

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-2012-00372-EMI**
Issue Date: **April 5, 2012**
Expiration Date: **May 3, 2012**

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) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

PERMIT APPLICANT: New York City Department of Environmental Protection
96-05 Horace Harding Expressway, 5th Floor
Corona, New York 11368

ACTIVITY: Construction of an approximate 1.8-mile-long bored-tunnel water (siphon) pipeline a minimum of 95 feet beneath the Anchorage Navigation Channel to replace two near-by water tunnel siphons

WATERWAY: Upper New York Bay, The Narrows, Anchorage Navigation Channel,
LOCATION: Between the Borough of Staten Island, Richmond County and the Borough of Brooklyn, Kings County, New York City, New York State

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 AND MAILED 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 provided will become a part of the public record for this action.

CENAN-OP-RE
Public Notice #: NAN-2012-00372-EMI

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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 mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

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.

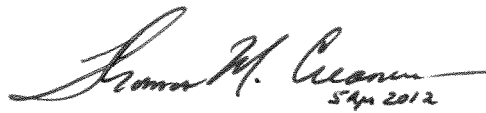
Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

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 Review Unit, New York State Department of State, Office of Coastal, Local Government and Community Sustainability, One Commerce Plaza, 99 Washington Avenue, Suite 1010, 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.

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. If you have any questions concerning this application, you may contact this office at (917) 790-8516 and ask for Ms. MaryAnn Miller.

In order for us to better serve you, please complete our Customer Service Survey located at <http://www.nan.usace.army.mil/business/buslinks/regulat/index.php?survey>

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

A handwritten signature in dark ink, appearing to read "Richard L. Tomer", with a date "5 Apr 2012" written below it.

for Richard L. Tomer
Chief, Regulatory Branch

Enclosures

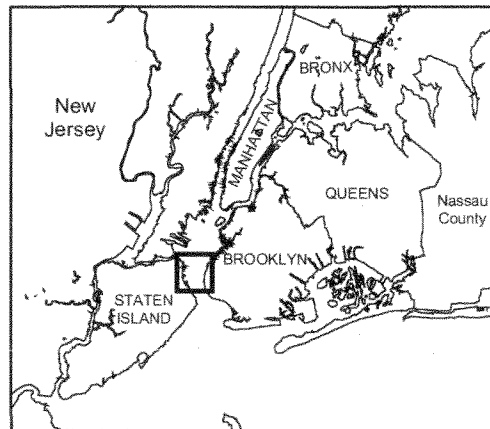
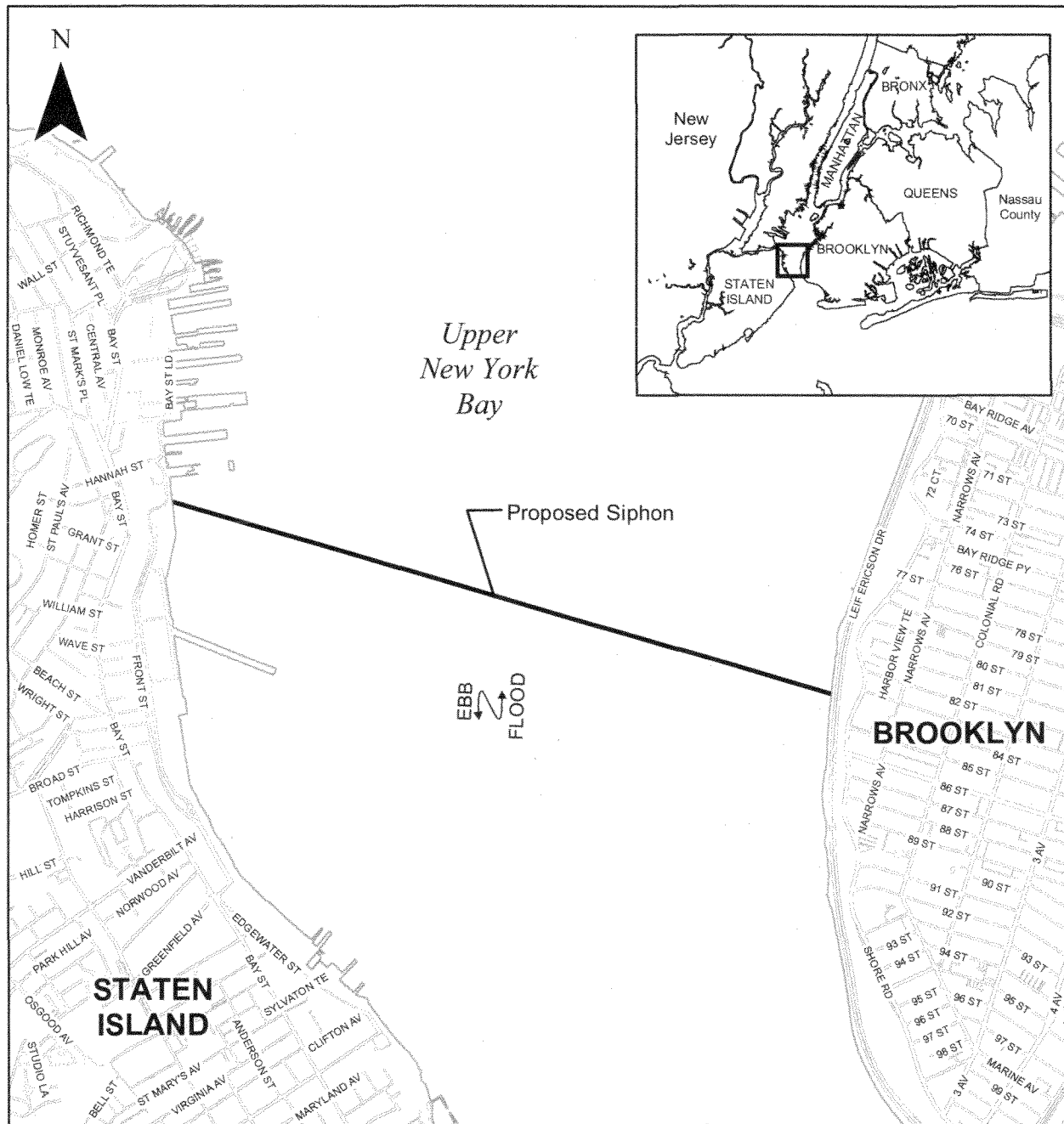
WORK DESCRIPTION

The permit applicant, the New York City Department of Environmental Protection, has requested Department of the Army authorization for the construction of an approximate 1.8-mile-long bored-tunnel water siphon pipeline, a minimum of 95 feet below the waters of Upper New York Bay at The Narrows north of the Verrazano-Narrows Bridge, between Hannah Street, Stapleton, in the Staten Island (Richmond County) and 83rd Street, Bay Ridge, in the Borough of Brooklyn (Kings County) and New York City, New York. The new tunnel would replace two existing water siphon pipelines in the same vicinity which must be replaced because they are too close to the bottom of the currently authorized [-54 Feet Mean Low Water (MLW) Datum] and potential future deep-draft Anchorage Channel navigation shipping channel. The permit applicant reports the two existing pipelines are between 55 and 65 feet below the plane of Mean Low Water (MLW) Datum.

Two vertical shafts would first be excavated on the uplands set back from the waters of the bay, one in Staten Island and one in Brooklyn. The boring machine would be lowered into the Staten Island shaft, then tunnel under the waters of the bay, and finally be pulled up through the Brooklyn shaft. The tunnel boring machine would line the tunnel with reinforced concrete panels as it goes. No waters of the United States, including wetlands, would be impacted in association with this construction work. Because the tunnel structure would limit the current and future navigational use of this tidal navigable waterway, the tunnel construction requires review and approval under Section 10 of the River and Harbor Act of 1899.

The new 12-foot-diameter tunnel segment would be bored under the waterway approximately 1,500 feet south of the existing 36-inch-diameter pipelines (#1), and approximately 2,200 feet north of the existing 42-inch-diameter pipeline (#2).

The top of the new tunnel segment would be a minimum of 95 feet below the plane of Mean Low Water (MLW) datum. A six-foot-diameter steel water main would be installed within the constructed, concrete-lined, 12-foot-diameter tunnel to carry the water. The permit applicant reports the two existing water siphon pipelines would be abandoned in place.



PURPOSE: CONSTRUCT A WATER
SIPHON BETWEEN BROOKLYN
AND STATEN ISLAND

DATUM: NGVD 1929

ADJACENT PROPERTY OWNERS:
BROOKLYN:

1. NEW YORK CITY
DEPARTMENT OF PARKS AND RECREATION
2. NEW YORK CITY
DEPARTMENT OF EDUCATION

STATEN ISLAND:

1. DEPARTMENT OF CITYWIDE
ADMINISTRATIVE SERVICES
2. NEW YORK CITY TRANSIT AUTHORITY

VICINITY MAP

0 1,500 3,000
Feet

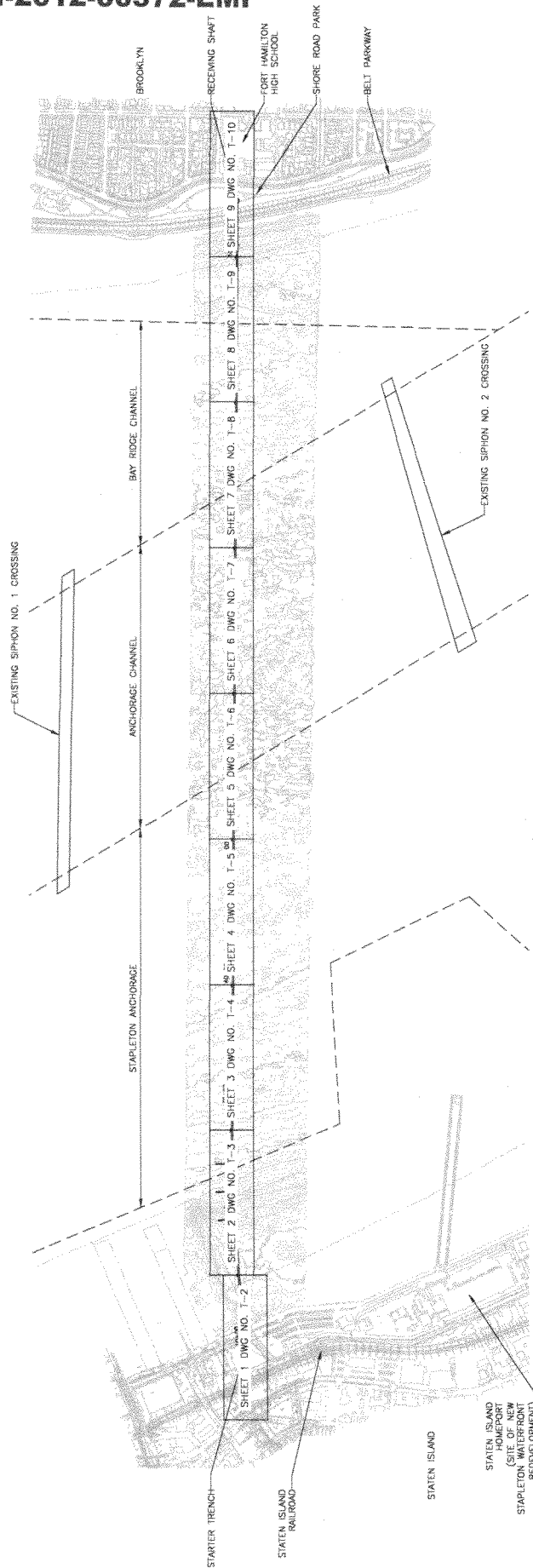
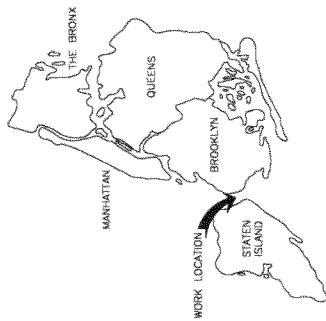
REPLACEMENT OF EXISTING
WATER SIPHONS BETWEEN BROOKLYN AND
STATEN ISLAND

IN: UPPER NEW YORK BAY

AT: BAY RIDGE AND STAPLETON

COUNTY OF: KINGS AND RICHMOND, NY

STATE OF: NEW YORK



HARBOR CROSSING MAP

PURPOSE: CONSTRUCT A NEW WATER SIPHON
BETWEEN BROOKLYN AND STATEN
ISLAND.

DATUM: NGVD 1929

ADJACENT PROPERTY OWNERS:

1. NEW YORK CITY DEPARTMENT OF
PARKS & RECREATION
2. NEW YORK CITY DEPARTMENT OF
EDUCATION

STATEN ISLAND:

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SERVICES
2. NEW YORK CITY TRANSIT AUTHORITY

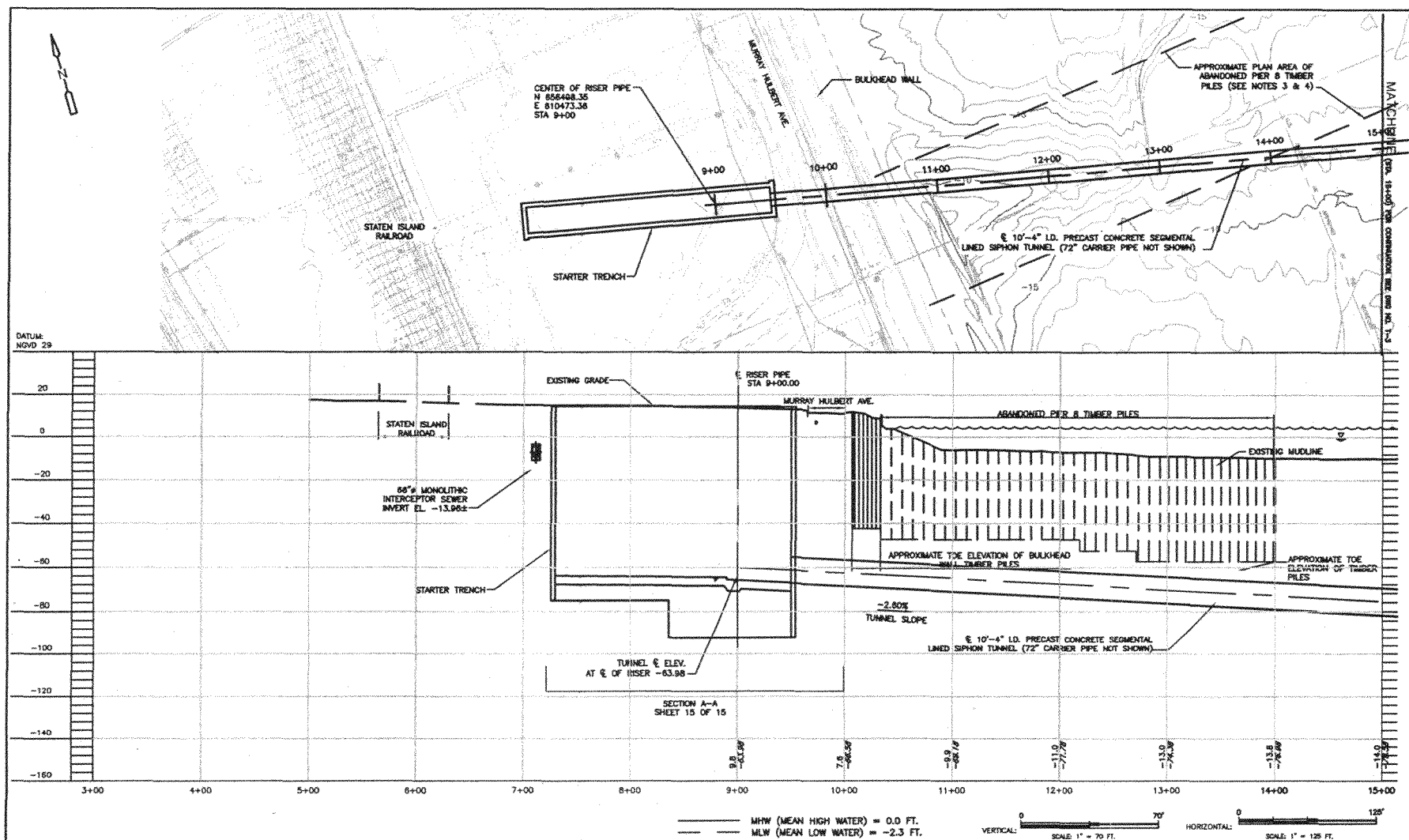
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STATEN ISLAND:

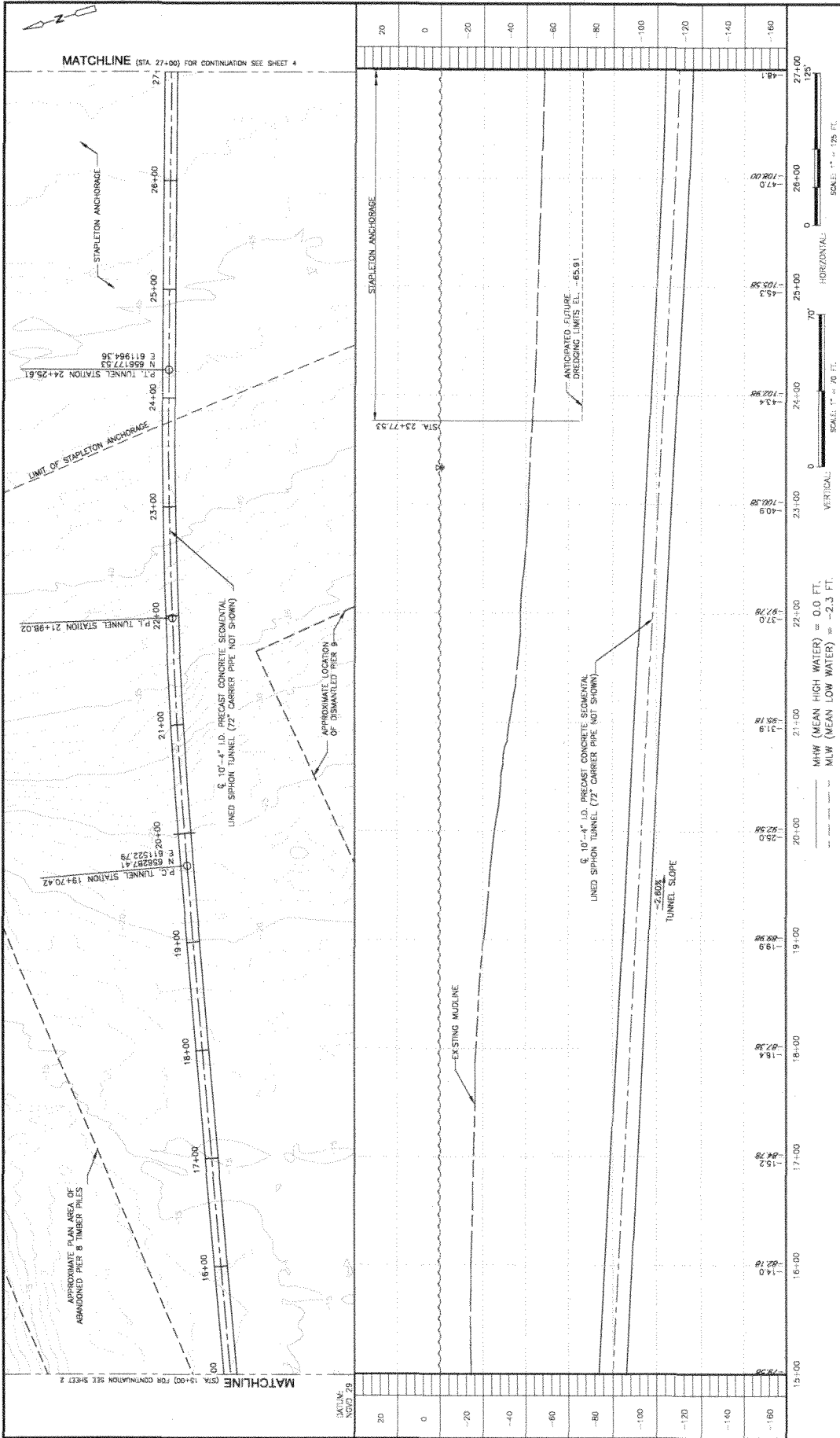
1. DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES
2. NEW YORK CITY TRANSIT AUTHORITY

HARBOR CROSSING PLAN AND PROFILE STATEN ISLAND STARTER TRENCH

REPLACEMENT OF EXISTING WATER SIPHONS BETWEEN BROOKLYN AND STATEN ISLAND
IN: UPPER NEW YORK BAY
AT: BAY RIDGE AND STAPLETON
COUNTY OF: KINGS AND RICHMOND, NY
STATE OF: NEW YORK

SHEET 3 OF 15

DATE: 3/2012



HARBOR CROSSING PLAN AND PROFILE

PURPOSE: CONSTRUCT A NEW WATER SIPHON BETWEEN BROOKLYN AND STATEN ISLAND.

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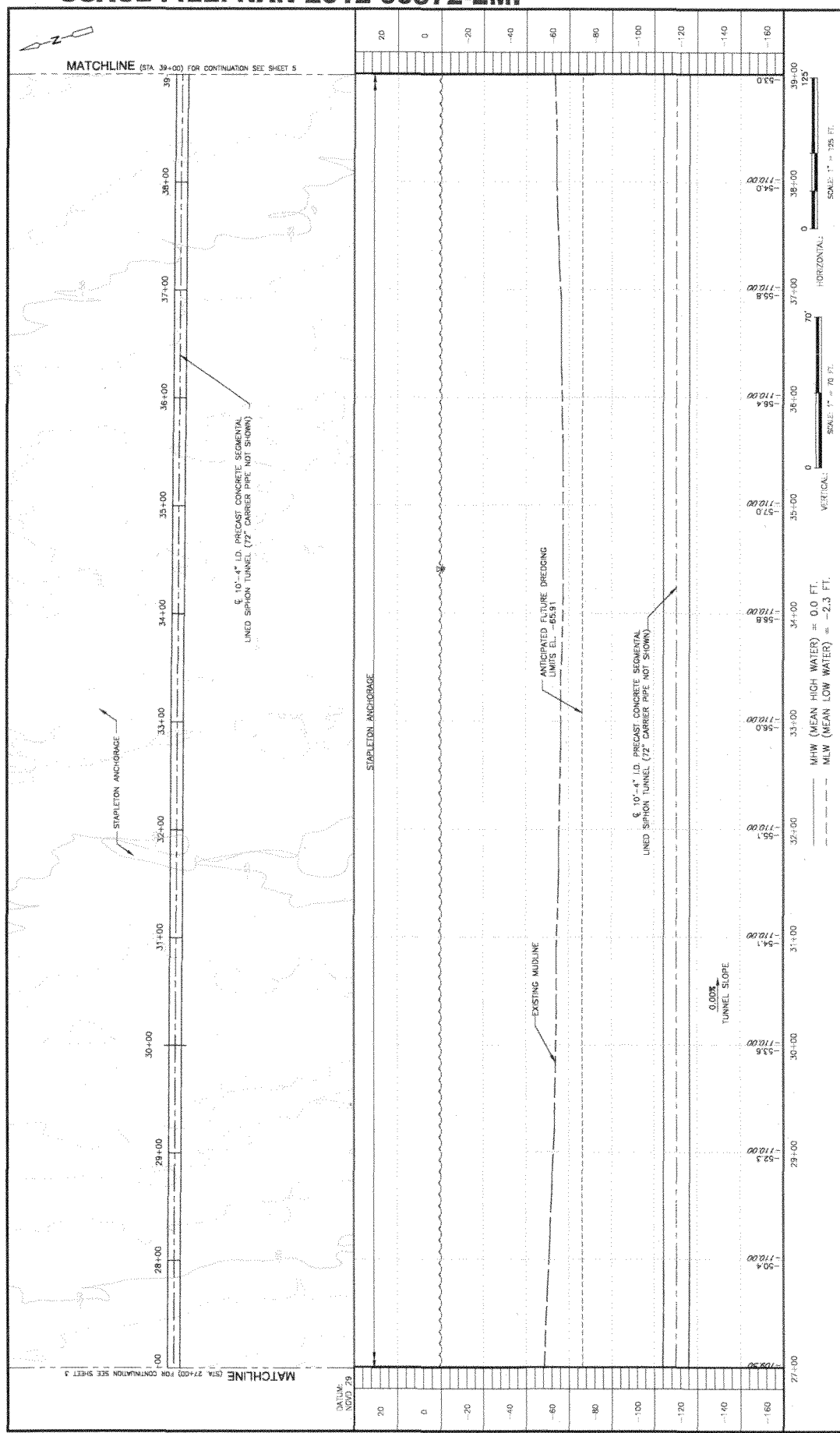
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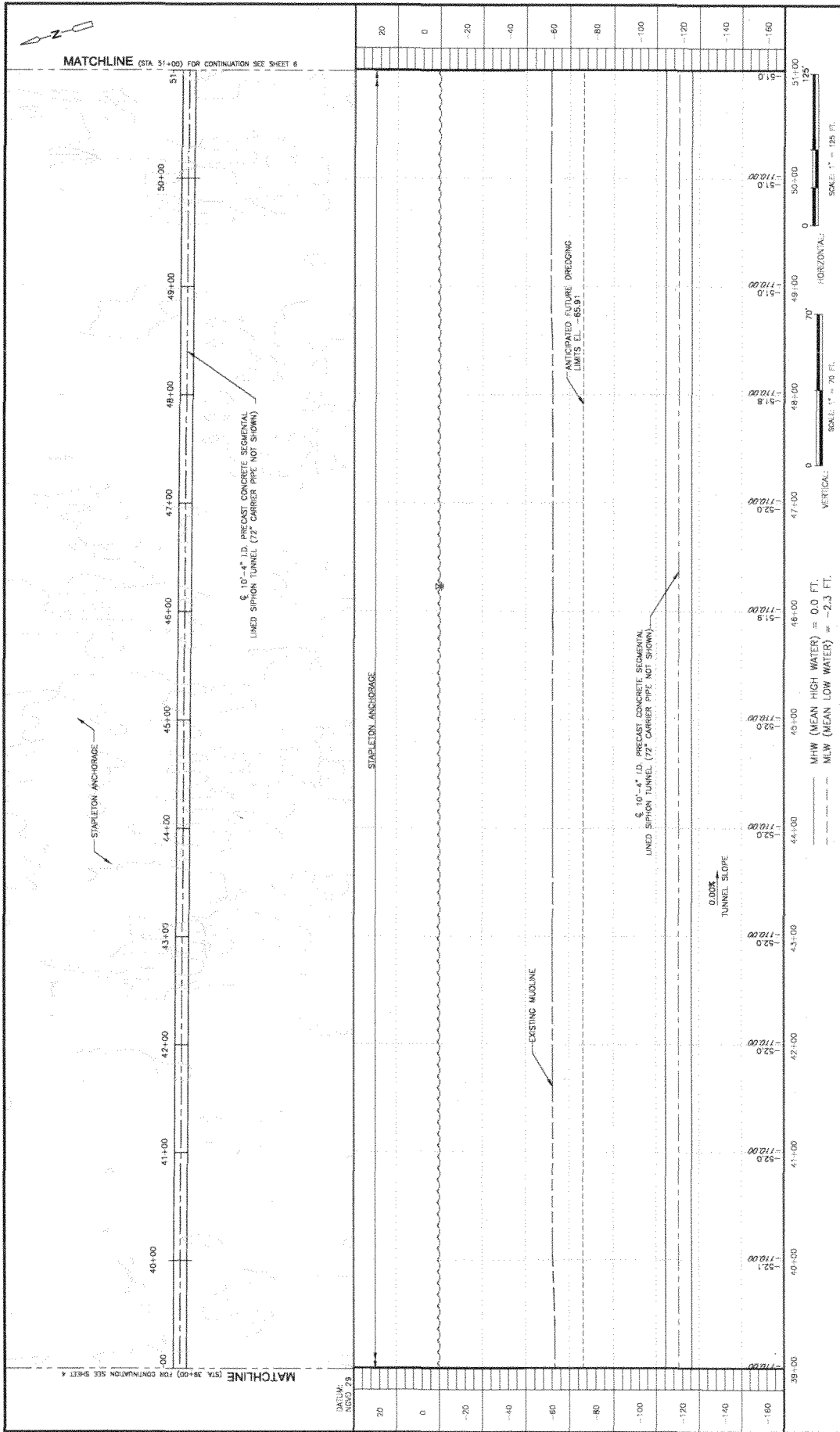
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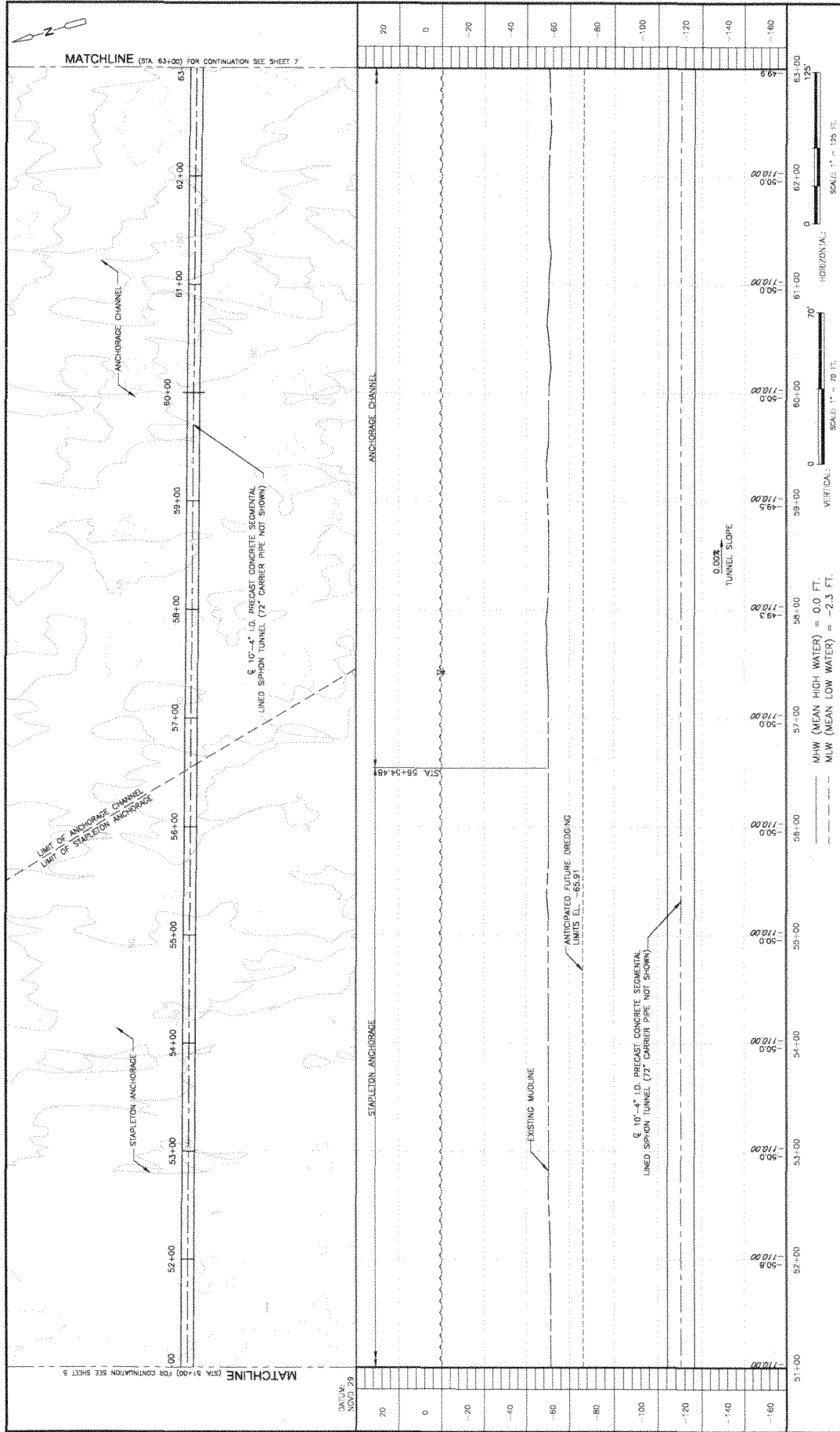
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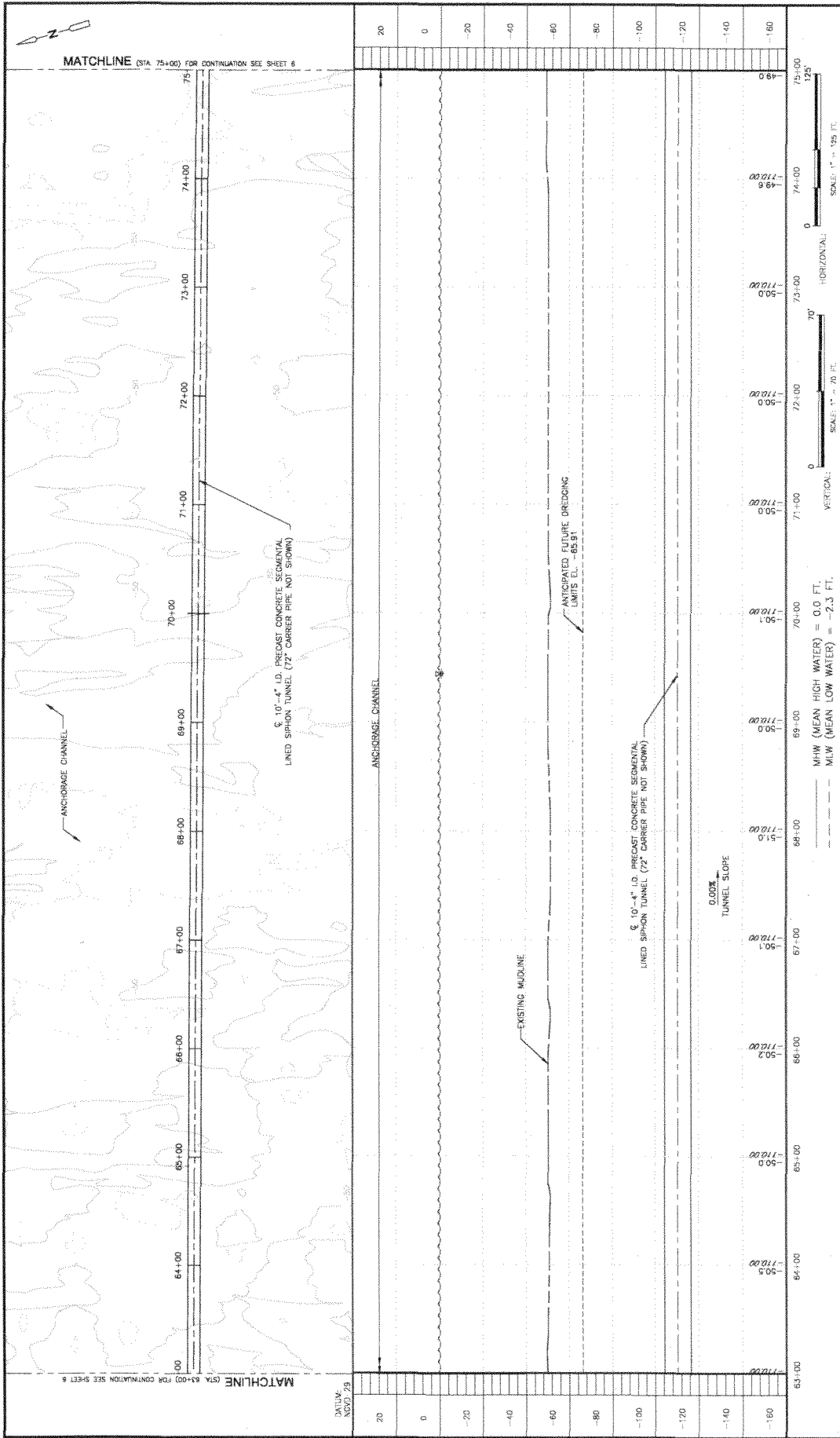
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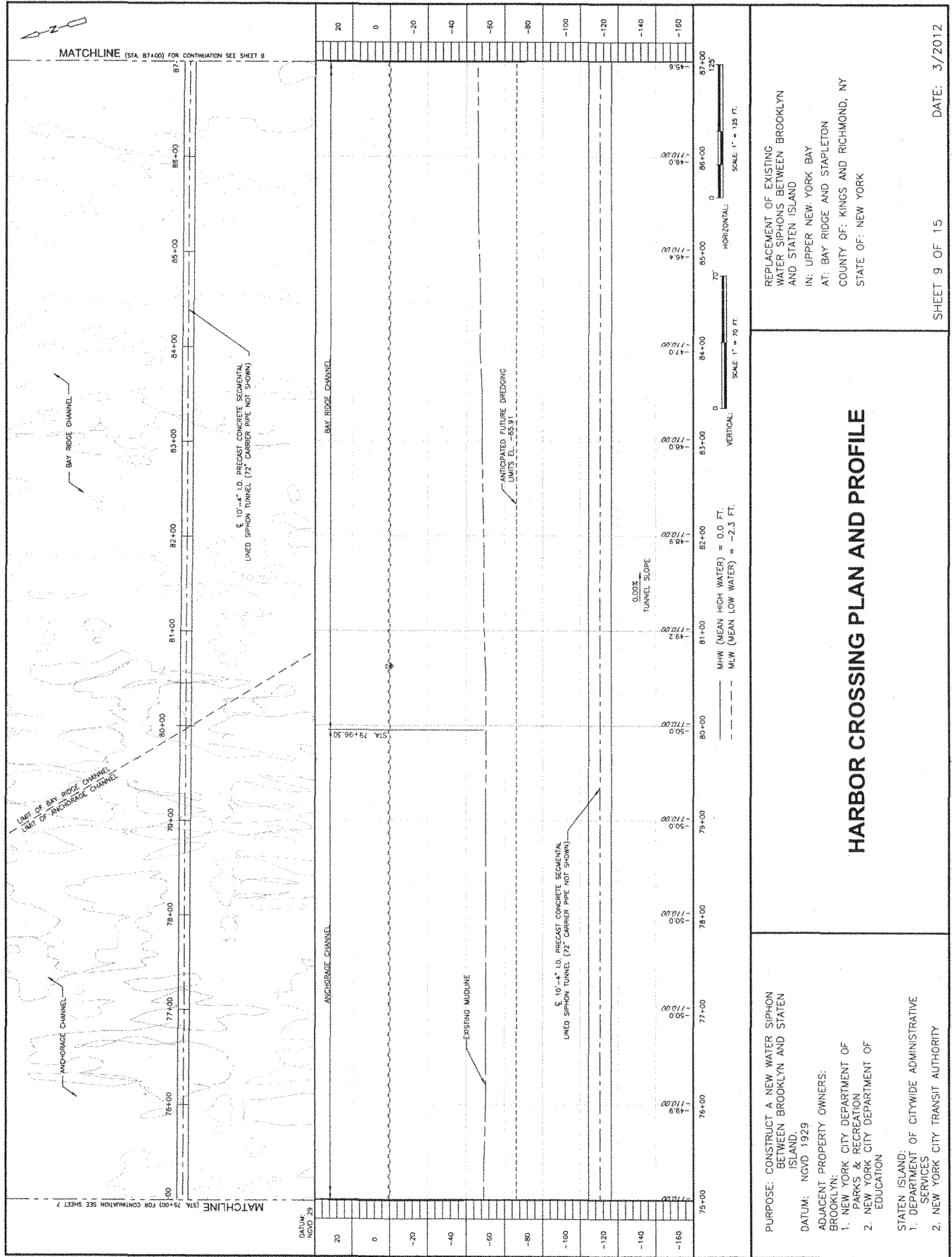
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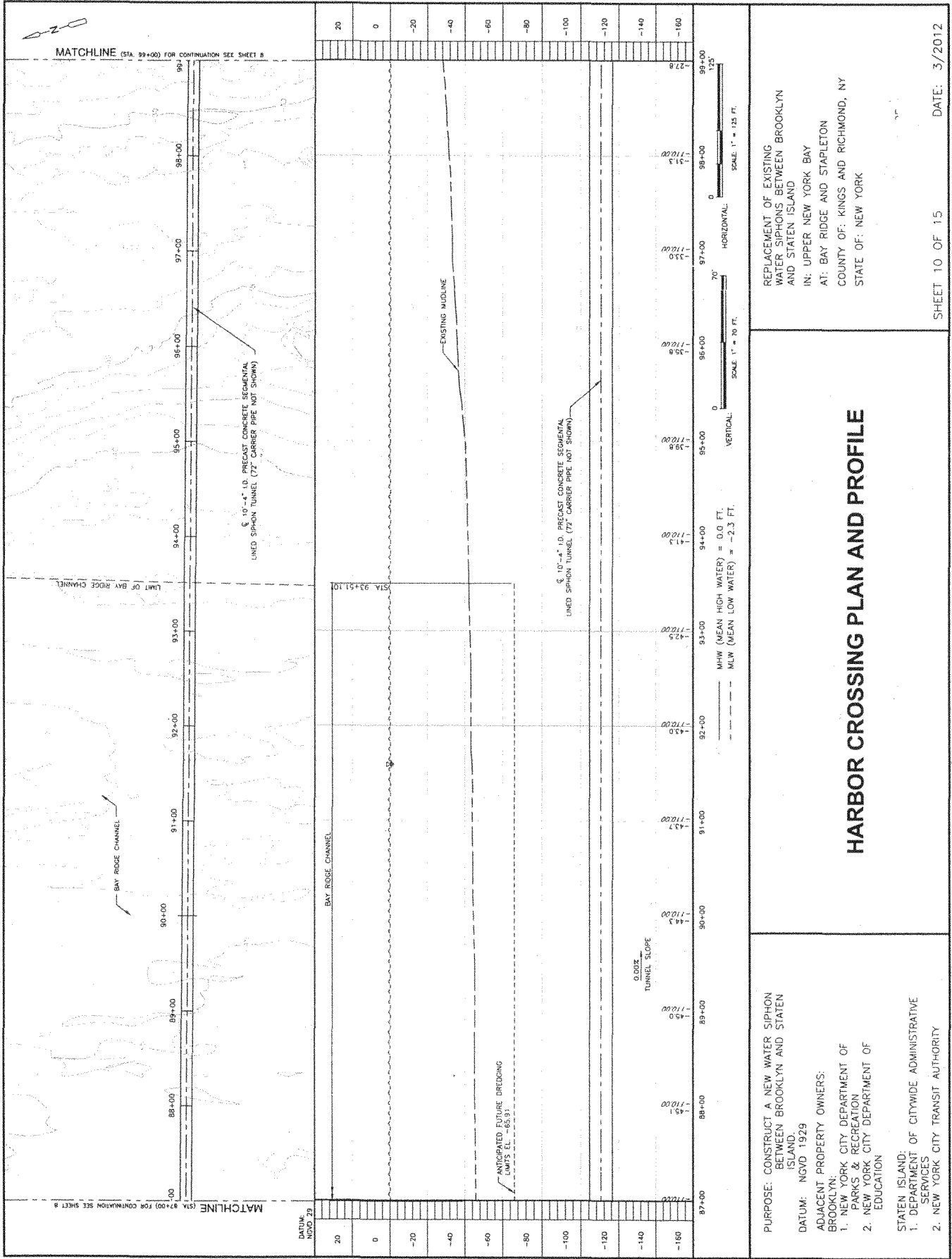
IN: UPPER NEW YORK BAY

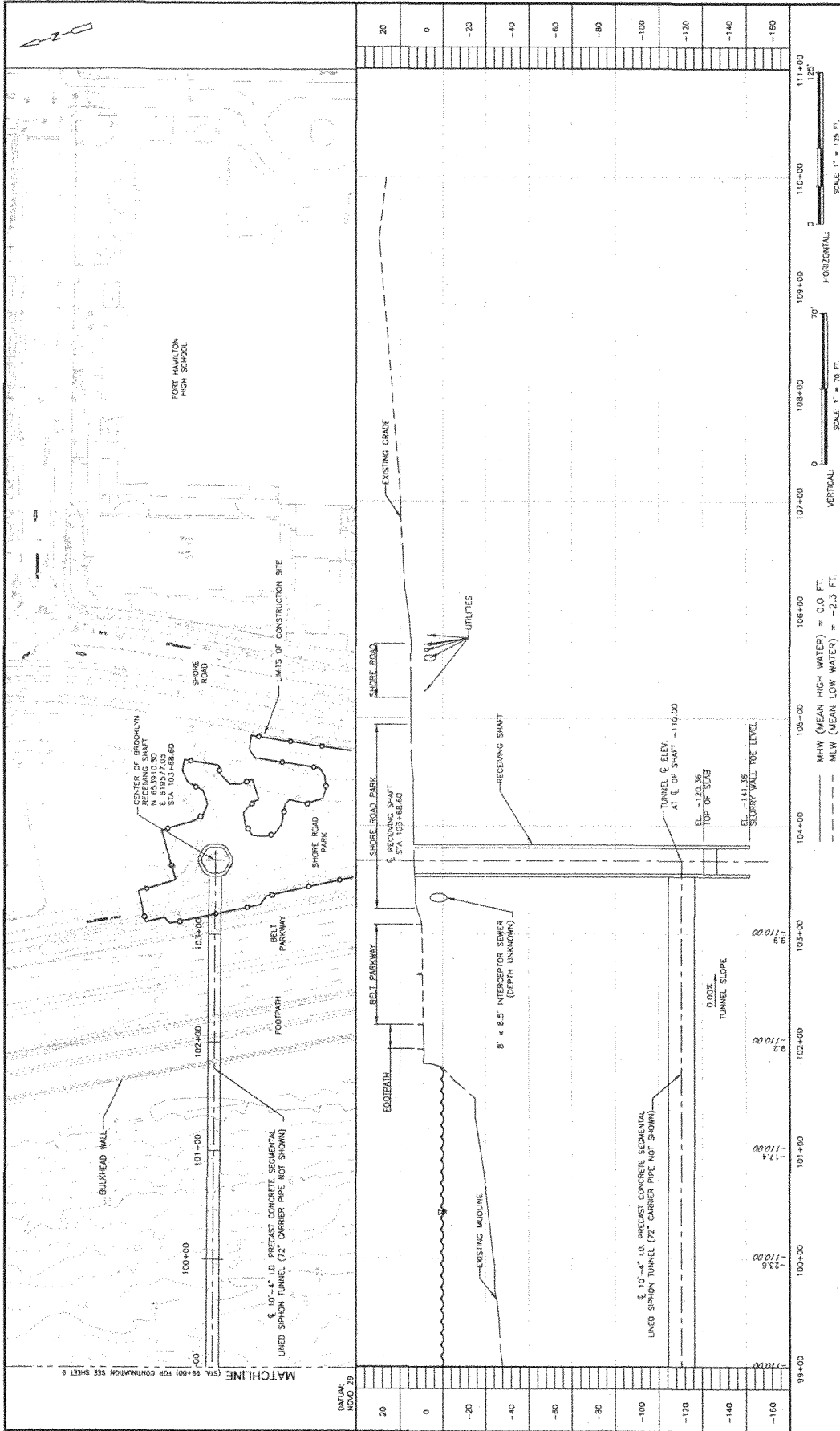
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COUNTY OF: KINGS AND RICHMOND, NY

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PURPOSE: CONSTRUCT A NEW WATER SIPHON BETWEEN BROOKLYN AND STATEN ISLAND.

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STATEN ISLAND:

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- NEW YORK CITY TRANSIT AUTHORITY

HARBOR CROSSING PLAN AND PROFILE BROOKLYN RECEIVING SHAFT

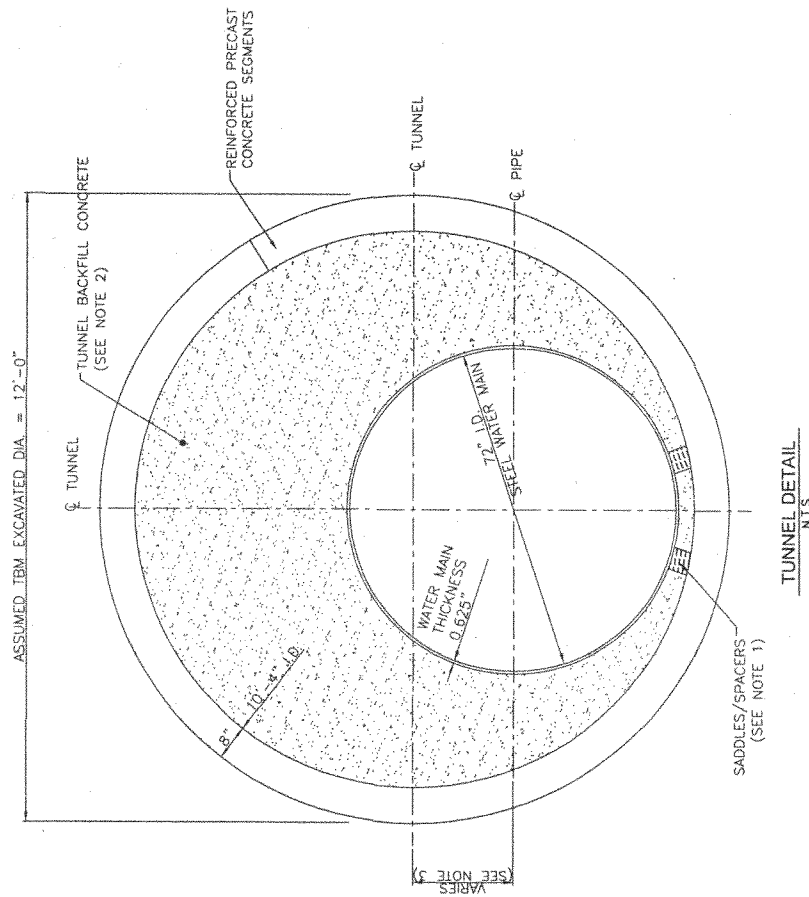
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PURPOSE: CONSTRUCT A NEW WATER SIPHON BETWEEN BROOKLYN AND STATEN ISLAND.

DATUM: NOV 1929

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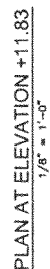
1. NEW YORK CITY DEPARTMENT OF PARKS & RECREATION
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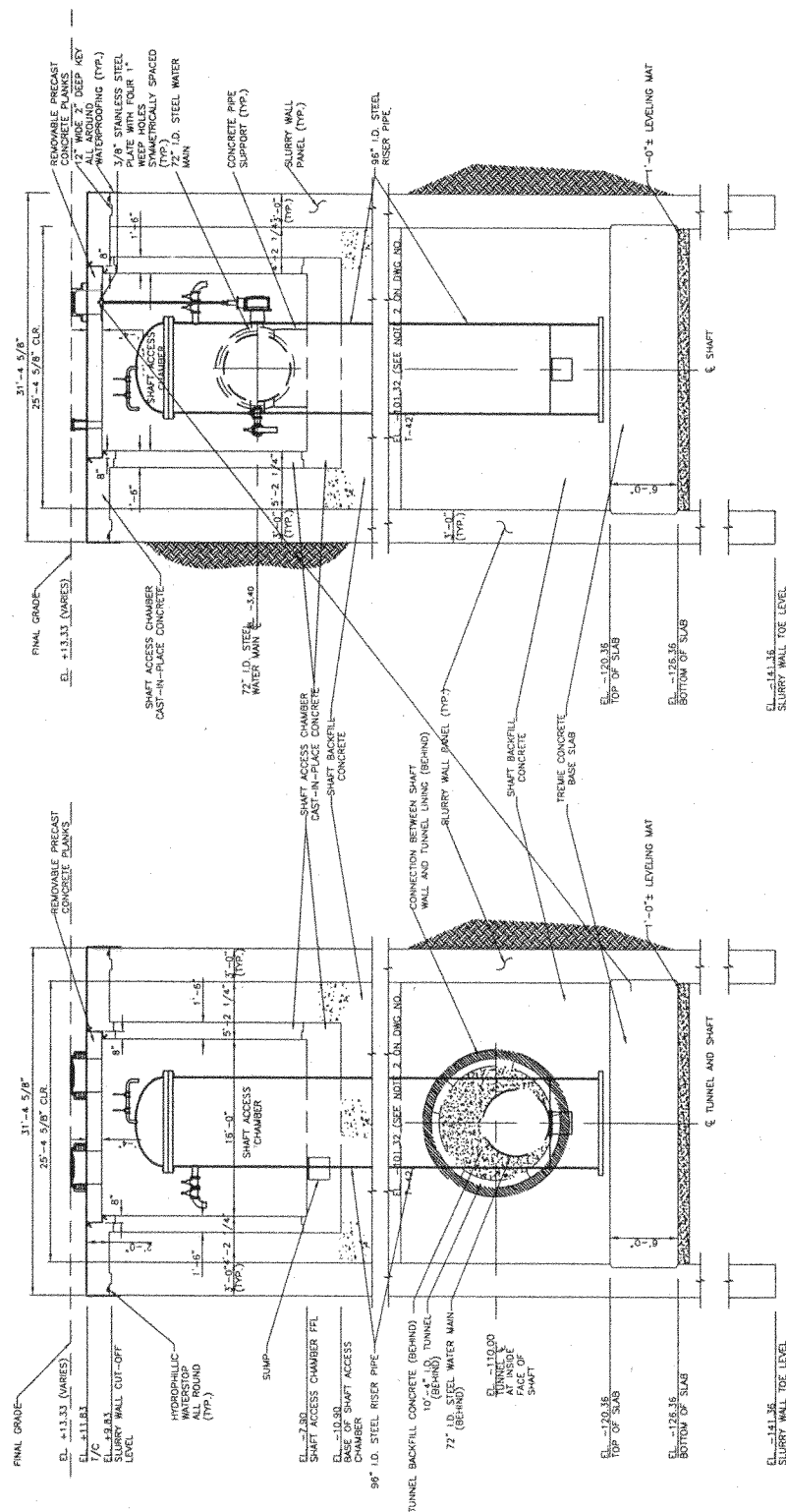
GENERAL TUNNEL SECTION



**BROOKLYN RECEIVING SHAFT
ROOF PLAN**

1. DEPARTMENT OF CITYWIDE ADMINISTRATION
SERVICES
2. NEW YORK CITY TRANSIT AUTHORITY

REPLACEMENT OF EXISTING
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BROOKLYN RECEIVING SHAFT CROSS SECTIONS

PURPOSE: CONSTRUCT A NEW WATER SIPHON
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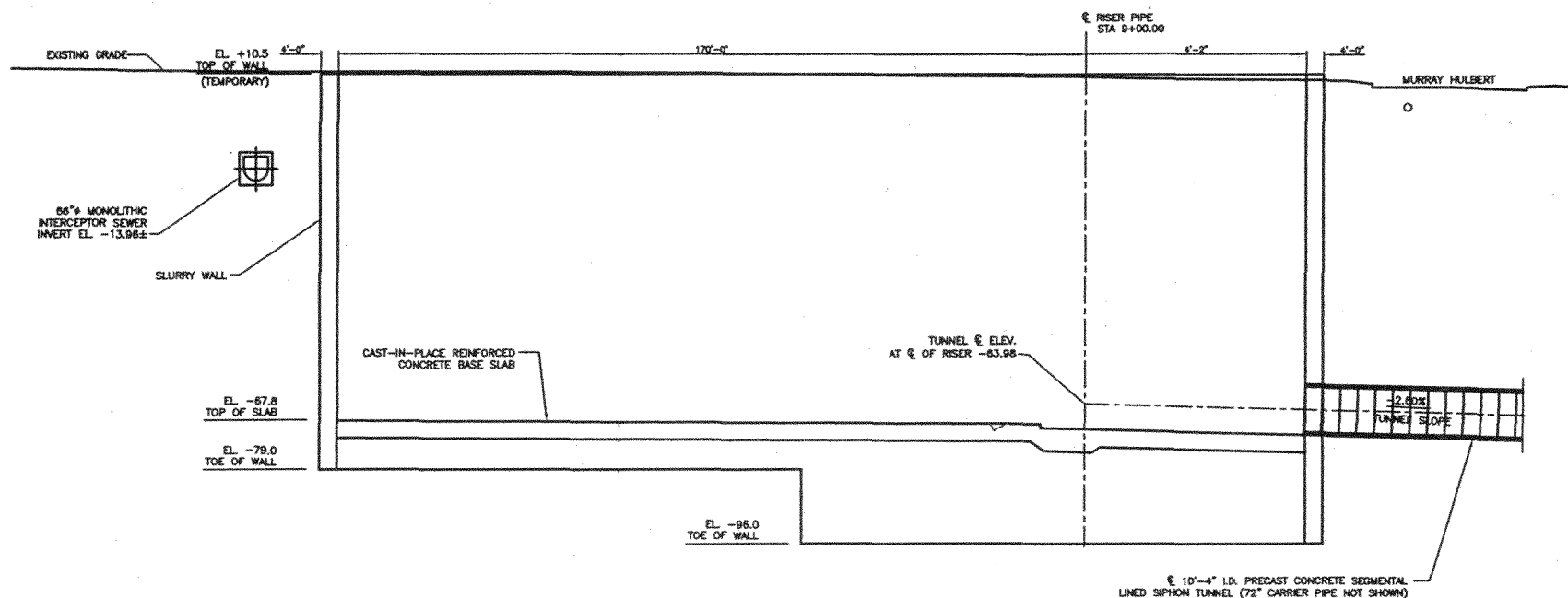
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SHEET 14 OF 15

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STATEN ISLAND TRENCH SECTION A-A

REPLACEMENT OF EXISTING
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