



PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:
Public Notice Number: **NAN-2022-00239-EMI**
Issue Date: **June 2, 2022**
Expiration Date: **July 1, 2022**

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

APPLICANT: Consolidated Edison Company of New York, Inc.
4 Irving Place
New York, New York 10003

ACTIVITY: Horizontal Directional Drilling (HDD) for two (2) electrical feeder cables

WATERWAY: Harlem River

LOCATION: Between "Crack is Wack" Playground, Borough of Manhattan, New York County, and Harlem River Yards, Borough of The Bronx, Bronx County, City of New York, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

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

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING

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AND EMAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. Comments provided will become part of the public record for this permit application. All written comments, including contact information, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by email is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein will have no effect on any Federally endangered or threatened species or their critical habitat pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531).

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The New York District has made the preliminary determination that the activities for which authorization is sought herein will have no effect on EFH or EFH-listed species.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and Waterfront Revitalization, Coastal Zone Management Program, One Commerce Plaza, 99 Washington Avenue, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

In addition to any required coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

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- New York State Department of Environmental Conservation

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. Please send all comments and questions concerning this application to Christopher.W.Minck@usace.army.mil.

In order for us to better serve you, please complete our Customer Service Survey located at <http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx>.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>.

FOR AND IN BEHALF OF
Stephan A. Ryba
Chief, Regulatory Branch

Enclosures

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WORK DESCRIPTION

The permit applicant, Consolidated Edison Company of New York, Inc. (Con Ed), has requested Department of the Army (DA) authorization to install two (2) electrical utility cables beneath the Harlem River between the “Crack is Wack” Playground, Borough of Manhattan, New York County, and Harlem River Yards, Borough of The Bronx, Bronx County, City of New York, New York via Horizontal Directional Drilling (HDD).

The proposed work would involve the following:

Construct via Horizontal Directional Drilling (HDD) two (2) 13kV electrical feeder cable crossing each consisting of seven (7) 6.625-inch High Density Polyethylene (HDPE) beneath the Harlem River.

Alignment 1 will begin at an upland jacking pit at the Harlem River Yards lot and will run approximately 1,097 linear feet to the “Crack is Wack” park, of which approximately 447 linear feet will be located beneath the Harlem River. The top of the utility cables would be constructed a minimum of 38 feet below the authorized depth of the Harlem River Federal Navigation Channel and will have a minimum of approximately 38 feet of coverage as measured from the top of the utility cable to the existing grade.

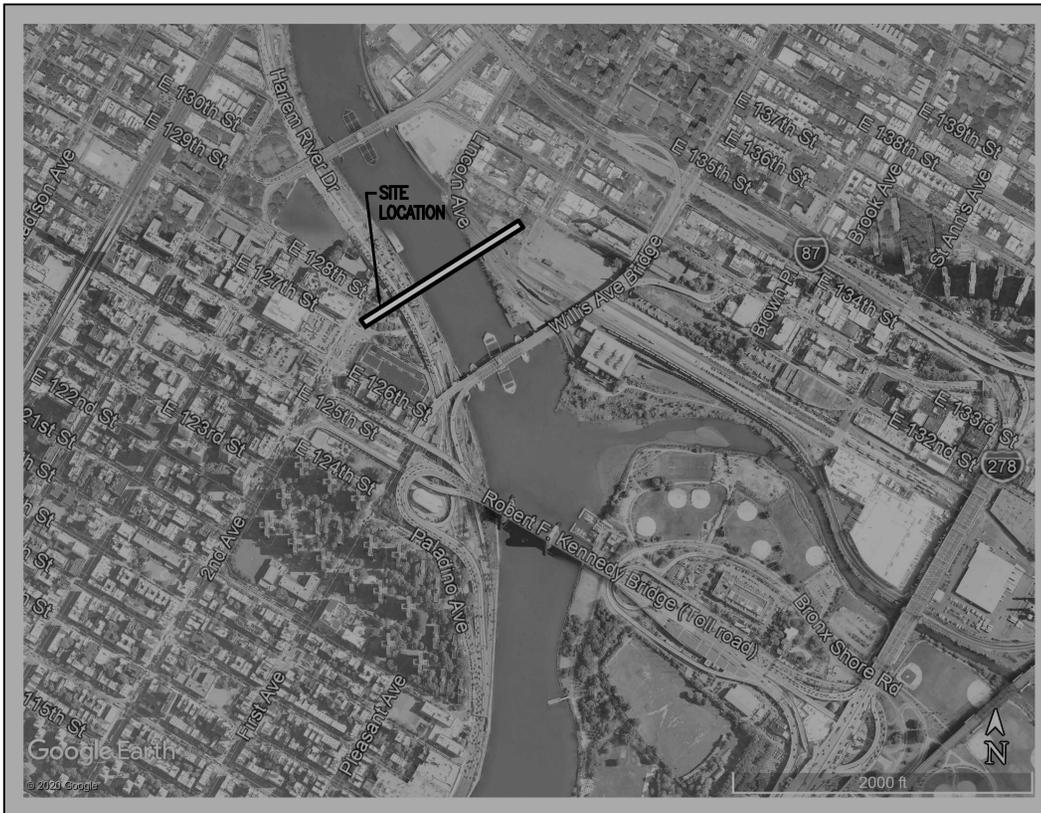
Alignment 2 will begin at an upland jacking pit at the Harlem River Yards lot and will run approximately 1,097 linear feet to the “Crack is Wack” park, of which approximately 454 linear feet will be located beneath the Harlem River. The top of the utility cables would be constructed a minimum of 38 feet below the authorized depth of the Harlem River Federal Navigation Channel and will have a minimum of 38 feet of coverage as measured from the top of the utility cable to the existing grade.

The applicant has stated that they have avoided, minimized, and mitigated for potential impacts proposed, to the maximum extent practicable by utilizing HDD from the upland, instead of trenching to install the cables and by developing a Frac-Out plan in the unlikely event there is an incidental release of slurry.

The purpose of this project is to increase electrical capacity and ensure system reliability for the New York City electrical grid.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

YORKVILLE NEW 13 kV FEEDERS - HARLEM RIVER CROSSING NEW YORK, NY



SITE PLAN

FOR PERMIT USE ONLY

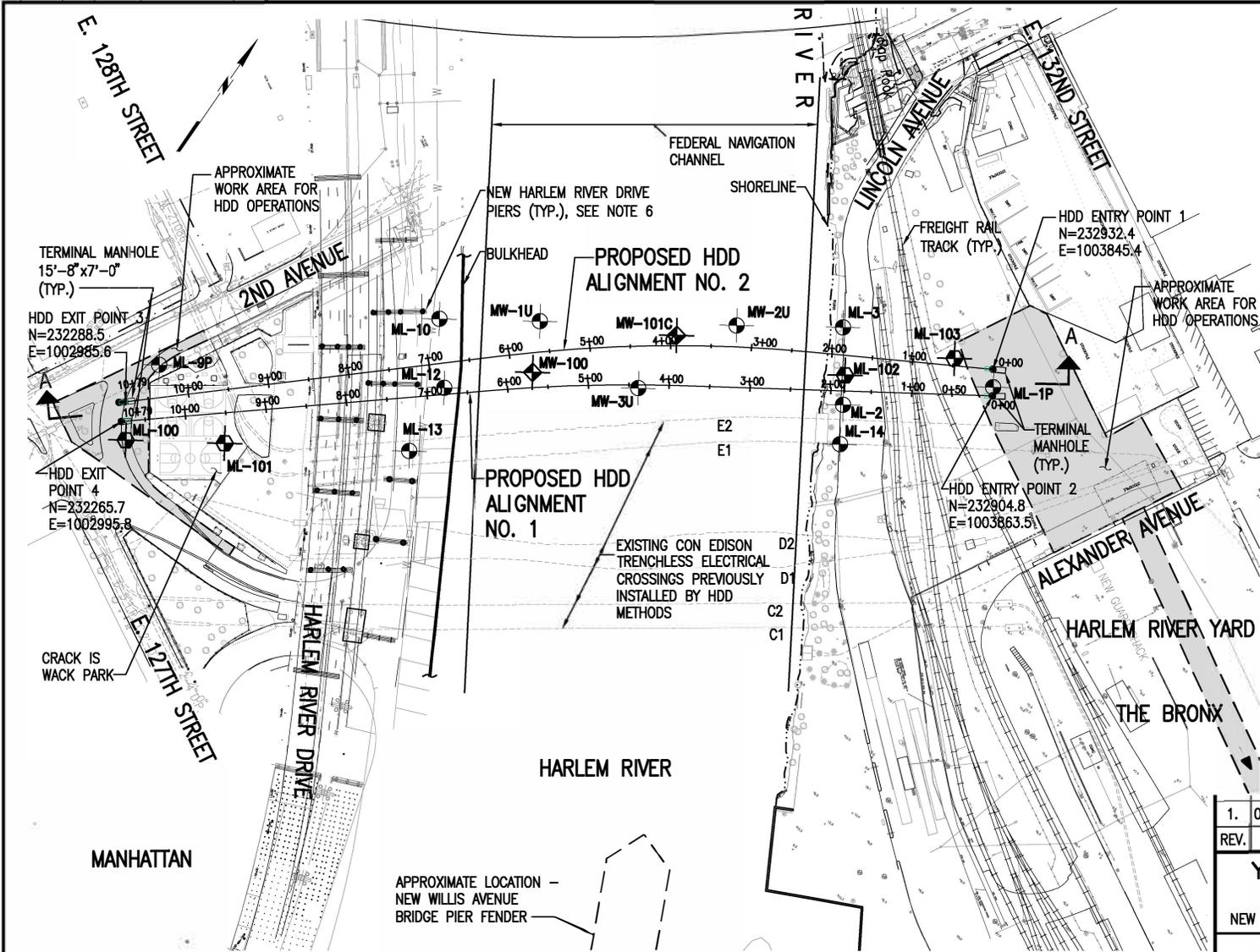
04-15-2022

LIST OF DRAWINGS	
DRAWING NUMBER	DRAWING TITLE
1	TITLE, LIST OF DRAWINGS, SITE PLAN. SHEET 1 OF 5
2	OVERALL HDD ALIGNMENT PLAN. SHEET 2 OF 5
3	HDD ALIGNMENT NO. 1 PROFILE. SHEET 3 OF 5
4	HDD ALIGNMENT NO. 2 PROFILE. SHEET 4 OF 5
5	HDD ENDPOINT TO MANHOLE CONNECTION DETAILS. SHEET 5 OF 5

REV.	DATE	BY	DESCRIPTION
YORKVILLE NEW 13KV FEEDERS – HARLEM RIVER CROSSING NEW YORK NEW YORK			
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. NEW YORK NEW YORK			
MUESER RUTLEDGE CONSULTING ENGINEERS PLLC 14 PENN PLAZA – 225 WEST 34TH STREET, NEW YORK, NY 10122			
SCALE	MADE BY: L.R.	DATE: 10-07-2020	FILE NUMBER
NO SCALE	CH'KD BY: H.J.S.	DATE: 10-07-2020	13065
TITLE, LIST OF DRAWINGS, SITE PLAN SHEET 1 OF 5			DRAWING NUMBER
			1



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GENERAL NOTES:

1. TOPOGRAPHIC BASE SURVEY DRAWING PROVIDED BY CON EDISON. TOPOGRAPHIC AND UTILITIES DETAILS SHOWN ON SURVEY DRAWING.
2. THE STATIONING FOR THE HORIZONTAL DIRECTIONALLY DRILLED (HDD) ALIGNMENT SHOWN ON THIS DRAWING IS IN FEET BY HORIZONTAL MEASUREMENT AND IS REFERENCED TO THE HDD ENTRY POINT.
3. HDD ENTRY AND EXIT POINT CO-ORDINATES ARE SHOWN FOR THE CENTER OF THE HDD BORE PATH AND ARE REFERENCED TO THE NEW YORK STATE PLANE, NAD83, NEW YORK LONG ISLAND ZONE HORIZONTAL DATUM.
4. FOR HDD PROFILES REFER TO DRAWINGS 3 AND 4.
5. FOR TERMINAL MANHOLE CONFIGURATION, REFER TO DRAWING 5.
6. NEW HARLEM RIVER DRIVE PIERS ARE AS-BUILT LOCATIONS PER CON EDISON (TECTONIC) SURVEY DATED 2018. ALL PIERS ARE SUPPORTED ON CAISSON FOUNDATIONS SOCKETED IN BEDROCK.
7. SITE PREPARATION AND RESTORATION REQUIREMENTS ARE SHOWN ON CIVIL DRAWINGS.

HDD ENTRY AND EXIT POINTS

HDD POINTS	NORTHING/LATITUDE	EASTING/LONGITUDE
HDD ENTRY POINT 1	232932.4 40°48'21.60"	1003845.4 -073°55'45.18"
HDD ENTRY POINT 2	232904.8 40°48'21.33"	1003863.5 -073°55'44.95"
HDD EXIT POINT 3	232288.5 40°48'15.24"	1002985.6 -073°55'56.37"
HDD EXIT POINT 4	232265.7 40°48'15.02"	1002995.8 -073°55'56.24"

GEOTECHNICAL BORINGS LEGEND:

- ML-100 - 2019 MRCE LAND BORING
- MW-100 - 2019 MRCE WATER BORING
- ML-2 - 2006 MRCE LAND BORING
- MW-2 - 2006 MRCE WATER BORING



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1.	04-15-22	C.E.C.	FEDERAL NAVIGATION CHANNEL DETAILS ADDED
REV.	DATE	BY	DESCRIPTION

YORKVILLE NEW 13KV FEEDERS - HARLEM RIVER CROSSING
NEW YORK NEW YORK

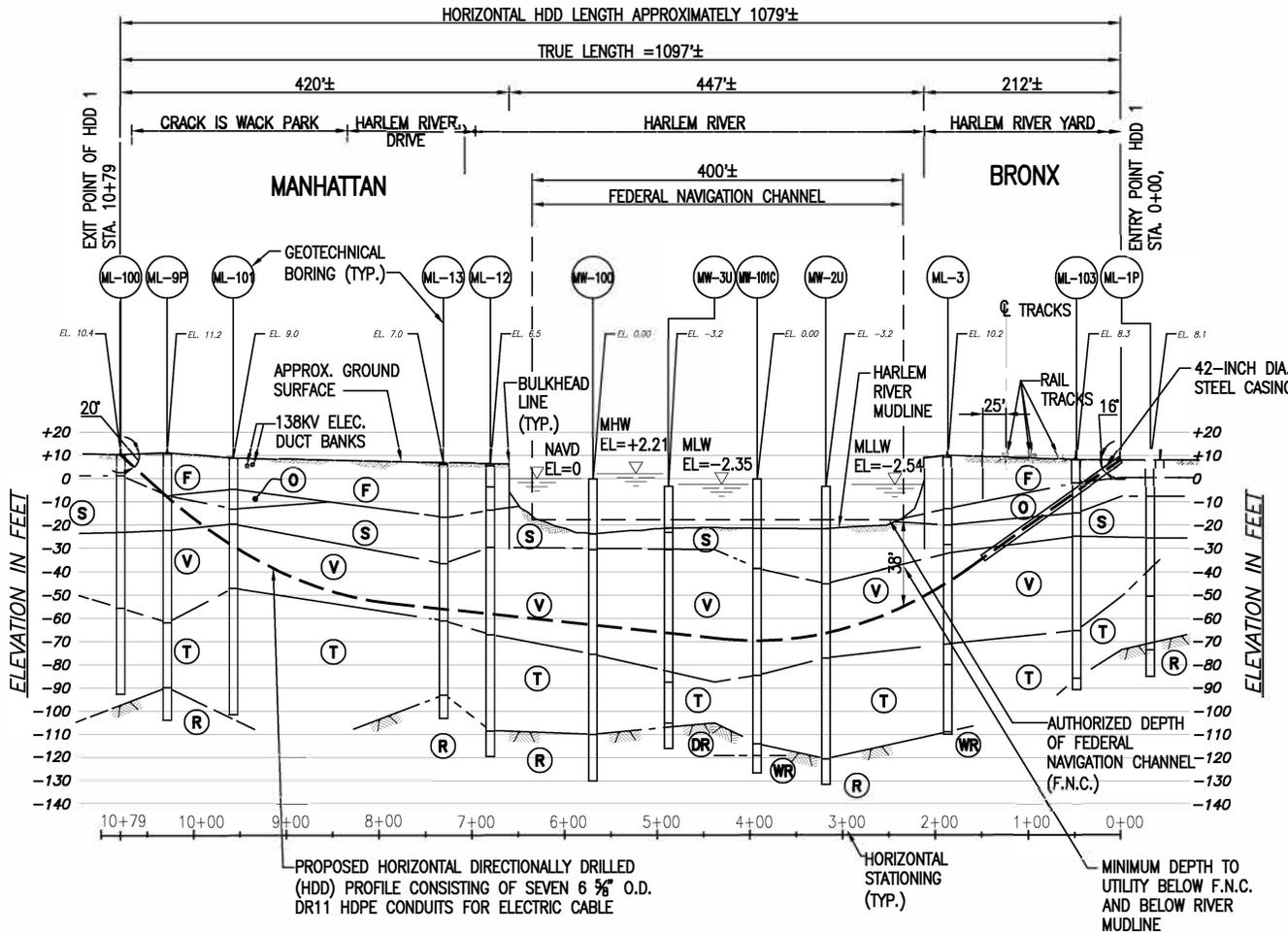
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
NEW YORK NEW YORK

MUESER RUTLEDGE CONSULTING ENGINEERS PLLC
14 PENN PLAZA - 225 W 34TH STREET, NEW YORK, NY 10122

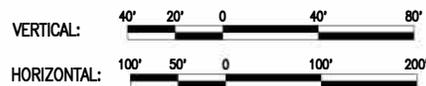
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			DRAWING NUMBER

OVERALL HDD ALIGNMENT PLAN
SHEET 2 OF 5

USACE FILE: NAN-2022-00239-EMI



HDD ALIGNMENT NO. 1 PROFILE (SECTION A-A)



NOTES:

1. THE STATIONING FOR THE HORIZONTAL DIRECTIONALLY DRILLED (HDD) ALIGNMENT SHOWN ON THIS DRAWING IS IN FEET BY HORIZONTAL MEASUREMENT AND IS REFERENCED TO THE HDD ENTRY POINT.
2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).
3. FOR PLAN OF HDD ALIGNMENT AND BORING LOCATIONS REFER TO DRAWING NO. 2.
4. DETAILED BORING LOGS AND SAMPLE DESCRIPTIONS ARE PROVIDED IN THE GEOTECHNICAL REPORT. ALL BORINGS MADE UNDER MRCE INSPECTION.
5. REFER TO DRAWING 5 FOR CONDUIT ENTRY DETAIL INTO TERMINAL MANHOLE.

GENERAL SOIL AND ROCK STRATA DESCRIPTIONS:

- (F) - MISCELLANEOUS FILL
- (O) - MARSH DEPOSITS (ORGANIC SILT/CLAY)
- (S) - SANDS
- (V) - GLACIAL VARVED SILT AND FINE SAND WITH CLAY
- (T) - GLACIAL TILL
- (DR) - DECOMPOSED ROCK
- (WR) - WEATHERED ROCK
- (R) - BEDROCK

1.	04-15-22	C.E.C.	FEDERAL NAVIGATION CHANNEL DETAILS ADDED
REV.	DATE	BY	DESCRIPTION

YORKVILLE NEW 13KV FEEDERS - HARLEM RIVER CROSSING
 NEW YORK NEW YORK

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
 NEW YORK NEW YORK

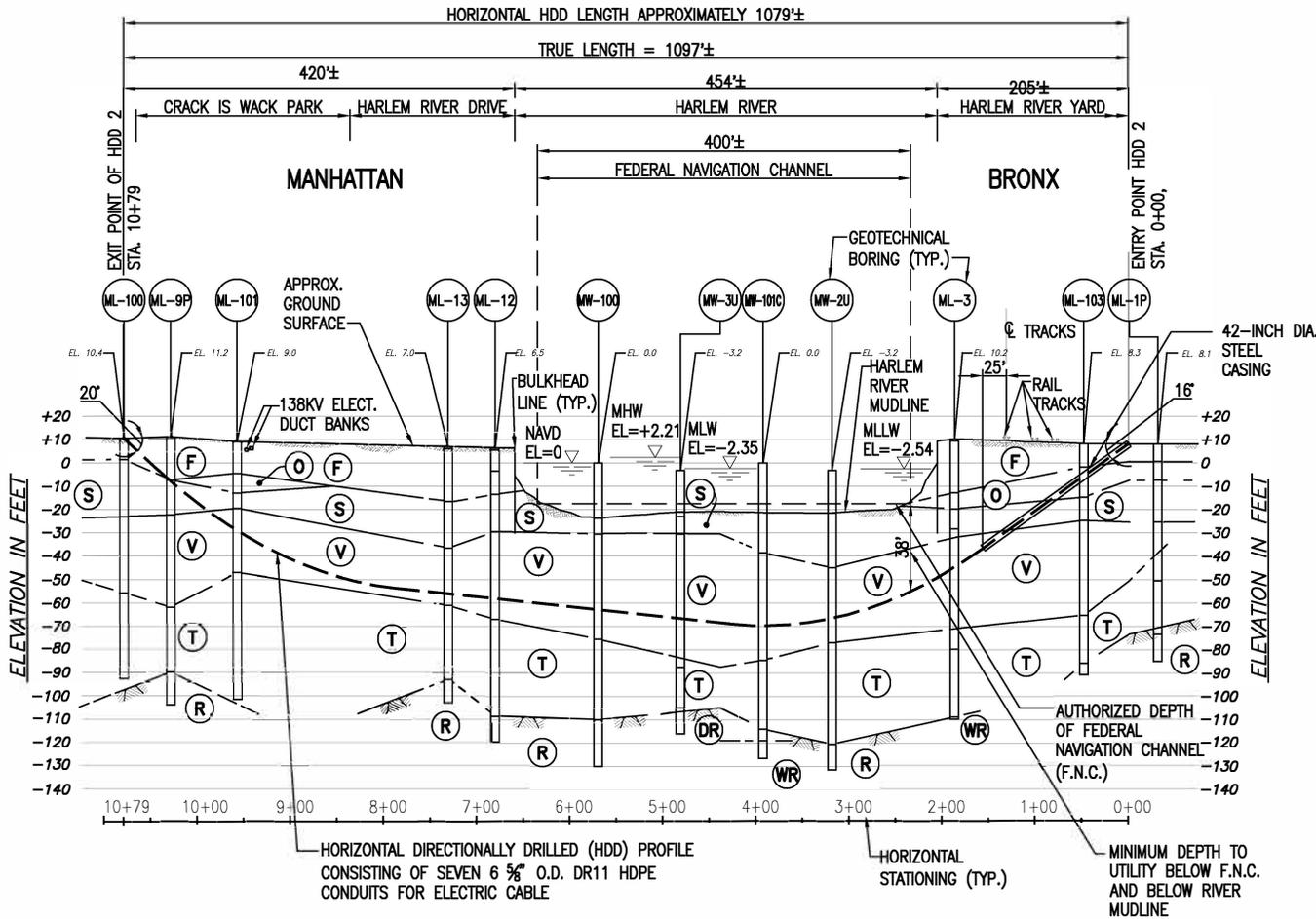
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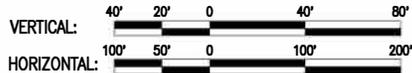
HDD ALIGNMENT NO. 1 PROFILE SHEET 3 OF 5



USACE FILE: NAN-2022-00239-EMI



HDD ALIGNMENT NO. 2 PROFILE. (SECTION A-A)



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YORKVILLE NEW 13KV FEEDERS - HARLEM RIVER CROSSING
 NEW YORK NEW YORK

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
 NEW YORK NEW YORK

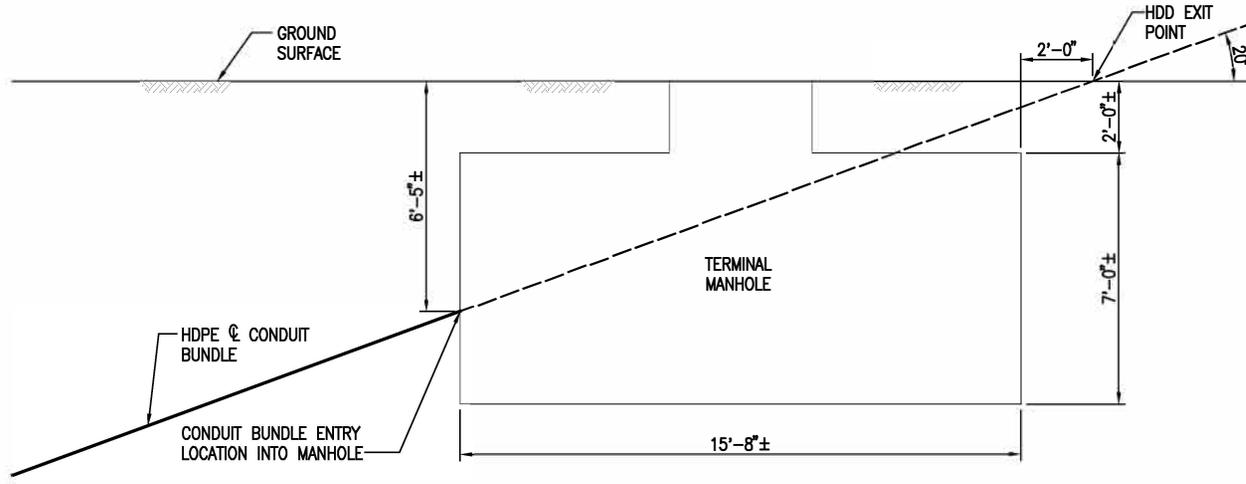
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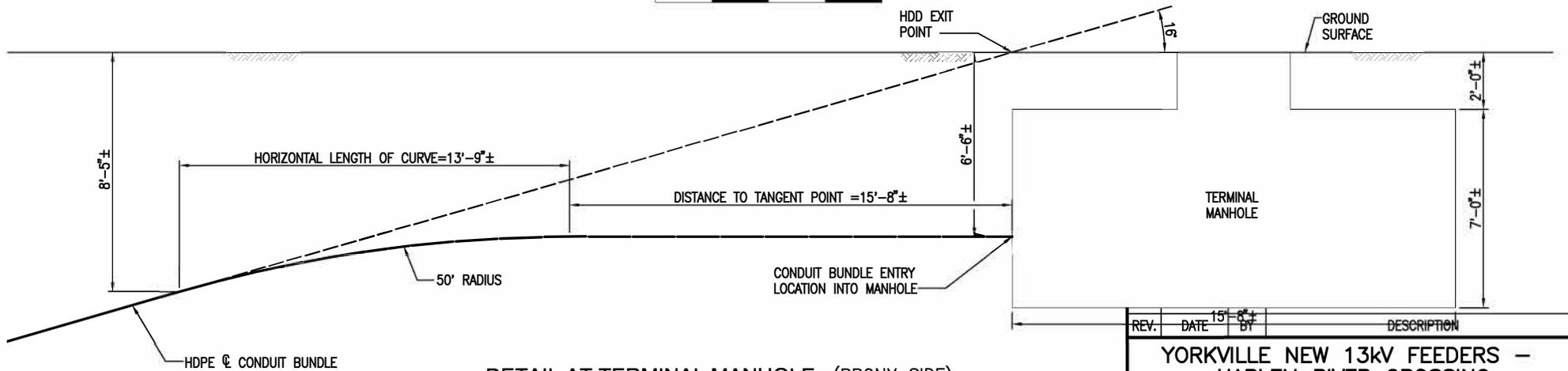
HDD ALIGNMENT NO. 2 PROFILE
SHEET 4 OF 5



USACE FILE: NAN-2022-00239-EMI



DETAIL AT TERMINAL MANHOLE (MANHATTAN SIDE)



DETAIL AT TERMINAL MANHOLE (BRONX SIDE)



NOTES:

1. THIS DRAWING SHOWS CONCEPTUAL CONNECTION DETAILS AT HDD ENDPOINTS TO TERMINAL MANHOLES.
2. DETAILS OF CONDUIT BUNDLE ENTRY INTO MANHOLE AND MANHOLE CONFIGURATIONS TO BE DEVELOPED DURING DETAILED DESIGN.

REV.	DATE	BY	DESCRIPTION
	15-8-22		

YORKVILLE NEW 13KV FEEDERS – HARLEM RIVER CROSSING
 NEW YORK NEW YORK

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
 NEW YORK NEW YORK

MUESER RUTLEDGE CONSULTING ENGINEERS PLLC
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HDD ENDPOINT TO MANHOLE CONNECTION DETAILS	DRAWING NUMBER
SHEET 5 OF 5	5

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