



# 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-2014-00315-EHA  
Issue Date: November 3, 2016  
Expiration Date: December 5, 2016

## 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).

**APPLICANT:** New York City Department of Design and Construction  
30-30 Thompson Avenue, 3<sup>rd</sup> Floor  
Long Island City, New York 11101

**ACTIVITY:** Install two water mains via horizontal directional drilling between City Island and Pelham Bay Park and install a stormwater outfall on City Island.

**WATERWAY:** Eastchester Bay, tributary to Long Island Sound

**LOCATION:** Borough of Bronx, Bronx County, 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 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. Comments submitted in response

to this notice will be fully considered during the public interest review for this permit application. All written comments, including names and addresses, 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 mail 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 would have no effect on any Federally endangered or threatened species or their critical habitat.

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 proposed work, fully described in the attached work description, would not affect EFH or managed 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.

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 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.

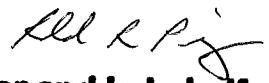
In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- 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. If you have any questions concerning this application, you may contact this office at (917) 790-8523 and ask for Naomi Handell.

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

**WORK DESCRIPTION**

The applicant, New York City Department of Design and Construction, has requested Department of the Army authorization to install two water mains via horizontal directional drilling (HDD) between City Island and Pelham Bay Park and install a stormwater outfall on City Island, in Eastchester Bay, Borough of Bronx, Bronx County, New York.

The work would involve:

Install two (2) 20-inch diameter water mains each encased in 32-inch diameter steel pipe via Horizontal Directional Drilling (HDD) from Pelham Bay Park, just south of City Island Road, across Eastchester Bay to City Island, west of City Island Avenue, between Kilroe Street and Cross Street. The water mains would be installed approximately 75-feet to 100-feet below the bay bottom. At Pelham Bay Park, the HDD entry locations would be in uplands. On City Island, both water mains would exit waterward of the spring high water line. The length of the proposed water mains would be approximately 1,500 linear feet. See Sheets 21-34 of 48.

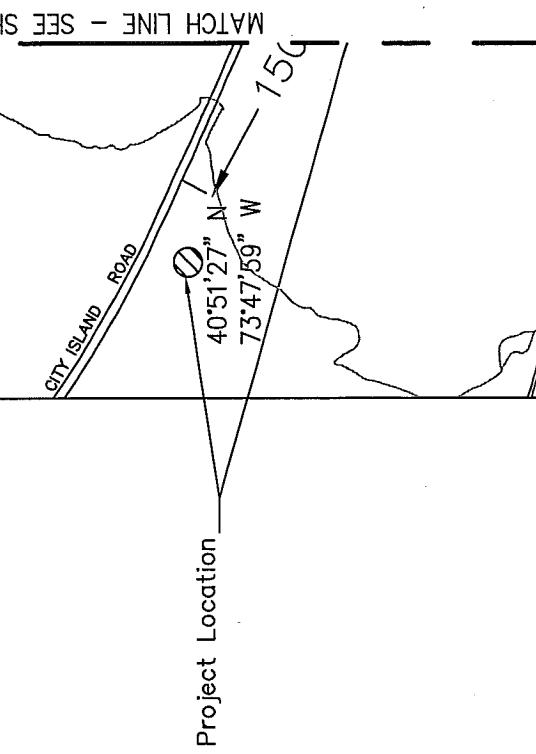
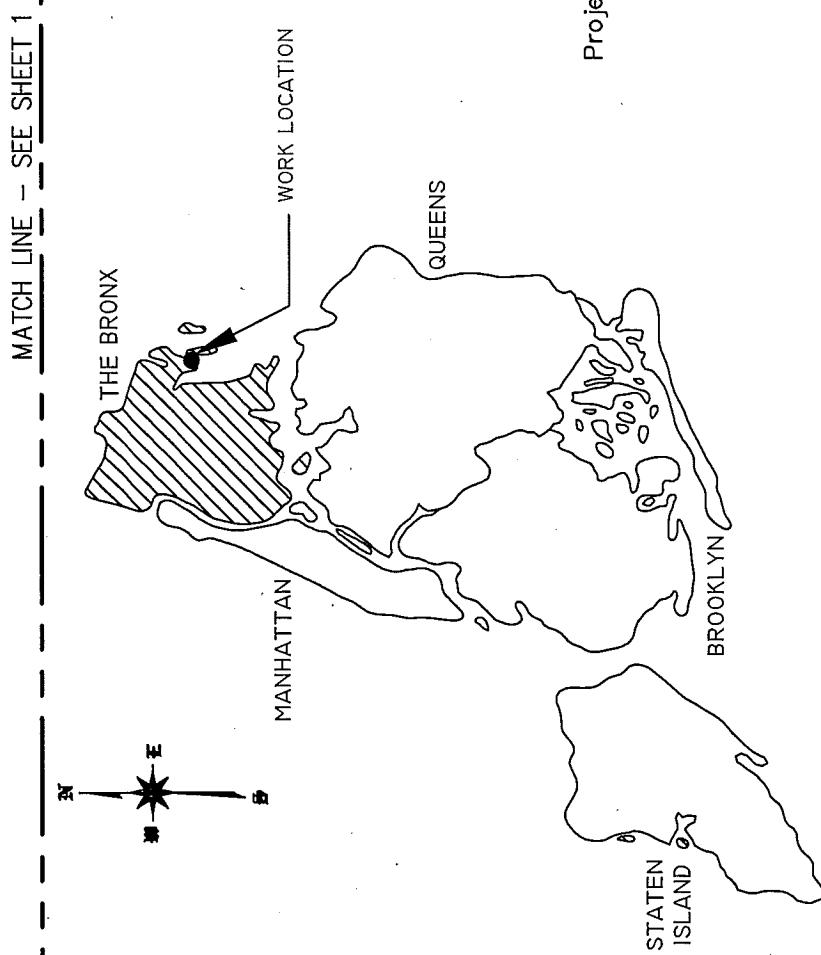
The HDD exit pit in Eastchester Bay would be 54-feet long and 35-feet wide. No discharge of drilling fluid is proposed. Upon project completion, the exit pit would be filled in with approximately 2,500 cubic yards of clean sand from a state approved upland source. Dewatering of the exit pit work area would be accomplished with use of a cofferdam.

At the City Island location, install one (1) 24-inch diameter storm water outfall with 50 square feet of rip-rap at base of outfall. See Sheet 37 of 48.

The proposed work would temporarily disturb 4,840 square feet of wetlands and waters of the United States, including a 125 square foot disturbance to vegetated wetlands. The proposed work would permanently fill 180 square feet of intertidal, unvegetated habitat. See Sheet 37-40 of 48.

The applicant has stated that they have avoided, minimized, and mitigated for proposed impacts to the maximum extent practicable by combining the proposed water mains and stormwater outfall into one project. By doing so, the area would be disturbed only once, instead of the additional disturbance that would be required for two separate projects. All work would be done within the confines of a turbidity curtain and cofferdam. Temporarily disturbed areas would be returned to pre-existing conditions. The proposed use of HDD to install the water mains avoids and minimizes impacts to Eastchester Bay. The proposed staging area for the Pelham Bay Park side of the work is in uplands. Due to site constraints, the proposed staging area for the City Island side of the work is in waters of the U.S., but has been minimized to the maximum extent practicable. As compensatory mitigation for the proposed fill in vegetated wetlands, the applicant proposes to plant 1,232 square feet of spartina alterniflora. As compensatory mitigation for the proposed fill of unvegetated area, 240 square feet of existing rip-rap would be removed and two abandoned vessels totaling 224 square feet would be removed. See Sheet 45 of 48.

The stated purpose of the proposed water mains is to improve drinking water distribution to City Island and the stated purpose of the proposed stormwater outfall is to reduce Combined Sewer Overflow events by constructing a separate storm sewer to accept stormwater.



LOCATION  
N.Y.

Sheet 1/24

CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

COVER SHEET  
SHEET 3 of 4

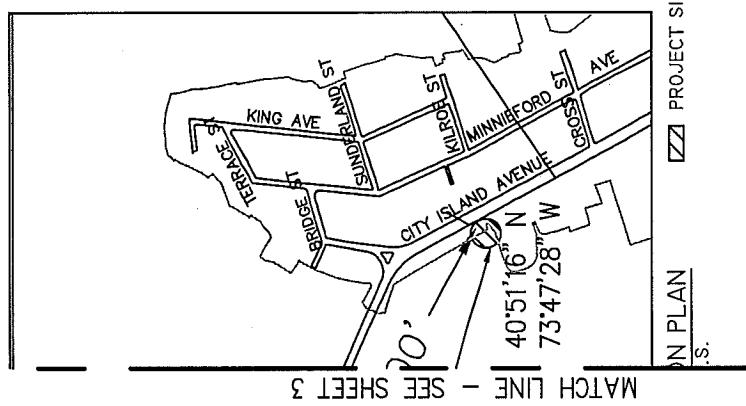
WARNING  
IT IS A VIOLATION OF SECTION 708 OF THE NEW YORK STATE  
EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE  
DIRECTION OF A PROFESSIONAL ENGINEER, TO DRAW, DESIGN, OR  
CONSTRUCT A PUBLIC WORK, OR TO PRACTICE AS A PROFESSIONAL  
ENGINEER, WITHOUT FIRST HAVING BEEN APPLIED, BY  
THE SEAL OF A PROFESSIONAL ENGINEER, FOR EXAMINATION  
AND APPROVAL OF THE DRAWINGS, DESIGN, OR CONSTRUCTION  
PRACTICE, OR FOR THE ISSUANCE OF A PROFESSIONAL ENGINEER'S  
LICENSE. THIS DRAWING HAS NOT BEEN EXAMINED, APPROVED,  
OR LICENSED BY A PROFESSIONAL ENGINEER. IT IS THE  
PROPERTY OF [REDACTED] AND IS THE PROPERTY OF THE  
STATE OF NEW YORK. IT IS THE PROPERTY OF THE STATE OF NEW YORK.  
DATE: [REDACTED]

**HAZEN AND SAWYER**  
Environmental Engineers & Scientists

MATCH LINE – SEE SHEET 2

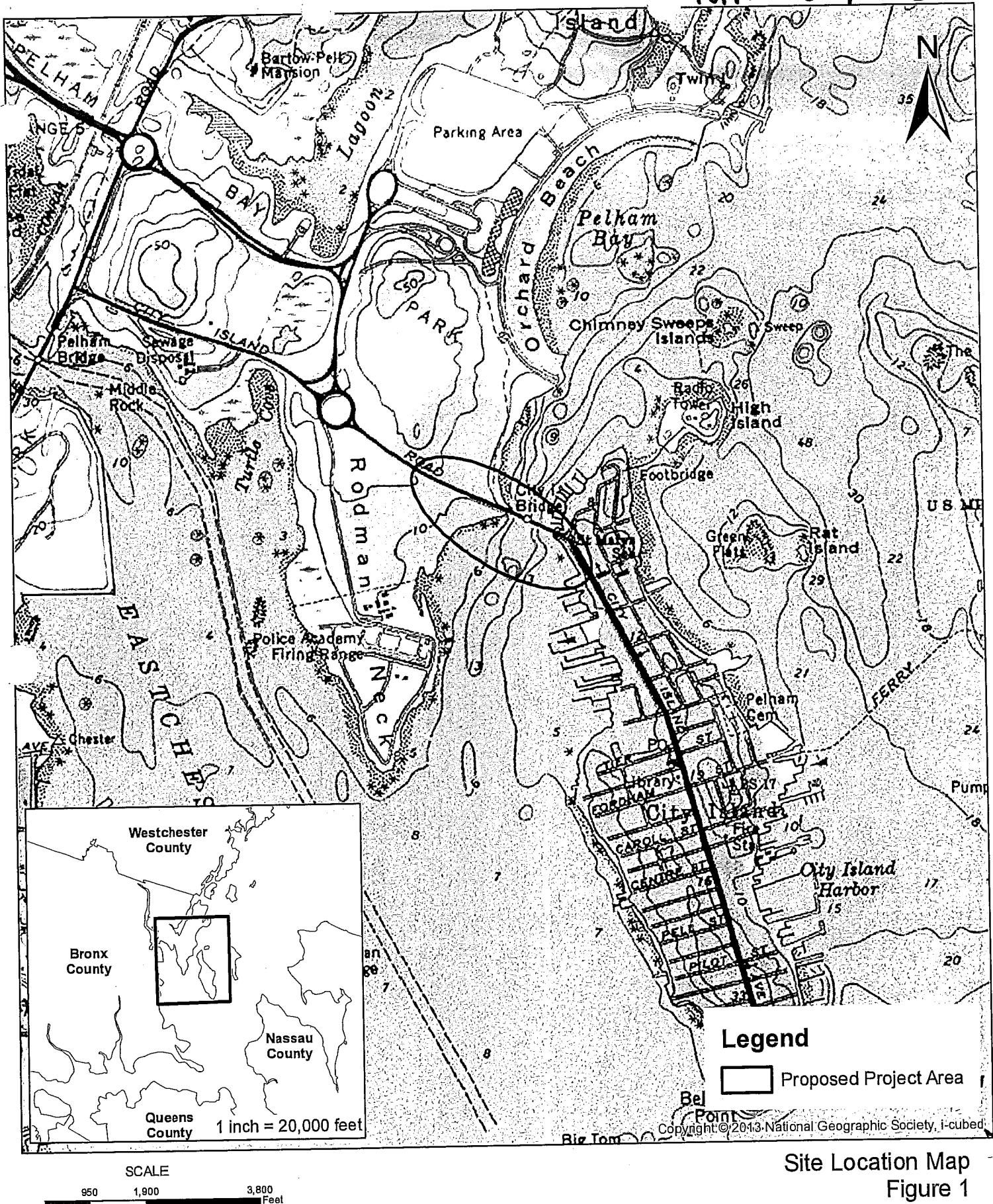
OF BRONX

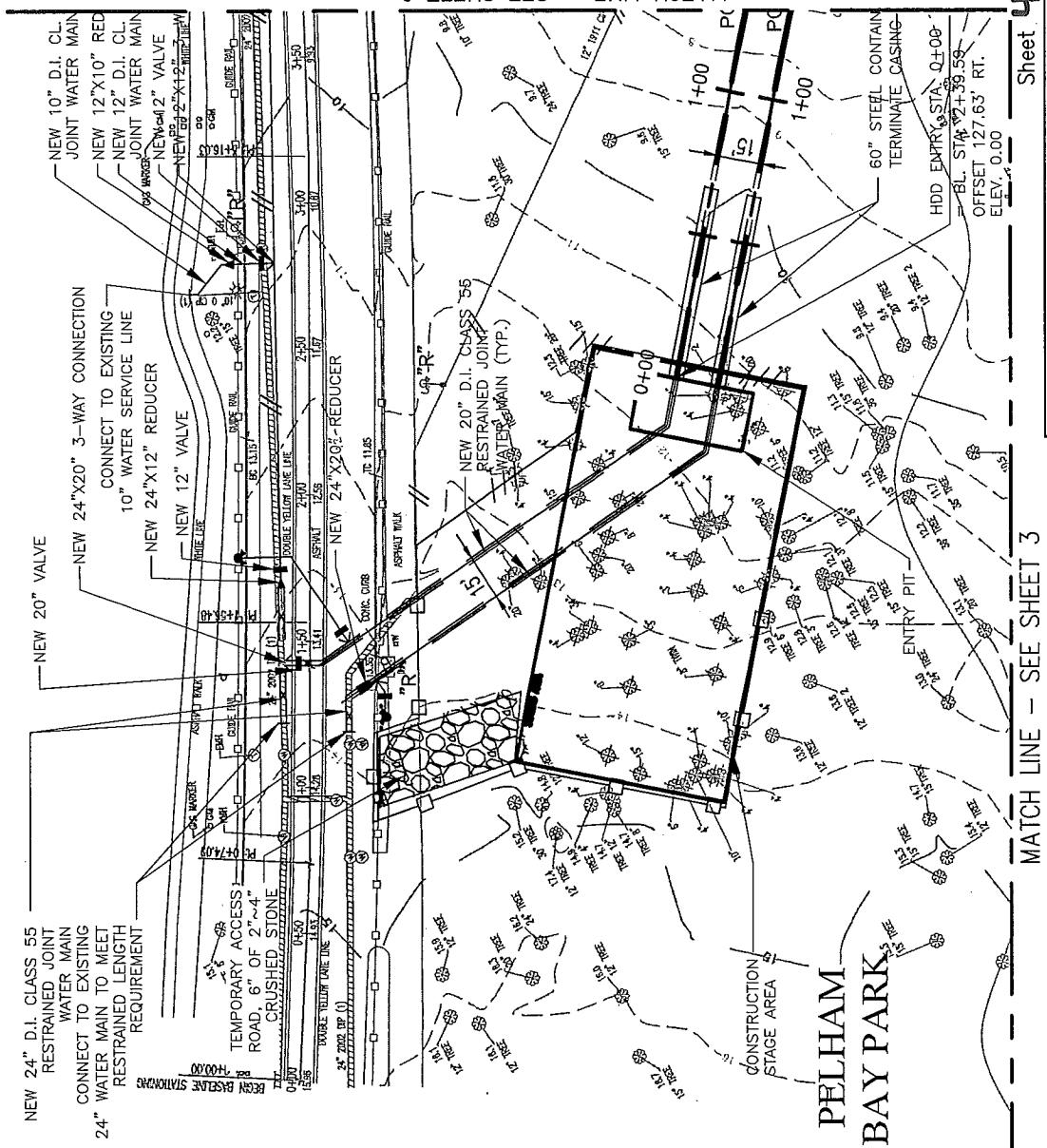
DRAWING LIST		
SHEET No.	DWG. No.	TITLE OF DRAWING
1 OF 12	P1	COVER SHEET
2 OF 12	P2	EXISTING CONDITIONS – SHEET 1
3 OF 12	P3	EXISTING CONDITIONS – SHEET 2
4 OF 12	P4	SEDIMENT AND EROSION CONTROL PLAN – SHEET 1
5 OF 12	P5	SEDIMENT AND EROSION CONTROL PLAN – SHEET 2
6 OF 12	P6	PROPOSED PLAN AND PROFILE – SHEET 1
7 OF 12	P7	PROPOSED PLAN AND PROFILE – SHEET 2
8 OF 12	P8	PROPOSED PLAN AND PROFILE – SHEET 3
9 OF 12	P9	PROPOSED PLAN AND PROFILE – SHEET 4
10 OF 12	P10	SITE IMPACTS – SHEET 1
11 OF 12	P11	FINAL SITE PLAN – SHEET 1
12 OF 12	P12	FINAL SITE PLAN – SHEET 2


**QAKRF**  
AKRF Engineers, P.C.
**HAZEN AND SAWYER | DDC**  
Environmental Engineers & Scientists

Sheet 2 of 26  
 CAPITAL PROJECT # HED-564  
 20" SUB-AQUEOUS WATER MAINS TO  
 CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

COVER SHEET  
 SHEET 4 of 4





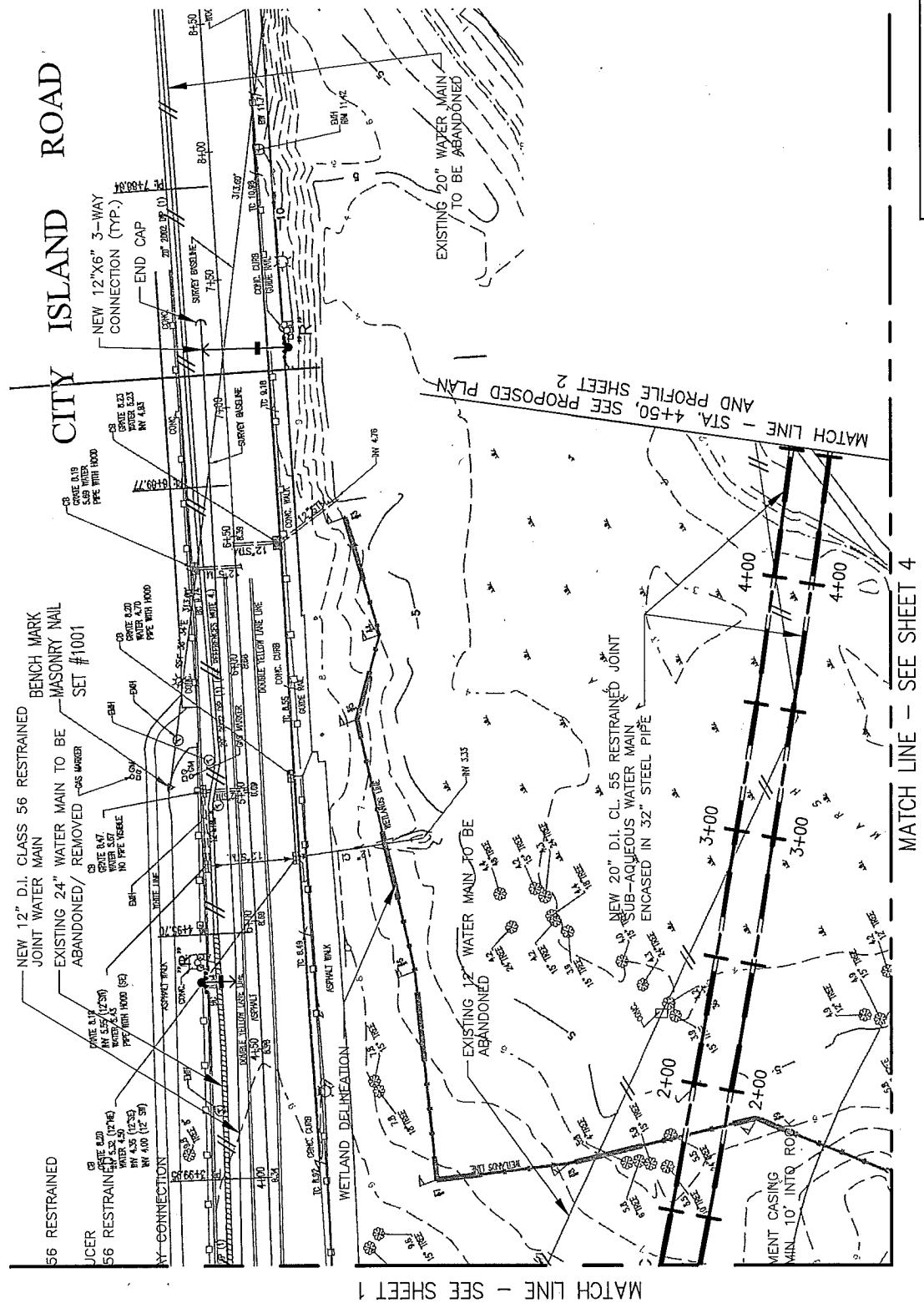
## NOTES.

1. ALL CASTINGS FOR NEW WATER MAINS IN GRASS AREAS TO HAVE CONCRETE PADS AROUND THEM.
  2. ALL CASTINGS FOR ABANDONED WATER MAINS TO BE REMOVED.
  3. FIRE DEPARTMENT CABLES RUN IN BOTH THE FIRE DEPARTMENT'S AND EMPIRE CITY SUBWAY'S CONDUIT SYSTEMS UNDERGROUND. THESE FACILITIES MUST BE SUPPORTED AND PROPERLY PROTECTED DURING CONSTRUCTION. IF THIS CANNOT BE ACHIEVED, RELOCATION MUST BE PERFORMED DURING CONSTRUCTION.

**CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL**

**PROPOSED PLAN AND PROFILE  
SHEET 1**

**HAZEN AND SAWYER** | DDC  
 Environmental Engineers & Scientists



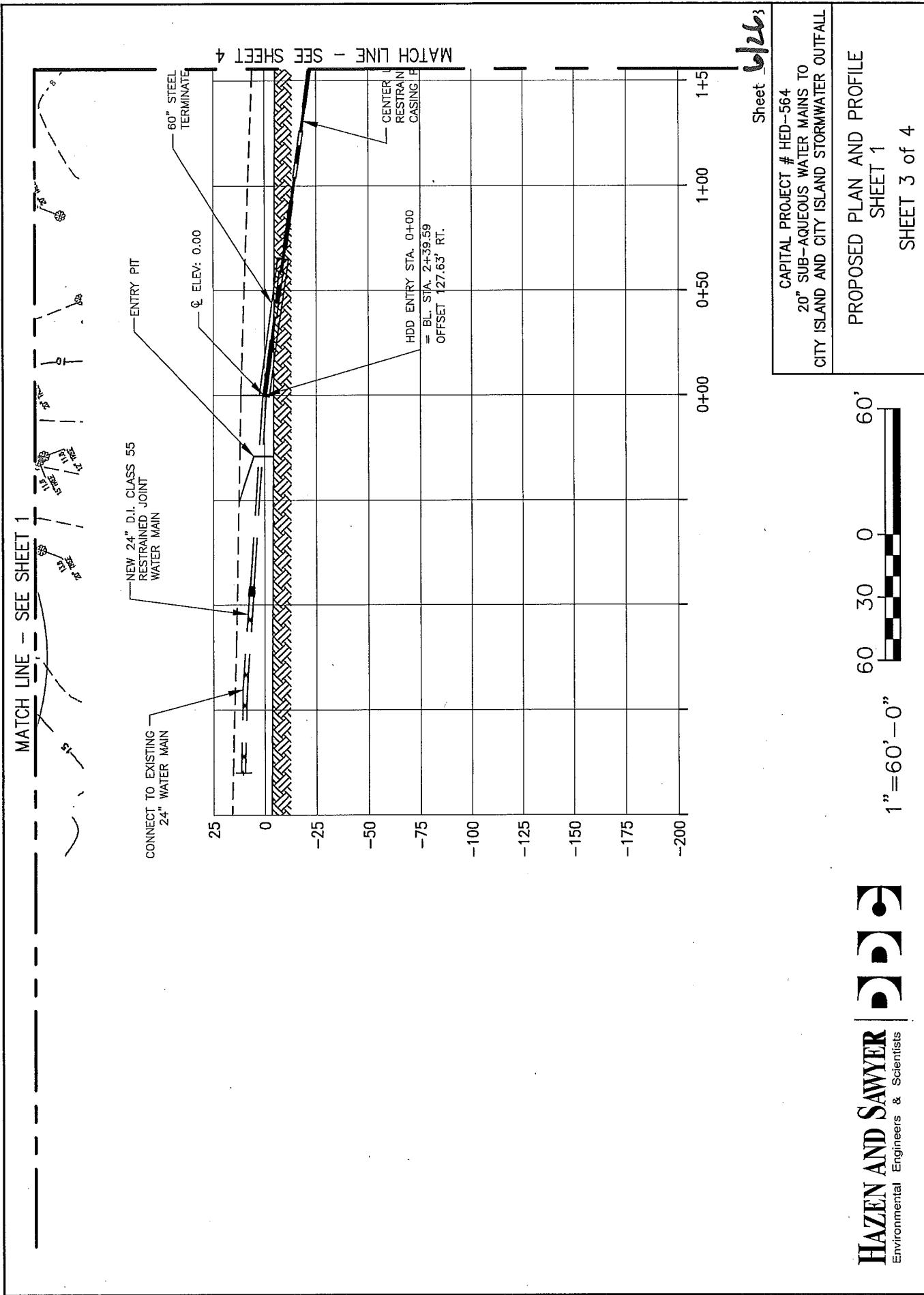
HAZEN AND SAWYER | DDC Environmental Engineers & Scientists

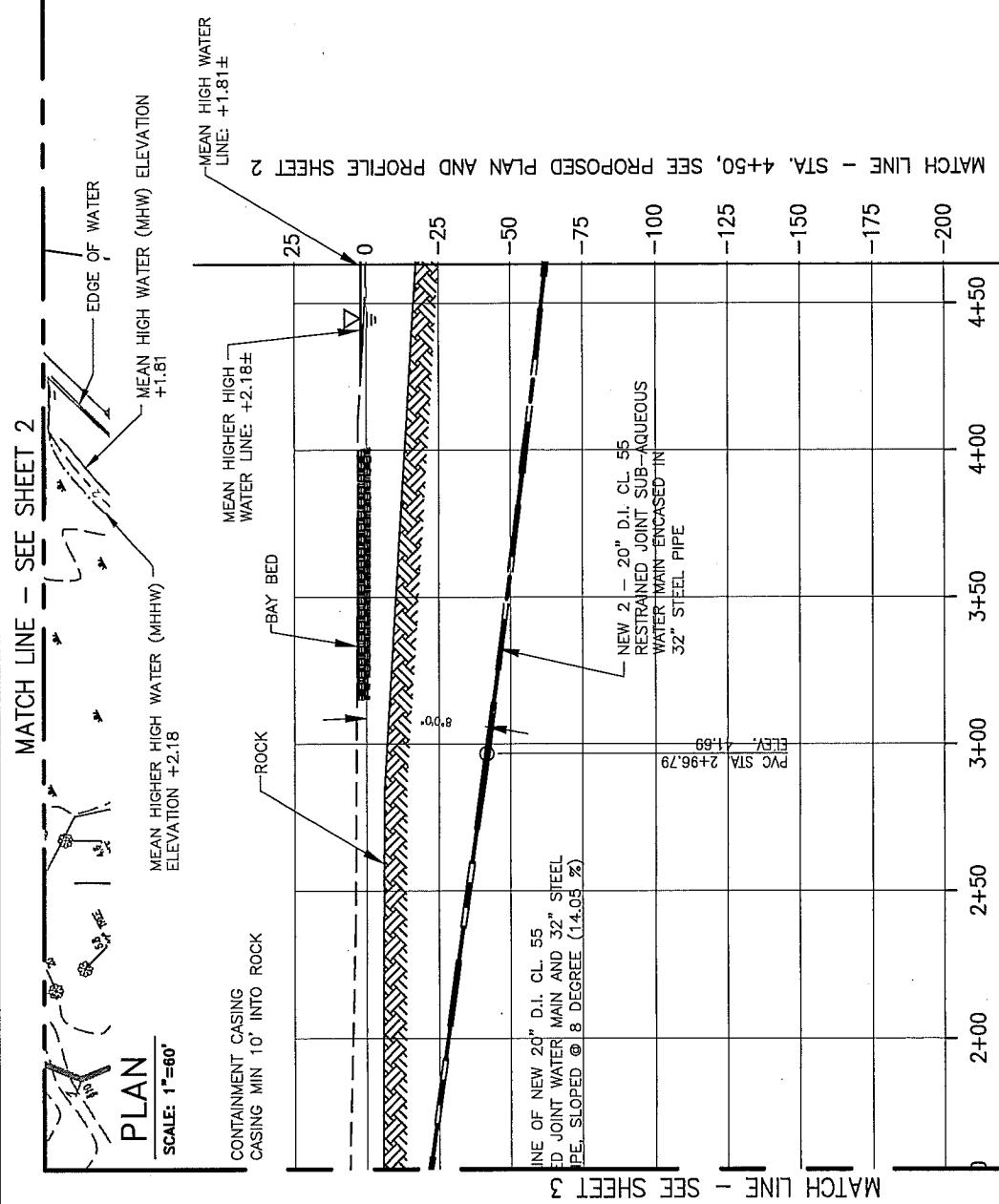
JAVELIN AND SAWYER  
Environmental Engineers & Scientists

20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

**PROPOSED PLAN AND PROFILE  
SHEET 1**

**SHEET 2 of 4**





**PROPOSED PLAN AND PROFILE SHEET 1**

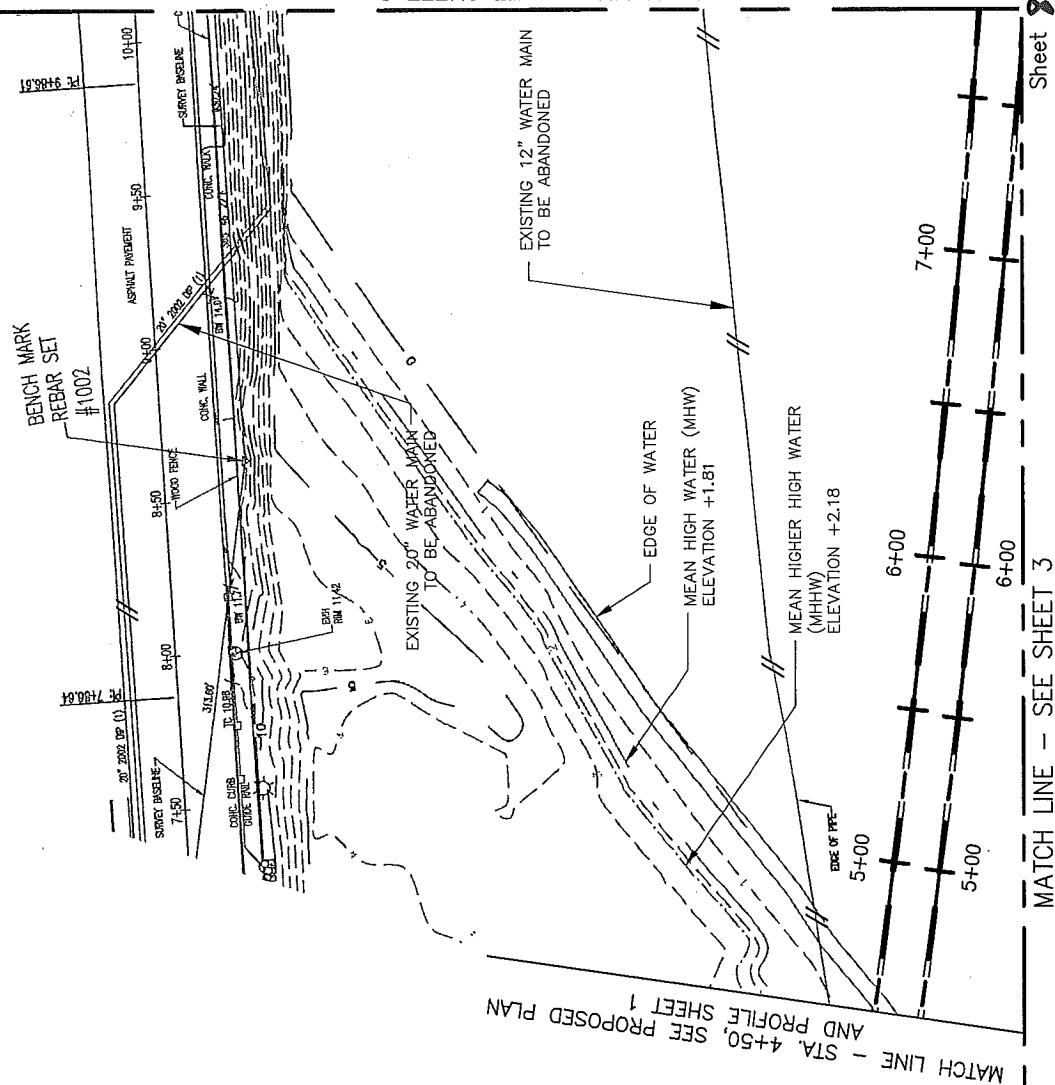
**SHEET 4 of 4**

CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

**Sheet 7 | 26**

**HAZEN AND SAWYER | D | D | E**

Environmental Engineers & Scientists



NOTES

1. ALL CASTINGS FOR NEW WATER MAINS IN GRASS AREAS TO HAVE CONCRETE PADS AROUND THEM.
  2. ALL CASTINGS FOR ABANDONED WATER MAINS TO BE REMOVED.
  3. FIRE DEPARTMENT CABLES RUN IN BOTH THE FIRE DEPARTMENT'S AND EMPIRE CITY SUBWAY'S CONDUIT SYSTEMS UNDERGROUND. THESE FACILITIES MUST BE SUPPORTED AND PROPERLY PROTECTED DURING CONSTRUCTION. IF THIS CANNOT BE ACHIEVED, RELOCATION MUST BE PERFORMED DURING CONSTRUCTION.
  4. 1500 LF OF TWO 20" WATER MAINS WILL BE INSTALLED WITHIN THE EASTCHESTER BAY FROM THE BRONX TO CITY ISLAND.

**CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL**

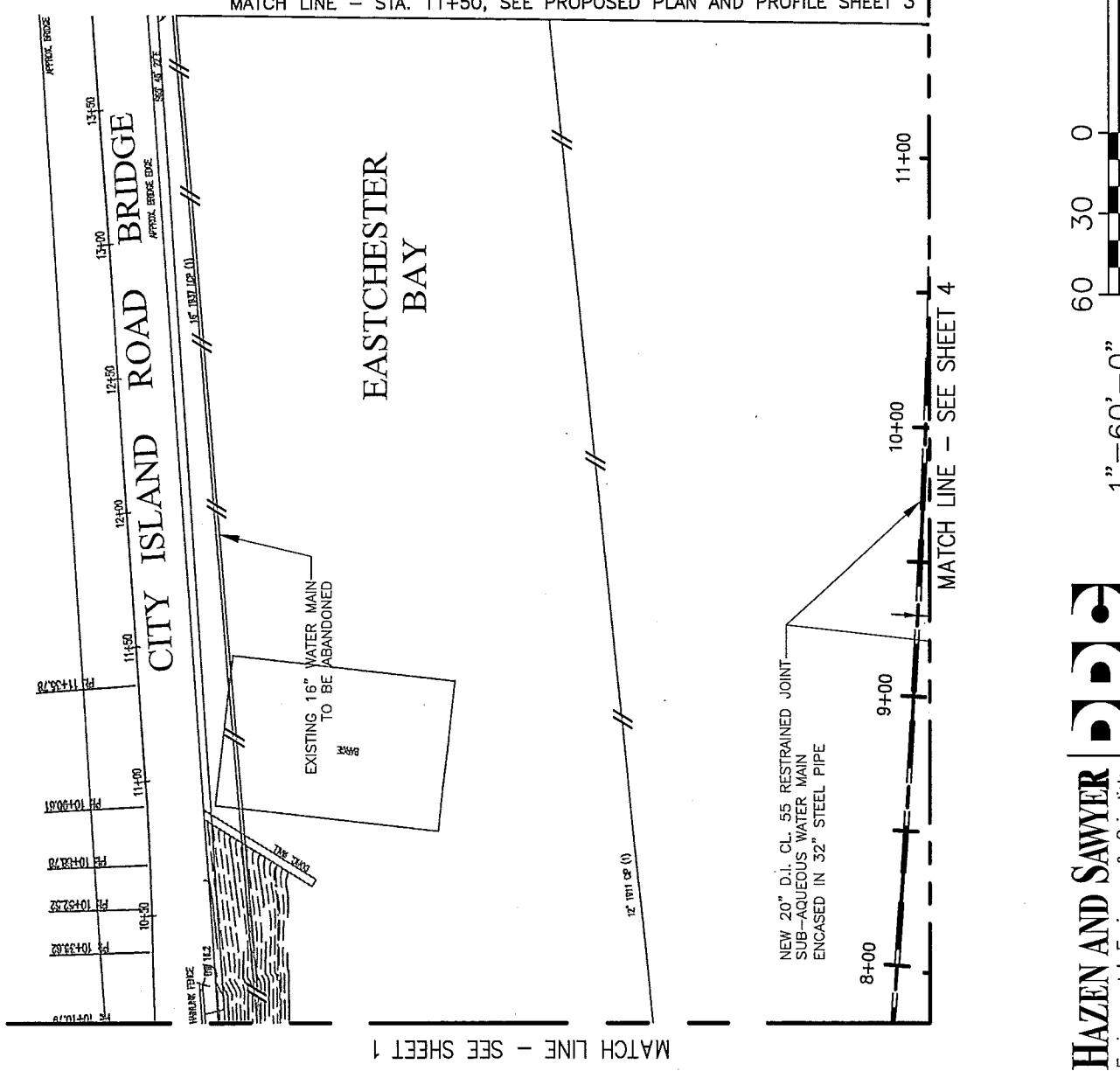
SED PLAN AND PROFILE  
SHEET 2  
SHEET 1 of 4

1" ≡ 60', -0"

**HAZEN AND SAWYER** | **D** E  
Environmental Engineers & Scientists

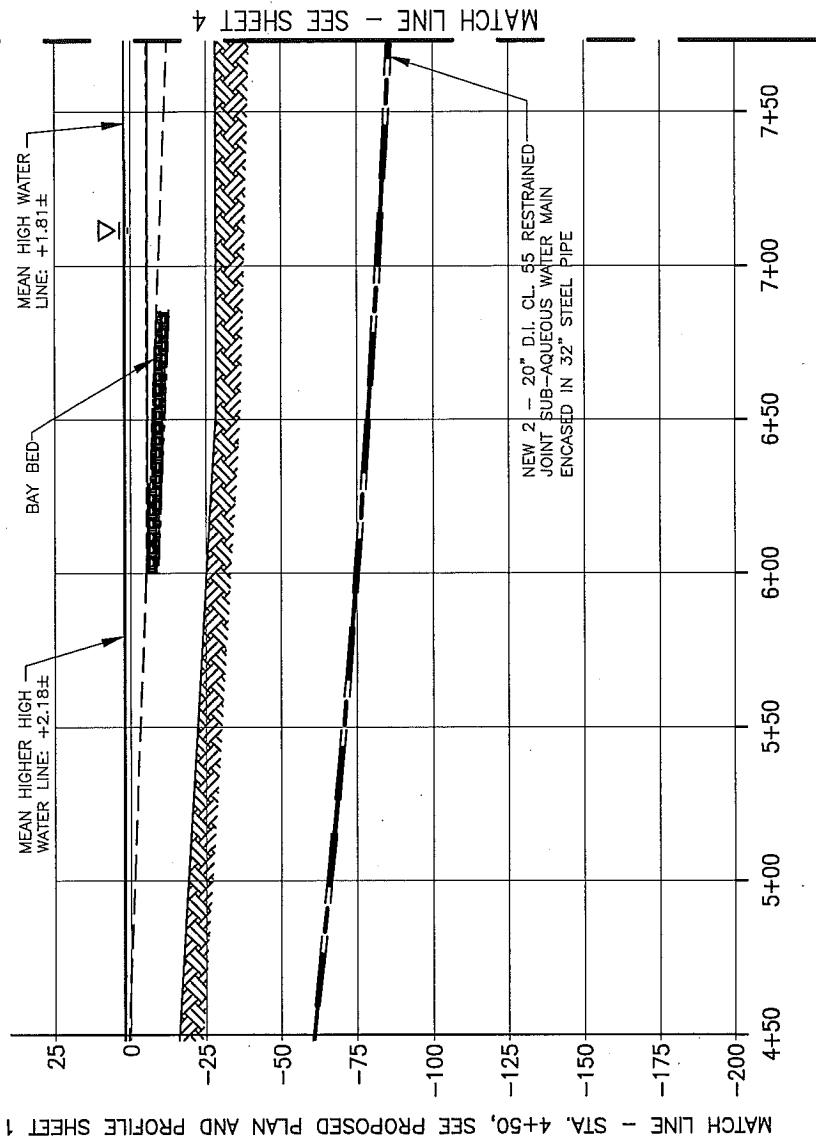
# HAZEN AND SAWER

Environmental Engineers & Scientists



MATCH LINE - SEE SHEET 1

7+00

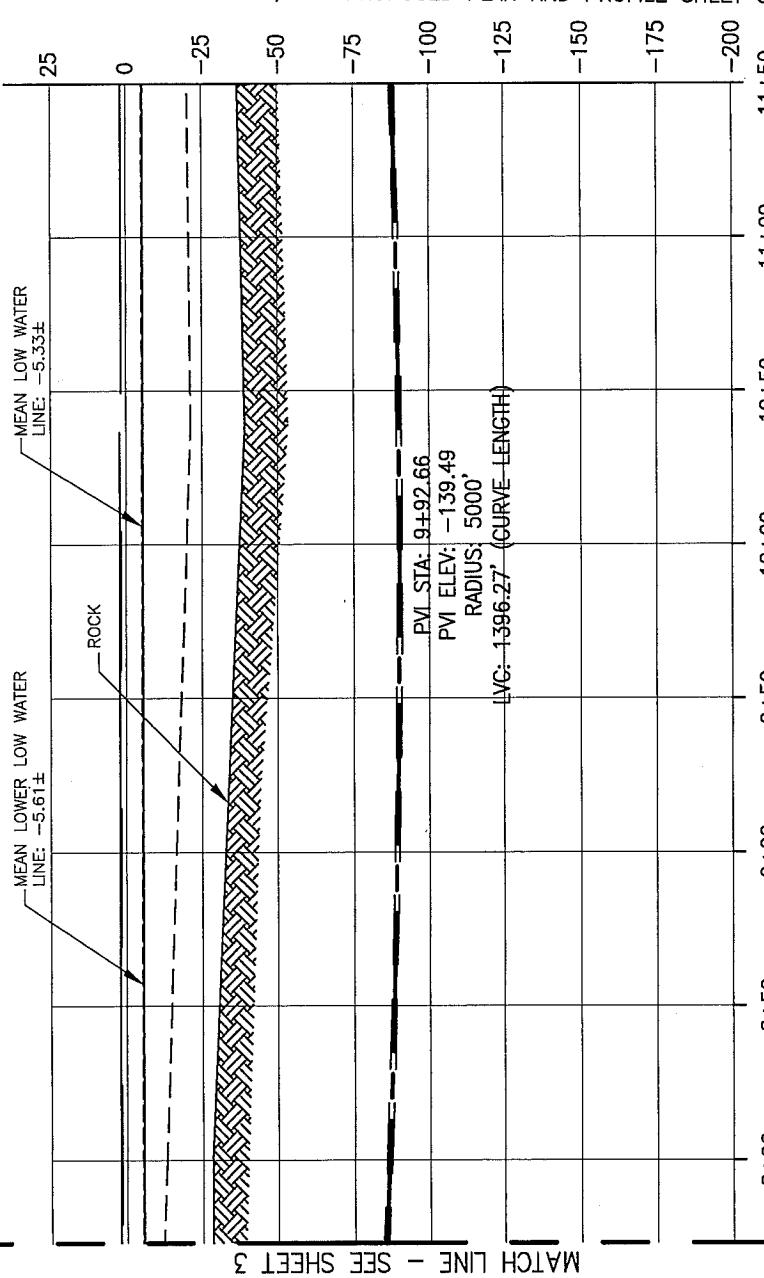
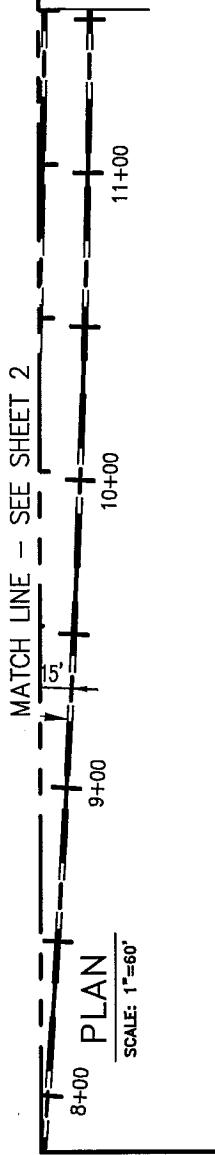
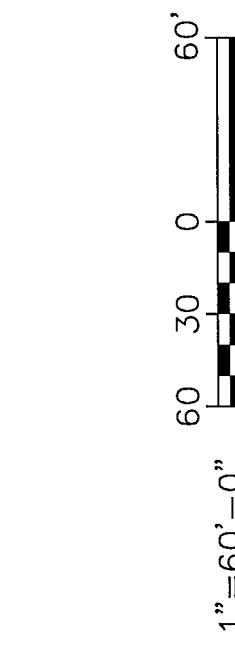


**HAZEN AND SAWYER | DDC**

Environmental Engineers & Scientists

PROPOSED PLAN AND PROFILE  
SHEET 2  
SHEET 3 of 4

Sheet 10/24  
CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

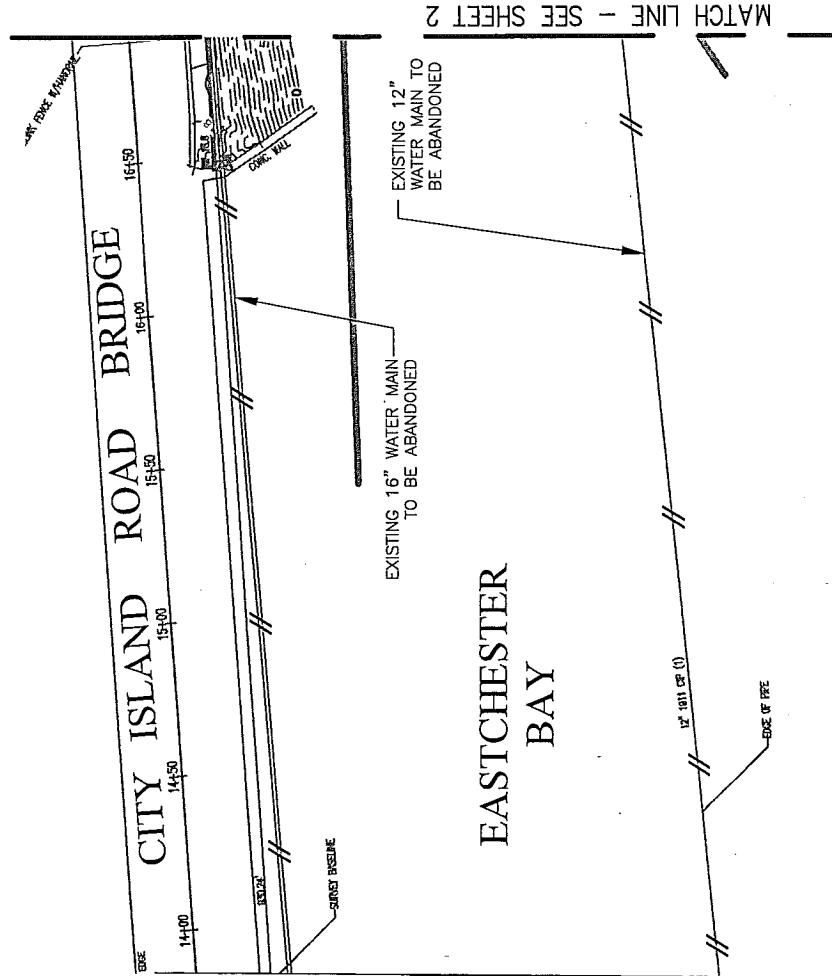
PROFILE

Sheet 11/26

CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALLPROPOSED PLAN AND PROFILE  
SHEET 2  
SHEET 4 of 4

**HAZEN AND SAWYER | D | D | E**

Environmental Engineers & Scientists

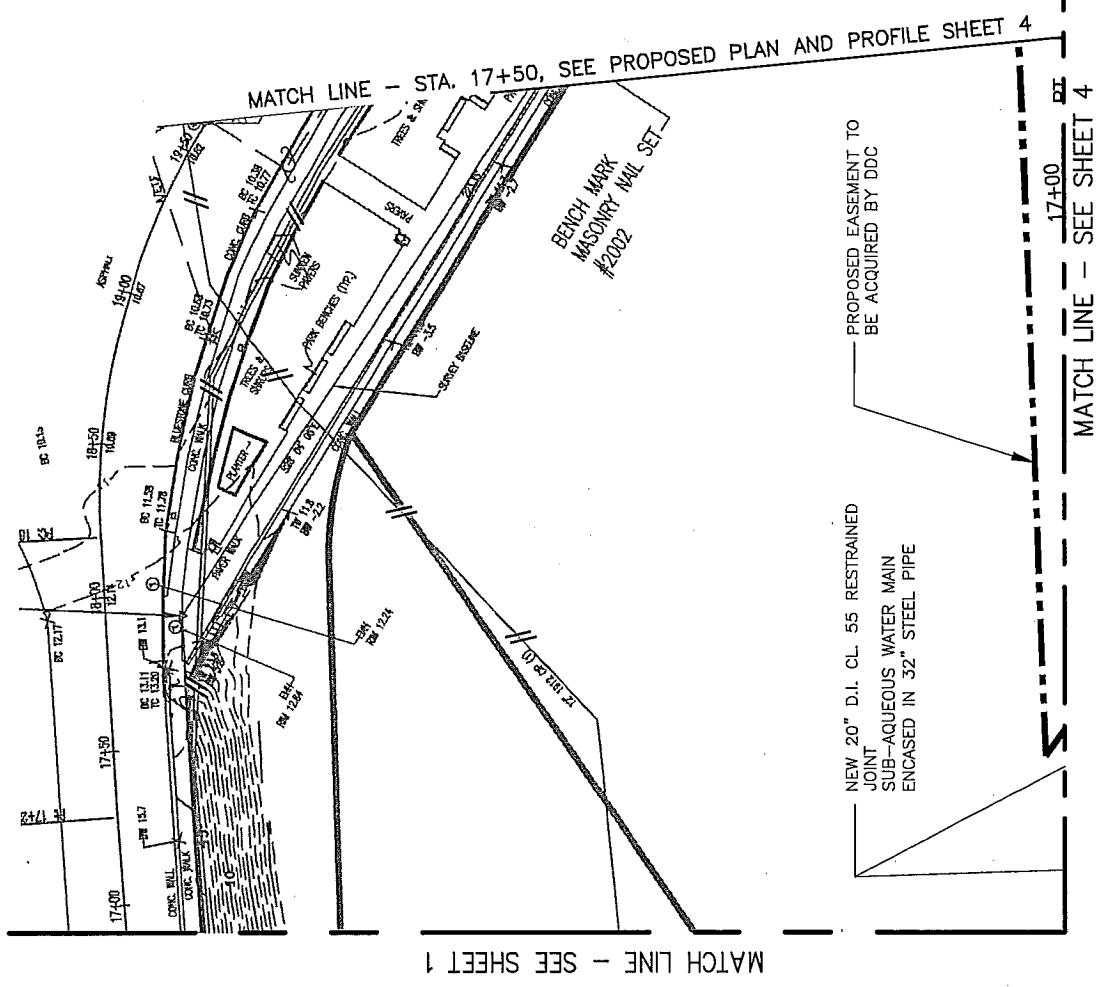


- STA. 11+50, SEE PROPOSED PLAN AND PROFILE SHEET 2

MATCH LINE - SEE SHEET 2		Sheet <b>12/24</b>
CAPITAL PROJECT # HED-564 20" SUB-AQUEOUS WATER MAINS TO CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL		
PROPOSED PLAN AND PROFILE SHEET 3		SHEET 1 of 4

**HAZEN AND SAWYER | DDC | E**  
Environmental Engineers & Scientists

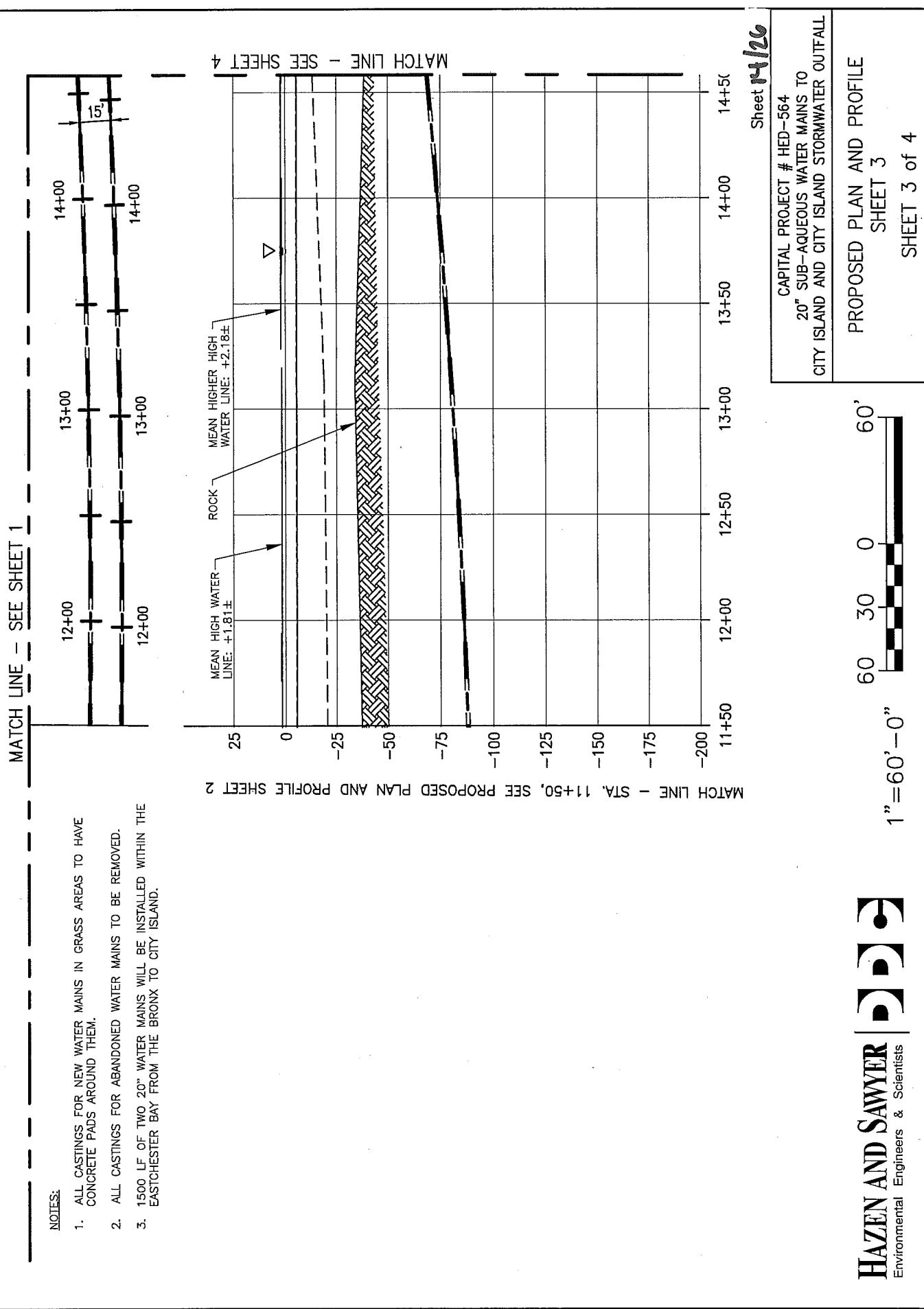
1" = 60' - 0"  
60' 30' 0' 60'

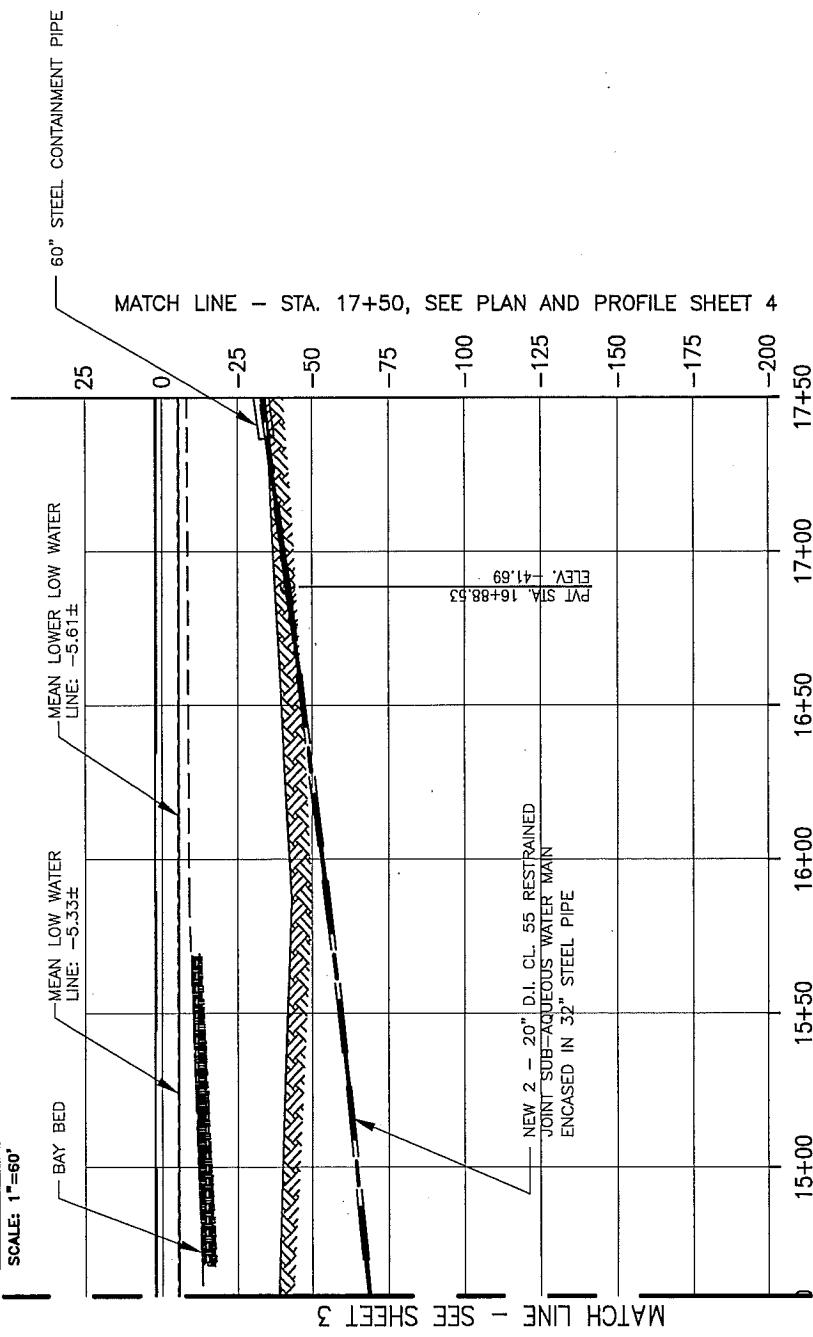
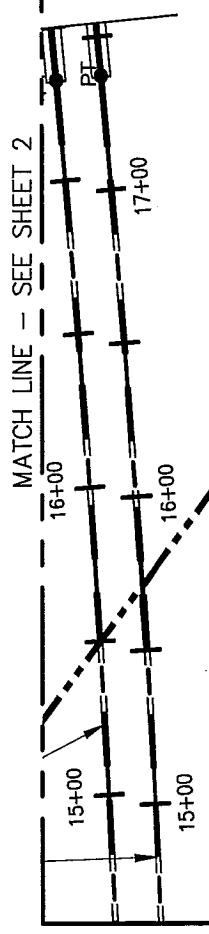


**HAZEN AND SAWYER** | **DDE**  
 Environmental Engineers & Scientists

PROPOSED PLAN AND PROFILE  
SHEET 3  
SHEET 2 of 4

**CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL**



**PROFILE**

**HAZEN AND SAWYER | DDC**  
Environmental Engineers & Scientists

1" = 60' - 0"

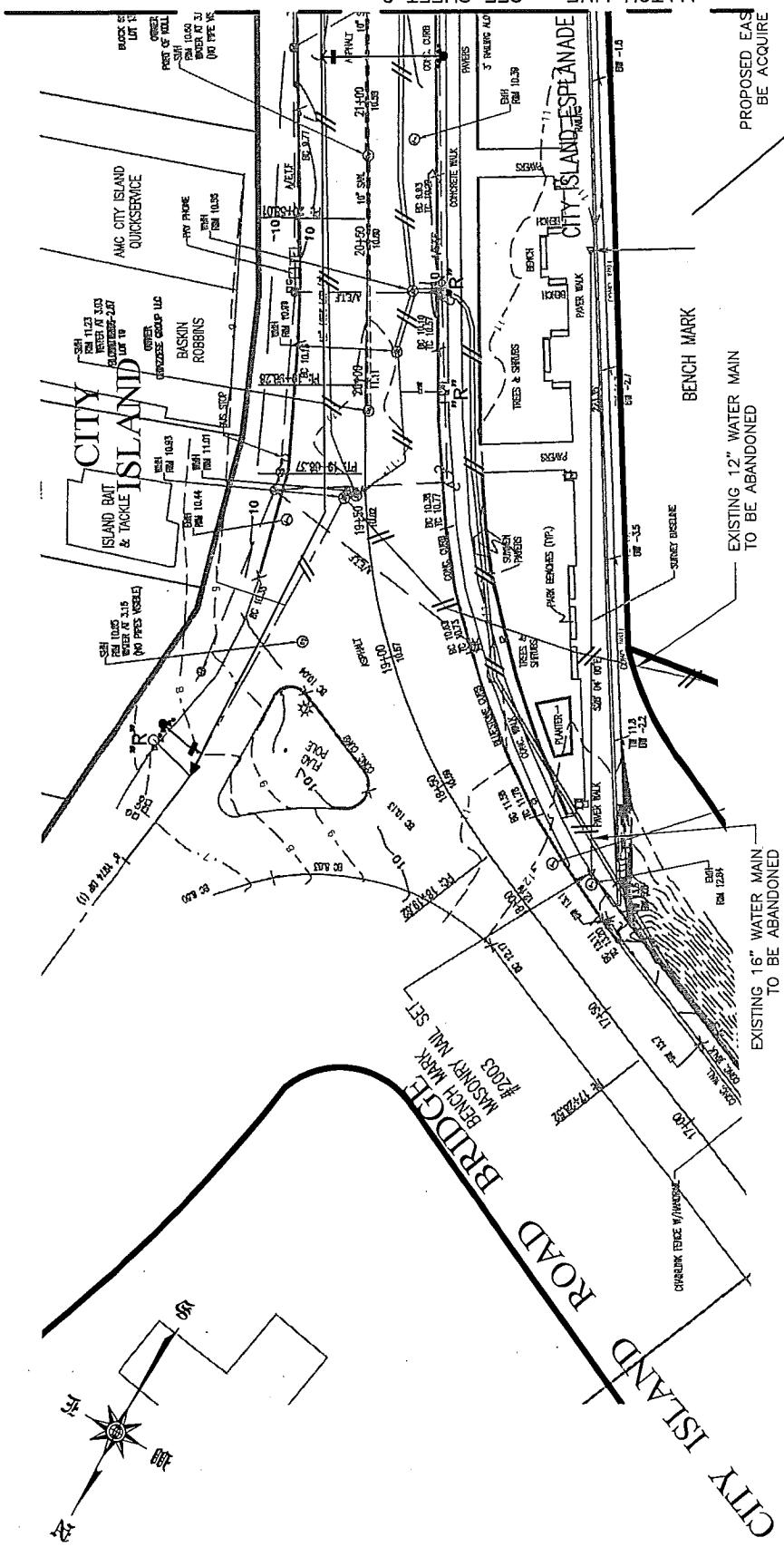


Sheet is 126

CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

PROPOSED PLAN AND PROFILE  
SHEET 3

SHEET 4 of 4



## EASTCHESTER BAY

PLAN

SCALE: 1" = 60'

D-564

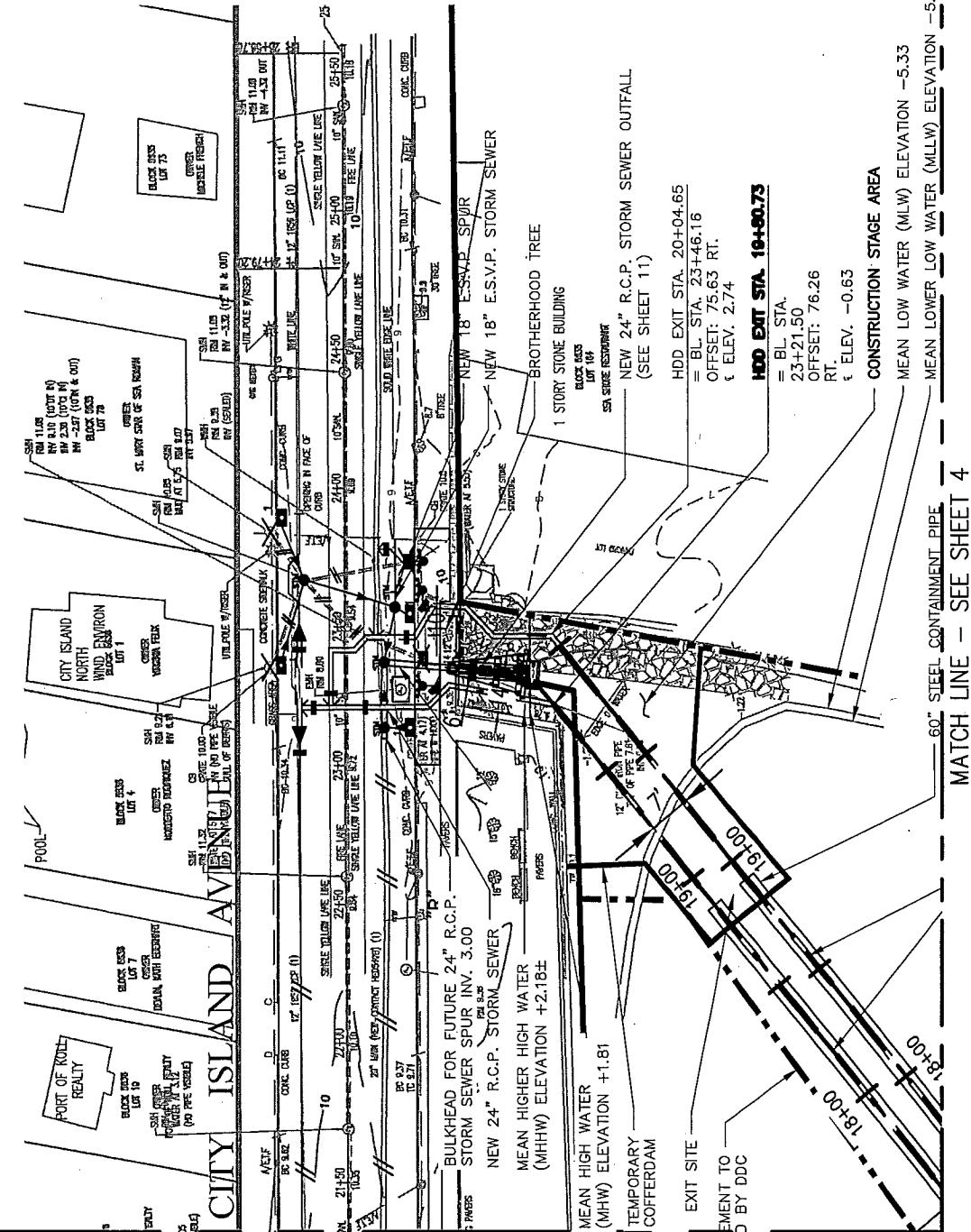
CAPITAL PROJECT # HED-304  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

**PROPOSED PLAN AND PROFILE  
SHEET 1**

SHEET 1 of 4

**HAZEN AND SAWYER** | **D** **D** **C**  
Environmental Frontiers & Scientists

## **ENVIRONMENTAL SCIENCE AND DAWLEX**



MATCH LINE - SEE SHEET 1

**HAZEN AND SAWYER** | DDC  
 Environmental Engineers & Scientists

MAZEL AND DAWIER  
Environmental Engineers & Scientists

CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

SEED PLAN AND PROFILE  
SHEET 4  
SHEET 2 of 4

MATCH LINE - SEE SHEET 2  
 MATCH LINE - STA. 17+50, SEE STA.  
 AND PROFILE SHEET 3

NEW 20" D.I. CL. 55 RESTRAINED JOINT  
 SUB-AQUEOUS WATER MAIN  
 TO CONNECT TO EXISTING WATER MAINS  
 ON CITY ISLAND

EXIT SITE AND 60" STEEL CONTAINMENT  
 PIPE TERMINATE CASING AT ROCK

MEAN HIGHER HIGH  
 WATER LINE: +2.18±

MEAN LOWER LOW  
 WATER LINE: -5.61±

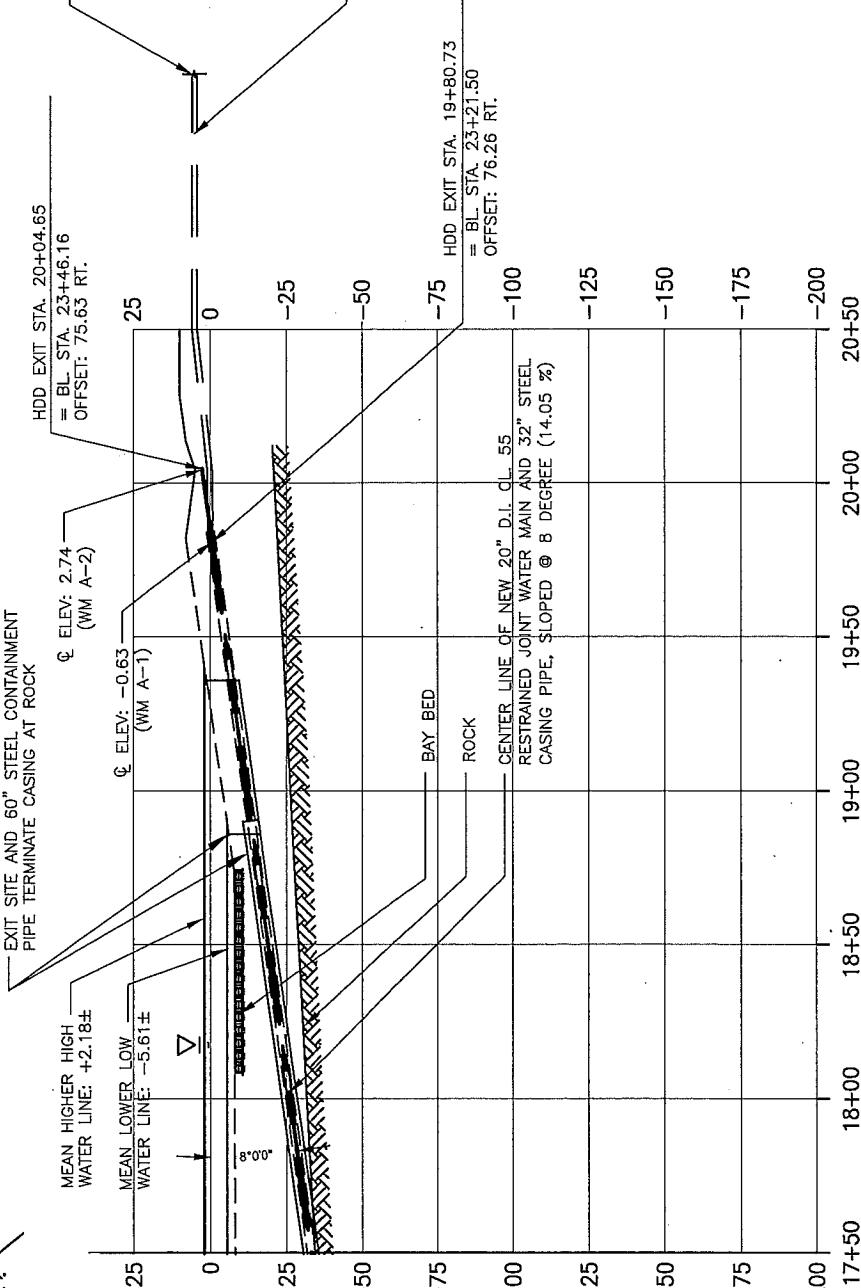
Q ELEV: 2.74  
 (WM A-2)

HDD EXIT STA. 20+04.65  
 = BL STA. 23+46.16  
 OFFSET: 75.63 RT.

SEE PLAN FOR PROPOSED  
 WATER MAIN DESIGN

MATCH LINE - STA. 17=50, SEE PLAN AND PROFILE SHEET

MATCH LINE - SEE SHEET 3



Sheet 18 / 26

CAPITAL PROJECT # HED-564  
 20" SUB-AQUEOUS WATER MAINS TO  
 CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

PROPOSED PLAN AND PROFILE  
 SHEET 4  
 SHEET 4 of 4

**HAZEN AND SAWYER** | DDCS  
 Environmental Engineers & Scientists

1" = 60'-0"  
 60' 30' 0' 60'

## PROFILE

12" 1956 LCP (1)

SINGLE YELLOW LANE LINE CITY ISLAND AVENUE

10

20" MAIN (NEW-CONTACT HED549B) (1)

MATCH LINE - SEE SHEET 2

MEAN HIGHER HIGH WATER (MHHW)  
ELEVATION +2.18±

A hand-drawn site plan for "CITY ISLAND ESPLANADE". The plan shows a paved area at the top labeled "PAVERS" with a "NEW 24" R.C.P. STORM SEWER OUTFALL". Below this is a stepped path area with two rectangular "BENCH" labels. To the right of the path is another paved area labeled "PAVERS". A vertical line on the left is labeled "PAVERS" at the top and "10" twice along its length. A vertical line on the right is labeled "CITY ISLAND ESPLANADE" at the bottom. There are several wavy lines representing water or drainage features.

**CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL**

CAPITAL PROJECT # HED-564  
"SUB-AQUEOUS WATER MAINS TO  
DO AND CITY ISLAND STORMWATER OUTFALL

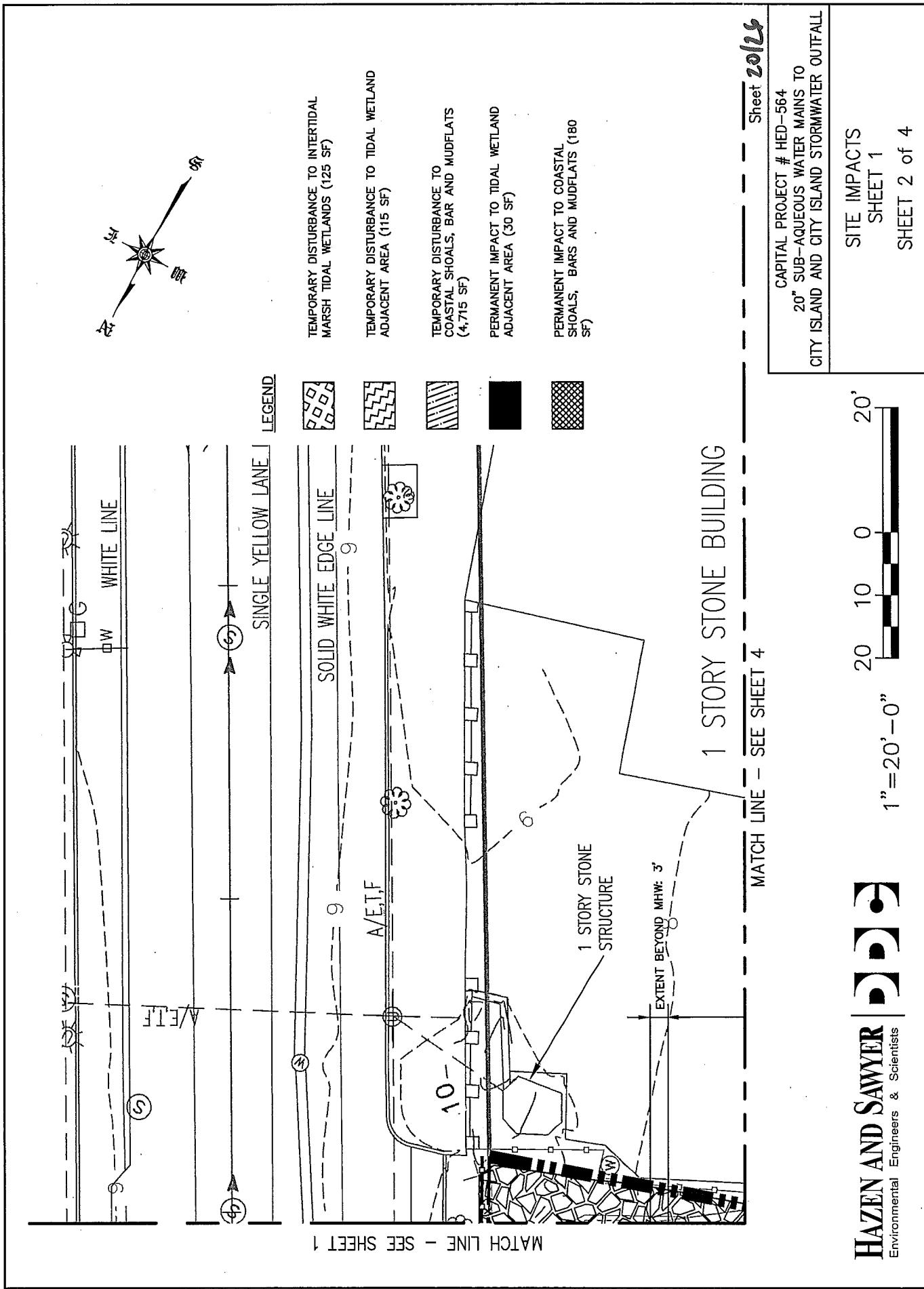
20' CITY ISLAND

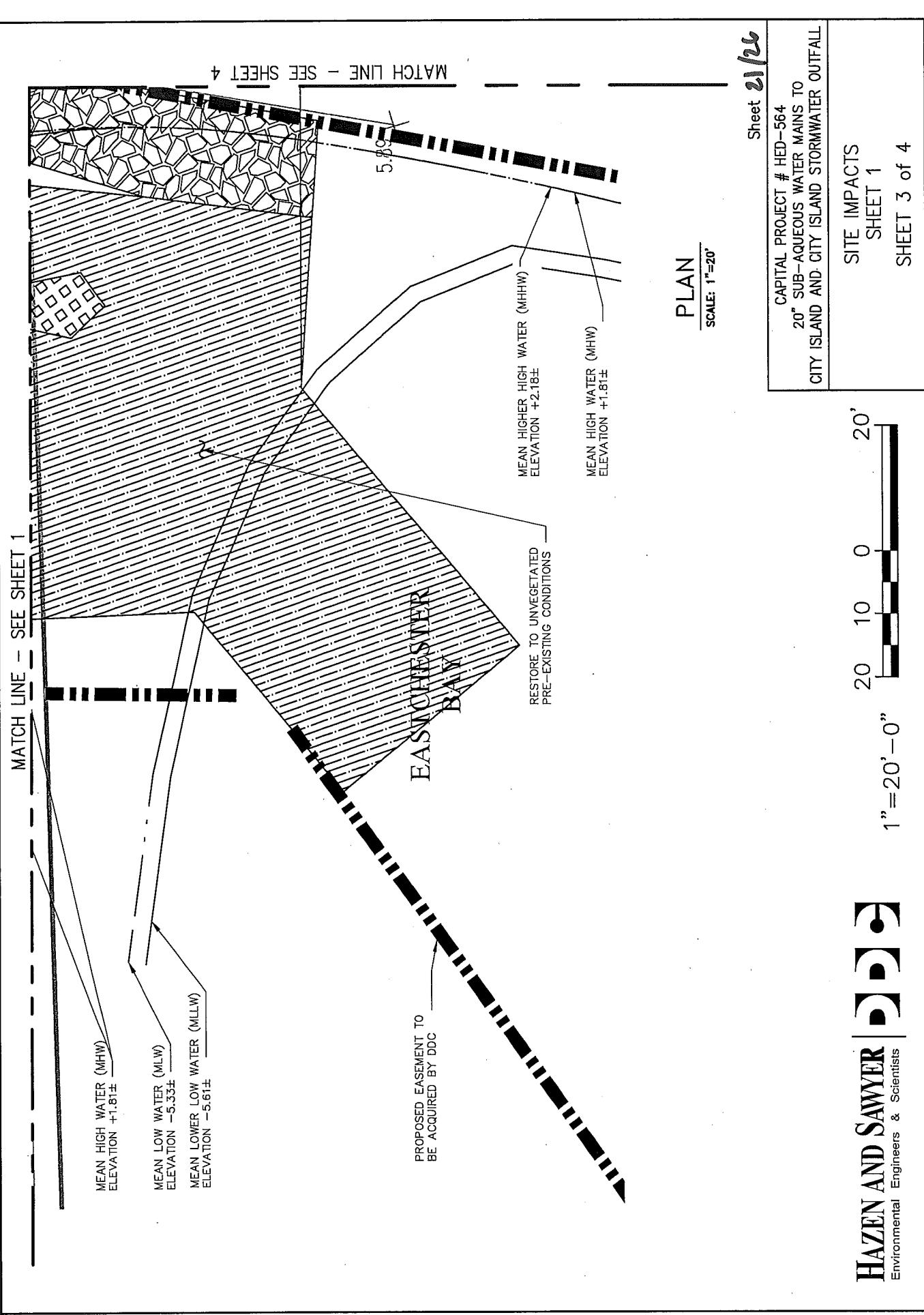
**HAZEN AND SAWYER** | D 23  
Environmental Engineers & Scientists

# HAZEN AND SAWYER

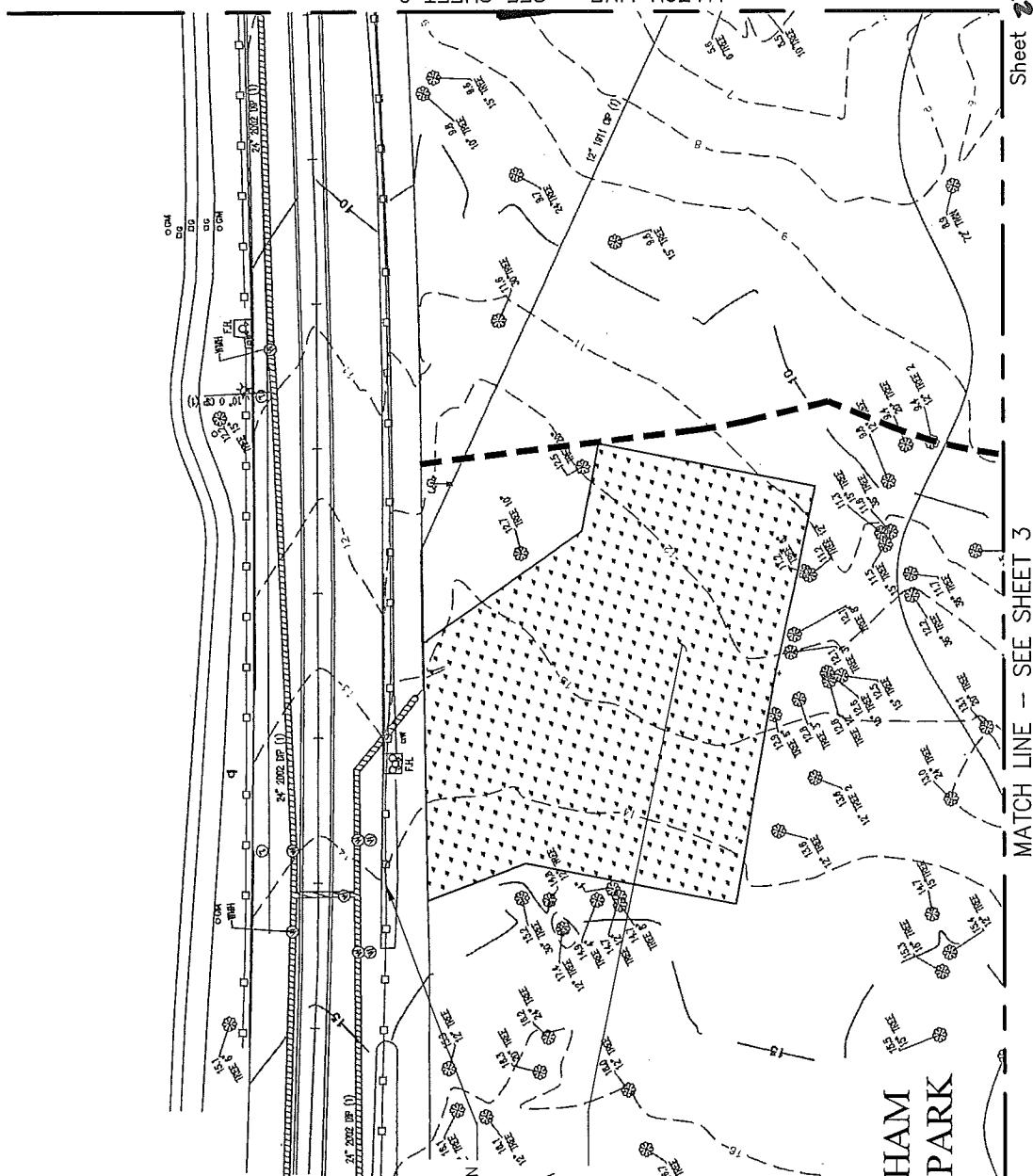
Environmental Engineers & Scientists

SHEET 1 OF 4





MATCH LINE - SEE SHEET 2

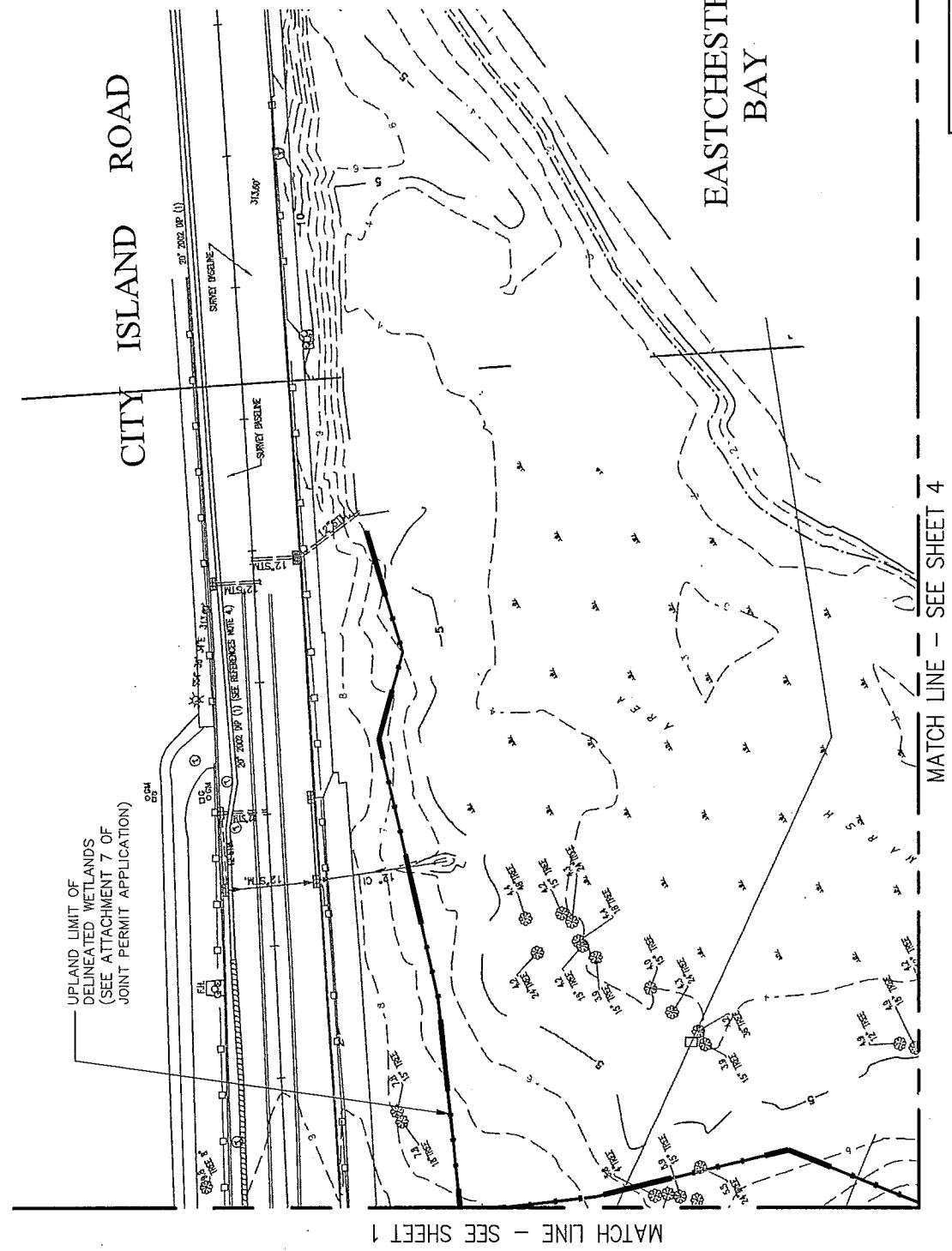


CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

Sheet 22/26

FINAL SITE PLAN  
SHEET 1  
SHEET 1 of 4

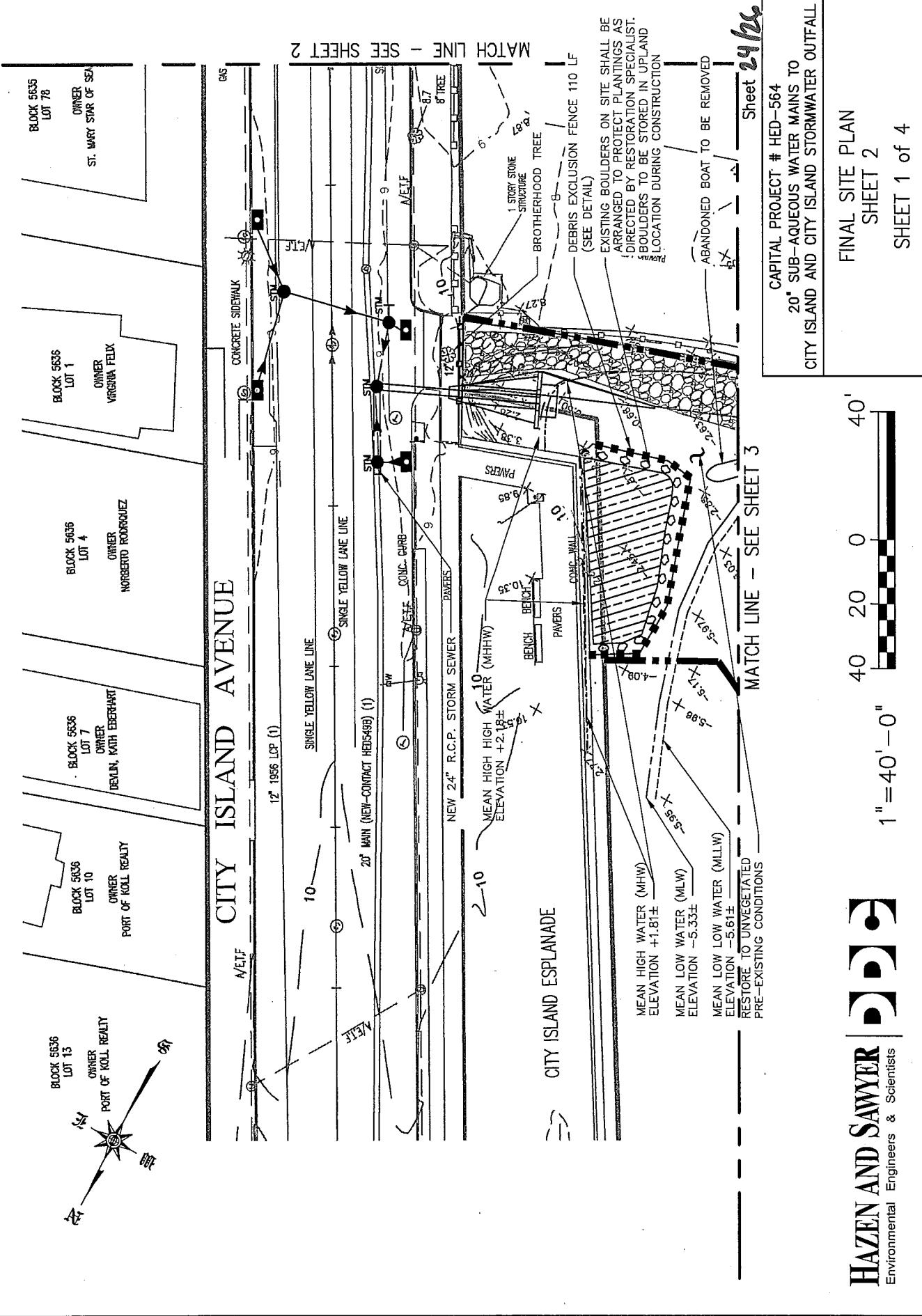
**HAZEN AND SAWYER** | DDC  
Environmental Engineers & Scientists

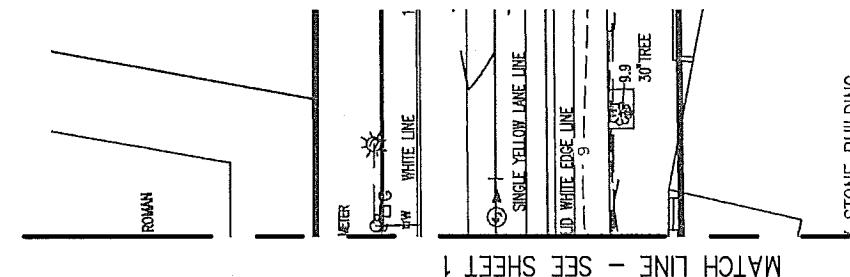


CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

FINAL SITE PLAN  
SHEET 1  
SHEET 2 of 4

**HAZEN AND SAWYER | DDC**  
Environmental Engineers & Scientists





## LEGEND



SPARTINA ALTERNIFLORA (1232 SF)



PROPOSED EASEMENT



EXISTING BOULDERS ON SITE TO BE ARRANGED

## SUGGESTED SEQUENCE OF CONSTRUCTION - CITY ISLAND:

ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CONTRACT DRAWINGS, AND UPON APPROVAL OF THE PROJECT ENGINEER AND THE RESTORATION SPECIALIST. ALL WORK SHALL BE DONE IN A MANNER TO MINIMIZE DISTURBANCE TO THE NATURAL AREA AND EXISTING VEGETATION. STAKE OUT AND RECEIVE APPROVAL FROM THE RESTORATION SPECIALIST FOR THE LIMITS OF WORK BEFORE BEGINNING ANY CLEARING. THE RESTORATION SPECIALIST SHALL IDENTIFY ALL TREES TO RECEIVE TREE GUARDS AND GIVE APPROVAL FOR ALL TREES IDENTIFIED FOR REMOVAL BEFORE REMOVAL OPERATIONS BEGINS.

LANDSCAPING IS NOT INCLUDED IN THE SUGGESTED SEQUENCE OF CONSTRUCTION. THE CONTRACTOR MUST RECEIVE APPROVAL FOR ALL LANDSCAPING WORK FROM THE ENGINEER AND RESTORATION SPECIALIST PRIOR TO CONSTRUCTION.

WORK FOR THE PROPOSED PROJECT OCCURS AT TWO INDIVIDUAL SITES AND SHALL BE PHASED AS APPROVED BY THE ENGINEER. THE FOLLOWING SUGGESTED SEQUENCE APPLIES TO THE CITY ISLAND SITE:

1. INSTALL PERIMETER EROSION CONTROL MEASURES INCLUDING TREE GUARD AND CONSTRUCTION LIMIT FENCING, AROUND THE WORK AREA IF CLEARING IS REQUIRED FOR INSTALLATION OF A PARTICULAR MEASURE, ALL MEASURES NOT REQUIRING CLEARING SHALL BE INSTALLED FIRST. CLEARING OF THE NECESSARY LAND FOR INSTALLATION OF THE PARTICULAR MEASURE MAY THEN PROCEED.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE, THE CONTRACTOR SHALL MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE TO PREVENT THE DEPOSITION OF MATERIALS ONTO THE PUBLIC ROADWAY. ALL MATERIALS DEPOSITED ONTO THE PUBLIC ROADWAY SHALL BE REMOVED IMMEDIATELY.
3. PERFORM SITE CLEARING, GRUBBING, DEBRIS REMOVAL AND REMOVAL OF EXISTING BOATS AND TREES AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN (DWG. C2).
4. INSTALL APPROVED Dewatering MEASURES TO DISCHARGE BELOW THE MEAN LOWER LOW WATER LINE (ELEV. -5.61'). A PORTABLE SEDIMENT TANK, OR APPROVED EQUAL, SHALL BE USED TO TREAT Dewatering EFFLUENT PRIOR TO DISCHARGE. DISCHARGE LOCATION SHALL BE IN A LOCATION THAT WILL NOT CAUSE EROSION AND MUST BE APPROVED BY THE ENGINEER. THE ENGINEER MAY DIRECT THE CONTRACTOR TO INSTALL AN APPROVED EROSION CONTROL MEASURE SUCH AS A RIP RAP APRON FOR Dewatering EFFLUENT IF NECESSARY TO PREVENT EROSION. INSTALLATION OF SUCH A MEASURE WILL BE AT NO ADDITIONAL COST AND INCLUDED IN THE PRICE BID FOR ALL WORK.

Sheet 25|26

CAPITAL PROJECT # HED-564  
20" SUB-AQUEOUS WATER MAINS TO  
CITY ISLAND AND CITY ISLAND STORMWATER OUTFALL

FINAL SITE PLAN  
SHEET 2  
SHEET 2 of 4

**HAZEN AND SAWYER | D2D2**  
Environmental Engineers & Scientists

