 7

IN: ATLANTIC OCEAN AND NANTUCKET SOUND
AT: SOUTHEAST MASSACHUSETTS
JULY 28, 2022

Map Coordinate System: NAD 1983 UTM Zone 19N
Basemap: World Ocean Base, ESRI

0 2 4 6
km
1:250,000
0 2 1
Nautical Miles
1 in = 6 kilometers
Above vertical information are averages along the entire OECC path & were calculated using NOAA's Vertical Datum Transformer. HTL as per NOAA station: Hyannisport.

PHASE 1 OF NEW ENGLAND WIND
IN: ATLANTIC OCEAN AND NANTUCKET SOUND
AT: SOUTHEAST MASSACHUSETTS
JULY 28, 2022
Above vertical information are averages along the entire OECC path &
were calculated using NOAA's Vertical Datum Transformer.
HTL as per NOAA station: Hyannisport
Datum: Mean Lower Low Water (MLLW)
Bathymetry Source: NEWIND_BATHY_UNIFIED_2020
(MBES data collected between 2018 and 2020 in the OECC)
Profiles: Not To Scale
Sheet: 1 of 3

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PHASE 1 OF NEW ENGLAND WIND

OECC PROFILES

USACE PERMIT APPLICATION SHEET 8-2

IN: ATLANTIC OCEAN AND NANTUCKET SOUND
AT: SOUTHEAST MASSACHUSETTS
JULY 28, 2022
Above vertical information are averages along the entire OECC path & were calculated using NOAA's Vertical Datum Transformer.

HTL as per NOAA station: Hyannisport

IN: ATLANTIC OCEAN AND NANTUCKET SOUND
AT: SOUTHEAST MASSACHUSETTS
JULY 28, 2022

PHASE 1 OF NEW ENGLAND WIND

OECC PROFILES
USACE PERMIT APPLICATION SHEET 8-3

IN: ATLANTIC OCEAN AND NANTUCKET SOUND
AT: SOUTHEAST MASSACHUSETTS
JULY 28, 2022
HDD LANDFALL DRILLPATHS

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<td>HDD OVERALL PLAN AND CASING SECTION</td>
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<tr>
<td>6</td>
<td>STAGING AREA AT HDD ENTRY</td>
</tr>
</tbody>
</table>

ALL UNITS SHOWN ARE "ENGLISH UNITS" (FEET AND INCHES).

THIS PLAN SET IS CONCEPTUAL AND HAS BEEN ISSUED FOR PERMITTING PURPOSES ONLY; AND, IS NOT INTENDED FOR CONSTRUCTION PURPOSES.
GENERAL NOTES

1. UNLESS OTHERWISE NOTED:
   1.1. DIMENSIONS ARE IN FEET.
   1.2. ANGLES ARE MEASURED ALONG A LEVEL PATH OF SMALL PATH.
   1.3. ELEVATIONS OVER WATER ARE BASED ON HIGH WATER LOW WATR (HIGH WATER FOR COELES EACH 20007.1V - 203.832, HIGH 14.93317).
   1.4. DRAWN FOR ALL LAND ELEVATIONS IS NORTH AMERICAN D100 STANDARD LARGE SCALE PLOTTER CNV R008902701.001.PD, F00018.D2 23.18 FEET AT "COELES" BEACH.
   1.5. INTERIOR SURFACE BETWEEN LAND SURFACE AND WETLAND SURFACE AS SHOWN ON PLANS IS BASED ON HIGH WATER.
   1.6. ELEVATIONS ARE TO THE D BEACH CENTERLINE.
   1.7. ANGLES ARE REFERRED TO THE NORTH SERIES.

2. THE HOURLY REFERECE GRID IS NORTH AMERICAN D100 STANDARD LARGE SCALE PLOTTER CNV R008902701.001.PD.

3. TEARING OPTIONS SHOWN WERE PROVIDED BY SCHOOL AND ARE REFERRED TO OTHERS.

4. UNLESS OTHERWISE NOTED, THE DESIGN CONFORMS TO THE LATEST VERSION OF REFERENCED CODES AND STANDARDS IN EFFECT AT THE TIME OF DESIGN (MARCH 1, 2023).

5. PRIOR TO CONSTRUCTION, CONSULT WITH THE PROJECT CPR AND SPECIFICATIONS TO DETERMINE THE PROJECT CONSTRUCTION SPECIFICATIONS AND CHECK LIST AND REVIEW THE PROJECT SPECIFICATIONS TO DETERMINE THAT THE CONTRACTOR DESIGNED TO BE COMPLETED SHALL BE REVIEWED BY THE PROJECTS COMPLETE PERIODICALLY. THIS SERIES OF INSPECTION AGREEMENT AND CONTRACT DOCUMENTS SHALL BE ON THE DURING CONSTRUCTION.

6. BEFORE BEGINNING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL FOLLOW THE RULES AND POLICIES OF THE FIELD STAFF FOR PROJECT IDENTIFICATION AND LOCATION OF ALL EXISTING STRUCTURES.

7. CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH PERMIT DOCUMENT AND FIELD SUPERVISION PLAN.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND PROVIDING PLANS FOR ALLOCATING THE PROJECTS AND DETERMINING THE ORDER OF CHARGE.

9. 1. THE INITIAL INSTALLATION SHALL BE ENTIRELY WITHIN THE APPRAISED HOURS OF WORK.

9.2. UNLESS OTHERWISE NOTED, THE DESIGN CONFORMS TO THE LATEST VERSION OF REFERENCED CODES AND STANDARDS IN EFFECT AT THE TIME OF DESIGN (MARCH 1, 2023).

9.3. ENTRY, EXIT, DEPTH, AND ALIGNMENT REQUIREMENTS ARE SHOWN.

9.3.1. ENTRY POINT UP TO 5.0 FEET AWAY OR LESS FROM THE DESIGN ENTRY POINT 5.0 FEET TO THE EXIT ALIGNMENT.

9.3.2. EXIT POINT UP TO 10.0 FEET AWAY OR LESS FROM THE DESIGN EXIT POINT.

9.3.3. ALIGNMENT UP TO 5.0 FEET AWAY OR LESS FROM THE DESIGN ALIGNMENT.

10. FOR PRELIMINARY ESTIMATING PURPOSES, THE PLAN SHEET SHALL BE SHOWN AND USED AT A MINIMUM PLOT SIZE OF 500.000 SQUARE FEET.

11. EQUIPMENT NOT SPECIFIED OTHER THAN SHOWN IN THE PLOT SHEET WITHIN THE COST CENTER AND MANUFACTURER MAY INCLUDE ITEMS DESCRIBED IN THIS SHEET.

12. SURFACE ROUGHNESS SHOWN SHALL BE USED FOR THE FINAL PLOT SHEET.

13. EMERGENCY RESPONSE PLAN AS IT PERTAINS TO THE PLOT SHEET SHALL BE REVIEWED AND APPROVED BY THE CORRESPONDING OFFICER AND ALL RELATED RESPONSE EQUIPMENT SHALL BE ON SITE PRIOR TO ACTIVITY.


15. PLOT SHEET MEASUREMENTS AND ACTIVITIES IDENTIFIED ARE THE ONLY SHEET SHEET AND DEADLINE REGISTRATION REGISTRATION.

16. GENERAL METHODS AND PROCEDURE FOR PLOT SHEET ARE TO BE ADHERED TO THE INTERNAL AND EXTERNAL REGULATIONS.

17. ENGINEERED SHARPING MATERIALS SHALL BE USED TO THE PLOT SHEET AND ANY UNSHARPING MATERIALS SHALL MEET THE CANCELLED STATE AND LOCAL REGULATIONS.

18. ENGINEERED SHARPING MATERIALS SHALL BE USED TO THE PLOT SHEET AND ANY UNSHARPING MATERIALS SHALL MEET THE CANCELLED STATE AND LOCAL REGULATIONS.

19. SHARPING MATERIALS USED TO CREATE BORE AND TOPPLICATE ARE SUBJECT TO THE INTERNAL AND EXTERNAL REGULATIONS.

20. CONTRACTUAL REQUIREMENTS RELATED TO PLOT SHEET AND ANY UNSHARPING MATERIALS SHALL MEET THE CANCELLED STATE AND LOCAL REGULATIONS.

21. CONTRACTUAL REQUIREMENTS RELATED TO PLOT SHEET AND ANY UNSHARPING MATERIALS SHALL MEET THE CANCELLED STATE AND LOCAL REGULATIONS.

ALL UNITS SHOWN ARE "ENGLISH UNITS" (FEET AND INCHES).

THIS PLAN SET IS CONCEPTUAL AND HAS BEEN ISSUED FOR PERMITTING PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.
1. REFER TO GENERAL NOTES ON SHEET 2.
2. THESE SKETCHES ARE CONCEPTUAL IN NATURE AND ARE NOT FOR CONSTRUCTION. ONLY MAJOR PIECES OF EQUIPMENT ARE SHOWN AND ALL FEATURES SHOWN ARE APPROXIMATE. THE ACTUAL SITE ARRANGEMENT WILL BE DETERMINED BY THE HDD CONTRACTOR.
3. UTILITIES LOCATIONS ARE UNKNOWN. ANY EXISTING UTILITIES MUST BE LOCATED PRIOR TO CONSTRUCTION BY CALLING DIG SAFE PRIOR TO EXCAVATION AND EXPOSING ANY EXISTING UTILITIES AS NEEDED. REQUIRED CLEARANCES SHALL BE PROVIDED FOR ANY EXISTING OVERHEAD UTILITIES.
4. THIS LAYOUT HAS BEEN BASED ON ANTICIPATED MINIMUM SEPARATION DISTANCES OF ADJACENT HDD BORES AT THE ENTRY PITS AND AT THE MHW MARK. INTENDED MINIMUM SEPARATION AT THE EXIT POINT IS 328 FEET. FINAL DESIGN OF ALL HDD DRILLPATHS WILL BE COMPLETED BY THE HDD CONTRACTOR FOR REVIEW BY VINEYARD WIND.
5. BORING LOCATIONS SHOWN WERE PROVIDED BY VINEYARD WIND / AVANGRID, BORINGS WERE PERFORMED BY OTHERS.

ALL UNITS SHOWN ARE "ENGLISH UNITS" (FEET AND INCHES)

THIS PLAN SET IS CONCEPTUAL AND HAS BEEN ISSUED FOR PERMITTING PURPOSES ONLY; AND, IS NOT INTENDED FOR CONSTRUCTION PURPOSES.
1. REFER TO GENERAL NOTES ON SHEET 2.
2. GEO SUBSEA SURFACE PROVIDED IN NOAA MLLW.
3. CONTRACTOR TO CONSTRUCT APPROPRIATE CONTAINMENT FOR DRILLING MUD.
4. THIS LAYOUT HAS BEEN BASED ON ANTICIPATED MINIMUM SEPARATION DISTANCES OF ADJACENT HDD BORES AT THE ENTRY PITS AND AT THE MWD EXIT LOCATION. MINIMUM SEPARATION DISTANCES MUST BE IN ACCORDANCE WITH THE USACE PERMIT APPLICATION SHEET 9-4.
5. BORING LOCATIONS SHOWN WERE PROVIDED BY VINEYARD WIND. BORINGS WERE PERFORMED BY OTHERS.

NOTES:

1. REFER TO GENERAL NOTES ON SHEET 2.
2. GEO SUBSEA SURFACE PROVIDED IN NOAA MLLW.
3. CONTRACTOR TO CONSTRUCT APPROPRIATE CONTAINMENT FOR DRILLING MUD.
4. THIS LAYOUT HAS BEEN BASED ON ANTICIPATED MINIMUM SEPARATION DISTANCES OF ADJACENT HDD BORES AT THE ENTRY PITS AND AT THE MWD EXIT LOCATION. MINIMUM SEPARATION DISTANCES MUST BE IN ACCORDANCE WITH THE USACE PERMIT APPLICATION SHEET 9-4.
5. BORING LOCATIONS SHOWN WERE PROVIDED BY VINEYARD WIND. BORINGS WERE PERFORMED BY OTHERS.

LEGEND:
- CENTERLINE OF DRILL PATH 1
- CENTERLINE OF DRILL PATH 2
- CONSTRUCTION FENCE
- MTL
- MHW
- MEAN HIGH WATER LINE
- MLW
- MEAN LOW WATER LINE
- MLLW
- MEAN LOWER LOW WATER LINE
- APPROXIMATE MUDLINE
- APPROXIMATE MUDLINE (BELOW WATER LINE) OR APPROXIMATE GROUND LEVEL
- MUDLINE (BELOW WATER LINE) OR APPROXIMATE GROUND LEVEL

NOTES:

1. REFER TO GENERAL NOTES ON SHEET 2.
2. GEO SUBSEA SURFACE PROVIDED IN NOAA MLLW.
3. CONTRACTOR TO CONSTRUCT APPROPRIATE CONTAINMENT FOR DRILLING MUD.
4. THIS LAYOUT HAS BEEN BASED ON ANTICIPATED MINIMUM SEPARATION DISTANCES OF ADJACENT HDD BORES AT THE ENTRY PITS AND AT THE MWD EXIT LOCATION. MINIMUM SEPARATION DISTANCES MUST BE IN ACCORDANCE WITH THE USACE PERMIT APPLICATION SHEET 9-4.
5. BORING LOCATIONS SHOWN WERE PROVIDED BY VINEYARD WIND. BORINGS WERE PERFORMED BY OTHERS.
CONTRACTOR TO CONSTRUCT APPROPRIATE CONTRAIN FOR DRILLING MUD.

1. REFER TO GENERAL NOTES ON SHEET 2.
2. GEO SUBSEA SURFACE PROVIDED IN NOAA MLLW.
3. CONTRACTOR TO CONSTRUCT APPROPRIATE CONTRAIN FOR DRILLING MUD.
4. THIS LAYOUT HAS BEEN BASED ON ANTICIPATED MINIMUM SEPARATION DISTANCES OF ADJACENT HDD BORES AT THE ENTRY PITS AND AT THE MAIN MARK. INTENDED MINIMUM SEPARATION AT THE EXIT POINT IS 30 FEET. FINAL DESIGN OF ALL HDD DRILLPATHS WILL BE COMPLETED BY THE HDD CONTRACTOR FOR REVIEW BY VINEYARD WIND.
5. BORING LOCATIONS SHOWN WERE PROVIDED BY VINEYARD WIND / AVANGRID. BORINGS HERE PERFORMED BY OTHERS.
THIS PLAN SET IS CONCEPTUAL AND HAS BEEN ISSUED FOR PERMITTING PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

NOTES:
1. CONFLICTS WITH ABOVE AND BELOW GROUND UTILITIES WILL BE RESOLVED DURING FINAL DESIGN.
2. FINAL LIMITS OF RECEIVING PIT SHALL BE COORDINATED WITH TOWN SEWER IMPROVEMENTS PLANS.
3. DEWATERING ACTIVITIES SHALL BE CONDUCTED IN A MANNER SO AS TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OPERATIONS. DEWATERING ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH PROJECT PERMITS AND APPROVALS INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT (CGP) FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.
THIS PLAN SET IS CONCEPTUAL AND HAS BEEN ISSUED FOR PERMITTING PURPOSES ONLY; AND, IS NOT INTENDED FOR CONSTRUCTION PURPOSES.
FIGURE 2.1-1
WETLAND RESOURCE AREAS NEAR LANDFALL SITE

IN: BARNSTABLE
AT: SOUTHEAST MASSACHUSETTS
JULY 20, 2022
FIGURE 2.2-1
EELGRASS - OFFSHORE EXPORT CABLE CORRIDOR (PHASE I)

IN: ATLANTIC OCEAN AND NANTUCKET SOUND
AT: SOUTHEAST MASSACHUSETTS
JULY 20, 2022

LEGEND
- New England Wind Offshore Export Cable Corridor (OECC)
- Maximum Size of Southern Wind Development Area (SWDA)
- Lease Area Boundary
- Right Whale Core Habitat
- Extent of Eelgrass

Scale: 1:190,800
1 inch = 3 miles

Map Coordinate System: NAD 1983 UTM Zone 19N
Basemap: Nautical Chart 13200/13237, NOAA

Note:
Soundings for NOAA Nautical Chart 13237 (top) are in feet.
Soundings for NOAA Nautical Chart 13200 (bottom) are in fathoms.
PHASE I OF NEW ENGLAND WIND

FIGURE 3.2-1
CENTERVILLE RIVER CROSSING OPTION (MICROTUNNEL)

IN: BARNSTABLE
AT: SOUTHEAST MASSACHUSETTS
JULY 21, 2022
FIGURE 3.2-2
CENTERVILLE RIVER CROSSING OPTION (HDD)

LEGEND
- HDD Bores
- HDD Staging Areas
- HDD Pipe Laydown Area

Map Coordinate System: NAD 1983 UTM Zone 19N
Basemap: Nearmap Aerial Imagery, April 2022

Scale 1:1,440
1 inch = 120 feet

CENTRELL RIVER
Short Beach Road
Craigville Beach Road

PHASE I OF NEW ENGLAND WIND
IN: BARNSTABLE
AT: SOUTHEAST MASSACHUSETTS
JULY 20, 2022
LEGEND
- Direct Pipe Bore
- Direct Pipe Assembly Area
- Direct Pipe Exit Staging Area

Map Coordinate System: NAD 1983 UTM Zone 19N
Basemap: Nearmap Aerial Imagery, April 2022

PHASE I OF NEW ENGLAND WIND
FIGURE 3.2-3
CENTERVILLE RIVER CROSSING OPTION (DIRECT PIPE)

IN: BARNSTABLE
AT: SOUTHEAST MASSACHUSETTS
JULY 20, 2022
LEGEND
Temporary and Permanent Impacts from Utility Bridge Abutment

Map Coordinate System: NAD 1983 UTM Zone 19N
Basemap: Nearmap Aerial Imagery, April 2022

Scale 1:600
1 inch = 50 feet

Centerville River
Short Beach Road
Craigville Beach Road

PHASE I OF NEW ENGLAND WIND
FIGURE 3.2-4
CENTERVILLE RIVER CROSSING OPTION (UTILITY BRIDGE)

IN: BARNSTABLE
AT: SOUTHEAST MASSACHUSETTS
JULY 20, 2022