



## Metropolitan Transportation Authority

State of New York

July 25, 2000

### VIA AIRBORNE EXPRESS

Mr. Thomas L. Sullivan, CCIM  
Senior Real Estate Project Manager  
Northrop Grumman Corporation  
South Oyster Bay Road  
Building 25  
Bethpage, New York 11714

**Re: Bethpage, New York -- 2.58 Acres as depicted on NGC Property Disposition Map dated 10/19/99 ("Parcel X")**

Dear Mr. Sullivan:

As per your request, enclosed please find a copy of the updated Phase 1 Environmental Site Assessment for Parcel X prepared by Frederic R. Harris, Inc. and dated as of April 2000.

Thank you for your cooperation. Should you have any questions, please do not hesitate to contact me at (212) 878-7326.

Sincerely,

A handwritten signature in black ink, appearing to read "Lydia E. Fadool".

Lydia E. Fadool  
Real Estate Department

Enclosure

cc: R. Krsulic  
A. LoGalbo  
R. Lustig  
Chron/File



Long Island Rail Road

**Bethpage Station Reconstruction Project  
Bethpage, Nassau County, New York**

**PHASE 1 ENVIRONMENTAL SITE ASSESSMENT  
for the  
NORTHROP GRUMMAN CORPORATION  
PARKING LOT - PARCEL X**

**FINAL REPORT**

prepared by:

**Frederic R. Harris, Inc.  
Iselin, New Jersey**

**April 2000**



## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

RAILROAD AVE./S. 2ND ST.  
BETHPAGE, NY 11714

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

NPL:..... National Priority List  
Delisted NPL:..... NPL Deletions  
CERCLIS:..... Comprehensive Environmental Response, Compensation, and Liability Information System  
SWF/LF:..... Facility Register  
AST:..... Petroleum Bulk Storage (AST)  
RAATS:..... RCRA Administrative Action Tracking System  
HMIRS:..... Hazardous Materials Information Reporting System  
PADS:..... PCB Activity Database System  
ERNS:..... Emergency Response Notification System  
FINDS:..... Facility Index System/Facility Identification Initiative Program Summary Report  
TRIS:..... Toxic Chemical Release Inventory System  
NPL Lien:..... NPL Liens  
TSCA:..... Toxic Substances Control Act  
MLTS:..... Material Licensing Tracking System  
NY Spills:..... NY Spills  
CBS UST:..... Chemical Bulk Storage (CBS) Database  
CBS AST:..... Chemical Bulk Storage (CBS) Database  
MOSF UST:..... Major Oil Storage Facilities Database  
MOSF AST:..... Major Oil Storage Facilities Database  
HSWDS:..... Hazardous Substance Waste Disposal Site Inventory  
VCP:..... Voluntary Cleanup Agreement  
ROD:..... ROD  
CONSENT:..... Superfund (CERCLA) Consent Decrees  
Coal Gas:..... Former Manufactured gas (Coal Gas) Sites.  
MINES:..... Mines Master Index File

Unmapped (orphan) sites are not considered in the foregoing analysis.

### Search Results:

Search results for the subject property and the search radius, are listed below:

### Subject Property:

The subject property was not listed in any of the databases searched by EDR.

## EXECUTIVE SUMMARY

### Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-TSD list, as provided by EDR, and dated 07/01/1999 has revealed that there is 1 RCRIS-TSD site within approximately 0.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>GRUMMAN AEROSPACE CORP</i></b>	<b><i>S OYSTER BAY RD</i></b>	<b><i>1/8 - 1/4 WNW A4</i></b>		<b><i>11</i></b>

**SHWS:** The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the SHWS list, as provided by EDR, has revealed that there is 1 SHWS site within approximately 1 mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>NAVAL WEAPONS IND. RESERVE PLA</i></b>	<b><i>STEWART AVENUE</i></b>	<b><i>1/2 - 1 NW</i></b>	<b><i>18</i></b>	<b><i>25</i></b>

**CERCLIS-NFRAP:** As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 04/21/1999 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>GRUMMAN AEROSPACE CORP</i></b>	<b><i>S OYSTER BAY RD</i></b>	<b><i>1/8 - 1/4 WNW A4</i></b>		<b><i>11</i></b>

## EXECUTIVE SUMMARY

**CORRACTS:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/1999 has revealed that there is 1 CORRACTS site within approximately 1 mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GRUMMAN AEROSPACE CORP</i>	<i>S OYSTER BAY RD</i>	<i>1/8 - 1/4 WNW</i>	<i>A4</i>	<i>11</i>

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Conservation's Spills Information Database.

A review of the LUST list, as provided by EDR, and dated 04/01/1999 has revealed that there are 11 LUST sites within approximately 0.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SUNOCO	489 STEWART AVE	1/8 - 1/4 SE	3	10
<i>GRUMMAN AEROSPACE CORP</i>	<i>S OYSTER BAY RD</i>	<i>1/8 - 1/4 WNW</i>	<i>A4</i>	<i>11</i>
JAMES BELL RESIDENCE	127 S 1ST ST	1/4 - 1/2N	9	18
MODERN AIR	281 BROADWAY	1/4 - 1/2SE	10	19
BETHPAGE PUBLIC LIBRARY	POWELL AVENUE	1/4 - 1/2E	B11	20
BETHPAGE PUBLIC LIBRARY	47 POWELL AVE	1/4 - 1/2E	B12	20
NYNEX VEHICLE	SHERMAN AVE/SO 6TH STRE	1/4 - 1/2NW	13	21
<i>GETTY S/S</i>	<i>295 CENTRAL AVE</i>	<i>1/4 - 1/2SSE</i>	<i>14</i>	<i>22</i>
ST MARTIN OF TOMS CHURCH	40 SEAMAN AVE	1/4 - 1/2SE	15	23
UNITED METHODIST CHURCH	192 BROADWAY	1/4 - 1/2SSE	16	24
RESIDENCE	77 BRENNER AVE	1/4 - 1/2SSW	17	24

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 04/01/1999 has revealed that there is 1 UST site within approximately 0.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BETHPAGE SERVICE STATION	515 STEWART AVE.	0 - 1/8 ESE	1	10

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 07/01/1999 has revealed that there are 2 RCRIS-SQG sites within approximately 0.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>SON-LEW LAUNDRY CENTER INC</i>	<i>596 STEWART AVE</i>	<i>0 - 1/8 NE</i>	<i>2</i>	<i>10</i>
<i>BETHPAGE BEST CLEANERS</i>	<i>360 BROADWAY</i>	<i>1/8 - 1/4 E</i>	<i>6</i>	<i>17</i>

## EXECUTIVE SUMMARY

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 07/01/1999 has revealed that there are 4 RCRIS-LQG sites within approximately 0.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GRUMMAN AEROSPACE CORP	S OYSTER BAY RD	1/8 - 1/4 WNW A4		11
GRUMMAN AEROSPACE CORP	NEW SOUTH RD	1/8 - 1/4 WNW A5		16
L V F CONTRACTING	STEWART & LAFAYETTE AVE	1/8 - 1/4 SSE 7		17
EASTERN EXTERMINATING COMPANY	326 BROADWAY	1/8 - 1/4 ESE 8		18

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
HAZARDOUS WASTE DISPOSAL	FINDS,RCRIS-LQG,RCRIS-TSD CORRACTS,CERC-NFRAP
GRUMMAN AEROSPACE CORP #77	FINDS,RCRIS-LQG,TRIS RCRIS-TSD,RAATS,CORRACTS
RUCO POLYMER CORP. (HOOKER CHEM)	SHWS
AMERICAN DRIVE-IN CLEANERS	SHWS
OLD BETHPAGE LANDFILL	SHWS
ALL AMERICAN PETROLEUM	LUST,NY Spills
TOWN OF OYSTER BAY	LUST
JOHN F. KENNEDY J.H.S.	UST
NORTHEDGE SCHOOL	UST
JOHN H. WEST SCHOOL	UST
BETHPAGE COMMUNITY PARK	UST
NASSAU COUNTY PUBLIC WORKS	RCRIS-SQG,FINDS
19 SEAMAN AVE	ERNS
J&S TRANSPORTATION	NY Spills
MOBIL S/S	NY Spills

TOPOGRAPHIC MAP - 0415389.4r - Frederic R. Harris, Inc.



- ↖ Major Roads
- ↖ Contour Lines
- ~ Waterways
- ⊙ Earthquake epicenter, Richter 5 or greater
- ⊙ Closest Federal Well in quadrant
- ⊙ Closest State Well in quadrant
- ⊙ Closest Public Water Supply Well

HD Closest Hydrogeological Data

TARGET PROPERTY:	Railroad Ave./S. 2nd St.	CUSTOMER:	Frederic R. Harris, Inc.
ADDRESS:	Railroad Ave./S. 2nd St.	CONTACT:	Michael Folli
CITY/STATE/ZIP:	Bethpage NY 11714	INQUIRY #:	0415389.4r
LAT/LONG:	40.7431 / 73.4839	DATE:	September 24, 1999 10:11 am



# GEOCHECK VERSION 2.1 SUMMARY

## TARGET PROPERTY COORDINATES

Latitude (North): 40.743099 - 40° 44' 35.2"  
 Longitude (West): 73.483902 - 73° 29' 2.0"  
 Universal Transverse Mercator: Zone 18  
 UTM X (Meters): 628005.8  
 UTM Y (Meters): 4511133.5

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2440073-F4 AMITYVILLE, NY

## GEOLOGIC AGE IDENTIFICATION†

Geologic Code: Qp  
 Era: Cenozoic  
 System: Quaternary  
 Series: Pleistocene

## ROCK STRATIGRAPHIC UNIT‡

Category: Stratified Sequence

## GROUNDWATER FLOW INFORMATION

*Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡*

AQUIFLOW™ Search Radius: 2.000 Miles. The following table shows sites where groundwater flow and depth information was reported. Additional AQUIFLOW™ site information may be available in the GeoCheck® section at the end of this report.

<u>MAP ID</u>	<u>DISTANCE FROM TP</u>	<u>DIRECTION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported			

General Topographic Gradient at Target Property: General East

General Hydrogeologic Gradient at Target Property: The hydrogeologic gradient for this report has been determined using the depth to water table information provided below. Where available, the closest well in each quadrant has been identified (up to a radius of 5 miles around the target property) and used in the gradient calculation. While an attempt has been made to segregate shallow from deep aquifers, this cannot always be assured. Groundwater flow in the aquifer associated with the wells appears generally to be to the ESE.

† Source: P.G. Schruben, R.E. Arndt, and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map USGS Digital Data Series DDS-11 (1994).  
 ‡ U.S. EPA Ground Water Handbook, Vol. I: Ground Water and Contamination, Office of Research and Development, EPA/625/5-90/015a, Chapter 4, page 78, September 1990.

\*\* EDR AQUIFLOW™ Information System of hydrogeologically determined groundwater flow directions at specific locations. See the data pages at the end of this report for a complete description.

## GEOCHECK VERSION 2.1 SUMMARY

### Site-Specific Hydrogeological Data\*:

Search Radius: 2.0 miles  
 Location Relative to TP: 1 - 2 Miles East  
 Site Name: Nassau County Fire Training Ce  
 Site EPA ID Number: NYD982531949  
 Groundwater Flow Direction: Southeast  
 Measured Depth to Water: 25 feet to 50 feet.  
 Hydraulic Connection: The surficial aquifer and underlying aquifer are hydraulically connected. Clay and silt lenses in the surficial aquifer impede vertical ground water movement.  
 Sole Source Aquifer: No information about a sole source aquifer is available  
 Data Quality: Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

### FEDERAL DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>	<u>LITHOLOGY</u>	<u>DEPTH TO WATER TABLE</u>
Northern	1 - 2 Miles	Not Reported	Not Reported
Eastern	>2 Miles	Sand	17 ft.
Southern	1/2 - 1 Mile	Sand	32 ft.
Western	1/2 - 1 Mile	Sand	29 ft.

### STATE DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>
Northern	1 - 2 Miles
Eastern	1 - 2 Miles
Southern	1/2 - 1 Mile
Western	1 - 2 Miles

### PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

NOTE: PWS System location is not always the same as well location.

PWS Name: BETHPAGE WATER DISTRICT  
 25 ADAMS AVENUE  
 BETHPAGE, NY 11714

Location Relative to TP: 1/2 - 1 Mile South  
 PWS currently has or has had major violation(s) or enforcement: No

### AREA RADON INFORMATION

State Radon Information for NASSAU County:

Number of sites tested: 561

Average (pCi/L)	Geometric Mean (pCi/L)	Geometric Std Dev.	Maximum (pCi/L)	% Homes >4 pCi/L	% Homes >20 pCi/L
1.4	1.0	2.3	11.0	4.8	0.0

EPA Radon Zone for NASSAU County: 3

Note: Zone 1 indoor average level > 4 pCi/L  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s) which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

**GEOCHECK VERSION 2.1  
SUMMARY**

**AREA RADON INFORMATION**

NASSAU COUNTY, NY

Number of sites tested: 226

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area	0.640 pCi/L	98%	2%	0%
Basement	1.100 pCi/L	98%	2%	0%

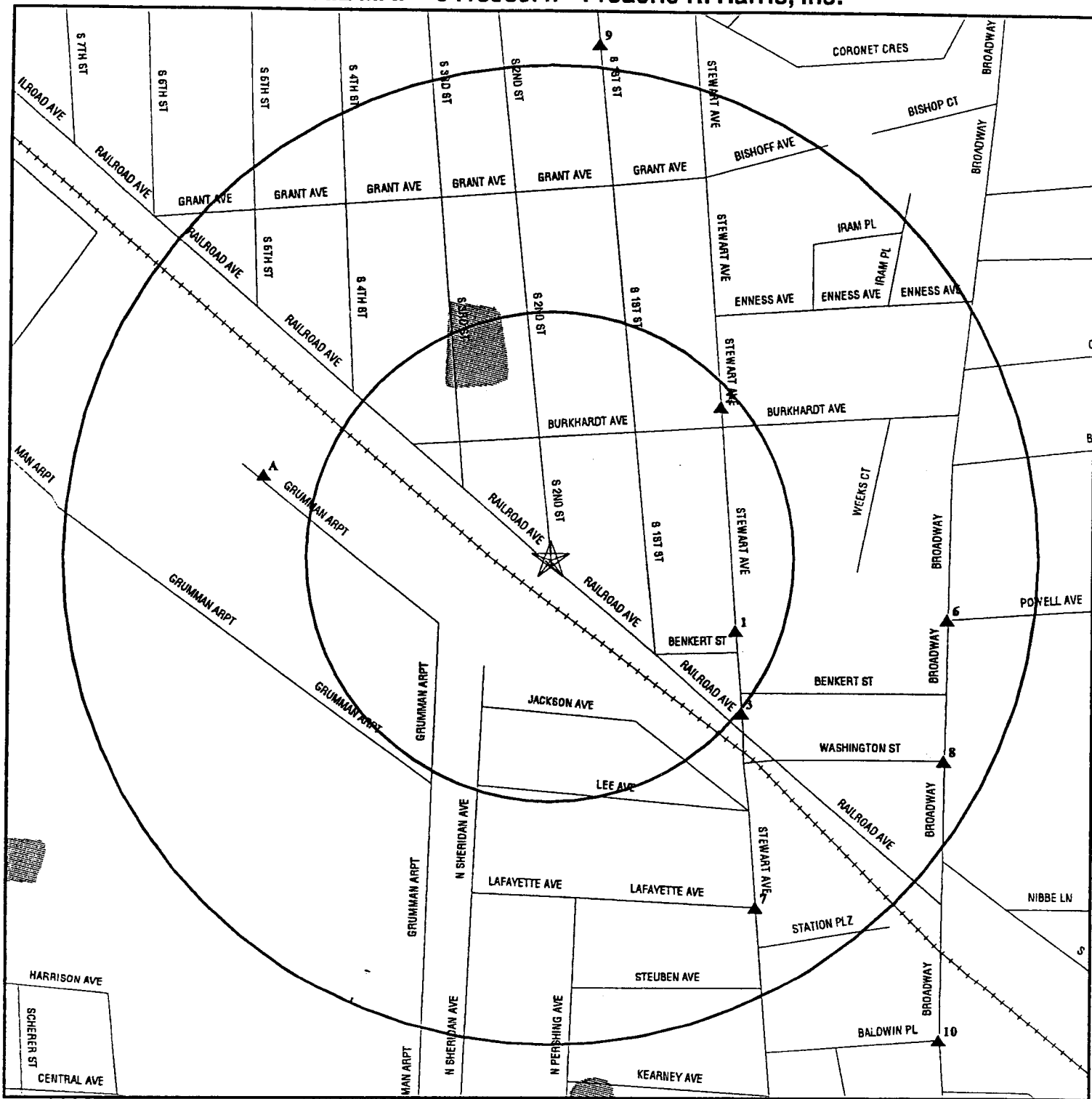
OVERVIEW MAP - 0415389.4r - Frederic R. Harris, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▩ Landfill Sites
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- ▨ Wetlands per National Wetlands Inventory (1994)

TARGET PROPERTY:	Railroad Ave./S. 2nd St.	CUSTOMER:	Frederic R. Harris, Inc.
ADDRESS:	Railroad Ave./S. 2nd St.	CONTACT:	Michael Folli
CITY/STATE/ZIP:	Bethpage NY 11714	INQUIRY #:	0415389.4r
LAT/LONG:	40.7431 / 73.4839	DATE:	September 24, 1999 10:08 am

# DETAIL MAP - 0415389.4r - Frederic R. Harris, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- Sensitive Receptors
- ☐ National Priority List Sites
- ☐ Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands per National Wetlands Inventory (1994)

**TARGET PROPERTY:** Railroad Ave./S. 2nd St.  
**ADDRESS:** Railroad Ave./S. 2nd St.  
**CITY/STATE/ZIP:** Bethpage NY 11714  
**LAT/LONG:** 40.7431 / 73.4839

**CUSTOMER:** Frederic R. Harris, Inc.  
**CONTACT:** Michael Folli  
**INQUIRY #:** 0415389.4r  
**DATE:** September 24, 1999 10:10 am

## MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	1	0	NR	NR	1
State Haz. Waste		1.000	0	0	0	1	NR	1
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	1	0	0	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	2	9	NR	NR	11
UST		0.250	1	0	NR	NR	NR	1
AST	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	1	1	NR	NR	NR	2
RCRIS Lg. Quan. Gen.		0.250	0	4	NR	NR	NR	4
HMIRS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
NY Spills	TP		NR	NR	NR	NR	NR	0
CBS UST		0.250	0	0	NR	NR	NR	0
CBS AST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
HSWDS		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
MINES		0.250	0	0	NR	NR	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

**MAP FINDINGS SUMMARY SHOWING  
ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	1	0	NR	NR	1
State Haz. Waste		1.000	0	0	0	1	NR	1
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	1	0	0	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	2	9	NR	NR	11
UST		0.250	1	0	NR	NR	NR	1
AST	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	1	1	NR	NR	NR	2
RCRIS Lg. Quan. Gen.		0.250	0	4	NR	NR	NR	4
HMIRS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
NY Spills	TP		NR	NR	NR	NR	NR	0
CBS UST		0.250	0	0	NR	NR	NR	0
CBS AST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
HSWDS		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
MINES		0.250	0	0	NR	NR	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1  
ESE  
< 1/8  
539  
Higher

**BETHPAGE SERVICE STATION**  
515 STEWART AVE.  
BETHPAGE, NY

UST

U003377438  
N/A

Nassau County UST:

Facility ID:	056695	Tank ID:	0005
Tank Location:	Indoors, Belowground	Capacity:	00000500
Tank Status:	In Service	Tank Material:	STEEL
Piping Type:	Galvanized Steel	Material Type:	Waste
Int Protection:	None		
Ext Protection:	FIBERGLASS REINFORCED PLASTIC		
Description:	WASTE OIL		
Leak Detect:	OTHER	Containment:	OTHER
Dispense Method:	Gravity	Product Gauge:	No
Fill Type:	Gravity	Install Date:	0281

2  
NE  
< 1/8  
614  
Higher

**SON-LEW LAUNDRY CENTER INC**  
596 STEWART AVE  
BETHPAGE, NY 11714

RCRIS-SQG  
FINDS

1000139057  
NYD982538621

RCRIS:

Owner: SON LEW LAUNDRY CENTER INC  
(212) 555-1212

Contact: BLANCHE STALTARE  
(516) 931-9636

Record Date: 06/22/1988

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

3  
SE  
1/8-1/4  
667  
Higher

**SUNOCO**  
489 STEWART AVE  
BETHPAGE, NY

LUST

S100169300  
N/A

LUST:

Spill Number:	8902244	Region of Spill:	1
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	LEUNG	SWIS:	28
Caller Name:	TONY LEUNG	Caller Agency:	DEC
Caller Phone:	(516) 751-7900	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	(516) 931-9244
Spiller:	SUNOCO		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	06/09/1989		



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SUNOCO (Continued)

S100169300

Spill Cause: Tank Failure  
Water Affected: Not reported  
Spill Notifier: DEC  
Spill Date: 06/02/1989 11:00  
Cleanup Ceased: 06/09/1989  
Last Inspection: Not reported  
Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: False  
Spill Record Last Update: 06/12/1989  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 06/07/1989  
Date Region Sent Summary to Central Office: Not reported  
DEC Remarks: 06/09/89: CONT SOIL REMOVED DURING ROUTINE TANK REMOVAL. 2 1/2 YDS STOCK  
PILED.EXCAVATION CLEANED OUT.  
Spill Cause: APPROX 2 1/2 CU YDS STOCKPILED

A4  
WNW  
1/8-1/4  
806  
Higher

GRUMMAN AEROSPACE CORP  
S OYSTER BAY RD  
BETHPAGE, NY 11714

PADS 1000300847  
FINDS NYD002047967  
RCRIS-LQG  
RCRIS-TSD  
CORRACTS  
CERC-NFRAP  
LUST

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported  
Ownership Status: Other

Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY  
Assessment: PRELIMINARY ASSESSMENT

Completed: 19791201  
Completed: 19800101

CERCLIS-NFRAP Alias Name(s):

GRUMMAN AEROSPACE  
GRUMMAN A/C-NAVWEPS IND RESERVE PLANT  
GRUMMAN AEROSPACE CORP

CORRACTS Data:

Prioritization: High  
Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA  
Facility Investigation, RFI Imposition, RFI Workplan Approved, RCRA  
Facility Investigation Approved, CMS Workplan Approved, Corrective  
Measure Study Approved, Corrective Measures Investigation Workplan  
Approved, Stabilization Measures Implemented

RCRIS Corrective Action Summary:

Effective Date: 10/25/1990  
Legal Authority: RCRA 7003 or equivalent  
Effective Date: 03/25/1992  
Legal Authority: RCRA 3004(u) or equivalent  
Effective Date: 05/11/1992  
Legal Authority: RCRA 3004(u) or equivalent

**Frederic R. Harris, Inc.**

Koll Corporate Plaza  
485 B U.S. Route One South  
Iselin, NJ 08830  
Phone: 732-636-4990  
Fax: 732-636-6338



April 23, 1999

02-3617-77

Ms. Ruth Earl  
Records Access Officer  
New York State Department of Environmental Conservation  
50 Wolf Road  
Albany, NY 12233-1016

Reference: Freedom of Information Act Request  
Long Island Rail Road  
Bethpage Station Reconstruction  
Township of Oyster Bay, Nassau County

Dear Ms. Earl:

Frederic R. Harris, Inc. is under contract with the Long Island Rail Road to provide environmental services for the proposed Bethpage Station Reconstruction project in the Township of Oyster Bay, Nassau County, New York. As part of necessary environmental documentation, we respectfully request any information concerning contaminated sites with regard to hazardous materials/wastes spills, underground or aboveground storage tank information (including spills), groundwater or soil contamination, notice of violations, etc. within one quarter mile of the project area. Enclosed is a copy of the Nassau County Hagstrom Map showing the location of the project area.

Should you have any questions regarding this request, feel free to contact either myself or Mr. Timothy Hand of our office.

Very truly yours,

**FREDERIC R. HARRIS, INC.**

A handwritten signature in black ink, appearing to read "Michael Folli".

Michael Folli  
Environmental Scientist

P:\USER-ENV\02-3617-FOIA.WPD

**Metropolitan Transportation Authority  
Long Island Rail Road Bethpage Station Reconstruction Project  
Bethpage, Nassau County, New York**

**PHASE 1 ENVIRONMENTAL SITE ASSESSMENT - ASTM E1527  
for the  
NORTHROP GRUMMAN CORPORATION  
PARKING LOT - PARCEL X**

---

**TABLE OF CONTENTS**

<u>SECTION</u>	<u>PAGE</u>
1.0 Executive Summary .....	1
2.0 Introduction .....	3
2.1 Project Purpose .....	3
2.2 Scope of Work .....	3
2.3 Limitations and Exceptions of Assessment .....	3
2.4 Limiting Conditions and Methodology Used .....	4
2.5 Reliance .....	4
3.0 Site Description .....	5
3.1 Location and Legal Description .....	5
3.2 Site and Vicinity Characteristics .....	5
3.3 Descriptions of Structures, Roads, Other Improvements on the Site ...	7
3.4 Information Reported by User Regarding Environmental Liens or Specialized Knowledge or Experience .....	7
3.5 Current and Past Uses of the Property .....	7
3.6 Current and Past Uses of Adjoining Properties .....	7
3.7 Site Rendering, Map, or Site Plan .....	7
4.0 Records Review .....	8
4.1 Standard Environmental Record Sources: Federal and State .....	8
4.1.1 Specific Site Information .....	10
4.1.2 Sites With Unknown Locations .....	17
4.2 Additional Environmental Record Sources: State or Local .....	17
4.3 Physical Setting Source(s) .....	19
4.4 Historical Use Information .....	20
4.4.1 USGS 7.5 Minute Topographic Map Review .....	20
4.4.2 Aerial Photography .....	21
4.4.3 Sanborn Fire Insurance Maps .....	23

**Metropolitan Transportation Authority  
Long Island Rail Road Bethpage Station Reconstruction Project  
Bethpage, Nassau County, New York**

**PHASE 1 ENVIRONMENTAL SITE ASSESSMENT - ASTM E1527  
for the  
NORTHROP GRUMMAN CORPORATION  
PARKING LOT - PARCEL X**

---

**TABLE OF CONTENTS**

<u>SECTION</u>	<u>PAGE</u>
<b>5.0 Information from Site Reconnaissance and Interviews .....</b>	<b>24</b>
5.1 Hazardous Substances in Connection with Identified Uses .....	24
5.2 Hazardous Substance Containers, Unidentified Substance Containers, and Storage Tanks .....	25
5.3 Site and Surrounding Area Characteristics .....	26
5.4 Indications of PCBs .....	27
5.5 Indications of Solid Waste Disposal .....	27
5.6 Other Useful Environmental Documents .....	27
<b>6.0 Conclusions and Recommendations .....</b>	<b>29</b>
<b>7.0 Qualifications of Environmental Professionals Participating in     Phase 1 Environmental Site Assessment .....</b>	<b>31</b>

**Appendices**

- Appendix A Historical Documentation
- Appendix B Photographs
- Appendix C Project Correspondence

**Tables**

FOLLOWS PAGE

Table 1	Sites Listed on Federal and State Databases .....	10
---------	---	----

**Metropolitan Transportation Authority  
Long Island Rail Road Bethpage Station Reconstruction Project  
Bethpage, Nassau County, New York**

**PHASE 1 ENVIRONMENTAL SITE ASSESSMENT - ASTM E1527  
for the  
NORTHROP GRUMMAN CORPORATION  
PARKING LOT - PARCEL X**

---

**TABLE OF CONTENTS**

<b>Figures</b>		<u>FOLLOWS PAGE</u>
Figure 1a	Project Area Map .....	3
Figure 1b	Project Site Map .....	Figure 1a
Figure 2	Zoning Map .....	5
Figure 3	Northrop Grumman Corporation Land Use Map .....	Figure 2
Figure 4	Site Plan - Parcel X .....	7

## 1.0 Executive Summary

Frederic R. Harris, Inc. (Harris) is under contract with the Metropolitan Transportation Authority - Long Island Rail Road (LIRR) to prepare this Phase 1 Environmental Site Assessment for the Northrop Grumman Corporation's Parcel X in Bethpage, Nassau County, New York. This assessment included a review of historical information, a site inspection to identify visually observable potentially adverse conditions, interviews with knowledgeable persons, review of federal, state, county and local records to determine the past and current uses of this parcel and adjacent properties, in accordance with the methods and procedures outlined in the American Society for Testing and Materials (ASTM) E1527 *Environmental Site Assessments: Phase 1 Environmental Site Assessment Process*.

The subject property of this Phase 1 Environmental Site Assessment is the former Northrop Grumman Corporation (Northrop Grumman) parking area (Parcel X) located approximately 830 feet northwest of the LIRR Ronkonkoma Branch crossing of Stewart Avenue in Bethpage, New York. Parcel X (Block 323, Lot 14) is currently a 2.58 acre inactive parking area and is situated adjacent to the LIRR eastbound tracks and the Northrop Grumman Plant #1 building and associated parking area.

Although 20 sites of concern were identified within a one (1) mile radius of the project area, only three (3) sites may have potentially adversely impacted Parcel X due to contamination of on-site soil or groundwater. These three (3) sites are the Northrop Grumman Corporation, Naval Weapons Industrial Reserve Plant (NWIRP), and RUCO Polymer Corporation properties which are located northwest of, and topographically higher in elevation than, Parcel X. The remaining 17 properties do not pose a threat to the project area as these sites are either located hydrologically downgradient of the project area or their cases have been deemed closed by New York State Department of Environmental Conservation (NYSDEC) and, therefore, no longer pose a threat to the surrounding area. Furthermore, prior geotechnical studies have determined that the topography of the area slopes slightly to the east and the groundwater flow is to the east-southeast. As the majority of these 17 sites are to the east and southeast, any of these sites which still have soil or groundwater contamination do not pose a threat to Parcel X as potential groundwater migration would be to the east-southeast, away from Parcel X.

Groundwater monitoring well GM-15I is currently the only monitoring well located within Parcel X. This monitoring well is sampled on a quarterly basis for volatile organic compounds (VOCs) by Northrop Grumman as part of an Interim Remedial Measure (IRM) and a long-term groundwater monitoring plan. Samples from the four previous sampling rounds indicate that VOCs have not exceeded the New York State Department of Environmental Conservation Ambient Water Quality Standards. As such, it is not believed that groundwater within Parcel X is contaminated. However, as part of the long-term groundwater monitoring plan, 3 additional groundwater monitoring wells (GM-15S, GM-

15D, and GM-15D2) will be installed on Parcel X under the IRM.

Regarding potential soil contamination, the Phase 1 Environmental Assessment for Parcel X prepared by ERM determined that a Recognized Environmental Condition (REC) does not exist at Parcel X. Nevertheless, the parcel is in proximity to historic contamination from the Northrop Grumman Corporation (Parcel X owners), NWIRP, and RUCO Polymer Corporation properties. However, since the use of the property from the 1930s has been a parking lot, it is reasonable to assume that neither the contamination associated with the nearby properties nor any other unknown contamination exists in the soil at the parcel. Furthermore, there is no current evidence of possible soil contamination leaching into the parcel's underlying groundwater. Therefore, based on the existing information and the fact that the LIRR intends to purchase the property for continued use as a parking lot, no soil sampling is recommended.

## 2.0 Introduction

### 2.1 *Project Purpose*

The Metropolitan Transportation Authority (MTA) - Long Island Rail Road (LIRR) proposes to build a new Bethpage Station facility on the southwest corner of the Stewart Avenue/Railroad Avenue intersection as part of the Bethpage Station Reconstruction project in Bethpage, Nassau County, New York (see Figure 1a). The existing station facility, which is currently located on the northeast corner of this intersection, is a one-level concrete structure consisting of a waiting area, ticket office, two public toilets, and a storage room. Bethpage Station has a designated use level of 2, which represents a daily usage of approximately 2,000 to 6,000 patrons. As this facility is inadequate to meet present and future commuter needs, it will therefore be demolished and replaced with the proposed station adjacent to the eastbound platform. The new station facility will provide improved access, parking, and passenger comfort, in addition to platform improvements and utility upgrades.

In addition, commuter parking and access would be further improved by LIRR's proposed acquisition of a portion of the former Northrop Grumman Corporation parking lot (Parcel X), which is the subject of this Phase 1 Environmental Site Assessment (ESA). This former parking lot would be reconfigured to accommodate an access driveway, a new kiss 'n ride area, and a pedestrian overpass connecting the eastbound and westbound platforms (see Figure 1b).

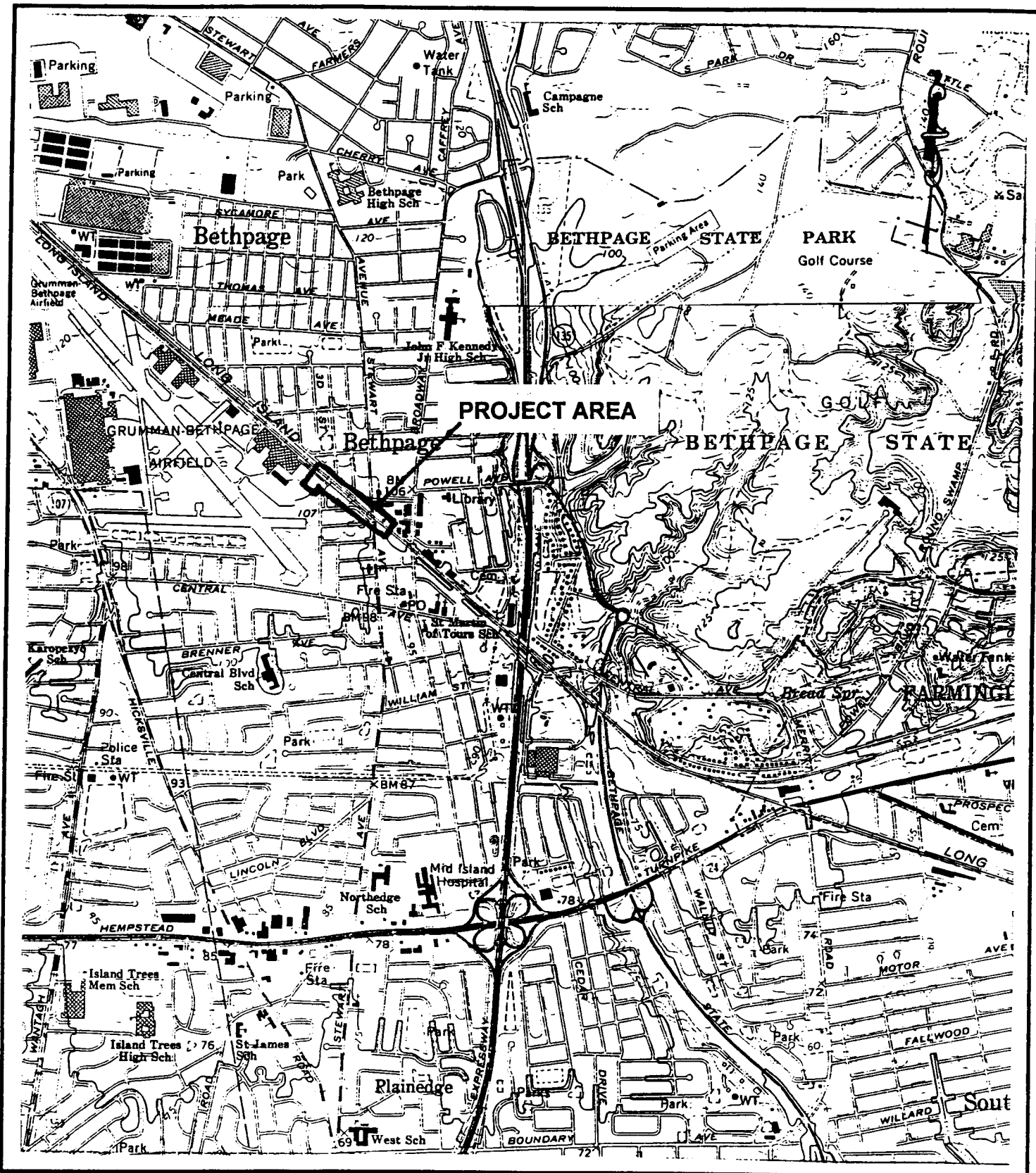
### 2.2 *Scope of Work*

Frederic R. Harris, Inc. (Harris) is under contract with the MTA LIRR to prepare this Phase 1 Environmental Site Assessment for the Northrop Grumman Corporation's Parcel X. This assessment included a review of historical information, a site inspection to identify visually observable potentially adverse conditions, interviews with knowledgeable persons, review of federal, state, county and local records to determine the past and current uses of this parcel and adjacent properties, in accordance with the methods and procedures outlined in the American Society for Testing and Materials (ASTM) E1527 *Environmental Site Assessments: Phase 1 Environmental Site Assessment Process*.

### 2.3 *Limitations and Exceptions of Assessment*

This Phase 1 Environmental Site Assessment has been prepared in accordance with standards set forth in the ASTM E1527 guidelines. As is inherent to all ESAs, this document cannot wholly eliminate uncertainty regarding the potential for hazardous substances or petroleum products in connection with Parcel X. The intent of this assessment is to reduce, but not eliminate, uncertainty regarding that potential.






 Frederic R. Harris, Inc.  
 Consulting Engineers  
 Iselin, New Jersey

Long Island Rail Road  
 Bethpage Station Rehabilitation Project

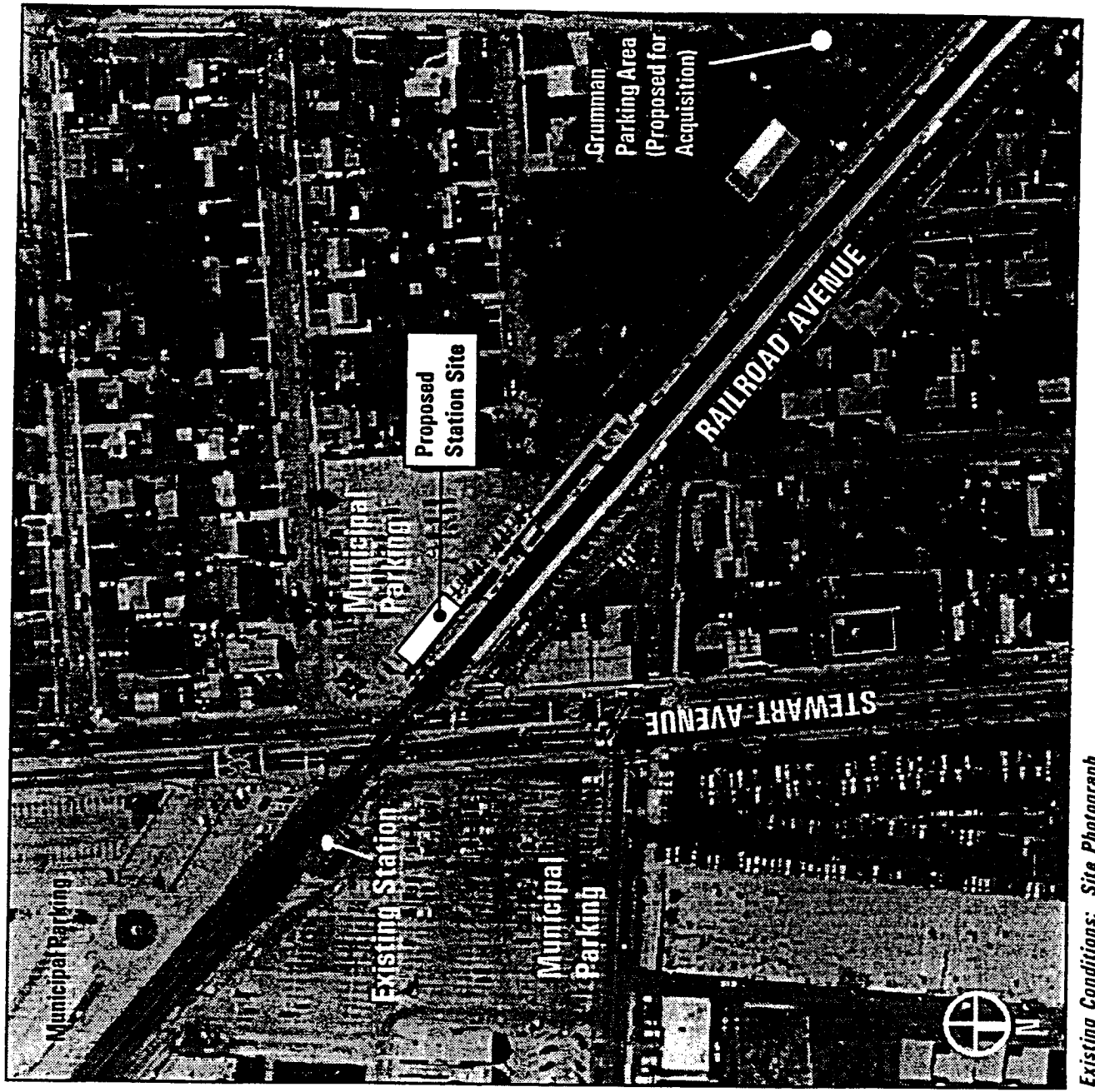
FIGURE 1a

**LOCATION MAP**

Source: Amityville and Huntington, NY USGS Quadrangles

Scale: 1"=2,000'  
 September 1999

Existing Conditions



Existing Conditions: Site Photograph

#### 2.4 *Limiting Conditions and Methodology Used*

The professional opinions and judgements in this report are based upon the information gathered, experience in the area with similar projects, and in accordance with generally accepted professional environmental practices under similar circumstances. Conditions observed and described during the site inspection are representative of the conditions at the specified locations on November 3, 1999. Conditions are subject to change over time. Should additional information become available which will affect the status of this report, we reserve the right to amend our opinions and professional judgements.

During the preparation of this report, Harris relied upon documents and information provided by others. As outlined in the ASTM E1527 standards, only information which was "reasonably ascertainable" was collected and analyzed in this Phase 1 ESA. "Reasonably ascertainable" information includes that which is publicly available, obtainable from its source within reasonable time and cost constraints, and practically reviewable. Harris assumes no responsibility or liability for inaccurate or incomplete data or regulatory information provided by others.

#### 2.5 *Reliance*

This Phase 1 Environmental Site Assessment for the Northrop Grumman Corporation's Parcel X was prepared for the exclusive use of the Metropolitan Transportation Authority - Long Island Rail Road. The information contained within this document may not be relied upon by any third parties.

The following federal wells are observation wells and do not serve as a potable water source. The eastern federal well is located approximately 2 miles east of the project area. The subsurface conditions at this well location consisted of a soil texture of sand with a water table depth of approximately 17 feet. The southern federal well is located approximately 0.5 - 1.0 miles south of the project area. The subsurface conditions at this well location consisted of a soil texture of sand with a water table depth of approximately 32 feet. The western federal well is located approximately 0.5 - 1.0 miles west of the project area. The subsurface conditions at this well location consisted of a soil texture of sand with a water table depth of approximately 29 feet (see Topographic Map in Appendix A).

The following public water supply information was obtained from the State Well Information Database as provided by EDR. The Bethpage Water District Well No. 7A is located approximately 1 mile north of the project area and provides approximately 1,728,000 gallons/day of potable water. The Bethpage State Park Well No. 4 is located approximately 1.25 miles east of the project area and provides approximately 1,252,000 gallons/day of potable water. The Bethpage Water District Well No. 10 is located 0.5 - 1.0 miles south of the project area (nearest public water supply) and provides approximately 2,016,000 gallons/day of potable water. This well supplies potable water to Hempstead and Oyster Bay townships. The Levittown Water District Well No. 10 is located approximately 1.5 miles west of the project area and does not provide any potable water as this well is currently not in use (see Topographic Map in Appendix A). Furthermore, as is mentioned in Section 4.4.2, a water tower and associated well were located immediately to the east of Parcel X between Jackson Avenue and the LIRR. This groundwater well was found to be contaminated and is no longer in use. The water tower was removed although the abandoned well house still remains.

From hydrogeologic analysis provided by EDR (Appendix A) and information from the NYSDEC *Registry of Inactive Hazardous Waste Disposal Sites in New York State: Volume 1 - Nassau and Suffolk Counties (April 1999)*, the regional groundwater flow has been determined to be to the east-southeast.

#### Wetlands

According to the National Wetlands Inventory (NWI) Map (1994) provided by EDR and field verified by Harris, there are no wetlands located within Parcel X. However, two sump/detention basins listed as NWI wetlands are located within the surrounding area. The first is located along Burkhardt Avenue between South Second and South Third Streets approximately 400 feet north of Parcel X and the second basin is a recharge basin located along Harrison Avenue approximately 0.25 miles southwest of Parcel X. These wetlands are U.S. Army Corps of Engineers jurisdictional wetlands; however, they are not NYSDEC designated wetlands.

### 3.3 *Descriptions of Structures, Roads, and Other Improvements on the Site*

Parcel X is presently an inactive parking area within the Northrop Grumman property. This parcel is part of a larger parking area to the west which will remain a Northrop Grumman parking area for Plant #1. The Northrop Grumman property was an aerospace center consisting of 2 aircraft runways, administrative buildings, hangars, storage facilities, parking areas, facility roads, and other associated appurtenances. Some of these structures have been demolished as Northrop Grumman is in the process of selling most of its land as previously mentioned. No other structures, roads, or improvements exist at Parcel X.

### 3.4 *Information Reported by User Regarding Environmental Liens or Specialized Knowledge or Experience*

The Northrop Grumman Real Estate Analyst interviewed was not aware of any environmental liens on Parcel X. However, as Parcel X and Plant #1 parking lot have a shared stormwater drainage system and the area's groundwater is known to be contaminated, the Real Estate Analyst recommended that a separate stormwater drainage system (i.e., dry wells) be installed for Parcel X after the property purchase by the LIRR. This would prevent potential liability issues concerning additional contamination that may occur in the future.

### 3.5 *Current and Past Uses of the Property*

Parcel X is currently a parking area within the Northrop Grumman property. According to aerial photography, this site has been a parking area for this facility since 1939. Prior to 1939, this property was in agricultural production as it was part of Looney's Potato Farm.

### 3.6 *Current and Past Uses of Adjoining Properties*

The adjoining land uses to the subject site described in Section 3.2 have changed somewhat since 1939 according to aerial photography. The adjoining properties which had previously been dominated by agriculture are now dominated by residential and commercial land uses. The density of this residential and commercial growth has increased over time.

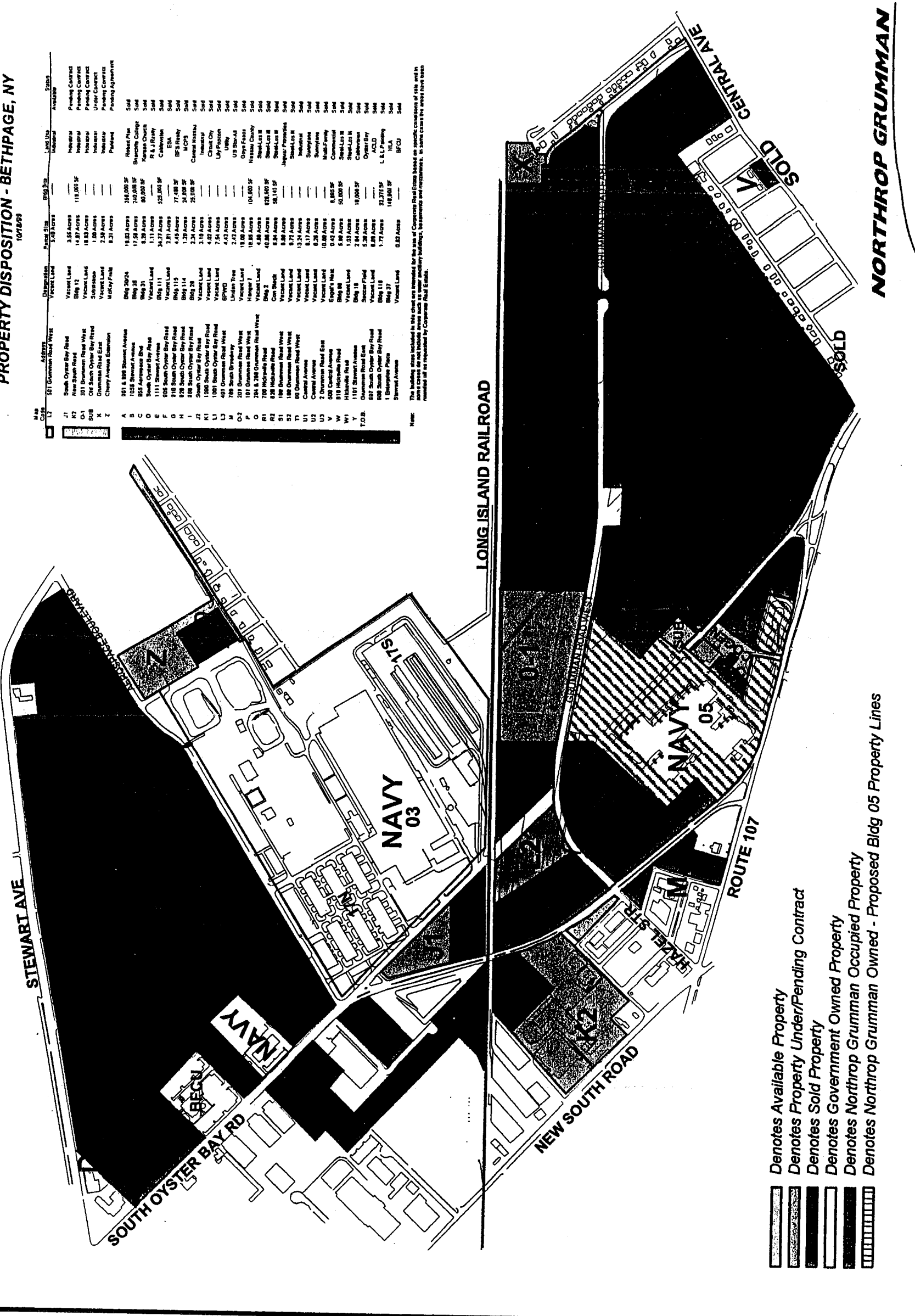
### 3.7 *Site Rendering, Map, or Site Plan*

See Figure 4 - Parcel X Site Plan.

**NORTHROP GRUMMAN CORPORATION  
PROPERTY DISPOSITION - BETHPAGE, NY  
10718/89**

Map Code	Address	Description	Price	Size	Notes
J1	511 Grumman Road West	Industrial	2,400,000	1,400,000 SF	Industrial
J2	South Oyster Bay Road	Pending Contract	3.55 Acres		Pending Contract
G1	New South Road	Industrial	14.87 Acres	118,000 SF	Industrial
S1	301 Grumman Road West	Industrial	18.83 Acres		Industrial
S2	Old South Oyster Bay Road	Industrial	1.28 Acres		Industrial
Z	Cherry Avenue Extension	Industrial	2.59 Acres		Industrial
Z	Cherry Avenue Extension	Industrial	8.21 Acres		Industrial
A	865 200th Avenue	Industrial	19.93 Acres	218,000 SF	Industrial
B	1255 Stewart Avenue	Industrial	17.59 Acres	210,000 SF	Industrial
C	855 Ackerman Blvd	Industrial	8.29 Acres	90,000 SF	Industrial
C	South Oyster Bay Road	Industrial	1.11 Acres		Industrial
D	1171 Stewart Avenue	Industrial	34.27 Acres	523,000 SF	Industrial
E	South Oyster Bay Road	Industrial	2.81 Acres		Industrial
F	118 South Oyster Bay Road	Industrial	4.45 Acres	77,400 SF	Industrial
G	118 South Oyster Bay Road	Industrial	21.05 SF		Industrial
H	118 South Oyster Bay Road	Industrial	7.29 Acres		Industrial
I	118 South Oyster Bay Road	Industrial	3.18 Acres		Industrial
J	118 South Oyster Bay Road	Industrial	4.92 Acres		Industrial
K	118 South Oyster Bay Road	Industrial	7.54 Acres		Industrial
L	118 South Oyster Bay Road	Industrial	4.43 Acres		Industrial
M	118 South Oyster Bay Road	Industrial	2.47 Acres		Industrial
N	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
O	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
P	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
Q	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
R	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
S	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
T	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
U	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
V	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
W	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
X	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
Y	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial
T.O.B.	118 South Oyster Bay Road	Industrial	18.09 Acres		Industrial

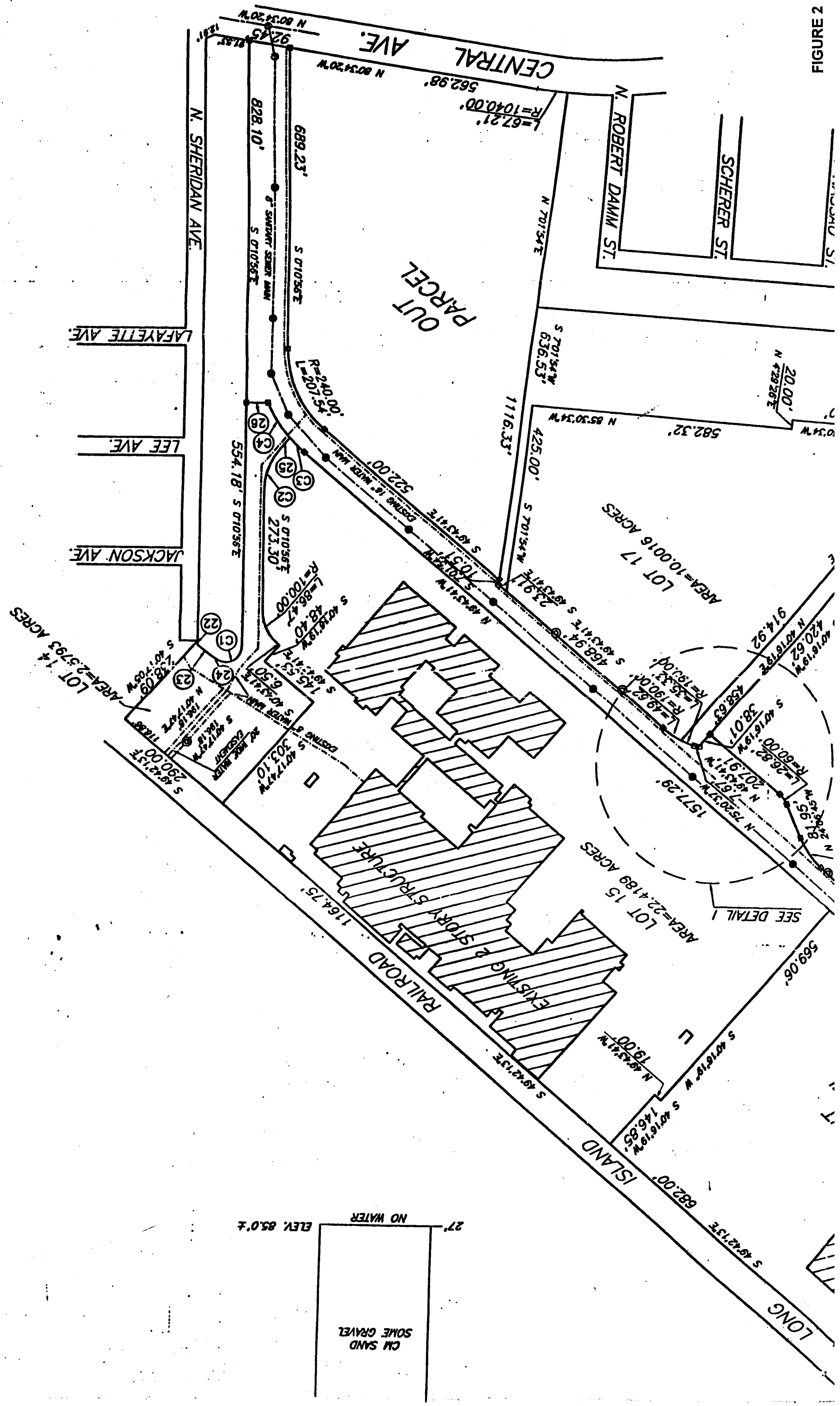
Note: The building shown included in this chart was intended for the use of Corporate Real Estate based on specific conditions of sale and in some cases may be used for other purposes. All other buildings, buildings and improvements, in some cases the area have been numbered and are indicated by a separate map sheet.



- Denotes Available Property
- Denotes Property Under/Pending Contract
- Denotes Sold Property
- Denotes Government Owned Property
- Denotes Northrop Grumman Occupied Property
- Denotes Northrop Grumman Owned - Proposed Bldg 05 Property Lines

**NORTHROP GRUMMAN**

FIGURE 2



# Parcel X Site Plan

2.58 acres

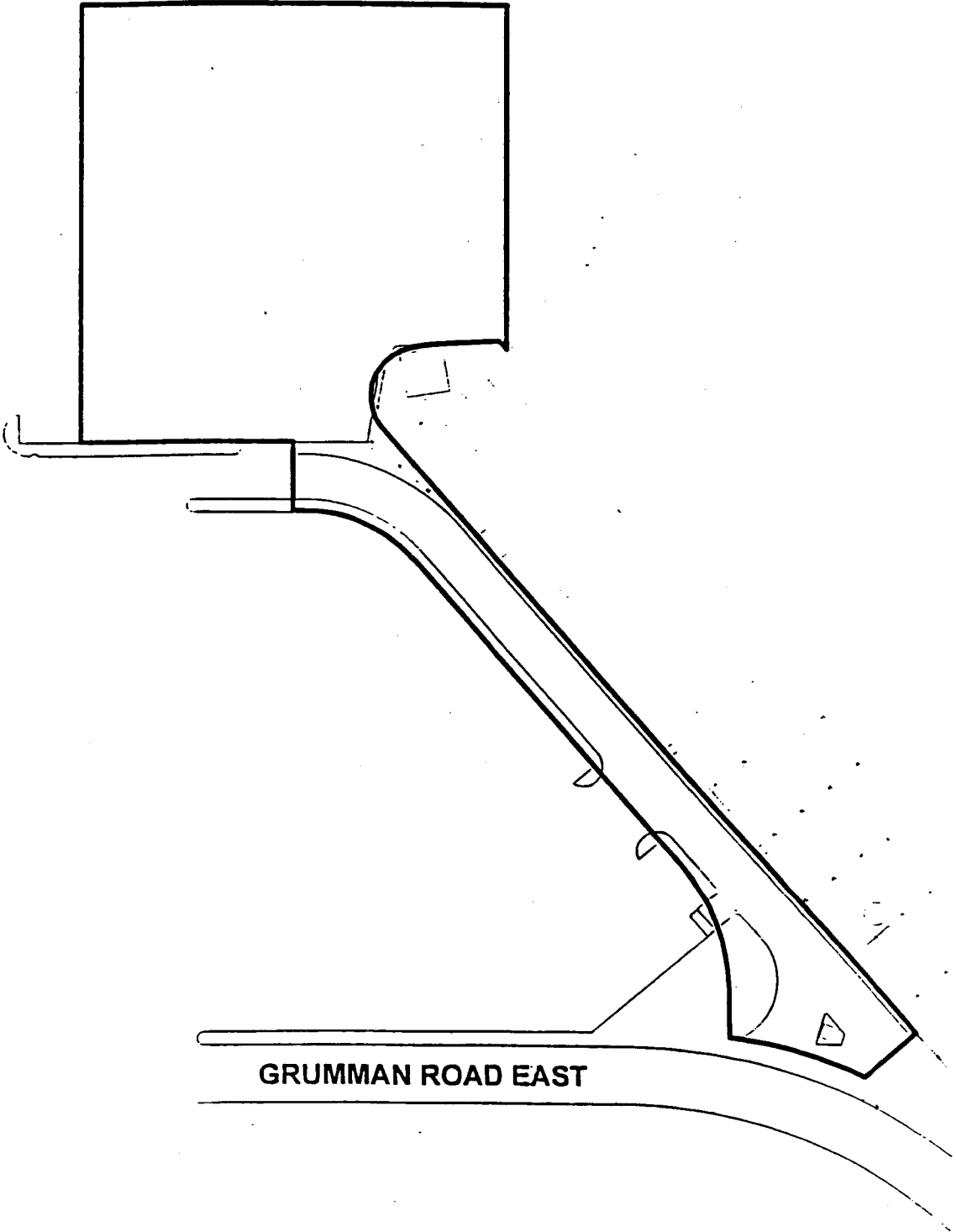


FIGURE 4



## 4.0 Records Review

### 4.1 Standard Environmental Record Sources: Federal and State

Reasonably ascertainable Federal and State standard environmental record sources were obtained through the services of Environmental Data Resources, Inc. (EDR) of Southport, Connecticut. These records were obtained and analyzed in accordance with ASTM 1527 guidelines.

A total of 33 Federal and State of New York ASTM and non-ASTM databases were reviewed to determine the presence of potentially contaminated sites located within and adjacent to the Bethpage Station Rehabilitation Project - Parcel X. Of the 33 databases reviewed, 11 databases listed sites which are located within 1 mile of the project area. The following is a compilation of the 6 Federal and 3 State of New York ASTM databases and 1 Federal and 1 State of New York Non-ASTM databases which have sites within the appropriate ASTM 1527 approximate minimum search distance from the project area.

#### *Federal ASTM Records*

**RCRIS-TSD (Resource Conservation and Recovery Information Systems - Treatment, Storage or Disposal):** This Resource Conservation and Recovery Act database includes selected information on sites which generate, store, treat, or dispose of hazardous waste as defined in the Act. The source and date of this information is the United States Environmental Protection Agency (USEPA), July 1, 1999, provided by EDR.

**RCRIS-SQG:** This Resource Conservation and Recovery Act database includes selected information on sites which are categorized as small quantity generators (SQG) of hazardous waste. The source and date of this database is the USEPA, July 1, 1999, provided by EDR.

**RCRIS-LQG:** This Resource Conservation and Recovery Act (RCRA) database includes selected information on sites which are categorized as large quantity generators (LQG) of hazardous waste. The source and date of this database is the USEPA, July 1, 1999, provided by EDR.

**CERCLIS-NFRAP:** As of February 1995, Comprehensive Environmental Response, Compensation and Liability Act Information Systems (CERCLIS) sites designated as "No Further Remedial Action Planned (NFRAP)" have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the National Priorities List (NPL), or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. The source and date of this database is the USEPA, April 21, 1999, provided by EDR.

**CORRACTS:** The RCRA Corrective Action Activity (CORRACTS) report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity. The source and date of this database is the USEPA, March 1, 1999, provided by EDR.

**ERNS:** The Emergency Response Notification System (ERNS) records and stores information regarding reported releases of oil and hazardous substances. The source and date of this database is the USEPA, December 31, 1998, provided by EDR.

*Federal Non-ASTM Records*

**PADS:** The PCB Activity Database System (PADS) identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the EPA of such activities. The source and date of this database is the USEPA, September 22, 1997, provided by EDR.

*State of New York ASTM Records*

**SHWS:** The State Hazardous Waste Sites (SHWS) records are the state's equivalent to CERCLIS. These sites may or may not already be listed on the Federal CERCLIS list. Priority sites planned for cleanup are identified regardless of whether the state or responsible party pays for the cost of such cleanups. This database is provided by the New York State Department of Environmental Conservation's (NYSDEC) *Registry of Inactive Hazardous Waste Disposal Sites in New York State*. Volume 1 of this database dated April 1999, listing sites in Nassau and Suffolk Counties, was obtained by Harris from the NYSDEC.

**LUST:** The Leaking Underground Storage Tank (LUST) Incident Reports contain an inventory of reported leaking underground storage tanks. The source of this data is the NYSDEC Spills Information Database. This database was provided by EDR and is current as of April 1, 1999.

**UST:** The Underground Storage Tank (UST) database contains information regarding registered USTs. USTs are regulated under Subtitle 1 of the Resource Conservation and Recovery Act (RCRA). The source of this data is the NYSDEC Petroleum Bulk Storage (PBS) database. This database was provided by EDR and is current as of April 1, 1999.

*State of New York Non-ASTM Records*

**SPILLS:** The Spills Information Database collects data on spills reported to NYSDEC. It includes information of spills since April 1, 1986. This database was provided by EDR and is current as of April 1, 1999.

#### 4.1.1 Specific Site Information

The following are descriptions of potentially contaminated sites within a one-mile radius of Northrop Grumman's Parcel X. These sites are either equal to or higher in elevation than Parcel X. Consequently, these contaminated sites may have adversely impacted this Northrop Grumman parking area. The following information is summarized in Table 1. The Overview Map depicting the following business locations can be found in the EDR Report in Appendix A.

- Citgo Service Station (formerly Bethpage Service Station) (Map ID#1)

Citgo Service Station, located at 515 Stewart Avenue, is a gasoline service station. This facility is situated approximately 0.125 miles east-southeast of, and topographically higher in elevation than, the project area. This site is listed on the NYSDEC UST database. The UST is a 500 gallon, steel tank with fiberglass reinforced plastic (FRP) containing waste oil. The tank (#0005) was installed in February of 1981 and is presently in-use. As this site is located east of Parcel X and the regional groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Son-Lew Laundry Center Inc. (Map ID#2)

Son-Lew Laundry Center Inc., located at 596 Stewart Avenue, is a dry cleaning business. This facility is situated approximately 0.125 miles northeast of, and topographically higher in elevation than, the project area. This site is listed on the USEPA's RCRIS-SQG database as a small quantity generator of hazardous wastes. However, no violations have been incurred by this operation. Furthermore, this site could not be located during a field reconnaissance of the area. Regardless, as this site is potentially located northeast of Parcel X and the regional groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Sunoco Service Station (Map ID#3)

Sunoco Service Station, located at 489 Stewart Avenue, is a gasoline service station. This facility is situated approximately 0.125 miles southeast of, and topographically higher in elevation than, the project area. This site is listed on the NYSDEC LUST database. According to available records, soil contamination was discovered on June 2, 1989 during an on-site tank removal. Approximately 2.5 cubic yards of contaminated soil was stockpiled and the excavation was deemed remediated. No groundwater contamination was reported. The spill site was determined remediated by the NYSDEC on June 9, 1989. Therefore, due to this NYSDEC determination and the location of this site being southeast of Parcel X, this property is not expected to impact Parcel X. It should be noted that the location of this business as diagramed on EDR's Overall Map in Appendix A is incorrect.

TABLE 1  
SITES LISTED ON FEDERAL AND STATE DATABASES

SITE NAME AND ADDRESS	FEDERAL DATABASES										STATE DATABASES			
	RCRIS-TSD	RCRIS-SQG	RCRIS-LQG	CERCLIS-NFRAP	CORRACT	ERNS	PADS	SHWS	LUST	UST	SPILLS			
Grumman Aerospace Corp. (A4)	✓		✓	✓	✓			✓	✓			✓		
RUCO Polymer							✓							
Naval Weapons Ind. Reserve Plant							✓							
Sunoco Service Station								✓						
James Bell Residence								✓						
Modern Air								✓						
Bethpage Public Library								✓						
Nynex Vehicle								✓						
Getty Service Station								✓				✓		
St. Martin of Toms Church								✓						
United Methodist Church								✓						
77 Brenner Ave. Residence								✓						
Citgo Service Station										✓				
Son-Low Laundry Center		✓												

SITE NAME AND ADDRESS	FEDERAL DATABASES							STATE DATABASES						
Bethpage Best Cleaners		✓												
LVF Contracting			✓											
Eastern Exterminating Company			✓											
JFK Junior High School													✓	
Nelson's Auto Repair								✓						
Bethpage Community Park														✓

Field reconnaissance determined the correct location of this business to be southwest of the Stewart Avenue/Lee Avenue intersection.

- Grumman Aerospace Corporation (Map ID#A)

Grumman Aerospace Corporation (currently Northrop Grumman), located at South Oyster Bay Road, was a government aircraft installation. The majority of this property is immediately west-northwest of Parcel X extending approximately 1 mile to the northwest. The small, adjacent, southeastern portion of the Northrop Grumman facility is a vacant parking lot which is the subject of this Environmental Site Assessment.

The Northrop Grumman facility as a whole is listed on the PADS, RCRIS-LQG, RCRIS-TSD, CORRACTS, CERC-NFRAP, LUST and NYSDEC *Registry of Inactive Hazardous Waste Disposal Sites* databases. The following is a summary of incidents recorded by these databases.

According to available records, on May 25, 1989 contaminated soil and groundwater were discovered during an UST test. This tank was subsequently removed and 10 yards of contaminated soil excavated on June 9, 1989. This spill case was determined closed by NYSDEC on June 9, 1989.

A spill occurred at this facility on April 16, 1991 which created a potential for fire or hazard. The spill was due to a leak in Northrop Grumman's 2,000 gallon underground steel tank (near roads and a building adjacent to the east side of Plant #3). Groundwater was contaminated as a result of the spill. Corrective actions were taken, the tank was removed, and monitoring wells were installed. The spill was determined closed by NYSDEC on April 6, 1998.

On July 12, 1993, a tank test failure revealed that a release had occurred which had a minimum potential for fire or hazard. This release had contaminated the groundwater. Corrective actions were taken including remediation of the area and removal of the contaminated soil. The tank was to be repaired and the case was closed by NYSDEC on July 27, 1993.

On June 16, 1996, an unknown delivery tank truck spilled its contents and contaminated the soil. The release was classified as having minimum potential for fire or hazard. Corrective actions were undertaken and the case was closed on February 5, 1998.

On June 30, 1997, a tank located at the southern end of Hanger 7, which contained wastewater from cleaning airplanes, failed a tank test. This release created a potential for fire or hazard and had contaminated the soil. Corrective actions were taken, however, this case has not yet been closed.

Due to the known contamination of the soil and groundwater and the documented partial-responsibility of groundwater contamination in the area according to the NYSDEC *Registry of Inactive Hazardous Waste Sites in New York State (April 1999)*, it is reasonable that this site may have impacted Parcel X since its location is northwest and upgradient of Parcel X.

- Bethpage Best Cleaners (Map ID#6)

Bethpage Best Cleaners, located at 360 Broadway, is a dry cleaning operation. The facility is situated approximately 0.125 - 0.25 miles east of, and topographically higher in elevation than, the project area. This site is listed on the RCRIS database as a small quantity generator of hazardous wastes. However, according to available records, this operation has not received any violations. As this site is located east of Parcel X and the regional groundwater flow is east-southeast, this property is not expected to impact the subject site.

- LVF Contracting (Map ID#7)

LVF Contracting, located at the intersection of Stewart and Lafayette Avenues, is a general contracting operation. This facility is situated approximately 0.125 - 0.25 miles south-southeast of, and topographically higher in elevation than, the project area. This site is listed on the RCRIS database as a large quantity generator of hazardous wastes. However, according to available records, this operation has not received any violations. As this site is located south-southeast of Parcel X and the regional groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Eastern Exterminating Company (Map ID#8)

Eastern Exterminating Company, located at 326 Broadway, is an exterminating operation. This facility is situated approximately 0.125 - 0.25 miles east-southeast of, and topographically higher in elevation than, the project area. This site is listed on the RCRIS database as a large quantity generator of hazardous wastes. However, according to available records, this operation has not received any violations. As this site is located east-southeast of Parcel X and the regional groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Residence of Mr. James Bell (Map ID#9)

Mr. James Bell's residence at 127 South First Street is listed on the NYSDEC's LUST database. This residence is situated approximately 0.25 - 0.5 miles north of, and topographically higher in elevation than, the project area. On April 19, 1995, it was reported that an oil tank in the basement was leaking a small amount of its contents onto the basement floor. Slomins Oil Company rectified the leaking storage tank. Corrective actions were taken and this case was deemed closed by NYSDEC on June 28, 1995. As

this case was closed by NYSDEC, the site is located north of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Modern Air (Map ID#10)

Modern Air is located at 281 Broadway. This facility is situated approximately 0.25 - 0.5 miles southeast of, and topographically higher in elevation than, the project area. This site is listed on the NYSDEC LUST database. On November 15, 1989, a UST installed in 1979 failed a tank test. It was determined that the UST leaked and contaminated the groundwater. The tank was repaired and retested and passed on February 2, 1990. Corrective actions were undertaken and the case was closed by NYSDEC on November 29, 1994. As this case was closed by NYSDEC, the site is located southeast of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Bethpage Public Library (Map ID#B)

The Bethpage Public Library, located at 47 Powell Avenue, is listed on the NYSDEC LUST database. This site is situated approximately 0.25 - 0.5 miles east of, and topographically higher in elevation than, the project area.

On August 19, 1987, groundwater contamination was discovered during a tank test. The leaking petrometer was repaired and the manway bushings were tightened allowing the system to pass its retest. The case was deemed closed by NYSDEC on October 3, 1988.

On March 3, 1993, groundwater contamination was revealed during a tank test. A bleeder was installed on the high end of the tank and the tank passed a retest on March 12, 1993. The case was deemed closed by NYSDEC on August 11, 1993.

As these cases were closed by NYSDEC, the site is located east of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Nynex Vehicle (Map ID#13)

Nynex Vehicle is located at the intersection of Sherman Avenue and South 6th Street and is listed on the NYSDEC LUST database. This site is situated approximately 0.25 - 0.5 miles northwest of, and topographically higher in elevation than, the project site. On March 17, 1994, a leak from a commercial vehicle occurred which spilled onto the roadway and was contained at the curb. Corrective actions were taken and the case was deemed closed by NYSDEC on March 18, 1994. As this case was closed by NYSDEC, the site is located northwest of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.



- Getty Service Station (Map ID#14)

Getty Service Station, located at 295 Central Avenue, is a gasoline service station. This facility is situated approximately 0.25 - 0.5 miles south-southeast of, and topographically higher in elevation than, the project site. This site is listed on the NYSDEC LUST and SPILLS databases. On August 28, 1991, a tank removal was performed during which soil and groundwater contamination was discovered. Contaminated soil was excavated and hauled off-site. This case was deemed closed by NYSDEC on October 30, 1997. As this case was closed by NYSDEC, the site is located south-southeast of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

- St. Martin of Toms Church (Map ID#15)

St. Martin of Toms Church, located at 40 Seaman Avenue, is listed on the NYSDEC LUST database. This site is situated approximately 0.25 - 0.5 miles southeast of, and topographically higher in elevation than, the project area. On April 29, 1988, groundwater contamination was discovered during a tank test. Cleanup measures were undertaken and the NYSDEC deemed the case closed on June 28, 1990. As this case was closed by NYSDEC, the site is located southeast of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

- United Methodist Church (Map ID#16)

United Methodist Church, located at 192 Broadway, is listed on the NYSDEC LUST database. This site is situated approximately 0.25 - 0.5 miles south-southeast of, and topographically higher in elevation than, the project area. On July 13, 1987, it was discovered that a 1,500 gallon UST was contaminating the groundwater. This tank and a 550 gallon UST were removed on October 16, 1987. Cleanup measures were undertaken and the NYSDEC deemed the case closed on October 19, 1987. As this case was closed by NYSDEC, the site is located south-southeast of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

- 77 Brenner Avenue Residence (Map ID#17)

The residence located at 77 Brenner Avenue is listed on the NYSDEC LUST database. This property is approximately 0.5 miles south-southwest of, and topographically higher in elevation than, the project area. On September 10, 1993, it was discovered that a 275 gallon tank was leaking onto the basement floor of the residence. Cleanup measures were undertaken which involved applying spill pads and pumping the tank. The tank was to be replaced and the NYSDEC deemed the case closed on September 13, 1993. As this case was closed by NYSDEC, the site is located south-southwest of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Naval Weapons Industrial Reserve Plant (Map ID#18)

The Naval Weapons Industrial Reserve Plant (NWIRP) is located approximately 1.0 mile northwest of, and topographically higher in elevation than, the project area. This site is bordered by South Oyster Bay Road to the west, Stewart Avenue to the northeast, and the Long Island Rail Road to the south. This site is listed on the NYSDEC Inactive Hazardous Waste Disposal Sites Registry as it was formerly part of the Grumman Aerospace - Bethpage Facility (site 130003), which has now been divided into two (2) sites: Site 130003A (Grumman Aerospace - Bethpage Facility) and Site 130003B (NWIRP). NWIRP's site categorization is Lagoon/Landfill. Hazardous wastes including trichloroethylene (TCE), tetrachloroethene (PCE), 1,1,1-trichloroethane, cyanide, and arsenic were disposed of at this facility between 1943 and 1987. These chemicals were stored in tanks and drums throughout the site which have leaked thereby contaminating the soil and groundwater. PCBs have been found in surface soils at levels up to 1,300 ppm, whereas groundwater levels of TCE have been reported at 58 ppm. A Remedial Investigation/Feasibility Study has been completed and the remediation proposed consists of 4 components: 1) soil vapor extraction/air sparging to remediate VOC-contaminated soils; 2) excavation and off-site treatment/disposal of PCB-contaminated soils; 3) excavation and treatment/disposal of arsenic contaminated soils; and 4) a Navy funded treatment system at the Bethpage Water District's Plant #5. The remedial design has begun and the Navy is working with Northrop Grumman on the groundwater remedy.

According to the NYSDEC *Registry of Inactive Hazardous Waste Sites in New York State: Volume 1 - Nassau and Suffolk Counties (April 1999)*, on-site groundwater is contaminated although it is not a potable water source. The depth to groundwater is approximately 55 feet. The adjoining Northrop Grumman site (#130003A) has implemented a pump and treatment system which is expected to reduce contaminant concentrations originating from both sites. Furthermore, off-site groundwater contamination has impacted two (2) downgradient public water supply wells and more are threatened. Water from these wells is treated for contaminants prior to its discharge into the public water supply system.

Due to known contamination of the soil and groundwater and the documented partial-responsibility of groundwater contamination in the area according to the NYSDEC *Registry of Inactive Hazardous Waste Sites in New York State (April 1999)*, it is reasonable that this site may have impacted Parcel X since its location is northwest and upgradient of Parcel X.

- RUCO Polymer Corporation (Hooker Chemical) (not mapped)

This site is located slightly over one mile northwest of the project area which is outside the ASTM approximate minimum search distance of one mile for the NYSDEC Registry of Inactive Hazardous Waste Disposal Sites. However, due to this site's listing on the

National Priorities List (NPL), it was included as a conservative measure for analysis in this east-southeast.

RUCO Polymer Corporation, located at 125 New South Road, was formerly a subsidiary of the Hooker Chemical Corporation and has been a manufacturer of plastics and synthetic materials since 1946. This site is listed on the NYSDEC Inactive Hazardous Waste Disposal Sites Registry and is categorized as a lagoon. RUCO Polymer Corp. had engaged in the on-site and off-site disposal of hazardous waste from 1946 to the late 1970s which has resulted in soil and groundwater contamination. Their manufacturing processes have contaminated the soil and groundwater with residual organics, 2-ethylhexanol, alcohols, diethylene glycol, ethylene glycol, plasticizer, adipic acid, polyester, polymer solids, vinyl chloride, trichloroethylene (TCE), and vinyl acetate. This site was placed on the NPL in 1984.

The on-site depth to groundwater is 50 feet. Although the on-site groundwater is not utilized as a potable water supply, these releases have contaminated downgradient public potable water supplies. In addition, three (3) inactive lagoons at the site were filled with waste and covered. From 1946 to 1978, the pilot plant used a heat transfer fluid which contained PCBs which subsequently contaminated the surrounding soils.

Currently, on-site soil and groundwater remediation is ongoing.

Due to known contamination of the soil and groundwater and the documented partial-responsibility of groundwater contamination in the area in the NYSDEC *Registry of Inactive Hazardous Waste Sites in New York State (April 1999)*, it is reasonable that this site may have impacted Parcel X since its location is northwest and upgradient of Parcel X.

- JFK Junior High School (not mapped)

JFK Junior High School is located on Broadway approximately 0.5 miles northeast of the project area. According to the NYSDEC UST database, this property has registered USTs on-site. No other information was available. As this site is located northeast of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Nelson's Auto Repairs (not mapped)

Nelson's Auto Repairs, located at 19 Seaman Avenue, is approximately 0.25 - 0.5 miles southeast of the project area. According to available records, this property is listed on the ERNS database which records and stores information on reported releases of oil and hazardous substances. No other information was available. As this site is located southeast of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

- Bethpage Community Park (not mapped)

Bethpage Community Park, located west of the Stewart Avenue and Cherry Avenue intersection, is approximately 0.75 miles north of the project area. According to the NYSDEC UST database, this property has a registered UST on-site. No other information was available. As this site is located north of Parcel X and groundwater flow is east-southeast, this property is not expected to impact the subject site.

#### 4.1.2 Sites With Unknown Locations

The following sites are listed in one or more of the previously mentioned databases; however, they could not be located due to inaccurate address information:

- J&S Transportation located on South Oyster Bay Road
- Nassau County Public Works located at 1 Powell House
- Town of Oyster Bay facility located on Stewart Avenue

#### 4.2 Additional Environmental Sources: State or Local

The Nassau County Department of Health (NCDH) was contacted to obtain information regarding potentially contaminated sites within and adjacent to the project area. The following is a compilation of information pertaining to three (3) historically contaminated sites: the Grumman Aerospace Corporation Plant #1, the Citgo Service Station (formerly Bethpage Service Station) located at 515 Stewart Avenue, and the Sunoco Service Station at 489 Stewart Avenue.

- Grumman Aerospace Corporation Plant #1 (Map ID#A)

In addition to the aforementioned information pertaining to this site, Plant #1 (located immediately northwest and adjacent to the subject parking area) housed many USTs and above-ground storage tanks (ASTs). Also, there were many hazardous waste chemical collection stations and bulk and container storage areas, one of which was located near the northwestern edge of the subject parking area next to Plant #1. According to an August 13, 1997 "Toxic or Hazardous Materials Storage Permit Renewal Application" prepared by Northrop Grumman, a 30-gallon tank containing 1,1,1-trichloroethane, which was used as a Branson ultrasonic cleaning tank, was removed from Plant #1. This steel tank was located on an impervious concrete floor and there were no floor drains inside the building. This tank was last used in 1995. According to a March 19, 1999 letter from NYSDEC to Northrop Grumman, one 2,000 gallon #2 fuel oil tank and one #6 fuel oil tank of unknown size were abandoned at Plant #1. The #6 fuel oil tank was abandoned and filled with sand. These tanks were formerly used for on-site space heating and/or water heating until the plant changed to central steam in the 1970s, at which time these tanks were no longer in-use.

Plant #1 also had an outside paint thinner and halogenated solvents storage area. Included in this area were solvent storage tanks, specifically Tank #T-1111 which contained a chrome-colored liquid. On December 20, 1996, one 1,000 gallon #2 fuel oil tank was removed.

Due to this and previously mentioned information, it is reasonable that this site may have impacted Parcel X.

- Citgo Service Station (formerly Bethpage Service Station) (Map ID#1)

Citgo Service Station, located at 515 Stewart Avenue, is a gasoline service station. This facility operates one 6,000 gallon super gasoline UST, one 8,000 gallon unleaded plus gasoline UST, one 8,000 gallon unleaded gasoline UST, one 1,000 gallon #2 heating oil UST, and one 500 gallon waste oil UST.

According to an NCDH "Air Quality Management Complaint Intake Form" dated September 9, 1991, the Texaco Service Station previously operating at this location, experienced very strong gasoline fumes outside the building. It was determined that this was due to product being switched in two (2) tanks. The odor problem was subsequently resolved.

According to an NCDH "Certificate to Operate - Stage II" dated July 30, 1991, this facility had three (3) unleaded gasoline USTs installed in June 1984.

On November 17, 1992, this facility was connected to the public sewer system. At this time, the on-site cesspool/septic tank was pumped and backfilled. Approximately 3,000 gallons of water was removed and transported by an approved waste disposal carrier to Bay Park Sewage Treatment Plant for disposal. It was also determined that the floor drains were sealed 1.5 years ago.

An NCDH violation letter was issued to this facility on December 12, 1997, as the USTs' leakage tests were overdue.

Due to this and previously mentioned information, this site is not expected to have impacted Parcel X.

- Sunoco Service Station (Map ID#3)

Sunoco Service Station, located at 489 Stewart Avenue, is a gasoline service station. This facility operates four 6,000 gallon unleaded gasoline USTs, one 1,000 gallon heating oil UST, one 1,000 gallon waste oil UST, one 275 gallon #2 fuel oil UST, and one 275 gallon waste oil UST.

On November 10, 1991, gasoline was discovered in a tank field observation well. The following pollutant levels were observed: total organic carbon (TOC) at 703,000 ug/kg; arsenic at 66 mg/kg; cadmium at 35 mg/kg; chromium at 190 mg/kg; and lead at 2,300 mg/kg. At this time, the USEPA required a Phase III contamination investigation and remedial action. Also, one drum containing black sludge was removed. A NYSDEC letter to Sunoco dated May 5, 1992, stated that lab results indicated that benzene-toluene-ethylbenzene-xylene (BTEX) and methyl tert butyl ether (MTBE) plumes have migrated beyond the Sunoco property. The NYSDEC then requested that additional wells be installed to define the extent of contamination and that a monitoring program be implemented.

A USEPA letter dated April 5, 1993 approved an alternative closure plan involving a contaminated drywell. The on-site floor drain and drywell have been contaminated with VOCs and metals. A building addition was constructed directly over the contaminated drywell and most of the sludge and contaminated soil could not be removed at that time. The alternative closure plan required removal of waste liquid and sludge from the drywell without the removal of excessive soil which would endanger the structural integrity of the overlying structure. In addition, the well was to be filled with concrete.

The NCDH issued a violation letter to Sunoco dated July 10, 1997 as their permit to operate a 275 gallon waste oil tank expired August 1, 1993; the waste oil tank didn't have an overfill alarm for thru wall operation; and, the waste oil tank did not have a gauge.

As this site is located south-southeast of Parcel X and the regional groundwater flow is to the east-southeast, this site is not expected to impact the subject site.

#### 4.3 *Physical Setting Source(s)*

The photorevised 1979 Huntington, Amityville, Freeport, and Hicksville, New York United States Geological Survey (USGS) 7.5 Minute Quadrangle Maps were reviewed. These maps indicated that the project area is located within the southeastern portion of the Grumman - Bethpage Airfield (i.e., Grumman Aerospace Corporation, Northrop Grumman Corporation) property. Specifically, the project area is located at the northern terminus of North Sheridan Avenue approximately 800 feet northwest of the Stewart Avenue/Long Island Rail Road intersection. The majority of the area surrounding the Northrop Grumman property is residential with interspersed schools and parks. There is also a small commercial/retail area immediately northeast of the Stewart Avenue/LIRR intersection which extends along Stewart Avenue. The Long Island Rail Road Ronkonoma Branch runs southeast/northwest immediately north of the project area with the existing Bethpage Station located in the northeast quadrant of the Stewart Avenue/LIRR intersection. The topography of the area ranges from approximately 130 feet above mean sea level (msl) at the northwestern portion of the Northrop Grumman property, to approximately 110 feet above msl at the subject parking lot, to approximately 100 feet above msl in the general

vicinity of the existing Bethpage Station. Furthermore, there are numerous recharge basins adjacent to Harrison Avenue within the Northrop Grumman property and one sump north of Burkhardt Avenue between South Second and South Third streets.

#### *4.4 Historical Use Information*

The historical use(s) of the Northrop Grumman parking area for which this Phase I Environmental Site Assessment is being prepared was determined through reviewing USGS 7.5 Minute Topographic Quadrangle Maps, aerial photography, Sanborn Fire Insurance Maps, and interviews with a Northrop Grumman Real Estate Analyst and the Bethpage Fire District Secretary. Historical sites of concern within the surrounding areas were also reviewed to determine the potential for soil or groundwater contamination from off-site sources.

##### *4.4.1 USGS 7.5 Minute Topographic Map Review*

The area contained within a one mile radius around the subject Northrop Grumman parking area consists of four (4) USGS Quadrangles: Huntington, Amityville, Freeport, and Hicksville, New York. The actual parking lot project area is located on the Huntington, N.Y. USGS quadrangle. The Huntington, N.Y. USGS quadrangles were reviewed for the years 1903 (USGS quadrangle then called Northport, N.Y.), 1954, 1967, and 1979. The Amityville, N.Y. USGS quadrangles were reviewed for the years 1901 (USGS quadrangle then called Babylon, N.Y.), 1954, 1969, and 1979. The Freeport, N.Y. USGS quadrangles were reviewed for 1897 (USGS quadrangle then called Hempstead, N.Y.), 1955, 1969, and 1979. The Hicksville, N.Y. USGS quadrangles were reviewed for 1954, 1967 and 1979 (the earlier USGS Oyster Bay, N.Y. quadrangle was not available).

Review of the 1903 Northport, N.Y. USGS quadrangle, the 1901 Babylon, N.Y. USGS quadrangle, and the 1897 Hempstead, N.Y. USGS quadrangle revealed that the area was mostly undeveloped/rural with only a handful of buildings located along Central Avenue and Stewart Avenue. Furthermore, Bethpage at that time was known as Central Park and the only industrial/commercial operation within a mile of the project area was the LIRR Ronkonoma Branch (then known as the Hempstead Branch). The land which is presently occupied by the Grumman Aerospace Corporation, including the subject parking area, was undeveloped.

Review of the 1954 Huntington, N.Y. USGS quadrangle, the 1954 Amityville, N.Y. USGS quadrangle, the 1955 Freeport, N.Y. USGS quadrangle, and the 1954 Hicksville, N.Y. USGS quadrangle revealed that the area became more densely populated as indicated by the many roads which appear on the maps. The town of Central Park had then been renamed Bethpage. The surrounding area is mostly residential except for commercial/retail areas immediately to the east of the Stewart Avenue/LIRR intersection. In addition, the Grumman Aerospace Corporation property exists at the location it occupies

today. A water tower is shown near the subject parking area. The Bethpage Station is depicted on the quadrangle although it is located southeast of, and on the opposite side of the tracks, from its present location. The Bethpage State Parkway now exists along the corridor of the former Massatayun Creek approximately one (1) mile southeast of the project area.

Review of the 1967 Huntington, N.Y. USGS quadrangle, the 1969 Amityville, N.Y. USGS quadrangle, the 1969 Freeport, N.Y. USGS quadrangle, and the 1967 Hicksville, N.Y. USGS quadrangle revealed continued residential growth in the surrounding areas of the project site and continued industrial growth within the Grumman - Bethpage Airfield. The subject parking area still exists although the adjacent water tower is no longer shown on the quadrangle. In addition, the Bethpage Station has moved to its present location at the northeast corner of the Stewart Avenue/LIRR intersection. The Seaford-Oyster Bay Expressway (Route 135) has been constructed approximately 3,000 feet east of the project area.

Review of the 1979 Huntington, N.Y. USGS quadrangle, the 1979 Amityville, N.Y. USGS quadrangle, the 1979 Freeport, N.Y. USGS quadrangle, and the 1979 Hicksville, N.Y. USGS quadrangle revealed no significant changes from the previous 1967 and 1969 USGS quadrangles. The residential density of the area remained relatively the same as that in 1967 and 1969, although Northrop Grumman did experience some additional construction throughout its property.

#### *4.4.2 Aerial Photography*

Aerial photography was reviewed for the project area to determine whether any historical land uses within or adjacent to the project area could have potentially contaminated the subject parking area. The aerial photos reviewed were for the late-1930s; 1945; December 2, 1953; March 8, 1966; March 14, 1974; April 7, 1980; and April 8, 1994.

The late-1930s aerial photograph of the Northrop Grumman property and its adjacent area showed two (2) non-paved airstrips and the Northrop Grumman Plant #1 building with adjacent parking. The eastern portion of this parking lot is the subject parking area of this Environmental Site Assessment. The LIRR Ronkonoma Branch corridor is aligned southeast/northwest through the area. Surrounding the Northrop Grumman property are many farm fields with interspersed residential units (approximately 10% developed). Specifically, some residential units are located along Central Avenue with many farms south of this roadway. Also, North Sheridan Avenue, Jackson Avenue, Lee Avenue, and Lafayette Avenue are located immediately southeast of the Northrop Grumman property with residents interspersed throughout. A large water tower is located southeast of the Northrop Grumman parking area between Jackson Avenue and the LIRR.



The 1945 aerial photograph did not indicate much significant change from the late-1930s aerial photograph. The amount of farm fields and residential units remained relatively the same (approximately 15% developed). Recharge basins are now observed within the Northrop Grumman property north of Harrison Avenue.

The 1953 aerial photograph depicts some increase in the amount of industrial development within the Northrop Grumman property and a significant increase in the amount of residential development within the surrounding area (approximately 30% developed). A water tank can be observed near the southeastern side of Plant #1 just south of the LIRR. The Bethpage Station is located to the southeast of its present location.

The 1966 aerial photograph shows some increase in the amount of industrial development within the Northrop Grumman property. The parking area on the southwestern side of Plant #1 has been expanded, a couple of additional buildings were constructed to the northwest of Plant #1 where aircraft parking was also converted to vehicular parking, and additional parking was also constructed to the west of the runways. This aerial also indicates that the most significant increase in the amount of residential development in the surrounding area took place during this period (approximately 75% developed). The water tower between Jackson Avenue and the LIRR is no longer present, the Bethpage Station is now located in the northeast corner of the Stewart Avenue/LIRR intersection (its present location), the strip mall is now located to the northeast of that same intersection, and Route 135 is now located approximately 3,000 feet east of the subject parking area.

The 1974 aerial photograph indicated only a minor increase, from the 1966 aerial, in the amount of development within the Northrop Grumman property and the surrounding area. The parking area southwest of Plant #1 was expanded to the southeast where the terminus of runway 28 was formerly located with access provided to Central Avenue by Grumman Road East. The surrounding residential area underwent only a minor increase in development (approximately 85% developed).

The 1980 aerial photograph did not depict significant change from the 1974 aerial photograph. The Northrop Grumman property remained relatively the same (the parking area southwest of Plant #1 was expanded to the northwest) and the surrounding residential area underwent only minor modifications (approximately 90% developed).

The 1994 aerial photograph did not depict significant change from the 1980 aerial photograph. The Northrop Grumman property and the surrounding residential development remained relatively constant (approximately 90% developed). Residential units are now observed on the north side of Jackson Avenue near the former water tower's water house.

#### 4.4.3 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps produced by the Sanborn Map Company of Pelham, New York were obtained from EDR for the years 1950 and 1965. These maps document the use of properties within areas of commercial development and high density land use and provide information regarding potentially historical sites of concern. Such sites may have contaminated the soil or groundwater of the subject parking area within the Northrop Grumman property.

The 1950 Sanborn Map of the project area does not indicate any source of potential contamination within or adjacent to the subject parking area. The Central Park (now Bethpage) Water District pumping station, water tower, and associated buildings are located between the LIRR and Jackson Avenue immediately southeast of the project area.

The 1965 Sanborn Map of the project area does not show any significant change from the 1950 Sanborn Map although the surrounding residential area has become more developed. The Bethpage Water District pumping station and support building are located between Jackson Avenue and the LIRR, although the water tower no longer exists. Furthermore, a gas station (presently Citgo) is now located in the northwestern corner of the Stewart Avenue/Benkert Avenue intersection, a sump is located along Burkhardt Avenue between South Second and South Third streets, a strip mall is located northeast of the Stewart Avenue/LIRR intersection, and a dry cleaning operation is located in the northwest corner of the Broadway/Benkert Avenue intersection.

## 5.0 Information from Site Reconnaissance and Interviews

A site reconnaissance of the subject Northrop Grumman Parcel X and adjacent areas was performed by Harris staff scientists on November 3, 1999. A Northrop Grumman Corporate Real Estate Analyst accompanied Harris personnel during the site visit in which potentially contaminated conditions were investigated. Conditions which potentially indicate contamination include stressed vegetation, stained pavement or soil, odors, unnatural mounds or excavations, colored waterways, monitoring wells, etc. The Bethpage Fire Department serves the Northrop Grumman property and is located at the corner of Central Avenue and Broadway Avenue. The Fire District Secretary was also interviewed concerning any known contamination incidents at the Northrop Grumman property.

Northrop Grumman is in the process of selling the majority of its real estate as they are reducing operations in Bethpage. However, a few of the Northrop Grumman buildings will remain (including Plant #1) as will the Navy property (NWIRP) adjacent to Northrop Grumman, north of the LIRR. The remaining land has been sold, or is in the process of being sold, for office parks, commercial or residential uses (see Figure 3). During the site visit, it was observed that the two (2) Northrop Grumman airport runways no longer exist as they have been replaced with Grumman Road East and Grumman Road West. Grumman Road East provides access from Central Avenue to a new townhouse development called Sunnyslane of Bethpage, located on former Northrop Grumman property south of the subject parking area. Grumman Road West provides access from South Oyster Bay Road to the new office parks located on former Northrop Grumman property west of the subject parking area. These office parks include Lilly Popcorn, Goya Foods, Steal-Los III, and Jaguar Properties. The subject parking area, Parcel X, for which this Phase 1 Environmental Site Assessment is being prepared consists of the 2.58 eastern acres of the Plant #1 parking area (See Figure 2). The LIRR is proposing to purchase this parcel from Northrop Grumman to be used as a parking lot as part of the LIRR Bethpage Station Rehabilitation Project.

### 5.1 Hazardous Substances in Connection with Identified Uses

Through interviews with the aforementioned sources, it was learned that the Grumman Aerospace Corporation began manufacturing Navy aircraft in 1939 with Plant #1 being the first Grumman building in Bethpage. Prior to Northrop Grumman's purchase of this property, this entire area was used for agriculture, specifically by Looney's Potato Farm. The subject parking area has been a parking area since the construction of Plant #1. No structures or other use have occurred at this site.

The majority of the Northrop Grumman facility is to the immediate northwest of Parcel X, as is the NWIRP and RUCO Polymer Corporation on the northern side of the LIRR. The majority of the surrounding land use is residential with some commercial land uses to the east of Stewart Avenue. The topography of the project area and surrounding vicinity is

relatively flat with a slight slope to the southeast. In addition, the groundwater flow for the area has been determined to flow east-southeast as previously mentioned in this document. Although Northrop Grumman is in the process of selling the majority of its real estate, it has been determined that the Northrop Grumman facility, NWIRP, and RUCO Polymer Corporation have contaminated the area's groundwater, including (2) downgradient public water supply wells to the southeast. Each of these facilities has remediated, or is in the process of remediating, their on-site contaminated soil and contaminated groundwater.

Parcel X is only accessible by vehicle from Grumman Road West and the Plant #1 property. North Sheridan Road and Jackson Avenue no longer provide access to this parking area as they are now strictly utilized for residential purposes. Parcel X is not a consumer of potable water due to its inherent nature. However, the surrounding area is served by the Bethpage Water District. A water tower, pump station, and storage building once located between Jackson Avenue and the LIRR provided potable water to this area. However, as previously mentioned in this document, this groundwater well has become contaminated and has therefore been closed and the water tower removed.

There is no sewage disposal system which serves Parcel X due to its utilization as a parking area. However, the adjacent Plant #1 property has a sanitary sewer system served by Nassau County. Furthermore, two 8-inch water mains run underneath the parking area, one within a 20-foot wide easement.

The LIRR Ronkonkoma Branch is located adjacent to the northeastern boundary of Parcel X. Although this LIRR facility is not listed on any database, it should be noted that railroad beds by nature have an inherent potential for containing hazardous substances such as petroleum, greases, and other locomotive fluids due to railroad car utilization and maintenance.

## *5.2 Hazardous Substance Containers, Unidentified Substance Containers, and Storage Tanks*

Parcel X does not have, nor ever contained, any underground or aboveground storage tanks. Furthermore, no containers containing hazardous or unidentified substances were located within the subject property during the site visit. However, Plant #1, which is upgradient of the subject property, has had many underground and aboveground storage tanks, bulk and container storage areas, and hazardous waste chemical collection stations. In addition, NWIRP and RUCO Polymer Corporation, both of which are upgradient of the subject property, have also contaminated the soil and groundwater. As has been previously mentioned, the groundwater of the region flows east-southeast and therefore Northrop Grumman, NWIRP, and RUCO Polymer Corporation have been determined to be potentially responsible for groundwater contamination of the area, including the

contamination and closure of the Bethpage Water District well located immediately southeast of the subject parking area.

The Citgo Service Station located approximately 790 feet to the east of Parcel X has registered USTs on-site. However, no pollution violations or any other indication of potential contamination were found for this site. The Sunoco Service Station, located approximately 920 feet to the southeast of Parcel X, has documented leaking USTs (LUST) as mentioned in the previous sections contributing to on- and off-site groundwater and soil contamination.

### *5.3 Site and Surrounding Area Characteristics*

No surface waterbodies including pits, ponds, or lagoons are located within Parcel X. However, recharge basins are located to the southwest of the parking area within the Northrop Grumman property immediately north of Harrison Avenue. Furthermore, a sump (detention basin) is located within the residential area north of the LIRR, specifically between South Second and South Third streets along Burkhardt Avenue.

During the site visit, the pavement was noticeably stained in some areas of the parking lot due to automotive fluids. However, no stained soil or stressed vegetation was observed within the periphery of the parking lot. No unnatural mounds or depressions were observed within the parking lot or its general vicinity which sometimes suggests solid or hazardous waste disposal.

Two stormwater drains were observed in the northwest portion of the parking lot. These stormwater drains are located on the portion of the parking area which will remain as Northrop Grumman property. In the interview with the Northrop Grumman Real Estate Analyst, it was learned that the parking area and Plant #1 have a common drainage system. Stormwater from these areas discharge to the recharge basins located adjacent to Harrison Avenue to the southwest.

No dry wells, irrigation wells, injection wells, or abandoned wells were observed within Parcel X during the site visit. A monitoring well is located within Parcel X. It was determined from the NYSDEC that a leaking UST from Plant #1 that once stored fuel may have potentially contaminated the area. Therefore, as part of an on-going Interim Remedial Measure (IRM) and a long-term groundwater monitoring plan, a groundwater monitoring well was installed to measure VOCs. The previous 4 sampling analyses indicated that VOC levels have not exceeded the New York State Department of Environmental Conservation Ambient Water Quality Standards and therefore groundwater contamination is not believed to exist. Regardless, 3 additional groundwater monitoring wells (GM-15S, GM-15D and GM-15D2) are planned to be installed near GM-15I as part of the long-term groundwater monitoring plan and IRM to monitor for VOCs.

There is an abandoned potable groundwater well located to the east of the parking area between Jackson Avenue and the LIRR which was formerly owned and operated by the Bethpage Water District.

No on-site septic systems or cesspools were observed within Parcel X during the site visit.

#### *5.4 Indications of PCBs*

No electrical or hydraulic equipment likely to contain PCBs were observed within Parcel X. However, an electrical transformer is located adjacent to the northeast corner of the parking area within the LIRR right-of-way. This transformer is utilized to operate the LIRR's electric railroad tracks and may potentially contain PCBs.

#### *5.5 Indications of Solid Waste Disposal*

No unnatural mounds, depressions or illegal dumps, which sometimes suggests solid waste disposal, were observed within Parcel X or its general vicinity.

#### *5.6 Other Useful Environmental Documents*

*A Phase 1 Environmental Assessment: Grumman Corporation, Parcel X in Bethpage, New York 11714* dated November 10, 1999 and prepared by Environmental Resources Management (ERM) of Woodbury, New York exclusively for the Northrop Grumman Corporation was reviewed. This report states that no Recognized Environmental Condition (REC) exists at Parcel X.

Excerpts of the following reports as provided in the ERM Grumman Corporation - Phase 1 Environmental Assessment for Parcel X (November 10, 1999) were reviewed:

- "Remedial Investigation Report - Grumman Aerospace Corporation, Bethpage, New York". September 1994. Prepared by Geraghty & Miller, Inc. of Plainview, New York.
- "Ground-Water Quality in the Bethpage-Hicksville-Levittown Area, Long Island, New York. With Emphasis on Volatile Organic Compounds." 1992. United States Geological Survey, Water Resources Investigations, Report 90-4182.
- "Final Remedial Investigation Report, Naval Weapons Industrial Reserve Plant, Bethpage, New York". May 1992. Prepared by Halliburton NUS Environmental Corporation of Pittsburgh, Pennsylvania.

- "Feasibility Study Report for Naval Weapons Industrial Reserve Plant, Bethpage, New York". March 1994. Prepared by Halliburton NUS Corporation of Wayne, Pennsylvania.
- "Phase 2 Remedial Investigation Report for Naval Weapons Industrial Reserve Plant, Bethpage, New York". October 1993. Prepared by Halliburton NUS Corporation of Wayne, Pennsylvania.

As Harris only reviewed portions of these reports, no conclusive information could be obtained from them. However, reviewable information contained within these report excerpts seem to substantiate our findings as provided in this environmental assessment.

## 6.0 Conclusions and Recommendations

This Phase 1 Environmental Site Assessment is being prepared for the LIRR in conjunction with their potential purchase of the eastern 2.58 acres of the southeastern Northrop Grumman parking area - Parcel X. Parcel X is to be used by the LIRR to provide additional customer parking as part of the Bethpage Station Reconstruction Project in Bethpage, New York. In addition to this proposed additional parking, a new Bethpage Station is proposed at the southwest corner of the Stewart Avenue/LIRR intersection. In addition, two (2) pedestrian bridges over the LIRR tracks are proposed to provide pedestrian access between Railroad Avenue and the proposed Bethpage Station and associated parking area.

Although 20 sites of concern were identified within a one (1) mile radius of the project area, only three (3) sites may have potentially adversely impacted Parcel X due to contamination of on-site soil or groundwater. These three (3) sites are the Northrop Grumman Corporation, NWIRP, and RUCO Polymer Corporation properties which are located northwest of, and topographically higher in elevation than, the subject parking area. The remaining 17 properties do not pose a threat to the project area as these sites are either located hydrologically downgradient of the project area or their cases have been deemed closed by NYSDEC and therefore no longer pose a threat to the surrounding area. Furthermore, prior geotechnical studies have determined that the topography of the area slopes slightly to the east and the groundwater flow is to the east-southeast. As the majority of these sites are to the east and southeast, any of these sites which still have soil or groundwater contamination do not pose a threat to Parcel X as potential groundwater migration would be to the east-southeast, away from Parcel X.

Northrop Grumman, NWIRP, and RUCO Polymer Corporation are responsible for on-site and off-site soil and groundwater contamination of the area as evidenced by their listing in databases researched for this report, specifically the NYSDEC *Registry of Inactive Hazardous Waste Disposal Sites* (April 1999). Groundwater monitoring well GM-15I located within Parcel X has not detected VOC levels exceeding the New York State Department of Environmental Conservation Ambient Water Quality Standards. Therefore, groundwater contamination is not believed to currently exist within Parcel X. However, three additional groundwater monitoring wells (GM-15S, GM-15D and GM-15D2) are to be installed near GM-15I as part of the Interim Remedial Measure and long-term groundwater monitoring plan for the area. As such, although Parcel X is believed to be currently free of groundwater contamination, it cannot be guaranteed that future contamination would not be detected. Therefore, it is recommended that the LIRR write into its purchase agreement with Northrop Grumman that Northrop Grumman would be responsible for any future groundwater contamination discovered within Parcel X.



Regarding potential soil contamination, the Phase 1 Environmental Assessment for Parcel X prepared by ERM determined that a Recognized Environmental Condition (REC) does not exist at Parcel X. Nevertheless, the parcel is in proximity to historic contamination from the Northrop Grumman Corporation (Parcel X owners), NWIRP, and RUCO Polymer Corporation properties. However, since the use of the property from the 1930s has been a parking lot, it is reasonable to assume that neither the contamination associated with the nearby properties nor any other unknown contamination exists in the soil at the parcel. Furthermore, there is no current evidence of possible soil contamination leaching into the parcel's underlying groundwater. Therefore, based on the existing information and the fact that the LIRR intends to purchase the property for continued use as a parking lot, no soil sampling is recommended.

## **7.0 Qualifications of Environmental Professionals Participating in Phase 1 Environmental Site Assessment**

### ***Christine Tiernan* - Environmental Manager**

MA - Limnology/Oceanography - Western Connecticut State University, 1997

BA - Environmental Studies - SUNY, Binghamton, 1986

14 years experience in environmental impact statements, environmental assessments, wetland delineations, impacts and mitigation, site feasibility studies, master planning, threatened and endangered species investigations, wildlife mitigation plans, vegetation surveys and environmental permitting at the local, state and federal levels.

### ***Paul F. Giovanelli, P.E.* - Director-Hazardous Waste Programs**

MSIA, Industrial Administration (Business), 1983, Purdue University, NY

ME, Environmental Engineering, 1973, Manhattan College, NY

BchE, Chemical Engineering, 1972, Manhattan College, NY

25 years of experience in managing and marketing hazardous waste and environmental programs. Recent work involves program and project management for hazardous waste assessments, environmental compliance audits, environmental permitting, environmental studies at hazardous waste sites, development of action plans, Interim Response Measures (IRM) and design of remedial actions at hazardous waste and Superfund sites throughout the Northeast.

### ***Timothy M. Hand* - Senior Environmental Scientist**

MS - Environmental Science - Rutgers University, 1995

BS - Biology - College of Mount Saint Vincent, 1986

14 years experience on transportation and site development projects involving the preparation of environmental assessments and impact statements; performing wetland delineations; conducting natural resources surveys; preparing and filing of environmental permit applications at the federal, state, and local level; and providing sound and practical mitigation alternatives including creation and restoration of wetlands.

### ***Michael J. Folli* - Environmental Scientist**

BS, Environmental Science, Cook College, Rutgers University, 1995.

Minor, Natural Resource Management, Cook College, Rutgers University, 1995.

4 years experience in wetland delineations, environmental assessment/impact statements, water quality analysis, environmental permitting, hazardous waste screening data collection and analysis, soil and root profiles, vegetative restoration, ecological research, and GIS analysis.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**GRUMMAN AEROSPACE CORP (Continued)**

**1000300847**

**RCRIS:**

Owner: NORTHROP GRUMMAN CORP  
 (516) 575-4680

Contact: JOHN COFMAN  
 (516) 575-4680

Record Date: 12/24/1996

Classification: Large Quantity Generator, TSD, Hazardous Waste Transporter

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	152775.63	D002	92205884.00
D003	1045.00	D004	120905.00
D005	31755.00	D006	756029.00
D007	97949269.00	D008	1001954.25
D009	61747.00	D010	120905.00
D011	99330.00	D016	300.00
D018	14020.25	D019	7650.00
D022	300.00	D026	975.00
D028	1600.00	D029	195024.00
D035	249924.00	D038	225.00
D039	64315.00	D040	55850.00
F001	12575.00	F002	382499.00
F003	260394.00	F004	975.00
F005	352149.00	F006	175000.00
F019	188820.00	P012	1455.00
U134	910.00	U135	10.00
U144	1455.00	U154	10265.39
U196	225.00	U223	200.00
U279	300.00		

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: Violation information exist

There are 5 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	02/05/1997
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	02/22/1993
Compliance Evaluation Inspection (CEI)	TSD-Land Ban Requirements	09/25/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/08/1989
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	

**NY MANIFEST**

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

GRUMMAN AEROSPACE CORP (Continued)

1000300847

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)  
Enforcement Docket System (DOCKET)  
Federal Facility Information System (FFIS)  
PCB Handler Activity Data System (PADS)  
Permit Compliance System (PCS)

LUST:

Spill Number:	9100585	Region of Spill:	1
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	PARISH WELL	SWIS:	28
Caller Name:	JOHN AULMAN	Caller Agency:	GRUMMAN
Caller Phone:	(516) 575-2385	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	GRUMMAN		
Spiller Address:	Not reported		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	04/06/1998	Resource Affected:	Groundwater
Spill Cause:	Tank Failure	Spill Source:	Other Commercial/Industrial
Water Affected:	Not reported	PBS Number:	Not reported
Spill Notifier:	Responsible Party	Reported to Dept:	04/16/1991 09:35
Spill Date:	04/16/1991 09:00		
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	True		
Recommended Penalty:	No Penalty		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	False		
Spill Record Last Update:	04/07/1998		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	04/17/1991		
Date Region Sent Summary to Central Office:	Not reported		
DEC Remarks:	MW'S INSTALLED AND MONITORED. NO OTHER ACTION		
Spill Cause:	GRUMMANS 2K U/G STEEL TANK HAS UNACCOUNTABLE INVENTORY LOSS. MPC TO PULL TANK. TANK TESTED LAST YEAR & PASSED.(ROADS & GROUND BUILDING( OFF EAST END OF PLANT #3		
Spill Number:	8901927	Region of Spill:	1
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	LEUNG	SWIS:	28
Caller Name:	DAN NEILEY	Caller Agency:	GEN. UTILITIES
Caller Phone:	(516) 349-8989	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	GRUMMAN		
Spiller Address:	Not reported		
Spill Class:	Not reported		
Spill Closed Dt:	06/09/1989	Resource Affected:	Groundwater
Spill Cause:	Tank Test Failure		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

GRUMMAN AEROSPACE CORP (Continued)

1000300847

Water Affected: Not reported  
Spill Notifier: Tank Tester  
Spill Date: 05/25/1989 12:00  
Cleanup Ceased: 06/09/1989  
Last Inspection: Not reported  
Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: True  
Spill Record Last Update: 06/12/1989  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 05/29/1989  
Date Region Sent Summary to Central Office: Not reported  
DEC Remarks: 06/09/89: TANK WAS REMOVED BY GENERAL UTILITIES ON 6/9/89. 10 YDS CONT S OIL WAS EXCAVATED. SPILL CAN BE CLOSED PENDING DISPOSAL OF SOIL.  
Spill Cause: WILL RETEST.

Spill Number: 9304538  
Facility Contact: Not reported  
Investigator: GIBBONS  
Caller Name: JOHN SELVA  
Caller Phone: (516) 575-8176  
Notifier Name: Not reported  
Notifier Phone: Not reported  
Spiller Contact: Not reported  
Spiller: GRUMMAN AERO  
Spiller Address: Not reported  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response: Willing Responsible Party. Corrective action taken.

Spill Closed Dt: 07/27/1993  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Notifier: Affected Persons  
Spill Date: 07/12/1993 08:00  
Cleanup Ceased: 07/27/1993  
Last Inspection: Not reported  
Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: True  
Spill Record Last Update: 07/28/1993  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 07/15/1993  
Date Region Sent Summary to Central Office: Not reported  
DEC Remarks: 07/27/93: SAME AS 93-04043.  
Spill Cause: F&N TESTED TANK LEFT TANK TOPPED OFF, EXPANDED AND LEAKED INTO FILL BOX AREA BEING CLEANED UP AND SOIL REMOVED. LEVEL OF TANK LOWERED, 1-6K TOP TO BE EXPOSED LATER FOR TANK TEST REPAIRS

Spill Number: 9703880  
Facility Contact: Not reported  
Region of Spill: 1  
Facility Tele: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

GRUMMAN AEROSPACE CORP (Continued)

1000300847

Investigator: T/T/F SWIS: 28  
Caller Name: TOM LAVIN Caller Agency: CROMPCO  
Caller Phone: (800) 646-3161 Caller Extension: Not reported  
Notifier Name: NICK CAVALIER Notifier Agency: CROMPCO  
Notifier Phone: (800) 646-3161 Notifier Extension: Not reported  
Spiller Contact: Not reported Spiller Phone: Not reported  
Spiller: GRUMMAN AIRPORT  
Spiller Address: OYSTER BAY ROAD  
BETHPAGE, NY  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: Not reported  
Spill Cause: Tank Test Failure Resource Affected: On Land  
Water Affected: Not reported Spill Source: Other Commercial/Industrial  
Spill Notifier: Other PBS Number: Not reported  
Spill Date: 06/30/1997 13:30 Reported to Dept: 06/30/1997 13:41  
Cleanup Ceased: Not reported  
Last Inspection: Not reported  
Cleanup Meets Standard: False  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: False  
Spill Record Last Update: 07/01/1997  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 06/30/1997  
Date Region Sent Summary to Central Office: Not reported  
DEC Remarks: Not reported  
Spill Cause: HANGER 7. TANK AT SOUTH END OF HANGER. CONTAINS WASTEWATER FROM CLEANING OF AIRPLANES. CALLER'S AGENCY PERFORMED THE TEST ON BEHALF OF TYREE ORGANIZATION. GINA CONSTANTINI, (516) 249-3150. TYREE TO BE NOTIFIED BY CALLER.  
Spill Number: 9703903 Region of Spill: 1  
Facility Contact: Not reported Facility Tele: Not reported  
Investigator: T/T/F SWIS: 28  
Caller Name: TOM LAVIN Caller Agency: CROMPCO  
Caller Phone: (610) 278-7203 Caller Extension: Not reported  
Notifier Name: TOM LAVIN Notifier Agency: CROMPCO  
Notifier Phone: (610) 278-7203 Notifier Extension: Not reported  
Spiller Contact: Not reported Spiller Phone: Not reported  
Spiller: GRUMMAN AEROSPACE  
Spiller Address: Not reported  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: Not reported  
Spill Cause: Tank Test Failure Resource Affected: On Land  
Water Affected: Not reported Spill Source: Other Commercial/Industrial  
Spill Notifier: Tank Tester PBS Number: Not reported  
Spill Date: 06/30/1997 16:45 Reported to Dept: 06/30/1997 16:56  
Cleanup Ceased: Not reported  
Last Inspection: Not reported  
Cleanup Meets Standard: False  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**GRUMMAN AEROSPACE CORP (Continued)**

**1000300847**

Enforcement Date: Not reported  
 Investigation Complete: Not reported  
 UST Involvement: False  
 Spill Record Last Update: 07/02/1997  
 Is Updated: False  
 Corrective Action Plan Submitted: Not reported  
 Date Spill Entered In Computer Data File: 06/30/1997  
 Date Region Sent Summary to Central Office: Not reported  
 DEC Remarks: Not reported  
 Spill Cause: CALLERS COMPANY HIRED BY TYREE FOR TESTING THE ABOVE TANK - TYREE GINA C  
 ONSTANTINI 516-249-3150

A5  
 WNW  
 1/8-1/4  
 806  
 Higher

**GRUMMAN AEROSPACE CORP  
 NEW SOUTH RD  
 BETHPAGE, NY 11714**

**FINDS 1000300851  
 RCRIS-LQG NYD981182249  
 NY Spills**

**RCRIS:**

Owner: GRUMMAN AEROSPACE CORP  
 (212) 555-1212  
 Contact: JOHN OHLMANN  
 (516) 575-2385  
 Record Date: 01/31/1986  
 Classification: Large Quantity Generator  
 Used Oil Recyc: No  
 Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	10/02/1990

**NY MANIFEST**

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

**SPILLS:**

Spill Number: 9603679	Region of Spill: 1
Facility Contact: JOHN SELVA	Facility Tele: Not reported
Investigator: AUSTIN	SWIS: 28
Caller Name: JOHN SELVA	Caller Agency: NORTHRUP-GRUMMAN CORPORAT
Caller Phone: (516) 575-8176	Caller Extension: Not reported
Notifier Name: CONSULTANT	Notifier Agency: Not reported
Notifier Phone: Not reported	Notifier Extension: Not reported
Spiller Contact: Not reported	Spiller Phone: Not reported
Spiller: UNKNOWN DELIVERY TRUCK	
Spiller Address: Not reported	
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.	
Spill Closed Dt: 02/05/1998	
Spill Cause: Unknown	Resource Affected: On Land
Water Affected: Not reported	Spill Source: Tank Truck
Spill Notifier: Affected Persons	PBS Number: Not reported
Spill Date: 06/16/1996 14:17	Reported to Dept: 06/17/1996 14:14
Cleanup Ceased: Not reported	
Last Inspection: Not reported	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**GRUMMAN AEROSPACE CORP (Continued)**

1000300851

Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: False  
Spill Record Last Update: 02/06/1998  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 06/17/1996  
Date Region Sent Summary to Central Office: Not reported

Remark: SITE ASSESSMENT FOUND CONTAMINATION CLEANUP TO BE ON 6/18/96 TANK #12  
-05-1 9/23/96 AUSTIN ON SITE. REMEDIATION OF AFFECTED AREA COMPLETED  
ON THIS DAY. BOTTOM SAMPLES YIELD NO DEFLECTION ON PID. DISPOSAL RECPT F  
ILED

DEC Remarks: unk when it occ'd or who the delivery co. is - spill not cleaned up yet  
- miller environmental group was contactcd

This is the most recent NY SPILLS record for this site.  
The NY SPILLS database contains 1 additional record for this site.  
Please contact your EDR Account Executive for more information.

6  
East  
1/8-1/4  
1086  
Higher

**BETHPAGE BEST CLEANERS**  
360 BROADWAY  
BETHPAGE, NY 11714

RCRIS-SQG 1000243983  
FINDS NYD981086085

RCRIS:  
Owner: YOO HANG JEON  
(516) 935-3333  
Contact: YOO HANG JEON  
(516) 935-3333  
Record Date: 09/30/1992  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

NY MANIFEST  
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

7  
SSE  
1/8-1/4  
1097  
Higher

**L V F CONTRACTING**  
STEWART & LAFAYETTE AVE  
BETHPAGE, NY 11714

FINDS 1000108433  
RCRIS-LQG NYD982742934



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

L V F CONTRACTING (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000108433

RCRIS:

Owner: LVF CONTRACTING  
(212) 555-1212  
Contact: LENNY MANZO  
(516) 546-3475  
Record Date: 07/03/1989  
Classification: Large Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

8  
ESE  
1/8-1/4  
1198  
Higher

EASTERN EXTERMINATING COMPANY  
326 BROADWAY  
BETHPAGE, NY 11714

FINDS 1000402157  
RCRIS-LQG NYD049202088

RCRIS:

Owner: Not reported  
Contact: CHARLES KEATING  
(517) 735-4142  
Record Date: 07/17/1985  
Classification: Large Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

9  
North  
1/4-1/2  
1383  
Higher

JAMES BELL RESIDENCE  
127 S 1ST ST  
BETHPAGE, NY

LUST S101657999  
N/A

LUST:

Spill Number: 9500753  
Facility Contact: Not reported  
Investigator: AUSTIN  
Caller Name: KEVIN ZAREMBA  
Caller Phone: (516) 932-7000  
Notifier Name: Not reported  
Notifier Phone: Not reported  
Spiller Contact: Not reported  
Spiller: JAMES BELL RESIDENCE  
Spiller Address: 127 SOUTH 1ST STREET  
BETHPAGE, NY  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 06/28/1995  
Spill Cause: Tank Failure  
Water Affected: Not reported  
Spill Notifier: Other  
Spill Date: 04/19/1995 09:00  
Cleanup Ceased: 06/28/1995  
Region of Spill: 1  
Facility Tele: Not reported  
SWIS: 28  
Caller Agency: SLOMINS OIL CO  
Caller Extension: Not reported  
Notifier Agency: Not reported  
Notifier Extension: Not reported  
Spiller Phone: (516) 938-4438  
Resource Affected: On Land  
Spill Source: Private Dwelling  
PBS Number: Not reported  
Reported to Dept: 04/19/1995 09:30

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**JAMES BELL RESIDENCE (Continued)**

**S101657999**

Last Inspection: Not reported  
 Cleanup Meets Standard: True  
 Recommended Penalty: No Penalty  
 Spiller Cleanup Date: Not reported  
 Enforcement Date: Not reported  
 Investigation Complete: Not reported  
 UST Involvement: False  
 Spill Record Last Update: 02/20/1997  
 Is Updated: False  
 Corrective Action Plan Submitted: Not reported  
 Date Spill Entered In Computer Data File: 04/20/1995  
 Date Region Sent Summary to Central Office: Not reported  
 DEC Remarks: 06/28/95: CRAWLSPACE INSPECTED AREA IS CLEAN MINIMAL AMT HAD SPILLED.  
 Spill Cause: OIL TANK IS LEAKING - OIL TANK IS IN BASEMENT. SLOMINS ON SCENE DOING R  
 EPAIRS - SMALL AMOUNT OF OIL ON FLOOR.

10  
 SE  
 1/4-1/2  
 1679  
 Higher

**MODERN AIR  
 281 BROADWAY  
 BETHPAGE, NY**

**LUST**

**S100150406  
 N/A**

**LUST:**

Spill Number: 8908136	Region of Spill: 1
Facility Contact: Not reported	Facility Tele: Not reported
Investigator: T/T/F	SWIS: 28
Caller Name: DOUG SCHRIMPS	Caller Agency: ISLAND PUMP AND TANK
Caller Phone: (516) 261-1590	Caller Extension: Not reported
Notifier Name: Not reported	Notifier Agency: Not reported
Notifier Phone: Not reported	Notifier Extension: Not reported
Spiller Contact: Not reported	Spiller Phone: (516) 932-7805
Spiller: MODERN AIR	
Spiller Address: Not reported	
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.	
Spill Closed Dt: 11/29/1994	Resource Affected: Groundwater
Spill Cause: Tank Test Failure	Spill Source: Other Commercial/Industrial
Water Affected: Not reported	PBS Number: Not reported
Spill Notifier: Tank Tester	Reported to Dept: 11/15/1989 16:04
Spill Date: 11/15/1989 15:15	
Cleanup Ceased: 11/29/1994	
Last Inspection: Not reported	
Cleanup Meets Standard: True	
Recommended Penalty: No Penalty	
Spiller Cleanup Date: Not reported	
Enforcement Date: Not reported	
Investigation Complete: Not reported	
UST Involvement: True	
Spill Record Last Update: 11/30/1994	
Is Updated: False	
Corrective Action Plan Submitted: Not reported	
Date Spill Entered In Computer Data File: 11/17/1989	
Date Region Sent Summary to Central Office: Not reported	
DEC Remarks: 11/29/94: SYSTEM RETESTED & PASSED 2/2/90, NO FURTHER ACTION.	
Spill Cause: 3K FAILED AT -.371 GPH. NCFM ON SCENE. TO EXCAVATE, REPAIR AND RETEST. T ANK INSTALLED 1979.	

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

B11  
 East  
 1/4-1/2  
 1747  
 Higher

**BETHPAGE PUBLIC LIBRARY**  
**POWELL AVENUE**  
**BETHPAGE, NY**

LUST

S100149020  
 N/A

LUST:

Spill Number: 8704151	Region of Spill: 1
Facility Contact: Not reported	Facility Tele: Not reported
Investigator: O'NEILL FD	SWIS: 28
Caller Name: Not reported	Caller Agency: Not reported
Caller Phone: Not reported	Caller Extension: Not reported
Notifier Name: Not reported	Notifier Agency: Not reported
Notifier Phone: Not reported	Notifier Extension: Not reported
Spiller Contact: Not reported	Spiller Phone: (516) 931-2900
Spiller: BETHPAGE PUBLIC LIBRARY	
Spiller Address: Not reported	
Spill Class: Not reported	
Spill Closed Dt: 10/03/1988	
Spill Cause: Tank Test Failure	Resource Affected: Groundwater
Water Affected: Not reported	Spill Source: Other Non Commercial/Industrial
Spill Notifier: Tank Tester	PBS Number: Not reported
Spill Date: 08/19/1987 13:30	Reported to Dept: 08/19/1987 13:45
Cleanup Ceased: 10/03/1988	
Last Inspection: Not reported	
Cleanup Meets Standard: True	
Recommended Penalty: No Penalty	
Spiller Cleanup Date: Not reported	
Enforcement Date: Not reported	
Investigation Complete: Not reported	
UST Involvement: False	
Spill Record Last Update: 03/03/1999	
Is Updated: False	
Corrective Action Plan Submitted: Not reported	
Date Spill Entered In Computer Data File: 08/25/1987	
Date Region Sent Summary to Central Office: Not reported	
DEC Remarks: / / : TYREE TESTER. 10/03/88: TYREE RETESTED SYSTEM ON 12/4 AFTER REPAIRING LEAKING PETROMETER & TIGHTENING MANWAY BUSHINGS. SYSTEM PASSED.D EC NOT PRESENT DURING RETEST.	
Spill Cause: 2K PETROTITE SYSTEM FAILURE AT -.365 GPH	

B12  
 East  
 1/4-1/2  
 1759  
 Higher

**BETHPAGE PUBLIC LIBRARY**  
**47 POWELL AVE**  
**BETHPAGE, NY**

LUST

S100492543  
 N/A

LUST:

Spill Number: 9213367	Region of Spill: 1
Facility Contact: Not reported	Facility Tele: Not reported
Investigator: T/T/F	SWIS: 28
Caller Name: PAT VOLINO	Caller Agency: VOLINO & SONS
Caller Phone: (516) 334-0414	Caller Extension: Not reported
Notifier Name: Not reported	Notifier Agency: Not reported
Notifier Phone: Not reported	Notifier Extension: Not reported
Spiller Contact: Not reported	Spiller Phone: (516) 931-3907
Spiller: BETHPAGE PUBLIC LIBRARY	
Spiller Address: 47 POWELL AVENUE BETHPAGE, NY	
Spill Class: No spill occurred. (Not Possible)	
Spill Closed Dt: 08/11/1993	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

BETHPAGE PUBLIC LIBRARY (Continued)

S100492543

Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Spill Date: 03/03/1993 16:30  
Cleanup Ceased: 08/11/1993  
Last Inspection: Not reported  
Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: False  
Spill Record Last Update: 04/08/1997  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 03/04/1993  
Date Region Sent Summary to Central Office: Not reported  
DEC Remarks: 08/11/93: INSTALLED BLEEDER ON HIGH END OF TANK, TANK IS TILTED 3", NO C  
ONT SOIL FOUND, SYSTEM PASSED RETEST 3/12/93, NO FURTHER ACTION NEEDED A  
T THIS TIME.  
Spill Cause: SYSTEM FAILURE, 2K FAILED AT -0.158, VOLINO TESTER, WILL EXCAVATE. ISOLSA  
TE AND RETEST

13  
NW  
1/4-1/2  
1925  
Higher

NYNEX VEHICLE  
SHERMAN AVE/SO 6TH STREET  
BETHPAGE, NY

LUST

S101102415  
N/A

LUST:

Spill Number: 9314784  
Facility Contact: Not reported  
Investigator: GIBBONS  
Caller Name: SISMITA BISARAK  
Caller Phone: (212) 338-7126  
Notifier Name: Not reported  
Notifier Phone: Not reported  
Spiller Contact: Not reported  
Spiller: NYNEX VEHICLE  
Spiller Address: Not reported  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 03/18/1994  
Spill Cause: Tank Failure  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Spill Date: 03/17/1994 11:04  
Cleanup Ceased: 03/18/1994  
Last Inspection: Not reported  
Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: False  
Spill Record Last Update: 03/21/1994  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 03/17/1994

Region of Spill: 1  
Facility Tele: Not reported  
SWIS: 28  
Caller Agency: NYNEX  
Caller Extension: Not reported  
Notifier Agency: Not reported  
Notifier Extension: Not reported  
Spiller Phone: Not reported

Resource Affected: On Land  
Spill Source: Commercial Vehicle  
PBS Number: Not reported  
Reported to Dept: 03/17/1994 12:06

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**NYNEX VEHICLE (Continued)**

S101102415

Date Region Sent Summary to Central Office: Not reported  
DEC Remarks: 03/18/94: UPON INSPECTION NO EVIDENCE OF A SPILL OR CLEANUP WAS FOUND. N  
O FURTHER ACTION.  
Spill Cause: SPILL CONTAINED ON ROADWAY AT CURB, CLEANUP TO BE DONE

14  
SSE  
1/4-1/2  
1972  
Higher

**GETTY S/S  
295 CENTRAL AVE  
BETHPAGE, NY**

LUST S103565609  
NY Spills N/A

**LUST:**

Spill Number: 9107600 Region of Spill: 1  
Facility Contact: Not reported Facility Tele: Not reported  
Investigator: RICE SWIS: 28  
Caller Name: ANDY CAMPELLI Caller Agency: SOUTHSIDE CARTING  
Caller Phone: (516) 352-7466 Caller Extension: Not reported  
Notifier Name: Not reported Notifier Agency: Not reported  
Notifier Phone: Not reported Notifier Extension: Not reported  
Spiller Contact: Not reported Spiller Phone: (516) 729-6500  
Spiller: GETTY S/S  
Spiller Address: 295 CENTRAL AVENUE  
BETHPAGE, NY  
Spill Class: Possible release with minimal potential for fire or hazard or Known  
release with no damage. No DEC Response. No corrective action required.  
Spill Closed Dt: 10/30/1997  
Spill Cause: Tank Overfill Resource Affected: On Land  
Water Affected: Not reported Spill Source: Gas Station  
Spill Notifier: Other PBS Number: Not reported  
Spill Date: 09/27/1991 12:00 Reported to Dept: 10/16/1991 12:24  
Cleanup Ceased: Not reported  
Last Inspection: Not reported  
Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: True  
Spill Record Last Update: 10/31/1997  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 10/16/1991  
Date Region Sent Summary to Central Office: Not reported  
DEC Remarks: NO ACTION NECESSARY. SEE SPILL 91-05773  
Spill Cause: ETC LAB TESTED SAMPLE. CALLER TO HAUL CONT SOIL TO MT HOPE ASPHALT. THI  
S MAY HAVE BEEN RESULT OF TANK REMOVAL PREVIOUS SPILL 91-05773

**SPILLS:**

Spill Number: 9105773 Region of Spill: 1  
Facility Contact: Not reported Facility Tele: Not reported  
Investigator: LUCE SWIS: 28  
Caller Name: ALAN BRUSSEL Caller Agency: NCDH  
Caller Phone: (516) 535-3314 Caller Extension: Not reported  
Notifier Name: Not reported Notifier Agency: Not reported  
Notifier Phone: Not reported Notifier Extension: Not reported  
Spiller Contact: Not reported Spiller Phone: Not reported  
Spiller: GETTY S/S  
Spiller Address: Not reported  
Spill Class: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

GETTY S/S (Continued)

S103565609

Spill Closed Dt: 09/06/1991  
Spill Cause: Other  
Water Affected: Not reported  
Spill Notifier: Health Department  
Spill Date: 08/28/1991 10:00  
Cleanup Ceased: 09/06/1991  
Last Inspection: Not reported  
Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: True  
Spill Record Last Update: 09/06/1991  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 08/29/1991  
Date Region Sent Summary to Central Office: Not reported  
Remarks: Not reported  
DEC Remarks: UNICO CONTRACTOR, 550 W/O, ALAN BRUSSELS (NCDH) WILL BE CHECKING & WILL BE CALLING BACK WITH STATUS

Resource Affected: Groundwater  
Spill Source: Gas Station  
PBS Number: Not reported  
Reported to Dept: 08/28/1991 10:10

15  
SE  
1/4-1/2  
2129  
Higher

ST MARTIN OF TOMS CHURCH  
40 SEAMAN AVE  
BETHPAGE, NY

LUST

S100149893  
N/A

LUST:

Spill Number: 8800966  
Facility Contact: Not reported  
Investigator: GOERTZ  
Caller Name: TOM TYREE  
Caller Phone: (516) 249-3150  
Notifier Name: Not reported  
Notifier Phone: Not reported  
Spiller Contact: Not reported  
Spiller: ST MARTIN OF TOMS CHURCH  
Spiller Address: Not reported  
Spill Class: Not reported  
Spill Closed Dt: 06/28/1990  
Spill Cause: Tank Test Failure  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Spill Date: 04/29/1988 15:00  
Cleanup Ceased: 06/28/1990  
Last Inspection: Not reported  
Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: False  
Spill Record Last Update: 06/29/1990  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 05/02/1988  
Date Region Sent Summary to Central Office: Not reported  
DEC Remarks: / / : CHURCH ASKED TYREE FOR COST ESTIMATE TO REPLACE ALL 3 TANKS.

Region of Spill: 1  
Facility Tele: Not reported  
SWIS: 28  
Caller Agency: LARRY TYREE CO  
Caller Extension: Not reported  
Notifier Agency: Not reported  
Notifier Extension: Not reported  
Spiller Phone: (516) 931-0818

Resource Affected: Groundwater  
Spill Source: Other Non Commercial/Industrial  
PBS Number: Not reported  
Reported to Dept: 04/29/1988 16:30

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ST MARTIN OF TOMS CHURCH (Continued)** S100149893

Spill Cause: PETRO TITE SYSTEM FAILURE 550 F/O AT -.376 GPH; 550 F/O AT GROSS LEAK;  
 1K F/O AT GROSS LEAK

16 **UNITED METHODIST CHURCH** LUST S100171656  
 SSE 192 BROADWAY N/A  
 1/4-1/2 BETHPAGE, NY  
 2470  
 Higher

LUST:

Spill Number: 8702951	Region of Spill: 1
Facility Contact: Not reported	Facility Tele: Not reported
Investigator: O'NEILL FD	SWIS: 28
Caller Name: Not reported	Caller Agency: Not reported
Caller Phone: Not reported	Caller Extension: Not reported
Notifier Name: Not reported	Notifier Agency: Not reported
Notifier Phone: Not reported	Notifier Extension: Not reported
Spiller Contact: Not reported	Spiller Phone: (516) 735-4888
Spiller: UNITED METHODIST CHURCH	
Spiller Address: 192 BROADWAY BETHPAGE, NY	
Spill Class: Not reported	Resource Affected: Groundwater
Spill Closed Dt: 10/19/1987	Spill Source: Other Non Commercial/Industrial
Spill Cause: Tank Failure	PBS Number: Not reported
Water Affected: Not reported	Reported to Dept: 07/13/1987 14:04
Spill Notifier: Tank Tester	
Spill Date: 07/13/1987 13:00	
Cleanup Ceased: 10/19/1987	
Last Inspection: Not reported	
Cleanup Meets Standard: True	
Recommended Penalty: No Penalty	
Spiller Cleanup Date: Not reported	
Enforcement Date: Not reported	
Investigation Complete: Not reported	
UST Involvement: False	
Spill Record Last Update: 02/24/1999	
Is Updated: False	
Corrective Action Plan Submitted: Not reported	
Date Spill Entered In Computer Data File: 07/15/1987	
Date Region Sent Summary to Central Office: Not reported	
DEC Remarks: / / : TYREE TESTER. / / : TYREE TESTER.10/19 550 & 1500 GAL U/G TANKS REMOVED ON 10/16,INSPECTED BY MIRZA,NO HOLES.NO CONTAMINATION FOUN D.	
Spill Cause: 1500 TANK FAILED AT -.592	

17 **RESIDENCE** LUST S102669909  
 SSW 77 BRENNER AVE N/A  
 1/4-1/2 BETHPAGE, NY  
 2627  
 Higher

LUST:

Spill Number: 9307110	Region of Spill: 1
Facility Contact: Not reported	Facility Tele: Not reported
Investigator: NONE	SWIS: 28
Caller Name: ROBERT GAZZA	Caller Agency: COMMANDER
Caller Phone: (516) 922-7000	Caller Extension: Not reported
Notifier Name: Not reported	Notifier Agency: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

RESIDENCE (Continued)

S102669909

Notifier Phone: Not reported Notifier Extension: Not reported  
Spiller Contact: Not reported Spiller Phone: Not reported  
Spiller: RESIDENCE  
Spiller Address: Not reported  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Spill Closed Dt: 09/13/1993  
Spill Cause: Tank Overfill Resource Affected: On Land  
Water Affected: Not reported Spill Source: Private Dwelling  
Spill Notifier: Other PBS Number: Not reported  
Spill Date: 09/10/1993 15:00 Reported to Dept: 09/10/1993 16:31  
Cleanup Ceased: 09/13/1993  
Last Inspection: Not reported  
Cleanup Meets Standard: True  
Recommended Penalty: No Penalty  
Spiller Cleanup Date: Not reported  
Enforcement Date: Not reported  
Investigation Complete: Not reported  
UST Involvement: False  
Spill Record Last Update: 09/14/1993  
Is Updated: False  
Corrective Action Plan Submitted: Not reported  
Date Spill Entered In Computer Data File: 09/13/1993  
Date Region Sent Summary to Central Office: Not reported  
DEC Remarks: 09/13/93: SAME AS SPILL 93-07192.  
Spill Cause: TANK HAS HOLE IN IT, 275 GAL TANK IN BASEMENT, SPILL PADS APPLIED. PUMPI  
NG TANK, WILL REPLACE. MATERIALS P/U & DISPOSED. WILL NOTIFY NCDH

18  
NW  
1/2-1  
5159  
Higher

NAVAL WEAPONS IND. RESERVE PLANT  
STEWART AVENUE  
BETHPAGE, NY 11714

SHWS  
S100521004  
N/A

SHWS:  
Facility ID: 130003B EPA ID: NYD602047967  
Region: 1 Site Type: Lagoon Landfill  
Acres: 105 Acres User: Grumman Aerospace - US Navy  
Owner: U.S. Navy  
Grumman Corp., Stewart Ave  
Bethpage, NY 11714  
Operator: Multiple Site Operators  
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION  
REQUIRED.  
Hazardous Waste Disposed: From 1943 To 1987  
Analytical Data Available: Groundwater Soil Sediment  
Applicable Standards Exceeded: Groundwater Drinking Water  
Geotechnical Information: Sand  
Depth to Groundwater: Approximately 55 feet  
Legal Action Type: State MOU with DOD Federal MOU with  
Remedial Action: In Design In Progress  
Nature of Action: Final on-site soils remedy  
Enforcement Status: Order Signed  
Hazardoud Waste: Two municipal downgradient water supplies have been impacted, and  
others are being threatened.  
Site Description: This site was formerly part of the Grumman Aerospace-Bethpage Facility,  
site 130003, which has now been split into two sites, 130003A and  
13000B. The site boundaries are, to the west South Oyster Bay Road, to  
the northeast Stewart Avenue, and to the south the Long Island Railroad



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

NAVAL WEAPONS IND. RESERVE PLANT (Continued)

S100521004

and Sycamore Avenue. Hazardous wastes were stored in tanks and drums at various locations on site. The disposal of chemicals via leaks from septic systems, tanks, etc. has occurred on site. Two source areas have been identified at the site and will be targeted for remediation. PCBs have been found in surface soils at levels up to 1300 ppm. Groundwater standards have been contravened at the site with the highest value noted at 58 ppm of Trichloroethylene (TCE). A Remedial Investigation/Feasibility Study (RI/FS) has been completed for this site, and a Record of Decision (ROD) for addressing on-site source areas was issued in May of 1995. There are four components to the remedy: 1) soil vapor extraction/air sparging to remediate VOC-contaminated soils. 2) excavation and off-site treatment/disposal of PCB-contaminated soils. 3) excavation and treatment/disposal of arsenic contaminated soils. 4) a Navy funded treatment system at the Bethpage Water District's Plant # 5. The remedial design has begun. The Navy is working with Grumman on the groundwater remedy. The remediation work in Site 2 was completed in June 1996. Design-phase sampling in Site 1 found PCBs at a much greater depth than originally found. As a result, the Navy is expected to propose a ROD amendment in 1999. The Soil Vapor Extraction System for Site 1 is complete, and operating.

Environmental Problems: Trichloroethylene (F001) - unknown  
Tetrachloroethene ((PCE or "perc.") F002 - unknown  
1,1,1-Trichloroethane - unknown  
Cyanide (F007) - unknown  
Arsenic (D003)

Health Problems: Groundwater on-site is contaminated but is not used as a potable water supply. A groundwater pump and treat system implemented at the adjoining Grumman site (#130003A) is expected to reduce concentrations of contaminants originating from both sites. Off-site groundwater contamination has affected several public water supply wells. Water from these wells is treated to remove contaminants prior to distribution in the public water supply system. As changes in site use are proposed, exposure assessments will be conducted to ensure the protection of public health.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BETHPAGE	U003377159	JOHN F. KENNEDY J.H.S.	BROADWAY	11714	UST	052343
BETHPAGE	S102095524	J&S TRANSPORTATION	SOUTH OYSTER BAY ROAD	11714	NY Spills	8809252
BETHPAGE	1001224212	NASSAU COUNTY PUBLIC WORKS	1 POWELL HOUSE	11714	RCRIS-SQG, FINDS	
BETHPAGE	S102096437	ALL AMERICAN PETROLEUM	ROUND SWAMP ROAD	11714	LUST, NY Spills	8909144
BETHPAGE	94408311	19 SEAMAN AVE	19 SEAMAN AVE		ERNS	
BETHPAGE	S102093774	MOBIL S/S	STEWART AVENUE / S.O.B.	11714	NY Spills	8606951
BETHPAGE	U003377113	NORTHEGGE SCHOOL	STEWART AVE.	11714	UST	052270
BETHPAGE	U003377115	JOHN H. WEST SCHOOL	STEWART & BOUNDARY AVES.	11714	UST	052272
BETHPAGE	U003377259	BETHPAGE COMMUNITY PARK	STEWART AVE.	11714	UST	053202
BETHPAGE	S101173536	TOWN OF OYSTER BAY	STEWART AVENUE	11714	LUST	9409098
FARMINGDALE	1000155082	HAZARDOUS WASTE DISPOSAL	11A PICONE BLVD	11735	FINDS, RCRIS-LQG, RCRIS-TSD, CORRACTS, CERC-NFRAP	
HICKSVILLE	S103350668	RUCO POLYMER CORP. (HOOKER CHEM)	NEW SOUTH ROAD	11801	SHWS	130004
LEVITOWN	S101008285	AMERICAN DRIVE-IN CLEANERS	3801 HEWSTEAD TURNPIKE	11756	SHWS	130049
OLD BETHPAGE	S100520995	OLD BETHPAGE LANDFILL	BETHPAGE-SWEETHOLLOW ROAD	11804	SHWS	130001
STUART	1000698804	GRUMMAN AEROSPACE CORP #77	SR A1A 1 MI S OF STUART	11714	FINDS, RCRIS-LQG, TRIS, RCRIS-TSD, RAATS, CORRACTS	

**GEOCHECK VERSION 2.1 ADDENDUM  
FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Northern Quadrant)

**BASIC WELL DATA**

Site ID:	404539073291401	Distance from TP:	1 - 2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Nassau
Altitude:	1.00 ft.	State:	New York
Well Depth:	76.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Observation
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

**LITHOLOGIC DATA**

Not Reported

**WATER LEVEL VARIABILITY**

Not Reported

**GEOCHECK VERSION 2.1  
FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Eastern Quadrant)

**BASIC WELL DATA**

Site ID:	404310073260101	Distance from TP:	>2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1938	County:	Nassau
Altitude:	62.00 ft.	State:	New York
Well Depth:	34.00 ft.	Topographic Setting:	Flat surface
Depth to Water Table:	17.00 ft.	Prim. Use of Site:	Observation
Date Measured:	06011938	Prim. Use of Water:	Unused

**LITHOLOGIC DATA**

Geologic Age ID (Era/System/Series):	Cenozoic-Quaternary-Pleistocene
Principal Lithology of Unit:	Sand
Further Description:	Not Reported

**WATER LEVEL VARIABILITY**

Not Reported

**GEOCHECK VERSION 2.1**  
**FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Southern Quadrant)

**BASIC WELL DATA**

Site ID:	404359073283601	Distance from TP:	1/2 - 1 Mile
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1950	County:	Nassau
Altitude:	91.00 ft.	State:	New York
Well Depth:	290.00 ft.	Topographic Setting:	Flat surface
Depth to Water Table:	32.00 ft.	Prim. Use of Site:	Observation
Date Measured:	08011950	Prim. Use of Water:	Unused

**LITHOLOGIC DATA**

Geologic Age ID (Era/System/Series):	Mesozoic-Cretaceous-Upper
Principal Lithology of Unit:	Sand
Further Description:	COARSE GRAINED

**WATER LEVEL VARIABILITY**

Not Reported

**GEOCHECK VERSION 2.1  
FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Western Quadrant)

**BASIC WELL DATA**

Site ID:	404418073294501	Distance from TP:	1/2 - 1 Mile
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1938	County:	Nassau
Altitude:	95.00 ft.	State:	New York
Well Depth:	54.00 ft.	Topographic Setting:	Flat surface
Depth to Water Table:	29.00 ft.	Prim. Use of Site:	Observation
Date Measured:	02011939	Prim. Use of Water:	Unused

**LITHOLOGIC DATA**

Geologic Age ID (Era/System/Series):	Cenozoic-Quaternary-Pleistocene
Principal Lithology of Unit:	Sand
Further Description:	Not Reported

**WATER LEVEL VARIABILITY**

Not Reported

**GEOCHECK VERSION 2.1**  
**STATE DATABASE WELL INFORMATION**

**Water Well Information:**

Well Within 1 - 2 Miles of Target Property (Northern Quadrant)

Public Water Supply #:	2902817	Source ID:	002
PW Supply Name:	BETHPAGE WATER DISTRICT		
Source Name:	N 8767 WELL NO.7A		
Source Description:	Groundwater		
Availability/Utilization:	Permanent Utilization	Source Type:	Source Record
Latitude:	404532	Longitude:	-732848
Source Prod Capacity:	1728000 Million Gals/Day	Fed ID of Seller:	Not Reported
Watershed Basin:	17	Watershed Sub-basin:	01
Treatment Plant ID:	010	Date of rec Last Update:	Not Reported
Water Type:	Not Reported	Record Tag:	Existing Record

Well Within 1 - 2 Miles of Target Property (Eastern Quadrant)

Public Water Supply #:	2908334	Source ID:	003
PW Supply Name:	BETHPAGE STATE PARK		
Source Name:	N 7438 WELL 4		
Source Description:	Groundwater		
Availability/Utilization:	Permanent Utilization	Source Type:	Source Record
Latitude:	404454	Longitude:	-732742
Source Prod Capacity:	1252000 Million Gals/Day	Fed ID of Seller:	Not Reported
Watershed Basin:	17	Watershed Sub-basin:	00
Treatment Plant ID:	007	Date of rec Last Update:	Not Reported
Water Type:	Not Reported	Record Tag:	Existing Record

Well Within 1/2 - 1 Mile of Target Property (Southern Quadrant)

Public Water Supply #:	2902817	Source ID:	005
PW Supply Name:	BETHPAGE WATER DISTRICT		
Source Name:	N 6915 WELL NO.10		
Source Description:	Groundwater		
Availability/Utilization:	Permanent Utilization	Source Type:	Source Record
Latitude:	404403	Longitude:	-732831
Source Prod Capacity:	2016000 Million Gals/Day	Fed ID of Seller:	Not Reported
Watershed Basin:	17	Watershed Sub-basin:	00
Treatment Plant ID:	010	Date of rec Last Update:	Not Reported
Water Type:	Not Reported	Record Tag:	Existing Record

Well Within 1 - 2 Miles of Target Property (Western Quadrant)

Public Water Supply #:	2902832	Source ID:	008
PW Supply Name:	LEVITTOWN WATER DISTRICT		
Source Name:	N 4451 WELL #10 (NOT USED)		
Source Description:	Groundwater		
Availability/Utilization:	Permanent Utilization	Source Type:	Source Record
Latitude:	404429	Longitude:	-733053
Source Prod Capacity:	0	Fed ID of Seller:	Not reported
Watershed Basin:	17	Watershed Sub-basin:	00
Treatment Plant ID:	013	Date of rec Last Update:	Not Reported
Water Type:	Not Reported	Record Tag:	Existing Record

**GEOCHECK VERSION 2.1**  
**PUBLIC WATER SUPPLY SYSTEM INFORMATION**

Searched by Nearest PWS.

**PWS SUMMARY:**

PWS ID: NY0002817      PWS Status: Active      Distance from TP: 1/2 - 1 Mile  
Date Initiated: Not Reported      Date Deactivated: Not Reported      Dir relative to TP: South  
PWS Name: BETHPAGE WATER DISTRICT  
25 ADAMS AVENUE  
BETHPAGE, NY 11714

Addressee / Facility: System Owner/Responsible Party  
GRECO JR. SAL  
BETHPAGE WATER DISTRICT  
25 ADAMS AVENUE  
BETHPAGE, NY 11714

Addressee / Facility: System Owner/Responsible Party  
GRECO JR. SAL  
BETHPAGE WATER DISTRICT  
25 ADAMS AVENUE  
BETHPAGE, NY 11714

Facility Latitude:	40 43 43	Facility Longitude:	073 28 41
Facility Latitude:	40 43 54	Facility Longitude:	073 29 12
Facility Latitude:	40 44 03	Facility Longitude:	073 28 31
Facility Latitude:	40 45 32	Facility Longitude:	073 28 48
Facility Latitude:	40 45 33	Facility Longitude:	073 28 48
Facility Latitude:	40 45 37	Facility Longitude:	073 28 48
City Served:	HEMPSTEAD & OYSTER B		
Treatment Class	Not Reported	Population Served:	Not Reported

PWS currently has or has had major violation(s) or enforcement: No



## EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D016	2,4-D
D018	BENZENE
D019	CARBON TETRACHLORIDE
D022	CHLOROFORM
D026	CRESOL
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D035	METHYL ETHYL KETONE

## EPA Waste Codes Addendum

Code	Description
D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F004	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5)

## EPA Waste Codes Addendum

Code	Description
	CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
F019	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
P012	ARSENIC OXIDE AS <sub>2</sub> O <sub>3</sub>
P012	ARSENIC TRIOXIDE
U134	HYDROFLUORIC ACID (C,T)
U134	HYDROGEN FLUORIDE (C,T)
U135	HYDROGEN SULFIDE
U135	HYDROGEN SULFIDE H <sub>2</sub> S
U144	ACETIC ACID, LEAD(2+) SALT
U144	LEAD ACETATE
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U196	PYRIDINE
U223	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
U223	TOLUENE DIISOCYANATE (R,T)

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

## FEDERAL ASTM RECORDS:

### CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/21/99

Date of Data Arrival at EDR: 05/14/99

Date Made Active at EDR: 06/09/99

Elapsed ASTM days: 26

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/30/99

### ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/98

Date of Data Arrival at EDR: 01/13/99

Date Made Active at EDR: 01/18/99

Elapsed ASTM days: 5

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/06/99

### NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 05/10/99

Date of Data Arrival at EDR: 05/12/99

Date Made Active at EDR: 06/09/99

Elapsed ASTM days: 28

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/05/99

### RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 07/01/99

Date of Data Arrival at EDR: 07/07/99

Date Made Active at EDR: 08/11/99

Elapsed ASTM days: 35

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/26/99

### CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/99

Date of Data Arrival at EDR: 03/17/99

Date Made Active at EDR: 04/16/99

Elapsed ASTM days: 30

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/21/99

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEDERAL NON-ASTM RECORDS:

### BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/95  
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/21/99  
Date of Next Scheduled EDR Contact: 09/20/99

### CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies  
Database Release Frequency: Varies

Date of Last EDR Contact: Varies  
Date of Next Scheduled EDR Contact: N/A

### FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/01/99  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/13/99  
Date of Next Scheduled EDR Contact: 10/11/99

### HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/98  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/26/99  
Date of Next Scheduled EDR Contact: 10/25/99

### MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/08/98  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/12/99  
Date of Next Scheduled EDR Contact: 10/11/99

### NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/27/99  
Date of Next Scheduled EDR Contact: 08/23/99

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**PADS: PCB Activity Database System**

Source: EPA

Telephone: 202-260-3936

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/22/97

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/17/99

Date of Next Scheduled EDR Contact: 11/15/99

**RAATS: RCRA Administrative Action Tracking System**

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/14/99

Date of Next Scheduled EDR Contact: 09/13/99

**ROD: Records Of Decision**

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/31/99

Database Release Frequency: Annually

Date of Last EDR Contact: 08/23/99

Date of Next Scheduled EDR Contact: 11/22/99

**TRIS: Toxic Chemical Release Inventory System**

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 06/28/99

Date of Next Scheduled EDR Contact: 09/27/99

**TSCA: Toxic Substances Control Act**

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/94

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 08/03/99

Date of Next Scheduled EDR Contact: 10/25/99

**MINES: Mines Master Index File**

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/01/98

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/08/99

Date of Next Scheduled EDR Contact: 10/04/99

**AOCONCERN: San Gabriel Valley Areas of Concern**

Source: EPA Region 9

Telephone: 415-744-2407

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98

Database Release Frequency: N/A

Date of Last EDR Contact: 06/29/99

Date of Next Scheduled EDR Contact: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF NEW YORK ASTM RECORDS:

### LUST: Spills Information Database

Source: Department of Environmental Conservation  
Telephone: 518-457-2462

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/01/99  
Date Made Active at EDR: 07/27/99  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/20/99  
Elapsed ASTM days: 68  
Date of Last EDR Contact: 08/03/99

### SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Source: Department of Environmental Conservation  
Telephone: 518-457-0747

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/01/99  
Date Made Active at EDR: 09/16/99  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/15/99  
Elapsed ASTM days: 63  
Date of Last EDR Contact: 08/30/99

### LF: Facility Register

Source: Department of Environmental Conservation  
Telephone: 518-457-2051

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/30/99  
Date Made Active at EDR: 09/16/99  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/10/99  
Elapsed ASTM days: 37  
Date of Last EDR Contact: 08/10/99

### UST: Petroleum Bulk Storage (PBS) Database

Source: Department of Environmental Conservation  
Telephone: 518-457-4351

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 04/01/99  
Date Made Active at EDR: 07/28/99  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/20/99  
Elapsed ASTM days: 69  
Date of Last EDR Contact: 08/03/99

### CBS UST: Chemical Bulk Storage Database

Source: NYSDEC  
Telephone: 518-457-4351

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 04/01/99  
Date Made Active at EDR: 07/27/99  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/20/99  
Elapsed ASTM days: 68  
Date of Last EDR Contact: 08/03/99

### MOSF UST: Major Oil Storage Facilities Database

Source: NYSDEC  
Telephone: 518-457-4351

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 04/01/99  
Date Made Active at EDR: 07/27/99  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/20/99  
Elapsed ASTM days: 68  
Date of Last EDR Contact: 08/03/99

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF NEW YORK NON-ASTM RECORDS:

### AST: Petroleum Bulk Storage (AST)

Source: Department of Environmental Conservation

Telephone: 518-457-4351

Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/03/99

Date of Next Scheduled EDR Contact: 11/01/99

### CBS AST: Chemical Bulk Storage Database

Source: NYSDEC

Telephone: 518-457-4351

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 04/01/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/03/99

Date of Next Scheduled EDR Contact: 11/01/99

### MOSF AST: Major Oil Storage Facilities Database

Source: NYSDEC

Telephone: 518-457-4351

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 04/01/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/03/99

Date of Next Scheduled EDR Contact: 11/01/99

### HSWDS: Hazardous Substance Waste Disposal Site Inventory

Source: Department of Environmental Conservation

Telephone: 518-457-0639

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites which U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

Date of Government Version: 05/17/99

Database Release Frequency: Annually

Date of Last EDR Contact: 09/08/99

Date of Next Scheduled EDR Contact: 12/06/99

### SPILLS: Spills Information Database

Source: Department of Environmental Conservation

Telephone: 518-457-2462

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 04/01/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/03/99

Date of Next Scheduled EDR Contact: 11/01/99

### VCP: Voluntary Cleanup Agreements

Source: Department of Environmental Conservation

Telephone: 518-457-7894

The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 06/14/99

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/21/99

Date of Next Scheduled EDR Contact: 09/20/99



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NEW YORK COUNTY RECORDS

### CORTLAND COUNTY:

#### Cortland County UST Listing (AST)

Source: Cortland County Health Department  
Telephone: 607-753-5035

Date of Government Version: 03/15/99  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/99  
Date of Next Scheduled EDR Contact: 12/06/99

#### Cortland County UST Listing (UST)

Source: Cortland County Health Department  
Telephone: 607-753-5035

Date of Government Version: 03/15/99  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/99  
Date of Next Scheduled EDR Contact: 12/06/99

### NASSAU COUNTY:

#### Registered Tank Database

Source: Nassau County Health Department  
Telephone: 516-571-3314

Date of Government Version: 02/04/99  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/09/98  
Date of Next Scheduled EDR Contact: 11/08/99

#### Registered Tank Database

Source: Nassau County Health Department  
Telephone: 516-571-3314

Date of Government Version: 05/13/99  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/09/99  
Date of Next Scheduled EDR Contact: 11/08/99

### ROCKLAND COUNTY:

#### Petroleum Bulk Storage Database (AST)

Source: Rockland County Health Department  
Telephone: 914-364-2605

Date of Government Version: 04/26/99  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/12/99  
Date of Next Scheduled EDR Contact: 10/11/99

#### Petroleum Bulk Storage Database (UST)

Source: Rockland County Health Department  
Telephone: 914-364-2605

Date of Government Version: 04/26/99  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/12/99  
Date of Next Scheduled EDR Contact: 10/11/99

### SUFFOLK COUNTY:

#### Underground Storage Tank Database (AST)

Source: Suffolk County Department of Health Services  
Telephone: 516-854-2521

Date of Government Version: 03/01/98  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/07/98  
Date of Next Scheduled EDR Contact: 12/06/99

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Database (UST)

Source: Suffolk County Department of Health Services  
Telephone: 516-854-2521

Date of Government Version: 03/01/99  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/07/99  
Date of Next Scheduled EDR Contact: 12/06/99

## Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

## Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

## DELISTED NPL: NPL Deletions

Source: EPA  
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/23/99  
Date Made Active at EDR: 06/09/99  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/12/99  
Elapsed ASTM days: 28  
Date of Last EDR Contact: 08/10/99

## NFRAP: No Further Remedial Action Planned

Source: EPA  
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 04/21/99  
Date Made Active at EDR: 06/09/99  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/14/99  
Elapsed ASTM days: 26  
Date of Last EDR Contact: 08/30/99

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water  
Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

### **PWS ENF: Public Water Systems Violation and Enforcement Data**

Source: EPA/Office of Drinking Water  
Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

**Area Radon Information:** The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**EPA Radon Zones:** Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI: National Wetlands Inventory.** This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

### **Epicenters: World earthquake epicenters, Richter 5 or greater**

Source: Department of Commerce, National Oceanic and Atmospheric Administration

### **Water Dams: National Inventory of Dams**

Source: Federal Emergency Management Agency  
Telephone: 202-646-2801

National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

### **New York Public Water Wells**

Source: New York Department of Health  
Telephone: 518-458-6731

### **New York Facility and Manifest Data**

Source: NYSDEC  
Telephone: 518-457-6585

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.



SCALE 1:24000

1 MILE

1951 Arkville, NY

(FREPORT)

LEVITOWN 19 MI.  
WANTAGH 5.9 MI.

32°30'  
SOUTHERN STATE PKWY. 4.0 MI.  
NORTH BELMORE 4.7 MI.

ROAD CLASSIFICATION

1:4000 ft.

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. 20542  
 6269000M. E.  
 PLAIN EDGE 2.1 MI.  
 MASSAPEQUA 5.1 MI.

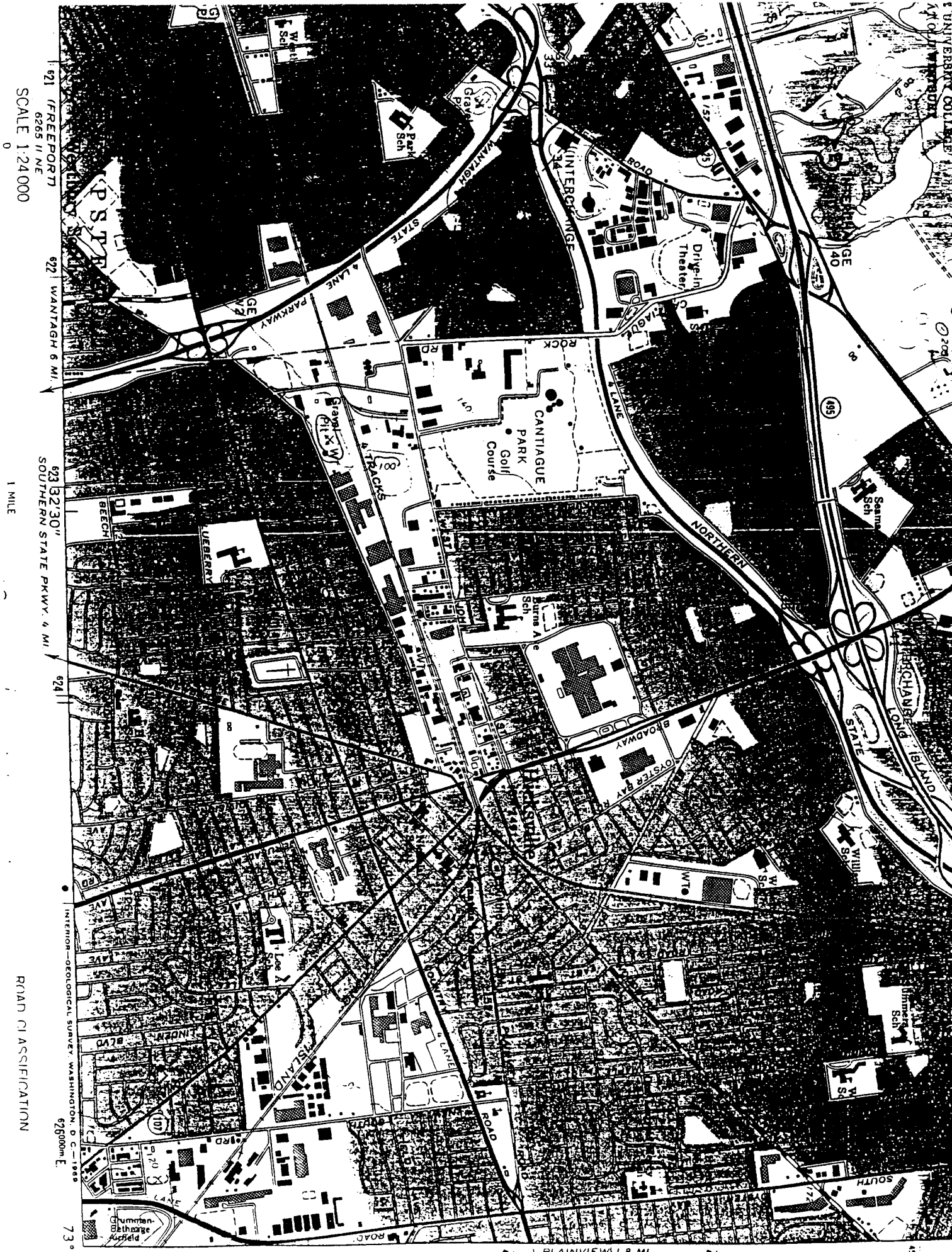
40°45'  
73°30'

4512000m.

BETHPAGE 2.2 MI.  
MASSAPEQUA 6.6 MI.

PLAINVIEW 8 MI.

1951 Hicksville, NY



SCALE 1:24,000

1 MILE

6265 II NE

WANTAGH 6 MI.

SOUTHERN STATE PKWY. 4 MI.

6241

INTERIOR- GEOLOGICAL SURVEY WASHINGTON, D.C. - 1988

676000m E

73° 30'

40° 45'

4512000m N

ROAD CLASSIFICATION

PLAINVIEW 1.8 MI.

1967 Hicksville, NY

THE UNIVERSITY COLLEGE  
AT OLD WESTBURY

INTERCHANGE 140

(95)

SULLIVAN INTERCHANGE 35

STATE

STATE

STATE

STATE

STATE

STATE

STATE

STATE

STATE

STATE

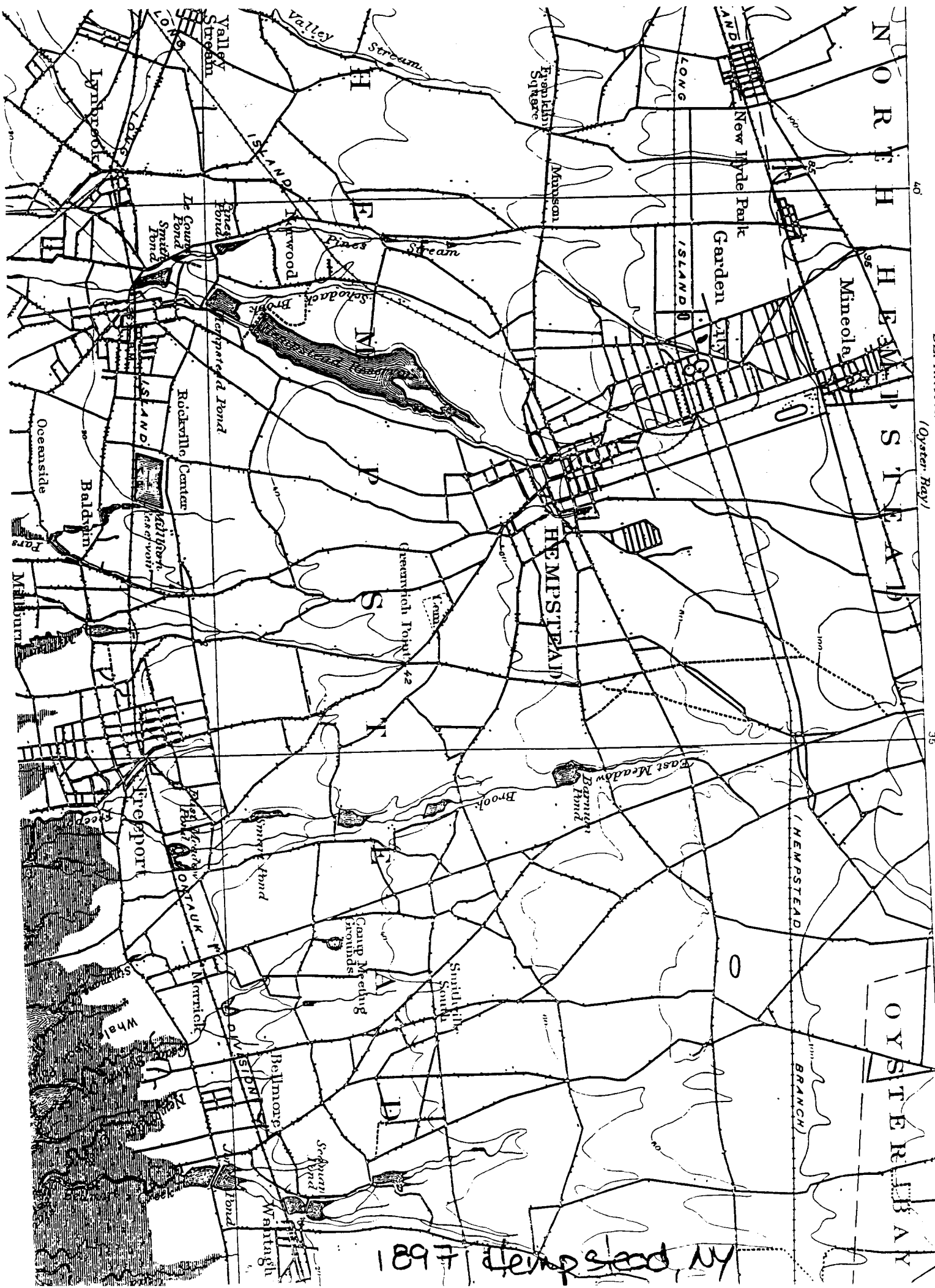


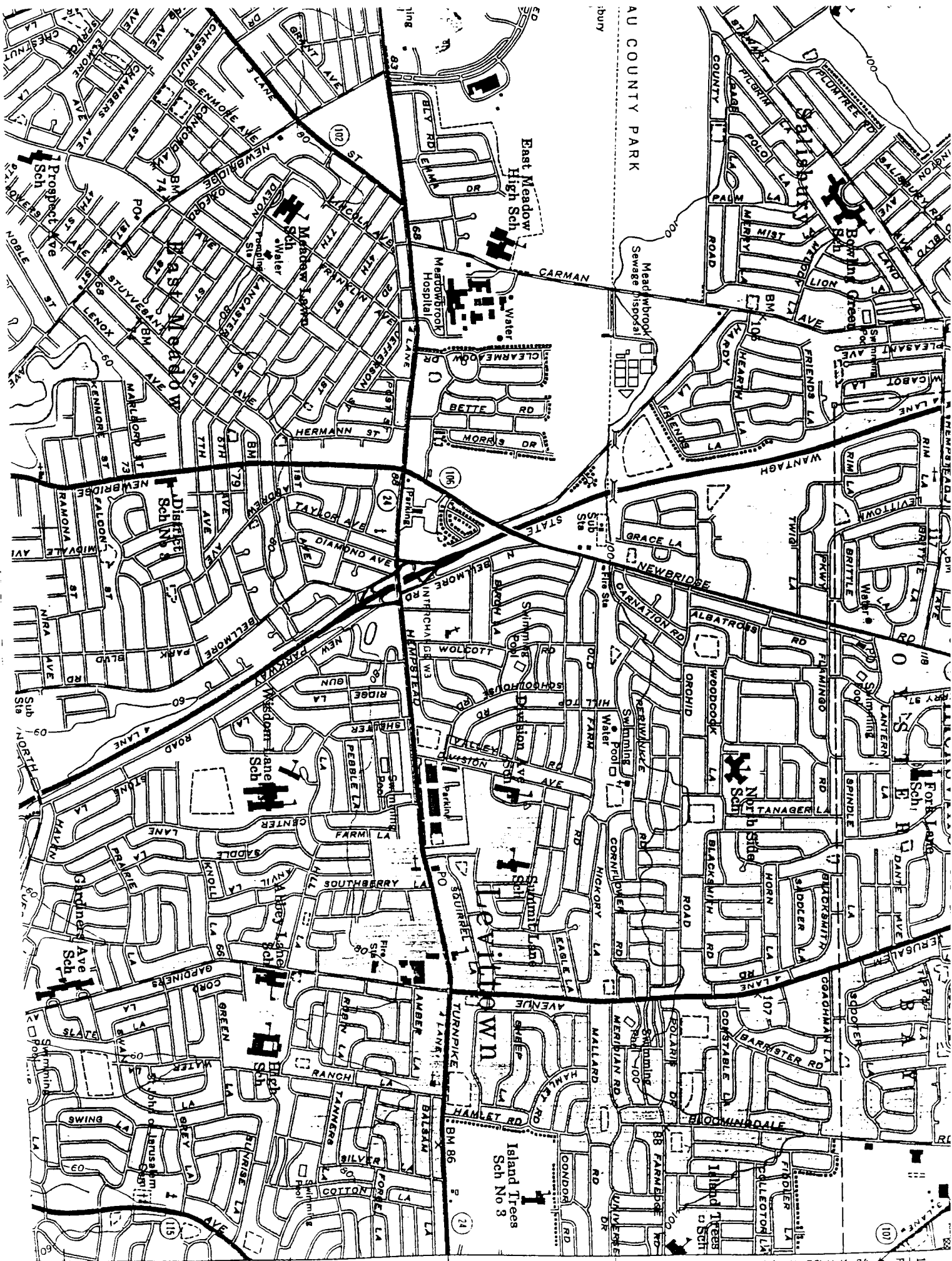
SCALE 1:24,000

621 (FREEPORT) 6265 II NE  
622 WANTAGH 6 MI  
623 32°30' SOUTHERN STATE PKWY. 4 MI  
624  
625  
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979 926000m E

1979 Hicksville, NY

NGINS000143699



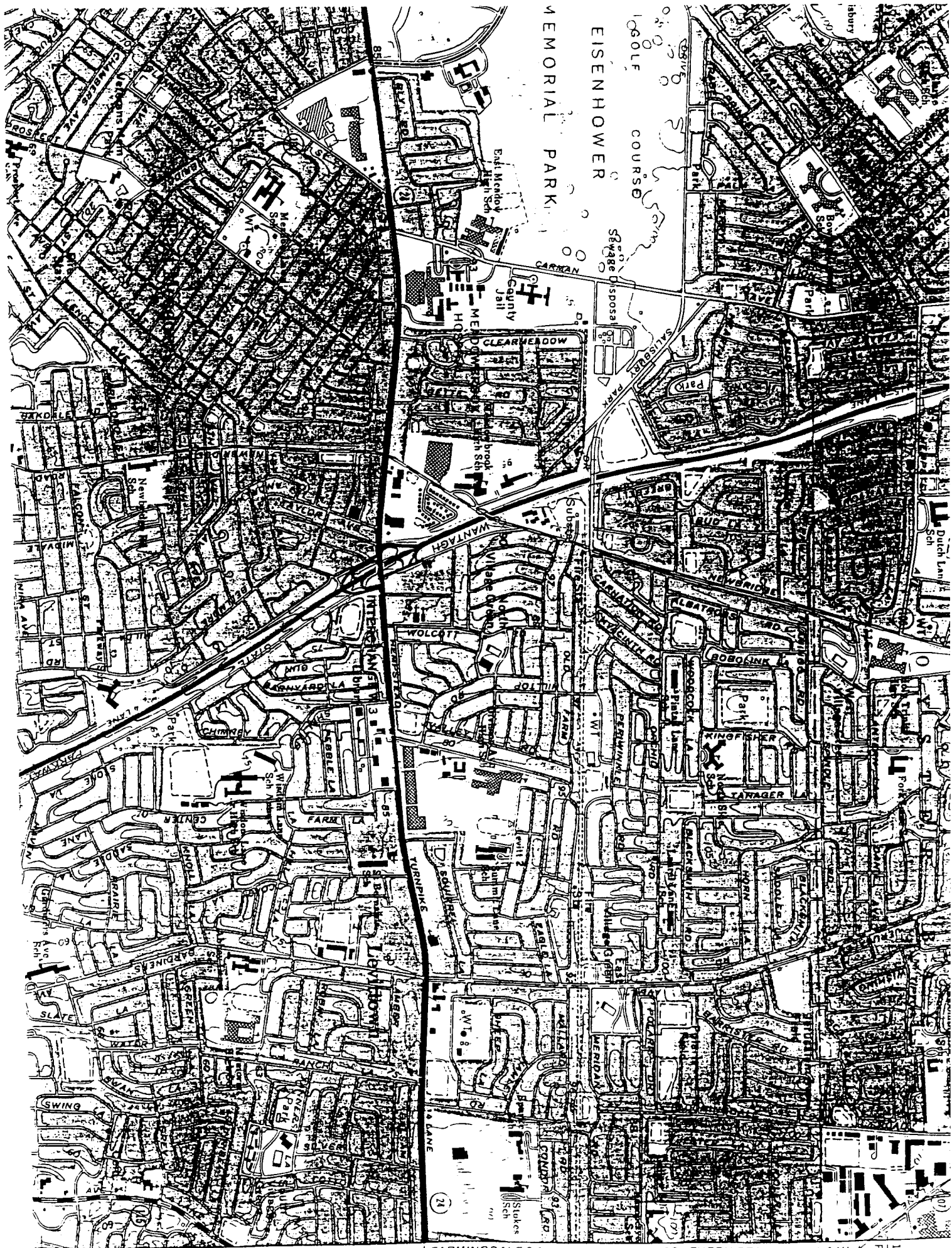


0.6 MI. TO N.Y. 24      0.1 MI. TO N.Y. 115      1.4 MI. TO N.Y. 24  
 FARMINGDALE 2.9 MI.      MASSAPEQUA 4.9 MI.

1955 FREDRICK NY

NGINS000143701





MEMORIAL PARK

EISENHOWER

GOLF COURSE

FARMINGDALE 2.9 MI.

SOUTHERN STATE PKWY 3 MI

1:90,000  
FEET

42°30'

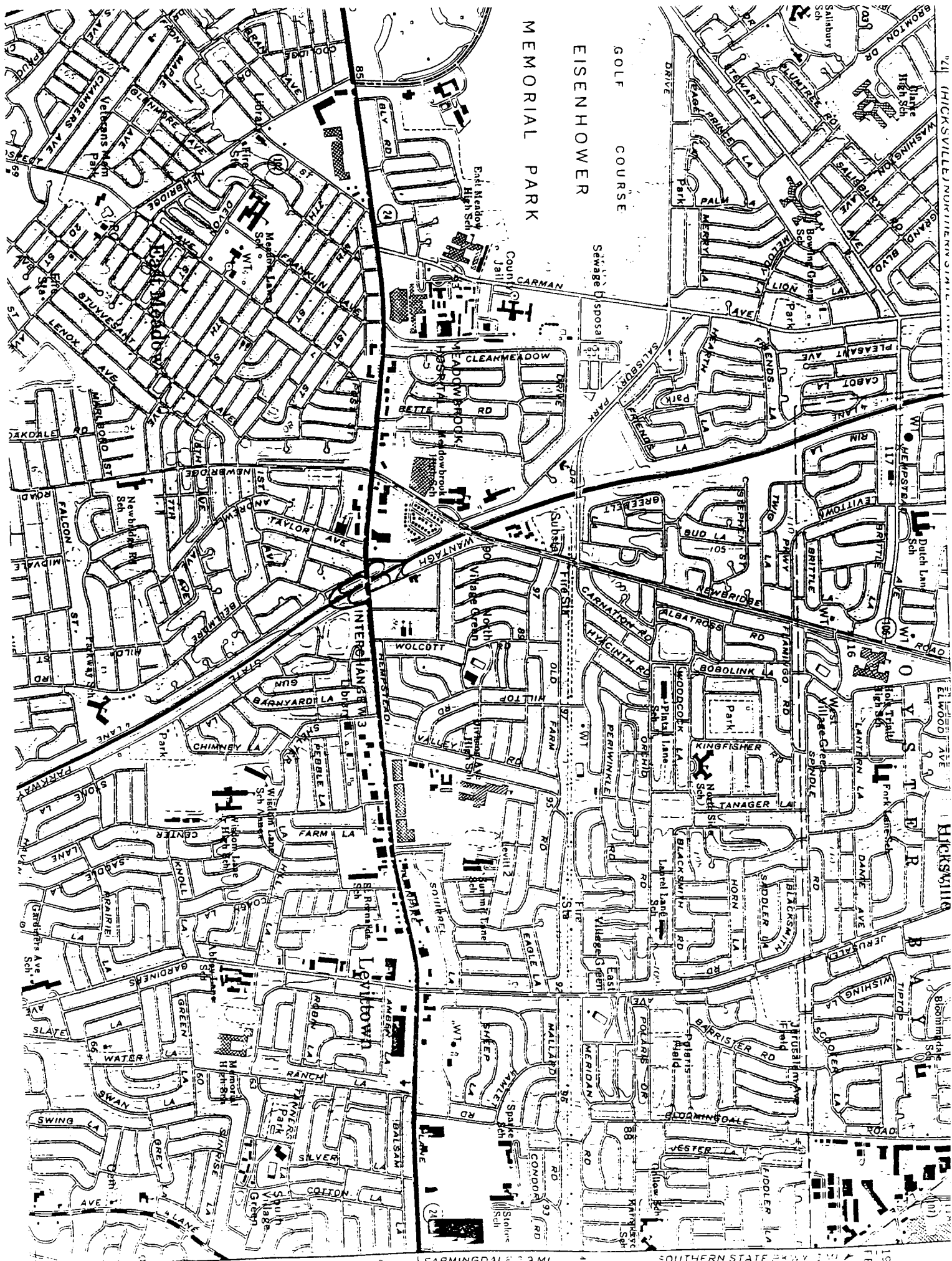
43°08'

43°09'

43°10'

1969 Freeport, NY

NGINS000143702



421 (HICKSVILLE) BOURGEOIS ST. L. 190 071

MEMORIAL PARK  
EISENHOWER  
GOLF COURSE

1979 Freedom NY

NGINS000143703

4230

4508

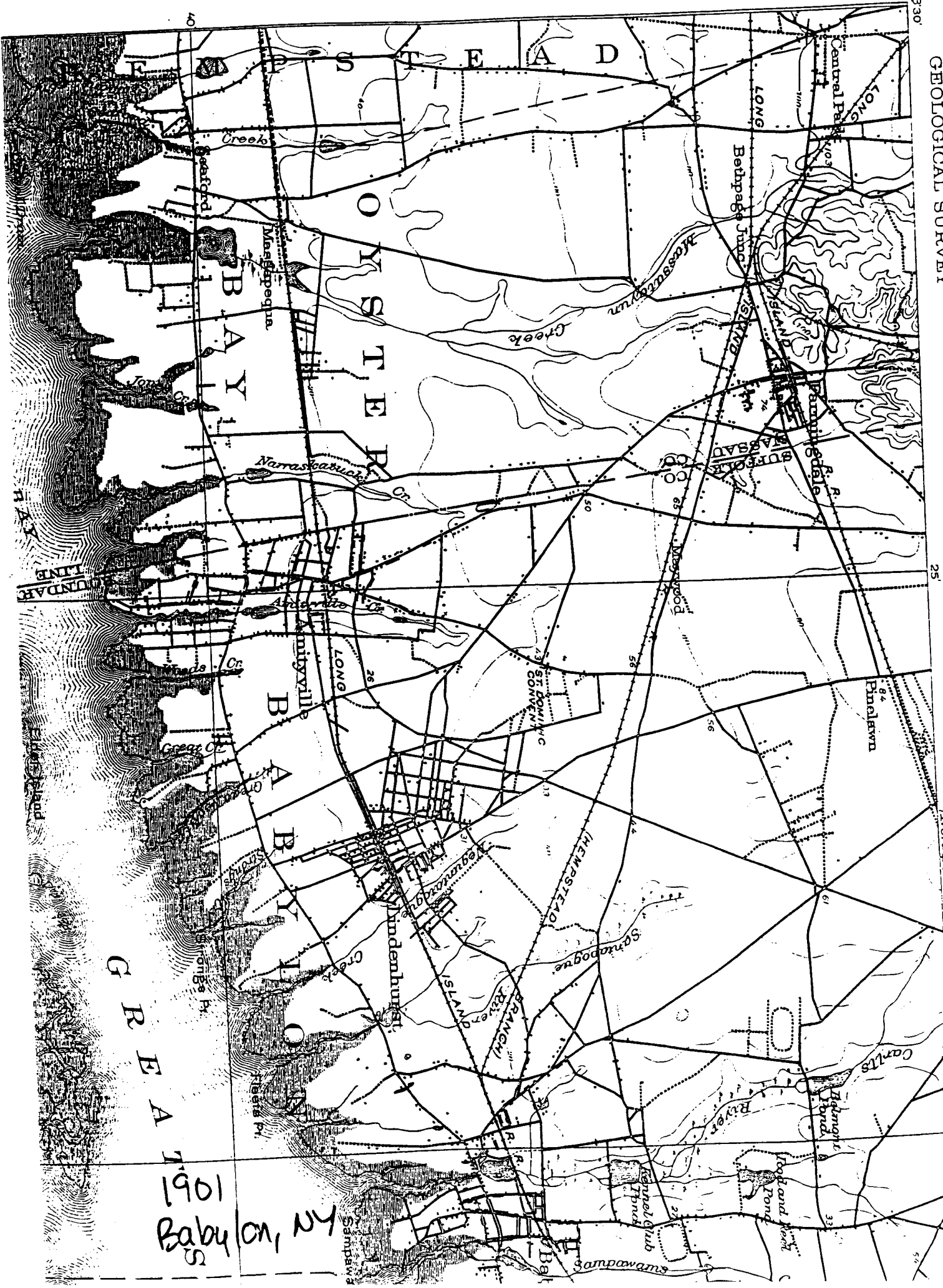
4509

4510

190 071  
FEET

FARMINGDALE 2.9 MI

SOUTHERN STATE PKWY 2 MI



GRANT

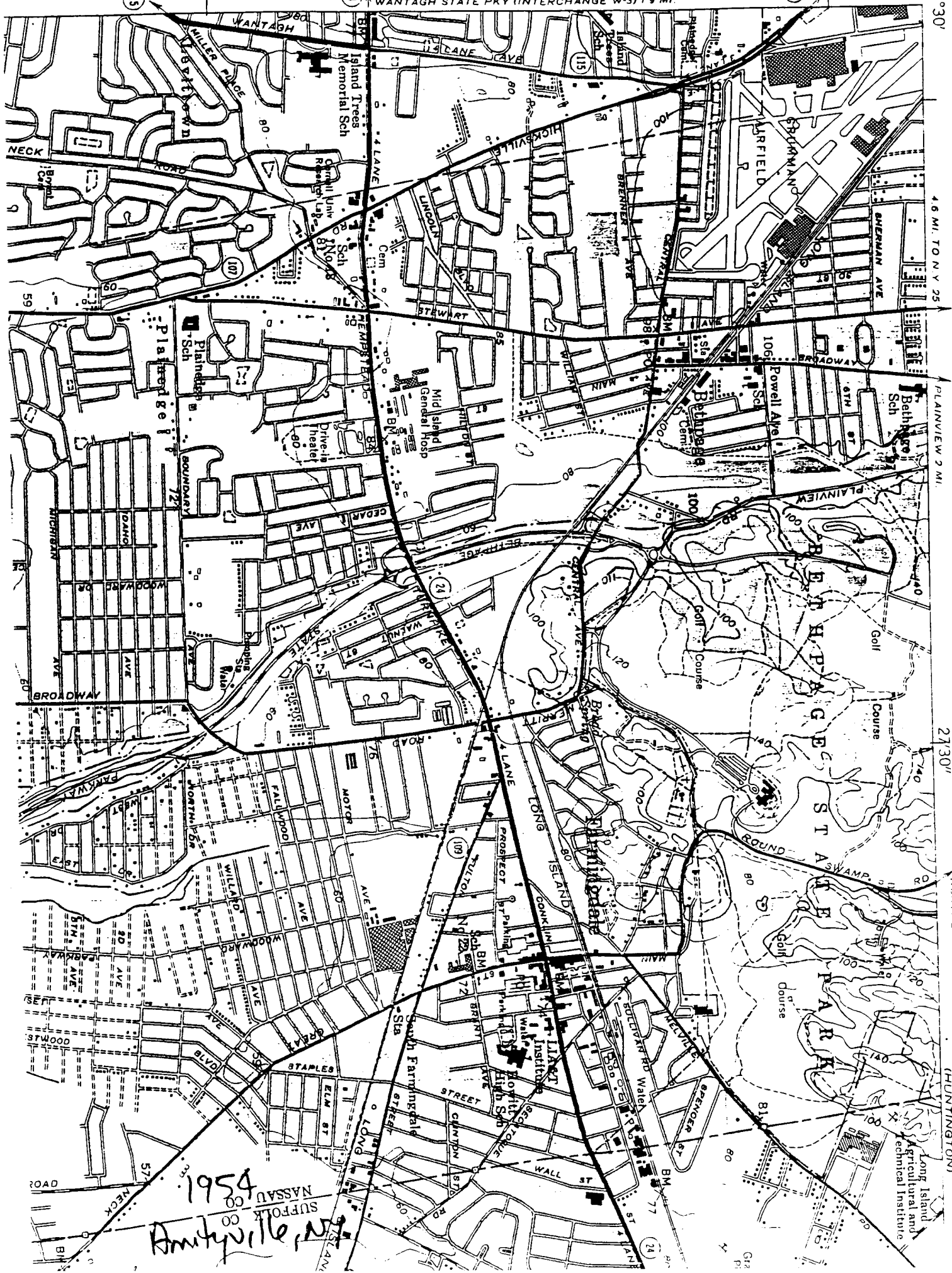
BABYLON, NY  
1901

WANTAGH 3.2 MI  
SOUTHERN STATE PKY (INTERCHANGE 28) 1.3 MI

HEMPSTEAD 7 MI  
WANTAGH STATE PKY (INTERCHANGE W-3) 1.9 MI

NORTHERN STATE PKY (INTERCHANGE 35) 3.1 MI  
HICKSVILLE 2 MI

40°45'  
73°30'



4.6 MI. TO N.Y. 25

PLAINVIEW 2 MI.

2730'

(HUNTINGTON)

1954  
 NASSAU CO  
 SUPPL. CO  
 Amityville, NY

2'30"

4508

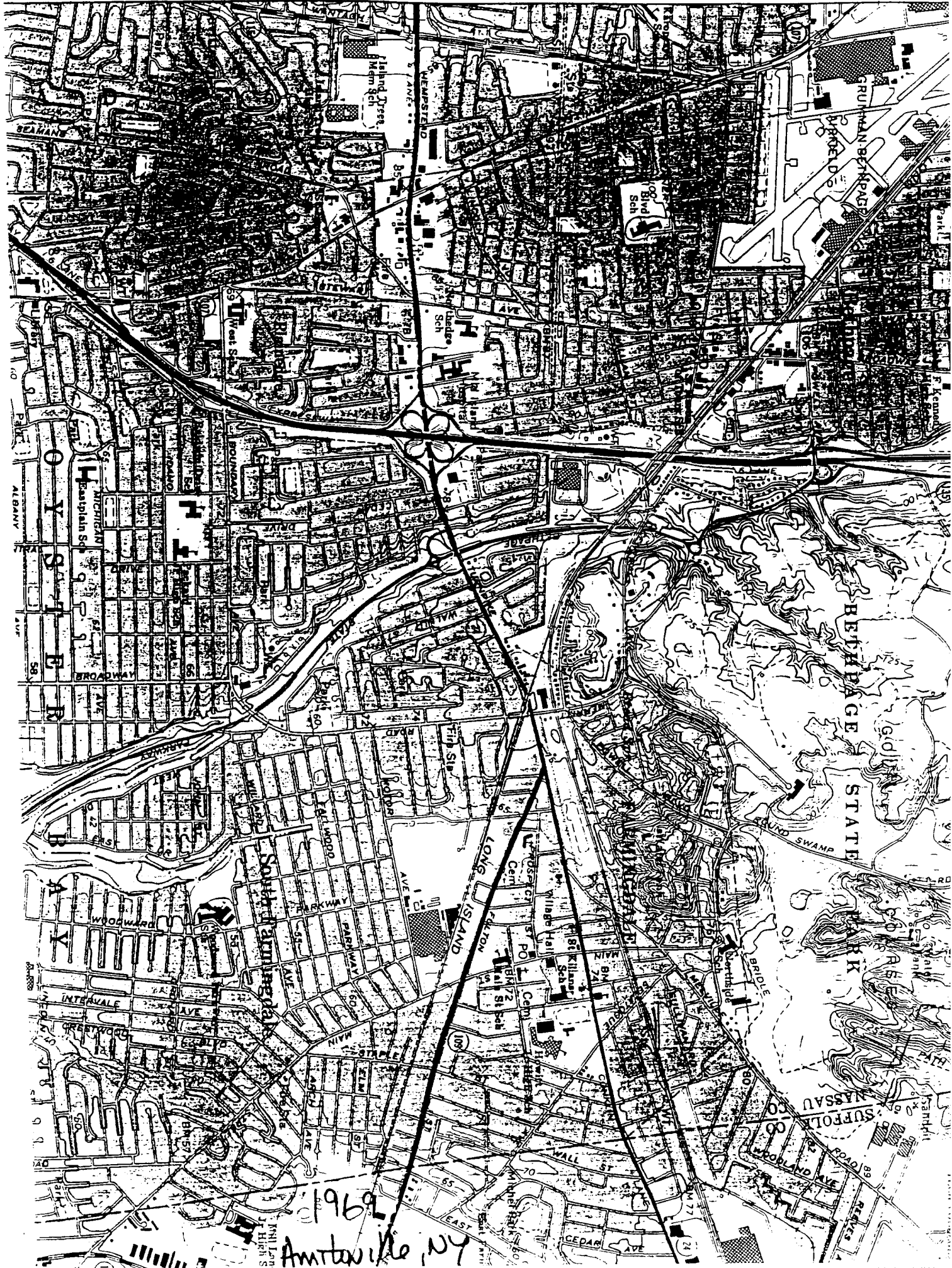
4509

(24)

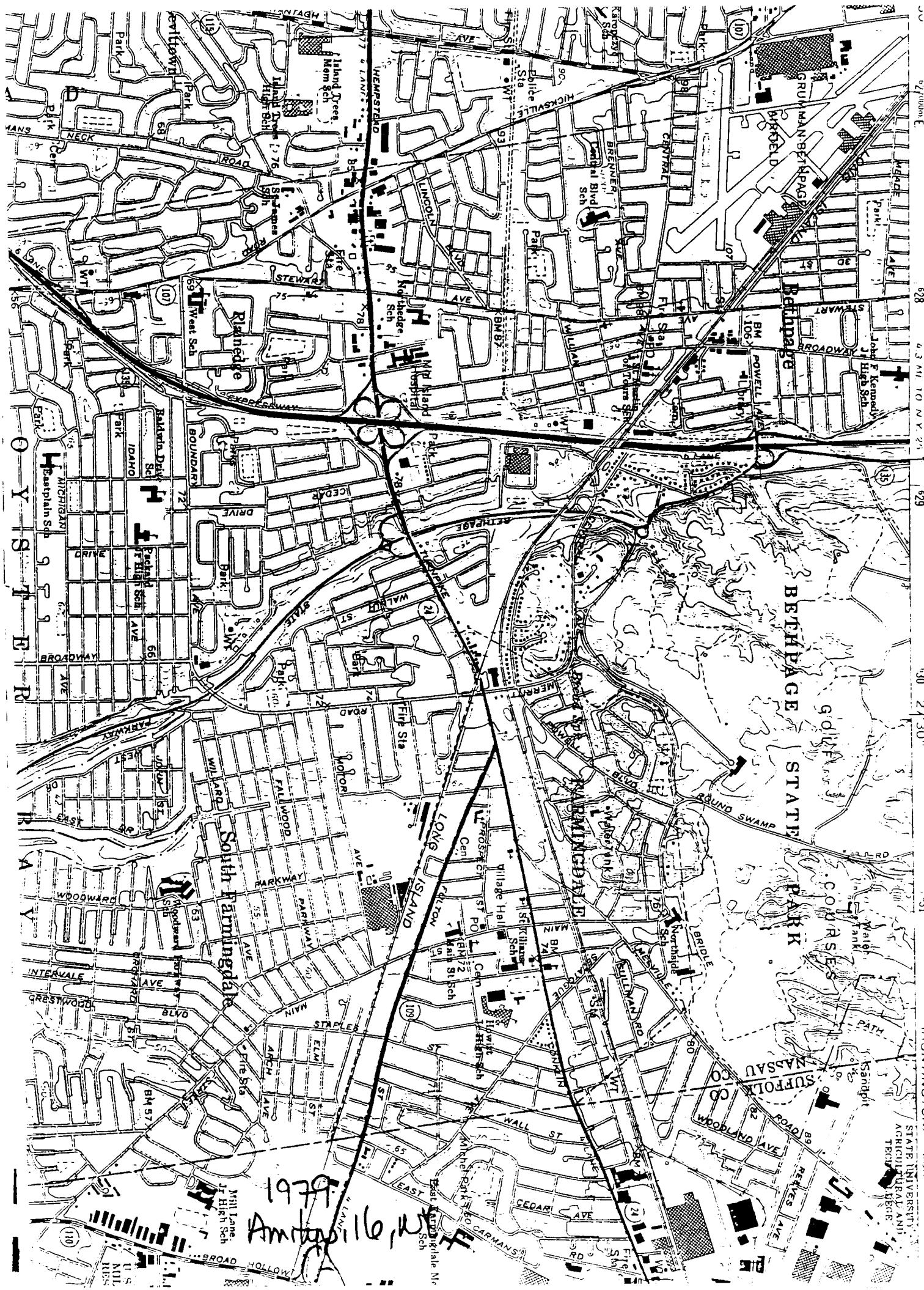
HEMPSTEAD 7 MI.

10000m N

GLEN COVE 12 MI. ↗



1969  
Amityville, NY

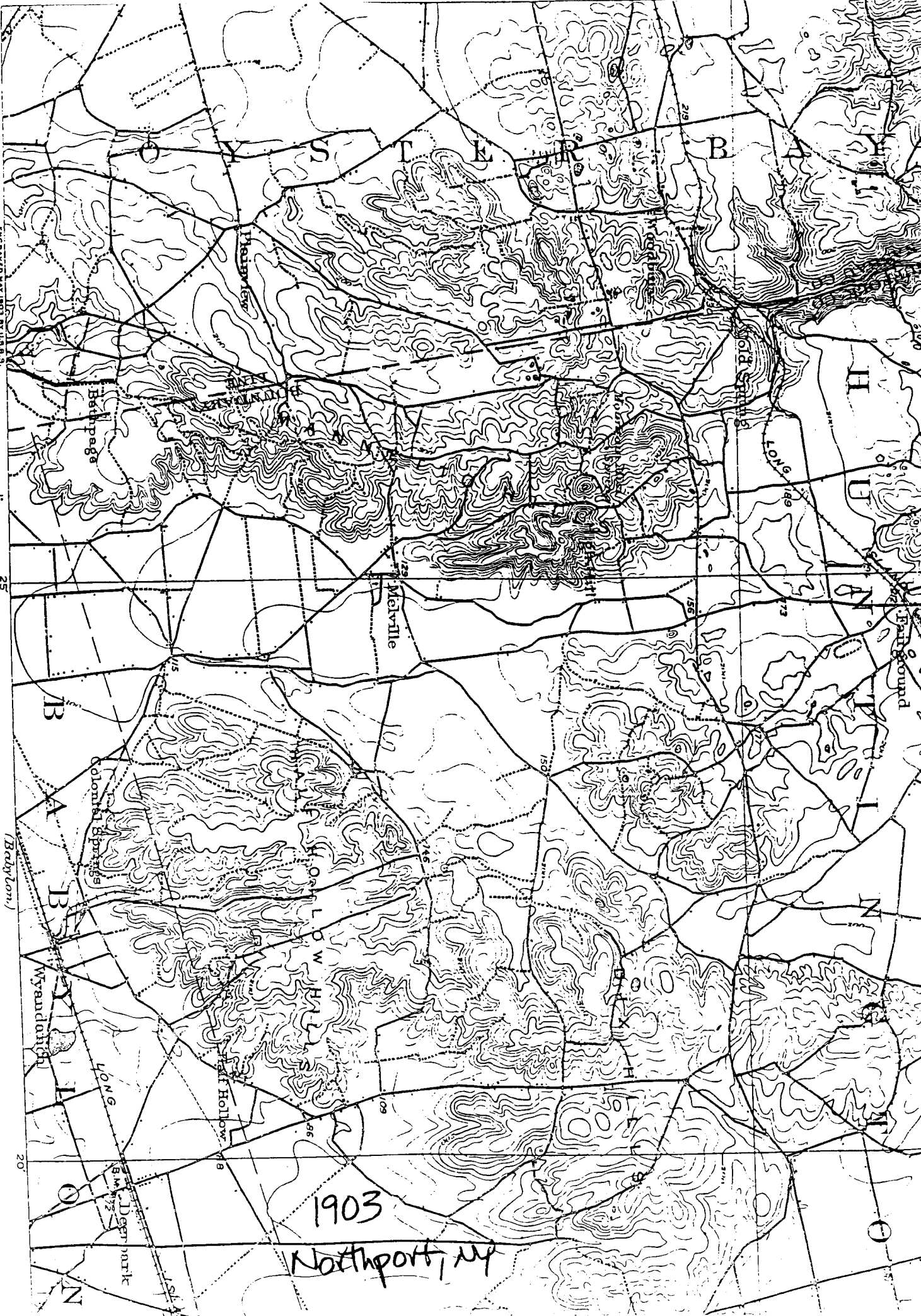


1979  
Amityville, NY

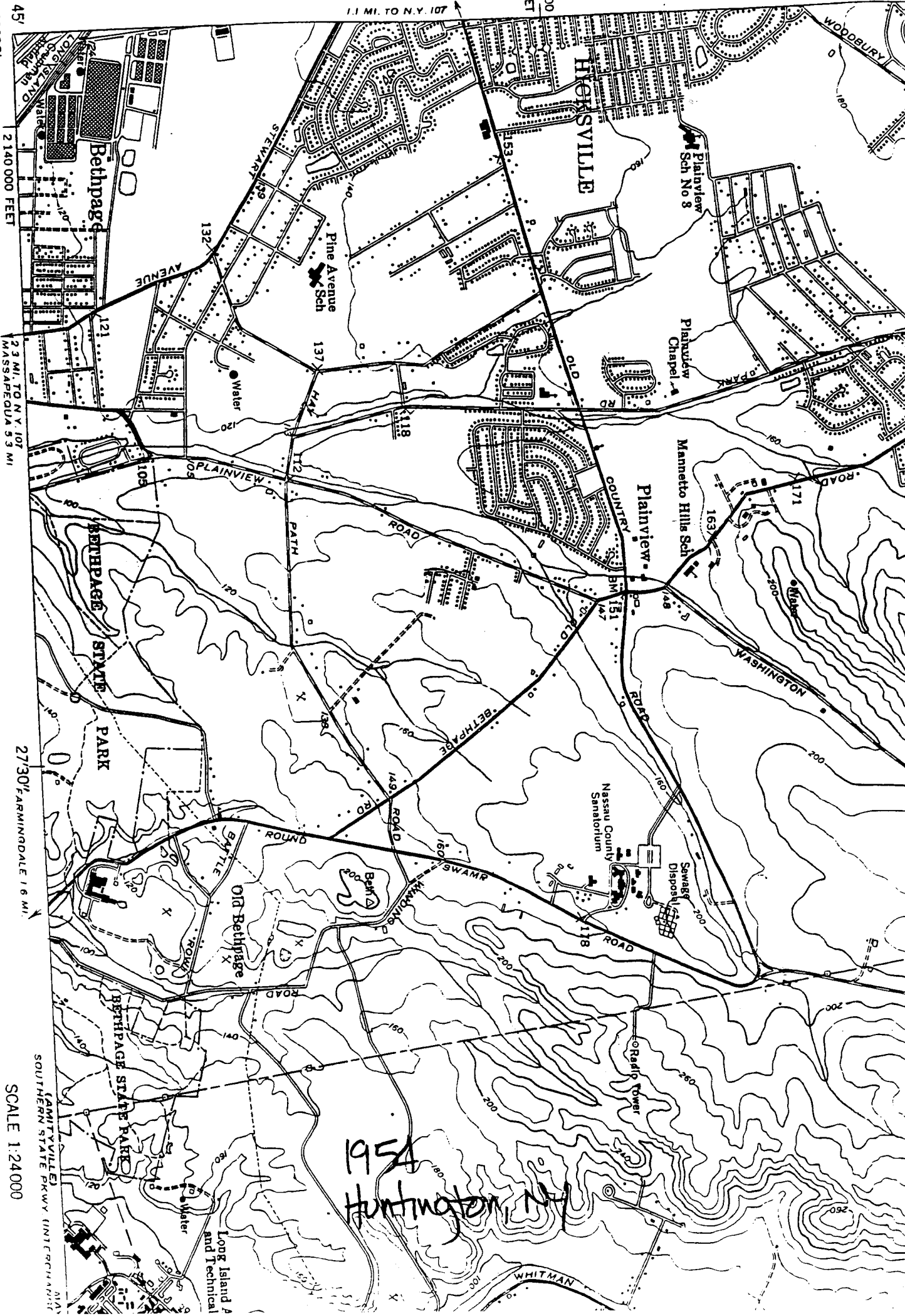
Amityville, NY

H M Wilson, Geographer in charge.

ENGRAVED MAY 1903 BY U.S.G.S.



1903  
Northport, NY



1954  
Huntington NY

45°  
73°30'  
Manned by the Army Map Service

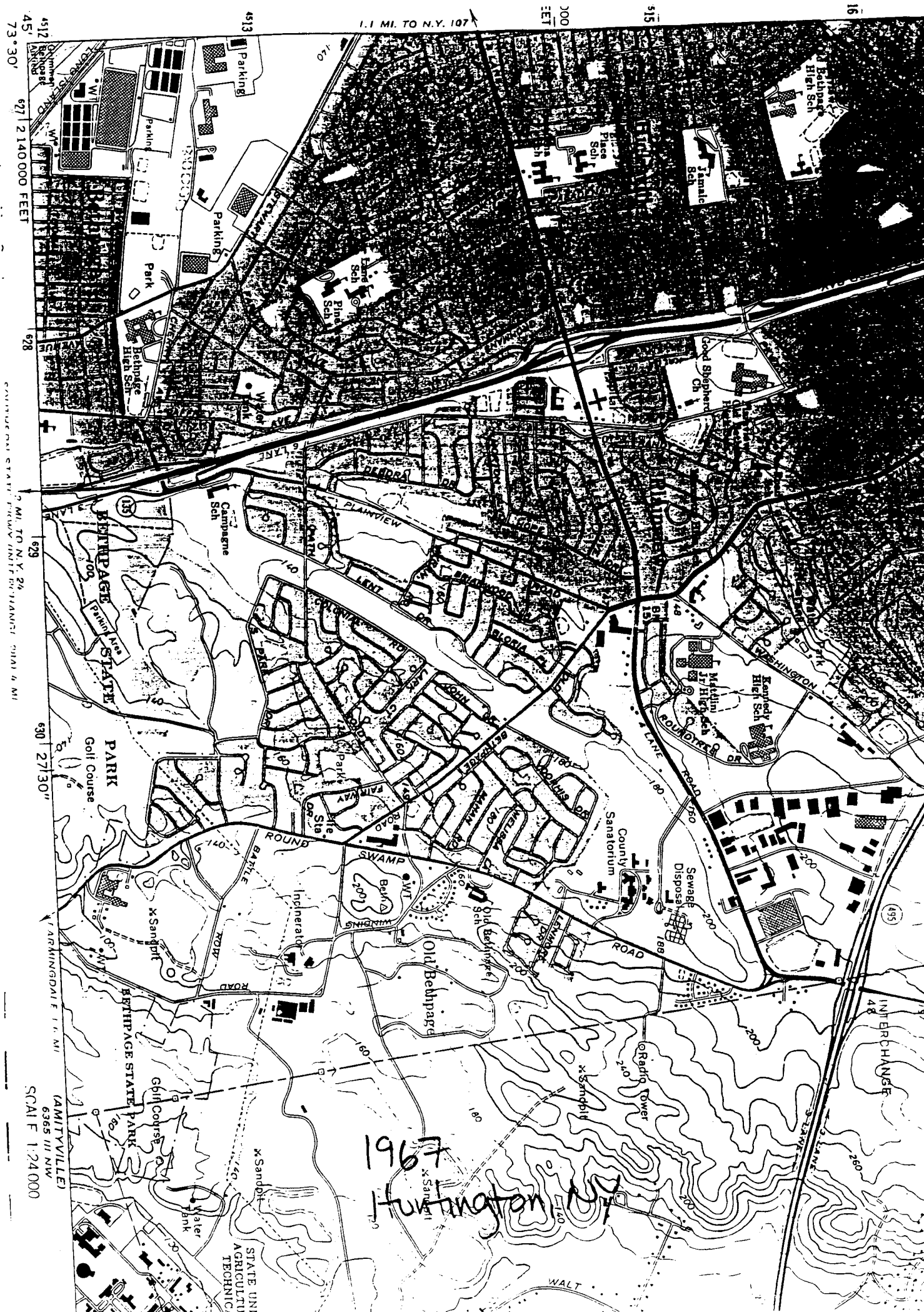
2 140 000 FEET  
23 MI. TO N.Y. 107  
MASSAPEQUA 5.3 MI

27°30' FARMINGDALE 1.6 MI.

SCALE 1:24000

(AMTNYVILLE)  
SOUTHERN STATE PKWY INTERCHANGE

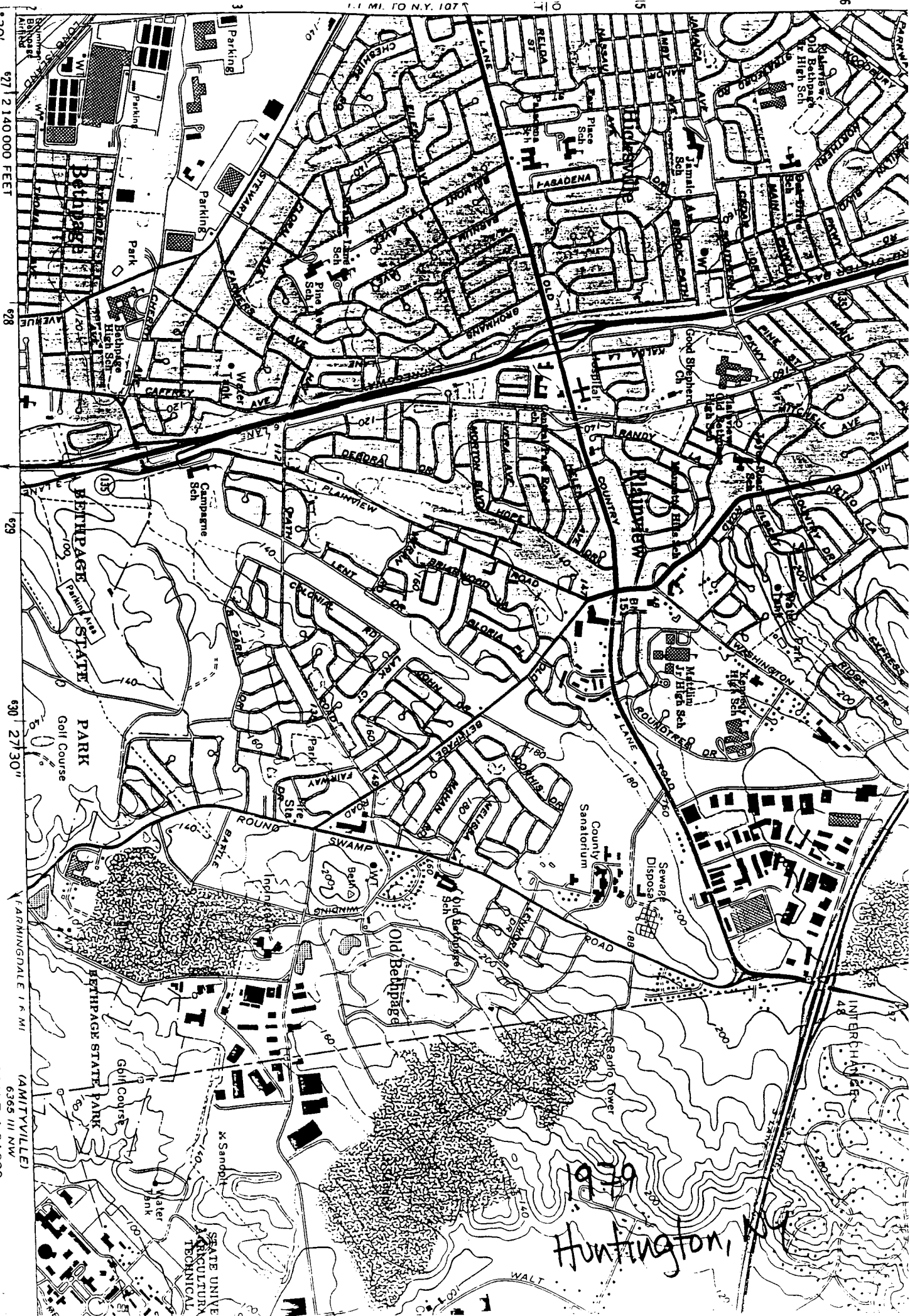




1967  
 Huntington NY

451  
 452  
 453  
 927  
 928  
 929  
 930  
 2140000 FEET  
 27130"  
 1:24000  
 STATE UNIV. OF N.Y. AT ALBANY  
 DEPT. OF CIVIL ENGINEERING  
 6365 III NW  
 ALBANY, N.Y.

Mapped by the Army Map Service



1:1 MI. TO N.Y. 1077

2-MI. TO N.Y. 24  
SOUTHERN STATE PKWY INTERCHANGE 2801 & MI.

630 2730"

1.6 MI

(AMITYVILLE)

6365 11 NW  
CGA E 1:240000



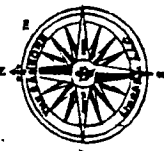




BRUNNMAN AEROSPACE



NGINS000143715

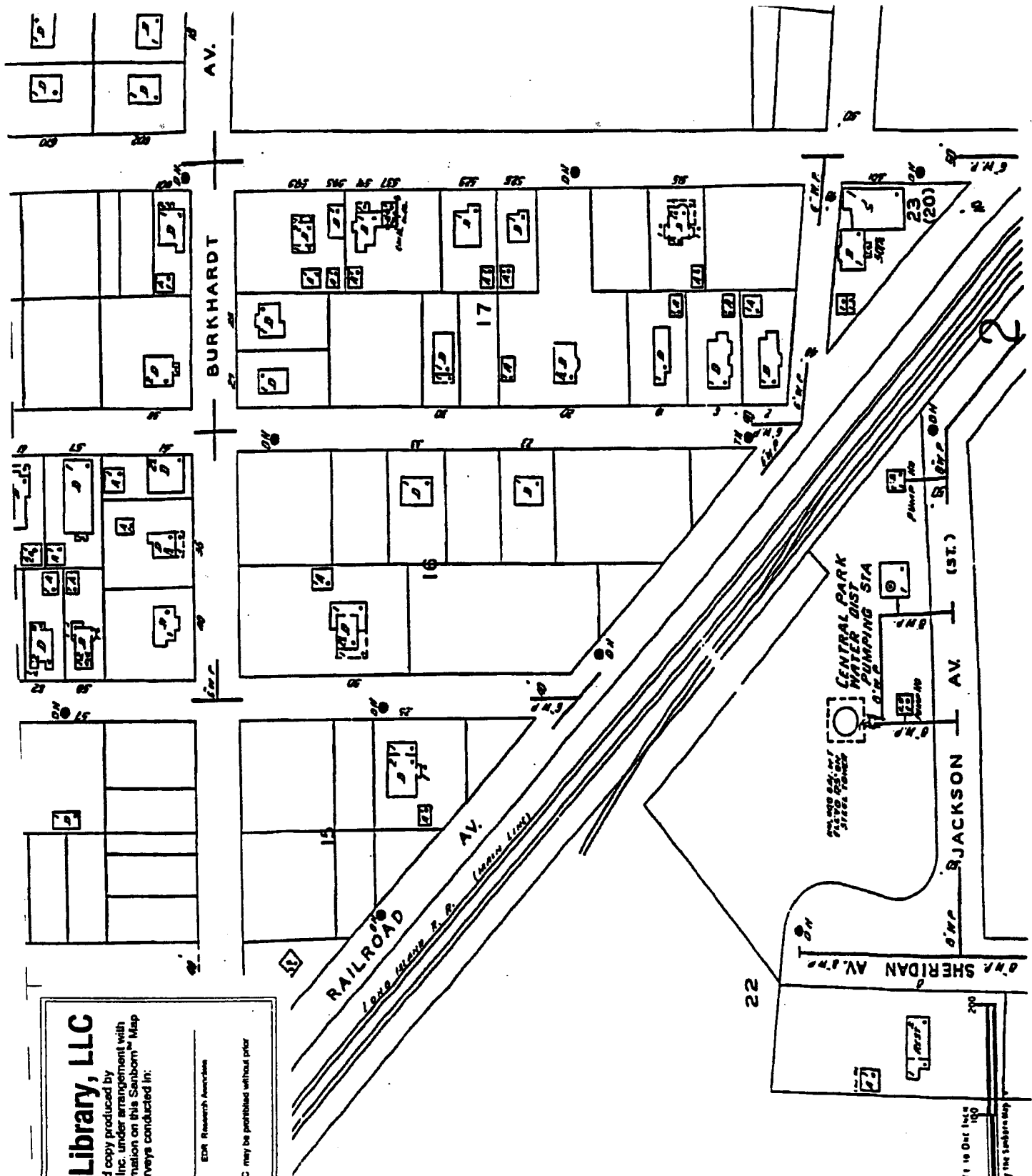


# The Sanborn Library, LLC

This Sanborn Map™ is a certified copy produced by Environmental Data Resources, Inc. under arrangement with The Sanborn Library, LLC. Information on this Sanborn™ Map is derived from Sanborn field surveys conducted in:

Copyright © The Sanborn Library, LLC EDR Research Associates  
Year 1950

Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



(2571)

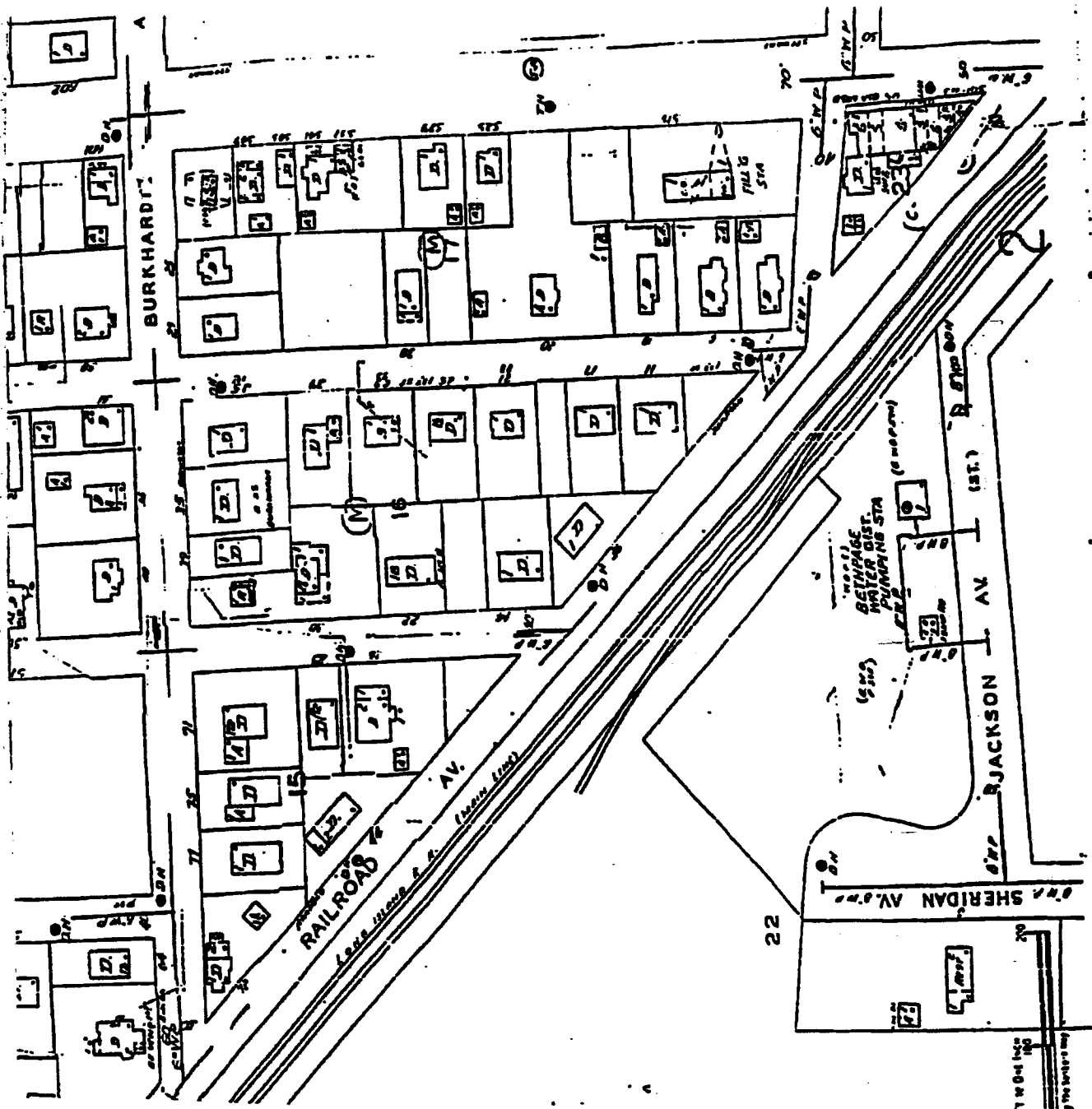


# The Sanborn Library, LLC

This Sanborn Map™ is a certified copy produced by Environmental Data Resources, Inc. under arrangement with The Sanborn Library, LLC. Information on this Sanborn™ Map is derived from Sanborn field surveys conducted in:

Copyright © The Sanborn Library, LLC  
Year 1965  
EDR Research America

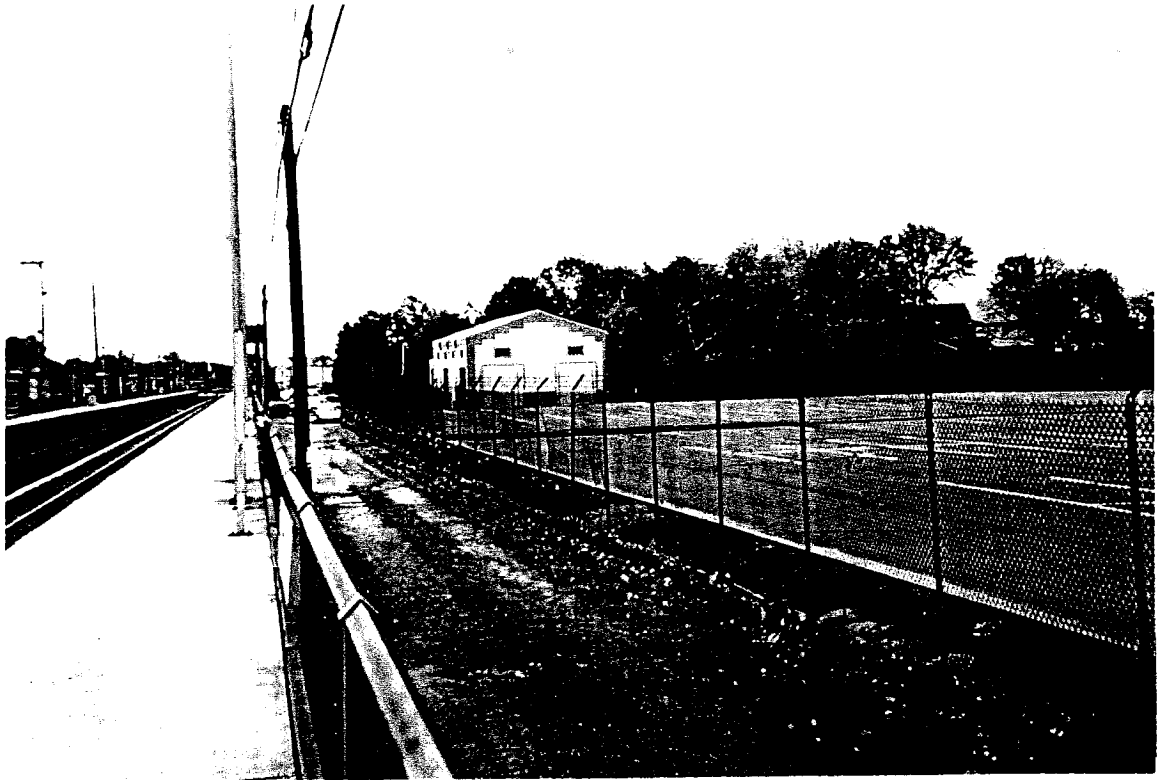
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be purchased without prior written permission from The Sanborn Library, LLC.



62970



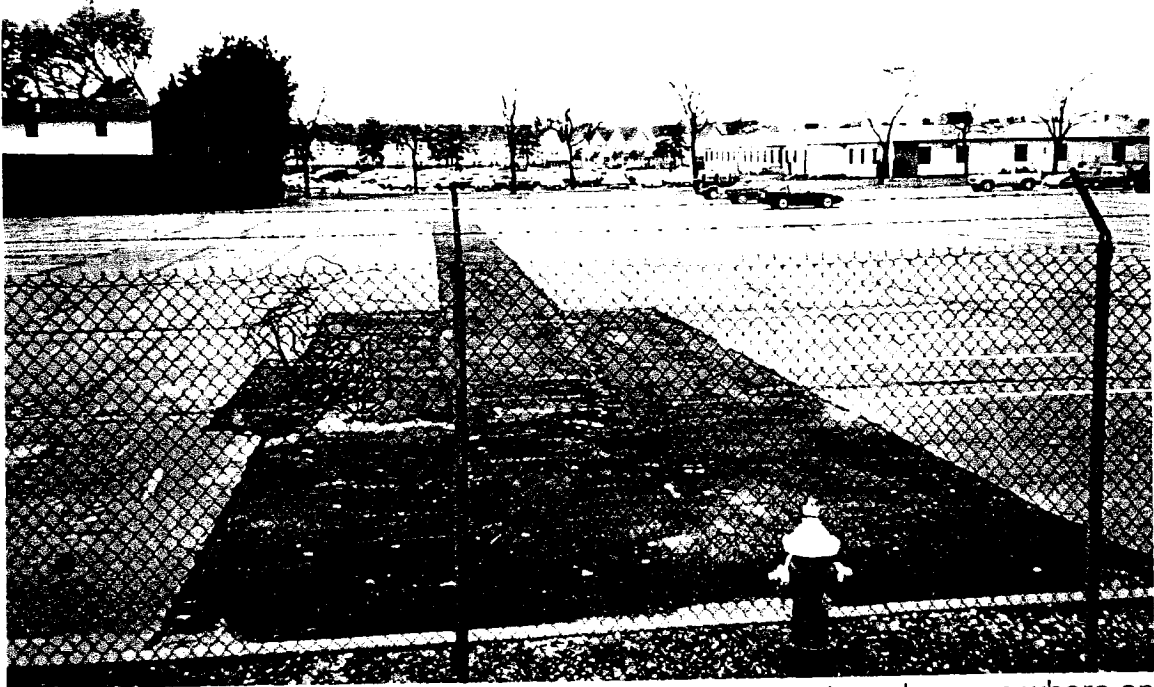
**APPENDIX B  
PHOTOGRAPHS**



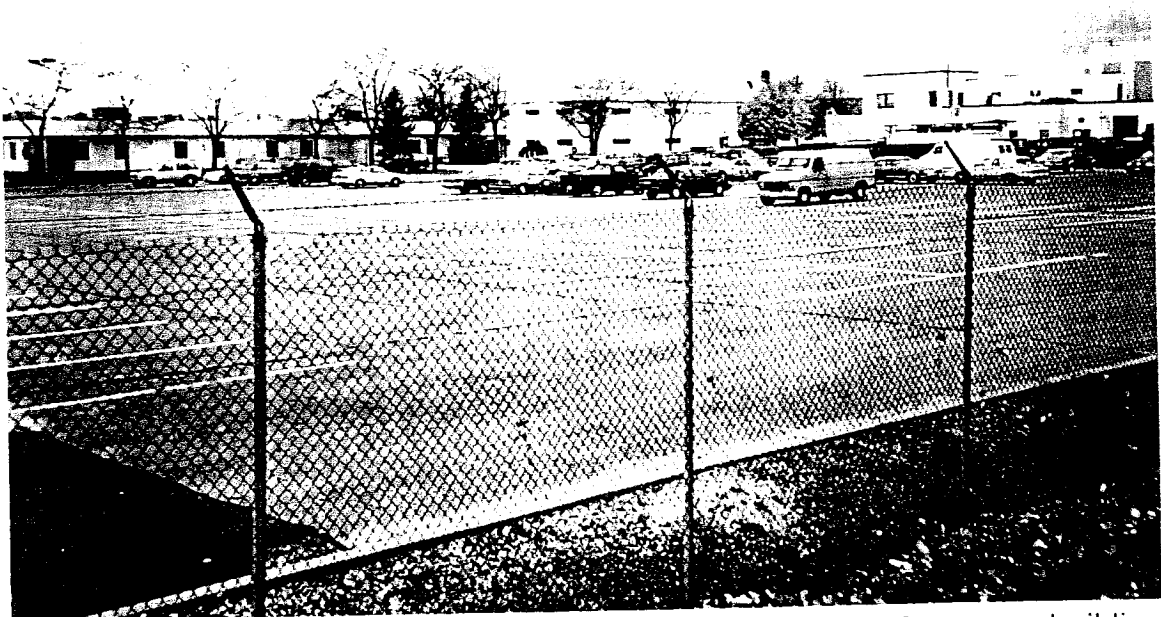
**Photograph 1:** Easterly view of the northeasternmost portion of Parcel X (vacant subject parking lot). The LIRR eastbound platform and power house can be seen to the north and east, respectively.



**Photograph 2:** Southeastern view of Parcel X. Residences along North Sheridan Avenue can be seen in the background.



**Photograph 3:** Southern view of Parcel X. New pavement can be seen where an 8-inch water main and its 20-foot wide water easement are located.



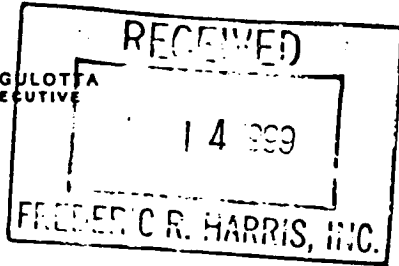
**Photograph 4:** Southwestern view of Parcel X. Northrop Grumman building structures associated with Plant 1 can be seen in the background. The portion of the parking area shown in-use will remain a Northrop Grumman parking area.



**Photograph 5:** Western view of the northwesternmost portion of Parcel X. The LIRR Ronkonkoma platforms are seen to the north and the Northrop Grumman Plant 1, water tower and associated parking are seen adjacent to the west.

**APPENDIX C**  
**PROJECT CORRESPONDENCE**

THOMAS S. GULOTTA  
COUNTY EXECUTIVE



KATHLEEN A. GAFFNEY, M.D., M.P.H.  
COMMISSIONER

COUNTY OF NASSAU  
DEPARTMENT OF HEALTH  
240 OLD COUNTRY ROAD  
MINEOLA, N.Y. 11501-4250

5/11/99  
RE: Drummer Corp  
Inp Center  
Plant #14  
Bethpage, Ny

Dear Mr. Folli;

Your request for access to records of the Department of Health has been approved. Records will be made available during normal working hours at 240 Old Country Road, Mineola, and there will be a 25¢ per page fee for photo copying any Nassau County Records. (NOTE: Responses to Lead FOIL requests are handled separately.)

The Nassau County Department of Health shall not be responsible for inaccuracies in electronic information due to programming and/or clerical error.

Listed below are the Bureau(s) which have searched their files for records pertaining to your request. Please call the Bureau(s) checked below and speak to the contact person before arriving to see the records:

<u>BUREAU(S)</u>	<u>CONTACT PERSON</u>
<input checked="" type="checkbox"/> <u>ENVIRONMENTAL MANAGEMENT AND/OR ENGINEERING</u> Petroleum & Chemical Tanks & Bulk Storage, Including Spills & Leaks; Medical Waste; Solid Waste; Air Emission Permits; Road Salt Storage; Underground Injection Control (dry cleaners only)	Mr. Silvers 571-2404
<input type="checkbox"/> <u>ENVIRONMENTAL INVESTIGATION AND ASSESSMENT</u> Environmental Investigations and Complaints Including Odors; Asbestos; Tobacco Smoking	Mr. Gaige 571-3232
<input type="checkbox"/> <u>WATER SUPPLY PROTECTION</u> Drinking Water; Private Wells; Groundwater Quality; Backflow Prevention Devices; Bottled Water; Realty Subdivisions Private Sewage Disposal; Sewer Extensions; Sewer Connections; Underground Injection Control(except dry cleaners)	Mr. Irwin 571-3323
<u>ENVIRONMENTAL SANITATION</u>	
<input type="checkbox"/> Food Protection.	Mr. Lynch 571-3680
<input type="checkbox"/> Summer Camps; Temporary Residences; Bathing Facilities.	Mr. Jacobs 571-3680
<input type="checkbox"/> Housing; Rodent Control; Heat; General Nuisance.	Mr. Putnam 571-2328
<input type="checkbox"/> Radiological Health.	Mr. Waldeman 571-3313
<input type="checkbox"/> <u>No Records Noted</u>	

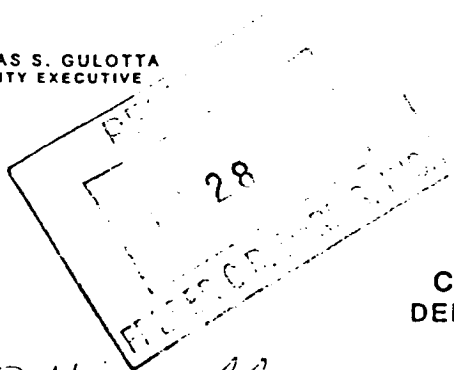
Yours truly,

Nola Sanchez  
(516) 571-3571

THOMAS S. GULOTTA  
COUNTY EXECUTIVE



KATHLEEN A. GAFFNEY, M.D., M.P.H.  
COMMISSIONER



COUNTY OF NASSAU  
DEPARTMENT OF HEALTH

240 OLD COUNTRY ROAD  
MINEOLA, N.Y. 11501-4250

5/25/99  
RE: Citgo Gas Station  
515 Stewart Avenue  
Bethpage, N.Y.

Dear Mr. Falli:

Your request for access to records of the Department of Health has been approved. Records will be made available during normal working hours at 240 Old Country Road, Mineola, and there will be a 25¢ per page fee for photo copying any Nassau County Records. (NOTE: Responses to Lead FOIL requests are handled separately.)

The Nassau County Department of Health shall not be responsible for inaccuracies in electronic information due to programming and/or clerical error.

Listed below are the Bureau(s) which have searched their files for records pertaining to your request. Please call the Bureau(s) checked below and speak to the contact person before arriving to see the records:

<u>BUREAU(S)</u>	<u>CONTACT PERSON</u>
<input checked="" type="checkbox"/> <u>ENVIRONMENTAL MANAGEMENT AND/OR ENGINEERING</u> Petroleum & Chemical Tanks & Bulk Storage, Including Spills & Leaks; Medical Waste; Solid Waste; Air Emission Permits; Road Salt Storage; Underground Injection Control (dry cleaners only)	Mr. Silvers 571-2404
<input checked="" type="checkbox"/> <u>ENVIRONMENTAL INVESTIGATION AND ASSESSMENT</u> Environmental Investigations and Complaints Including Odors; Asbestos; Tobacco Smoking	Mr. Gaige 571-3232
<input checked="" type="checkbox"/> <u>WATER SUPPLY PROTECTION</u> Drinking Water; Private Wells; Groundwater Quality; Backflow Prevention Devices; Bottled Water; Realty Subdivisions; Private Sewage Disposal; Sewer Extensions; Sewer Connections; Underground Injection Control(except dry cleaners)	Mr. Irwin 571-3323
<input type="checkbox"/> <u>ENVIRONMENTAL SANITATION</u>	
<input type="checkbox"/> Food Protection.	Mr. Lynch 571-3680
<input type="checkbox"/> Summer Camps; Temporary Residences; Bathing Facilities.	Mr. Jacobs 571-3680
<input type="checkbox"/> Housing; Rodent Control; Heat; General Nuisance.	Mr. Putnam 571-2328
<input type="checkbox"/> Radiological Health.	Mr. Walderman 571-3313
<input type="checkbox"/> <u>No Records Noted</u>	

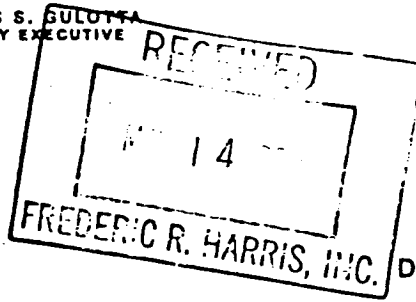
Yours truly,

Nola Sanchez  
(516) 571-3571

THOMAS S. GULOTTA  
COUNTY EXECUTIVE



KATHLEEN A. GAFFNEY, M.D., M.P.H.  
COMMISSIONER



COUNTY OF NASSAU  
DEPARTMENT OF HEALTH  
240 OLD COUNTRY ROAD  
MINEOLA, N.Y. 11601-4250

5/11/99  
RE: L.S. Labrode  
Bethpage, N.Y.

Dear Mr. Folli:

Your request for access to records of the Department of Health has been approved. Records will be made available during normal working hours at 240 Old Country Road, Mineola, and there will be a 25¢ per page fee for photo copying any Nassau County Records. (NOTE: Responses to Lead FOIL requests are handled separately.)

The Nassau County Department of Health shall not be responsible for inaccuracies in electronic information due to programming and/or clerical error.

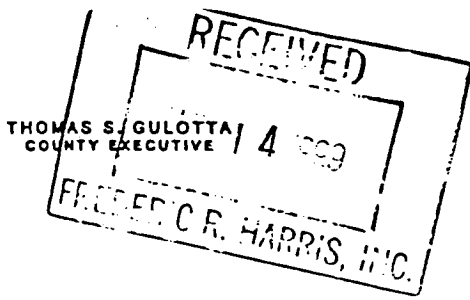
Listed below are the Bureau(s) which have searched their files for records pertaining to your request. Please call the Bureau(s) checked below and speak to the contact person before arriving to see the records:

<u>BUREAU(S)</u>	<u>CONTACT PERSON</u>
<input type="checkbox"/> <u>ENVIRONMENTAL MANAGEMENT AND/OR ENGINEERING</u> Petroleum & Chemical Tanks & Bulk Storage, Including Spills & Leaks; Medical Waste; Solid Waste; Air Emission Permits; Road Salt Storage; Underground Injection Control (dry cleaners only)	Mr. Silvers 571-2404
<input type="checkbox"/> <u>ENVIRONMENTAL INVESTIGATION AND ASSESSMENT</u> Environmental Investigations and Complaints Including Odors; Asbestos; Tobacco Smoking	Mr. Gaige 571-3232
<input type="checkbox"/> <u>WATER SUPPLY PROTECTION</u> Drinking Water; Private Wells; Groundwater Quality; Backflow Prevention Devices; Bottled Water; Realty Subdivisions Private Sewage Disposal; Sewer Extensions; Sewer Connections; Underground Injection Control(except dry cleaners)	Mr. Irwin 571-3323
<u>ENVIRONMENTAL SANITATION</u>	
<input type="checkbox"/> Food Protection.	Mr. Lynch 571-3680
<input type="checkbox"/> Summer Camps; Temporary Residences; Bathing Facilities.	Mr. Jacobs 571-3680
<input type="checkbox"/> Housing; Rodent Control; Heat; General Nuisance.	Mr. Putnam 571-2328
<input type="checkbox"/> Radiological Health.	Mr. Waldeman 571-3313

No Records Noted

Yours truly,  
  
Nola Sanchez  
(516) 571-3571





KATHLEEN A. GAFFNEY, M.D., M.P.H.  
COMMISSIONER

COUNTY OF NASSAU  
DEPARTMENT OF HEALTH  
240 OLD COUNTRY ROAD  
MINEOLA, N.Y. 11501-4250

5/11/99  
RE: S. + S. Dimoco  
489 Stewart Avenue  
Bethpage, N.Y.

Dear Mr. Folli's

Your request for access to records of the Department of Health has been approved. Records will be made available during normal working hours at 240 Old Country Road, Mineola, and there will be a 25¢ per page fee for photo copying any Nassau County Records. (NOTE: Responses to Lead FOIL requests are handled separately.)

The Nassau County Department of Health shall not be responsible for inaccuracies in electronic information due to programming and/or clerical error.

Listed below are the Bureau(s) which have searched their files for records pertaining to your request. Please call the Bureau(s) checked below and speak to the contact person before arriving to see the records:

<u>BUREAU(S)</u>	<u>CONTACT PERSON</u>
<input checked="" type="checkbox"/> <u>ENVIRONMENTAL MANAGEMENT AND/OR ENGINEERING</u> Petroleum & Chemical Tanks & Bulk Storage, Including Spills & Leaks; Medical Waste; Solid Waste; Air Emission Permits; Road Salt Storage; Underground Injection Control (dry cleaners only)	Mr. Silvers 571-2404
<input type="checkbox"/> <u>ENVIRONMENTAL INVESTIGATION AND ASSESSMENT</u> Environmental Investigations and Complaints Including Odors; Asbestos; Tobacco Smoking	Mr. Gaige 571-3232
<input checked="" type="checkbox"/> <u>WATER SUPPLY PROTECTION</u> Drinking Water; Private Wells; Groundwater Quality; Backflow Prevention Devices; Bottled Water; Realty Subdivisions Private Sewage Disposal; Sewer Extensions; Sewer Connections; Underground Injection Control(except dry cleaners)	Mr. Irwin 571-3323
<u>ENVIRONMENTAL SANITATION</u>	
<input type="checkbox"/> Food Protection.	Mr. Lynch 571-3680
<input type="checkbox"/> Summer Camps; Temporary Residences; Bathing Facilities.	Mr. Jacobs 571-3680
<input type="checkbox"/> Housing; Rodent Control; Heat; General Nuisance.	Mr. Putnam 571-2328
<input type="checkbox"/> Radiological Health.	Mr. Walderman 571-3313
<input type="checkbox"/> <u>No Records Noted</u>	

Yours truly,

Nola Sanchez  
(516) 571-3571

APPLICATION FOR PUBLIC ACCESS TO ENVIRONMENTAL RECORDS  
**NASSAU COUNTY DEPARTMENT OF HEALTH**

TO: Records Access Officer  
Nassau County Department of Health  
240 Old Country Road  
Mineola, New York 11501

Date of Request: 4/27/99

Fax: (516) 571-1475, 571-3369

I Michael Folli  
Print your name

Michael Folli  
Signature

REPRESENTING Firm Frederic R. Harris, Inc.

Client Long Island Rail Road

Your Mailing Address 485 B Route One South, Iselin, NJ 08830

Phone Number 732-596-5011

Fax Number 732-636-6338

**HEREBY APPLY TO INSPECT RECORDS FOR THE FOLLOWING ESTABLISHMENT:**  
Complete One Application For Each Establishment

Name Grumman Aerospace Info Center Previous Name \_\_\_\_\_

Address Plant 14, Bethpage, NY 11714 (between Railroad Ave. & Jackson Ave.)  
No., Street, Community (We cannot identify parcels by their Section/Block/Lot)

Is the Establishment still in business? Yes  or No \_\_\_\_  
If no, enter year closed \_\_\_\_\_ (This is necessary to retrieve the file.)

REASON FOR REQUEST: Preparing an environmental survey of the project area as part of an Environmental Assessment Form under SEQRA.

**PLEASE CHECK THE BUREAUS WHOSE FILES YOU REQUEST TO BE SEARCHED:**  
*Note: Requests for Lead Files MUST use separate Lead FOIL Form available from Records Access Officer*

- Bureau of Water Supply Protection has files concerning: Drinking Water; Private Wells; Ground Water Quality; Backflow Prevention Devices; Bottled Water; Realty Subdivision; Private Sewage Disposal; Sewer Extensions, Sewer Connections, Underground Injection Control (exc. dry cleaners).
- Bureaus of Environmental Management and Engineering have files concerning: Petroleum & Chemical Tanks & Bulk Storage, Including Spills and Leaks; Medical Wastes; Solid Wastes; Air Emission Permits; Road Salt Storage; Underground Injection Control (dry cleaners only).
- Bureau of Environmental Investigation and Assessment has files concerning: Environmental Investigations and Complaints including Odors; Asbestos; Tobacco Smoking .
- Bureau of Environmental Sanitation has files concerning: Food Protection; Summer Camps; Temporary Residences; Housing; Rodent Control; Heat; General Nuisance; Bathing Facilities; Radiological Health.

**FOR HEALTH DEPARTMENT USE ONLY BELOW THIS LINE**

Signature	Date	<input type="checkbox"/> Approved
		<input type="checkbox"/> Denied

TO: Records Access Officer  
Nassau County Department of Health  
240 Old Country Road  
Mineola, New York 11501

Date of Request: 4/27/99

Fax: (516) 571-1475, 571-3369

I Michael Felli  
Print your name

Michael Felli  
Signature

REPRESENTING Firm Frederic R. Harris, Inc.

Client Long Island Rail Road

Your Mailing Address 485 B Route One South, Irelia, NJ 08830

Phone Number 732-596-5011

Fax Number 732-636-6338

HEREBY APPLY TO INSPECT RECORDS FOR THE FOLLOWING ESTABLISHMENT:  
Complete One Application For Each Establishment

Name S & S Sunoco

Previous Name \_\_\_\_\_

Address 489 Stewart Avenue, Bethpage, NY 11714

No., Street, Community

(We cannot identify parcels by their Section/Block/Lot)

Is the Establishment still in business? Yes  or No \_\_\_\_\_

If no, enter year closed \_\_\_\_\_ (This is necessary to retrieve the file.)

REASON FOR REQUEST: Preparing an environmental survey of the Bethpage Station project area as part of an Environmental Assessment Form under SEQR.

PLEASE CHECK THE BUREAUS WHOSE FILES YOU REQUEST TO BE SEARCHED:

Note: Requests for Lead Files MUST use separate Lead FOIL Form available from Records Access Office

Bureau of Water Supply Protection has files concerning: Drinking Water; Private Wells; Ground Water Quality; Backflow Prevention Devices; Bottled Water; Realty Subdivision; Private Sewage Disposal; Sewer Extensions, Sewer Connections, Underground Injection Control (exc. dry cleaners).

Bureaus of Environmental Management and Engineering have files concerning: Petroleum & Chemical Tanks & Bulk Storage, Including Spills and Leaks; Medical Wastes; Solid Wastes; Air Emission Permits; Road Salt Storage; Underground Injection Control (dry cleaners only).

Bureau of Environmental Investigation and Assessment has files concerning: Environmental Investigations and Complaints including Odors; Asbestos; Tobacco Smoking.

Bureau of Environmental Sanitation has files concerning: Food Protection; Summer Camps; Temporary Residences; Housing; Rodent Control; Heat; General Nuisance; Bathing Facilities; Radiological Health.

FOR HEALTH DEPARTMENT USE ONLY BELOW THIS LINE

Signature	Date	<input type="checkbox"/> Approved
		<input type="checkbox"/> Denied

TO: Records Access Officer  
Nassau County Department of Health  
240 Old Country Road  
Mineola, New York 11501

Date of Request: 4/27/99

Fax: (516) 571-1475, 571-3369

I Michael Felli  
Print your name

Michael Felli  
Signature

REPRESENTING Firm Frederic R. Harris, Inc.

Client Long Island Rail Road

Your Mailing Address 485 B Route One South, Iselin, NJ 08830

Phone Number 732-596-5011

Fax Number 732-636-6338

HEREBY APPLY TO INSPECT RECORDS FOR THE FOLLOWING ESTABLISHMENT:

Complete One Application For Each Establishment

Name Citgo gas station 515 Stewart Ave. Previous Name \_\_\_\_\_

Address Stewart Avenue, Bethpage, NY 11714 (one block north of railroad across from strip  
No., Street, Community (We cannot identify parcels by their Section/Block/Lot)

Is the Establishment still in business? Yes  or No   
If no, enter year closed \_\_\_\_\_ (This is necessary to retrieve the file.)

REASON FOR REQUEST: Preparing an environmental survey of the Bethpage Station project area as part of an Environmental Assessment Form under SEQR

PLEASE CHECK THE BUREAUS WHOSE FILES YOU REQUEST TO BE SEARCHED:

Note: Requests for Lead Files MUST use separate Lead FOIL Form available from Records Access Office

Bureau of Water Supply Protection has files concerning: Drinking Water; Private Wells; Ground Water Quality; Backflow Prevention Devices; Bottled Water; Realty Subdivision; Private Sewage Disposal; Sewer Extensions, Sewer Connections, Underground Injection Control (exc. dry cleaners).

Bureaus of Environmental Management and Engineering have files concerning: Petroleum & Chemical Tanks & Bulk Storage, Including Spills and Leaks; Medical Wastes; Solid Wastes; Air Emission Permits; Road Salt Storage; Underground Injection Control (dry cleaners only).

Bureau of Environmental Investigation and Assessment has files concerning: Environmental Investigations and Complaints including Odors; Asbestos; Tobacco Smoking.

Bureau of Environmental Sanitation has files concerning: Food Protection; Summer Camps; Temporary Residences; Housing; Rodent Control; Heat; General Nuisance; Bathing Facilities; Radiological Health.

FOR HEALTH DEPARTMENT USE ONLY BELOW THIS LINE

Signature	Date	<input type="checkbox"/> Approved
		<input type="checkbox"/> Denied

TO: Records Access Officer  
Nassau County Department of Health  
240 Old Country Road  
Mineola, New York 11501

Date of Request: 4/27/99

Fax: (516) 571-1475, 571-3369

I Michael Folli  
Print your name

Michael Folli  
Signature

REPRESENTING Firm Frederic R. Harris, Inc.

Client Long Island Rail Road

Your Mailing Address 485 B Route One South, Iselin, NJ 08830

Phone Number 732-596-5011

Fax Number 732-636-6338

HEREBY APPLY TO INSPECT RECORDS FOR THE FOLLOWING ESTABLISHMENT:

Complete One Application For Each Establishment

Name Long Island Rail Road (Tracks station) Previous Name \_\_\_\_\_

Address Bethpage, NJ 11714 (in the vicinity of the intersection of Stewart Ave. & Railroad  
No., Street, Community (We cannot identify parcels by their Section/Block/Lot)

Is the Establishment still in business? Yes  or No \_\_\_\_  
If no, enter year closed \_\_\_\_\_ (This is necessary to retrieve the file.)

REASON FOR REQUEST: Preparing an environmental survey of the Bethpage Station area as part of an Environmental Assessment Form under SEQR

PLEASE CHECK THE BUREAUS WHOSE FILES YOU REQUEST TO BE SEARCHED:

Note: Requests for Lead Files MUST use separate Lead FOIL Form available from Records Access Office

Bureau of Water Supply Protection has files concerning: Drinking Water; Private Wells; Ground Water Quality; Backflow Prevention Devices; Bottled Water; Realty Subdivision; Private Sewage Disposal; Sewer Extensions, Sewer Connections, Underground Injection Control (exc. dry cleaners).

Bureaus of Environmental Management and Engineering have files concerning: Petroleum & Chemical Tanks & Bulk Storage, Including Spills and Leaks; Medical Wastes; Solid Wastes; Air Emission Permits; Road Salt Storage; Underground Injection Control (dry cleaners only).

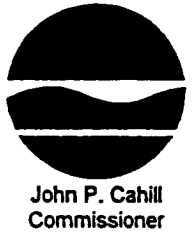
Bureau of Environmental Investigation and Assessment has files concerning: Environmental Investigations and Complaints including Odors; Asbestos; Tobacco Smoking.

Bureau of Environmental Sanitation has files concerning: Food Protection; Summer Camps; Temporary Residences; Housing; Rodent Control; Heat; General Nuisance; Bathing Facilities; Radiological Health.

FOR HEALTH DEPARTMENT USE ONLY BELOW THIS LINE

Signature _____	<input type="checkbox"/> Approved <input type="checkbox"/> Denied
Date _____	

New York State Department of Environmental Conservation  
Office of External Affairs, Room 602  
50 Wolf Road, Albany, New York 12233-1016  
Phone: (518) 457-5400 • FAX: (518) 457-7735  
Website: www.dec.state.ny.us



05/04/1999

Mr. Michael Folli  
Environmental Scientist  
Frederic R. Harris  
Koll Corporate Plaza  
485 B US Route 1 South  
Iselin, NJ 08830-

Dear Mr. Folli,

This is to acknowledge receipt of your Freedom of Information Law request seeking:

records re: Bethpage RR Station reconstruction site


I have referred your request to the following Records Custodian(s) / Freedom of Information Law Coordinator(s) who may possess the records you are requesting:

Ms. Rosa Colomba  
NYSDEC REGION 1  
Loop Road, Building 40  
Stonybrook, NY 11794-2356  
TELEPHONE: 516-444-0345

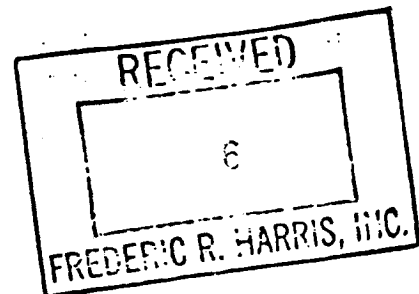
You may expect a response to your request by 5/18/1999.

Please let me know if I can be of further assistance (518-457-5400). Refer to request no. 99-367 if you write or call.

Sincerely,

  
Ruth L. Earl  
Records Access Officer

cc: R. Colomba



NGINS000143731