



# 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 File Number: **NAN-2008-00927-EJE**  
Public Notice Issuance Date: **August 15, 2008**  
Comment Period Expiration Date: **5 PM September 29, 2008**

## REQUEST FOR PUBLIC COMMENT AND ANNOUNCEMENT OF A PUBLIC HEARING

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 Sanitation  
44 Beaver Street  
New York, N.Y. 10004

ACTIVITY: Construct A Replacement East 91<sup>st</sup> Street Marine Transfer Station Pier Platform with Maintenance Dredging and Upland Placement of the Dredged Materials

WATERWAY: East River

LOCATION: Terminus of East 91<sup>st</sup> Street, Borough of Manhattan, New York County, New York.

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

The U.S. Army Corps of Engineers, New York District will conduct a **PUBLIC HEARING** to gather information to assist in its review of this permit application. The details of the hearing are as follows:

DATE: Tuesday, September 16<sup>th</sup>, 2008

TIME: Afternoon Session: 1:00 PM to 4:30 PM\*  
(dinner break)  
Evening Session: 6:00 PM to 10:00 PM\*

\*The public hearing sessions may end before the closing times noted above if all parties wishing to speak have done so prior to the closing times.

LOCATION: New York Blood Center  
310 East 67<sup>th</sup> Street  
New York, NY 10065

DIRECTIONS: See enclosure for map and written directions

PLEASE INCLUDE THE 18-CHARACTER FILE NUMBER ON ALL SUBMITTALS

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The United States Army Corps of Engineers neither favors nor opposes the proposed construction work. The purpose of this public notice and the public hearing is to afford the Corps of Engineers the opportunity to efficiently hear from the general public on the application which is before it in order to acquire information which will be considered in evaluating whether to issue or deny the requested permit. 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 the 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 determination, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed below. Comments are used in the preparation of an environmental assessment pursuant to the National Environmental Policy Act (42 U.S.C. 4321 et seq.).

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 benefits 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, historical properties, fish and wildlife values, 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, consideration of property ownership and, in general the needs and welfare of the people.

The public hearing is open to everyone. All interested individuals, groups, and agencies are invited to be present or be represented at the hearing. Everyone will be given an opportunity to express his or her views and to furnish specific data on aspects of the proposed activity. At the public hearing, any person may appear on his or her own behalf, or may be represented by counsel, or by other representatives.

Should commenters choose to write, all comment letters received in regard to this public notice will be made part of the permit application record, and will also be considered in the permit decision-making process. INFORMATION SUBMITTED BY MAIL IS CONSIDERED JUST AS CAREFULLY IN THE PERMIT DECISION-MAKING PROCESS AND BEARS THE SAME WEIGHT AS THAT FURNISHED AT THE PUBLIC HEARING. ALL WRITTEN COMMENTS REGARDING THIS PUBLIC NOTICE MUST BE MAILED TO REACH THE CORPS OF ENGINEERS NEW YORK CITY OFFICE BEFORE THE EXPIRATION DATE OF THIS COMMENT PERIOD OF 5 PM MONDAY 29 SEPTEMBER 2008, otherwise, it will be presumed that there are no objections to the activity. Comments may also be submitted electronically; comments sent via electronic mail should include the senders name and address and be sent to: Stacey.M.Jensen@usace.army.mil prior to the same time

The public hearing will be conducted in accordance with the procedures outlined in Title 33 of the Code of Federal Regulations, Part 327. Any person will be permitted to submit oral or written statements concerning the subject matter of the hearing; to call witnesses who may present oral statements; or to present recommendations as to an appropriate decision. Any person may present written statements or other additional information, and may present proposed findings and recommendations prior to the time the total comment period closes (5:00pm EST on Monday, September 29, 2008).

All speakers, including the permit applicant, will be requested to limit their oral presentations to **5 minutes**. Lengthier written presentations may be submitted but the speaker will be requested to summarize the presentation in the allotted 5 minutes. Cross-examination of speakers will not be permitted; however, subject to time constraints, the presiding hearing officer shall afford participants a reasonable opportunity for rebuttal after all others have had the 5-minute opportunity to speak.

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To ensure order during the hearing, the following speaker sequence will be followed:

1. Permit applicant's description of the proposed work;
2. Federal elected officials or their representatives;
3. Federal agencies' representatives and appointed federal officials;
4. State elected officials or their representatives;
5. State agencies' representatives and appointed state officials;
6. County elected officials;
7. County agencies' representatives and appointed county officials;
8. Local governments' officials;
9. Native American Tribal representatives;
10. Organized environmental groups' representatives;
11. Organized citizens groups' representatives; and
12. Private Citizens.

Speakers in the respective groups not having an opportunity to present their statements during the afternoon session will be permitted to present their statements in sequential order during the evening session.

The public hearing will be reported verbatim. Copies of the hearing transcript will be available for public inspection at the Corps of Engineers New York District office after the close of the comment period, and may be purchased from the Corps of Engineers by any person or group. The cost of a copy will correspond directly to the number of pages in the transcript. All attendees of the public hearing will be contacted by mail after the close of the comment period as to the exact addresses where the transcript can be inspected and/or purchased.

All written statements, charts, tabulations, and similar data offered in evidence at the hearings shall, subject to exclusion for reasons of redundancy, be received in evidence and will constitute a part of the hearing file which will become part of the administrative record for this permit action. For filing purposes it is requested that the material not exceed 8 1/2" x 14", if possible.

**The hearing record and comment period will remain open until 5:00 PM EST on Monday September 29, 2008, for the receipt of written comments. All comments should be sent to the following address in order to be received prior to the close of the hearing record and comment period :**

**New York District Corps of Engineers  
Regulatory Branch  
26 Federal Plaza, Room 1937  
New York, New York 10278-0090**

The Corps of Engineers preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the Corps of Engineers is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area.

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 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). A complete description of the proposed activity is given in the enclosed work description. The Corps of Engineers has made the preliminary determination that the site-specific adverse effects are not likely to be substantial. Further consultation with NOAA-FS regarding EFH impacts and conservation recommendations is being conducted and will be concluded prior to the final decision.

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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 occurs. 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, 41 State Street, 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 the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation Tidal Wetlands Permit
- New York State Department of Environmental Conservation Solid Waste Management Permit
- New York State Department of Environmental Conservation Facility Air Pollution Control Permit

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) 790-8420 and ask for Ms. Stacey M. Jensen.

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




*File* Richard L. Tomer  
Chief, Regulatory Branch

PLEASE INCLUDE THE 18-CHARACTER FILE NUMBER ON ALL SUBMITTALS



Address **310 E 67th St**  
**New York, NY 10065**

Get Google Maps on your phone  
Text the word "GMAPS" to 466453




**PUBLIC HEARING LOCATION**  
**310 EAST 67 STREET**

**Directions to Public Hearing Location at 310 E. 67<sup>th</sup> Street, New York, NY 10065  
New York Blood Center Auditorium**

**BY CAR:**

From the North:

Take FDR Drive South  
Take Exit 12 for E. 63<sup>rd</sup> Street toward Queensboro Bridge/RT-25  
Merge onto E. 63<sup>rd</sup> Street  
Turn Right at York Avenue  
Turn Left at E. 67<sup>th</sup> Street  
End at 310 E. 67<sup>th</sup> Street

From the South:

Take FDR Drive North  
Take Exit 12 for E. 61<sup>st</sup> Street toward Queensboro Bridge/RT-25  
Turn Left at E. 61<sup>st</sup> Street  
Turn Right at York Avenue  
Turn Left at E. 67<sup>th</sup> Street  
End at 310 E. 67<sup>th</sup> Street

**BY SUBWAY:**

Take the 6 train to 68<sup>th</sup> Street-Hunter College  
Walk East to 2<sup>nd</sup> Avenue  
Turn Right/South on 2<sup>nd</sup> Avenue one block to E. 67<sup>th</sup> Street  
Turn Left/East on E. 67<sup>th</sup> Street  
End at 310 E. 67<sup>th</sup> Street

OR

Take the F train to Lexington Avenue-63<sup>rd</sup> Street  
Walk East to 2<sup>nd</sup> Avenue  
Turn Left/North on 2<sup>nd</sup> Avenue four blocks to E. 67<sup>th</sup> Street  
Turn Right/East on E. 67<sup>th</sup> Street  
End at 310 E. 67<sup>th</sup> Street

### WORK DESCRIPTION

The permit applicant, the New York City Department of Sanitation, has submitted a permit application for a Department of the Army permit to perform regulated construction work in order to replace and upgrade the existing East 91<sup>st</sup> Street Converted Marine Transfer Station (MTS) pier platform and berths at their existing waterfront terminal in the East River at New York City, Borough of Manhattan, New York County, New York. The adjacent deep-draft waterway is the East River federal navigation channel.

The existing pile-supported 35,203 square foot East 91<sup>st</sup> Street Marine Transfer Station over-water processing building, pier and ramp structures would be removed and replaced with a new 77,815 square foot pile-supported reconfigured pier platform and associated facilities. The replacement platform will support a new three-level enclosed processing building where collection trucks will transfer their contents to containers which will then be sealed inside the building. After being sealed, the containers will be moved outside of the building for direct loading onto waiting barges. An approximately 215-foot timber fendering system will be constructed to guide the barges into the loading berths to receive the sealed containers. Also, an outside gantry crane system and an elevated access ramp to the tipping and loading levels would be constructed. The over-water foundation for the ramp would be constructed of six (6) concrete abutments each containing six (6), 36-inch diameter steel pipe piles and one (1) abutment containing eight (8) 36-inch diameter steel pipe piles. Each abutment would be approximately 40 feet long and 20 feet wide. In addition, as part of the proposed Marine Transfer Station a 65-foot by 50-foot pier supported by approximately fifteen (15) 36-inch diameter steel pipe piles would be constructed immediately south to support a new Consolidated Edison transformer building. Approximately 175 feet of fendering system would be constructed along the northern and southern borders of the replacement pier deck.

To assure safe water depths at the facility, the permit applicant is requesting permission to perform maintenance dredging with upland placement of all the dredged material. Approximately 828 cubic yards affecting approximately 5,660 square feet would be removed from the berths and access channel to a maximum depth of 22.5 feet below the plane of Mean Low Water, including an additional two feet of allowable overdepth dredging to ensure the required safe navigation depths are achieved, using a standard environmental clamshell mechanical bucket dredge to minimize loss of the dredged material as it is placed in water-tight hopper barges.

The purpose of the requested maintenance dredging is to restore previously authorized depths in the berths so the barges can continue to safely maneuver and moor in the berths.

Development of the converted facility would result in a total effect of 77,815 square feet upon littoral and non-littoral zone areas, with a net effect of 42,612 square feet due to the removal of the existing Marine Transfer Station structure. Dredging activities would also result in a total effect of 5,660 square feet. The permit applicant has proposed to mitigate for all aquatic impacts.

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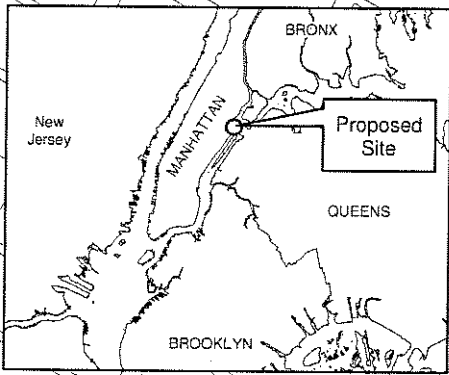
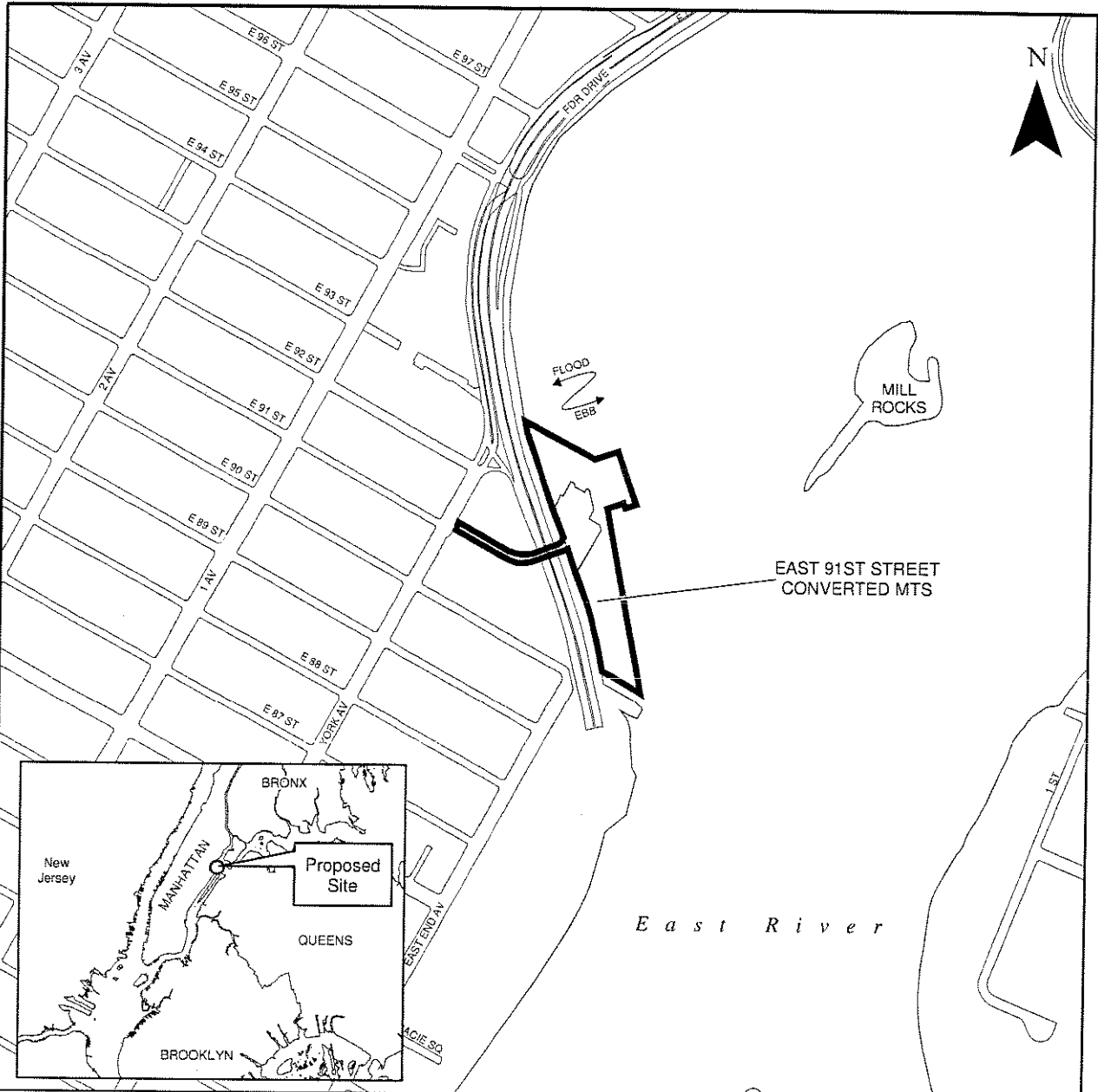
Issue Date: August 15, 2008  
Expiration Date: September 29, 2008

The permit applicant's has stated the purpose for this regulated construction work is to replace the existing East 91<sup>st</sup> Street Marine Transfer Station with a modern facility explicitly designed to facilitate the transfer in a totally enclosed indoor space of solid waste from sanitation collection vehicles into sealed, leak-proof containers that would be placed on barges for water transport directly to a sanitary waste disposal site or to an intermodal railroad facility where the containers would be placed on to railcars for transport to a sanitary waste disposal site. The permit applicant reports the East 91<sup>st</sup> Street Converted Marine Transfer Station would have the capacity to serve as the transfer point for an average of 4,290 tons per day (tpd) of collected waste from four Manhattan Community Board Districts, as well as a portion of Manhattan's commercial waste. They report the daily average throughput is expected to be 1,500 tpd, or approximately 151 trucks per day, with a maximum peak day of 1,873 tpd, or approximately 201 trucks per day.

Permit application drawings follow.

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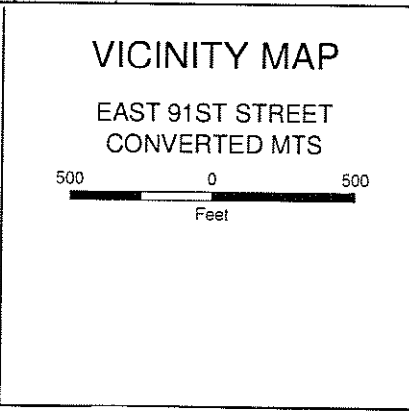
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**PURPOSE:** TO CONSTRUCT A  
CONTAINERIZED SOLID WASTE  
MARINE TRANSFER STATION  
WITHIN THE EAST RIVER

**ADJACENT PROPERTY OWNERS:**

1. NEW YORK CITY  
DEPARTMENT OF BUSINESS SERVICES
2. NEW YORK CITY DEPARTMENT OF  
PARKS AND RECREATION
3. NEW YORK CITY DEPARTMENT OF  
TRANSPORTATION
4. NEW YORK STATE DEPARTMENT OF  
TRANSPORTATION



**CONSTRUCTION OF THE  
EAST 91ST STREET CONVERTED MTS**

**IN:** EAST RIVER

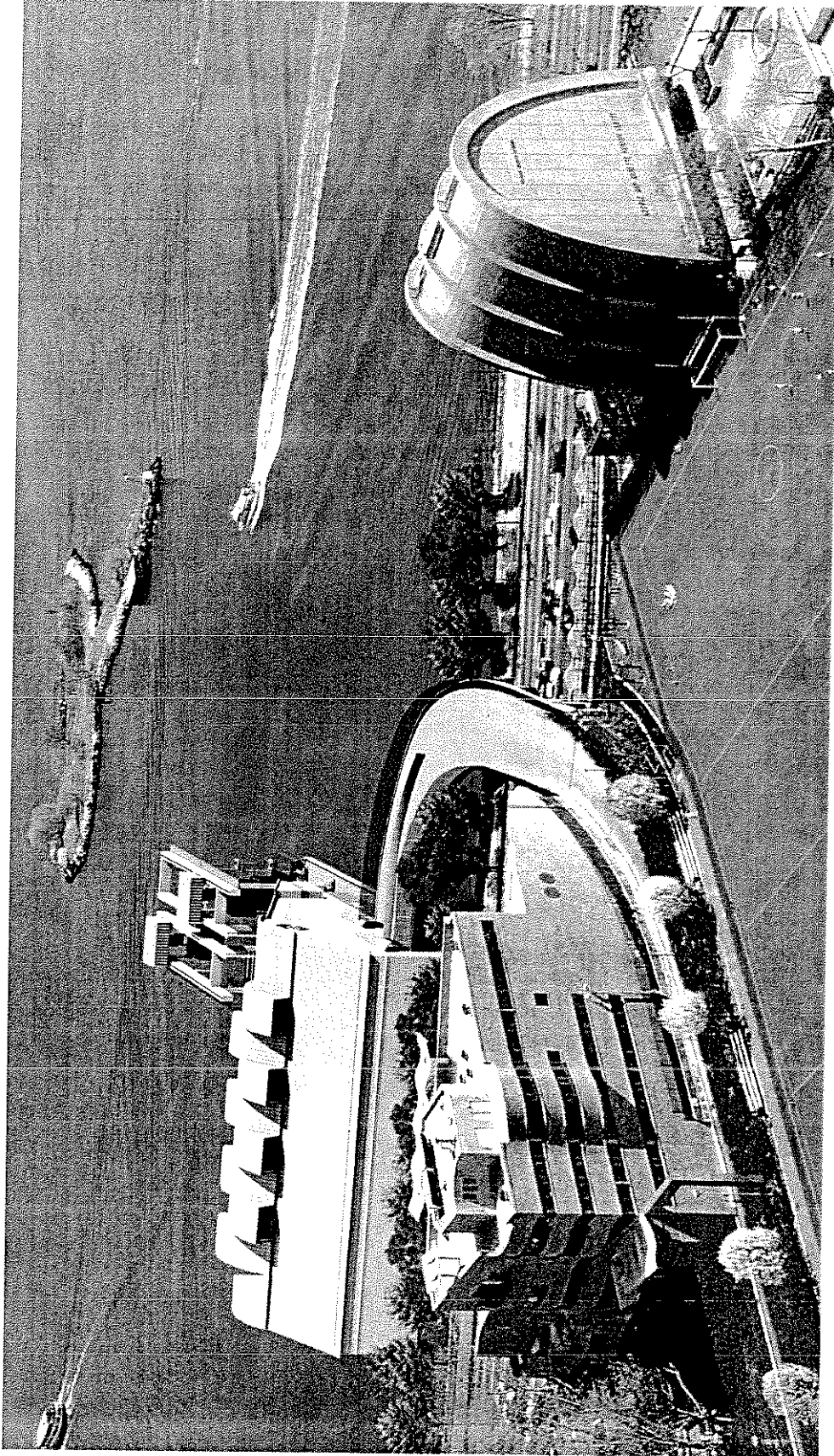
**AT:** MANHATTAN

**COUNTY OF:** NEW YORK

**STATE OF:** NEW YORK

**APPLICATION BY:** CITY OF NEW YORK  
DEPARTMENT OF SANITATION

**SHEET 1 OF 12      DATE:** 7/2008



PURPOSE: TO CONSTRUCT A CONTAINERIZE WASTE MARINE  
TRANSFER STATION WITHIN THE EAST RIVER

ADJACENT PROPERTY OWNERS:

1. NEW YORK CITY DEPARTMENT OF BUSINESS SERVICES
2. NEW YORK CITY DEPARTMENT OF PARKS AND RECREATION
3. NEW YORK CITY DEPARTMENT OF TRANSPORTATION
4. NEW YORK STATE DEPARTMENT OF TRANSPORTATION

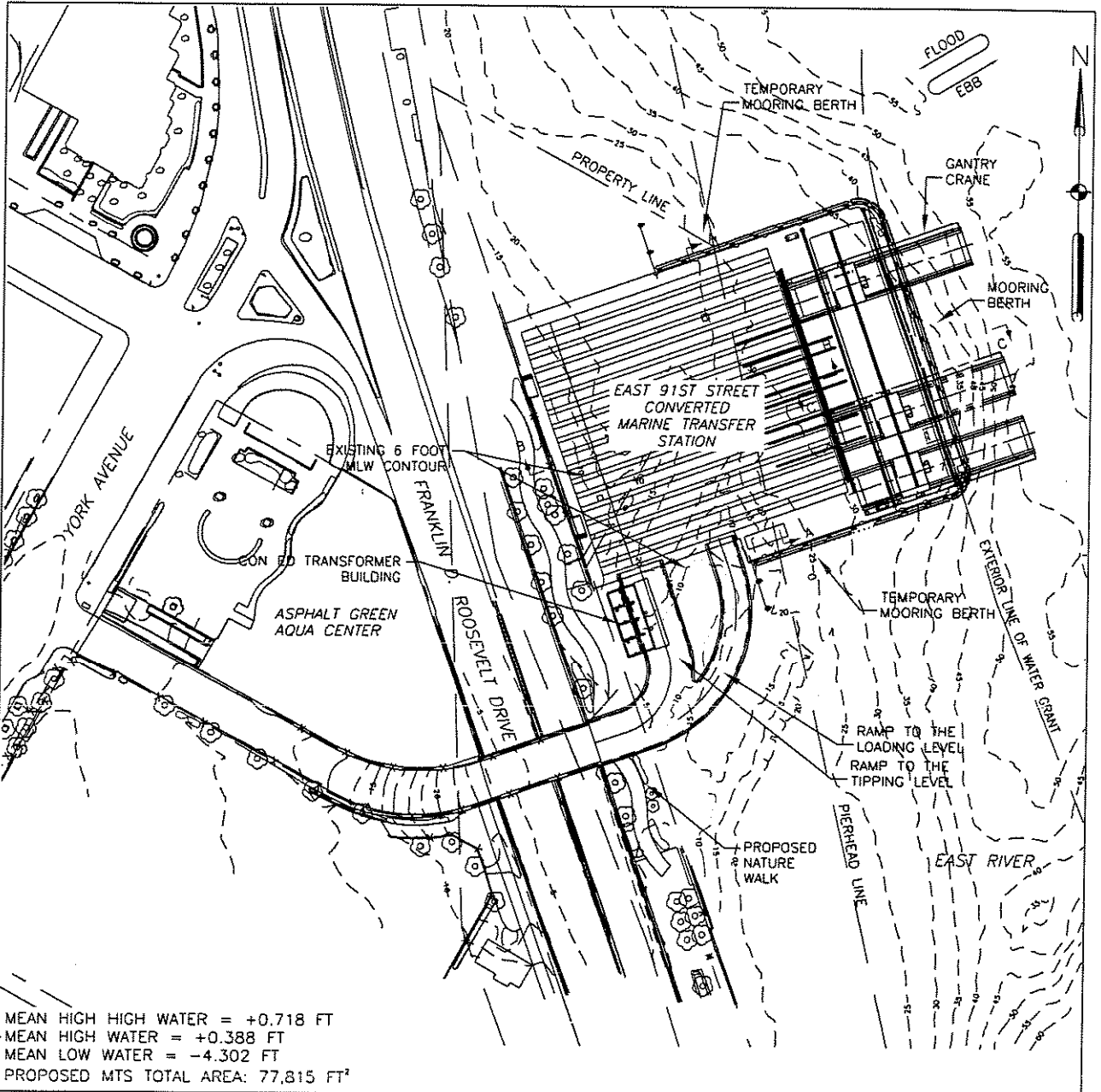
## AERIAL RENDERING

EAST 91st STREET  
CONVERTED MTS

CONSTRUCTION OF THE EAST 91st STREET CONVERTED MTS

IN: EAST RIVER  
AT: MANHATTAN  
COUNTY OF: NEW YORK  
STATE OF: NEW YORK  
APPLICATION BY: CITY OF NEW YORK  
DEPARTMENT OF SANITATION

SHEET 2 OF 12 DATE: 7/2008



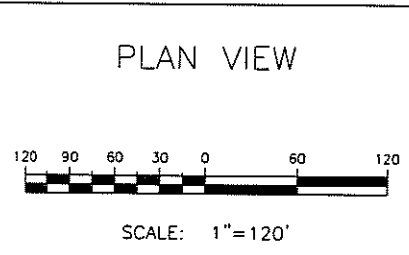
MEAN HIGH HIGH WATER = +0.718 FT  
 MEAN HIGH WATER = +0.388 FT  
 MEAN LOW WATER = -4.302 FT  
 PROPOSED MTS TOTAL AREA: 77,815 FT<sup>2</sup>

PURPOSE: TO CONSTRUCT A  
 CONTAINERIZED SOLID WASTE  
 MARINE TRANSFER STATION  
 WITHIN THE EAST RIVER

DATUM: MANHATTAN BOROUGH DATUM

ADJACENT PROPERTY OWNERS:

1. NEW YORK CITY  
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3. NEW YORK CITY DEPARTMENT OF  
 TRANSPORTATION
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 TRANSPORTATION

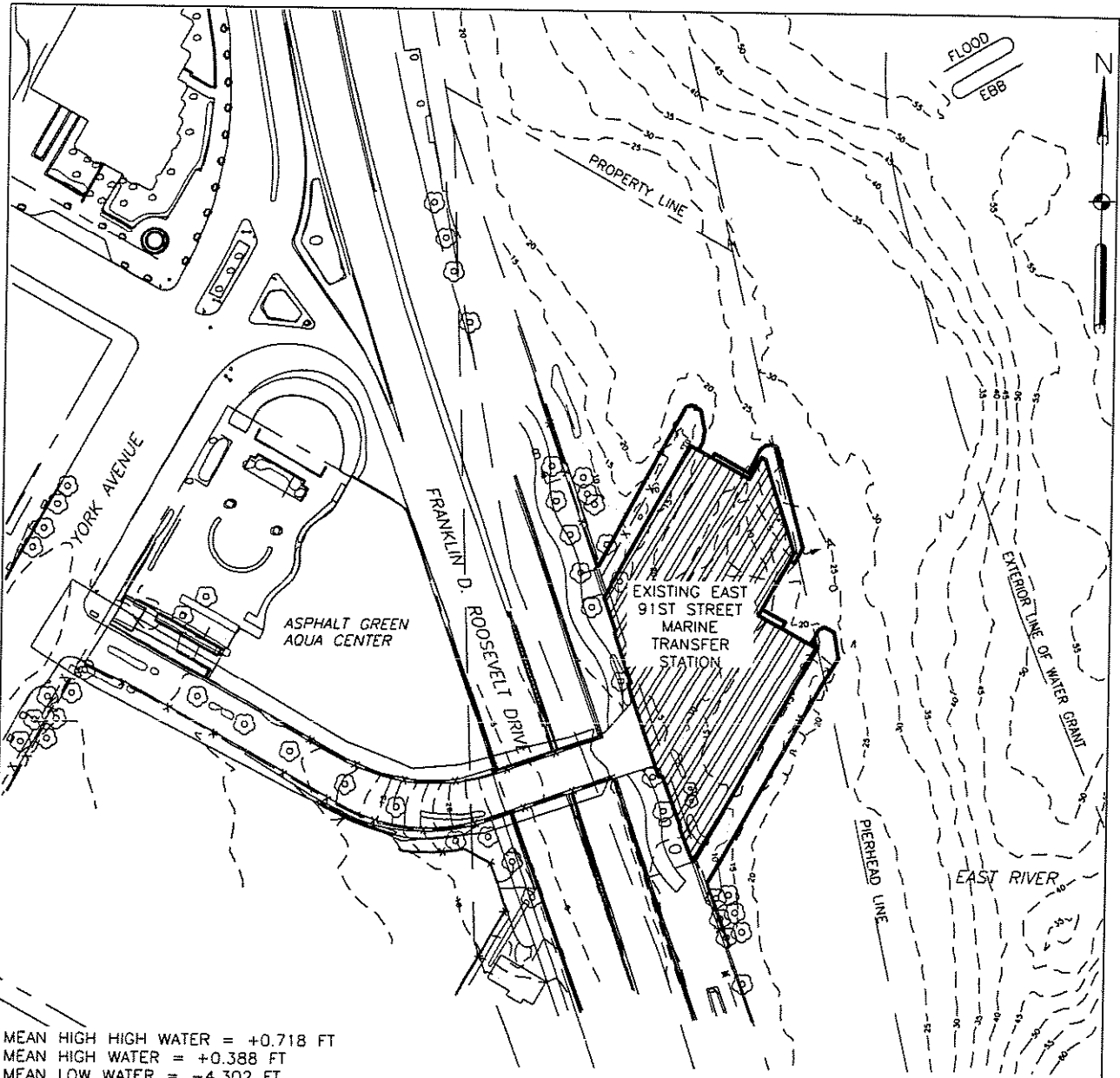


CONSTRUCTION OF THE  
 EAST 91ST STREET CONVERTED MTS

IN: EAST RIVER  
 AT: MANHATTAN  
 COUNTY OF: NEW YORK  
 STATE OF: NEW YORK

APPLICATION BY: CITY OF NEW  
 YORK DEPARTMENT OF SANITATION

SHEET 3 OF 12 DATE: 7/2008



MEAN HIGH HIGH WATER = +0.718 FT  
 MEAN HIGH WATER = +0.388 FT  
 MEAN LOW WATER = -4.302 FT  
 EXISTING MTS TOTAL AREA: 35,203 FT<sup>2</sup>

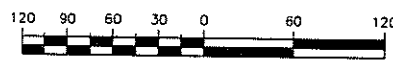
PURPOSE: TO CONSTRUCT A  
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 MARINE TRANSFER STATION  
 WITHIN THE EAST RIVER

DATUM: MANHATTAN BOROUGH DATUM

ADJACENT PROPERTY OWNERS:

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PLAN VIEW



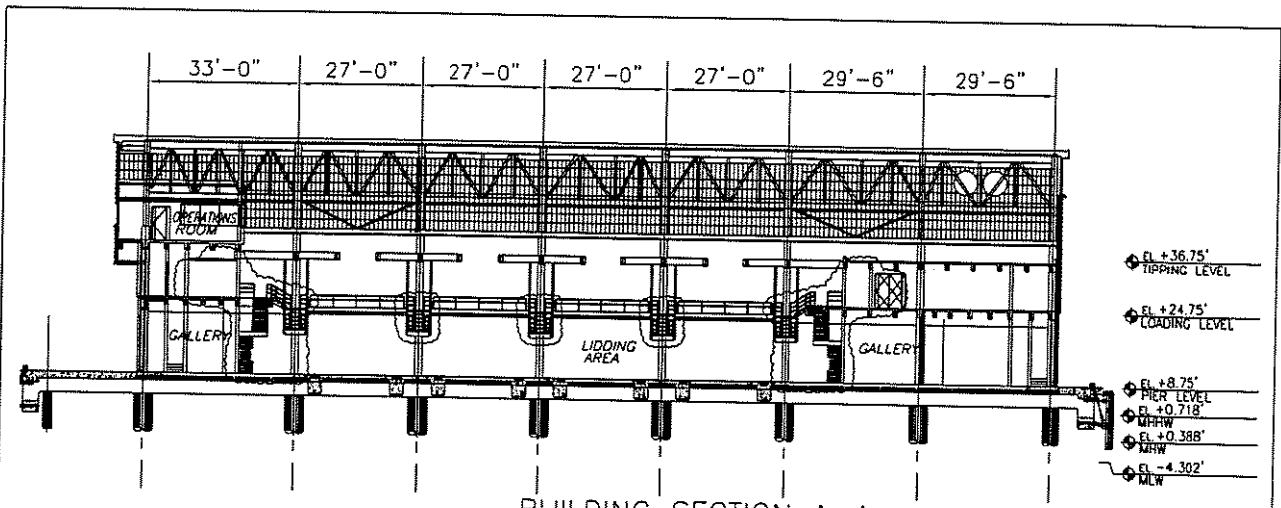
SCALE: 1"=120'

CONSTRUCTION OF THE  
 EAST 91ST STREET CONVERTED MTS

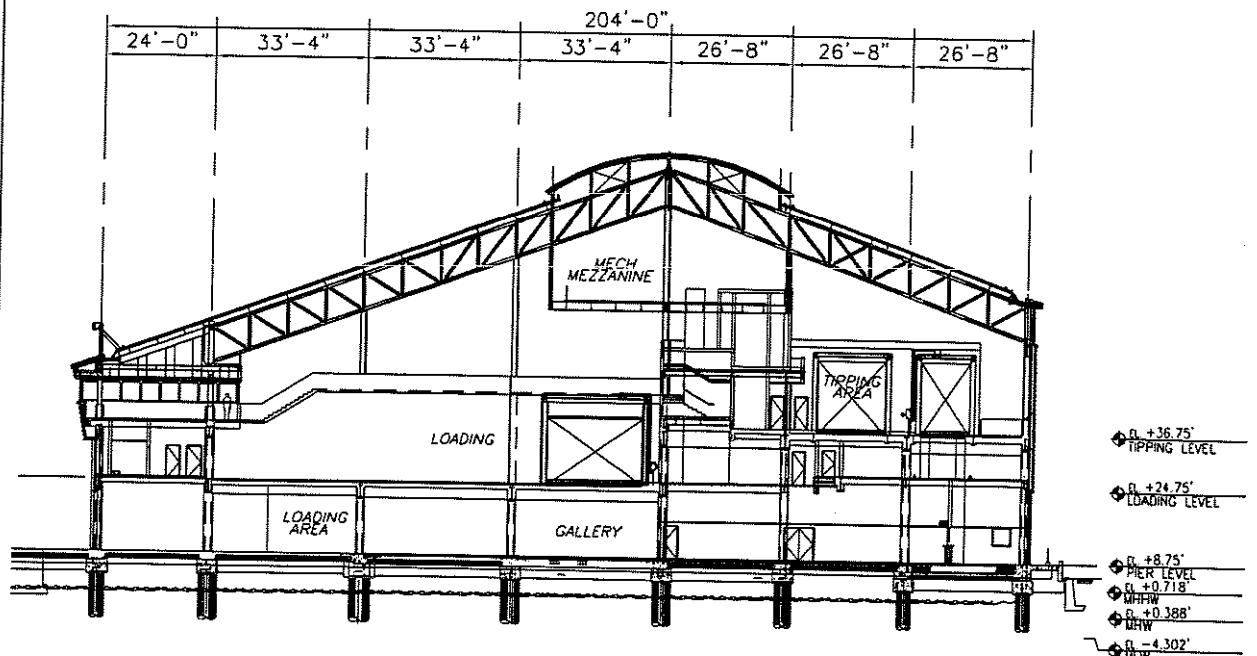
IN: EAST RIVER  
 AT: MANHATTAN  
 COUNTY OF: NEW YORK  
 STATE OF: NEW YORK

APPLICATION BY: CITY OF NEW  
 YORK DEPARTMENT OF SANITATION

SHEET 4 OF 12 DATE: 7/2008



BUILDING SECTION A-A  
SCALE: 1"=40'



BUILDING SECTION B-B  
SCALE: 1"=40'

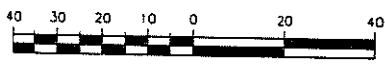
PURPOSE: TO CONSTRUCT A CONTAINERIZED SOLID WASTE MARINE TRANSFER STATION WITHIN THE EAST RIVER

DATUM: MANHATTAN BOROUGH DATUM

ADJACENT PROPERTY OWNERS:

1. NEW YORK CITY DEPARTMENT OF BUSINESS SERVICES
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4. NEW YORK STATE DEPARTMENT OF TRANSPORTATION

BUILDING SECTIONS



SCALE: 1"=40'

CONSTRUCTION OF THE EAST 91ST STREET CONVERTED MTS

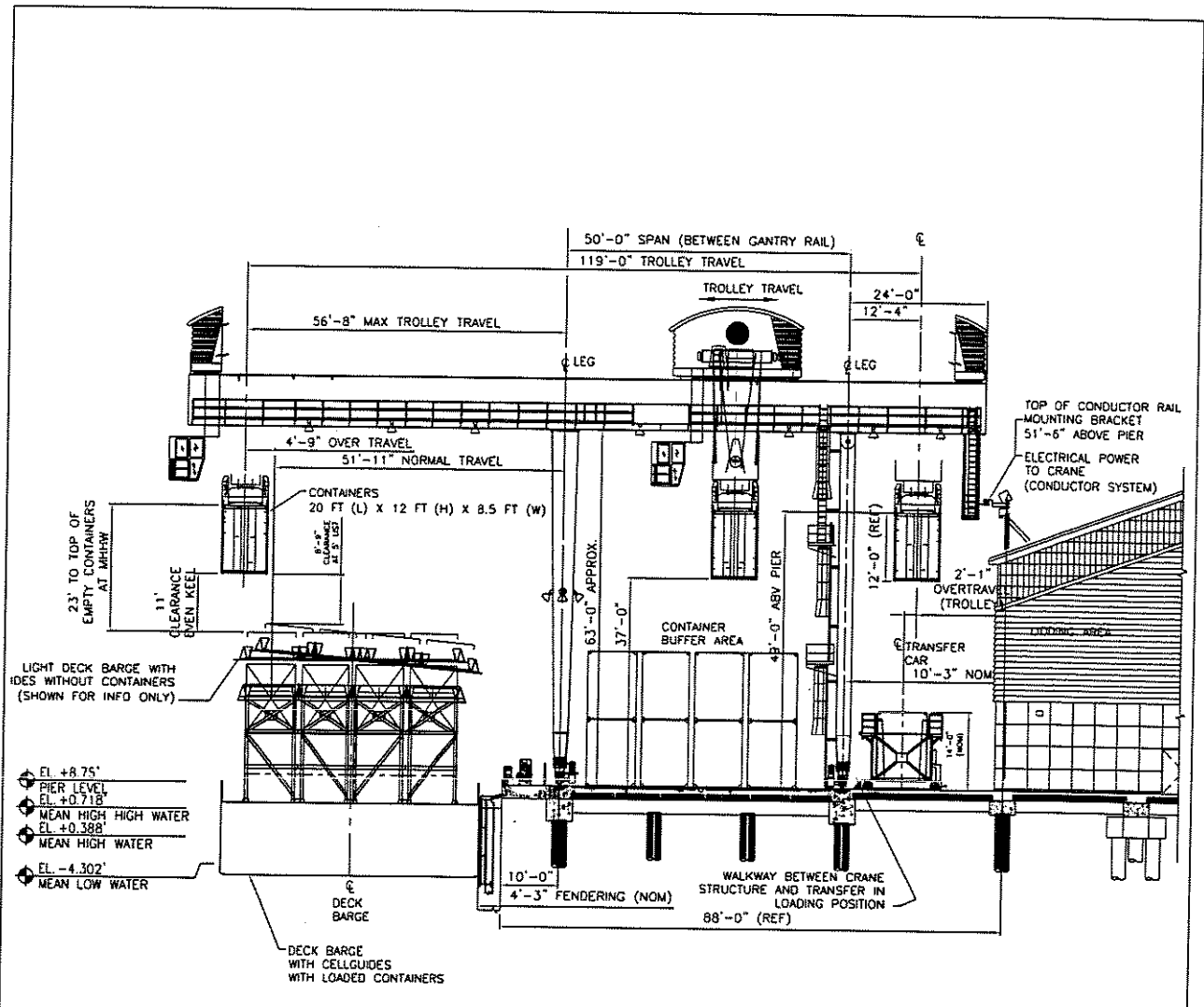
IN: EAST RIVER

AT: MANHATTAN

COUNTY OF: NEW YORK

STATE OF: NEW YORK

APPLICATION BY: CITY OF NEW YORK DEPARTMENT OF SANITATION



BUILDING SECTION C-C  
SCALE: 1"=30'

PURPOSE: TO CONSTRUCT A  
CONTAINERIZED SOLID WASTE  
MARINE TRANSFER STATION  
WITHIN THE EAST RIVER

DATUM: MANHATTAN BOROUGH DATUM

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BUILDING  
SECTION

CONSTRUCTION OF THE  
EAST 91ST STREET CONVERTED MTS

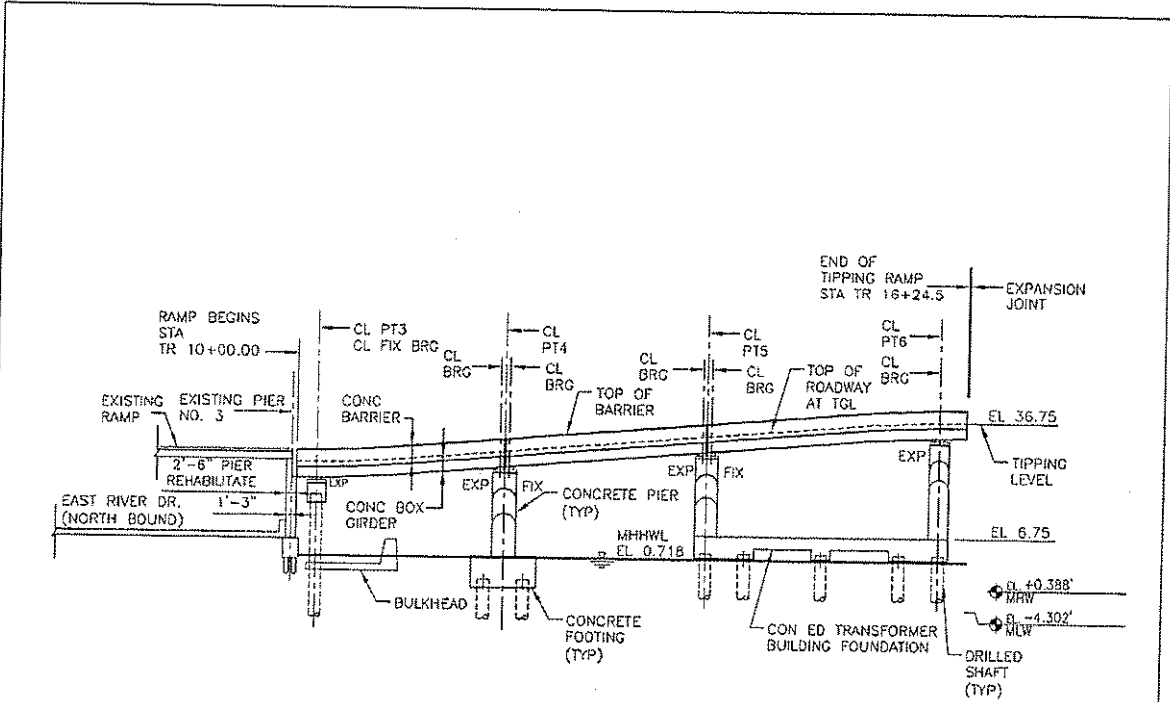
IN: EAST RIVER

AT: MANHATTAN

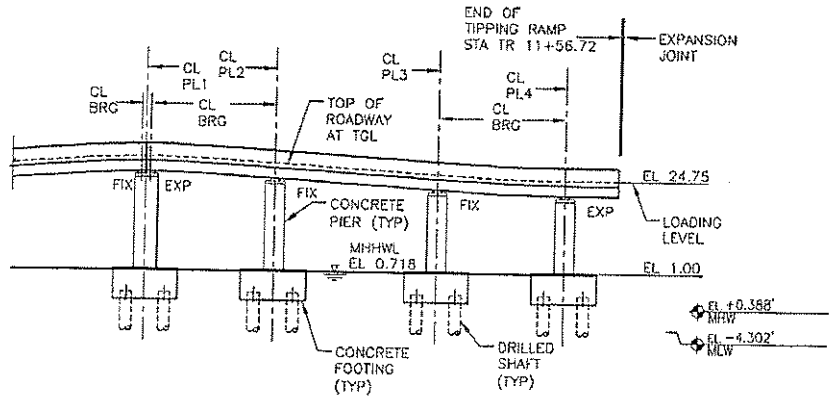
COUNTY OF: NEW YORK

STATE OF: NEW YORK

APPLICATION BY: CITY OF NEW  
YORK DEPARTMENT OF SANITATION



**TIPPING RAMP ELEVATION**  
SCALE: 1"=30'



**LOADING RAMP ELEVATION**  
SCALE: 1"=30'

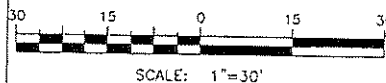
**PURPOSE:** TO CONSTRUCT A CONTAINERIZED SOLID WASTE MARINE TRANSFER STATION WITHIN THE EAST RIVER

**DATUM:** MANHATTAN BOROUGH DATUM

**ADJACENT PROPERTY OWNERS:**

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**RAMP ELEVATIONS**

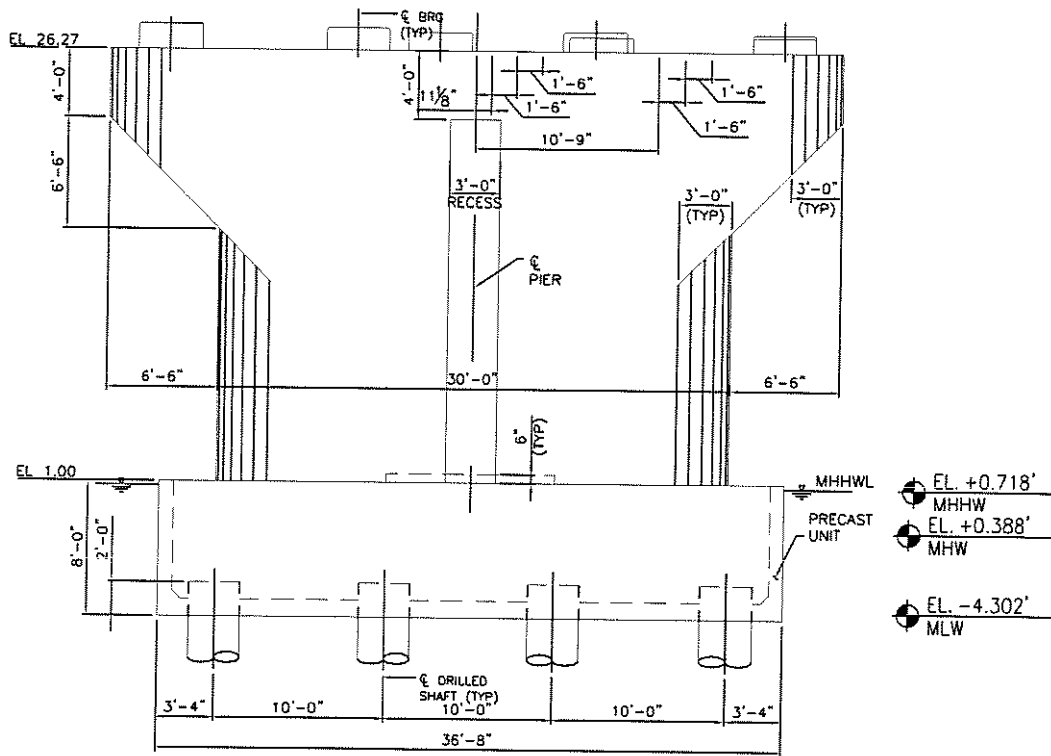


**CONSTRUCTION OF THE EAST 91ST STREET CONVERTED MTS**

IN: EAST RIVER  
 AT: MANHATTAN  
 COUNTY OF: NEW YORK  
 STATE OF: NEW YORK

APPLICATION BY: HYDROQUAL, INC.  
 ON BEHALF OF THE NEW YORK CITY DEPARTMENT OF SANITATION

SHEET 7 OF 12 DATE: 7/2008



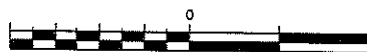
PURPOSE: TO CONSTRUCT A  
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MARINE TRANSFER STATION  
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DATUM: MANHATTAN BOROUGH DATUM

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TRANSPORTATION

### TIPPING RAMP CROSS-SECTION



SCALE: 3/32" = 1'-0"

CONSTRUCTION OF THE  
EAST 91ST STREET CONVERTED MTS

IN: EAST RIVER

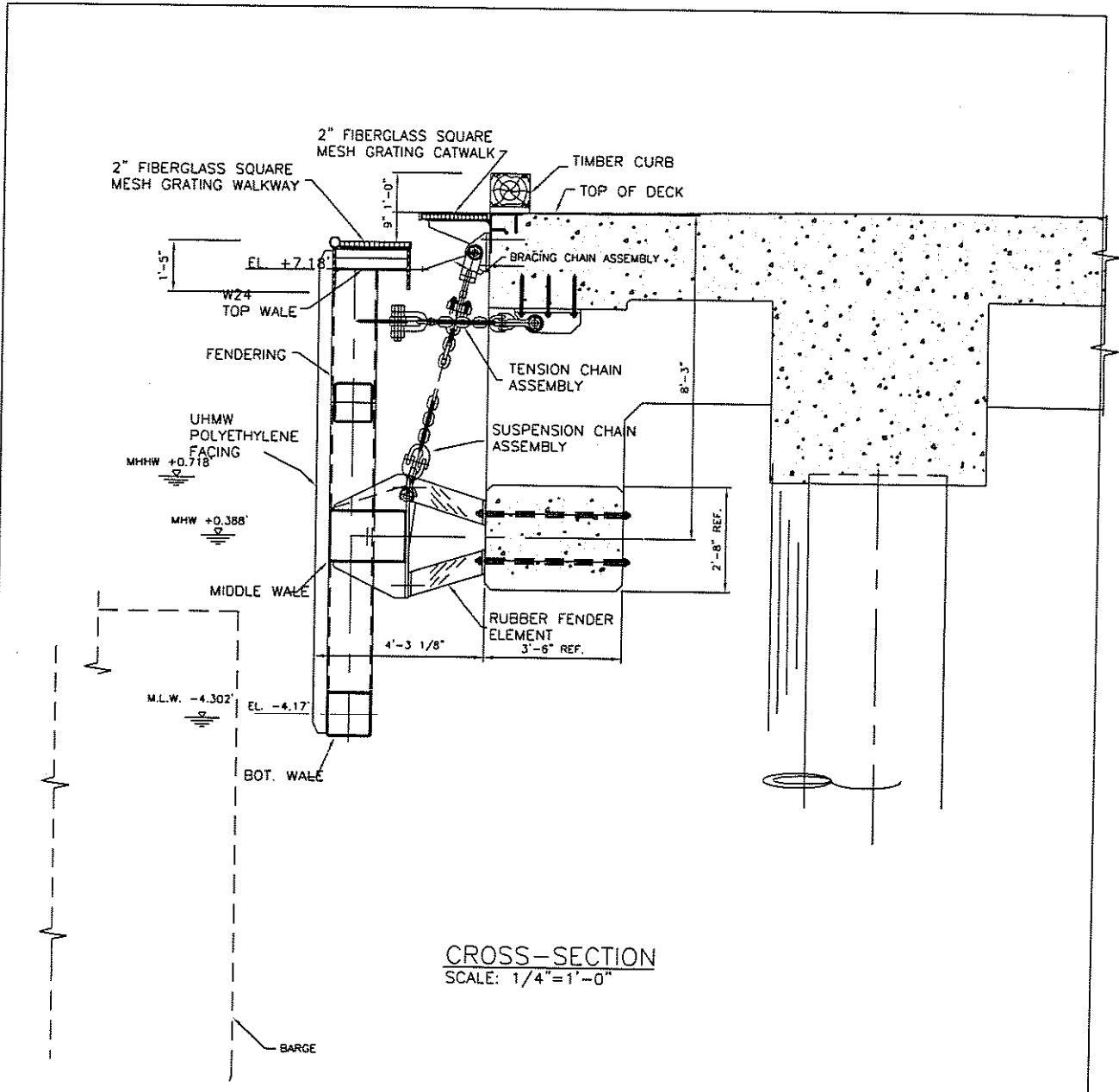
AT: MANHATTAN

COUNTY OF: NEW YORK

STATE OF: NEW YORK

APPLICATION BY: CITY OF NEW  
YORK DEPARTMENT OF SANITATION

SHEET 8 OF 12 DATE: 7/2008



**CROSS-SECTION**  
SCALE: 1/4"=1'-0"

**PURPOSE:** TO CONSTRUCT A CONTAINERIZED SOLID WASTE MARINE TRANSFER STATION WITHIN THE EAST RIVER

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**TYPICAL FENDERING SECTION**

**CONSTRUCTION OF THE EAST 91ST STREET CONVERTED MTS**

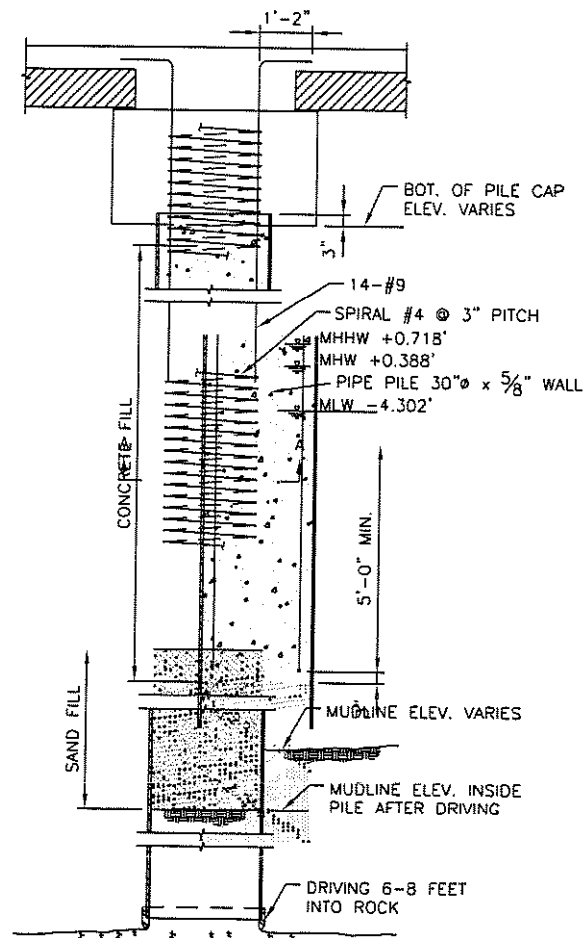
**IN:** EAST RIVER

**AT:** MANHATTAN

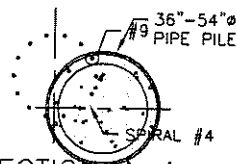
**COUNTY OF:** NEW YORK

**STATE OF:** NEW YORK

**APPLICATION BY:** CITY OF NEW YORK DEPARTMENT OF SANITATION



PILE-DETAIL  
SCALE: 3/8"=1'-0"



SECTION A-A  
SCALE: 3/8"=1'-0"

PURPOSE: TO CONSTRUCT A  
CONTAINERIZED SOLID WASTE  
MARINE TRANSFER STATION  
WITHIN THE EAST RIVER

DATUM: MANHATTAN BOROUGH DATUM

ADJACENT PROPERTY OWNERS:

1. NEW YORK CITY  
DEPARTMENT OF BUSINESS SERVICES
2. NEW YORK CITY DEPARTMENT OF  
PARKS AND RECREATION
3. NEW YORK CITY DEPARTMENT OF  
TRANSPORTATION
4. NEW YORK STATE DEPARTMENT OF  
TRANSPORTATION

### TYPICAL PILE DETAIL

SCALE AS SHOWN

CONSTRUCTION OF THE  
EAST 91ST STREET CONVERTED MTS

IN: EAST RIVER

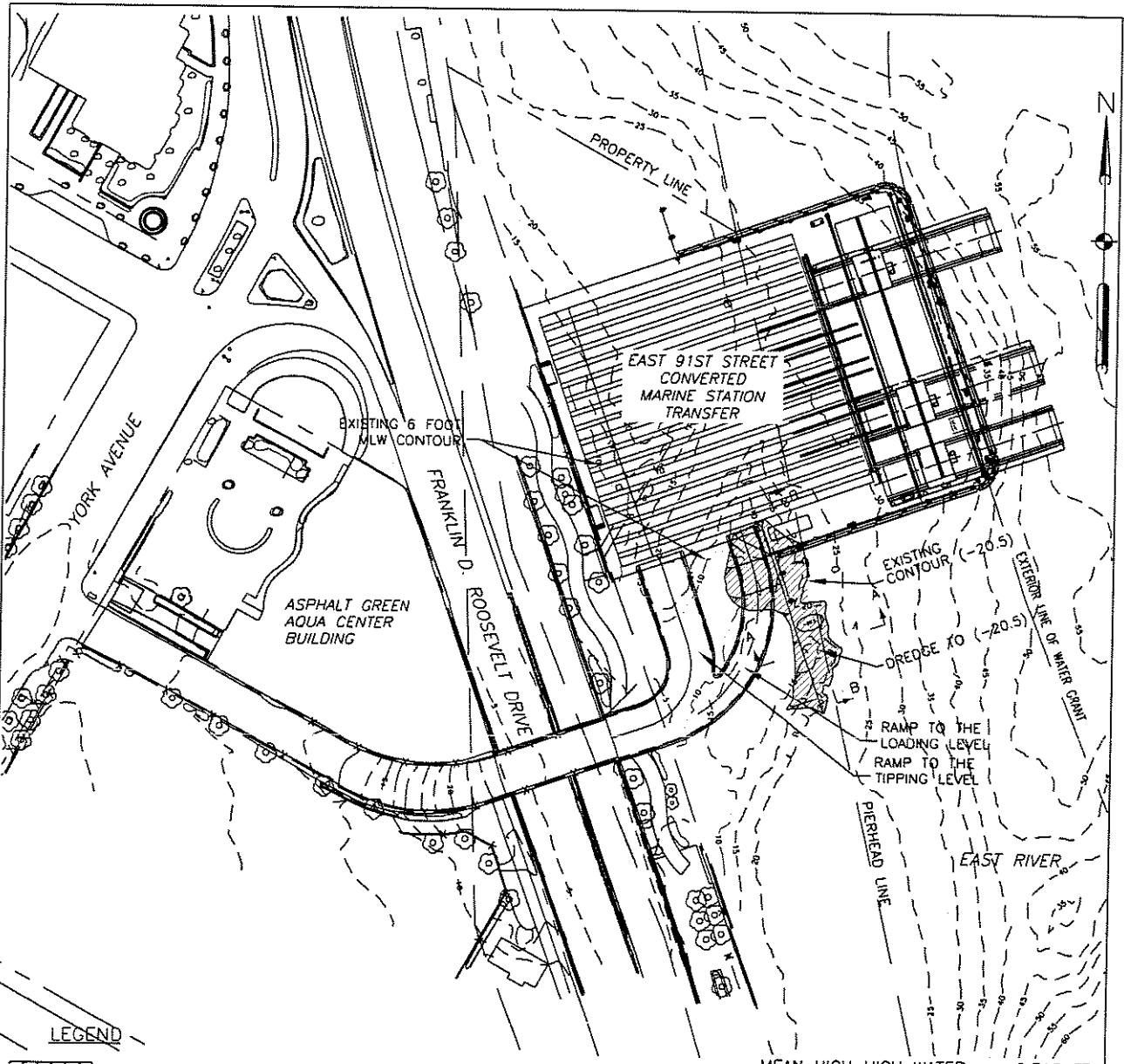
AT: MANHATTAN

COUNTY OF: NEW YORK

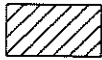
STATE OF: NEW YORK

APPLICATION BY: CITY OF NEW  
YORK DEPARTMENT OF SANITATION

SHEET 10 OF 12 DATE: 7/2008



**LEGEND**



AREA TO BE DREDGED

MEAN HIGH HIGH WATER = +0.718 FT  
 MEAN HIGH WATER = +0.388 FT  
 MEAN LOW WATER = -4.302 FT

**PURPOSE:** TO CONSTRUCT A CONTAINERIZED SOLID WASTE MARINE TRANSFER STATION WITHIN THE EAST RIVER

**DATUM:** MANHATTAN BOROUGH DATUM

**ADJACENT PROPERTY OWNERS:**

1. NEW YORK CITY DEPARTMENT OF BUSINESS SERVICES
2. NEW YORK CITY DEPARTMENT OF PARKS AND RECREATION
3. NEW YORK CITY DEPARTMENT OF TRANSPORTATION
4. NEW YORK STATE DEPARTMENT OF TRANSPORTATION

**DREDGE PLAN**



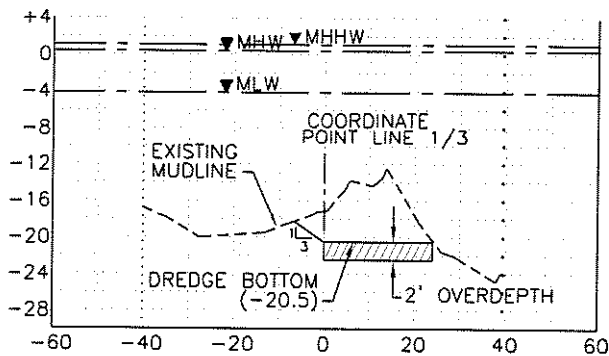
SCALE: 1"=120'

**CONSTRUCTION OF THE EAST 91ST STREET CONVERTED MTS**

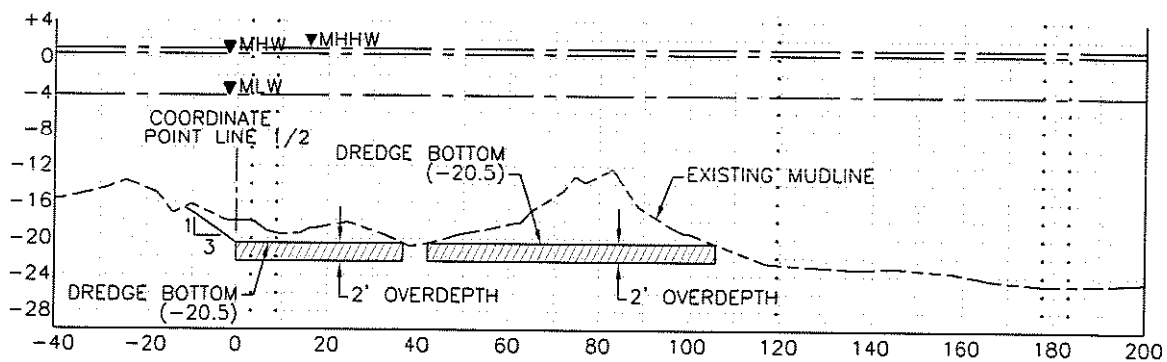
IN: EAST RIVER  
 AT: MANHATTAN  
 COUNTY OF: NEW YORK  
 STATE OF: NEW YORK

APPLICATION BY: CITY OF NEW YORK DEPARTMENT OF SANITATION

SHEET 11 OF 12 DATE: 7/2008



SECTION A-A  
 HORIZONTAL SCALE: 1"=40'  
 VERTICAL SCALE: 1"=20'



SECTION B-B  
 HORIZONTAL SCALE: 1"=40'  
 VERTICAL SCALE: 1"=20'

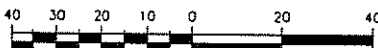
PURPOSE: TO CONSTRUCT A  
 CONTAINERIZED SOLID WASTE  
 MARINE TRANSFER STATION  
 WITHIN THE EAST RIVER

DATUM: MANHATTAN BOROUGH DATUM

ADJACENT PROPERTY OWNERS:

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3. NEW YORK CITY DEPARTMENT OF  
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4. NEW YORK STATE DEPARTMENT OF  
 TRANSPORTATION

CROSS-SECTIONS



HORIZONTAL SCALE: 1"=40'



VERTICAL SCALE: 1"=20'

CONSTRUCTION OF THE  
 EAST 91ST STREET CONVERTED MTS

IN: EAST RIVER

AT: MANHATTAN

COUNTY OF: NEW YORK

STATE OF: NEW YORK

APPLICATION BY: CITY OF NEW  
 YORK DEPARTMENT OF SANITATION

SHEET 12 OF 12 DATE: 7/2008