



no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999897978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEC. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEC.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-273 ET. SEC. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 773-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON SITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO CORPORATION.


- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200
E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com



THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS HERETO APPROPRIATE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

KEY MAP

OCEAN WIND OFFSHORE WIND PROJECT
OCEAN CITY/UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project P-21-03-026
drawing **OL-BLE001** - rev. **3**
sheet 1 of 24 sheets
DERECO # 07741007

LEGEND

SHEET VIEW LOCATION

PROPOSED EXPORT CABLE
PROPOSED EXPORT CABLE (HDD)

NJDEP DIVISION OF LAND RESOURCE PROTECTION JURISDICTIONAL RESOURCE IMPACT TABLE

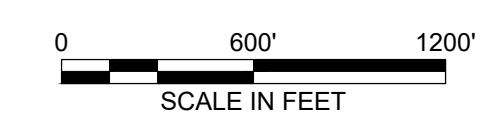
	FORESTED	MAINTAINED ROADSIDE	EMERGENT TIDAL	EMERGENT NON-TIDAL	DRAINAGE SWALE	UPLAND MEADOW	TOTAL
COASTAL WETLANDS (1970 ACT)							
PERMANENT			316 SQ. FT. 0.007 ACRES				316 SQ. FT. 0.007 ACRES
TEMPORARY							
FRESHWATER WETLANDS							
PERMANENT	10590 SQ. FT. 0.243 ACRES						10590 SQ. FT. 0.243 ACRES
TEMPORARY			3936 SQ. FT. 0.090 ACRES				3936 SQ. FT. 0.090 ACRES
COASTAL WETLANDS TRANSITION AREA							
PERMANENT			8233 SQ. FT. 0.189 ACRES				8233 SQ. FT. 0.189 ACRES
TEMPORARY	6473 SQ. FT. 0.149 ACRES		16438 SQ. FT. 0.377 ACRES				22911 SQ. FT. 0.526 ACRES
FRESHWATER WETLANDS TRANSITION AREA							
PERMANENT							
TEMPORARY	3723 SQ. FT. 0.085 ACRES				16774 SQ. FT. 0.385 ACRES		20497 SQ. FT. 0.470 ACRES
STATE OPEN WATERS							
PERMANENT							
TEMPORARY							
RIPARIAN ZONE							
PERMANENT							
TEMPORARY							

NOTE:

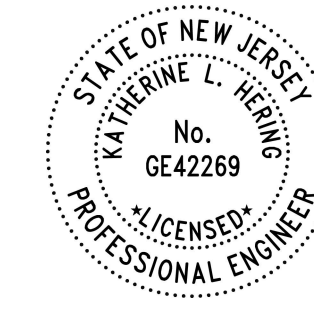
- 136993 SQ. FT. OR 3.145 ACRES OF COASTAL WETLANDS TRANSITION AREA SPECIAL ACTIVITY REDEVELOPMENT AREA OF EXISTING UN-VEGETATED FORMER COAL PILE STORAGE AREA (ASSOCIATED WITH FORMER BL ENGLAND POWER GENERATION PLANT) IS PROPOSED TO BE IMPROVED WITH THE NEW SUBSTATION.

TREES AND SCRUB-SHRUB VEGETATION CLEARING IMPACT TABLE

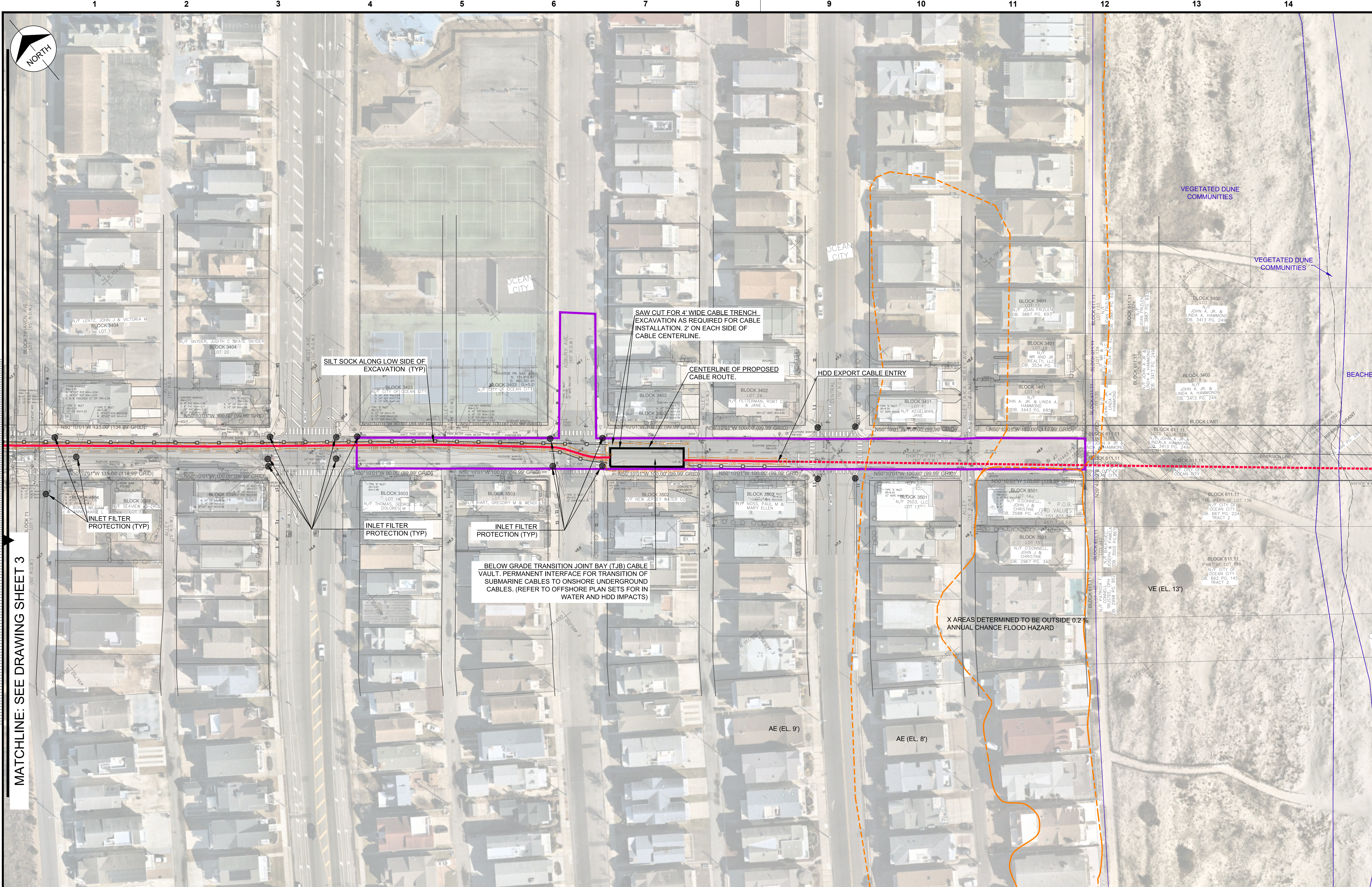
	FORESTED	SCRUB SHRUB	TOTAL
WOODY VEGETATION CLEARING			
GROSS AREAS	13334 SQ. FT. 0.306 ACRES		13334 SQ. FT. 0.306 ACRES



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION



KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER



MATCHLINE: SEE DRAWING SHEET 3

LEGEND	
	PROPOSED EXPORT CABLE
	PROPOSED EXPORT CABLE (HDD)
	TEMPORARY HDD WORKSPACE
	FEMA LINE AND DESIGNATION
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	DUNES
	INLET FILTER PROTECTION
	DIVERSION AREA

no.	date	by	ckd	description
0	7/20/22	AG	JSK/LH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSK/LH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/LH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSK/LH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD-83 (2011) VERTICAL DATUM = NAVD-88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999897978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48:2-73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PASSES LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNATURE DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. (SEPTEMBER 15, 2018) AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO0 CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING THEREUNTO. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETERMINED TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

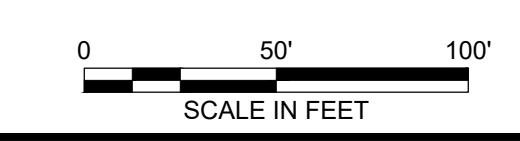
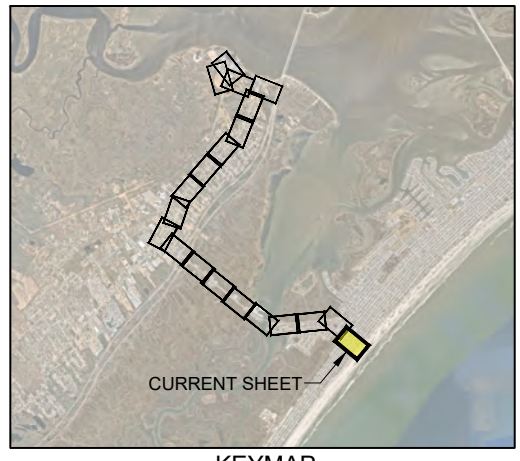
NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
OCEAN CITY
CAPE MAY COUNTY, NEW JERSEY

project P-21-03-026

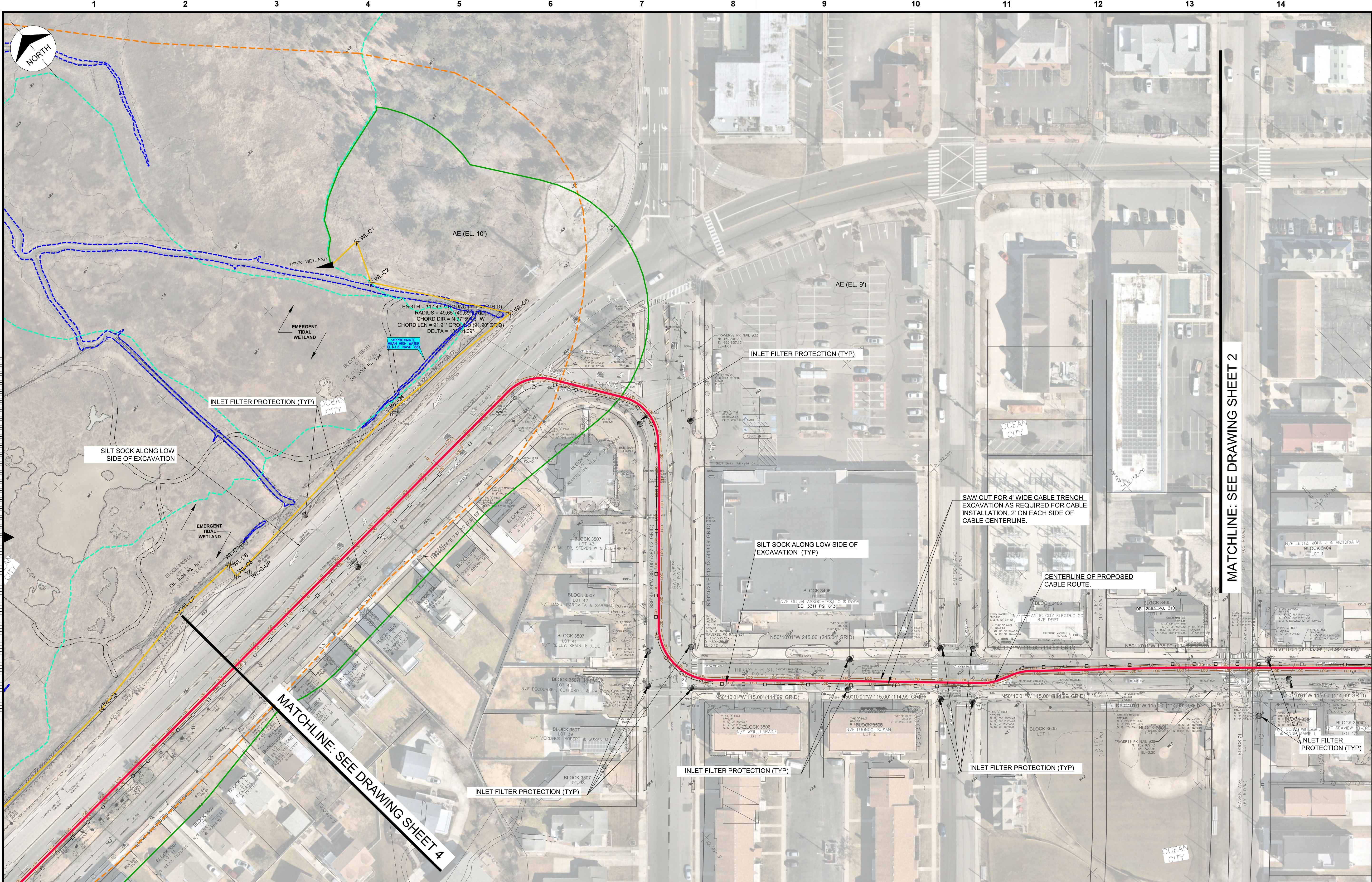
drawing **OL-BLE002** - rev. **3**

sheet 2 of 24 sheets
DERECO # 07741007



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER

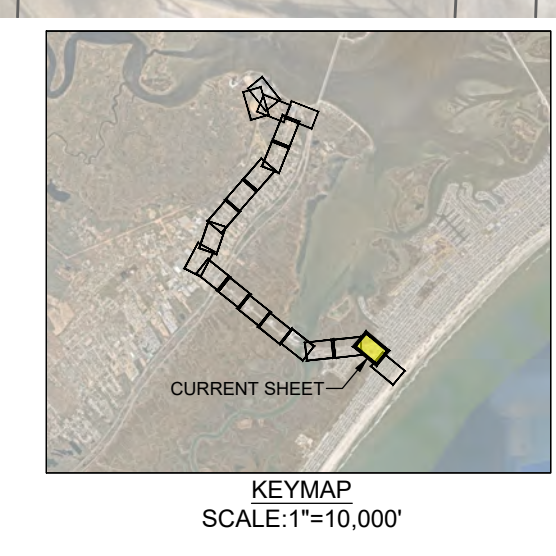


Scale For Microfilming
Inches

MATCHLINE: SEE DRAWING SHEET 2

MATCHLINE: SEE DRAWING SHEET 4

LEGEND	
	PROPOSED EXPORT CABLE
	FEMA LINE AND DESIGNATION
	LIMIT OF 1970 COASTAL WETLAND LINE
	LIMIT OF DELINEATED WETLAND
	WETLAND TRANSITION
	MEAN HIGH WATER LINE
	TIDELANDS CLAIM LINE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	DELINEATED WETLAND
	INLET FILTER PROTECTION
	MANHOLE



no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/19/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVAL

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD83 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997919
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT NJAC 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:15-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 8:2-73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREAS THAT ARE NOT THREATENED ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON SITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEOO CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

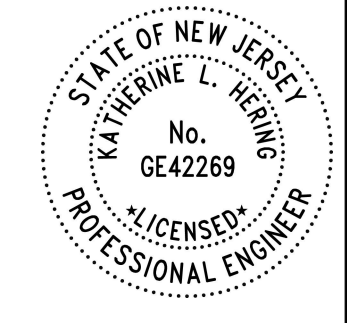
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREUNDER. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	designed	detailed	checked
7/20/22	JMS	APG	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

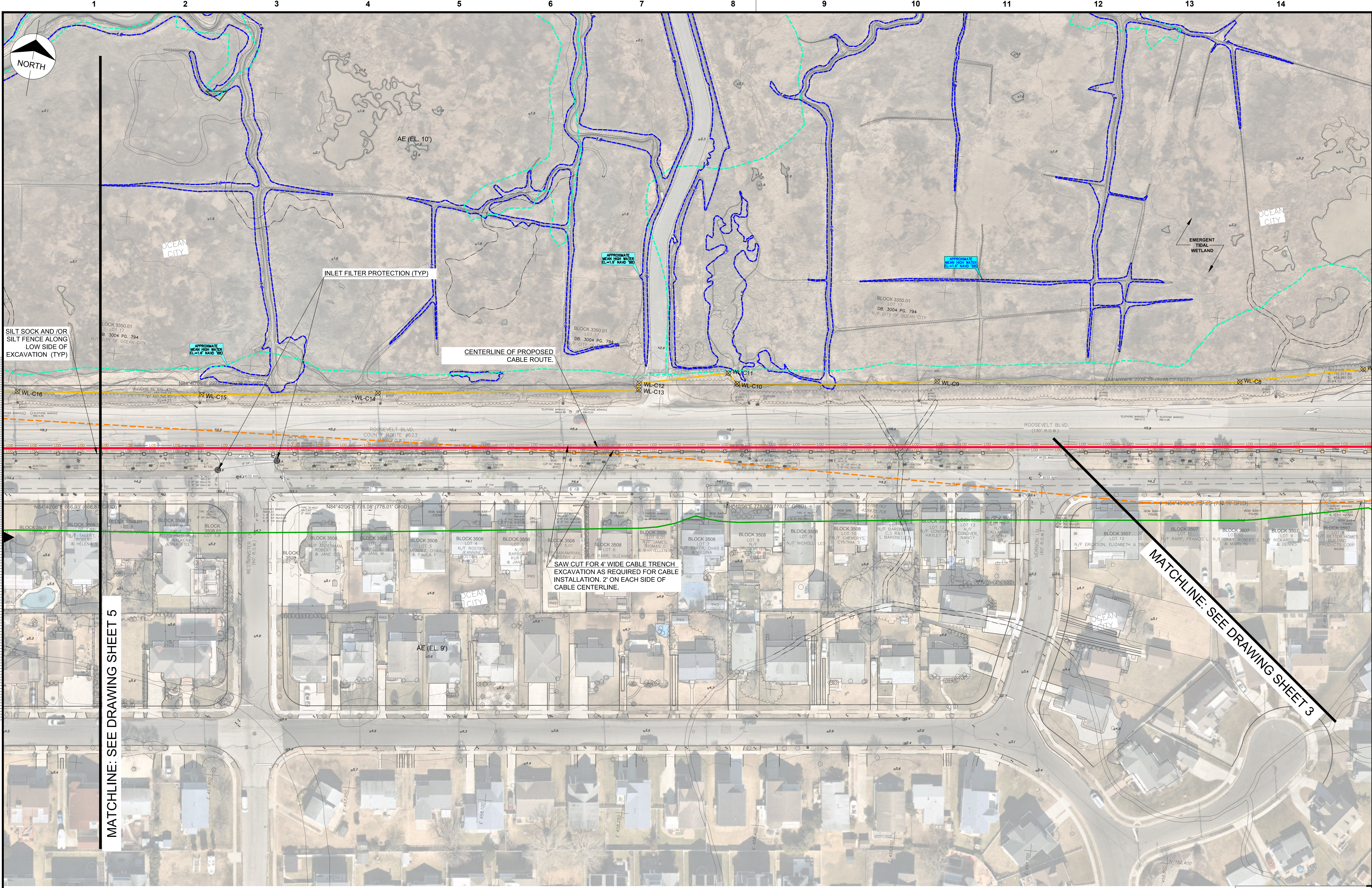
OCEAN WIND OFFSHORE WIND PROJECT
OCEAN CITY
CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026	rev.	
drawing	OL-BLE003		3
sheet	3	of 24	sheets
DERECO # 07741007			



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING
No. GE42269
LICENSED PROFESSIONAL ENGINEER



LEGEND	
	PROPOSED EXPORT CABLE
	FEMA LINE AND DESIGNATION
	LIMIT OF 1970 COASTAL WETLAND LINE
	LIMIT OF DELINEATED WETLAND
	WETLAND TRANSITION
	MEAN HIGH WATER LINE
	TIDELANDS CLAIM LINE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	DELINEATED WETLAND
	INLET FILTER PROTECTION

no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/15/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD-88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-273 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WALK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (800) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com



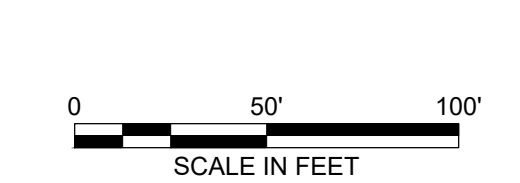
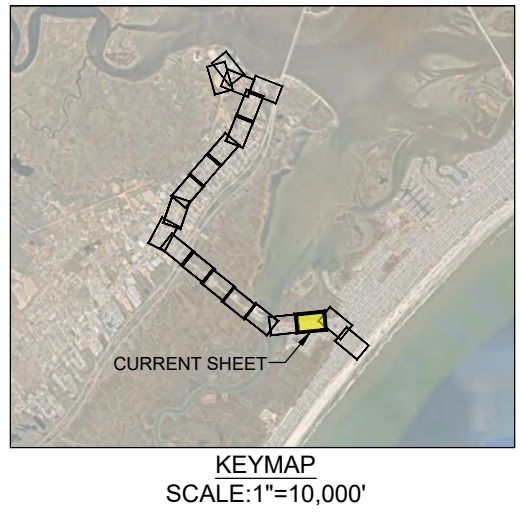
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING THEREUNTO. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

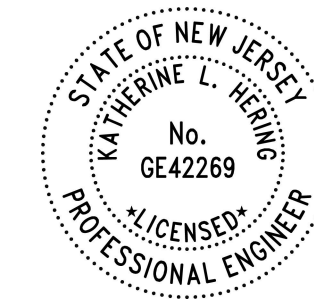
NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
OCEAN CITY
CAPE MAY COUNTY, NEW JERSEY

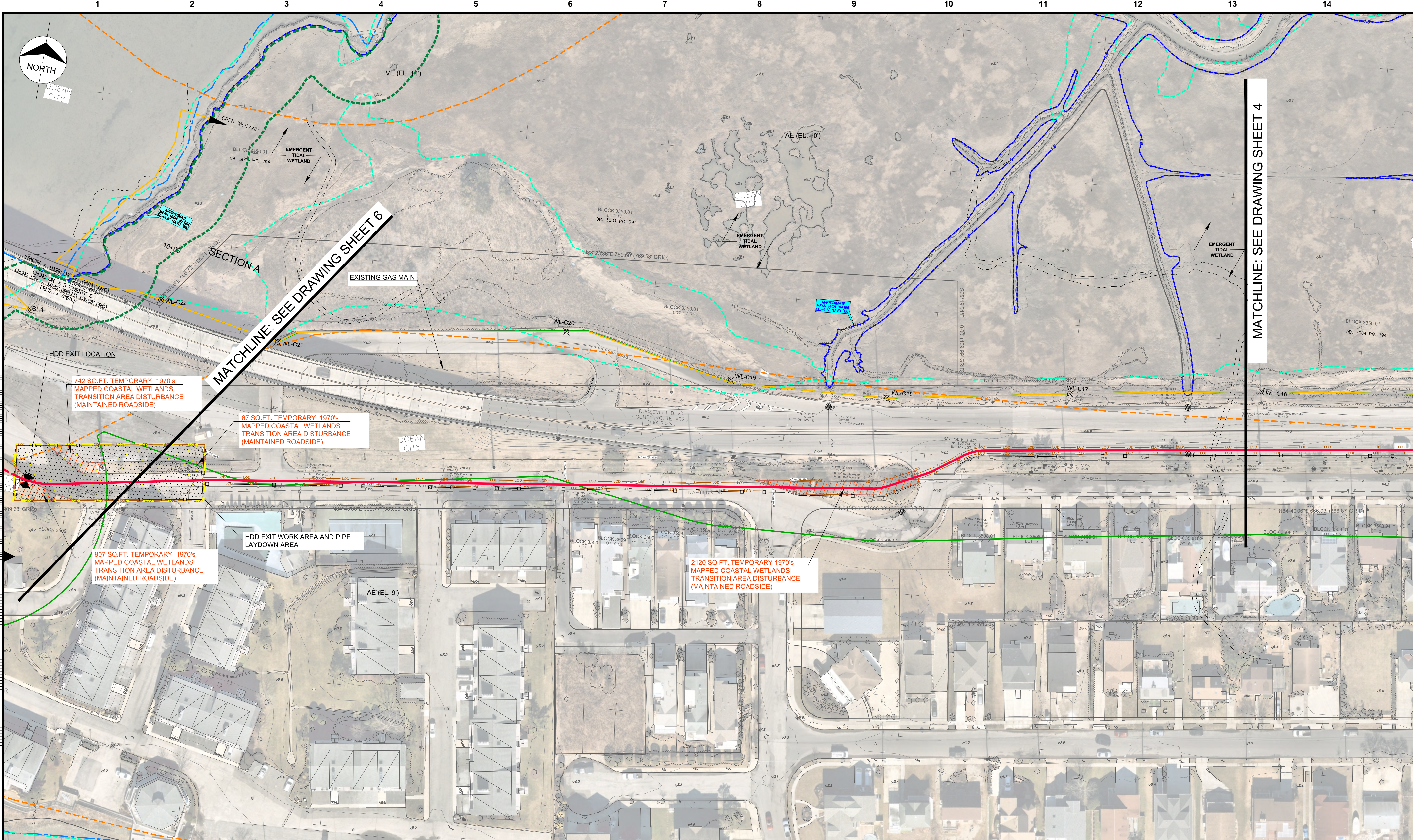
project	P-21-03-026	rev.	
drawing	OL-BLE004		3
sheet	4	of 24	sheets
DERECO # 07741007			



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION



KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER



1 2 3 4 5 6 7 8 9 10 11 12 13 14

North

OCEAN CITY

VE (EL. 11)

AE (EL. 10)

AE (EL. 9)

SECTION A

EXISTING GAS MAIN

HDD EXIT LOCATION

HDD EXIT WORK AREA AND PIPE LAYDOWN AREA

742 SQ.FT. TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (MAINTAINED ROADSIDE)

67 SQ.FT. TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (MAINTAINED ROADSIDE)

907 SQ.FT. TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (MAINTAINED ROADSIDE)

2120 SQ.FT. TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (MAINTAINED ROADSIDE)

WLC22

WLC21

WLC20

WLC19

WLC18

WLC17

WLC16

ROOSEVELT BLVD. COUNTY ROUTE #623 (100' R.O.S.)

TRAVELER HUB

SCALE FOR MICROFILMING

Millimeters

Inches

MATCHLINE: SEE DRAWING SHEET 6

MATCHLINE: SEE DRAWING SHEET 4

no.	date	by	ckd	description
0	7/20/22	AG	JSK/LH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/19/22	AG	JSK/LH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/LH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSK/LH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD-88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:27-14 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:27-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2.73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF PSEG, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 774-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15 AND 16, 2019 AND MARCH 21, 2022 AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO CORPORATION.

- REFERENCES:
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021
 - HYDROGRAPHIC SURVEY DRAWING NO. 87710 ENTITLED "N.J. W.W. VICINITY OF CROOK HORN CREEK," SHEET 1 OF 1, DATED APRIL 02, 2021, PREPARED BY U.S. ARMY ENGINEER DISTRICT, PHILADELPHIA CORPS OF ENGINEERS, PHILADELPHIA, PENNSYLVANIA

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

E2PM

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING TO THE DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP DIVISION OF LAND RESOURCE PROTECTION JURISDICTIONAL RESOURCE IMPACT TABLE					
	FORESTED	MAINTAINED ROADSIDE	EMERGENT NON-TIDAL DRAINAGE SWALE	UPLAND MEADOW	TOTAL
COASTAL WETLANDS					
PERMANENT					
TEMPORARY					
COASTAL WETLANDS TRANSITION AREA					
PERMANENT					
TEMPORARY		3836 SQ.FT. 0.088 ACRES			3836 SQ.FT. 0.088 ACRES

OCEAN CITY

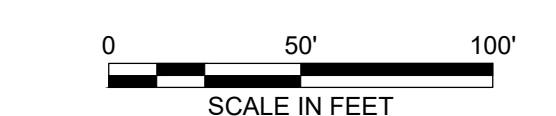
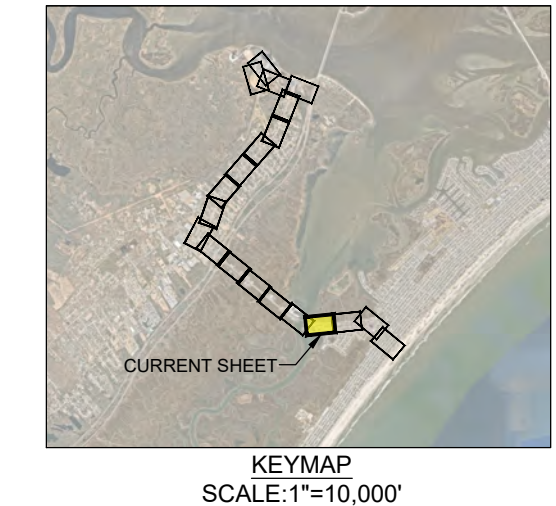
Interpolation between tidal stations #8535101 CORSON INLET, NJ and #8534778 STEELMANVILLE, PATCONG

	NAV88	NGVD-29
	FEET	FEET
SPRING HIGH TIDE	SHT	2.03 0.77
MEAN HIGHER HIGH WATER	MHHW	1.99 0.73
MEAN HIGH WATER	MHW	1.62 0.36
MEAN TIDE LEVEL	MTL	-0.25 -1.51
MEAN LOW WATER	MLW	-2.11 -3.37
MEAN LOWER LOW WATER	MLLW	-2.28 -3.54

NAVD-88 TO NGVD-29 CONVERSION FACTOR = -1.26'

LEGEND

	PROPOSED EXPORT CABLE		SILT FENCE/SILT SOCK		LAYDOWN AREA (TO BE CLEARED AND OVERLAIN WITH STONE OR TIMBER MATTING)
	PERMANENT UTILITY EASEMENT LINE		1963 SHELLFISH BOUNDARY		HDD WORK AREA
	FEMA LINE AND DESIGNATION		DELINEATED WETLAND		TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (MAINTAINED ROADSIDE)
	LIMIT OF 1970 COASTAL WETLAND LINE		INLET FILTER PROTECTION		
	LIMIT OF DELINEATED WETLAND				
	WETLAND TRANSITION AREA				
	RIPARIAN ZONE				
	MEAN HIGH WATER LINE				
	TIDELANDS CLAIM LINE				
	LIMIT OF DISTURBANCE				



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING
No. GE42269
LICENSED PROFESSIONAL ENGINEER

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
OCEAN CITY
CAPE MAY COUNTY, NEW JERSEY

project P-21-03-026

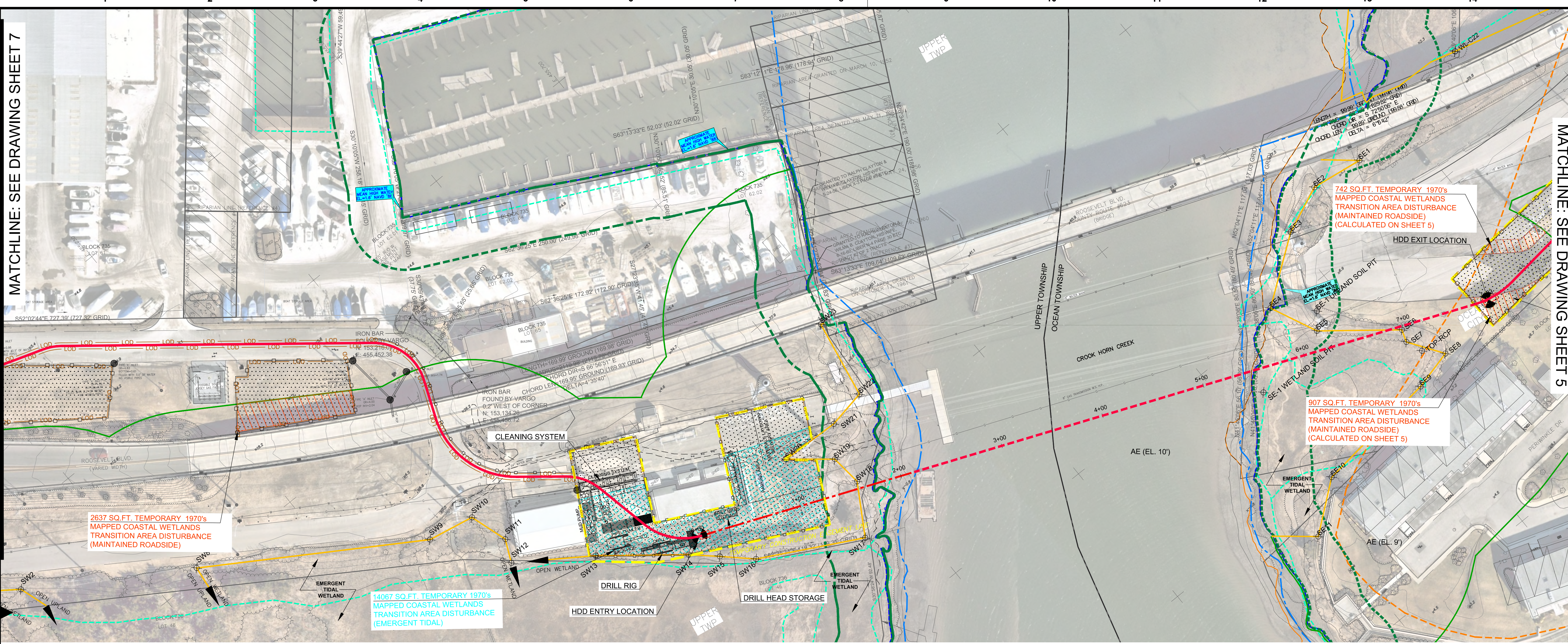
drawing **OL-BLE005** rev. **3**

sheet 5 of 24 sheets

DERECO # 07741007

MATCHLINE: SEE DRAWING SHEET 7

MATCHLINE: SEE DRAWING SHEET 5



2637 SQ. FT. TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (MAINTAINED ROADSIDE)

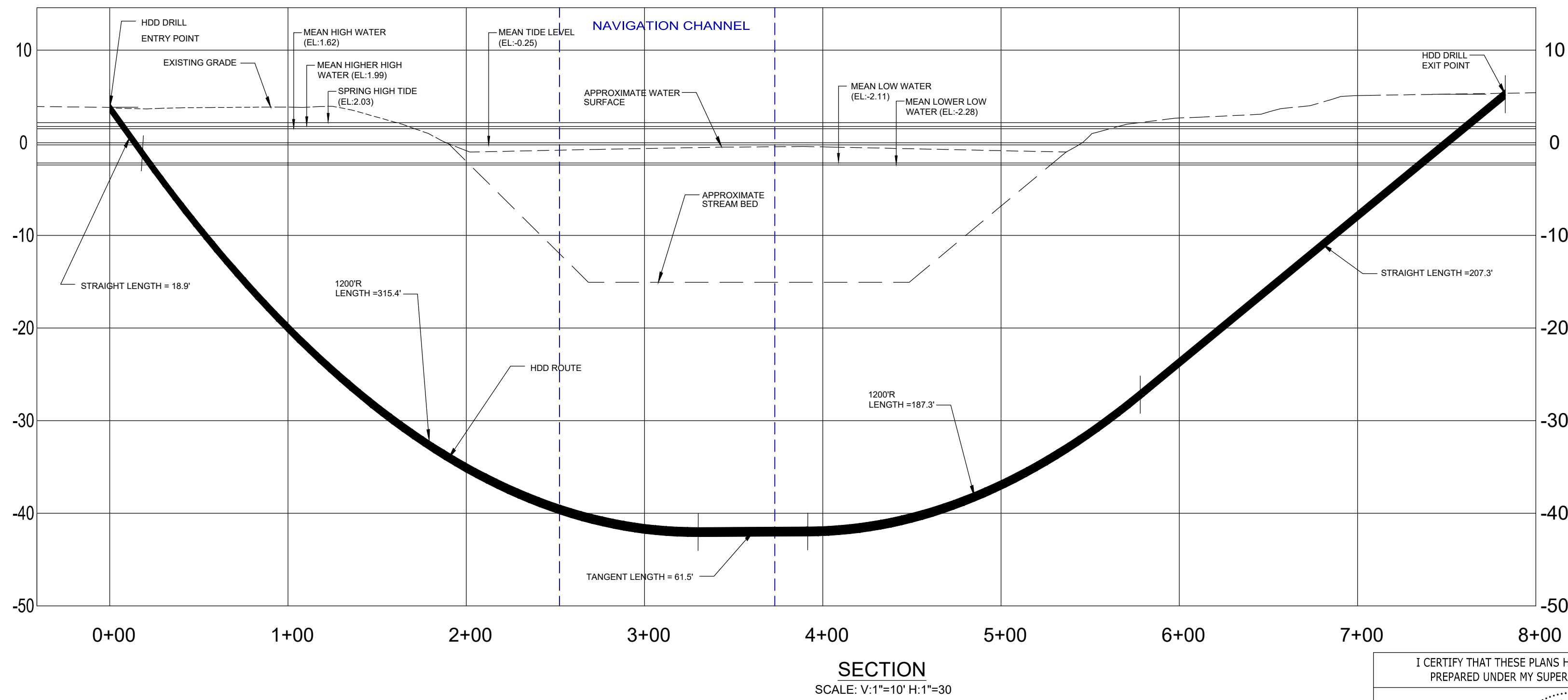
14067 SQ. FT. TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (EMERGENT TIDAL)

742 SQ. FT. TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (MAINTAINED ROADSIDE) (CALCULATED ON SHEET 5)

907 SQ. FT. TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (MAINTAINED ROADSIDE) (CALCULATED ON SHEET 5)



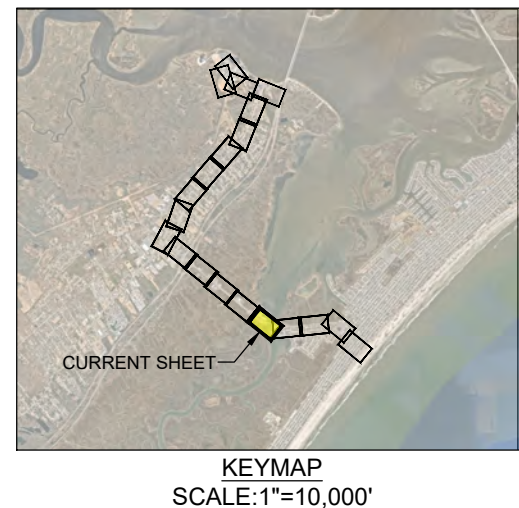
Scale For Microlining
Inches



OCEAN CITY
Interpolation between tidal stations #8535101 CORSON INLET, NJ and #8534778 STEELMANVILLE, PATCONG

	NAVD-88 FEET	NGVD-29 FEET
SPRING HIGH TIDE	2.03	0.77
MEAN HIGHER HIGH WATER	1.99	0.73
MEAN HIGH WATER	1.62	0.36
MEAN TIDE LEVEL	-0.25	-1.51
MEAN LOW WATER	-2.11	-3.37
MEAN LOWER LOW WATER	-2.28	-3.54

NAVD-88 TO NGVD-29 CONVERSION FACTOR = -1.26



LEGEND

PROPOSED EXPORT CABLE	TIDELANDS CLAIM LINE	TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (MAINTAINED ROADSIDE)
PROPOSED EXPORT CABLE (HDD)	LIMIT OF DISTURBANCE	TEMPORARY 1970's MAPPED COASTAL WETLANDS TRANSITION AREA DISTURBANCE (EMERGENT TIDAL)
TEMPORARY CONSTRUCTION EASEMENT LINE	SILT FENCE/SILT SOCK	
PERMANENT UTILITY EASEMENT LINE	1963 SHELLFISH BOUNDARY	
FEMA LINE AND DESIGNATION	DELINEATED WETLAND	
LIMIT OF 1970 COASTAL WETLAND LINE	INLET FILTER PROTECTION	
LIMIT OF DELINEATED WETLAND	LAYDOWN AREA (TO BE CLEARED AND OVERLAID WITH STONE OR TIMBER MATTING)	
WETLAND TRANSITION AREA		
RIPARIAN ZONE		
MEAN HIGH WATER LINE		

NJDEP DIVISION OF LAND RESOURCE PROTECTION JURISDICTIONAL RESOURCE IMPACT TABLE

	EMERGENT TIDAL	MAINTAINED ROADSIDE	EMERGENT NON-TIDAL	DRAINAGE SWALE	UPLAND MEADOW	TOTAL
COASTAL WETLANDS						
PERMANENT						
TEMPORARY						
COASTAL WETLANDS TRANSITION AREA						
PERMANENT						
TEMPORARY	14067 SQ. FT. 0.323 ACRES	2637 SQ. FT. 0.061 ACRES				16704 SQ. FT. 0.384 ACRES

no.	date	by	ckd	description
0	7/20/22	AG	JSK/JH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/19/22	AG	JSK/JH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/JH	REVISED TO ADD NDEP DEFICIENCY COMMENTS
3	1/05/2023	AG	JSK/JH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD-88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48:2-73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (856) 774-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO CORPORAATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021.
 - HYDROGRAPHIC SURVEY DRAWING NO. 07740 ENTITLED "N.J. VICINITY OF CROOK HORN CREEK", SHEET 1 OF 1, DATED APRIL 02, 2021, PREPARED BY U.S. ARMY ENGINEER DISTRICT, PHILADELPHIA CORPS OF ENGINEERS, PHILADELPHIA, PENNSYLVANIA.

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC
87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

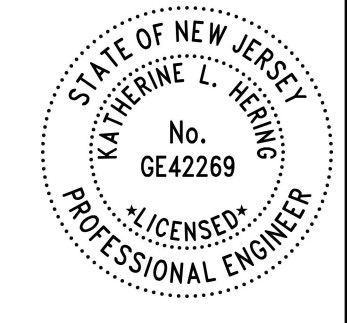
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS HERETO APPROPRIATE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

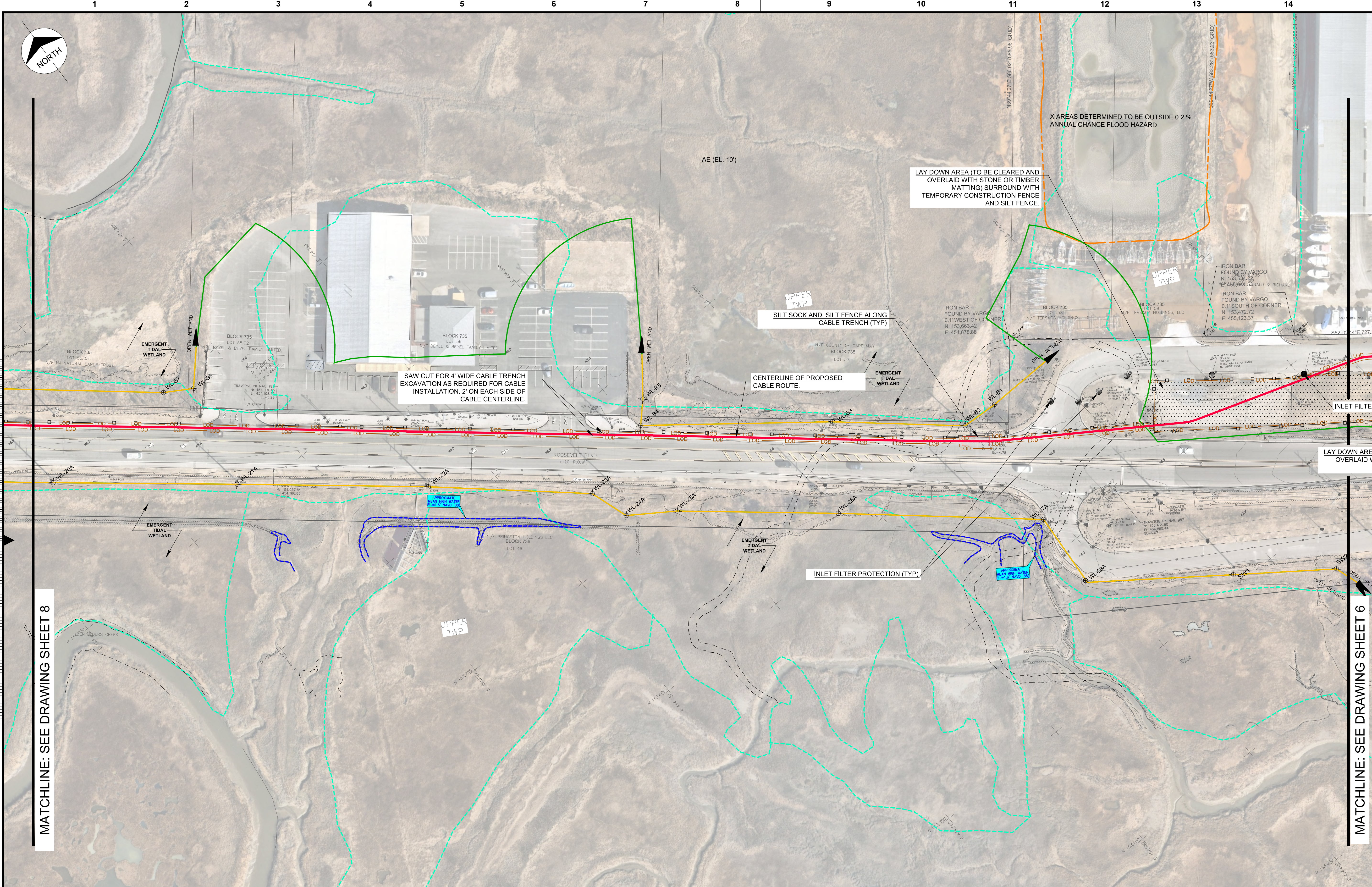
OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP/OCEAN CITY
CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026	rev.	
drawing	OL-BLE006		3
sheet	6	of	24
sheet 6 of 24 sheets			
DERECO # 07741007			



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

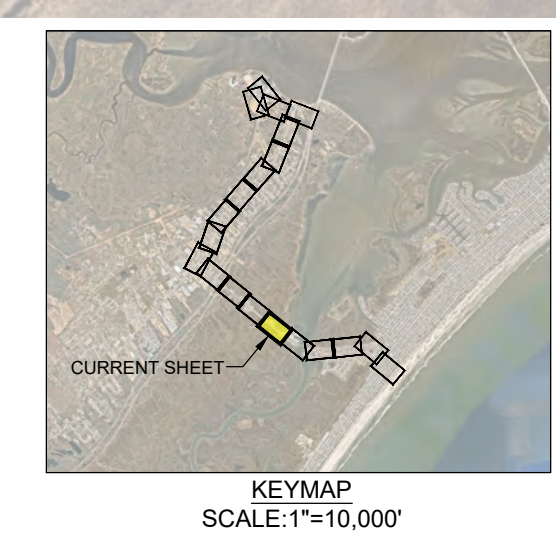
KATHERINE L. HERING, P.E., N.J., NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER



MATCHLINE: SEE DRAWING SHEET 8

MATCHLINE: SEE DRAWING SHEET 6

LEGEND	
	PROPOSED EXPORT CABLE
	FEMA LINE AND DESIGNATION
	LIMIT OF 1970 COASTAL WETLAND LINE
	LIMIT OF DELINEATED WETLAND
	WETLAND TRANSITION
	RIPARIAN ZONE
	MEAN HIGH WATER LINE
	OPEN WATER
	TIDELANDS CLAIM LINE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	DELINEATED WETLAND
	INLET FILTER PROTECTION
	LAYDOWN AREA (TO BE CLEARED AND OVERLAID WITH STONE OR TIMBER MATTING)



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSK/HL	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/19/22	AG	JSK/HL	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/HL	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	1/05/2023	AG	JSK/HL	UPDATED ROUTE AND STATION AND REVISED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD-83 (2011) VERTICAL DATUM = NAVD-88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999987978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2-73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON SITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2018, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO D CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS HERETO APPROPRIATE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

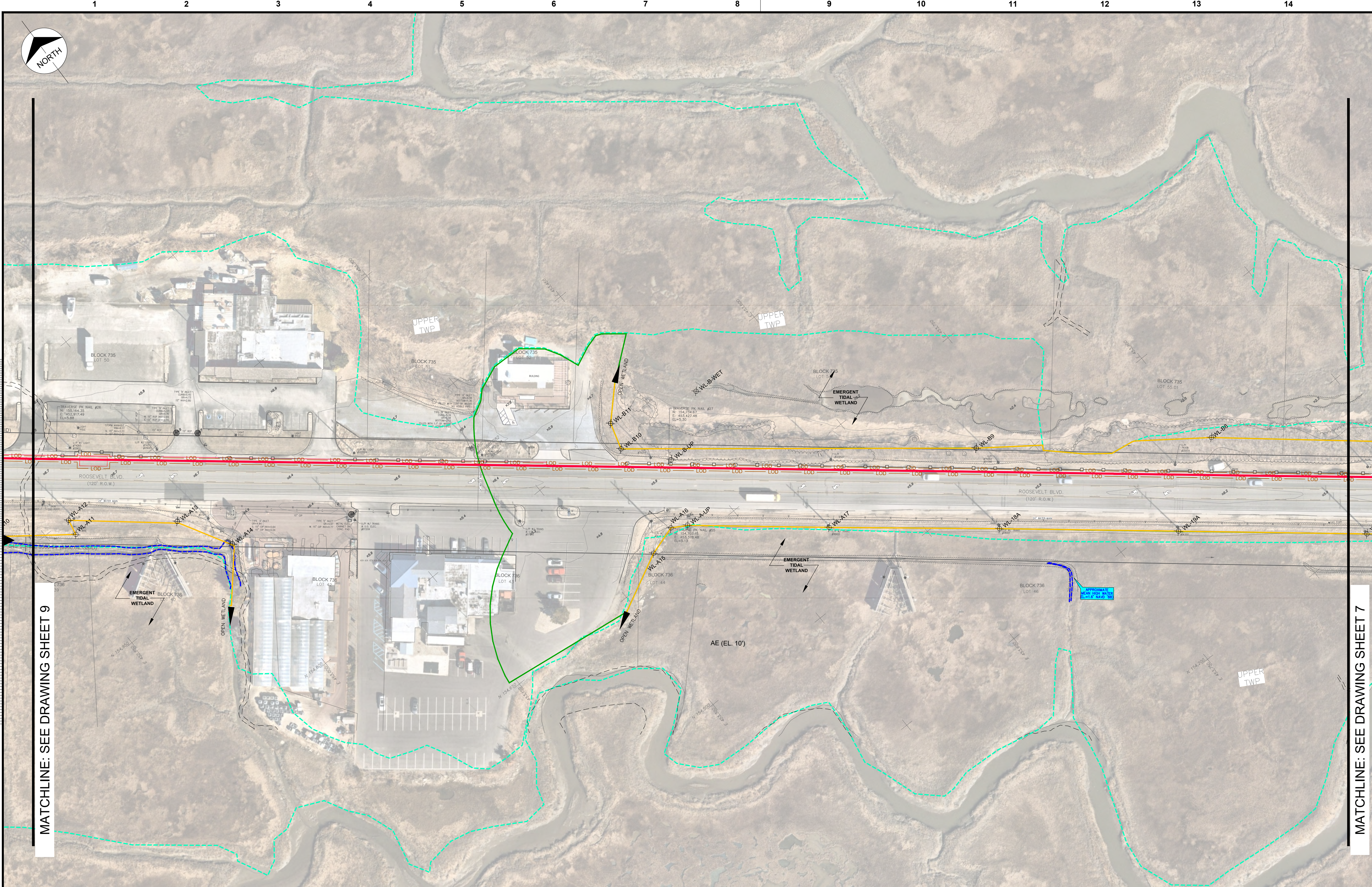
date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

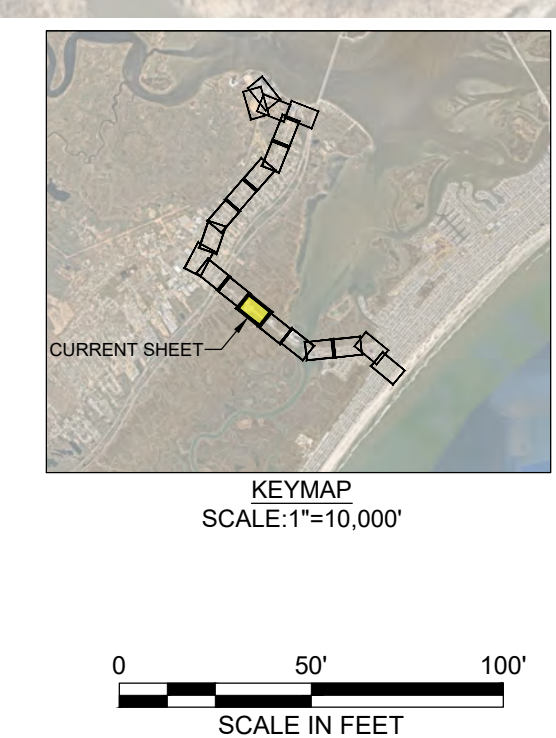
OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026	rev.	
drawing	OL-BLE007		3
sheet	7	of 24	sheets

DERECO # 07741007



LEGEND	
	PROPOSED EXPORT CABLE
	LIMIT OF 1970 COASTAL WETLAND LINE
	LIMIT OF DELINEATED WETLAND
	WETLAND TRANSITION AREA
	MEAN HIGH WATER LINE
	OPEN WATER
	TIDELANDS CLAIM LINE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	DELINEATED WETLAND
	INLET FILTER PROTECTION
	MANHOLE



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSK/LH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSK/LH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/LH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSK/LH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:27-11 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:27A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2.73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREAS THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREBY APPLICABLE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project P-21-03-026

drawing **01-BLE008** - rev. **3**

sheet 8 of 24 sheets
DERECO # 07741007

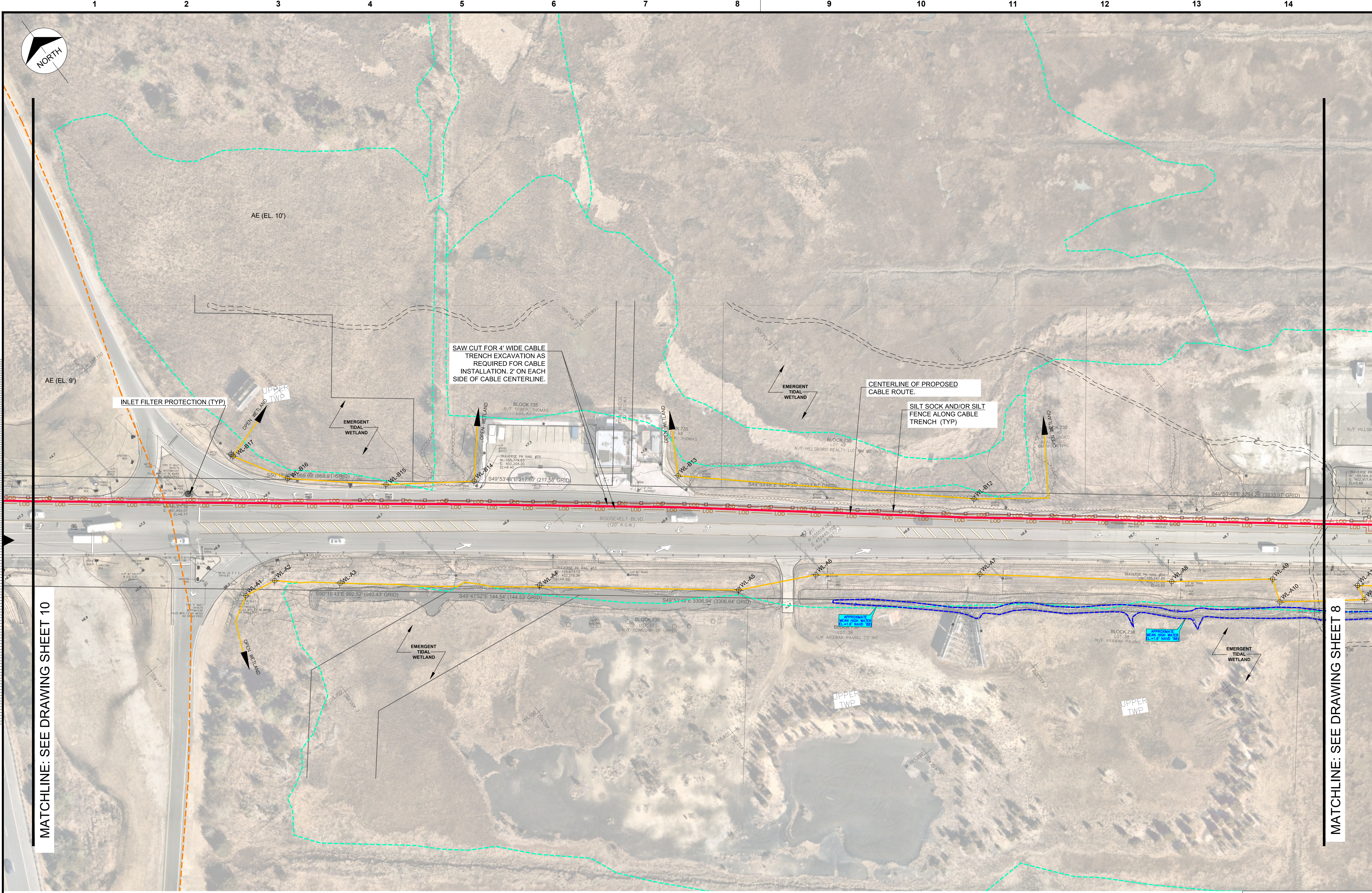
MATCHLINE: SEE DRAWING SHEET 9

MATCHLINE: SEE DRAWING SHEET 7

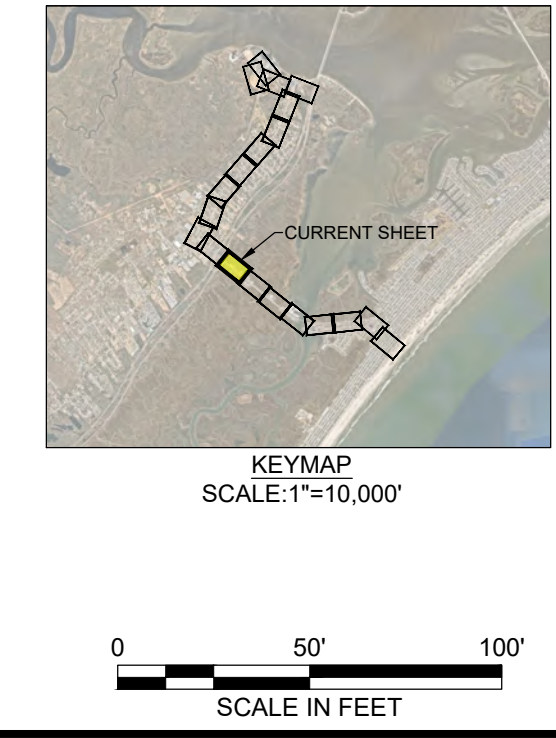
1 2 3 4 5 6 7 8 9 10 11 12 13 14

Millimeters
Scale for Microlining
Inches

A B C D E F G H I J



LEGEND	
	PROPOSED EXPORT CABLE
	FEMA LINE AND DESIGNATION
	LIMIT OF 1970 COASTAL WETLAND LINE
	LIMIT OF DELINEATED WETLAND
	MEAN HIGH WATER LINE
	TIDELANDS CLAIM LINE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	DELINEATED WETLAND
	INLET FILTER PROTECTION



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING
 No. GE42269
 LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/19/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD-83 (2011). VERTICAL DATUM = NAVD-83. UNITS = U.S. FOOT. PROJECT COMBINED GRID SCALE FACTOR = 0.999897978.
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-11 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT NJAC 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:15-1 ET. SEQ.
 - ONLY OCEAN WIND LOT LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 8:2-73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON-SITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2018, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEOCORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
 An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
 ROCKAWAY, N.J. 07866
 PHONE: (973) 299-5200
 FAX: (973) 299-5059
 www.E2PM.com

E2PM

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING THEREUNDER. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	designed	detailed	checked
7/20/22	JMS	APG	KLH/JMS

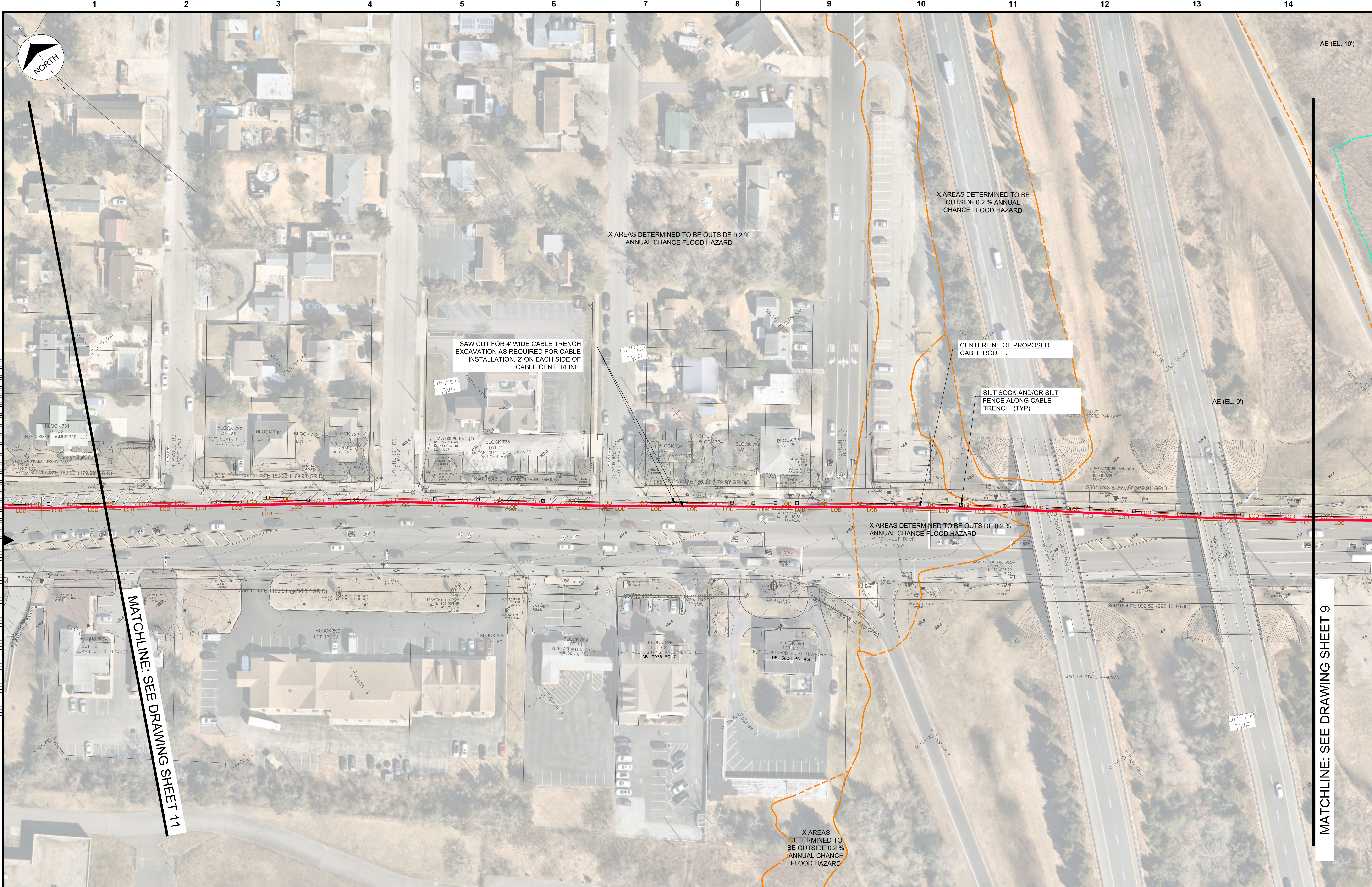
NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
 UPPER TOWNSHIP
 CAPE MAY COUNTY, NEW JERSEY

project P-21-03-026
 drawing **OL-BLE009** rev. **3**
 sheet 9 of 24 sheets
 DERECO # 07741007

MATCHLINE: SEE DRAWING SHEET 10

MATCHLINE: SEE DRAWING SHEET 8



LEGEND	
	PROPOSED EXPORT CABLE
	FEMA LINE AND DESIGNATION
	LIMIT OF 1970 COASTAL WETLAND LINE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK

Millimeters
Scale for Microfilming
Inches

MATCHLINE: SEE DRAWING SHEET 11

MATCHLINE: SEE DRAWING SHEET 9

no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/19/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:27-11 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:27A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2.73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200
E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

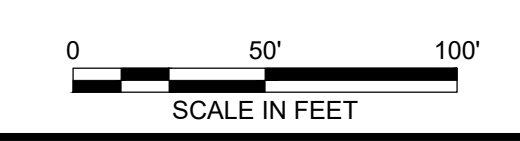
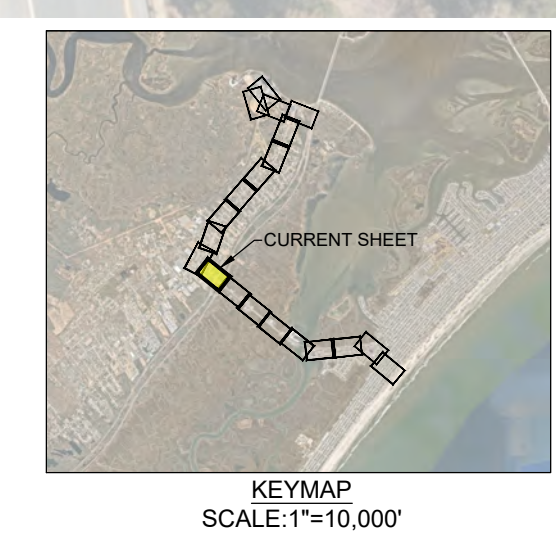
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING HERETO. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	detailed
7/20/22	APG
designed	checked
JMS	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

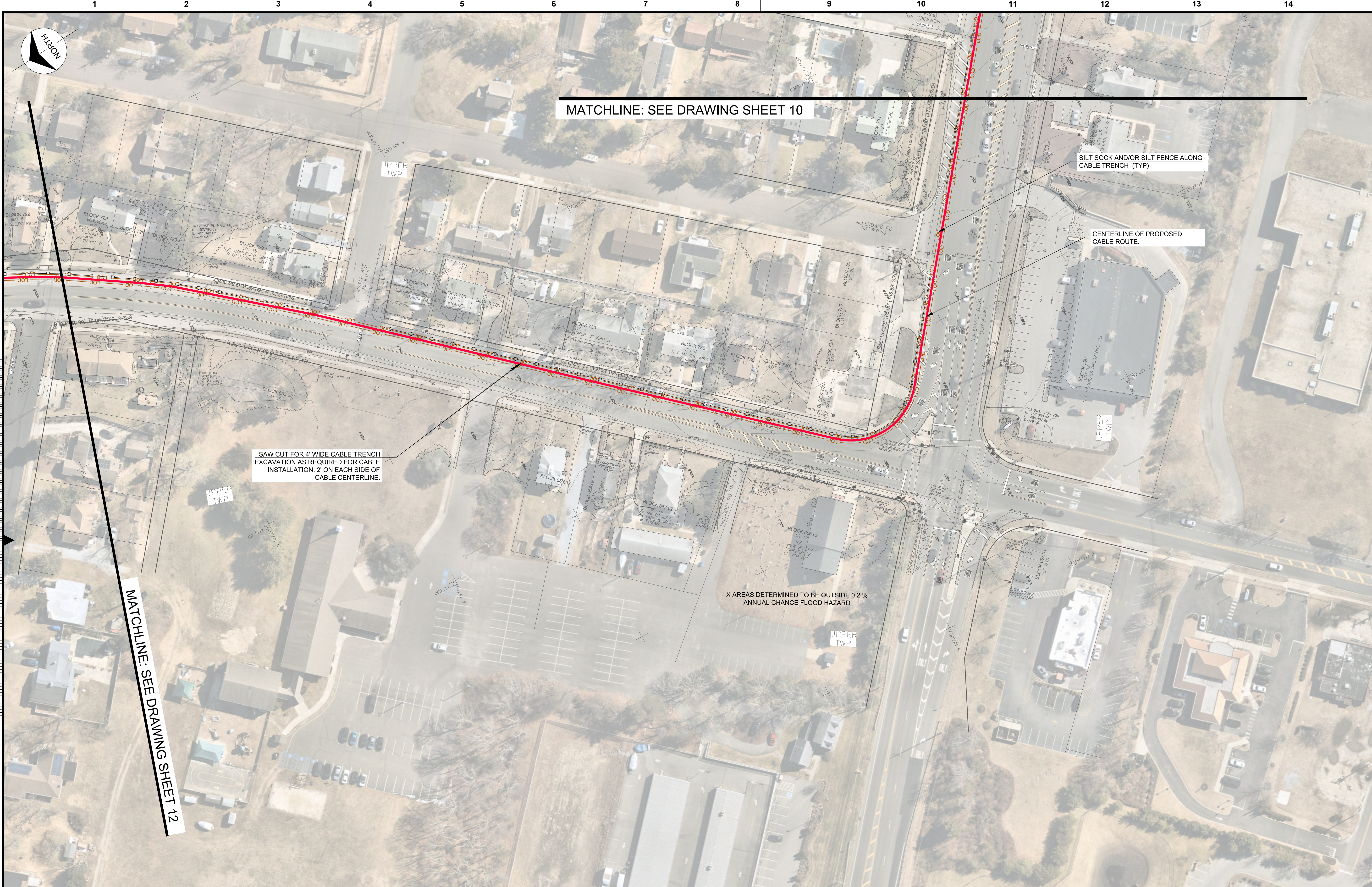
OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026	rev.	
drawing	OL-BLE010		3
sheet	10	of 24	sheets
DERECO # 07741007			



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E.
No. GE42269
LICENSED PROFESSIONAL ENGINEER



MATCHLINE: SEE DRAWING SHEET 10

SILT SOCK AND/OR SILT FENCE ALONG CABLE TRENCH (TYP)

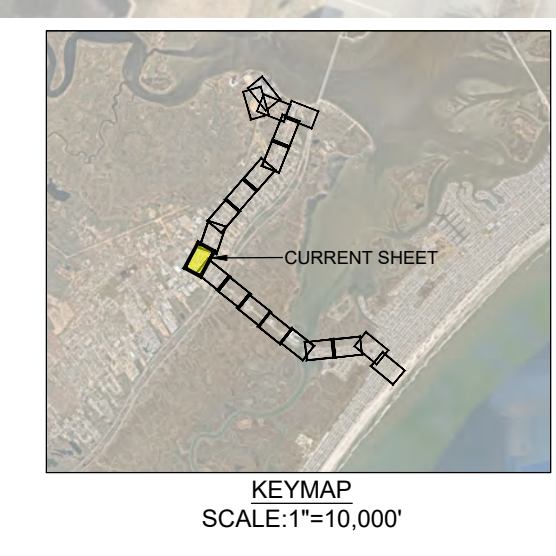
CENTERLINE OF PROPOSED CABLE ROUTE.

SAW CUT FOR 4" WIDE CABLE TRENCH EXCAVATION AS REQUIRED FOR CABLE INSTALLATION. 2' ON EACH SIDE OF CABLE CENTERLINE.

X AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOOD HAZARD

MATCHLINE: SEE DRAWING SHEET 12

LEGEND	
	PROPOSED EXPORT CABLE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING
 No. GE42269
 LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSK/LH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/15/22	AG	JSK/LH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/LH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	1/05/2023	AG	JSK/LH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999999798
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2.73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (856) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON SITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO D CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
 An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC
 87 HIBERNIA AVENUE
 ROCKAWAY, N.J. 07866
 PHONE: (973) 299-5200
 FAX: (973) 299-5059
 www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATING AGENCIES. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED, OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

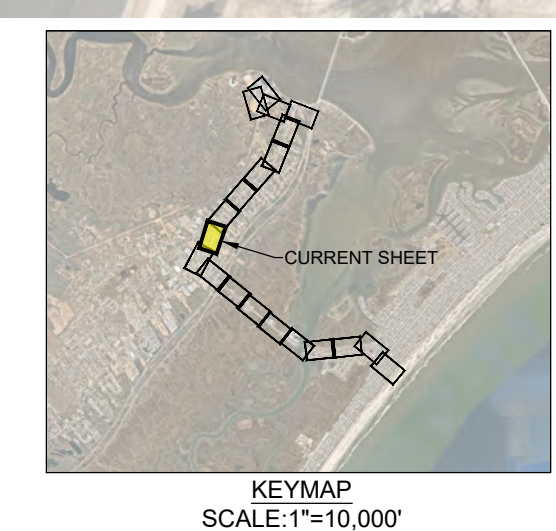
NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
 UPPER TOWNSHIP
 CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026	rev.	3
drawing	OL-BLE011	sheet	11 of 24 sheets
DERECO # 07741007			



LEGEND	
	PROPOSED EXPORT CABLE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	INLET FILTER PROTECTION
	MANHOLE



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSK/JH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSK/JH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/JH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSK/JH	UPDATED ROUTE AND STATION AND REVISED FOR PERMIT REVIEW AND APPROVALS

- NOTES:
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48:2-73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKING OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREA AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 774-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO COOPERATION.

- REFERENCES:
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING TO THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

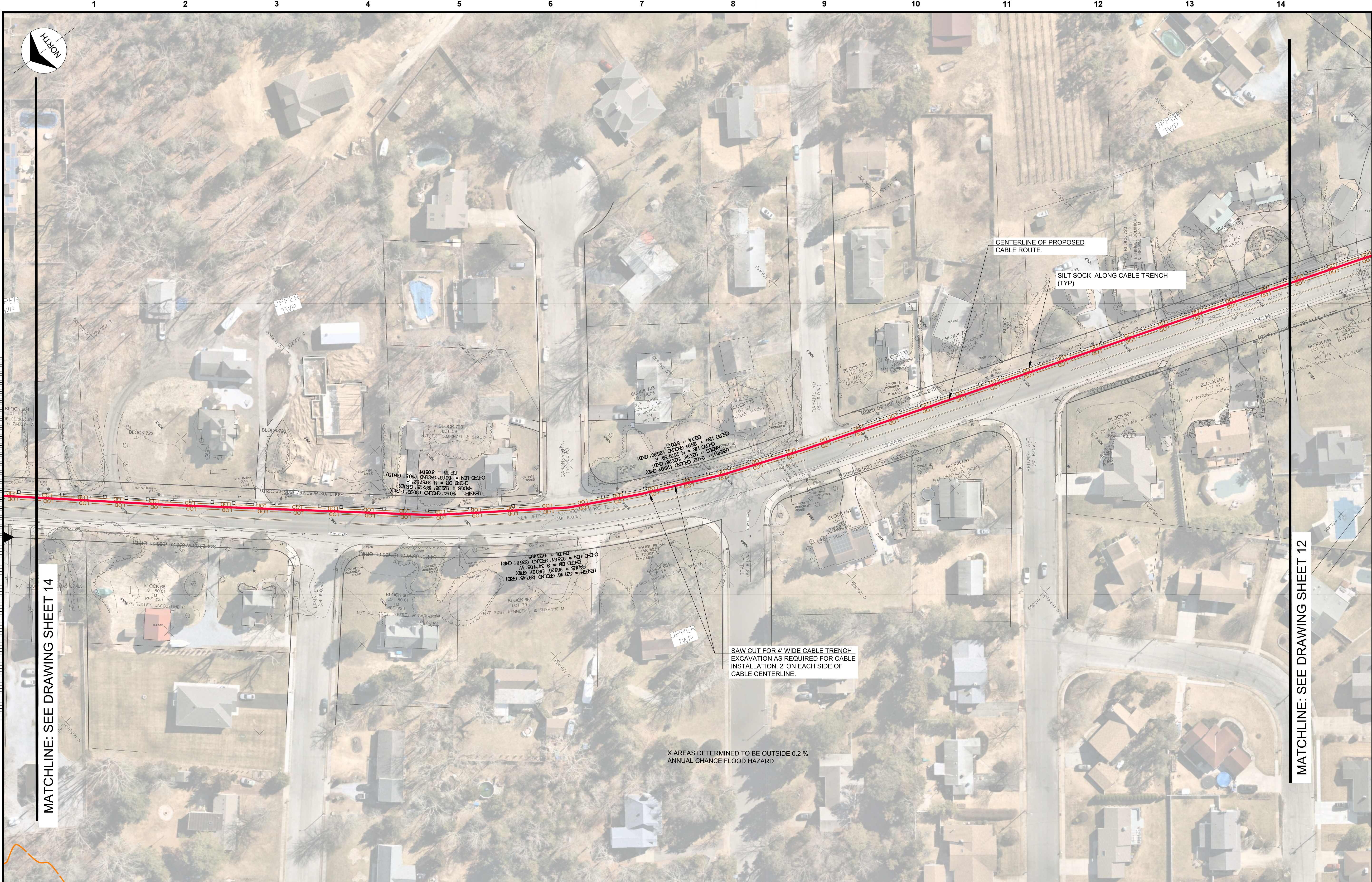
NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project P-21-03-026

drawing **OL-BLE012** - rev. **3**

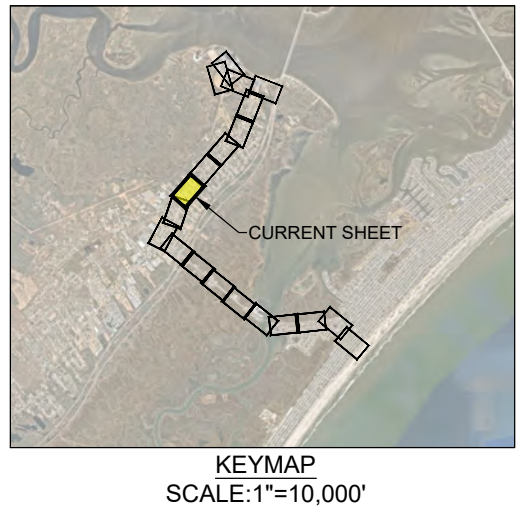
sheet 12 of 24 sheets
DERECO # 07741007



MATCHLINE: SEE DRAWING SHEET 14

MATCHLINE: SEE DRAWING SHEET 12

LEGEND	
	PROPOSED EXPORT CABLE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/19/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD-83 (2011) VERTICAL DATUM = NAVD-88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999987978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2.73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON SITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, 2019 AND RE-APPROVED BY HDR ENGINEERING, INC. AND PROFESSIONAL LAND SURVEYOR GEOC CORPORATION.

- REFERENCES:
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL



N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200
E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

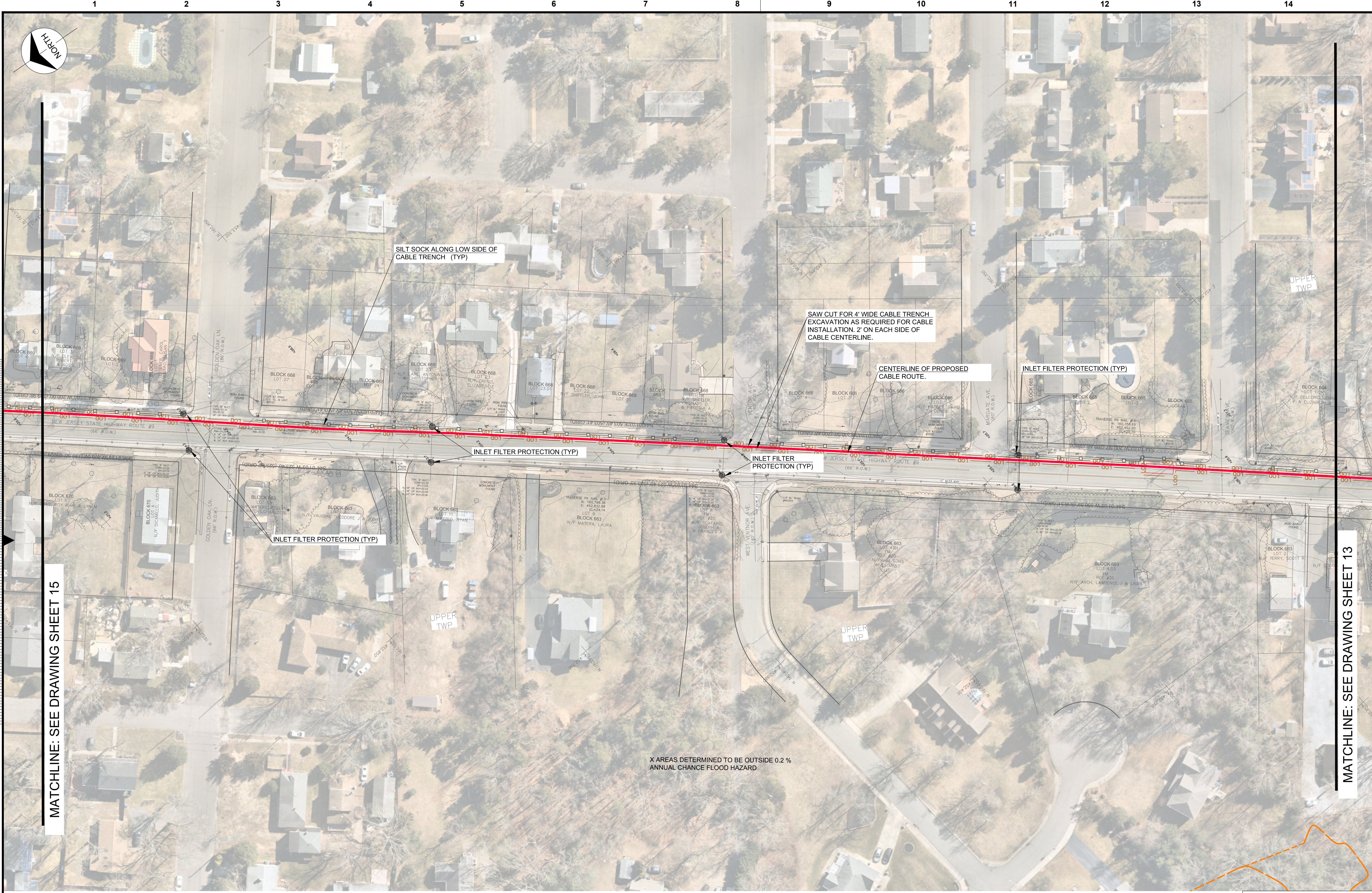
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING THEREUNTO. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026	rev.	
drawing	OL-BLE013		3
sheet	13	of 24	sheets
DERECO # 07741007			



MATCHLINE: SEE DRAWING SHEET 15

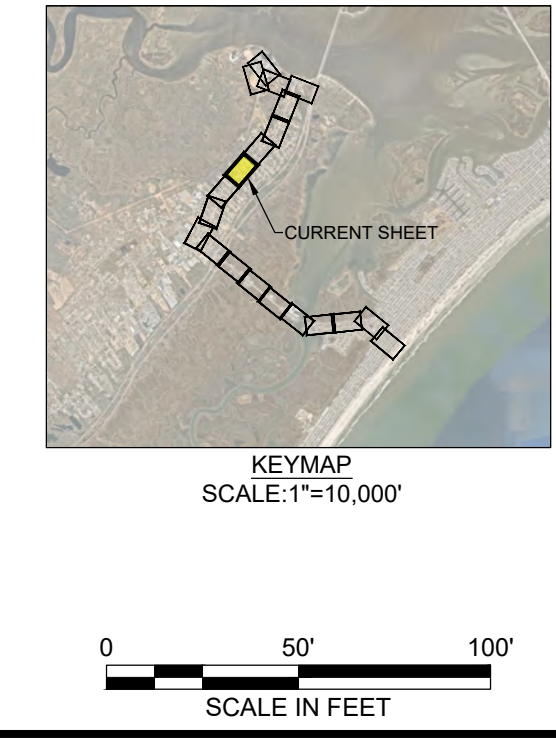
MATCHLINE: SEE DRAWING SHEET 13

Scale for Microfilming

Inches

Millimeters

LEGEND	
	PROPOSED EXPORT CABLE
	FEMA LINE AND DESIGNATION
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	INLET FILTER PROTECTION
	MANHOLE



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/15/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD 83 (2011) VERTICAL DATUM = NAVD 88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEC. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEC.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2.73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREAS THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN A FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 77-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL DESIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 18, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO CORPORATION.

- REFERENCES:
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING HERETO. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project P-21-03-026

drawing **OL-BLE014** - rev. **3**

sheet 14 of 24 sheets
DERECO # 07741007

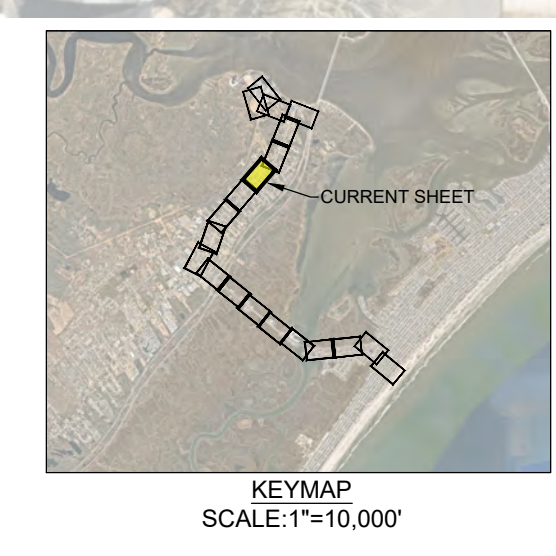


MATCHLINE SEE DRAWING SHEET 119

MATCHLINE: SEE DRAWING SHEET 14

X AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOOD HAZARD

LEGEND	
	PROPOSED EXPORT CABLE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	MANHOLE



no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND APPROVED FOR PERMIT REVIEW AND APPROVAL

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD 83 (2011) VERTICAL DATUM = NAVD 88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999897978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7-1.1 ET. SEC. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEC.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2-73 ET. SEC. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 77-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2019, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

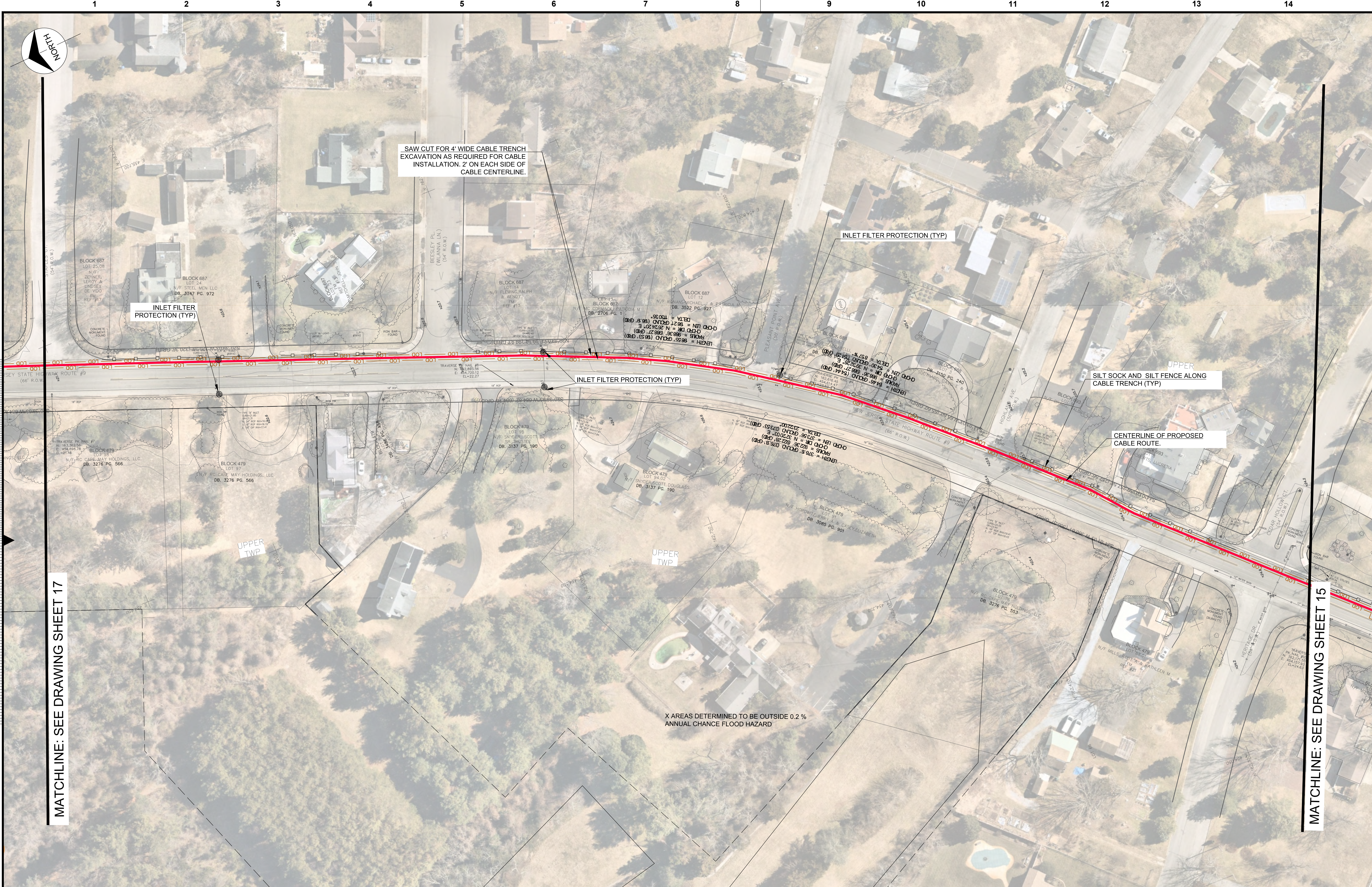
project P-21-03-026

drawing **OL-BLE015** - rev. **3**

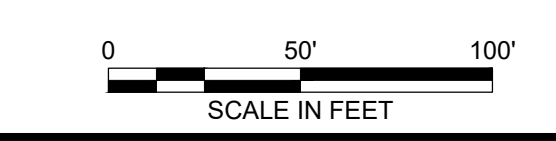
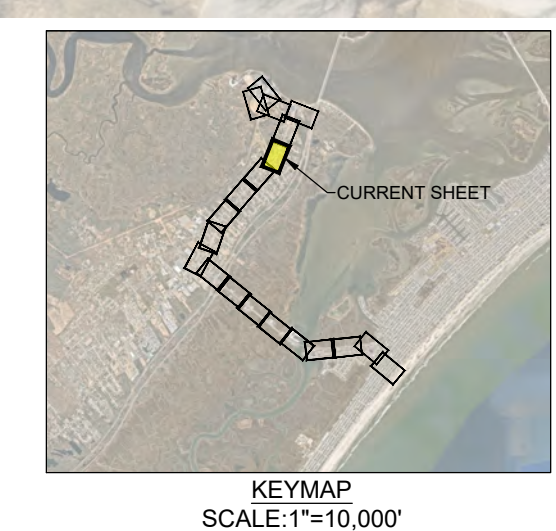
sheet 15 of 24 sheets
DERECO # 07741007

I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER



LEGEND	
	PROPOSED EXPORT CABLE
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	INLET FILTER PROTECTION



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING
No. GE42269
LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSK/LH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSK/LH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/LH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSK/LH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD-83 (2011). VERTICAL DATUM = NAVD-83. UNITS = U.S. FOOT. PROJECT COMBINED GRID SCALE FACTOR = 0.999987978.
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-11 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT NJAC 7:7A-1.1 ET. SEC. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:15-1.1 ET. SEC.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 8:2-73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2018, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEOG CORPORATION.

- REFERENCES:
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

E2PM

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING THEREUNDER. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project
P-21-03-026

drawing
OL-BLE016 — rev. **3**

sheet 16 of 24 sheets
DERECO # 07741007

MATCHLINE: SEE DRAWING SHEET 17

MATCHLINE: SEE DRAWING SHEET 15

X AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOOD HAZARD

SAW CUT FOR 4" WIDE CABLE TRENCH EXCAVATION AS REQUIRED FOR CABLE INSTALLATION. 2" ON EACH SIDE OF CABLE CENTERLINE.

INLET FILTER PROTECTION (TYP)

INLET FILTER PROTECTION (TYP)

INLET FILTER PROTECTION (TYP)

SILT SOCK AND SILT FENCE ALONG CABLE TRENCH (TYP)

CENTERLINE OF PROPOSED CABLE ROUTE.

Scale For Microfilming
Inches
Millimeters

1 2 3 4 5 6 7 8 9 10 11 12 13 14

A

B

C

D

E

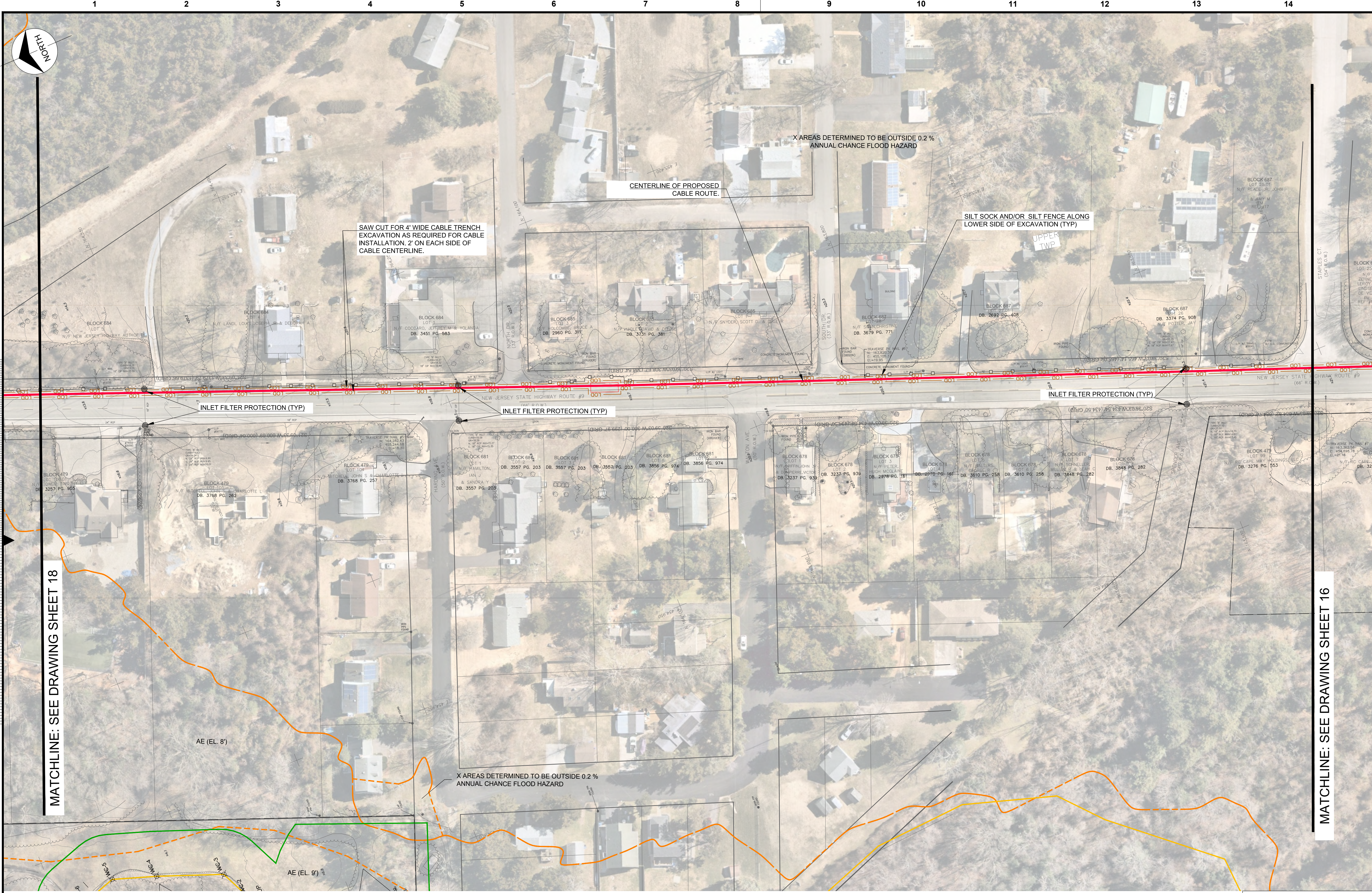
F

G

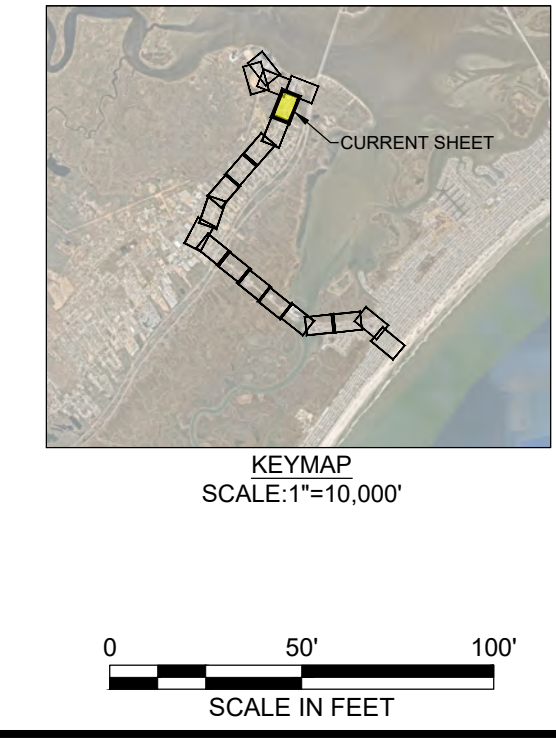
H

I

J



LEGEND	
	PROPOSED EXPORT CABLE
	FEMA LINE AND DESIGNATION
	LIMIT OF DELINEATED WETLAND
	WETLAND TRANSITION
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	DELINEATED WETLAND
	INLET FILTER PROTECTION
	MANHOLE



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSK/HL	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/19/22	AG	JSK/HL	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/HL	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	1/05/2023	AG	JSK/HL	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD-83 (2011) VERTICAL DATUM = NAVD-88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999987978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADDITIONAL TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2.3 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON SITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2018, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO D CORPORATION.

- REFERENCES:
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

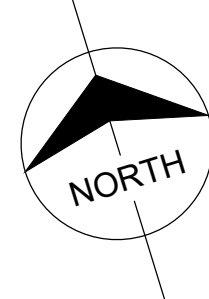
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING THERETO. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	designed	checked	detailed
7/20/22	JMS	KLH/JMS	APG

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

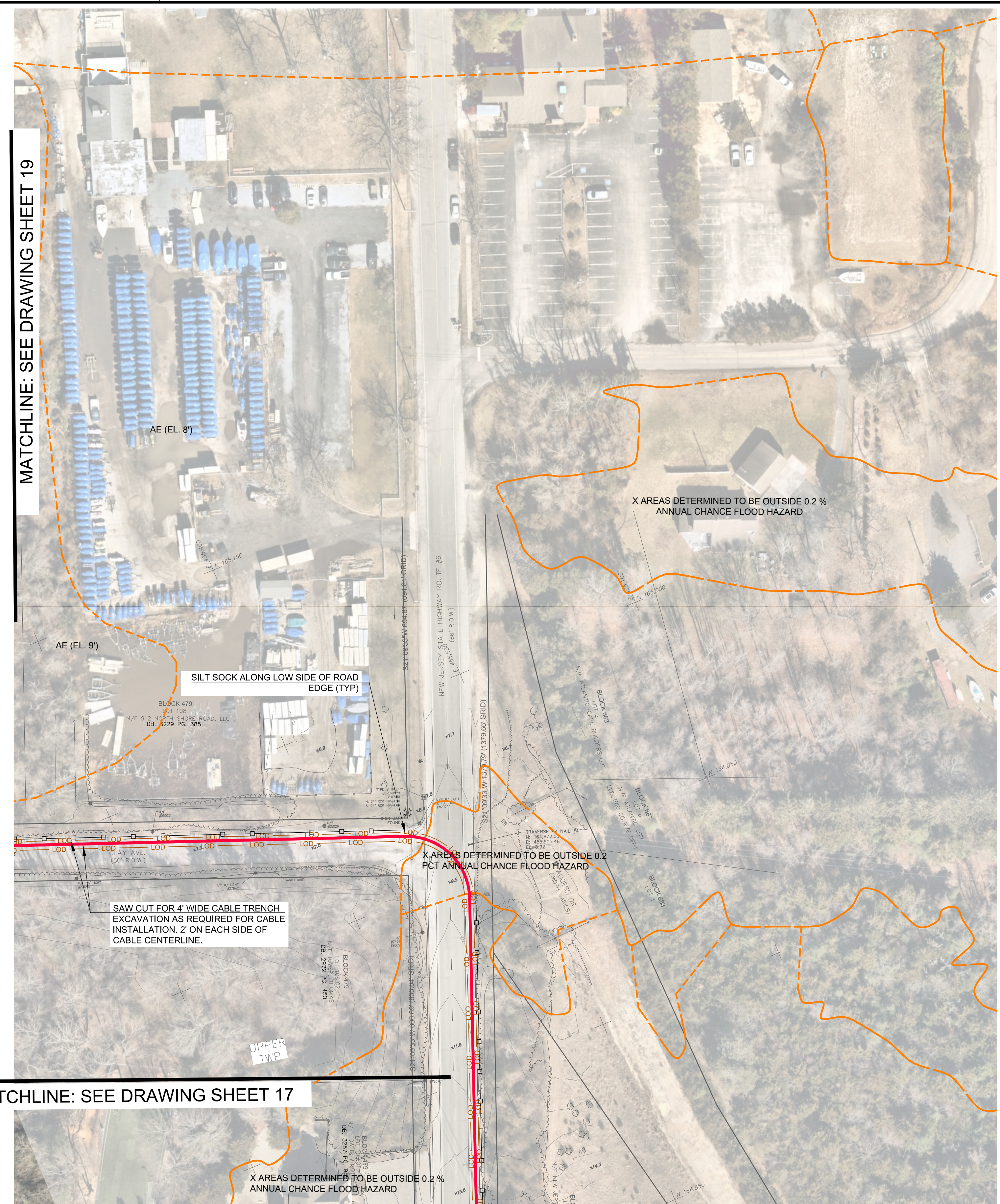
project P-21-03-026
drawing **OL-BLE017** - rev. **3**
sheet 17 of 24 sheets
DERECO # 07741007



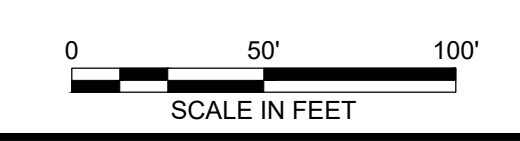
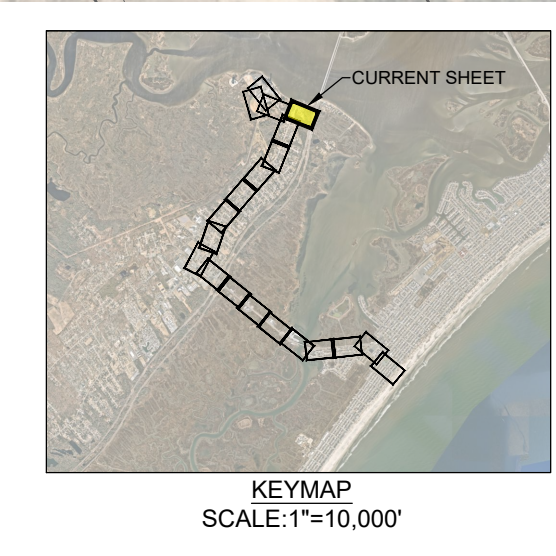
Millimeters
Scale for Microfilming
Inches

MATCHLINE: SEE DRAWING SHEET 19

MATCHLINE: SEE DRAWING SHEET 17



LEGEND	
	PROPOSED EXPORT CABLE
	FEMA LINE AND DESIGNATION
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
 LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/15/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	1/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD-83 (2011) VERTICAL DATUM = NAVD83 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999897978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-11 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT NJAC 7:7A-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:15-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2-73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF OCEAN WIND LLC, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15, AND 16, 2018, AND MARCH 21, 2022, AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEOD CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC
87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

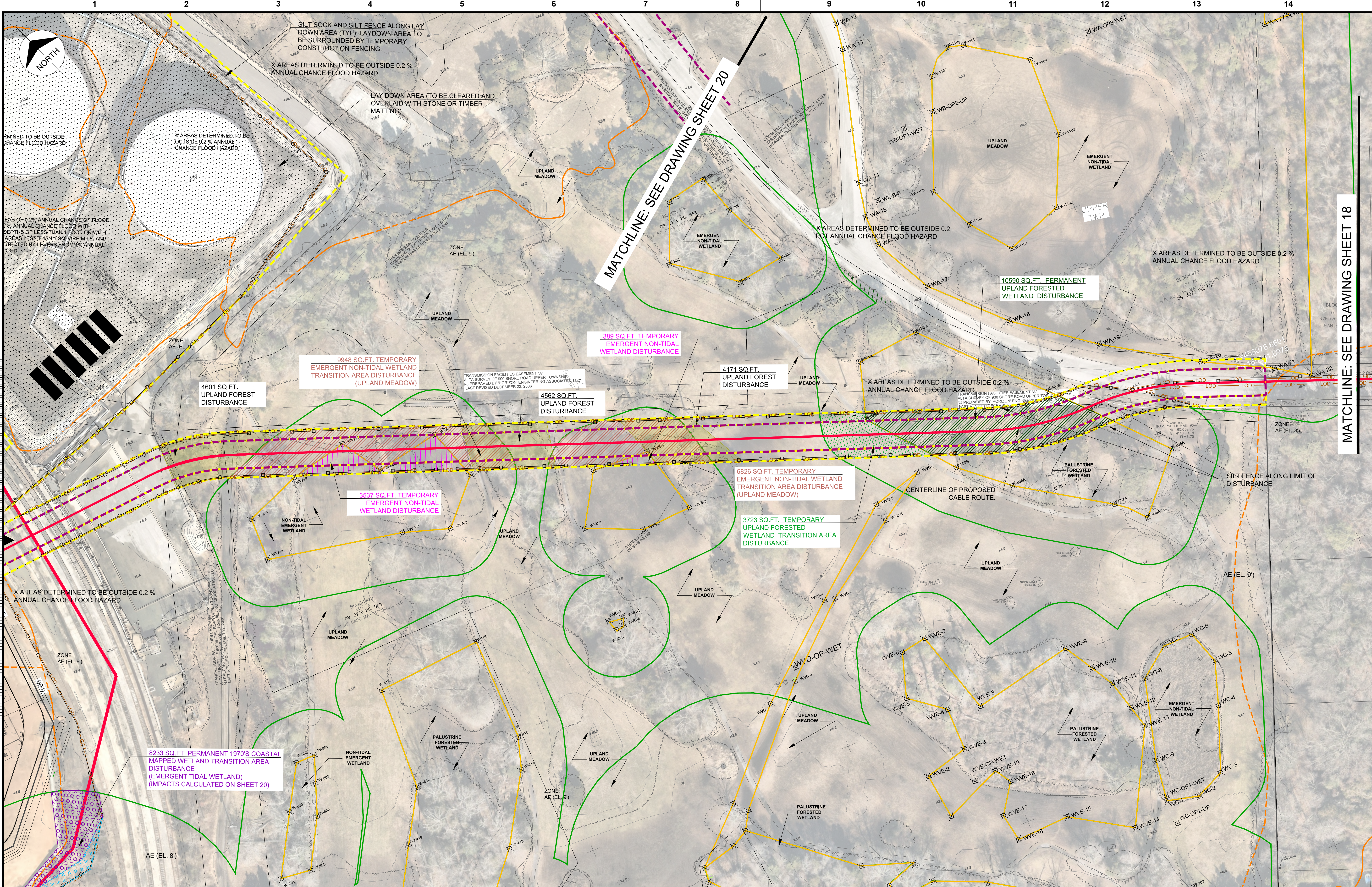
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREBY APPLICABLE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	designed	checked	detailed
7/20/22	JMS	KLH/JMS	APG

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

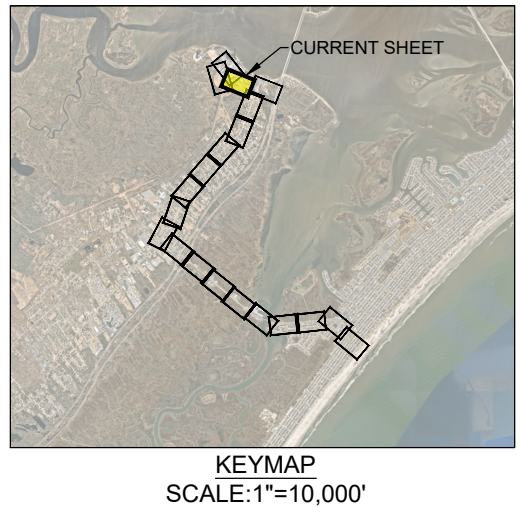
project	P-21-03-026	rev.	
drawing	OL-BLE018		3
sheet	18	of 24	sheets
DERECO # 07741007			



LEGEND			
	PROPOSED EXPORT CABLE		LAYDOWN AREA (TO BE CLEARED AND OVERLAIN WITH STONE OR TIMBER MATTING)
	TEMPORARY CONSTRUCTION EASEMENT LINE		PERMANENT UPLAND FORESTED WETLANDS TRANSITION AREA DISTURBANCE
	PERMANENT UTILITY EASEMENT LINE		UPLAND FOREST
	FEMA LINE AND DESIGNATION		TEMPORARY UPLAND MEADOW WETLANDS TRANSITION AREA DISTURBANCE
	LIMIT OF DELINEATED WETLAND		TEMPORARY FORESTED WETLAND TRANSITION AREA DISTURBANCE
	WETLAND TRANSITION AREA		
	LIMIT OF DISTURBANCE		
	SILT FENCE/SILT SOCK		
	DELINEATED WETLAND		

NJDEP DIVISION OF LAND RESOURCE PROTECTION JURISDICTIONAL RESOURCE IMPACT TABLE				
	FORESTED	MAINTAINED ROADSIDE/EMERGENT NON-TIDAL DRAINAGE SWALE	UPLAND MEADOW	TOTAL
FRESHWATER WETLANDS				
PERMANENT	10590 SQ.FT. 0.243 ACRES			10590 SQ.FT. 0.243 ACRES
TEMPORARY		3926 SQ.FT. 0.090 ACRES		3926 SQ.FT. 0.090 ACRES
FRESHWATER WETLANDS TRANSITION AREA				
PERMANENT			16774 SQ.FT. 0.385 ACRES	16774 SQ.FT. 0.385 ACRES
TEMPORARY	3723 SQ.FT. 0.085 ACRES			3723 SQ.FT. 0.085 ACRES

TREES AND SCRUB-SHRUB VEGETATION CLEARING IMPACT TABLE			
	FORESTED	SCRUB SHRUB	TOTAL
WOODY VEGETATION CLEARING			
GROSS AREAS	13334 SQ.FT. 0.306 ACRES	13334 SQ.FT. 0.306 ACRES	26668 SQ.FT. 0.612 ACRES



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
LICENSED PROFESSIONAL ENGINEER

no.	date	by	ckd	description
0	7/20/22	AG	JSK/H	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSK/H	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/H	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSK/H	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999987978
- PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7-1.1 ET. SEC. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEC.
- ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
- UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-273 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
- TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF PSEG, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
- THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 774-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
- THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
- WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15 AND 16, 2019 AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEO CORPORATION.

- REFERENCES:
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC
87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

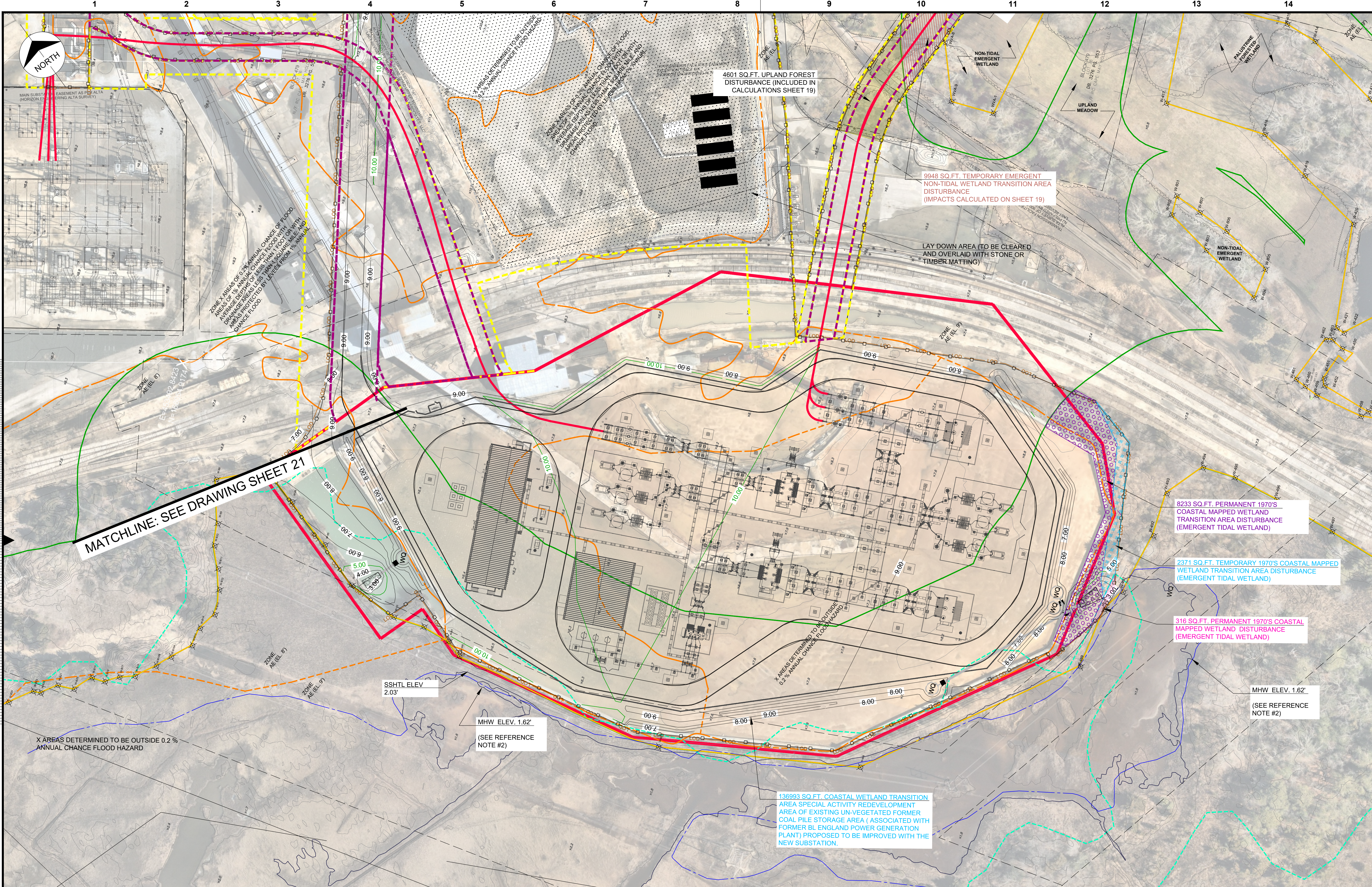
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREBY APPROPRIATE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026	rev.	
drawing	OL-BLE019		3
sheet	19	of	24 sheets
DERECO # 07741007			



no.	date	by	ckd	description
0	7/20/22	AG	JSK/LH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/19/22	AG	JSK/LH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/LH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSK/LH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD 83 (2011) VERTICAL DATUM = NAVD-88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:7-1.1 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:7A-1.1 ET. SEC. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEC.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-273 ET. SEC. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO UNDERGROUND GAS LINES AS REQUIRED PER SAFETY PROTOCOLS. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF PSEG, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN A FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (800) 777-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15 AND 16, 2019 AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR SECD CORPORATION.

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

E2PM

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS PERTAINING THEREUNDER. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project P-21-03-026
drawing **OL-BLE020** rev. **3**
sheet 20 of 24 sheets
DERECO # 07741007

LEGEND

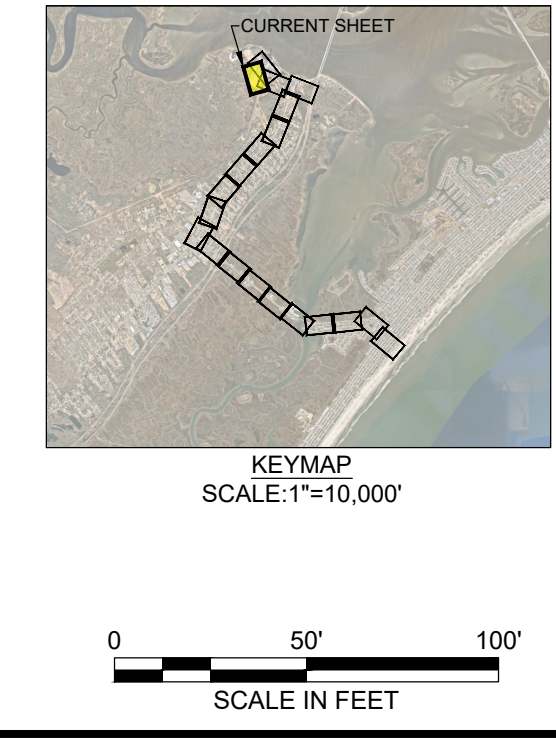
PROPOSED EXPORT CABLE	LIMIT OF DISTURBANCE	PERMANENT 1970'S COASTAL MAPPED WETLAND TRANSITION AREA DISTURBANCE (EMERGENT TIDAL WETLAND)
TEMPORARY CONSTRUCTION EASEMENT LINE	SILT FENCE/SILT SOCK	TEMPORARY EMERGENT TIDAL 1970'S MAPPED COASTAL MAPPED WETLANDS TRANSITION DISTURBANCE
PERMANENT UTILITY EASEMENT LINE	LAYDOWN AREA (TO BE CLEARED AND OVERLAID WITH STONE OR TIMBER MATTING)	TEMPORARY EMERGENT TIDAL 1970'S COASTAL MAPPED WETLANDS DISTURBANCE
FEMA LINE AND DESIGNATION	STABILIZED CONSTRUCTION ENTRANCE	UPLAND MEADOW EARLY-SUCCESSIONAL FOREST
LIMIT OF DELINEATED WETLAND	TEMPORARY EMERGENT NON-TIDAL WETLAND TRANSITION AREA DISTURBANCE	
WETLAND TRANSITION AREA	PERMANENT 1970'S COASTAL MAPPED WETLAND AREA DISTURBANCE (EMERGENT TIDAL WETLAND)	
1970'S MAPPED COASTAL WETLAND		
DELINEATED WETLAND		

NJDEP DIVISION OF LAND RESOURCE PROTECTION JURISDICTIONAL RESOURCE IMPACT TABLE

	EMERGENT TIDAL	EMERGENT NON-TIDAL	DRAINAGE SWALE	UPLAND MEADOW	TOTAL
COASTAL WETLANDS					
PERMANENT	316 SQ.FT.	0.002 ACRES			316 SQ.FT.
TEMPORARY					
COASTAL WETLANDS TRANSITION AREA					
PERMANENT	8233 SQ.FT.	0.189 ACRES			8233 SQ.FT.
TEMPORARY	2373 SQ.FT.	0.054 ACRES			2373 SQ.FT.

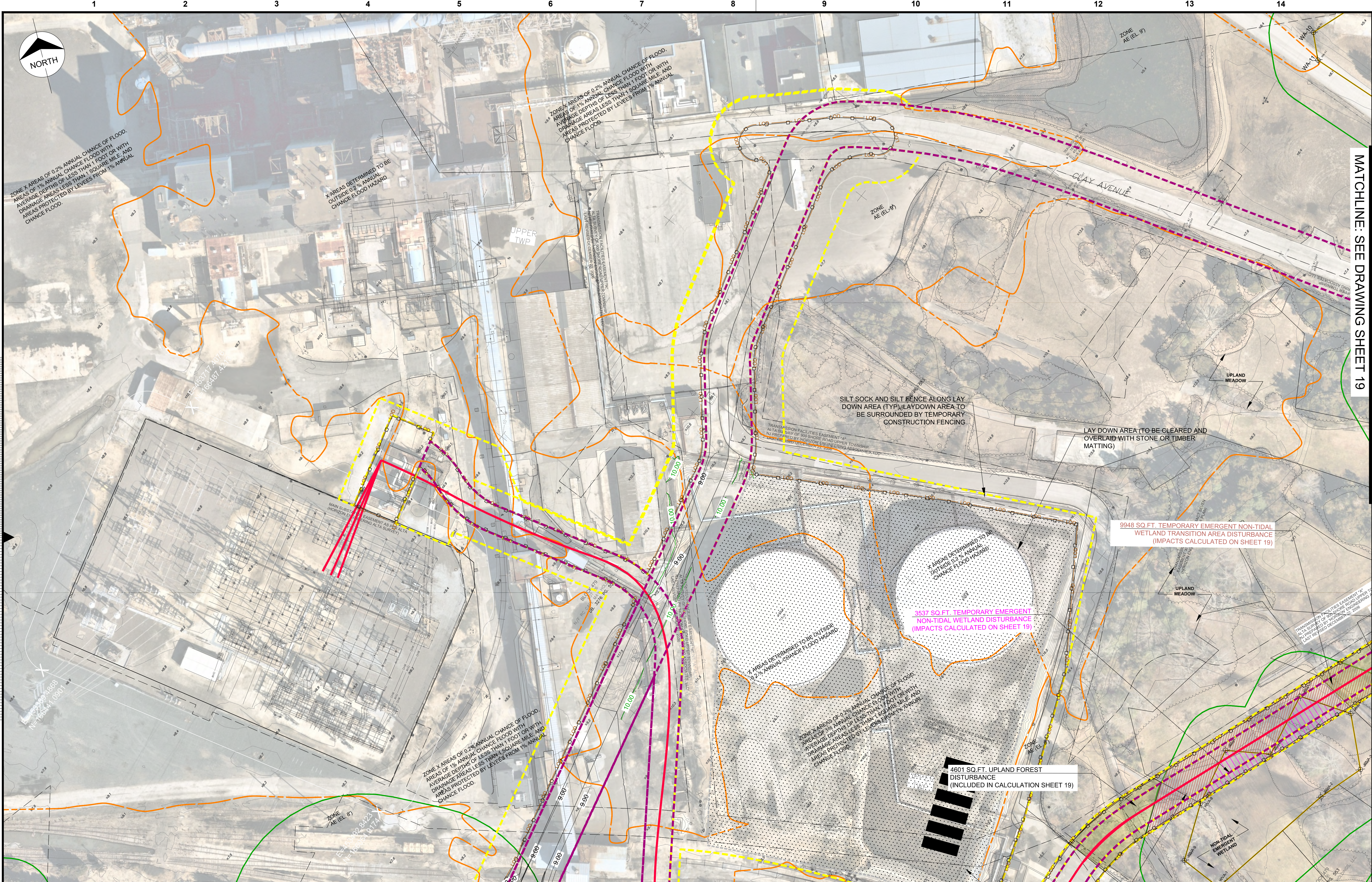
NOTE:

- 136993 SQ.FT. OR 3.145 ACRES OF COASTAL WETLANDS TRANSITION AREA SPECIAL ACTIVITY REDEVELOPMENT AREA OF EXISTING UN-VEGETATED FORMER COAL PILE STORAGE AREA (ASSOCIATED WITH FORMER BL ENGLAND POWER GENERATION PLANT) IS PROPOSED TO BE IMPROVED WITH THE NEW SUBSTATION.

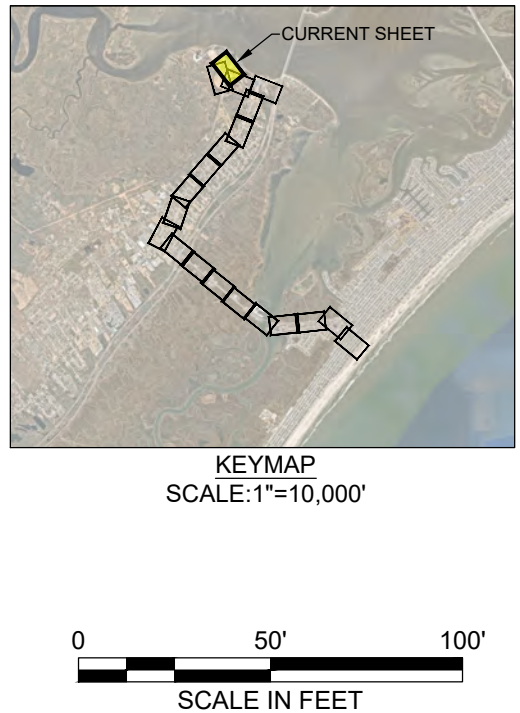


I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E.
No. GE42269
LICENSED PROFESSIONAL ENGINEER



LEGEND	
	PROPOSED EXPORT CABLE
	TEMPORARY CONSTRUCTION EASEMENT LINE
	PERMANENT UTILITY EASEMENT LINE
	FEMA LINE AND DESIGNATION
	LIMIT OF DELINEATED WETLAND
	WETLAND TRANSITION AREA
	LIMIT OF DISTURBANCE
	SILT FENCE/SILT SOCK
	DELINEATED WETLAND
	LAYDOWN AREA (TO BE CLEARED AND OVERLAID WITH STONE OR TIMBER MATTING)
	STABILIZED CONSTRUCTION ENTRANCE
	TEMPORARY EMERGENT NON-TIDAL WETLAND AREA DISTURBANCE
	PERMANENT EMERGENT NON-TIDAL WETLAND DISTURBANCE
	UPLAND MEADOW EARLY-SUCCESSIONAL FOREST



I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING
No. GE42269
LICENSED PROFESSIONAL ENGINEER

SCALE IN FEET

MATCHLINE: SEE DRAWING SHEET 19

no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-DESIGNED FOR PERMIT REVIEW AND APPROVAL

- NOTES:**
- MAPPING IS BASED ON THE NJ STATE PLANE COORDINATE SYSTEM. HORIZONTAL DATUM = NAD83 (2011) VERTICAL DATUM = NAVD88 UNITS = U.S. FOOT PROJECT COMBINED GRID SCALE FACTOR = 0.999997978
 - PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH NEW JERSEY COASTAL ZONE MANAGEMENT RULES AT N.J.A.C. 7:27-11 AND NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT RULES AT N.J.A.C. 7:27-1.1 ET. SEQ. AND NEW JERSEY FLOOD HAZARD AREA CONTROL ACT RULES AT N.J.A.C. 7:13-1.1 ET. SEQ.
 - ONLY OCEAN WIND LLC LAND RIGHTS HAVE BEEN SURVEYED. ADJOINING TAX LOT LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
 - UNDERGROUND UTILITY LINES AND EASEMENTS SHOWN ARE APPROXIMATE AND BASED ON RECORD INFORMATION AND/OR ABOVE GROUND MARKER LOCATIONS ONLY. ACCORDING TO N.J.S.A. 48-2-73 ET SEQ. ANYONE PLANNING EXCAVATIONS IN THE AREA MUST CALL 811 FOR A MARKOUT OF THE UNDERGROUND UTILITIES. DO NOT RELY ON THIS PLAN FOR UNDERGROUND UTILITY LOCATIONS.
 - TIMBER MATTING IS PROPOSED TO MINIMIZE DISTURBANCES IN REGULATED AREAS (WETLANDS, TRANSITION AREAS, AND RIPARIAN ZONES) AND TO PROVIDE ADDITIONAL PROTECTION TO ABOVE GROUND MARKER LOCATIONS ONLY. AT THE CONTRACTOR'S DISCRETION, AND WITH THE APPROVAL OF PSEG, GRAVEL OVER FILTER FABRIC MAY BE USED IN LIEU OF TIMBER MATTING FOR TEMPORARY ACCESS ROADS AND WORK PADS LOCATED IN WETLAND TRANSITION AREA THAT ARE NOT THREATENED/ENDANGERED SPECIES HABITAT OR VERNAL HABITAT. GRAVEL OVER FILTER FABRIC IS NOT PERMITTED IN WETLANDS, RIPARIAN ZONES, OR WETLAND TRANSITION AREAS THAT ARE THREATENED/ENDANGERED SPECIES HABITAT OR A VERNAL HABITAT. FOR ADDITIONAL INFORMATION SEE COMPLIANCE STATEMENT INCLUDED IN APPLICATION.
 - THE STATE OF NEW JERSEY HAS DETERMINED THAT A PORTION OF THIS PROJECT LIES IN FLOOD HAZARD AREA AND RIPARIAN ZONE. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS AND RIPARIAN ZONES ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND RESOURCE PROTECTION AT (609) 777-6454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
 - THESE PLANS ARE FOR DESIGN AND PERMITTING PURPOSES ONLY AND NOT INTENDED FOR CONSTRUCTION. FINAL LOCATION OF PROPOSED IMPROVEMENTS WILL BE COORDINATED WITH ENGINEER UPON AWARD OF CONTRACT. THE ORIGINAL SIGNED DOCUMENT WITH A RAISED OR DIGITAL SEAL IS THE DOCUMENT OF RECORD.
 - WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15 AND 16, 2019 AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEOID CORPORATION.

- REFERENCES:**
- IMAGERY PROVIDED BY NEARMAP DATED OCTOBER 2021

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

E2PM

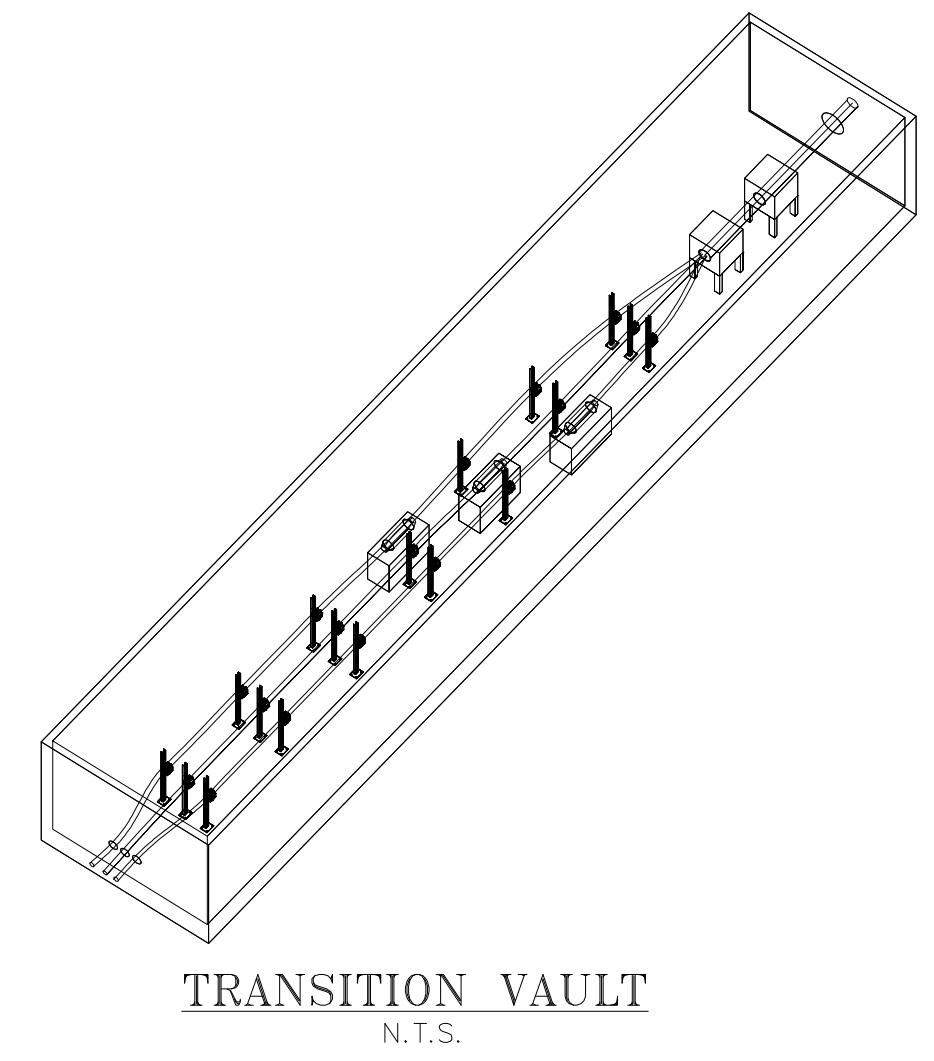
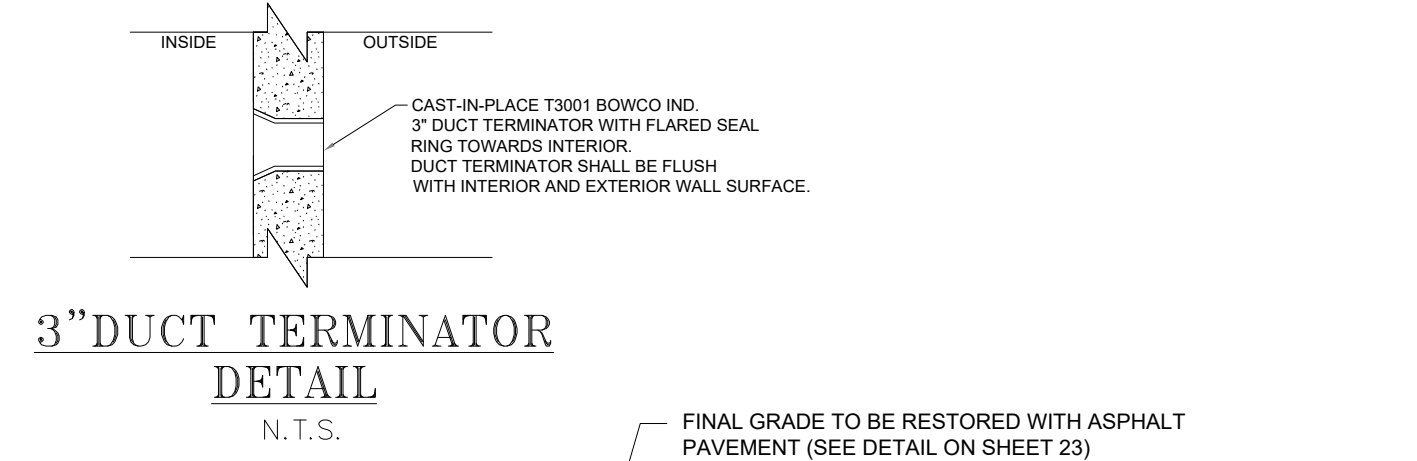
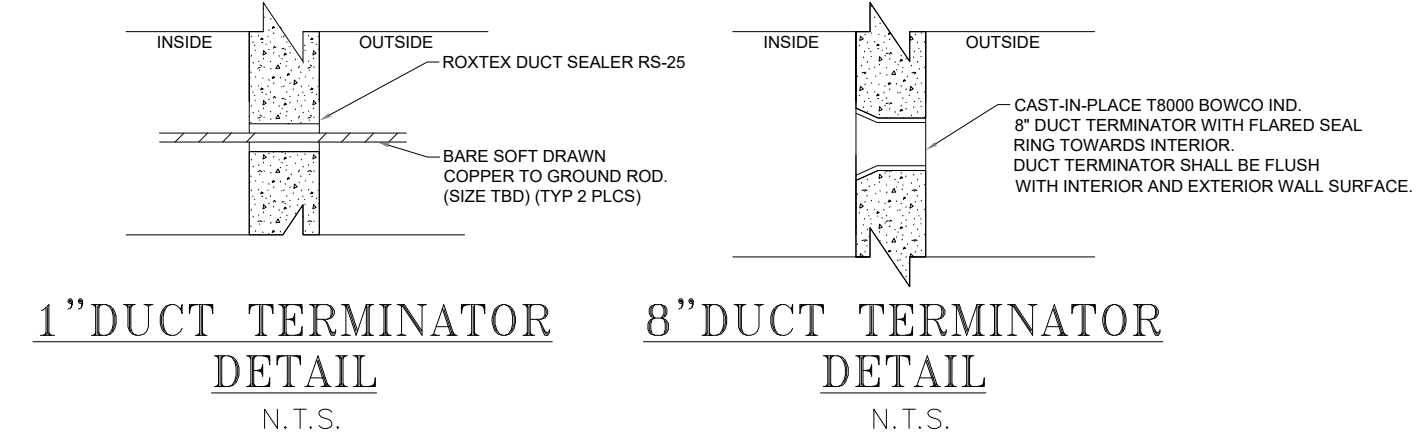
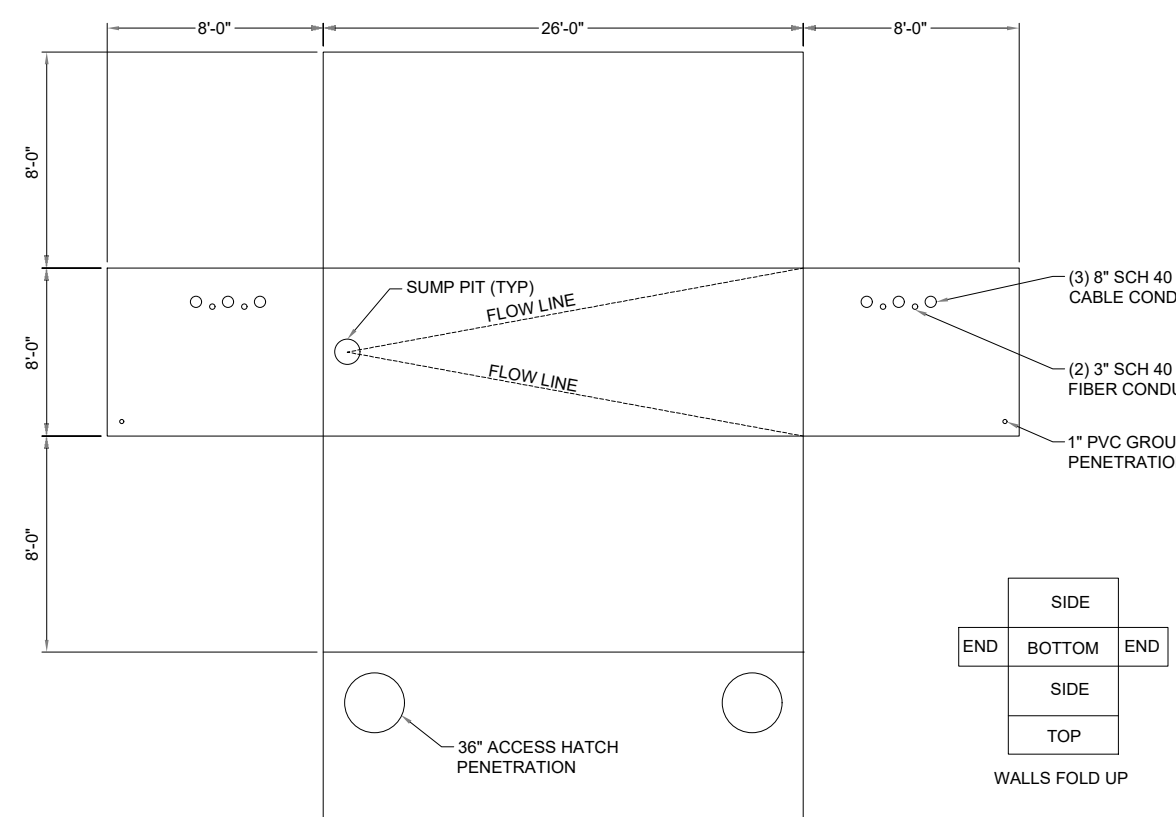
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREUNDER. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	KLH/JMS

NJDEP INDIVIDUAL PERMIT PLAN

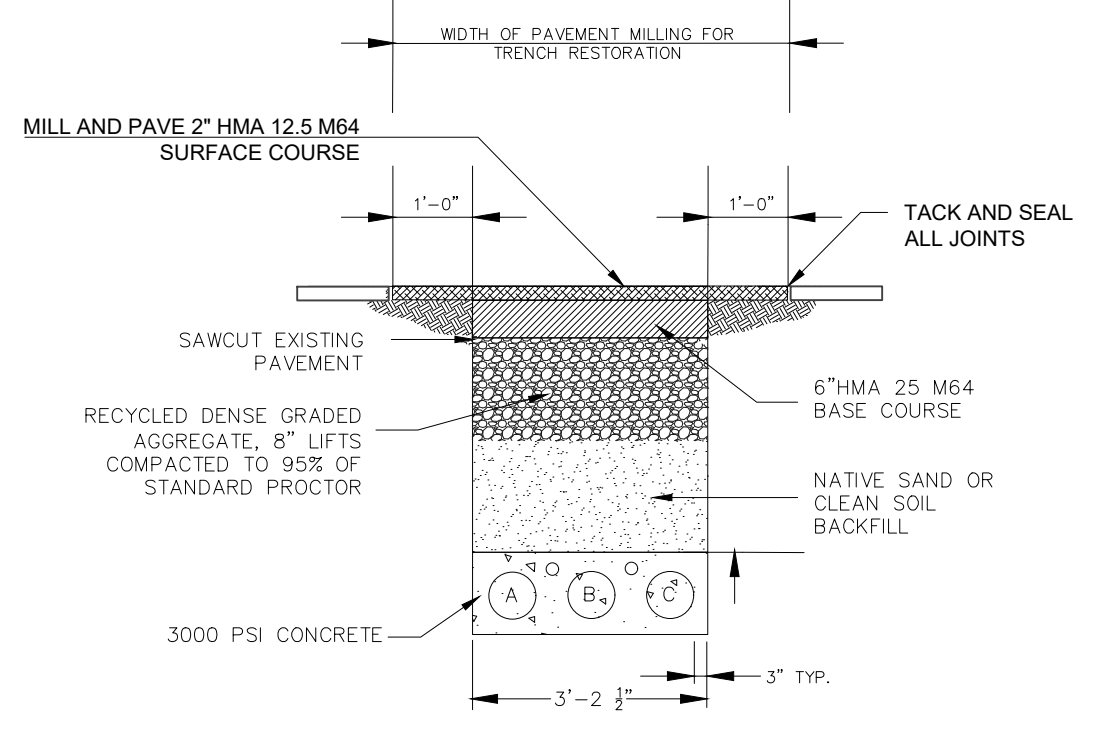
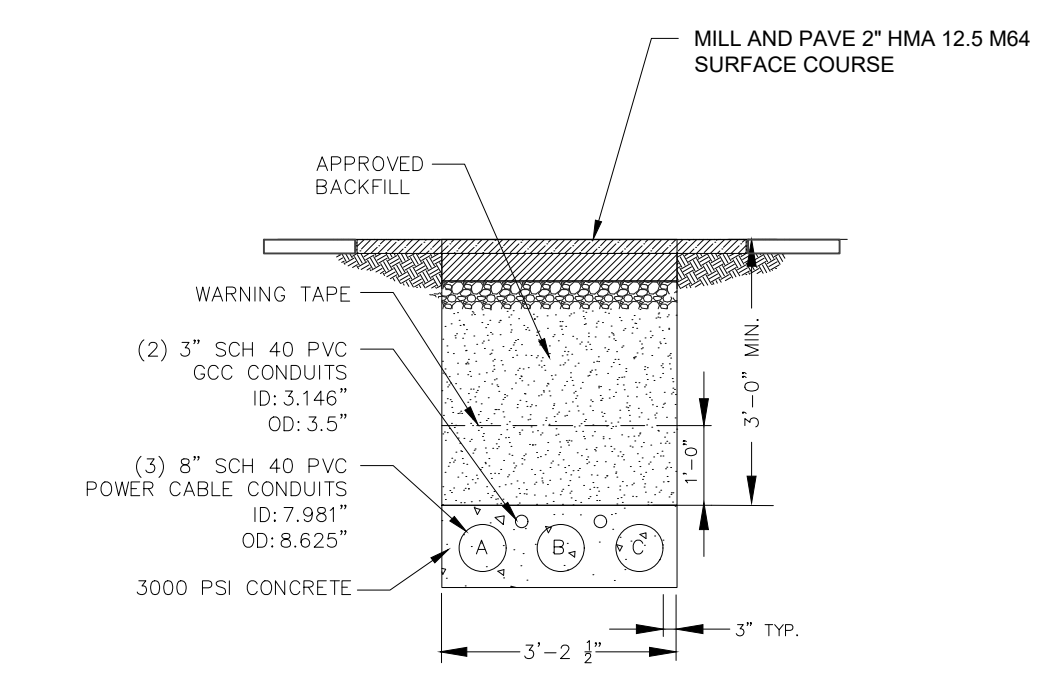
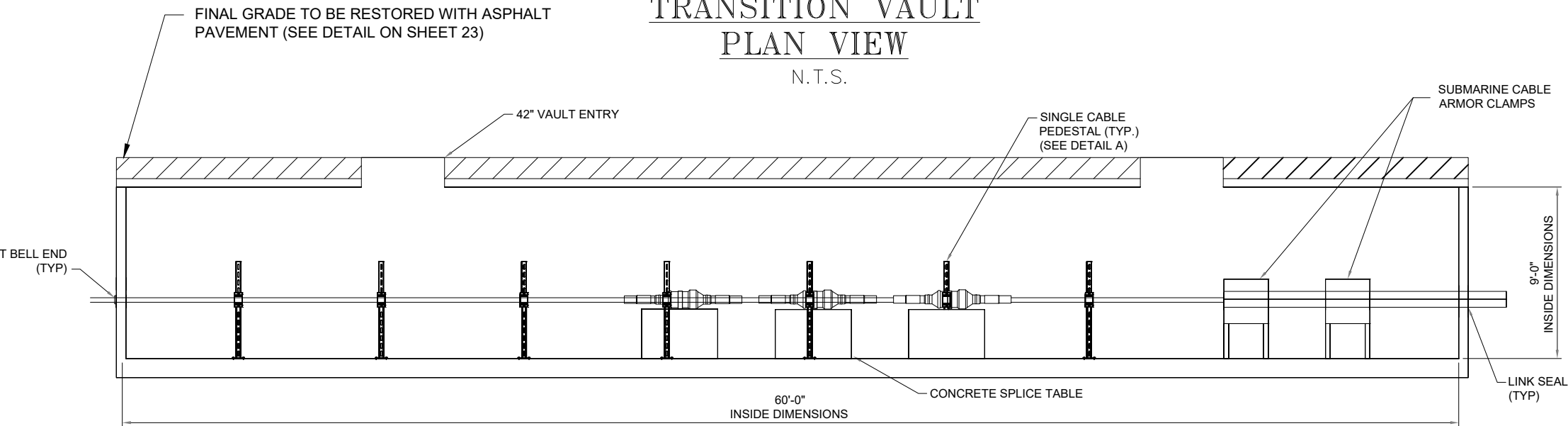
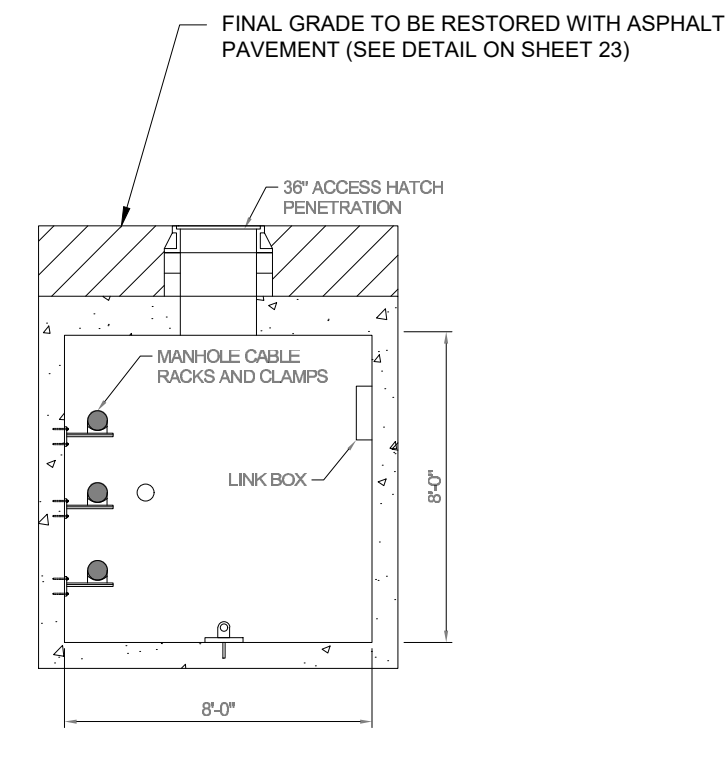
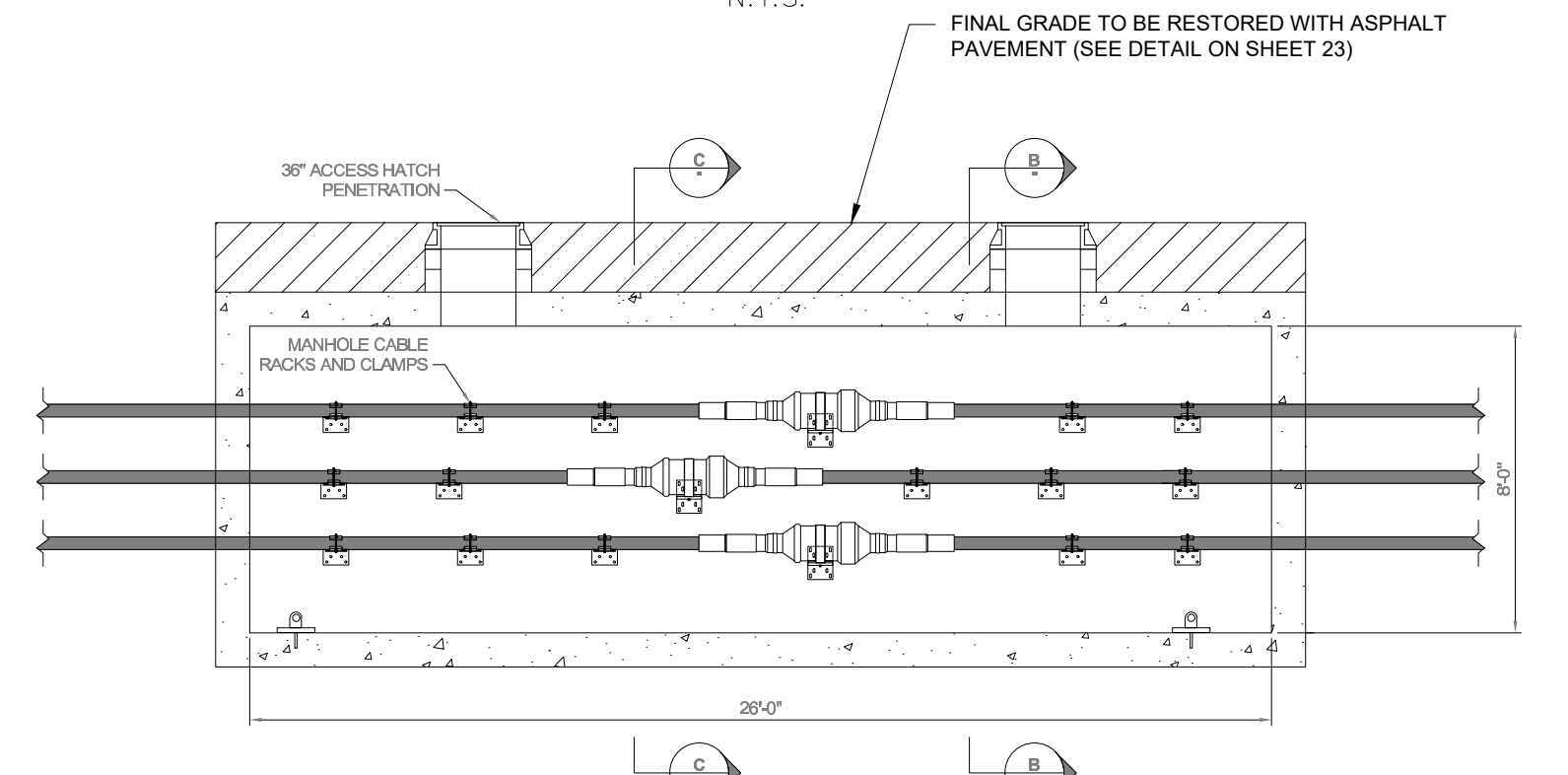
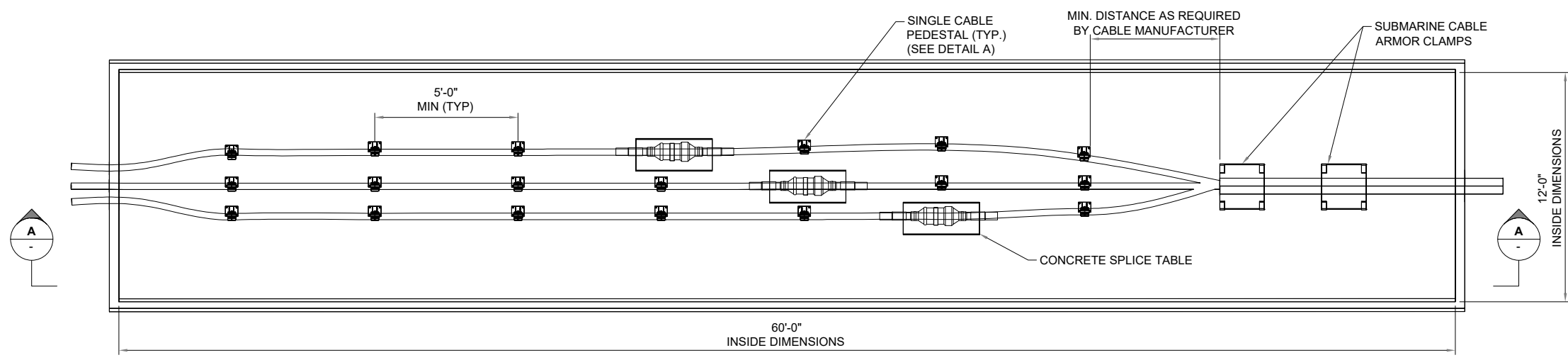
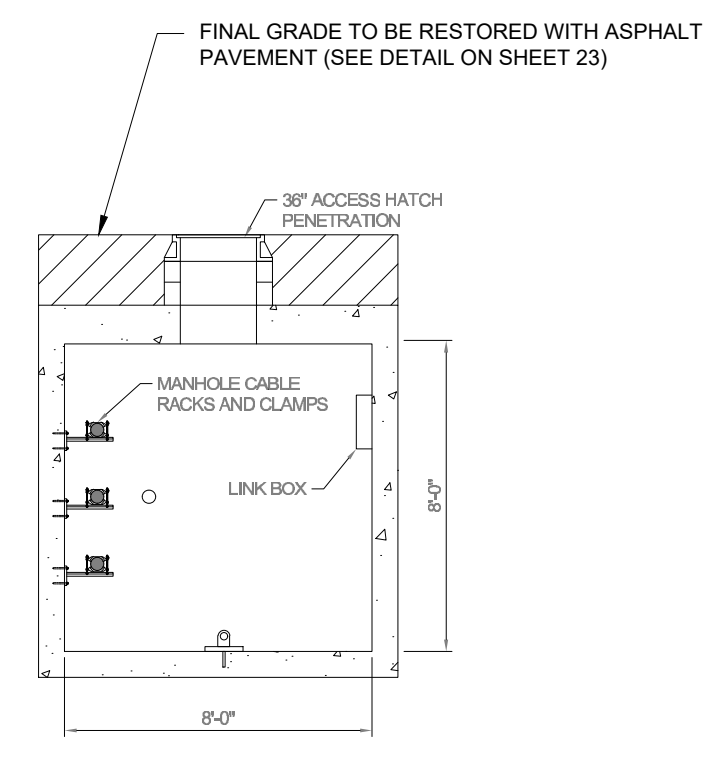
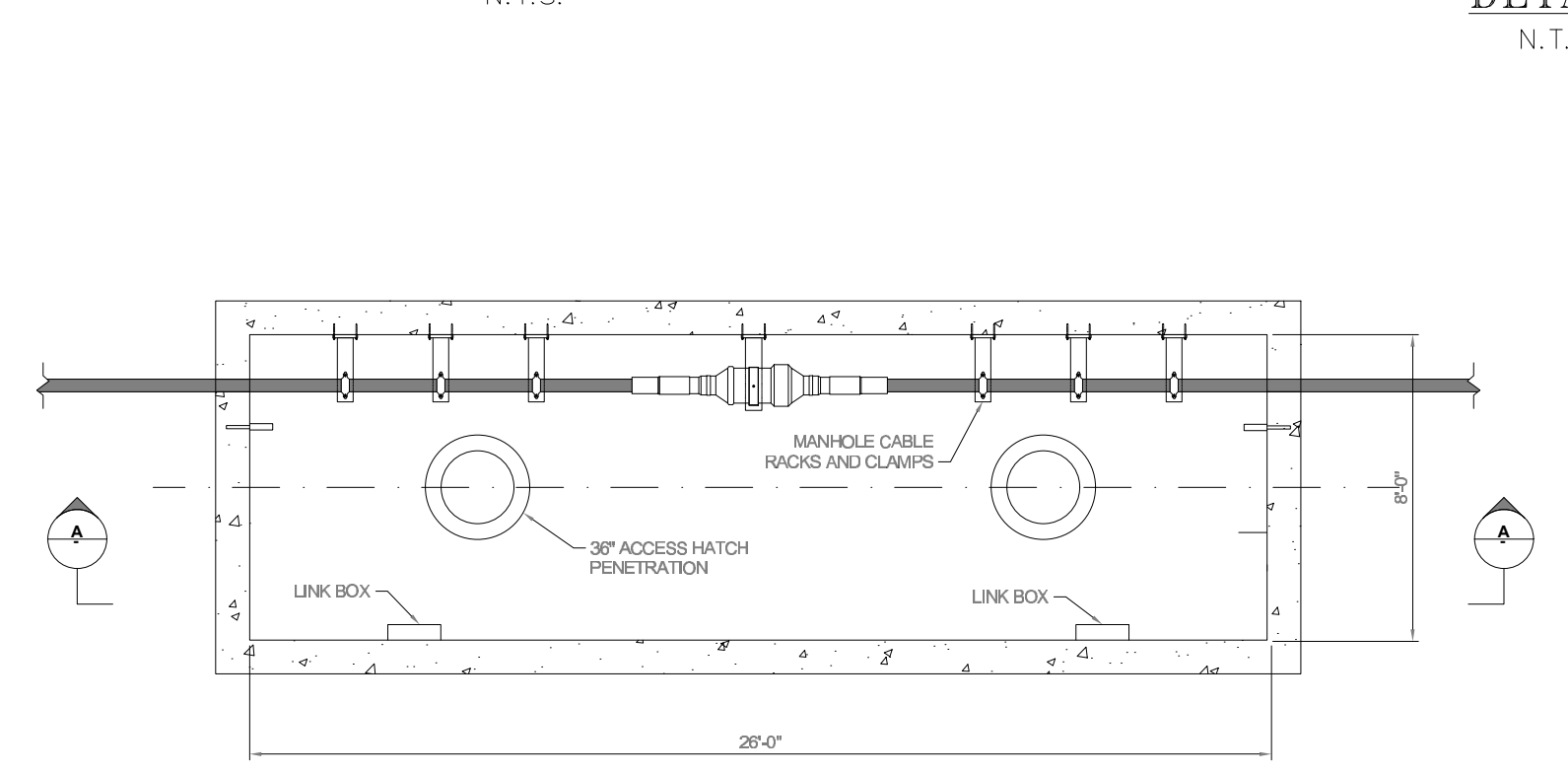
OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP
CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026	rev.	
drawing	OL-BLE021		3
sheet	21	of 24	sheets
DERECO # 07741007			



HORIZONTAL CABLE SUPPORTS
N.T.S.

NOTES:
CONCEPTUAL DESIGN. REVISIONS WILL BE REQUIRED PER SPECIFIC CABLE MANUFACTURER REQUIREMENTS.



GENERAL RESTORATION NOTES:

- A. ALL WORK SHALL BE GOVERNED BY THE STATE OF NEW JERSEY DEPARTMENT OF TRANSPORTATION 2007 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION WITH ALL AMENDMENTS AND SUPPLEMENTS TO GOVERN, INCLUDING BASELINE DOCUMENT CHANGES (BDC).
- B. GENERAL RESTORATION LIMITS:
 1. FOR AN ISOLATED ROADWAY OPENING THAT IS AN OPENING LESS THAN ONE HUNDRED LINEAL FEET (100 LF) AND LESS THAN HALF (1/2) OF THE LANE WIDTH AND LOCATED AT LEAST TWO HUNDRED LINEAL FEET (200 LF) FROM THE NEXT CLOSEST OPENING, THE PAVING RESTORATION LIMITS SHALL EXTEND A MINIMUM OF ONE (1) FOOT BEYOND THE TRENCH EXCAVATION.
 2. FOR ISOLATED ROADWAY OPENINGS THAT ARE LOCATED BETWEEN ONE HUNDRED LINEAL FEET (100 LF) AND TWO HUNDRED LINEAL FEET (200 FT) OF ANOTHER, THE RESTORATION SHALL INCLUDE MILLING AND PAVING THE FULL LANE WIDTH IN WHICH THE OPENINGS ARE LOCATED WITH THE MILLING EXTENDING AT LEAST TWENTY LINEAL FEET (20LF) BEYOND THE BEGINNING AND ENDING LONGITUDINAL LIMITS OF THE EXCAVATION.
 3. FOR ISOLATED ROADWAY OPENINGS THAT ARE LOCATED CLOSER THAN ONE HUNDRED LINEAL FEET (100 LF) TO A PRE-EXISTING OPENING, THE PERMITTEE SHALL MILL AND PAVE AN AREA STARTING AT LEAST TWENTY LINEAL FEET (20LF) IN FRONT OF THE PROPOSED OPENING AND EXTENDING THE FULL LANE WIDTH TO TWENTY LINEAL FEET (20LF) BEYOND THE LAST EXISTING OPENING.
 4. ALL LONGITUDINAL TRENCHES MORE THAN ONE HUNDRED LINEAL FEET (100 LF) IN LENGTH AND SITUATED WITHIN A TRAVEL LANE SHALL BE RESTORED BY MILLING AND PAVING THE FULL LANE WIDTH FOR THE TRENCH LENGTH AND TWENTY LINEAL FEET (20LF) BEYOND THE BEGINNING AND ENDING OF THE TRENCH.
 5. ALL LONGITUDINAL TRENCHES MORE THAN ONE HUNDRED LINEAL FEET (100 LF) AND OCCUPYING AN AREA OF DISTURBANCE TWO FEET (2') BEYOND THE CENTERLINE, SHALL BE RESTORED BY MILLING AND PAVING BOTH LANES OF THE ROADWAY FOR THE TRENCH LENGTH AND TWENTY LINEAL FEET (20LF) BEYOND THE BEGINNING AND ENDING OF THE TRENCH.
 6. LONGITUDINAL TRENCH OPENINGS AND ISOLATED TRENCH OPENINGS WITHIN THE SHOULDER AREAS SHALL BE RESTORED AT LEAST ONE FOOT (1') BEYOND THE LIMITS DISTURBANCE.
 7. THE COUNTY RESERVES THE RIGHT TO REQUIRE THAT THE OPENINGS LISTED IN (1) ABOVE INCLUDE FULL LANE MILLING FOR TWENTY LINEAL FEET (20LF) BEYOND EACH END OF THE TRENCH OPENING IF INITIAL RESTORATION IS NOT ACCEPTABLE.
- C. FOR ALL OPENINGS:
 1. THE PAVED ROADWAY SURFACES SHALL BE CUT VERTICALLY WITH A SHARP TOOL ON A STRAIGHT LINE BEFORE EXCAVATING.
 2. THE MATERIAL REMOVED FROM THE TRENCH OPENING SHALL NOT BE REPLACED AS BACKFILL.
 3. ALL TRENCH BACKFILL SHALL CONSIST OF RECYCLED CONCRETE DENSE GRADED AGGREGATE PLACED IN EIGHT INCH (8") LIFTS AND COMPACTED TO AT LEAST NINETY FIVE PERCENT (95%) OF A STANDARD PROCTOR TEST. THE COUNTY RESERVES THE RIGHT TO HAVE THE PERMITTEE PROVIDE A PROCTOR SAMPLE OF THE MATERIAL AN PERFORM COMPACTION TESTING BY A CERTIFIED LABORATORY AND PROVIDE THE RESULTS TO THE COUNTY AT THE PERMITTEE'S EXPENSE.
 4. ALL ROAD RESTORATIONS ARE TO BE TEMPORARILY PAVED WITH "DAILY PAVING" AT DAYS END UNLESS SPECIFICALLY APPROVED TO DO OTHERWISE BY THE COUNTY ROAD SUPERVISOR. UNDER NO CIRCUMSTANCES SHALL ROADWAY BE LEFT UNPAVED FOR THE WEEKEND.
 5. THE UNCOMPLETED LENGTH OF ROAD OPENING ALLOWED UNDER A PERMIT AT ANY ONE TIME SHALL NOT EXCEED FIFTY LINEAL FEET (50 LF), UNLESS APPROVED BY THE COUNTY ROAD SUPERVISOR.
 6. IN NEWLY CONSTRUCTED, RECONSTRUCTED, OR OVERLAID ASPHALT PAVEMENTS, BEFORE PLACING THE BITUMINOUS BASE COURSE, THE OPENING SHALL BE CUT BACK TWELVE INCHES (12") BEYOND THE PERIMETER OF THE TRENCH OPENING AND A TACK COAT APPLIED TO ALL JOINTS. THE TACK COAT SHALL BE ASPHALTIC OIL GRADE RC-O OR EMULSIFIED ASPHALT, GRADE 25-2, OR EQUAL.
 7. FOR ALL OPENINGS, THE TRENCH OPENING SHALL BE NEAT CUT, BACKFILLED WITH COMPACT D DENSE GRADED AGGREGATE AND TEMPORARILY PAVED WITH SIX INCH (6") LAYER OF HMA 2-5M64 BASE PAVING. THE BASE PAVING SHALL BE INSTALLED FLUSH WITH THE EXISTING PAVING AND BE MAINTAINED BY THE APPLICANT UNTIL FINAL PAVING IS INSTALLED. THE COUNTY MAY WAIVE FINAL PAVING RESTORATION IF THE ROADWAY IS TO BE SCHEDULED AS PART OF AN UPCOMING PAVING PROJECT. "DAILY PAVING" MAY BE INSTALLED AND MAINTAINED UNTIL THE OPENING RECEIVES BASE PAVING. BASE PAVING SHALL BE INSTALLED AT THE END OF THE PROJECT OR BY THE WEEKEND, WHICHEVER IS SOONER.
- E. ONCE THE BASE PAVING HAS BEEN INSTALLED AND AFTER INITIAL SETTLEMENT HAS OCCURRED, THE FINAL PAVING SHALL BE INSTALLED. FINAL PAVING SHALL OCCUR AFTER INITIAL SETTLEMENT HAS TAKEN PLACE AND SHALL BE NO SOONER THAN NINETY (90) DAYS AND NO LATER THAN ONE HUNDRED EIGHTY (180) DAYS AFTER BASE PAVING WAS INSTALLED.
- F. THE PERMITTEE HAS THE FOLLOWING ALTERNATIVES FOR FINAL RESTORATION.
 1. THE PERMITTEE SHALL PERFORM THE FINAL PAVING BY MILLING THE TOP TWO INCH (2") OF THE BASE PAVING OFF TO THE LIMIT - SPECIFIED IN THE GENERAL RESTORATION LIMITS LISTED ABOVE. FINAL PAVING SHALL INCLUDE APPLYING A TACK COAT, THEN INSTALLING A TWO INCH (2") LAYER OF HMA 12.5M64 SURFACE COURSE. THE PERIMETER OF ALL FINAL PAVING LIMITS IS TO BE TACK SEALED.
 2. THE PERMITTEE MAY ELECT TO HAVE THE COUNTY ROAD DEPARTMENT CONSTRUCT THE PERMANENT REPAIR OF THE TRENCH OPENING. IN SUCH CASES, THE COUNTY ROAD DEPARTMENT SHALL PERFORM THE WORK AT FORTY-FIVE DOLLARS (\$45.00) PER SQUARE YARD, PAYABLE IN ADVANCE. THE REPAIR WORK SHALL BE IN CONFORMANCE TO THE TECHNICAL SPECIFICATIONS LISTED IN THIS DOCUMENT. THE COUNTY ROAD DEPARTMENT MAY ELECT NOT TO MAKE THE PERMANENT REPAIR. IN SUCH CASES, THE APPLICANT WILL BE REQUIRED TO COMPLETE THE FINAL PAVING.
 3. OPENINGS IN PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE SAW CUT TO THE FULL CONCRETE THICKNESS. THE FINAL RESTORATION SHALL CONSIST OF HMA25M64 BASE COURSE INSTALLED TO THE THICKNESS TO THE CONCRETE THICKNESS LESS TWO INCHES (2"). PAVING LIFTS SHALL NOT EXCEED FOUR INCHES (4"). A TWO INCH (2") THICKNESS OF HMA12.5M64 SURFACE AS THE FINAL PAVING SURFACE. REQUIREMENTS OF SECTION "E" ABOVE APPLY.
 4. ALL OPENINGS IN ROADSIDE GRASSED AREAS SHALL BE BACKFILLED AND LEVELED WITH CLEAN GRANULAR MATERIAL TO WITHIN FOUR INCHES (4") OF THE ADJACENT GRADE. AFTER PROPER COMPACTION, FOUR INCHES (4") OF TOPSOIL SHALL BE PLACED WHEN DIRECTED BY THE COUNTY ENGINEER. SHOULD PROPER GROWTH NOT BE ACHIEVED, THE AREA WILL BE RE-SEED AS NECESSARY.
 5. ROAD OPENINGS AND OR TRENCHES INVOLVING UNUSUAL OR SPECIAL CONDITIONS SHALL BE RESTORED IN ACCORDANCE WITH AND PURSUANT TO THE DIRECTION OF THE COUNTY ENGINEER.
 6. ANY OPENING OR RESTORATION PROCEDURE WHICH IS NOT IN CONFORMANCE TO THE TECHNICAL SPECIFICATIONS LISTED IN THIS DOCUMENT MUST BE APPROVED BY THE COUNTY ENGINEER.
 7. UPON COMPLETION OF WORK, APPLICANT WILL REQUEST A FINAL INSPECTION BY THE COUNTY ROAD SUPERVISOR. IF THE WORK IS COMPLETED IN A SATISFACTORY MANNER, A CERTIFICATE OF SATISFACTORY COMPLETION WILL BE SENT TO THE CLERK OF THE BOARD. UPON RECEIPT OF THIS CERTIFICATE AND UPON DELIVERY OF MAINTENANCE GUARANTEE TO THE CLERK OF THE BOARD, THE PERFORMANCE GUARANTEE WILL BE RETURNED.
 8. IN ANY CASE WHERE THE CONTRACTOR HAS NOT COMPLIED WITH THESE REGULATIONS TO THE SATISFACTION OF THE COUNTY ENGINEER, THE COUNTY ENGINEER, WITHOUT NOTICE, MAY CAUSE THE WORK TO BE DONE AND THE COST SHALL BE CHARGED AGAINST THE BONDING COMPANY.
 9. THE FREEHOLDER BOARD MAY, IN ITS DISCRETION, WAIVE OR MODIFY THE PAVING REGULATIONS NOTED IN THIS RESOLUTION AT ITS DISCRETION.
 10. ALL TRAFFIC CONTROL DEVICES, I.E. SIGNS, STRIPES, ETC., REMOVED BY THE PERMITTEE DURING THE RESTORATION SHALL BE NOTED TO THE COUNTY ENGINEER AND SHALL BE REPLACED DURING THE RESTORATION. ARRANGEMENTS FOR REPLACEMENT BY THE PERMITTEE OR BY THE COUNTY ROAD DEPARTMENT SHALL BE MADE INDEPENDENT OF THE ALTERNATIVE CHOSEN ABOVE.
 11. ANY OPENING WITHIN A ROAD UNDER MORATORIUM, IF PERMITTED TO BE OPENED, SHALL BE RESTORED TO THE EXISTING PAVEMENT THICKNESS WITH THE FULL LANE MILLED AND RE-PAVED TO AT LEAST TWENTY LINEAL FEET (20LF) BEFORE THE BEGINNING OF THE OPENING EXTENDING TO TWENTY LINEAL FEET (20LF) BEYOND THE END OF THE OPENING.
 12. ALL STRIPING THAT HAS BEEN REMOVED AS A RESULT OF THE OPENING SHALL BE RESTORED WITHIN THREE (3) DAYS OF TEMPORARY PAVING COMPLETION. IN THE INTERIM, TEMPORARY STICK DOWN REFLECTORS ARE TO BE INSTALLED WHERE DIRECTED BY THE COUNTY ROAD SUPERVISOR.
 13. IF AFTER TWENTY-FOUR (24) MONTHS THE OPENING SHOWS NO DISTRESS AS NOTED ABOVE, THEN THE MAINTENANCE BOND SHALL BE RELEASED.

no.	date	by	ckd	description
0	7/20/22	AG	JSK/LH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSK/LH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSK/LH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSK/LH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

FOR PERMITTING APPROVAL

Ocean Wind 1
An Ørsted & PSEG project

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS HERETO APPROPRIATE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	RLR

DETAIL SHEET

OCEAN WIND OFFSHORE WIND PROJECT
UPPER TOWNSHIP AND OCEAN CITY
CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026
drawing	BLE023 - 3
sheet	23 of 24 sheets
DERECO #	07741007

I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. No. 24GE04226900
LICENSED PROFESSIONAL ENGINEER

REFERENCES:

MAP ENTITLED "OFFSHORE WIND, B.L. ENGLAND ROUTE SURVEY"
 PREPARED BY PSEG SERVICES CORPORATION, SURVEYS & MAPPING, 80 PARK PLAZA, T8B, NEWARK,
 N.J. 07102.DATED JANUARY 24, 2022, LAST UPDATED DECEMBER 28, 2022.

MAP ENTITLED "OFFSHORE WIND, BEESLEY'S POINT ROUTE, EXISTING CONDITIONS"
 PREPARED BY PSEG SERVICES CORPORATION, SURVEYS & MAPPING, 80 PARK PLAZA, T8B, NEWARK,
 N.J. 07102.DATED OCTOBER 8, 2021.

AERIAL TOPOGRAPHY PREPARED BY ROBINSON AERIAL SURVEYS INC., 1 EDGEVIEW DRIVE,
 HACKETTSTOWN, N.J. 07840.

FROM 5.0 CM GROUND SAMPLING DISTANCE IMAGERY CAPTURED ON JUNE 17, 2021 AND
 SUPPLEMENTED WITH ADDITIONAL AERIAL TOPOGRAPHY ON JUNE 10TH, 2022.

BL ENGLAND REFERENCES:

PLAN ENTITLED "B.L. ENGLAND GENERATING STATION, LOTS 74, 76 & 76.01 BLOCK 479,
 UPPER TOWNSHIP, CAPE MAY COUNTY, NEW JERSEY - PUBLIC ACCESS CONSERVATION
 EASEMENT PLAN" PREPARED BY MATTHEW V. ECKER, P.E., PP, N.J.P.E. NO. 37872 DATED
 DECEMBER 16, 2008 AND FILED IN THE CAPE MAY COUNTY CLERKS OFFICE ON JULY 6,
 2000 AS MAP 10930 D3369-895 MC 1 11-67

ALTA/ACSM LAND TITLE SURVEY OF 900 SHORE ROAD, UPPER TOWNSHIP, NJ, PREPARED
 BY HORIZON ENGINEERING ASSOCIATES, LLC., AS JOB NO. 39673, DATED NOVEMBER 22,
 2006, LAST REVISED JANUARY 17, 2007

TAX MAP PLATE NUMBER 27 FOR THE TOWNSHIP OF UPPER, CAPE MAY COUNTY NEW
 JERSEY. DATED JULY 201

UTILITY REFERENCES

NEW JERSEY AMERICAN WATER LOCATION MARK UP, DATED AUGUST 37, 2021

WETLANDS SHOWN HEREON WERE DELINEATED BY WETLANDS DELINEATED BY HDR ENGINEERING,
 INC. SEPTEMBER 15 AND 16, 2019 AND MARCH 21, 2022 AND SURVEYED BY NJ PROFESSIONAL LAND
 SURVEYOR GEOD CORPORATION ALONG ROOSEVELT BLVD.

WETLANDS DELINEATED BY HDR ENGINEERING, INC. SEPTEMBER 15 AND 16, 2019 AND NOVEMBER 16,
 2021 AND SURVEYED BY NJ PROFESSIONAL LAND SURVEYOR GEOD CORPORATION FOR BLE ENGLAND
 PROPOSED SUBSTATION.

WETLAND AND WATERCOURSE EXTENTS CONFIRMED BY NJDEP WITH SITE VERIFICATION NOVEMBER
 2021. ADDITIONAL WETLANDS WITHIN PROPOSED ONSHORE CONSTRUCTION AREA CONFIRMED IN
 VALID NJDEP LETTER ON INTERPRETATION ISSUED AUGUST 15, 2017 (FILE NO. 1512-17-0013-1).
 SHAPEFILES PROVIDED BY HDR JANUARY 10, 2022 & APRIL 11, 2022, AND MARCH 24, 2022 .

1970 MAPPED COASTAL WETLANDS WERE DIGITIZED BY HDR NOVEMBER 2021 BASED ON THE 1970
 WETLANDS BASE MAPS (BLACK AND WHITE) THAT HAVE BEEN SCANNED AND GEO-REFERENCED BY
 THE NJDEP USING THE NJDEP TIDELANDS GRID VECTOR DATA LAYER AND MADE AVAILABLE THROUGH
 THE NJ OFFICE OF INFORMATION TECHNOLOGY, OFFICE OF GIS (NJOGIS).

SHELLFISH HABITAT DEPICTED HEREIN IS BASED UPON NJDEP MAPPING OF MODERATE AND HIGH
 DENSITY/COMMERCIAL VALUE AREAS OF BARNEGAT BAY AVAILABLE THROUGH THE NJDEP LAND
 RESOURCES PROTECTION WEBSITE. SOURCES INCLUDE DISTRIBUTION OF SHELLFISH RESOURCES IN
 RELATION TO THE NEW JERSEY INTRACOASTAL WATERWAY (U.S. DEPARTMENT OF THE INTERIOR,
 1983) AND/OR "INVENTORY OF NEW JERSEY'S ESTUARINE SHELLFISH RESOURCES" (DIVISION OF FISH,
 GAME AND WILDLIFE, BUREAU OF SHELLFISHERIES, 1983-PRESENT), DATA DIGITIZED IN GIS BY HDR,
 2019.

BEACHES AND DUNES DEPICTED HEREIN ARE SOURCED FROM THE NJDEP LAND USE/LAND COVER
 2015 DATASET PUBLISHED IN 2019 AND DOWNLOADED FROM BY HDR IN NOVEMBER 2021 FROM THE
 NJDEP BUREAU OF GIS.

TIDELANDS CLAIM AREAS DEPICTED HEREIN ARE SOURCED FROM THE NJDEP BUREAU OF TIDELANDS
 MANAGEMENT AND DOWNLOADED FROM THE NJDEP BUREAU OF GIS BY HDR IN NOVEMBER 2021.
 EXISTING TIDELANDS INSTRUMENTS WERE OBTAINED FROM THE BUREAU OF TIDELANDS FROM
 CONVEYANCE MAPS AND DIGITIZED IN GIS VIA GEOREFERENCING BY PSEG 2021.

ARCHEOLOGICAL DIG AREA SHOWN HEREON PER SHAPEFILES PROVIDED BY HDR, INC. MAHWAH, N.J.

MEAN HIGH WATER LINE SHEET # 20 IS DIGITIZED FROM PLAN MAPS ENTITLED "PLAN OF
 FRESHWATER WATERS DELINEATION, B.L. ENGLAND GENERATION STATION, TAX BLOCK 479 TAX LOTS
 74, 76, 76.01 & 94.01, TOWNSHIP OF UPPER, CAPE MAY COUNTY, NEW JERSEY, CONSISTING OF 17
 SHEETS DATED OCTOBER 2008 LAST REVISED AUGUST 17, 2018 AS PREPARED BY HYLAND DESIGN
 GROUP, INC. AS PART OF NJDEP FILE NO. 0511-03-0011.4, ACTIVITY NO. FWW18000"

WOODY VEGETATION DATASET PROVIDED BY HDR IN DECEMBER 2022.

FLOOD HAZARD AREA AND FLOODWAY LIMITS WERE OBTAINED FROM THE BELOW FEMA MAP
 REFERENCES

FEMA REFERENCE

Location	Map			NJDEP Delineated Map
	Type	Number	Map Date	
Ocean Township starting at West Avenue to Ocean Township at the western part of Block 3350.01, Lot B.01	Preliminary Map	34009C0038F	10/5/2017	None
Ocean Township starting at western part of Block 3350.01, Lot 17.01 to Upper Township Route 9 and Highland Avenue near Block 693, Lot 9	Preliminary Map	34009C0059F	10/5/2017	None
Upper township Route 9 and Highland avenue near Block 693, Lot 9 to Upper Township Block 470 Lot 76	Preliminary Map	34009C0067F	10/5/2017	None

ENGINEERING REFERENCE

DESIGN PLANS PREPARED BY: BURNS McDONNELL

DRAWING TITLE	LATEST REVISION DATE
077691088 CIVIL SITE PLAN SHEET 1	01/03/2023
077691098 CIVIL SITE PLAN SHEET 2	01/03/2023
077691108 CIVIL GRADING AND DRAINAGE PLAN SHEET 1	01/03/2023
077691118 CIVIL GRADING AND DRAINAGE PLAN SHEET 2	01/03/2023
077691438 OVERALL FOUNDATION PLAN NORTH	01/03/2023
077691448 OVERALL FOUNDATION PLAN SOUTH	01/03/2023



no.	date	by	ckd	description
0	7/20/22	AG	JSKLH	ISSUED FOR PERMIT REVIEW AND APPROVAL
1	10/13/22	AG	JSKLH	REVISED SUBSTATION LOCATION AND IMPACTS
2	11/14/22	AG	JSKLH	REVISED TO ADDRESS NJDEP DEFICIENCY COMMENTS
3	11/05/2023	AG	JSKLH	UPDATED ROUTE AND STATION AND RE-ISSUED FOR PERMIT REVIEW AND APPROVALS

FOR PERMITTING APPROVAL



N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
 ROCKAWAY, N.J. 07866
 PHONE: (973) 299-5200
 FAX: (973) 299-5059
 www.E2PM.com



THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPLICABLE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

date	7/20/22	detailed	APG
designed	JMS	checked	RLR

REFERENCES

OCEAN WIND OFFSHORE WIND PROJECT
 UPPER TOWNSHIP AND OCEAN CITY
 CAPE MAY COUNTY, NEW JERSEY

project	P-21-03-026
drawing	BLE024 - 3
sheet	24 of 24 sheets
DERECO #	07741007

I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

KATHERINE L. HERING, P.E., N.J. NO. 24GE04226900
 LICENSED PROFESSIONAL ENGINEER