



PUBLIC NOTICE

Comment Period Begins: July 3, 2024

Comment Period Ends: August 2, 2024

File Number: NAE-2023-01331

In Reply Refer to: Mike Wierbonics

Phone: (978) 318-8723

Email: michael.s.wierbonics@usace.army.mil

The District Engineer, U.S. Army Corps of Engineers, New England District (USACE), has received a revised permit application, file number NAE-2023-01331, for additional work in waters of the United States from Matthew Waldrip representing NSTAR Electric Company d/b/a Eversource Energy. Originally, USACE issued a public notice for this project on July 25, 2023, for impacts subject to Section 10 of the Rivers and Harbors Act of 1899 jurisdiction. The newly revised application now proposes the additional discharge of fill material that is subject to Section 10 and Section 404 of the Clean Water Act jurisdiction. This work is proposed in Vineyard Sound between Mill Road in Falmouth, Massachusetts and Squantum Avenue in Tisbury, Massachusetts. The site coordinates are: Latitude: 41.541436 Longitude: -70.623283 (Falmouth Landing) and Latitude: 41.478814 Longitude: -70.611114 (Tisbury Landing).

The proposed work would construct a 4.4-mile electrical transmission cable across Vineyard Sound. The cable would landfall off Mill Road in Falmouth, Massachusetts and off Squantum Avenue in Tisbury, Massachusetts. Approximately 17,375 linear feet (3.30 miles) of cable would be installed via trenchless jetplow and 6,050 feet (1.14 miles) of cable would be installed via horizontal directional drilling (HDD). Approximately 2,500 feet of HDD would occur to Falmouth landfall and 3,550 feet of HDD would occur to the Tisbury landfall. Jetplow installation would bury the cable 6 to 10 feet below the seabed. HDD installation would bury the cable 60 to 80 feet below the seabed. In areas of hard bottom habitat where ideal burial depth would not be achieved, 1,579 cubic yards of concrete mattresses would be discharged over the cable totaling 1.07 acres.

The work is shown on the enclosed plans entitled "PLAN ACCOMPANYING PETITION OF NSTAR ELECTRIC CO. D/B/A EVERSOURCE ENERGY TO CONSTRUCT AND MAINTAIN A BURIED SUBMARINE CABLE WITHIN VINEYARD SOUND FALMOUTH, BARNSTABLE COUNTY, MASSACHUSETTS TO TISBURY, DUKES COUNTY, MASSACHUSETTS," on twenty-nine (29) sheets dated "MARCH 19, 2024."

The project has been designed to avoid and minimize adverse effects to waters of the United States. HDD installation would occur in nearshore areas to avoid impacts to sensitive habitats such as eelgrass near the landfall sites. Installation of the cable via jetplow would result in temporary effects that are anticipated to revert back to pre-impact conditions within a few tidal cycles. The proposed discharge of concrete mattresses would result in the permanent impact of 1.07 acres of waters of the U.S.

AUTHORITY

Permits are required pursuant to:

Section 10 of the Rivers and Harbors Act of 1899

Section 404 of the Clean Water Act

Section 103 of the Marine Protection, Research and Sanctuaries Act.

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

The USACE is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. The USACE will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments 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 the 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.

ESSENTIAL FISH HABITAT

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). Essential Fish Habitat describes waters and substrate necessary for fish for spawning, breeding, feeding or growth to maturity.

This project would impact 6.7 acres of EFH. This habitat consists of medium to coarse grain sands, hard bottom habitat, and complex bottom habitat. Loss of this habitat may adversely affect species that use these waters and substrate. However, the District Engineer has made a preliminary determination that the site-specific adverse effect would not be substantial. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision.

NATIONAL HISTORIC PRESERVATION ACT

Based on our initial review of the proposed project, no historic properties were identified within the permit area. Additional review and consultation to fulfill requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

ENDANGERED SPECIES CONSULTATION

The USACE has reviewed the application for the potential impact on federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act (ESA) as amended. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect a listed species or their critical habitat. We are coordinating with the National Marine Fisheries Service and/or U.S. Fish and Wildlife Service on listed species under their jurisdiction and the ESA consultation will be concluded prior to the final decision.

OTHER GOVERNMENT AUTHORIZATIONS

The states of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable, the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this public notice, we are requesting the state concurrence or objection to the applicant's consistency statement.

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

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

COMMENTS

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 the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National

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File No. NAE-2023-01331 – Eversource 91 Cable Replacement Project

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.

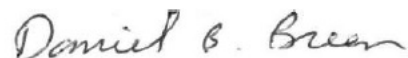
People submitting comments are advised that all comments received will be available for public review in their entirety and will be considered a matter of public record.

Comments should be submitted in writing by the above date. If you have any questions, please contact Michael Wierbonics at michael.s.wierbonics@usace.army.mil, (978) 618-0812, (800) 343-4789 or (800) 362-4367.

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

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

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



Daniel Breen
Chief, Transportation and Utilities Section
Regulatory Division

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil

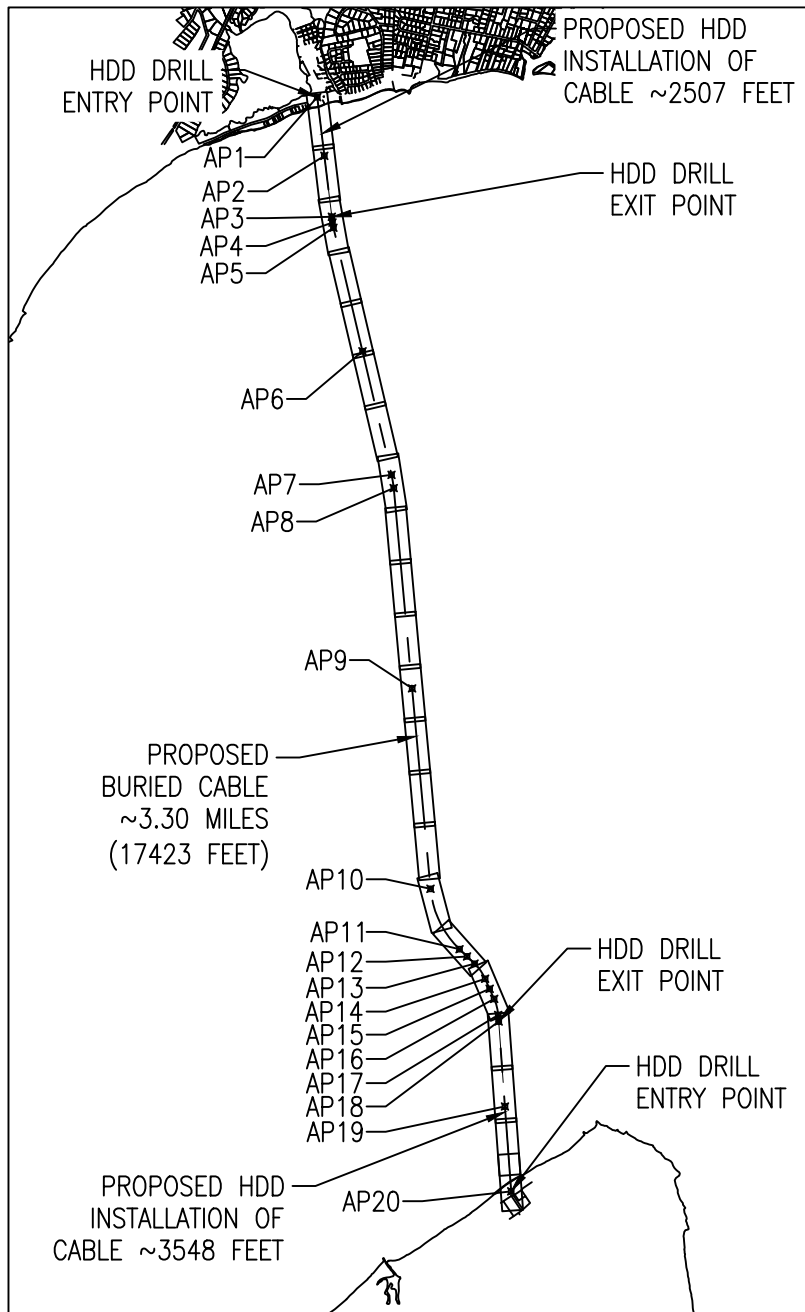
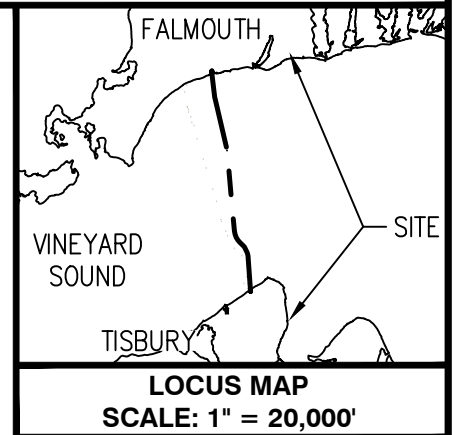
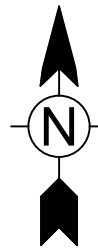
I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

NAME

DATE

DRAWING INDEX

SHEET	TITLE
1	COVER
2	WATERFRONT BOUNDARIES AND FEATURES
3	FALMOUTH LANDING - PLAN & PROFILE
4-23	SUBMARINE ROUTE - PLAN & PROFILE
24	TISBURY LANDING - PLAN & PROFILE
25	HDD EXIT DETAIL AND ALIGNMENT POINTS
26	SECONDARY CABLE PROTECTION DETAIL
27	ABUTTER'S INFORMATION
28-29	CROSS SECTION DETAILS

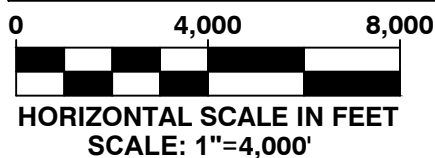


ALIGNMENT POINTS CHART SHOWN ON SHEET 25

ABUTTER'S INFORMATION SHOWN ON SHEET 27

DATUM VIA BUZZARDS BAY
INTERACTIVE TIDAL DATUM VIEWER (NAVD 88)

	FALMOUTH		TISBURY	
	#804	MLLW	#650	MLLW
MAX TIDE	+9.42'	+10.68'	+9.42'	+10.88'
MHHW	+0.40'	+1.66'	+0.62'	+2.08'
MHW	+0.15'	+1.41'	+0.26'	+1.72'
NAVD 88	+0.00'	+1.26'	+0.00'	+1.46'
MLW	-0.94'	+0.32'	-1.18'	+1.28'
MLLW	-1.26'	+0.00'	-1.46'	+0.00'



EXISTING CONDITIONS
SHEET 1 OF 29
MARCH 19, 2024

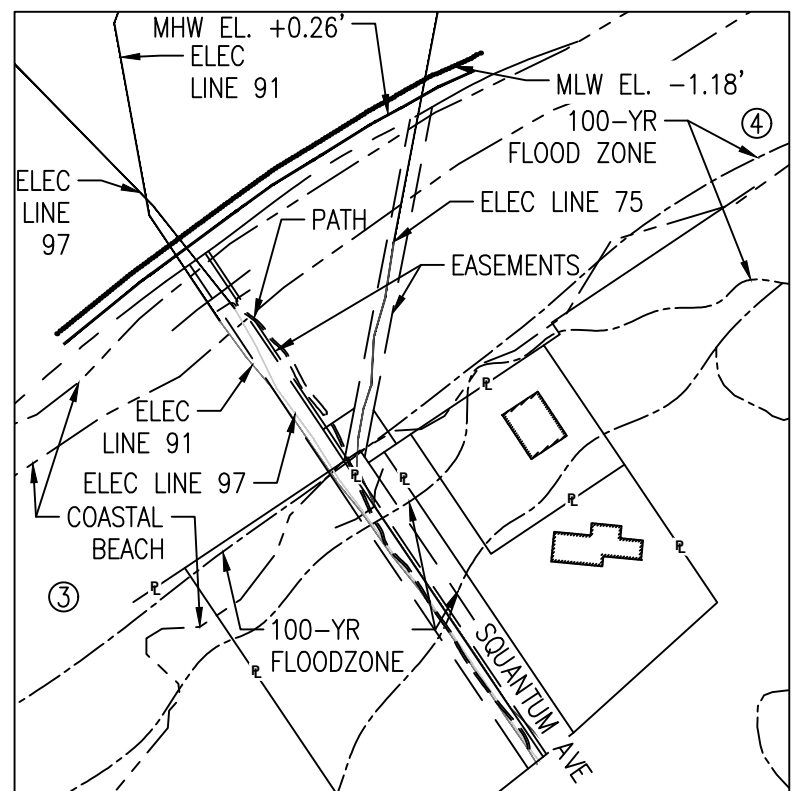
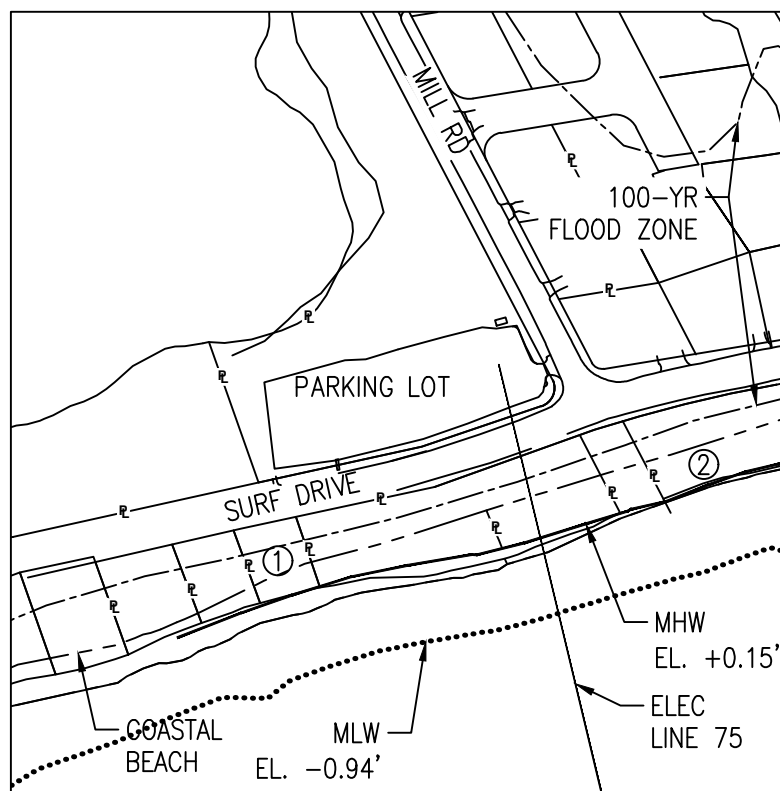
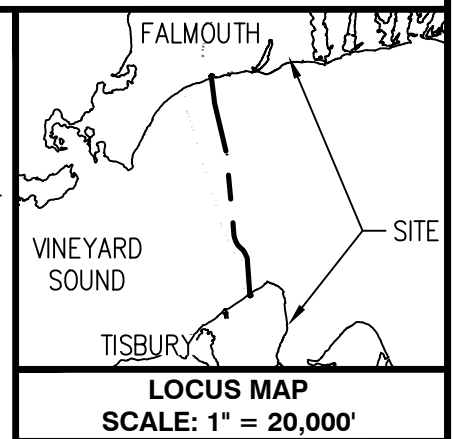
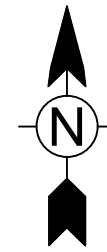
FOR PERMIT USE ONLY NOT APPROVED FOR CONSTRUCTION

PLAN ACCOMPANYING PETITION OF NSTAR ELECTRIC CO. D/B/A EVERSOURCE ENERGY TO CONSTRUCT AND MAINTAIN A BURIED SUBMARINE CABLE WITHIN VINEYARD SOUND FALMOUTH, BARNSTABLE COUNTY, MASSACHUSETTS TO TISBURY, DUKES COUNTY, MASSACHUSETTS.

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DATE _____

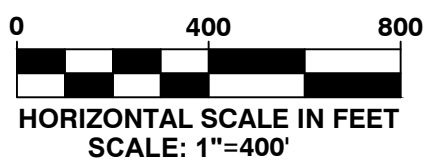


LEGEND

- HISTORIC HIGH WATER
- MEAN HIGH WATER (MHW/OHW, EL. +0.15'/+0.26' NAVD88)
- MEAN LOW WATER (MLW/OHW, EL. -0.94'/-1.18' NAVD88)
- . - . STATE HARBOR LINES
- FEMA FLOODPLAIN ZONE AE BOUNDARY
- EXISTING CONTOURS
- Ⓝ ABUTTER INFORMATION - SEE SH 27
- ℙ PROPERTY LINE
- PROJECT SITE
- STONE GROIN
- ▨ BUILDING

EXISTING CONDITIONS

SHEET 2 OF 29
MARCH 19, 2024

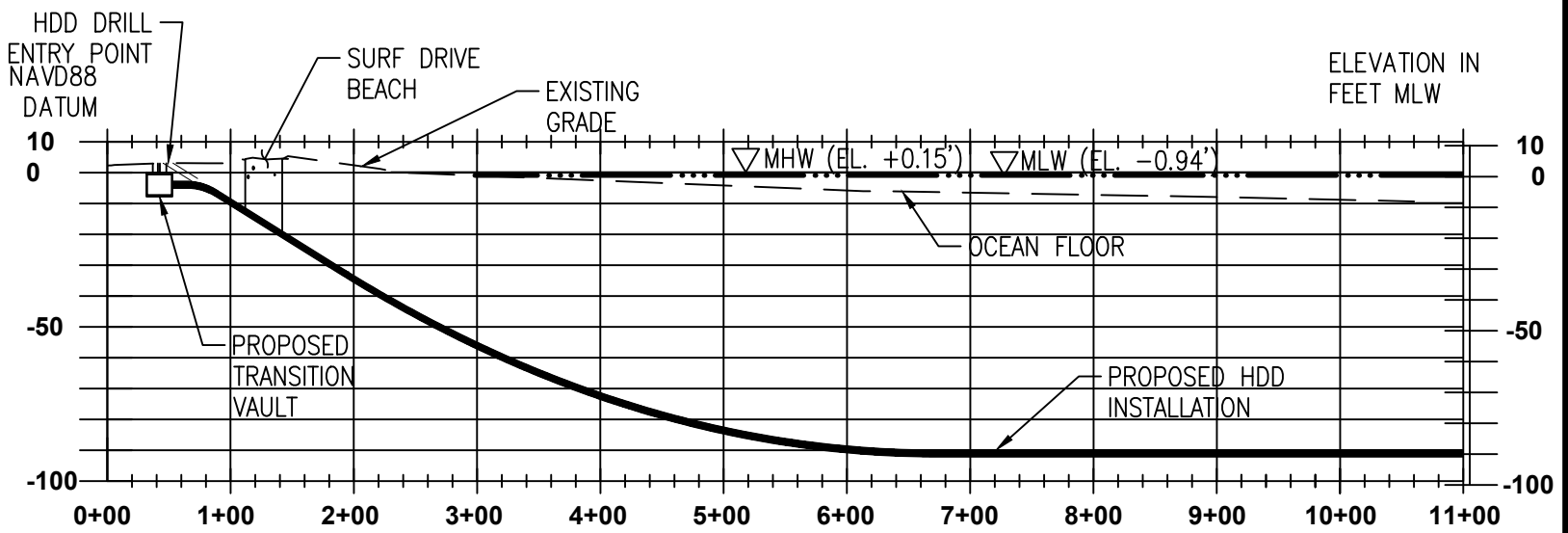
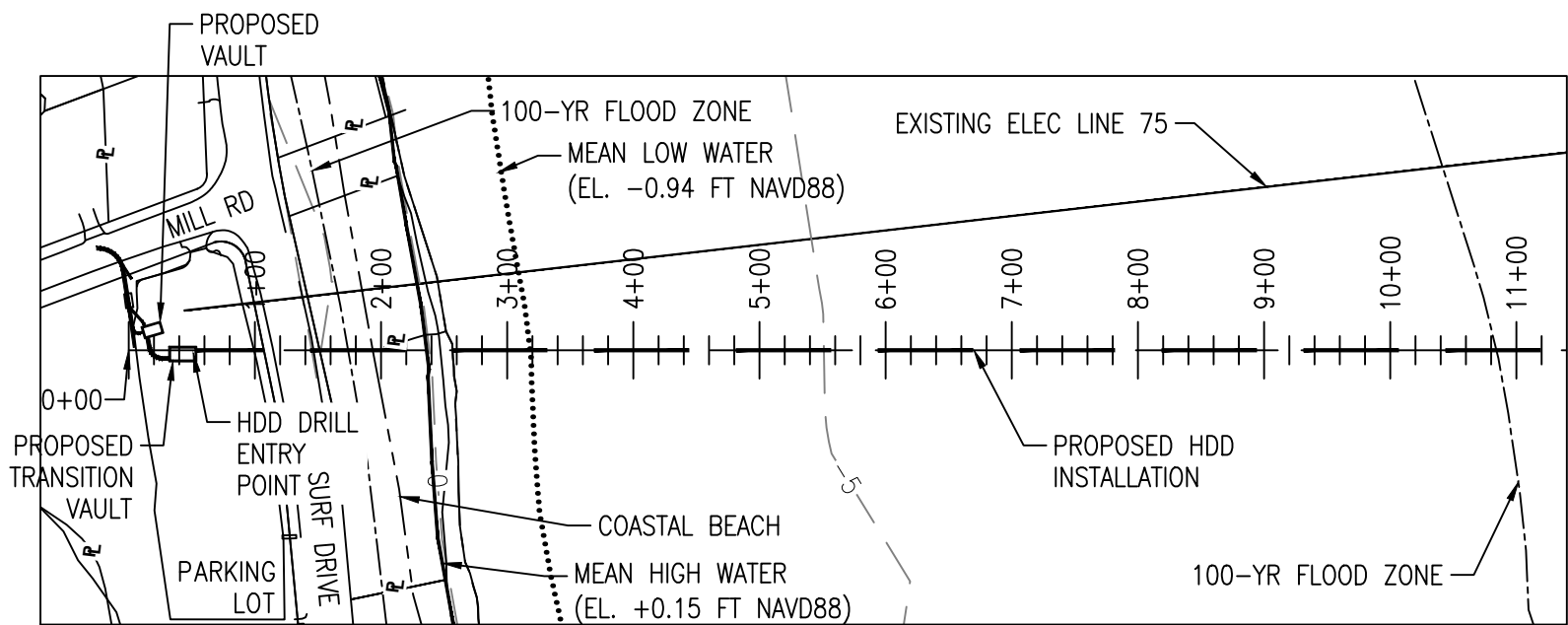
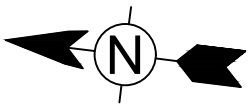


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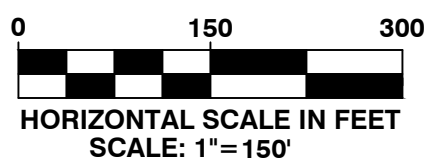
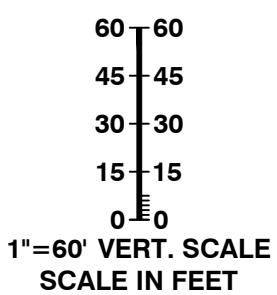
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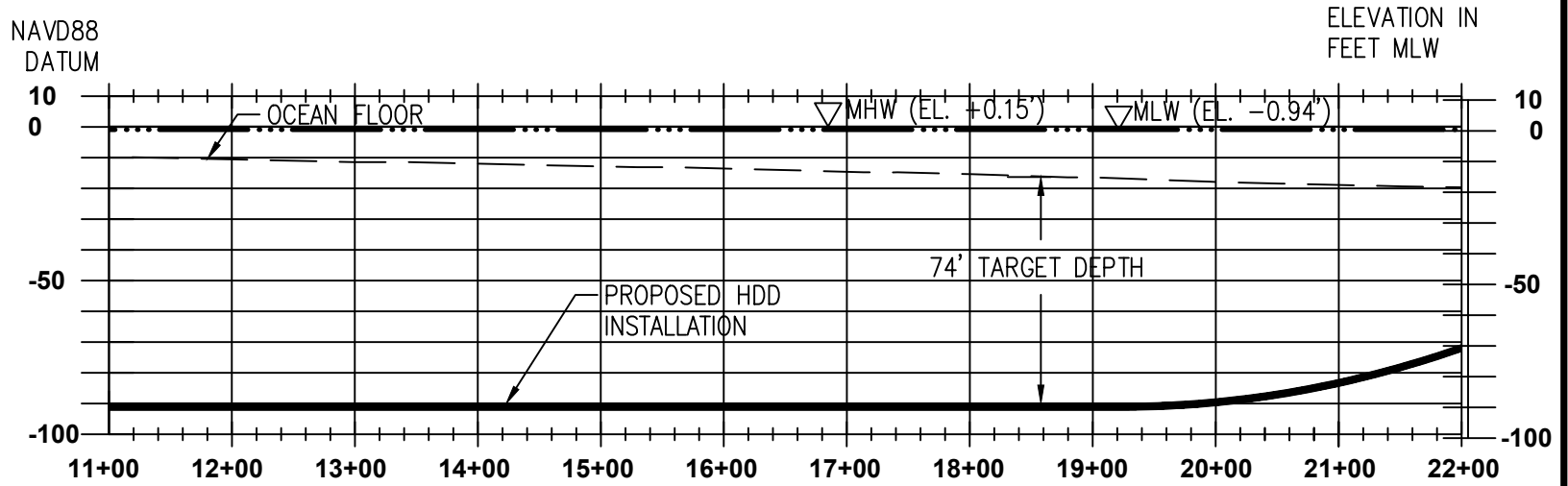
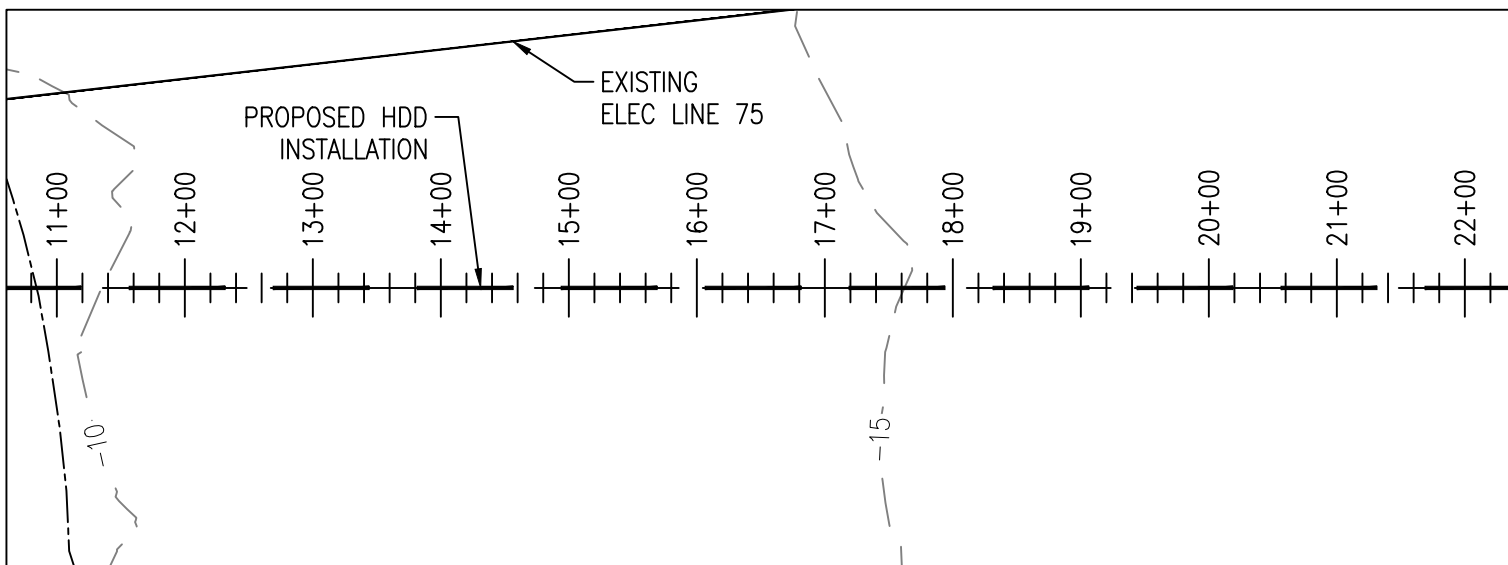
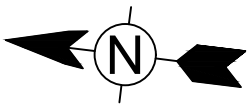
SHEET 3 OF 29
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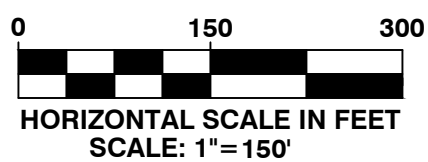
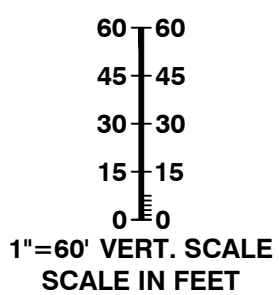
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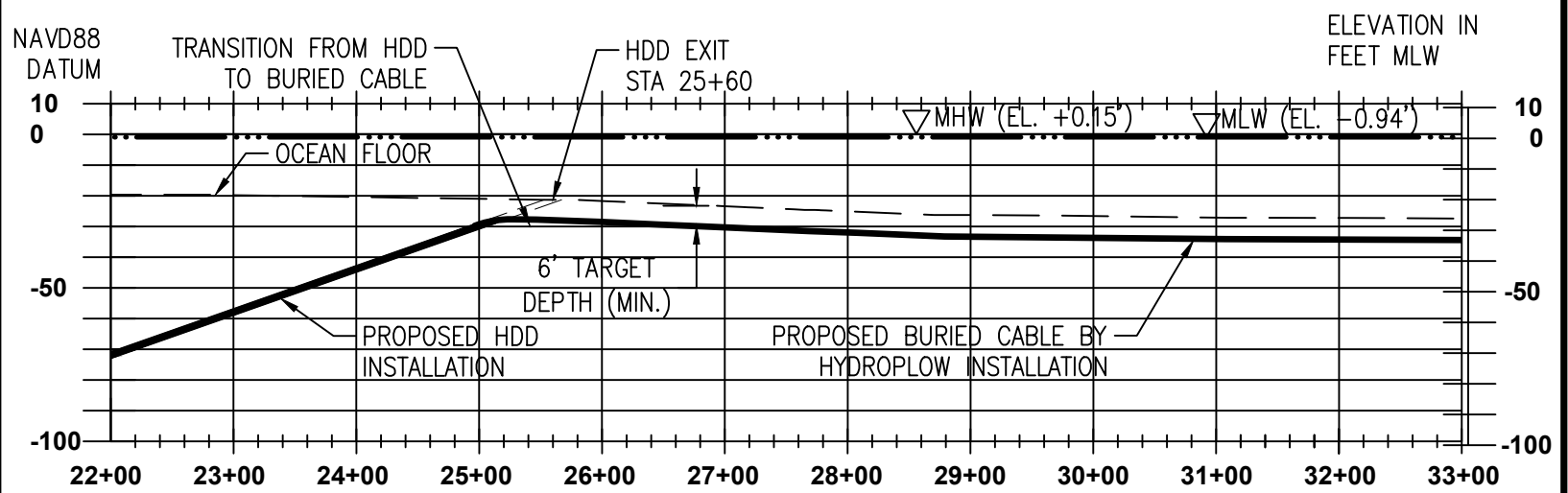
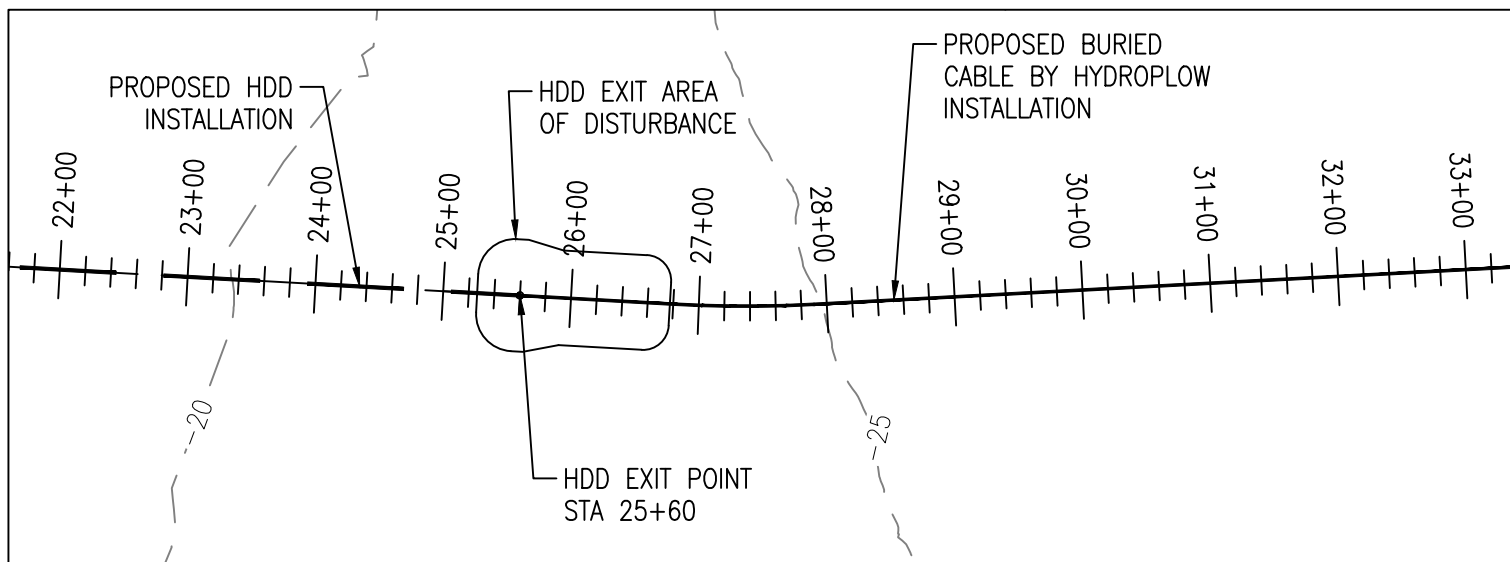
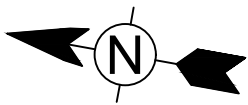
SHEET 4 OF 29
MARCH 19, 2024



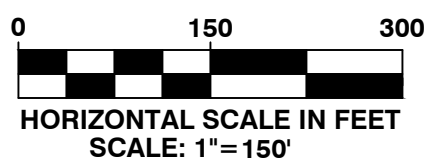
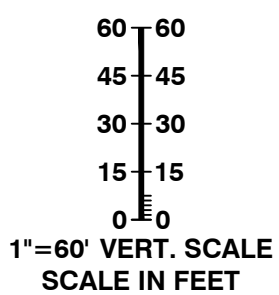
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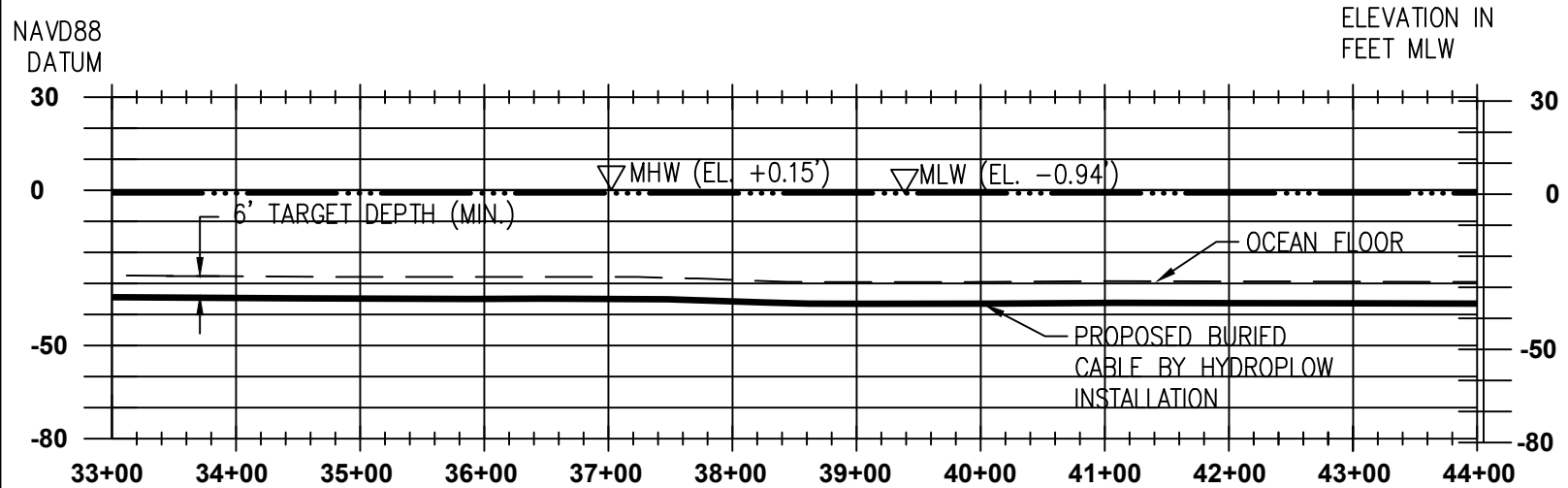
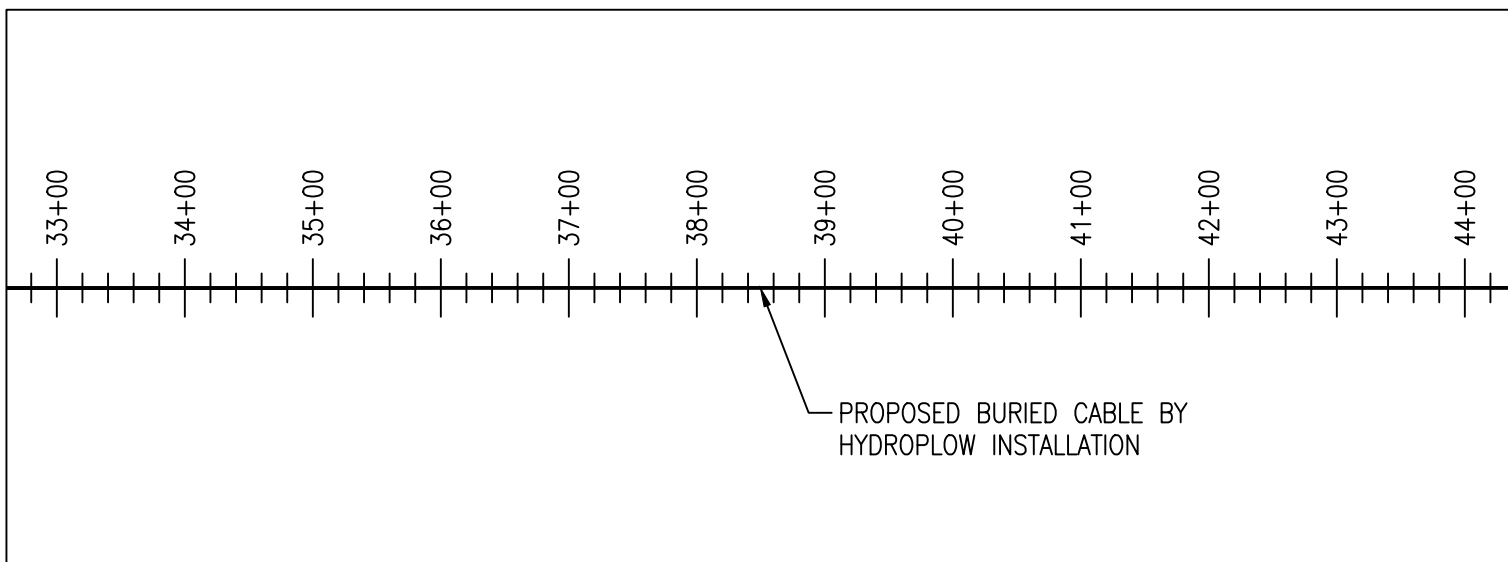
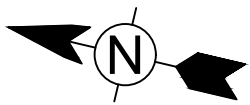
PROPOSED CONDITIONS
SHEET 5 OF 29
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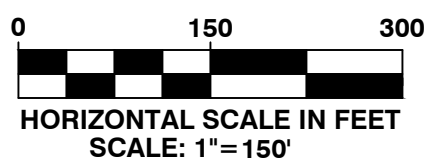
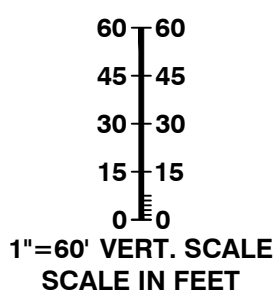
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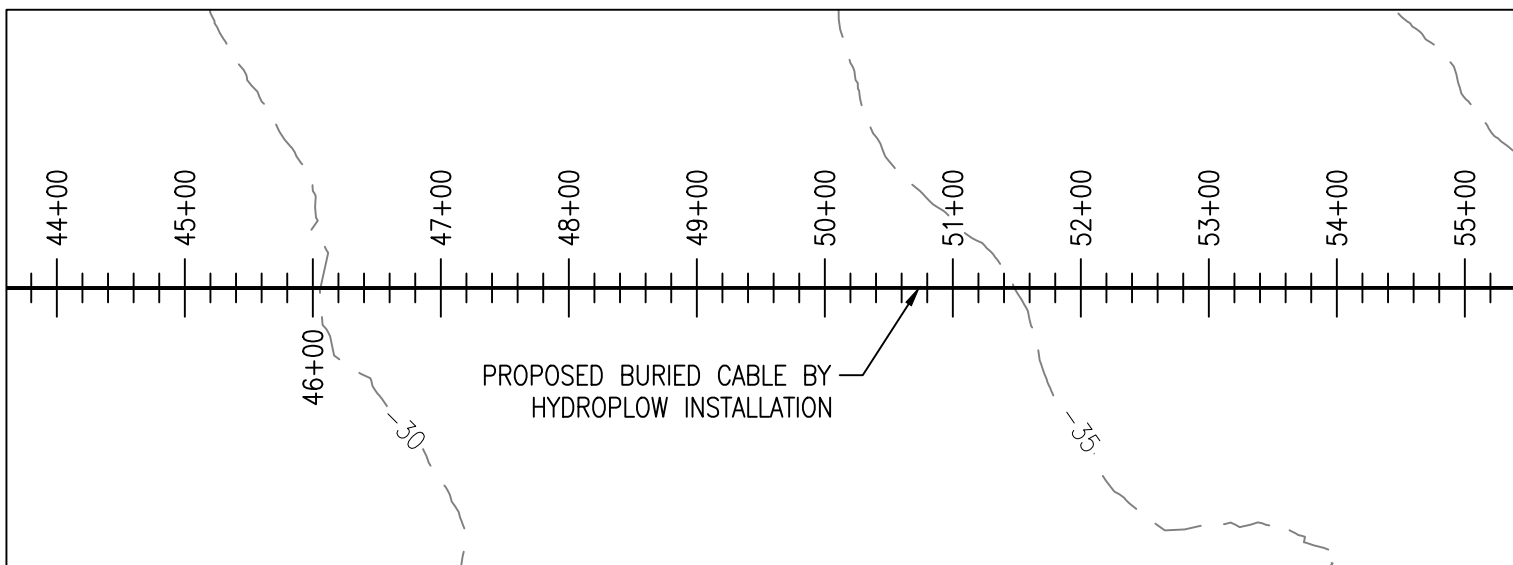
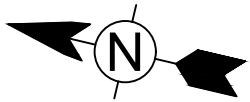
SHEET 6 OF 29
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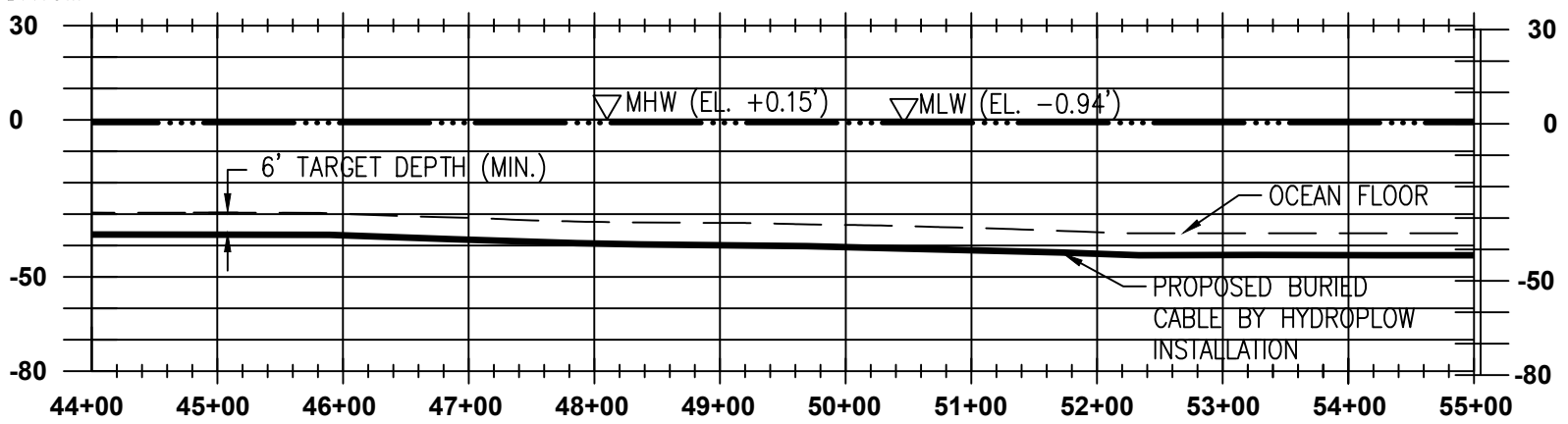
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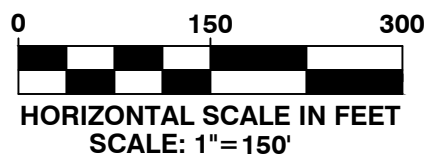
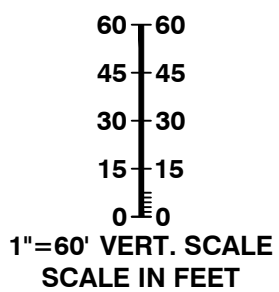
NAVD88
DATUM

ELEVATION IN
FEET MLW



PROPOSED CONDITIONS

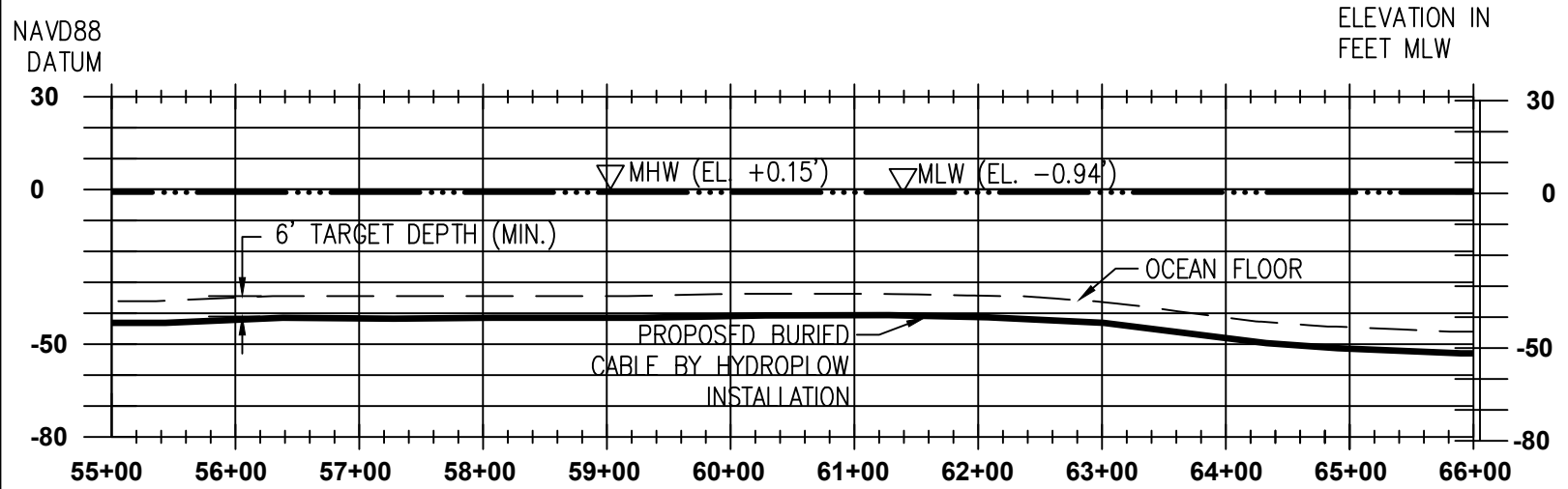
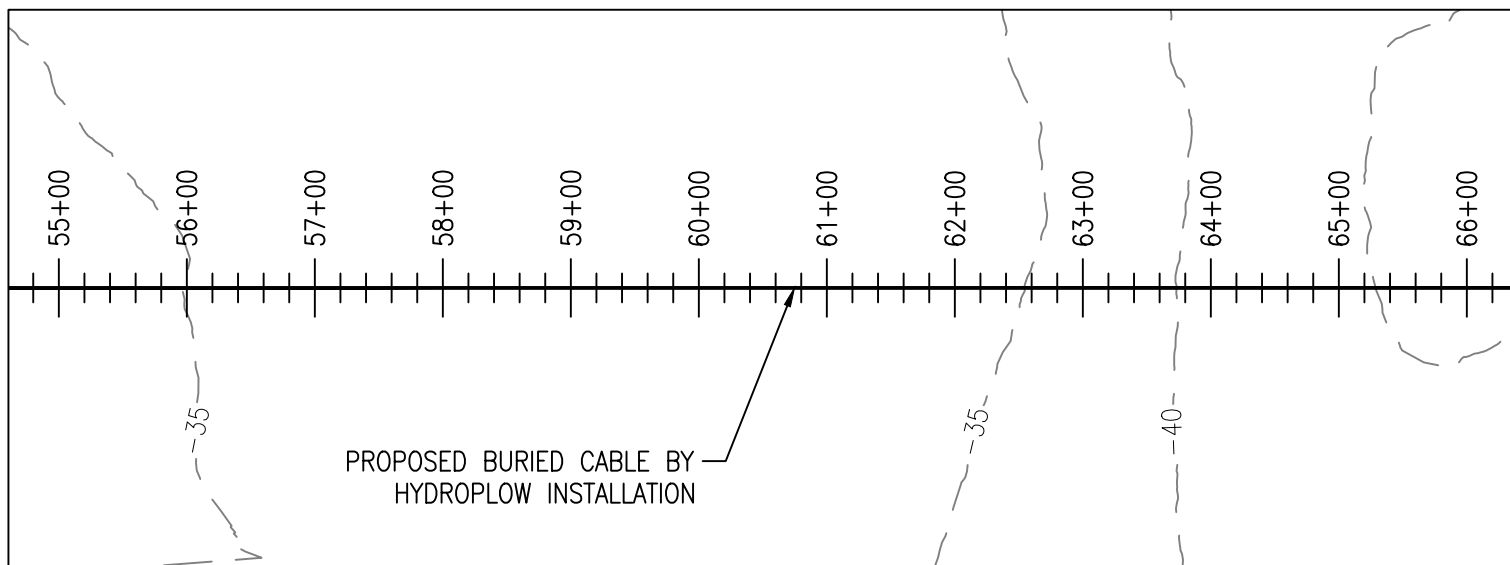
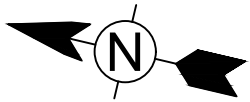
SHEET 7 OF 29
MARCH 19, 2024



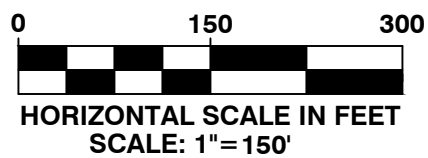
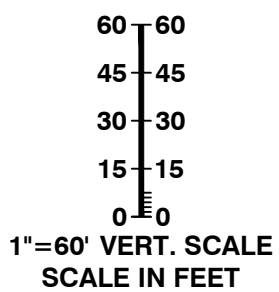
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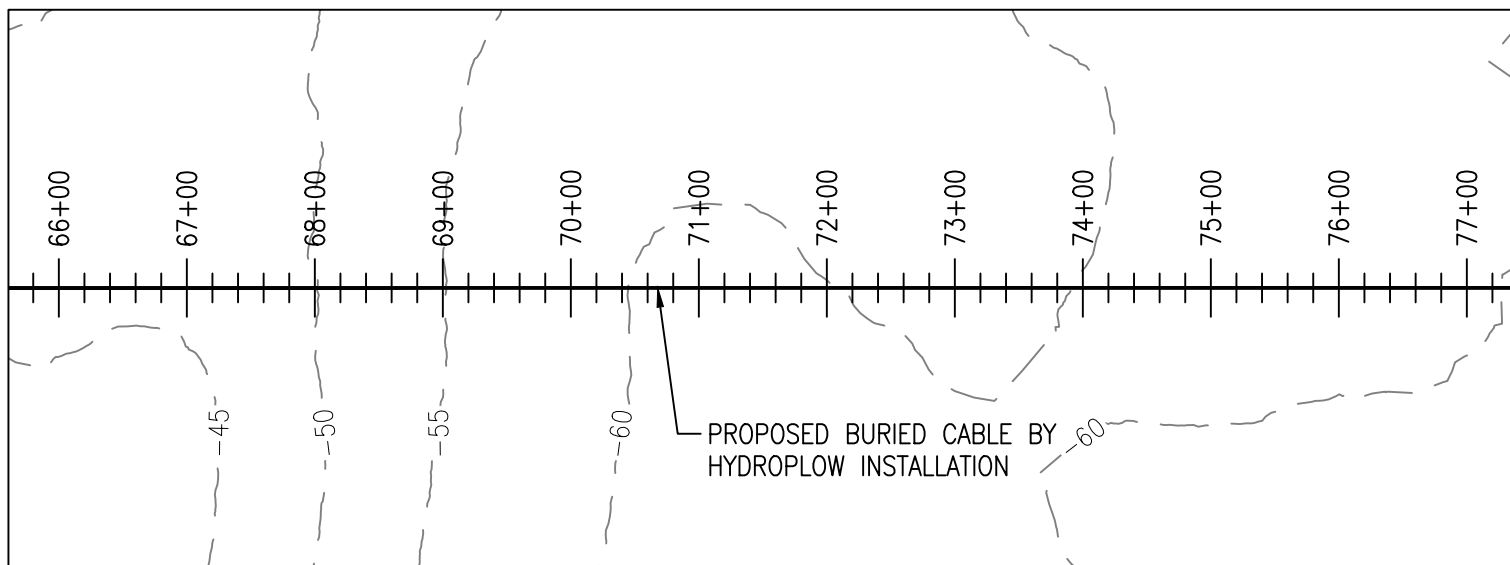
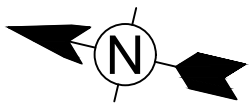
PROPOSED CONDITIONS
SHEET 8 OF 29
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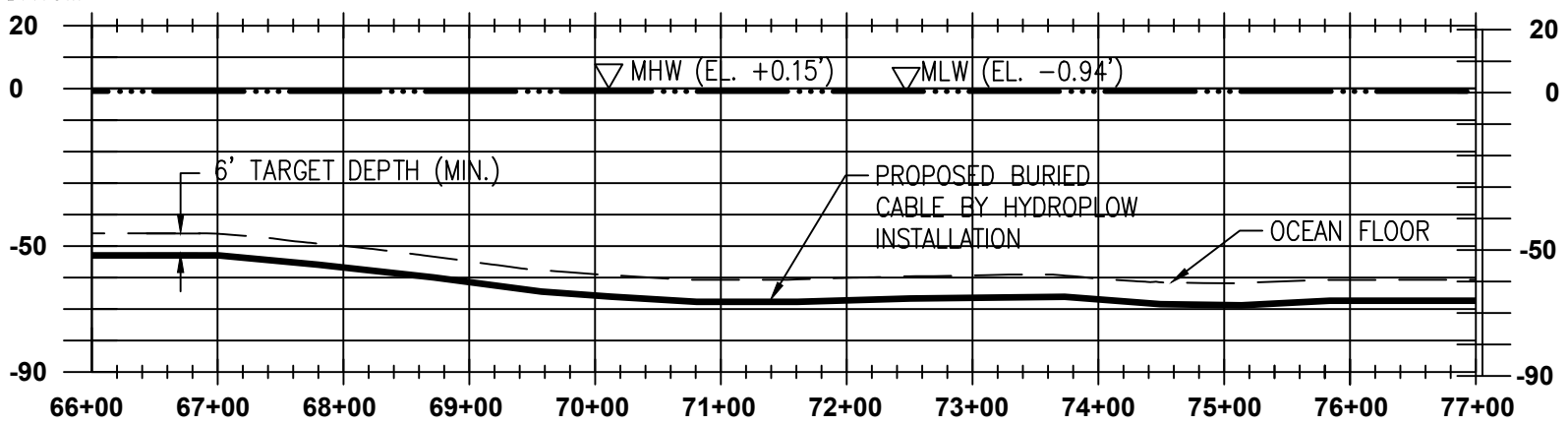
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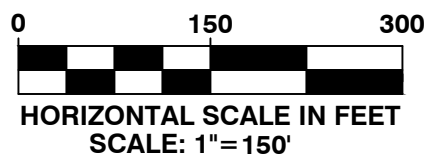
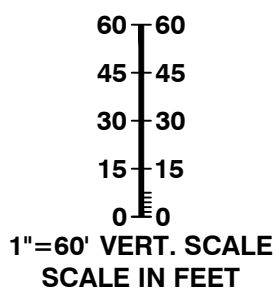
NAVD88
DATUM

ELEVATION IN
FEET MLW



PROPOSED CONDITIONS

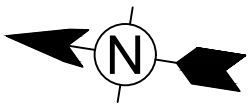
SHEET 9 OF 29
MARCH 19, 2024



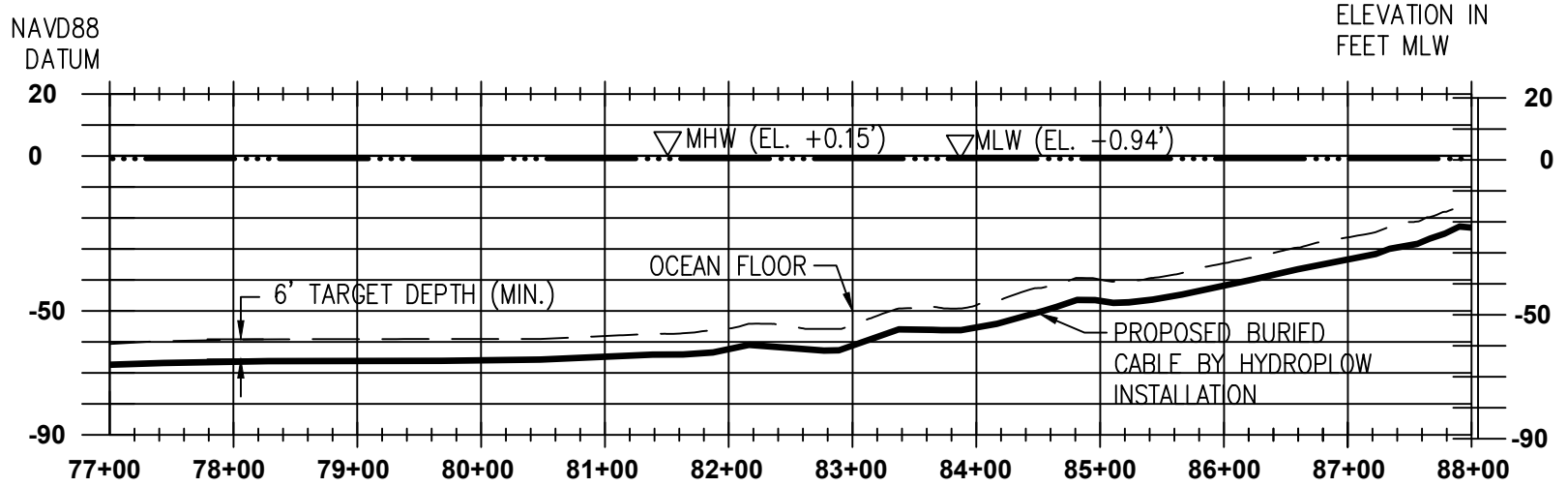
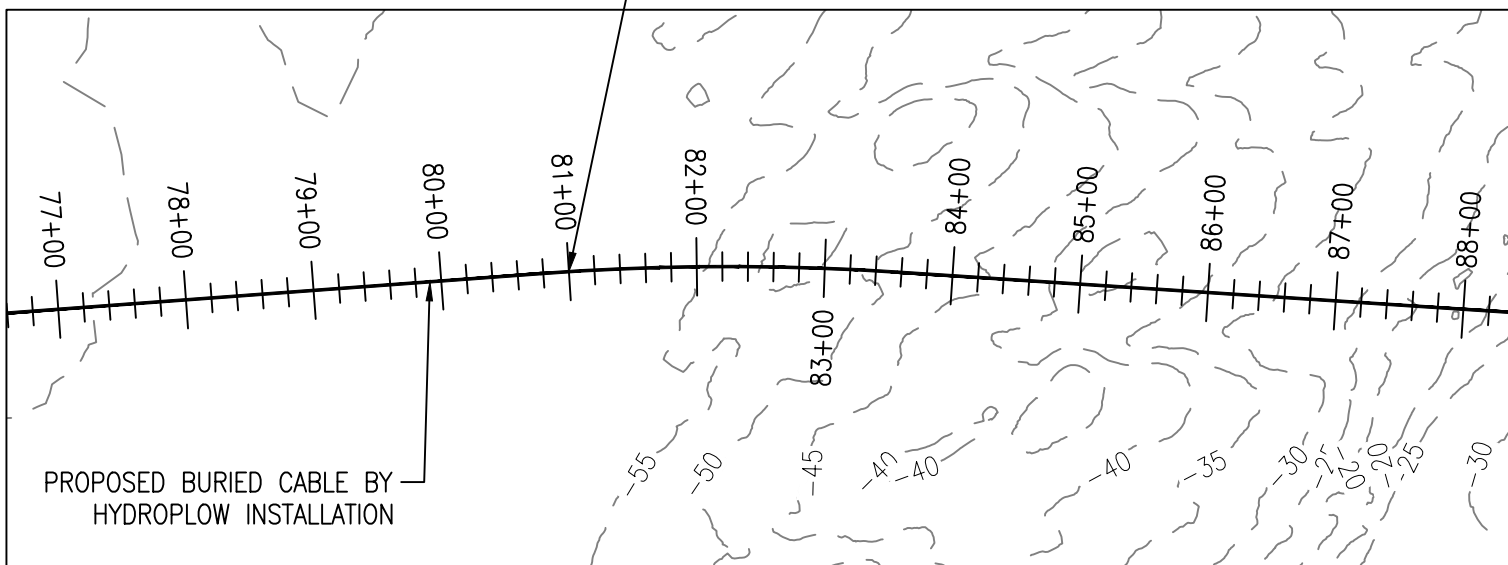
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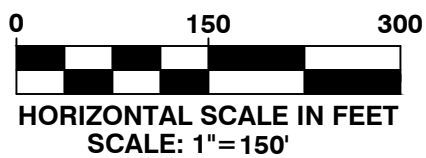
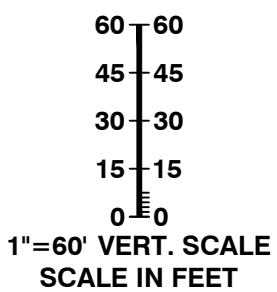
DATE _____



FROM STATION 81+00 TO 96+65 SUFFICIENT CABLE BURIAL BELOW THE SEABED MAY NOT BE ACHIEVED. AFTER REMEDIAL POST-LAY BURIAL METHODS HAVE BEEN RULED OUT, CONCRETE MATTRESS CABLE PROTECTION WOULD BE INSTALLED. ASSUMING AN AVERAGE WIDTH OF 20- FEET, THIS CORRELATES TO 31,300 SQUARE FEET OF CABLE PROTECTION. SEE SHEET 26 OF 29 FOR A TYPICAL DETAIL FOR CONCRETE MATTRESS CABLE PROTECTION.



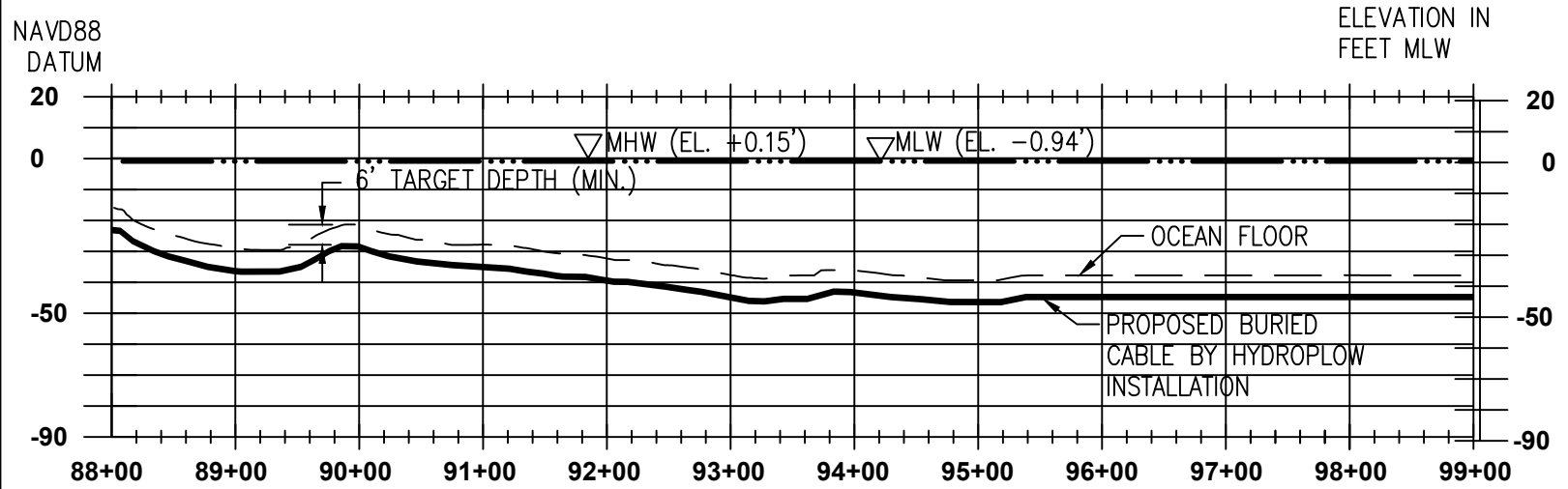
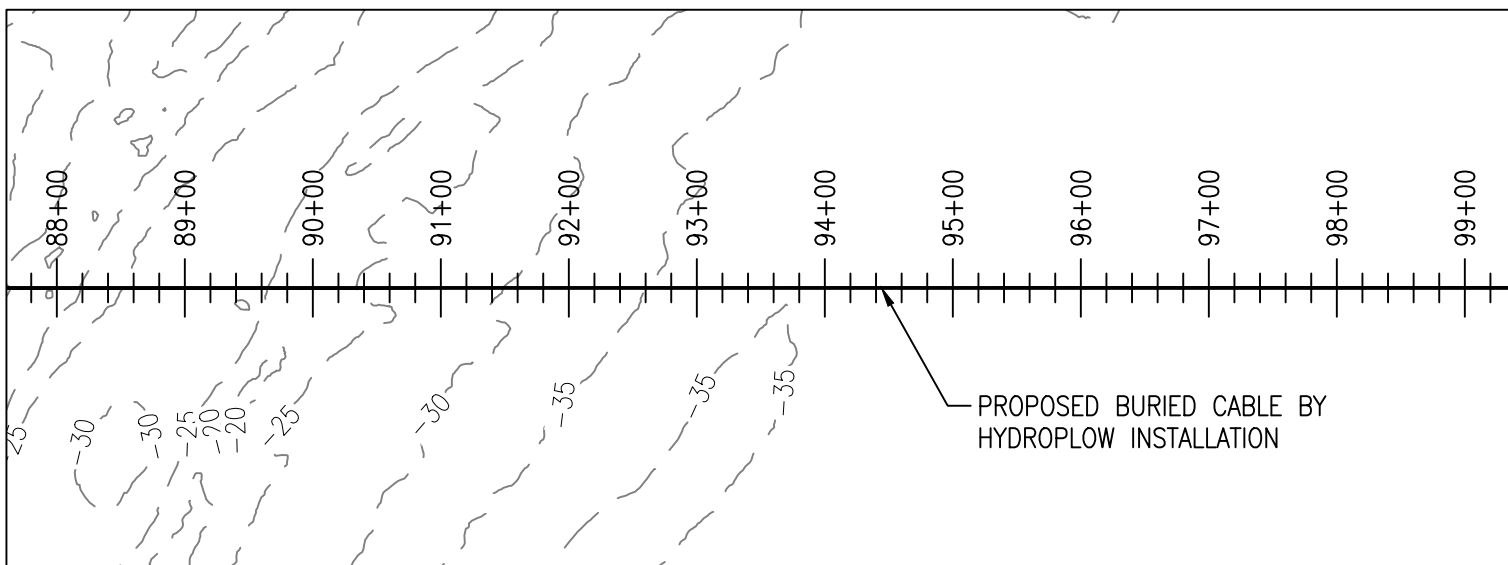
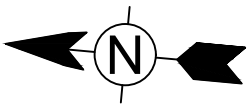
PROPOSED CONDITIONS
SHEET 10 OF 29
MARCH 19, 2024



I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

NAME _____

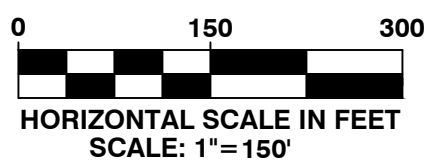
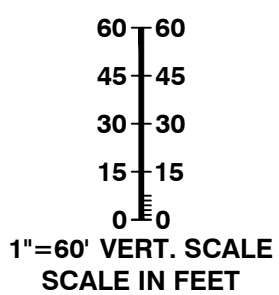
DATE _____



PROPOSED CONDITIONS

SHEET 11 OF 29

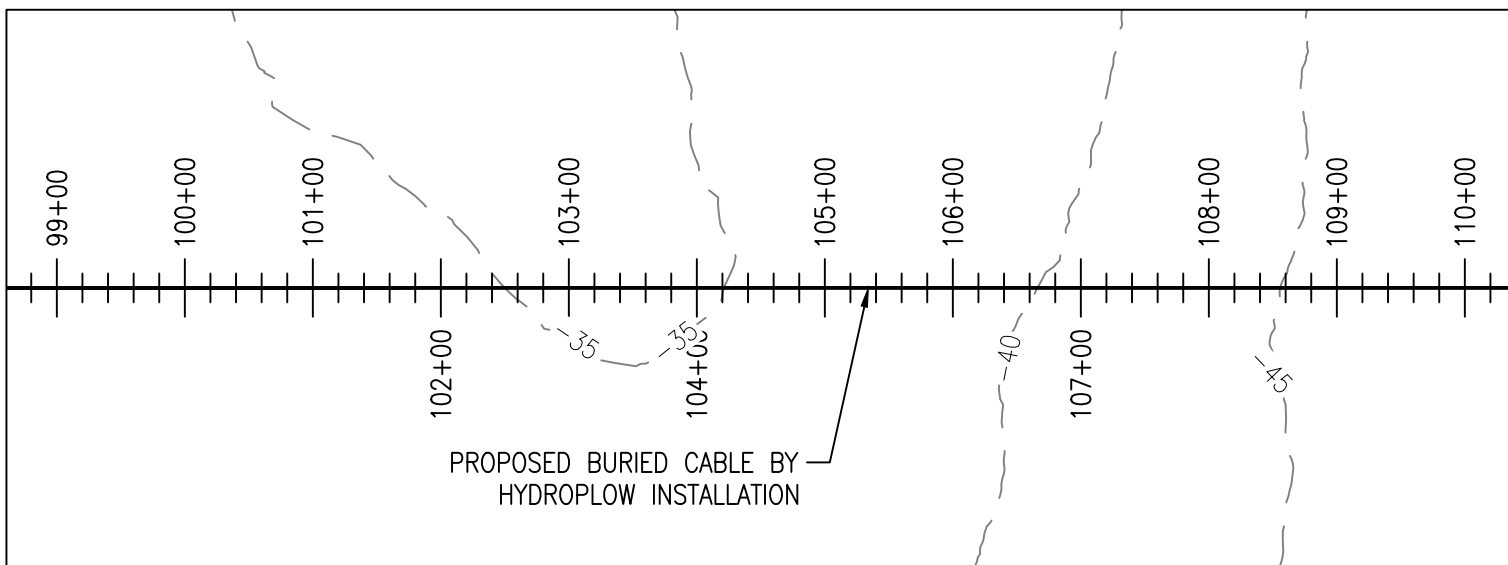
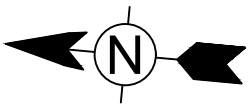
MARCH 19, 2024



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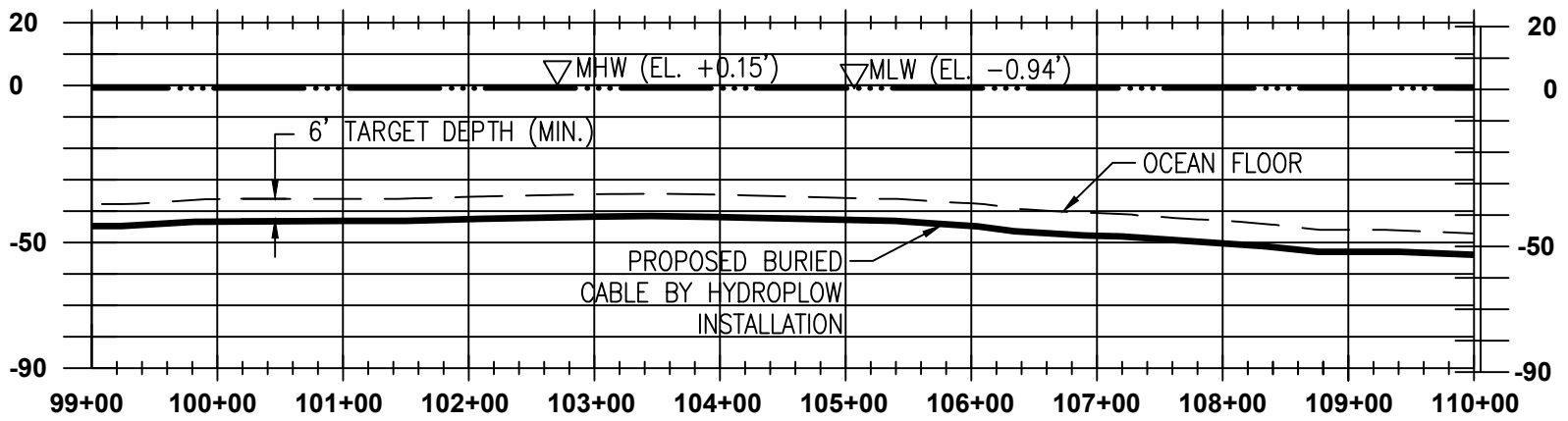
NAME _____

DATE _____



NAVD88
DATUM

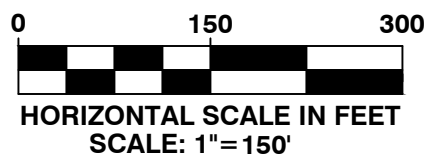
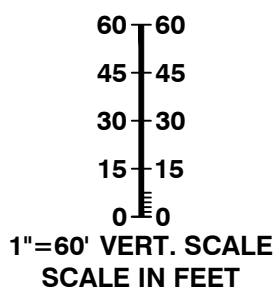
ELEVATION IN
FEET MLW



PROPOSED CONDITIONS

SHEET 12 OF 29

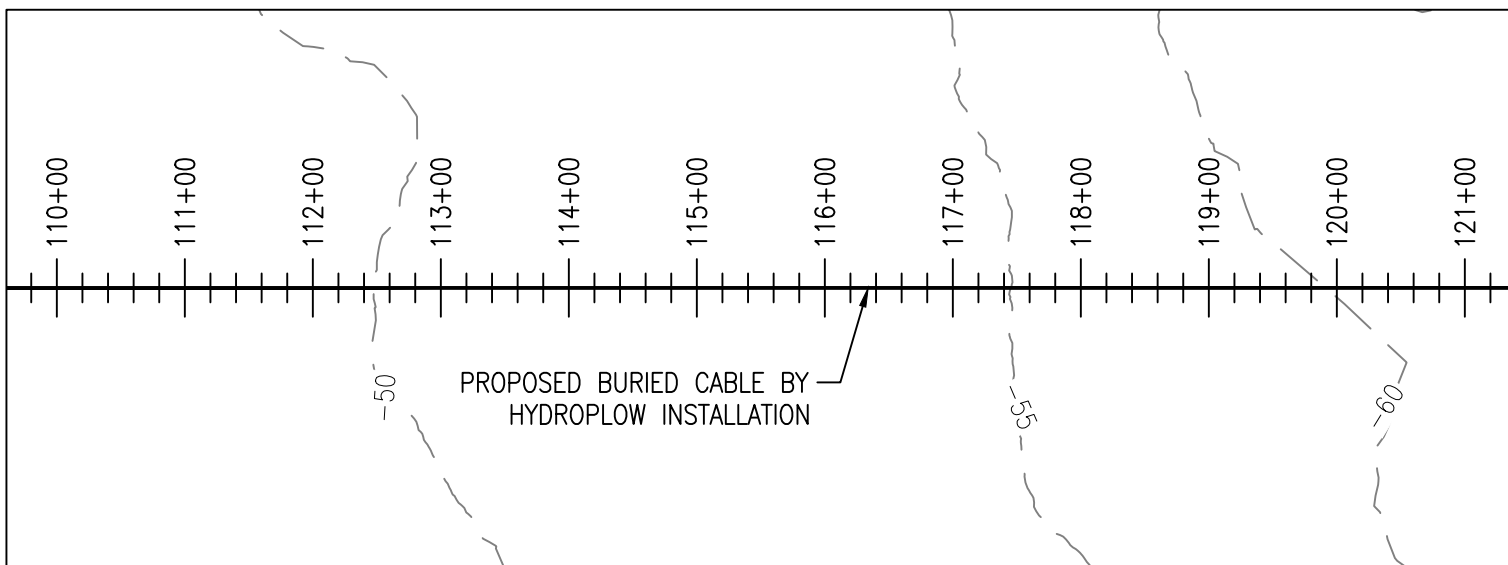
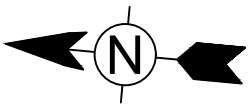
MARCH 19, 2024



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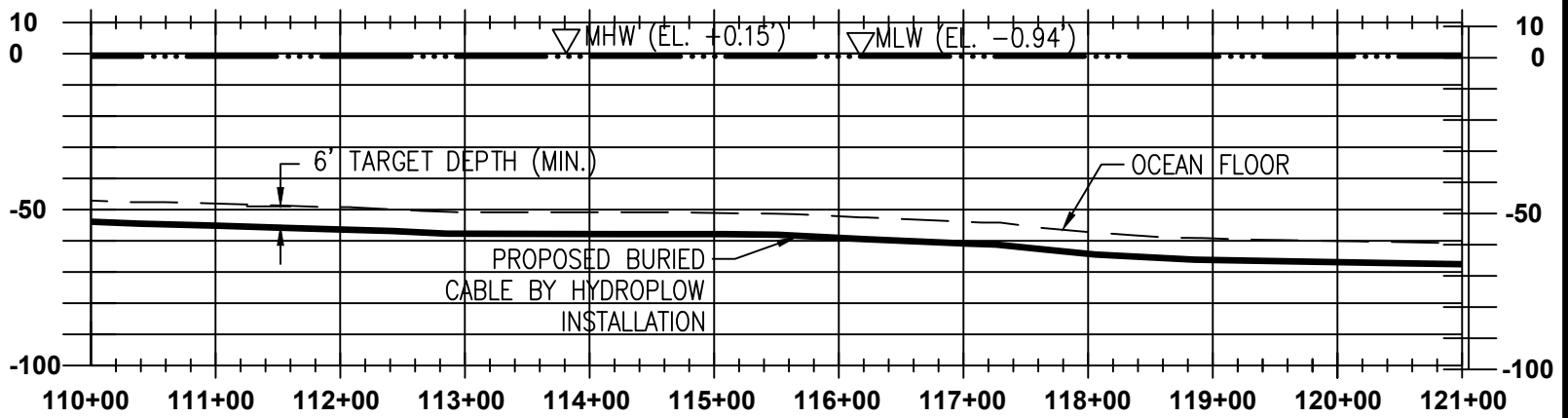
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DATE _____



NAVD88
DATUM

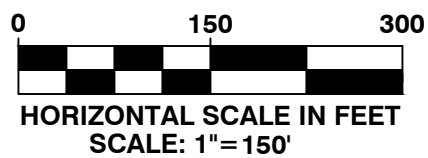
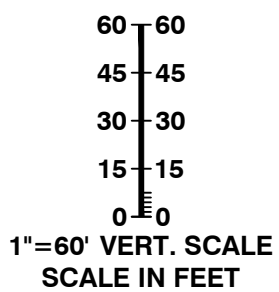
ELEVATION IN
FEET MLW



PROPOSED CONDITIONS

SHEET 13 OF 29

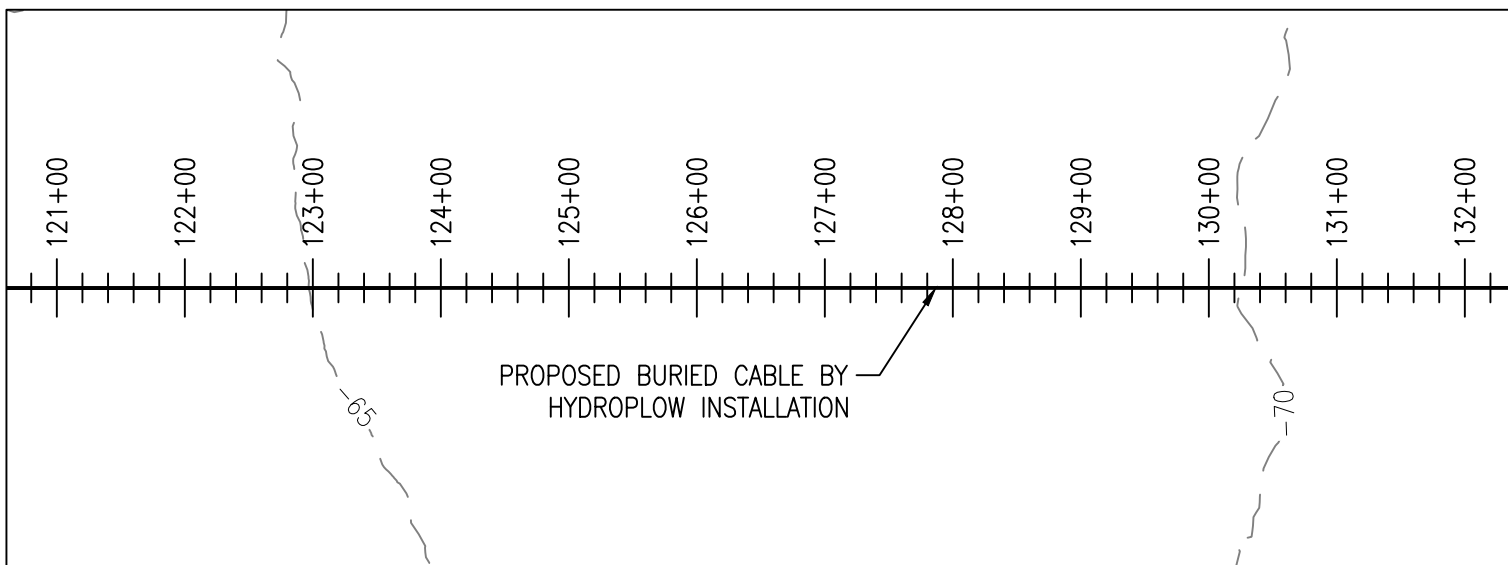
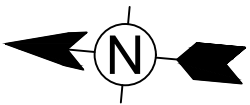
MARCH 19, 2024



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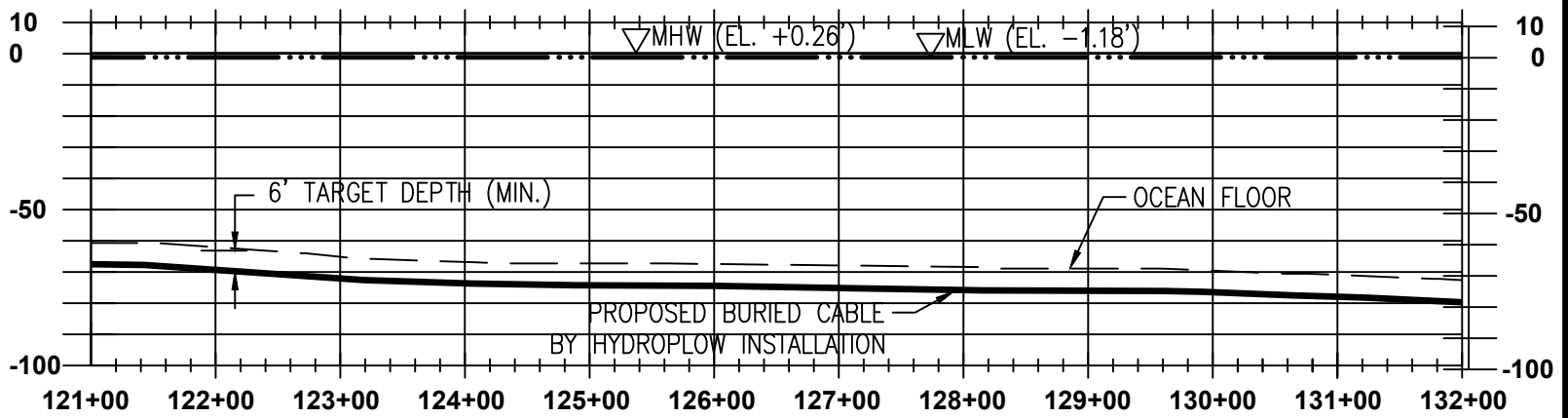
NAME _____

DATE _____



NAVD88
DATUM

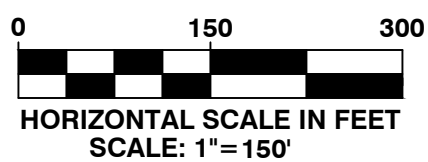
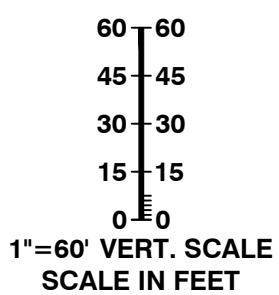
ELEVATION IN
FEET MLW



PROPOSED CONDITIONS

SHEET 14 OF 29

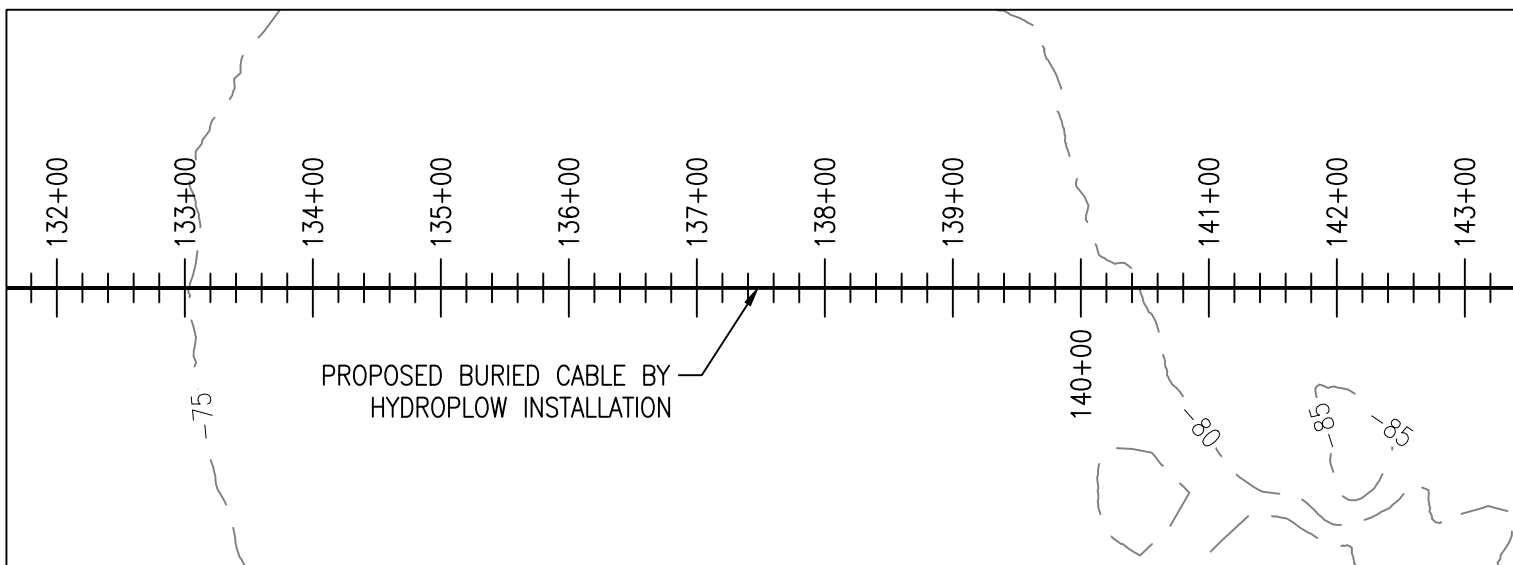
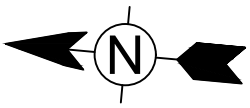
MARCH 19, 2024



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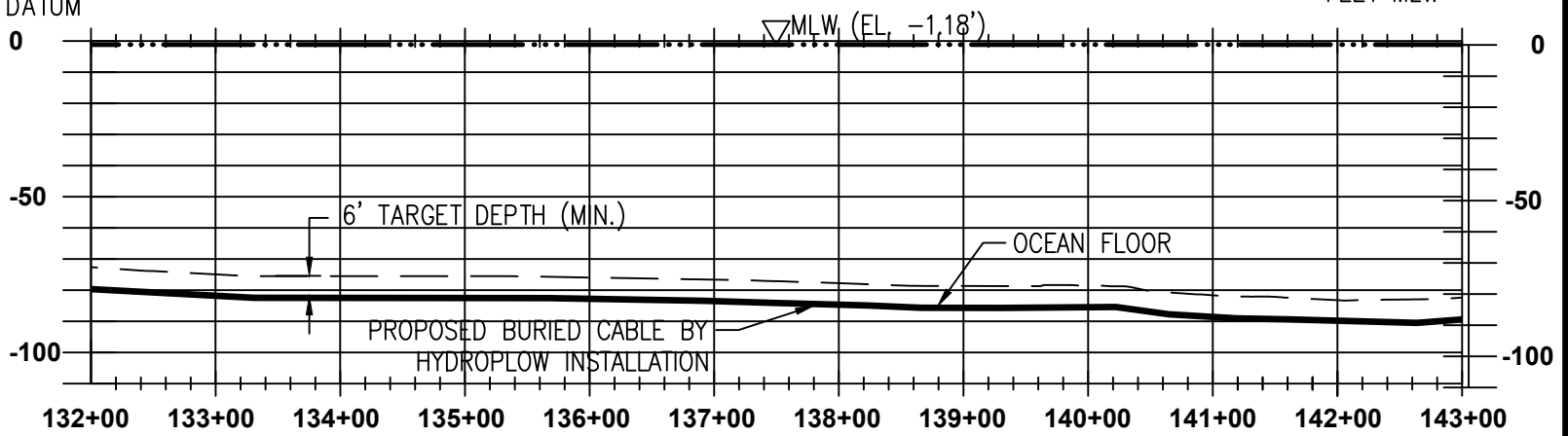
NAME _____

DATE _____



NAVD88
DATUM

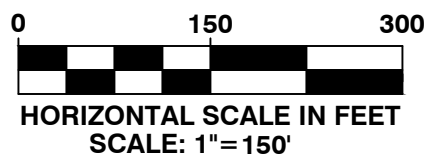
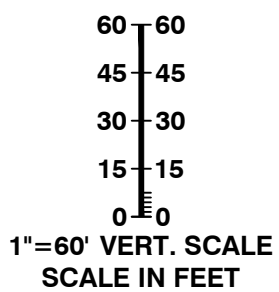
ELEVATION IN
FEET MLW



PROPOSED CONDITIONS

SHEET 15 OF 29

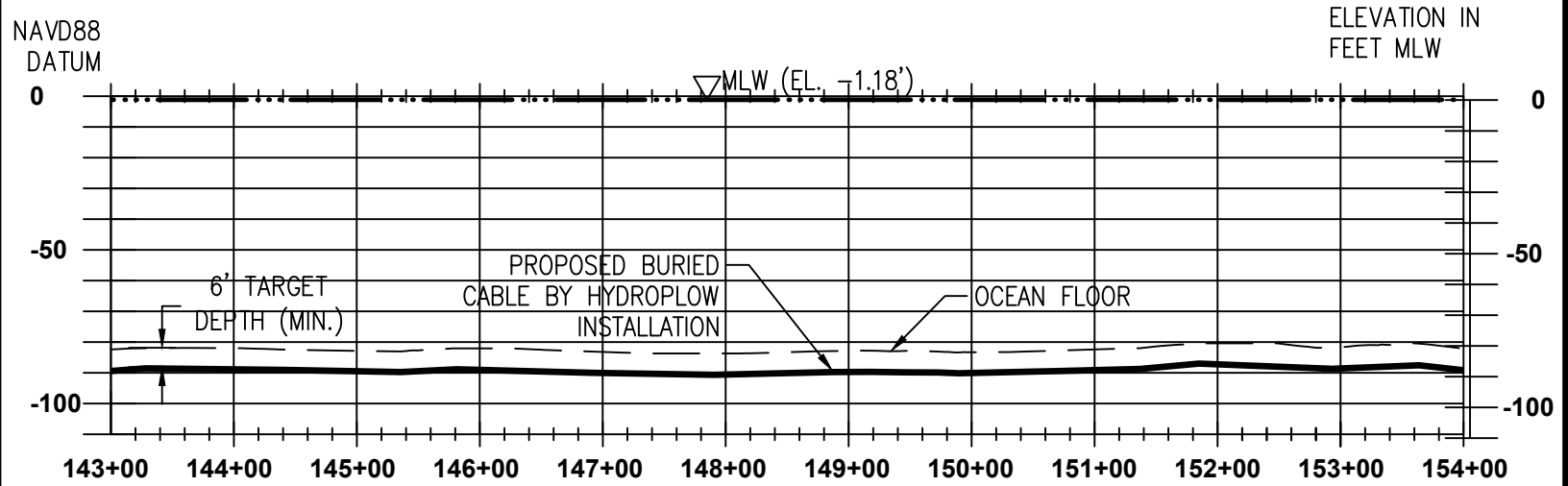
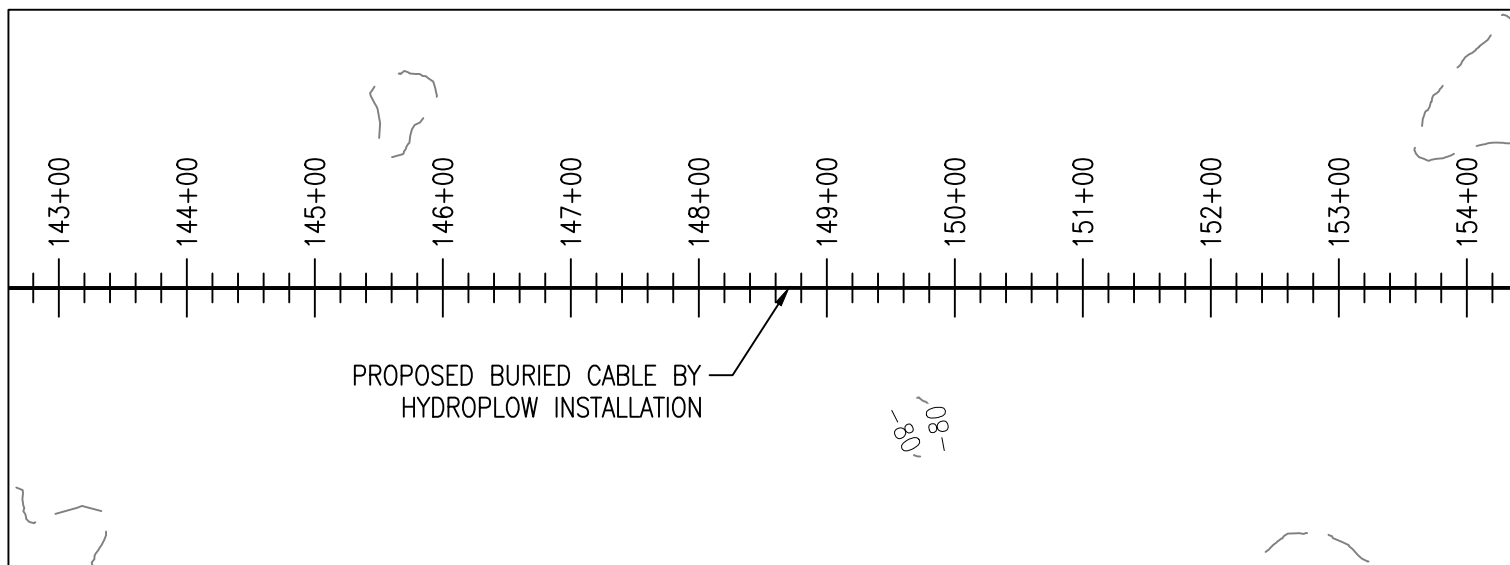
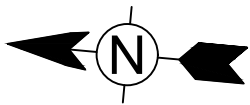
MARCH 19, 2024



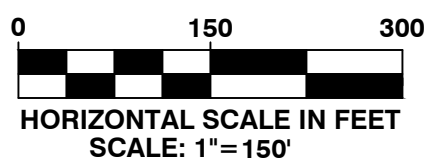
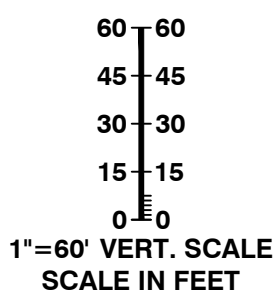
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NAME _____

DATE _____



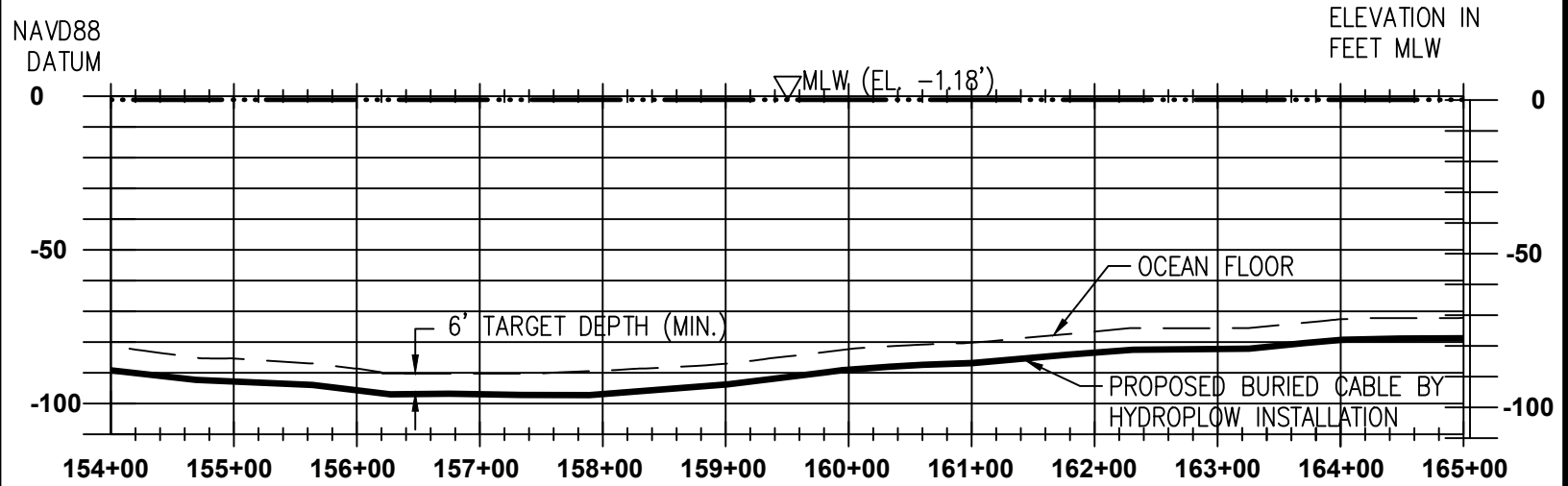
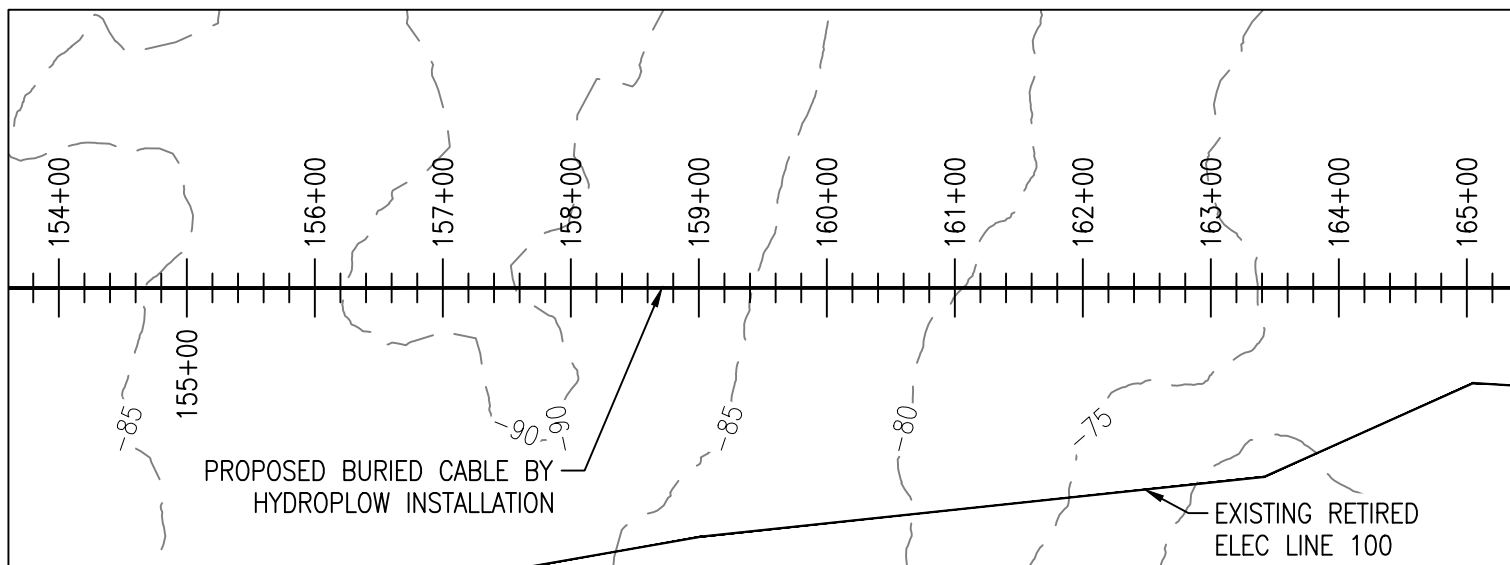
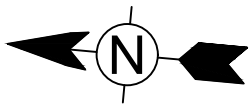
PROPOSED CONDITIONS
SHEET 16 OF 29
MARCH 19, 2024



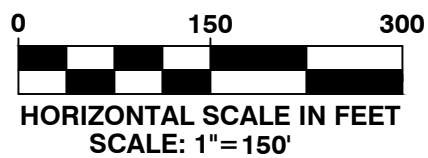
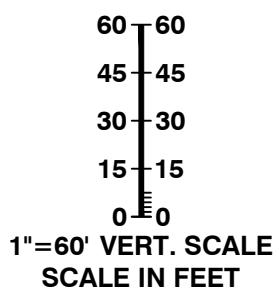
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NAME _____

DATE _____



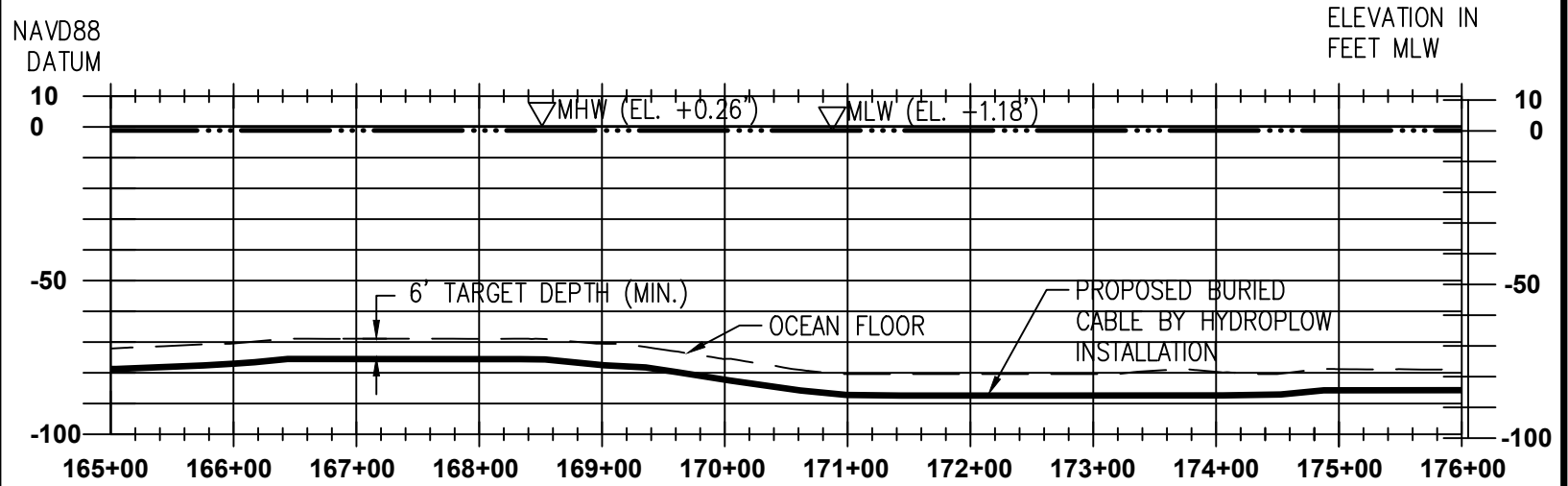
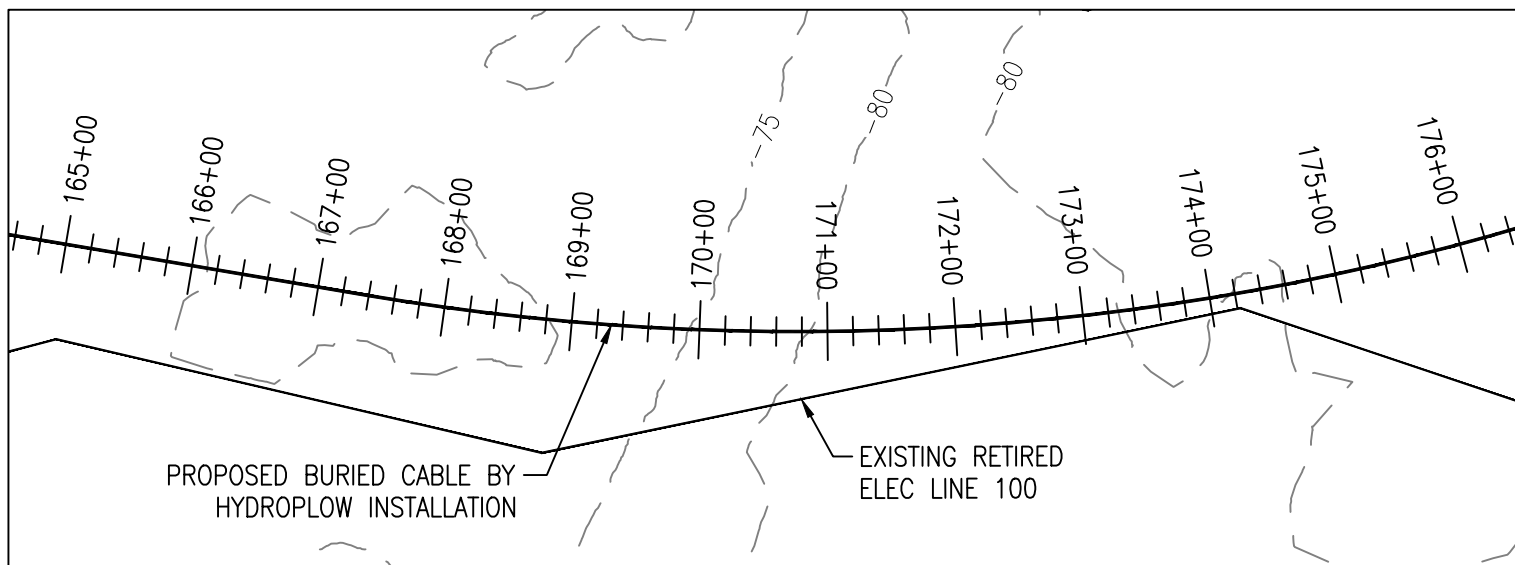
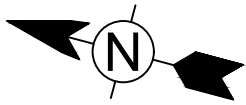
PROPOSED CONDITIONS
SHEET 17 OF 29
MARCH 19, 2024



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NAME _____

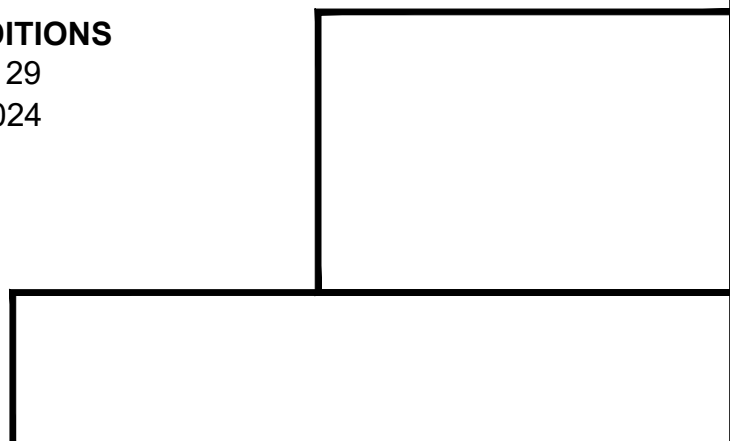
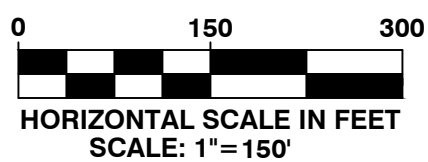
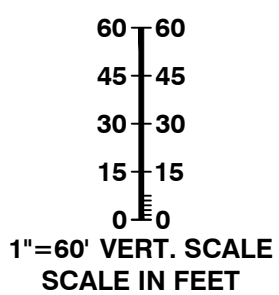
DATE _____



PROPOSED CONDITIONS

SHEET 18 OF 29

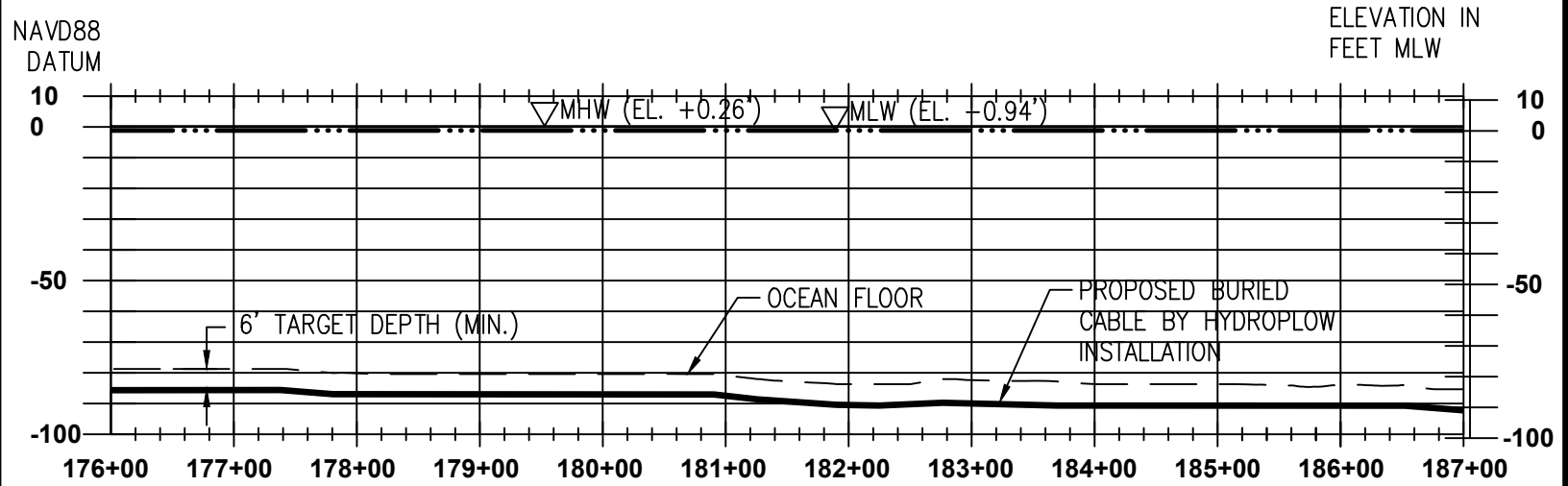
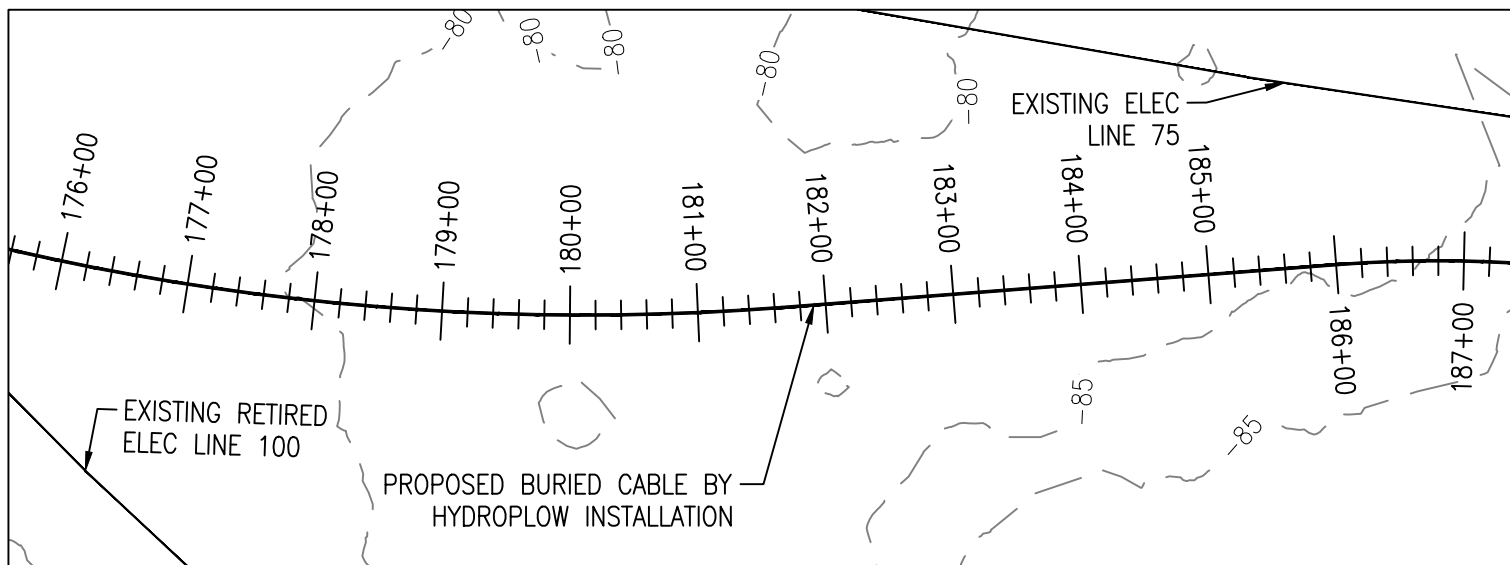
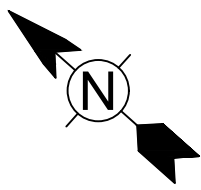
MARCH 19, 2024



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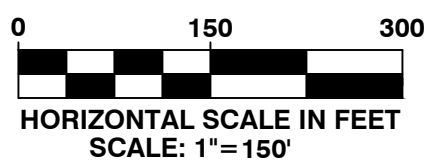
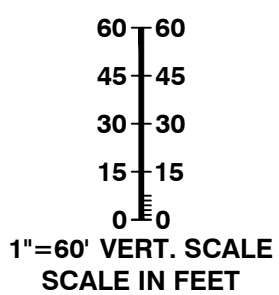
DATE _____



PROPOSED CONDITIONS

SHEET 19 OF 29

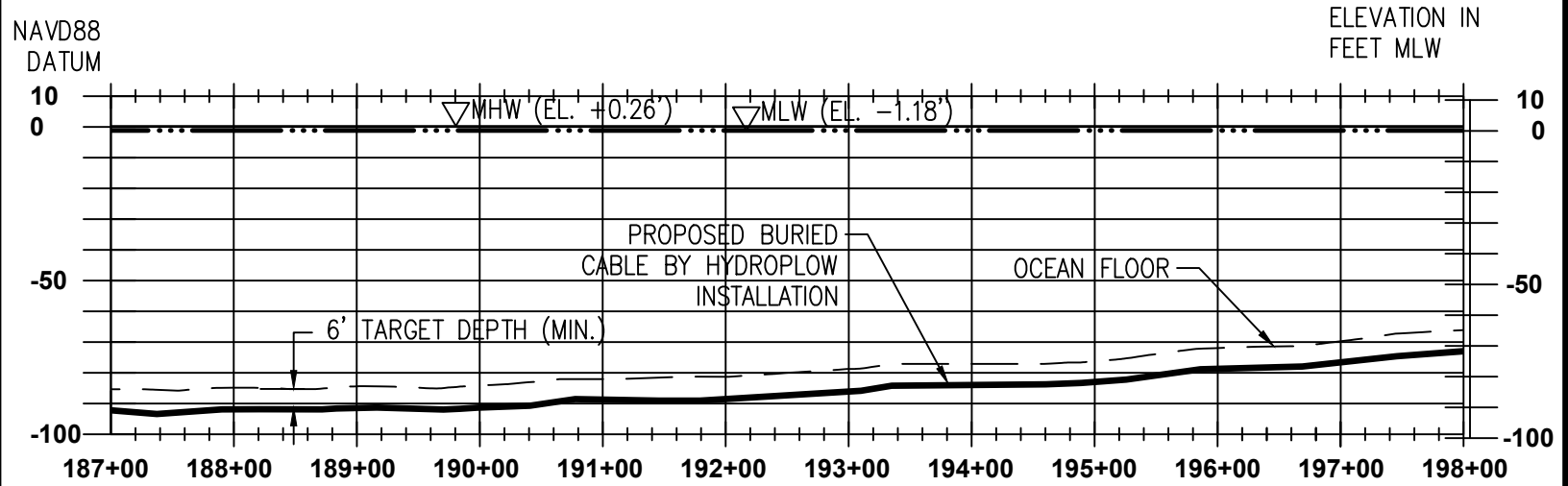
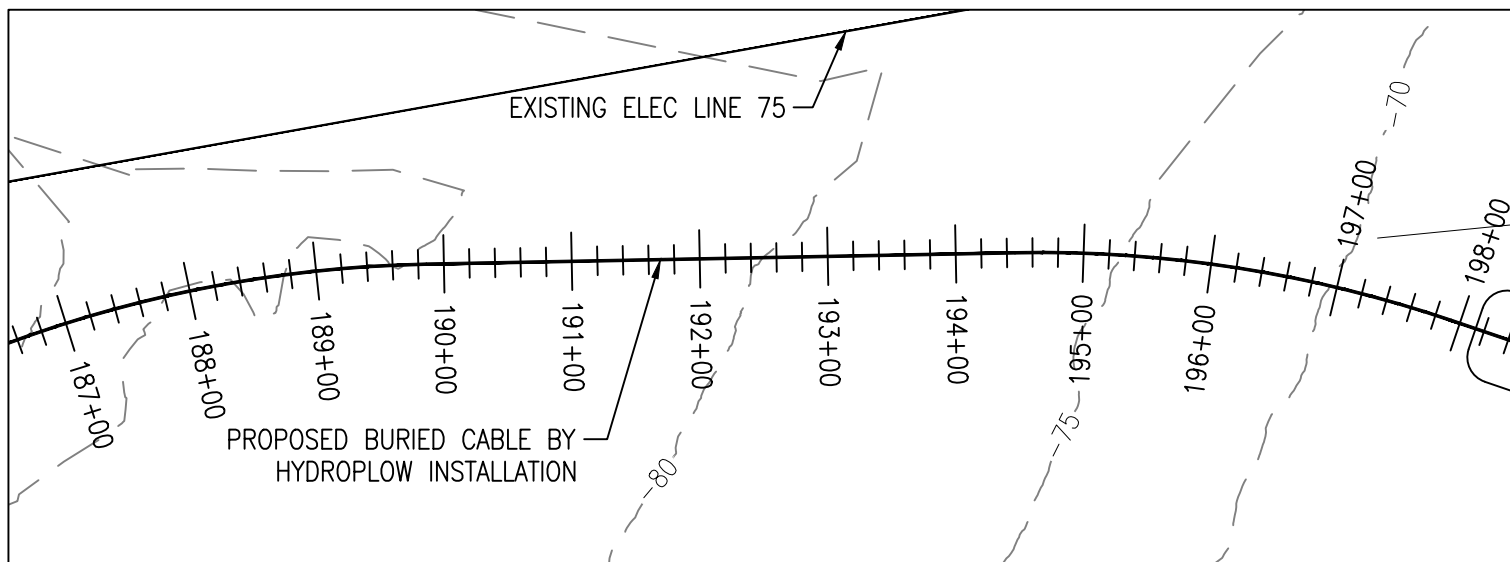
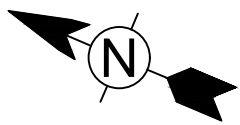
MARCH 19, 2024



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NAME _____

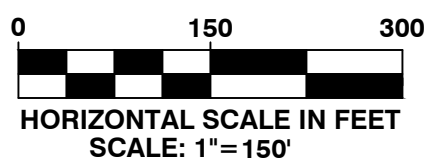
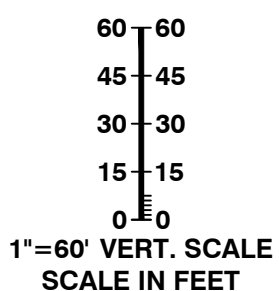
DATE _____



PROPOSED CONDITIONS

SHEET 20 OF 29

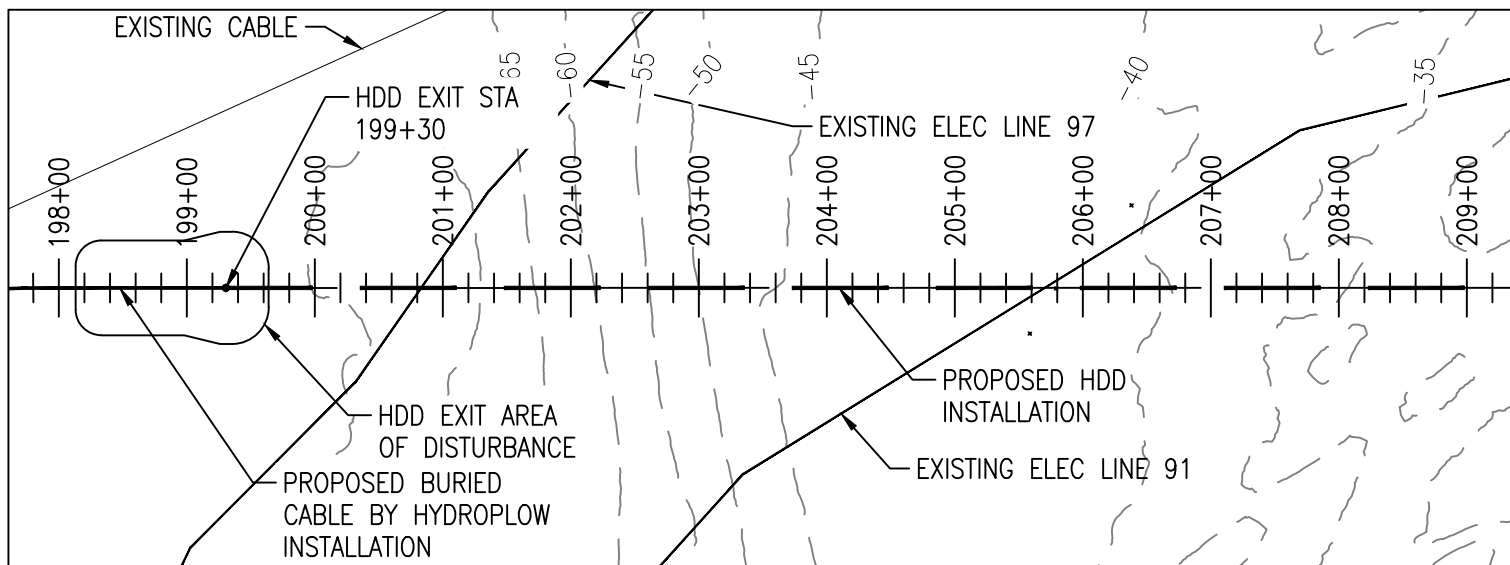
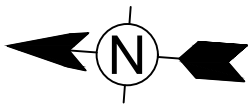
MARCH 19, 2024



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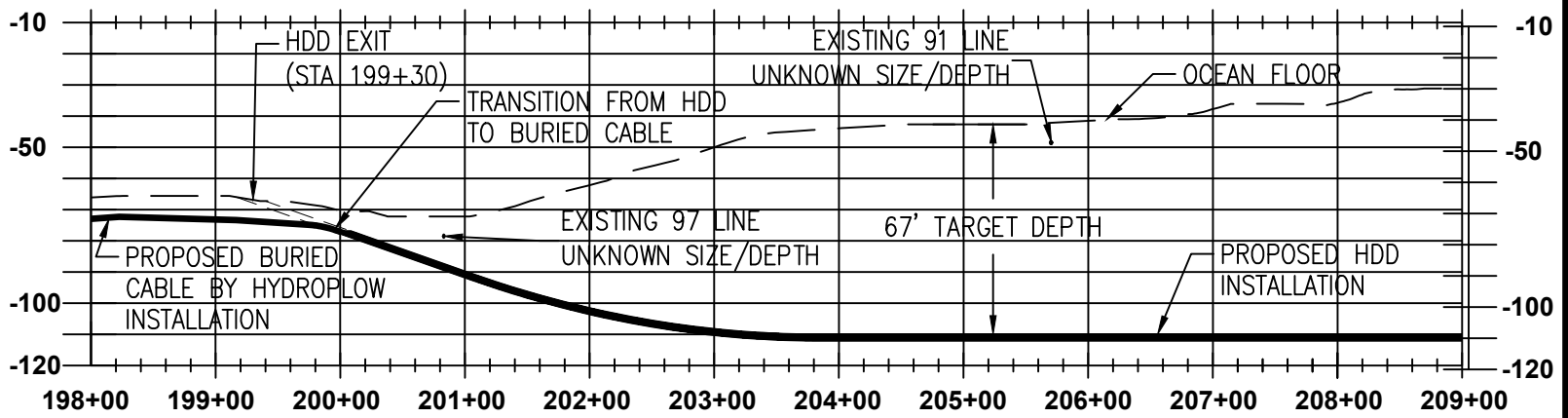
NAME _____

DATE _____



NAVD88
DATUM

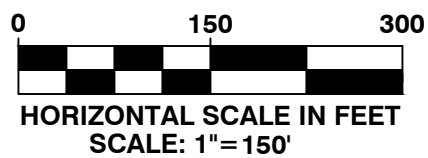
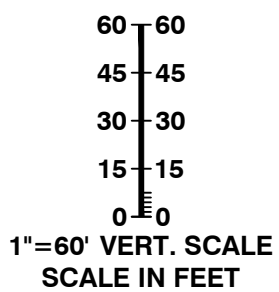
ELEVATION IN
FEET MLW



PROPOSED CONDITIONS

SHEET 21 OF 29

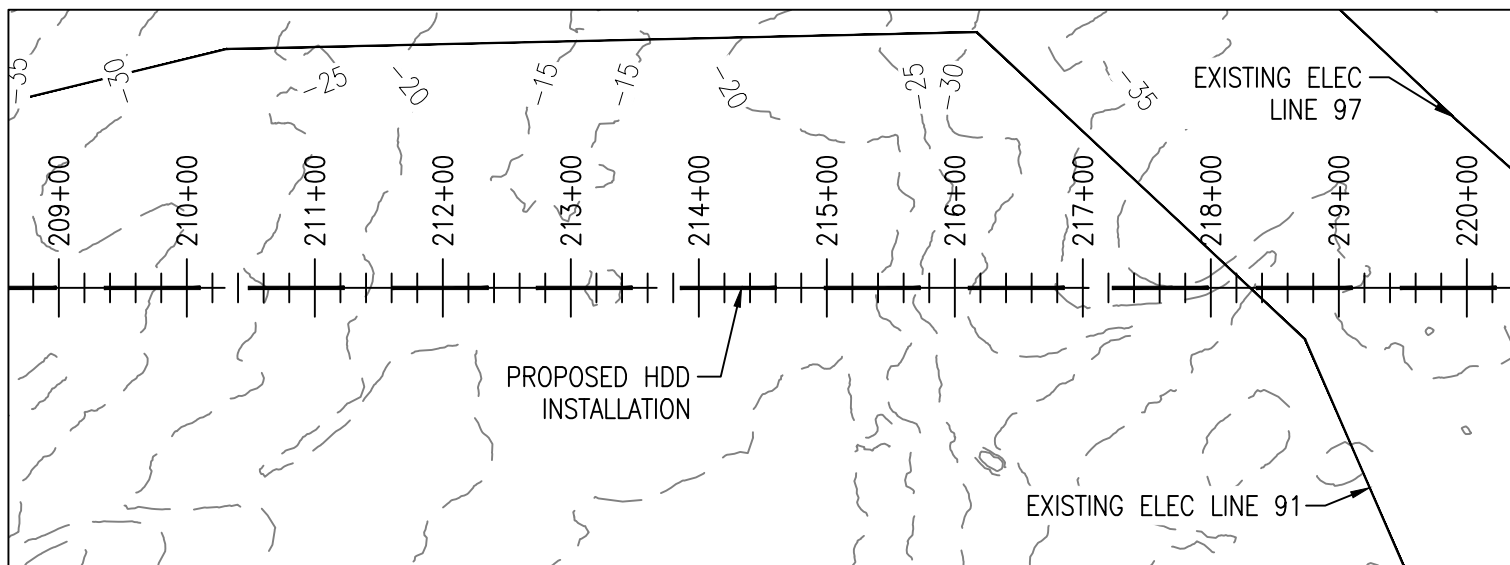
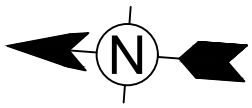
MARCH 19, 2024



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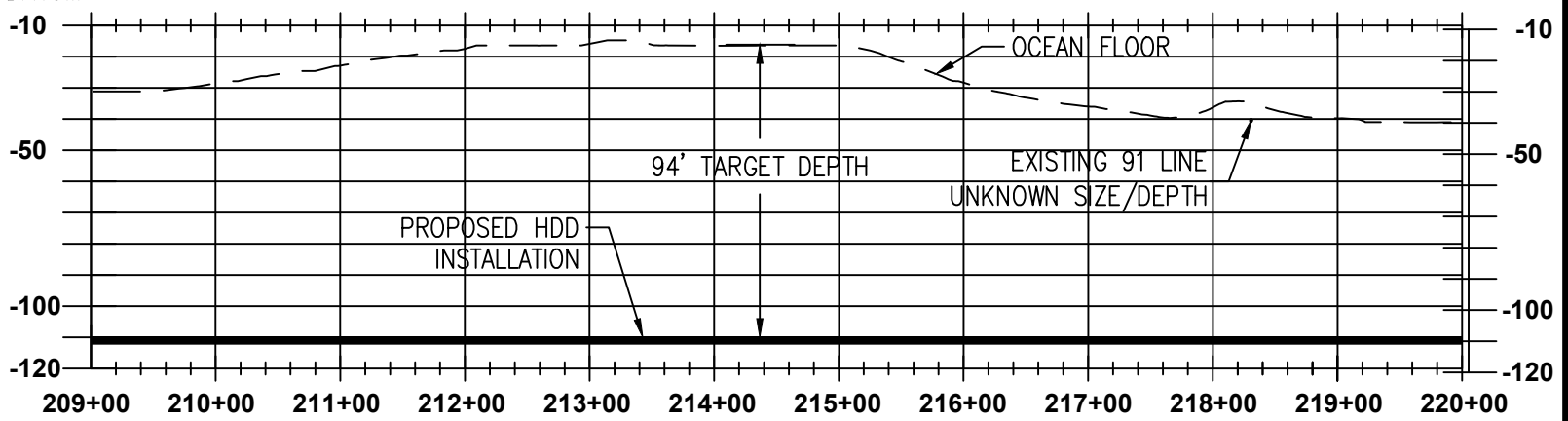
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DATE _____



NAVD88
DATUM

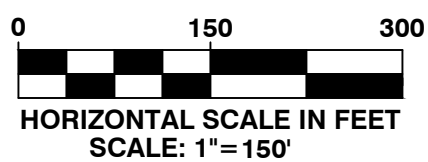
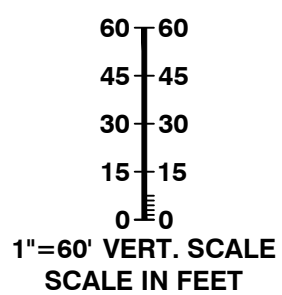
ELEVATION IN
FEET MLW



PROPOSED CONDITIONS

SHEET 22 OF 29

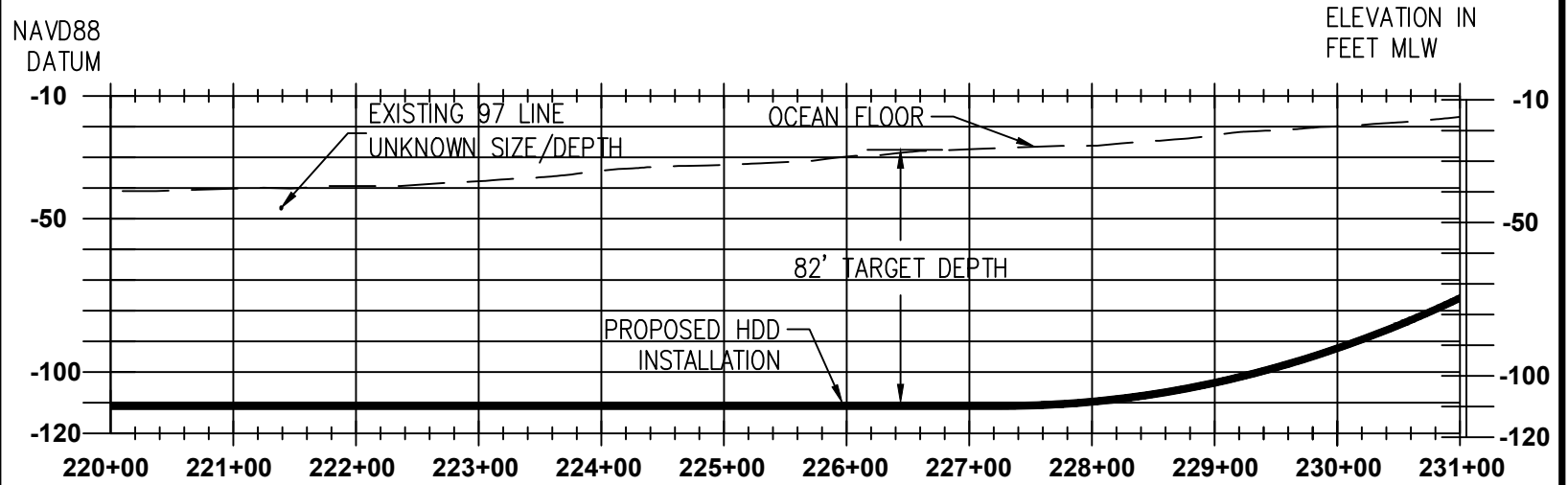
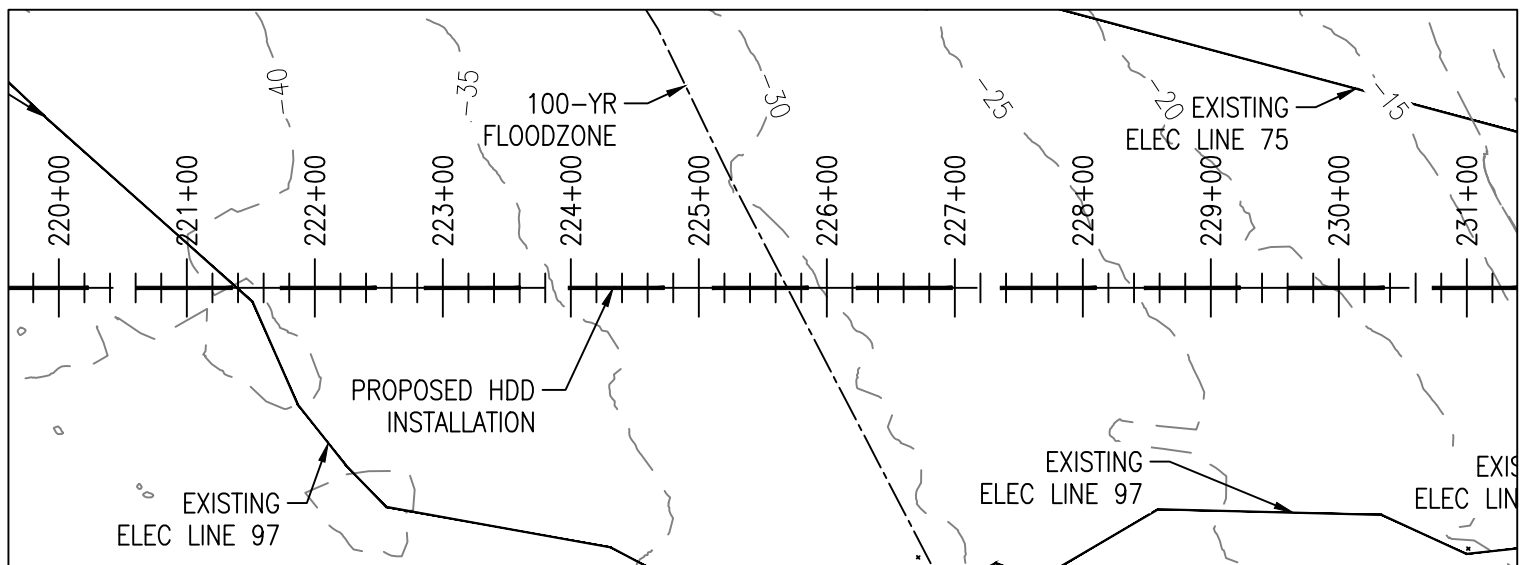
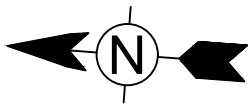
MARCH 19, 2024



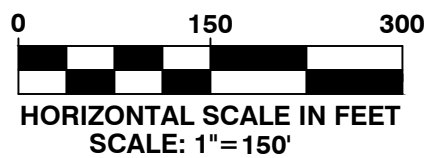
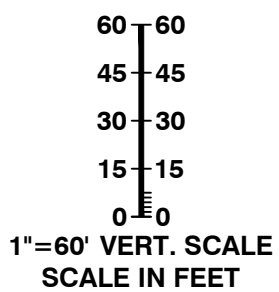
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NAME _____

DATE _____



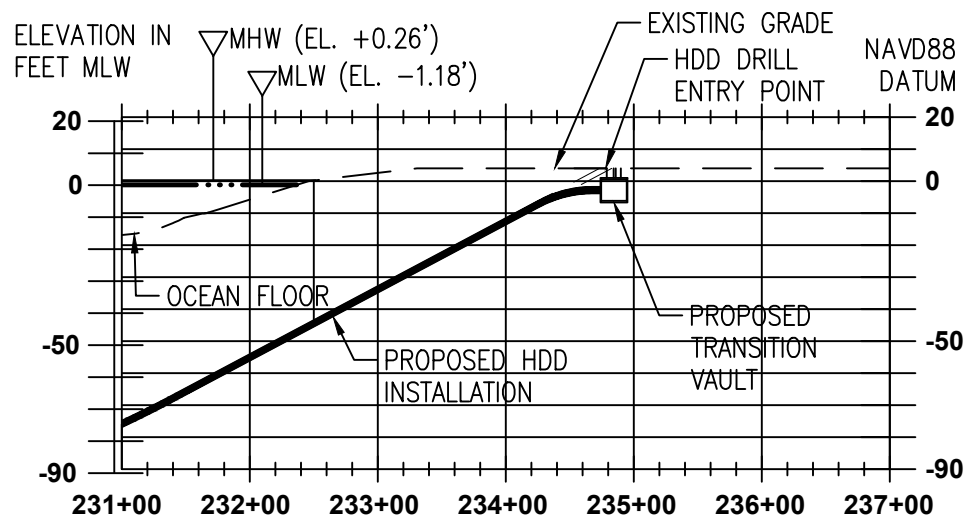
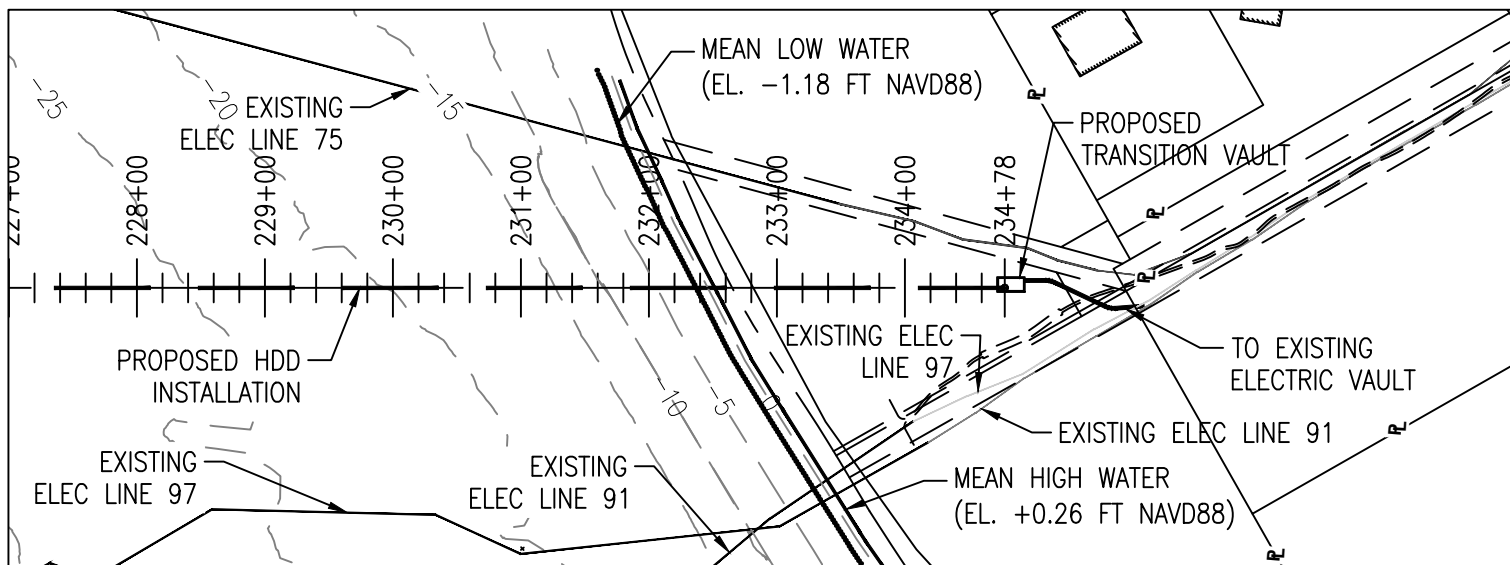
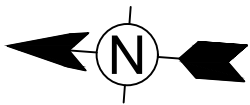
PROPOSED CONDITIONS
SHEET 23 OF 29
MARCH 19, 2024



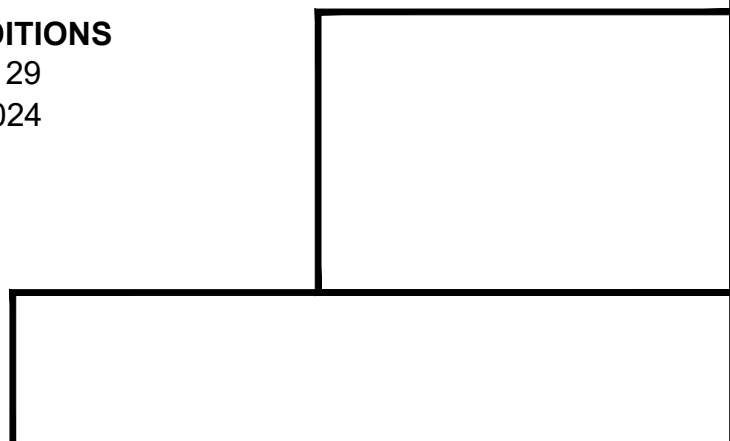
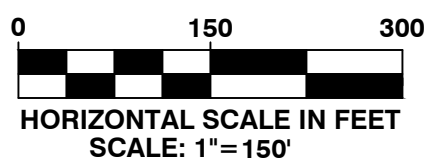
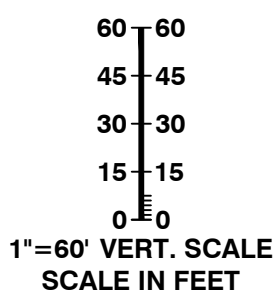
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NAME _____

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PROPOSED CONDITIONS
 SHEET 24 OF 29
 MARCH 19, 2024



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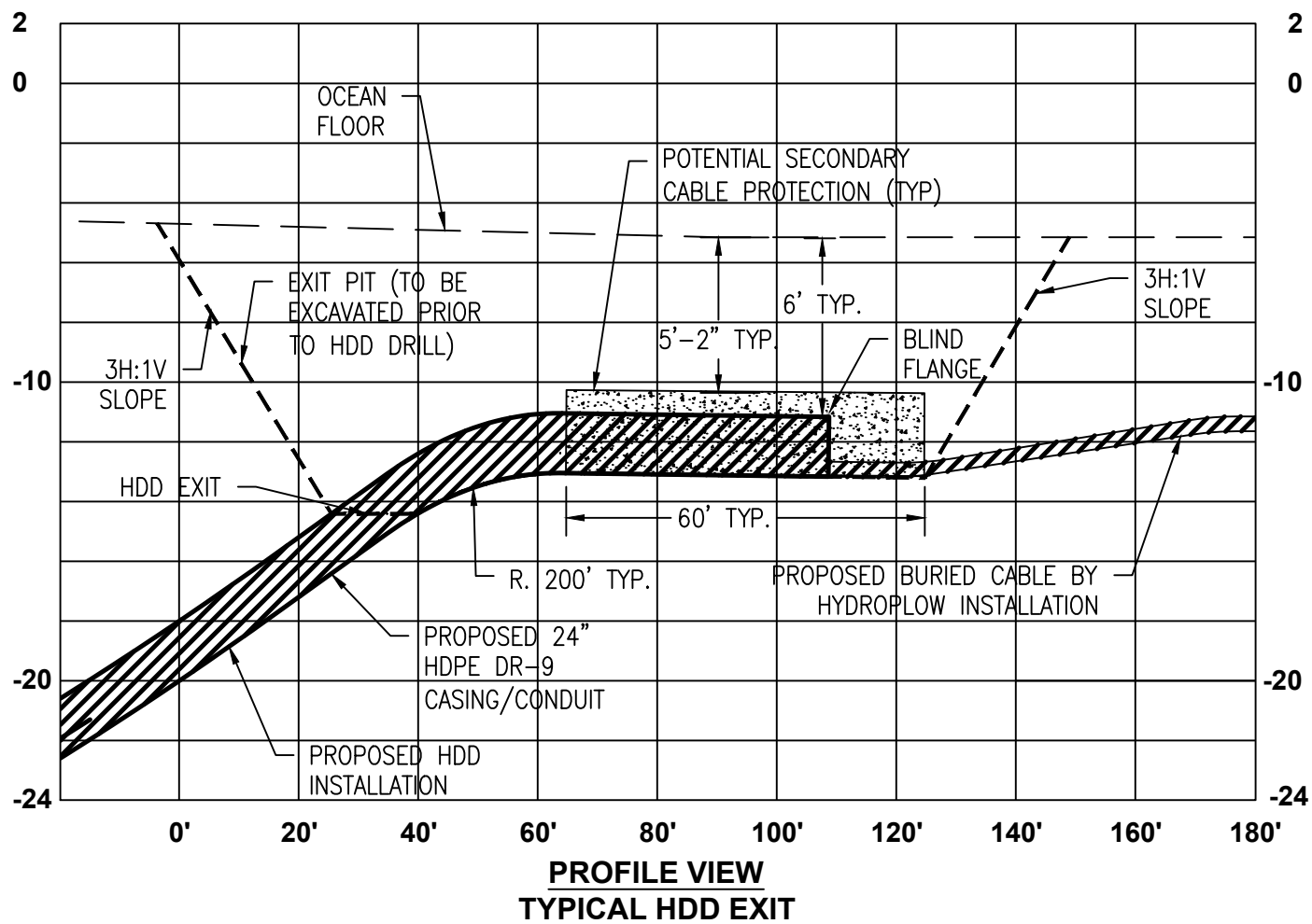
NAME

DATE

ALIGNMENT POINTS (SHOWN ON COVER)

#	STATION	NORTHING	EASTING	#	STATION	NORTHING	EASTING
AP1	0+50	2659289.7'	896027.7'	AP11	181+66	2641492.4'	898998.4'
AP2	12+80	2658019.1'	896182.9'	AP12	183+84	2641341.2'	899155.4'
AP3	25+60	2656748.5'	896338.0'	AP13	186+02	2641190.1'	899312.4'
AP4	26+80	2656628.8'	896352.6'	AP14	189+86	2640877.2'	899532.0'
AP5	27+90	2656521.1'	896371.8'	AP15	192+16	2640667.2'	899625.8'
AP6	54+34	2653947.3'	896977.1'	AP16	194+46	2640457.3'	899719.5'
AP7	80+78	2651373.5'	897582.3'	AP17	197+93	2640123.2'	899803.6'
AP8	83+57	2651098.7'	897627.0'	AP18	199+30	2639985.6'	899813.7'
AP9	125+49	2646924.5'	898010.5'	AP19	217+04	2638216.6'	899944.1'
AP10	167+40	2642750.3'	898393.9'	AP20	234+78	2636447.7'	900074.5'

TOTAL VOLUME OF DREDGE AREA		
PER EXIT PIT		
APPROXIMATE	1638	cu yd
LANDFALL TOTAL (2 PITS TOTAL)		
APPROXIMATE	3276	cu yd



PROPOSED CONDITIONS
SHEET 25 OF 29
MARCH 19, 2024

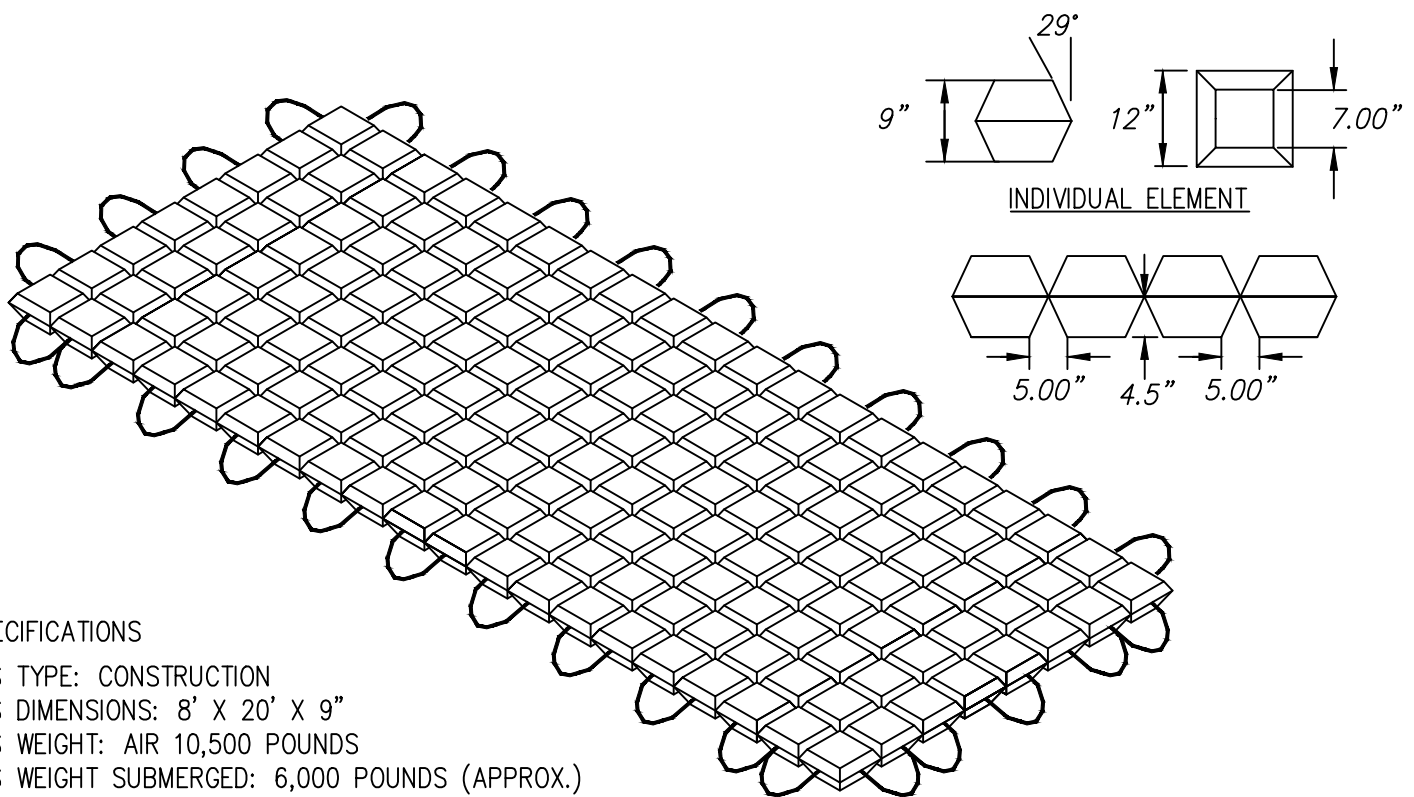
6-6
4-4
2-2
0-0
1"=6' VERT. SCALE
SCALE IN FEET

0 30 60
HORIZONTAL SCALE IN FEET
SCALE: 1"=30'

I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

NAME

DATE



SPECIFICATIONS

MATTRESS TYPE: CONSTRUCTION
MATTRESS DIMENSIONS: 8' X 20' X 9"
MATTRESS WEIGHT: AIR 10,500 POUNDS
MATTRESS WEIGHT SUBMERGED: 6,000 POUNDS (APPROX.)
CONCRETE DENSITY: 145 LBS. PER CU. FT., 4,000PSI
160 ELEMENTS: 5/8" ULTRA VIOLET STABILIZED COPOLYMER
EXTRUDED FIBER ROPE, MINIMUM TENSILE STRENGTH 9,500 POUNDS

FROM STATION 81+00 TO 96+65 SUFFICIENT CABLE BURIAL BELOW THE SEABED MAY NOT BE ACHIEVED. AFTER REMEDIAL POST-LAY BURIAL METHODS HAVE BEEN RULED OUT, CONCRETE MATTRESS CABLE PROTECTION WOULD BE INSTALLED. ASSUMING AN AVERAGE WIDTH OF 20- FEET, THIS CORRELATES TO 31,300 SQUARE FEET OF CABLE PROTECTION.

PROPOSED CONDITIONS
SHEET 26 OF 29
MARCH 19, 2024

I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

NAME

DATE

MILL ROAD LANDING
ABUTTER'S INFORMATION

①
47 07 001 004C
240 SURF DR
PCA NOMINEE TRUST
AMANDA FERAZZI, TRUSTEE

②
47 07 000E 000
0 SURF DR
TOWN OF FALMOUTH

SQUANTUM AVENUE LANDING
ABUTTER'S INFORMATION

③
PARCEL 30-A-3
MINK MEADOWS BEACH
SUSANNAH S. BRISTOL, TRUSTEE
(± 710' TO THE WEST)

④
PARCEL 1-G-1
MAIN STREET
SUSANNAH S. BRISTOL, TRUSTEE
(± 1,150' TO THE EAST)

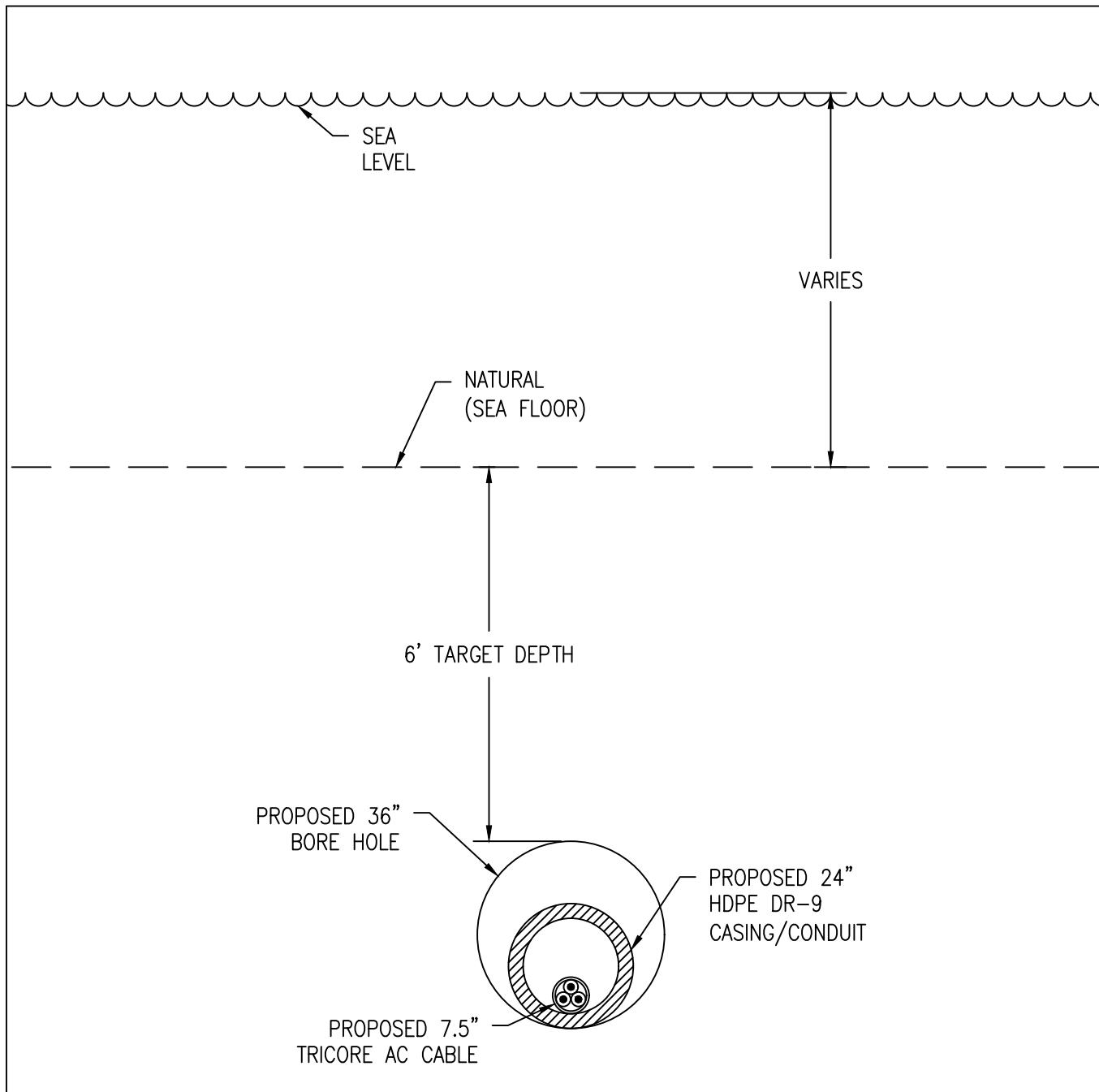
LIST OF ABUTTERS
SHEET 27 OF 29
MARCH 19, 2024

FOR PERMIT USE ONLY NOT
APPROVED FOR CONSTRUCTION

I CERTIFY THAT THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

NAME

DATE



**PROFILE VIEW
AT STATION 25+60 FACING NORTH
AND STATION 200+20 FACING SOUTH
HDD INSTALLATION**

PROPOSED CONDITIONS

SHEET 28 OF 29

MARCH 19, 2024

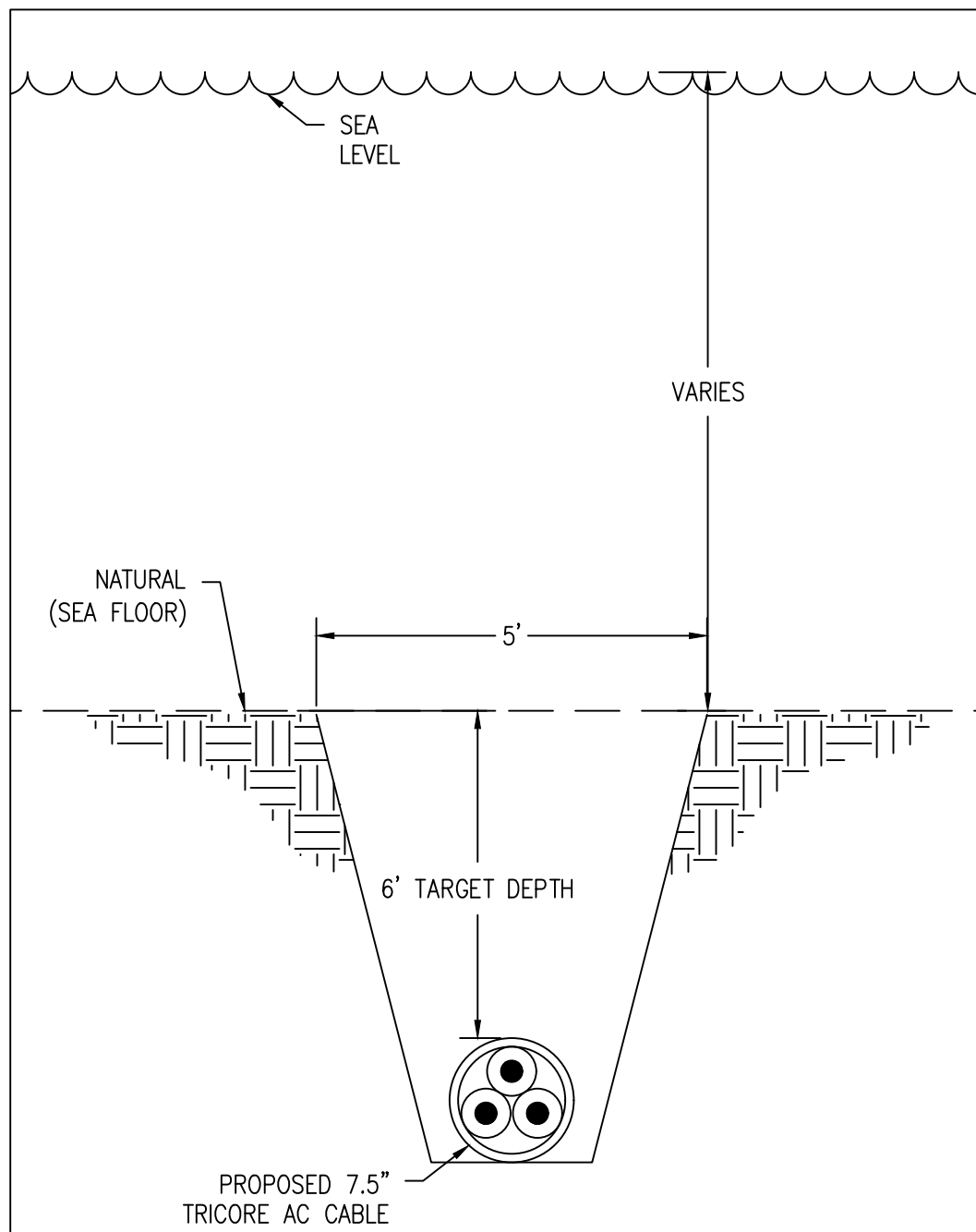
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APPROVED FOR CONSTRUCTION

SCALE: N.T.S.

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NAME

DATE



PROFILE VIEW
AT STATION 29+00 FACING NORTH
AND 197+00 FACING SOUTH
HYDROFLOW INSTALLATION

PROPOSED CONDITIONS
SHEET 29 OF 29
MARCH 19, 2024

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SCALE: N.T.S.