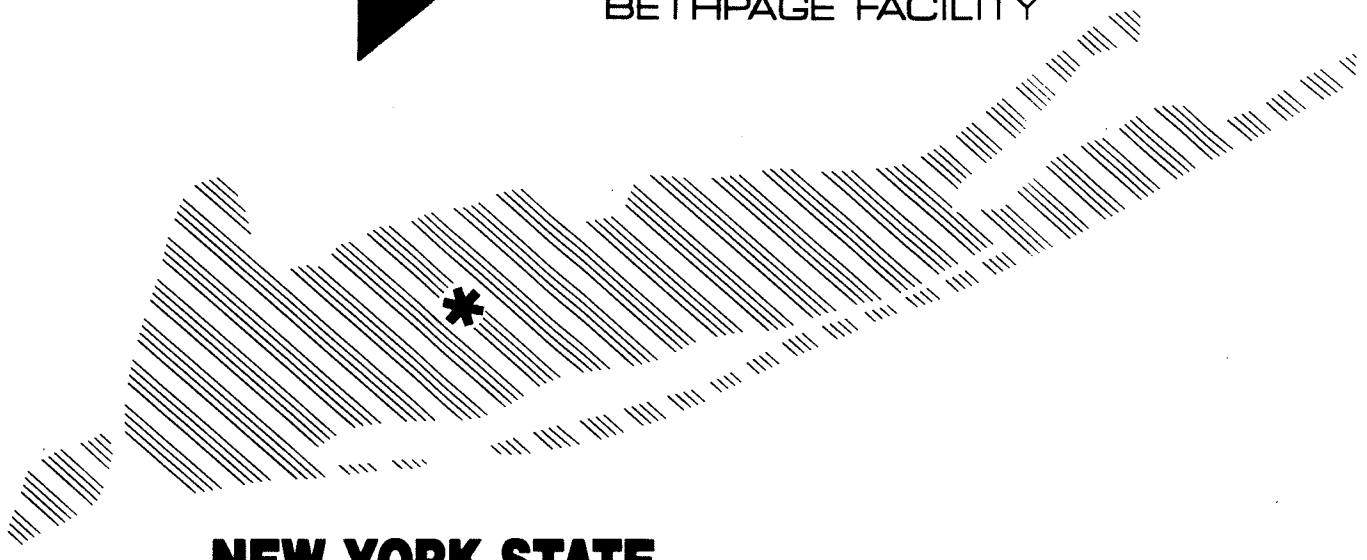
GRUMMAN AEROSPACE CORPORATION
BETHPAGE FACILITY



NEW YORK STATE SITE REGISTRY DELISTING PETITION BUILDINGS 30 AND 35 HICKSVILLE, NEW YORK

GRUMMAN AEROSPACE CORPORATION
BETHPAGE, NEW YORK

Dvirka and Bartilucci

Consulting Engineers

JUNE 1994

Grumman Aerospace Corporation
Bethpage, New York 11714-3582

June 13, 1994

Langdon Marsh, Acting Commissioner
New York State Department of
Environmental Conservation
50 Wolf Road
Albany, NY 12233-7010

Re: New York State Site Registry Delisting Petition
Grumman Aerospace Corporation
Buildings 30 and 35
Hicksville, New York

Dear Mr. Marsh:

I am pleased to submit for your review three copies of the enclosed document, entitled "New York State Site Registry Delisting Petition, Buildings 30 and 35, Hicksville, New York," for the Grumman Aerospace Corporation property located off Stewart Avenue in Hicksville, New York.

The report, prepared by our consultants, Dvirka and Bartilucci Consulting Engineers, documents the past and present use of the site based on a review of available records, and a narrative review of chronological aerial photographs of the area from 1950 through 1988. In addition, a presentation of soil and groundwater sampling results is provided along with a comparison to appropriate standards.

The information presented in this report will assist the New York State Department of Environmental Conservation (NYSDEC) in determining the nature of the use of the site over the past 40 years and to evaluate the merits of the delisting petition. Based on the review of available information and the environmental data, we believe that the property is eligible for removal from the NYSDEC Site Registry of Inactive Hazardous Waste Disposal Sites, and as such, an appropriate modification to the boundaries of Site 1-30-003A is warranted.

If you have any comments and/or questions regarding this matter, do not hesitate to contact me at (516) 575-2385.

Very truly yours,

J. Ohlmann

John Ohlmann, P.E.
Director, Corporate Environmental Protection

JO/ss
Enclosure
cc:encl.: Robert Marino (NYSDEC)
♠1167/JO05184.dec

GRUMMAN AEROSPACE CORPORATION

NEW YORK STATE
SITE REGISTRY DELISTING PETITION
BUILDINGS 30 AND 35
HICKSVILLE, NEW YORK

PREPARED BY
DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
SYOSSET, NEW YORK

JUNE 1994

♠1167\D0525408

GRUMMAN AEROSPACE CORPORATION

NEW YORK STATE
SITE REGISTRY DELISTING PETITION
BUILDINGS 30 AND 35
HICKSVILLE, NEW YORK

TABLE OF CONTENTS

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

Section 1

1.0 INTRODUCTION

Grumman Aerospace Corporation has directed the preparation of this report as part of an effort to satisfy the requirements for delisting Buildings 30 and 35, hereafter referred to as "the site," from the New York State Site Registry of Inactive Hazardous Waste Disposal Sites (Site Code 1-30-003A). The site is located to the northwest of the intersection of Stewart Avenue and Cherry Avenue in Hicksville, New York. Information presented in this report has been compiled based upon a site inspection undertaken on February 1, 1994; an evaluation of available aerial photographs (1950-1988); various files and records obtained from the Grumman Aerospace Corporation, Paumanock Development Corporation, Nassau County Department of Health (NCDOH) and the Town of Oyster Bay; along with interviews of various Grumman personnel. The purpose of this report is to determine and document the historical use of the site and the surrounding areas.

Section 2 of this document presents an evaluation of the site's history, present use and existing conditions, and the likelihood of potential adverse impacts from the federal Superfund Site known as Hooker Chemical/Ruco Polymer. The procedures followed throughout the course of the field program are described in Section 3. The soil and groundwater sampling results, and the findings and conclusions of the site assessment, are presented in Section 4.

A location map is included in Appendix A, a current "Site Plan" is included in Appendix B, and aerial photographs of the site from 1950 through 1988 have been included in Appendix C. The report presents boring logs and the results of laboratory analyses of soil and groundwater samples in Appendices D and E, respectively. In addition, relevant documentation obtained through file searches at Grumman Aerospace Corporation, NCDOH and the Town of Oyster Bay is included in Appendix F.

Correspondence from the New York State Department of Environmental Conservation (NYSDEC) to the Grumman Aerospace Corporation provided a list of the "Delisting Petition Information" required for the Grumman properties. In order to facilitate the review of this document, the 14 items requested in the NYSDEC correspondence are listed on Table 1-1 with an appropriate response, or a cross reference to the location of such response in this document. The information supplied in this document is of sufficient detail to enable the NYSDEC to determine the nature of the site's past and present operations, and assess the potential for any on-site contamination.

Table 1-1

DELISTING PETITION INFORMATION

	Requirement	Response
1.	Site Name	Grumman, Bethpage
	Owner	Grumman Aerospace Corporation
2.	Site Number	1-30-003A
3.	Site Location	Northwest of Stewart Avenue/ Cherry Avenue Intersection Hicksville, Nassau County, NY 11801
4.	Size	Approximately 41.25 Acres
5.	Boundaries	See Appendices A, B and C
6.	Nature of Operation	See Sections 2.1 and 2.2
	Hazardous Waste Disposal	See Section 4
7.	History of Site	See Section 2.1
8.	History of Site Investigations	See Section 2.1 and 3
9.	Waste	See Section 2.2
10.	Affected Resources	See Sections 2.2 and 4
11.	Demographic Information	See Section 2.2
12.	Geographic Information	See Section 2.2
13.	Cleanup Actions	See Section 4
14.	Basis for Delisting	See Section 4

Section 2

2.0 SITE EVALUATION

Location: Northwest of Stewart Avenue/Cherry Avenue Intersection
Hicksville, New York 11801

Section: 46

Block: G

Lots: 49 (partial), 50, 51, 52

Zoning: Industrial H

Land Use(s): Office Space

Plot Size: Approximately 41.25 acres

Grumman Aerospace Corporation Building:
Building 16, Building 30 and Building 35

Building Area: Building 16: 10,000 square feet
Building 30: 100,000 square feet
Building 35: 112,000 square feet

2.1 Site History

As indicated by a review of aerial photographs of the site taken between 1950 and 1988, the site was undeveloped with evidence of agricultural activity in the eastern portion of the site from 1950 through 1962. Buildings 30 and 35, and the associated on-site parking areas, first become apparent on a 1969 aerial photograph which shows the site to be in its current configuration, exclusive of Building 16 which first becomes apparent on a 1988 aerial photograph. A February 1, 1994 site inspection did not identify any apparent on-site changes since the date of the March 8, 1988 aerial.

Prior to connection to the Nassau County Sewer System, which apparantly took place sometime in the 1970s, Plant 16 utilized a network of three sanitary leaching pools located adjacent to the northeast side of the building, Plant 30 utilized a network of approximately 45 leaching pools located adjacent to the northeast side of the building, and Plant 35 utilized a network of approximately 45 leaching pools located adjacent to the northwestern side of the building. Grumman utility maps indicate that these leaching pools have been "filled". Based upon interviews with representatives of Grumman Aerospace Corporation, the site has historically, and continues to be, utilized soley for office space.

2.2 General Site Description

The site is currently owned by Grumman Aerospace Corporation and is utilized as Guard Headquarters (Building 16) and office space (Buildings 30 and 35). The entire site is zoned Industrial H and comprises approximately 41.25 acres. The site is bordered by commercial development to the south and west with areas of medium to high density residential development existing to the north and east. The Site Plan is presented in Appendix B.

Building 16 comprises approximately 10,000 square feet and is currently utilized as Grumman's guard headquarters. On-site operation include providing security clearances for incoming visitors. Building 16 currently has oil heat and is connected to the Nassau County sewer system. A review of Grumman tank records indicate that a 3,000-gallon underground storage tank (Tank 35-04-1) for #2 fuel oil is currently utilized adjacent to the west side of the building. The most recent tank tightness test is provided in Appendix F.

A February 1, 1994 site inspection revealed that Building 16 is comprised predominantly of the following areas:

Basement

- Air Handler Room
- Raised Floor Computer Room
- Conference Room
- Storage Room (Paper Goods)
- Office Areas
- Boiler Room
  - Fans
  - Hot Water Heater
  - Floor Drain

- Air Conditioning Room
  - Floor Drain
- Telephone Room
- Locker Room
- Electric Room
- Sanitary Pump and Lift Station
- Rest Rooms
- Janitorial Room
- Security Office
- Vending Room

First Floor

- Office Areas
- Phone/Storage Room
- Conference Room
- Vault Area
- Photo Area
  - Polaroids
- Rest Rooms

Building 30 comprises approximately 100,000 square feet and is currently utilized solely for office space. Building 30 currently has oil heat and is connected to the Nassau County sewer system. A review of Grumman tank records indicate that two 15,000-gallon underground storage tanks (Tank 30-01-1 and Tank 30-01-2) for #6 fuel oil utilized for space heating purposes, and a 550-gallon underground storage tank (Tank 30-01-3) for diesel utilized for a generator, are located adjacent to the west side of the building. The most recent tank tightness tests are presented in Appendix F.

A February 1, 1994 site inspection revealed that Building 30 is comprised predominantly of the following areas:

- Fan Room
  - Air Handlers
  - Containerized Lubricant
  - Drummed Oil
  - Air Compressors with Connected 5-gallon Buckets of Oil
  - Cooling Towers
- Office Areas
- Storage Areas
- Boiler Room
  - Electrical Control Center
  - Transformer Room
  - Boilers/Chillers
  - Emergency Generator
  - Battery Storage
  - Drummed Oil
  - Drummed "Emulsifier" (Speedi-Dry)

Building 35 comprises approximately 112,000 square feet and is currently utilized solely for office space. Building 35 currently has oil heat and is connected to the Nassau County sewer system. A review of Grumman tank records indicate that two 15,000-gallon underground storage tanks (Tank 35-01-1 and Tank 35-01-2) for #6 fuel oil are utilized for space heating purposes, and a 550-gallon underground storage tank (Tank 35-01-3) for diesel fuel is utilized to power a generator, are located adjacent to the south side of the facility. The most recent tank tightness

tests are provided in Appendix F. A February 1, 1994 site inspection revealed that Building 35 is comprised predominantly of the following areas:

- Office Areas
- Fan Room
  - 6 Standard Units and 1 Kitchen Fan
  - Cooling Tower
  - Drummed Oil
- Engineering and "Small" Standards Area
  - Transformer Room
  - Computer Area with Air Conditioning Unit
- DEPRO
  - Research and Quality Area
  - Computer Area with Air Conditioning Unit
  - Reproduction Room
  - CAD Machines
- Boiler Room
  - Drummed "Betz Entec 309"
  - Electrical Room
  - Batteries
  - Emergency Generator
  - Boilers/Chillers
  - Compressors
  - Drummed Freon

- Drummed Trichloromonofluoromethane
- Gas Burners
- Drummed Oil
- Storage Areas

The site is generally level with good drainage. The Soil Conservation Service classifies the majority of the site as Urban Land. Urban Land is defined as an area with at least 85 percent asphalt, concrete, or other impervious building material, with most of the remaining small areas of soil being well drained Riverhead, Hempstead, or Enfield soils, or excessively drained Udipsaments. Udipsaments (nearly level) are defined as manmade fills or borrow areas, most of which are grassed with 0 to 3 percent slopes, which consist of very deep soils that are excessively drained to well-drained. Based on measurements obtained during the installation of groundwater monitoring wells at the site as part of this project, the depth from ground surface to the upper glacial aquifer is approximately 60 feet.

2.3 Hooker Chemical Site

An element related to the delisting of the site is the proximity of the property to the Hooker Chemical/Ruco Polymer NPL site. This site has been on the Federal Superfund list since 1984, and has been the subject of monitoring and investigations intended to identify the extent of contamination and hazard resulting from previous waste disposal practices at this site. A Remedial Investigation and Feasibility Study (RI/FS) has been conducted, with the associated field work completed in February 1990. The RI/FS identified two operable units at the Hooker Chemical site requiring remedial action.

Operable Unit 1 has necessitated the remediation of soil and groundwater contaminated by volatile organic compounds (VOCs) used in the various manufacturing processes employed by the facilities on-site. Based upon communication with the EPA, the RI report was approved on December 7, 1992. The associated Feasibility Study was subsequently completed and a Record of Decision on a Proposed Remedial Action Plan was signed on January 28, 1994. Based

upon recent communication with the EPA, a unilateral administrative order is currently being drafted to address Operable Unit 1.

Operable Unit 2 pertains to a relatively small area of soil contaminated by PCBs resulting from releases of the heat transfer fluid Therminol. The migration of PCBs from the on-site structure referred to as the "Pilot Plant" to other portions of the site was enhanced by storm water runoff and on-site truck traffic. However, the extent of contaminated soil is contained entirely on the Hooker Chemical/Ruco Polymer site. No off-site contamination or remedial activities have been identified from Operable Unit 2. Remedial action involving Operable Unit 2 has been completed and the facility remains active.

Until the EPA finalizes its review and releases all details concerning Operable Unit 1, it is not possible to fully characterize the extent of off-site impacts. However, the nearest area of the site proposed for delisting is located approximately one half mile lateral of this area, and is likely removed from any significant adverse conditions present at the Hooker Chemical/Ruco Polymer site.

Section 3

3.0 FIELD PROGRAM

The following is a description of the field activities undertaken at the site in support of the delisting petition. Daily Field Activity Reports, which are available in the project file, provide documentation of the field program which included air monitoring, the installation of one monitoring well and the sampling of groundwater and soil.

3.1 Volatile Organics Monitoring

During the drilling of the monitoring well, volatile organic vapors were not detected in the workers' breathing zone. The air monitoring results were documented on daily Air Monitoring Forms which are available in the project file. Prior to use, the organic vapor analyzer (OVA-128), which is a flame ionization detector, was calibrated with 95 percent methane gas/zero air. The Equipment Calibration Logs are also available in the project file. As described previously, the split spoon samples were also monitored for volatile organics utilizing the OVA-128, and no volatile organic vapors were detected.

3.2 Monitoring Well Installation

An existing Grumman Aerospace Corporation groundwater monitoring well (GM-2S), located to the northeast of the site, was sampled and utilized as upgradient well. In addition, previously obtained analytical results associated with existing Grumman Aerospace Corporation wells (PLMW-1, PLMW-2 and PLMW-3), located to the southeast of the site, were utilized as additional upgradient wells. An existing Grumman Aerospace Corporation well (P-2), located in the northwestern portion of the site, was sampled and utilized as a downgradient well. In addition, previously obtained analytical results associated with an existing Grumman Aerospace Corporation well (GM-8S), located in the southwester portion of the site, were utilized as an additional downgradient well. Furthermore, one groundwater monitoring well (B30MW-1) was installed in the southeastern portion of the site and utilized as an additional downgradient monitoring well.

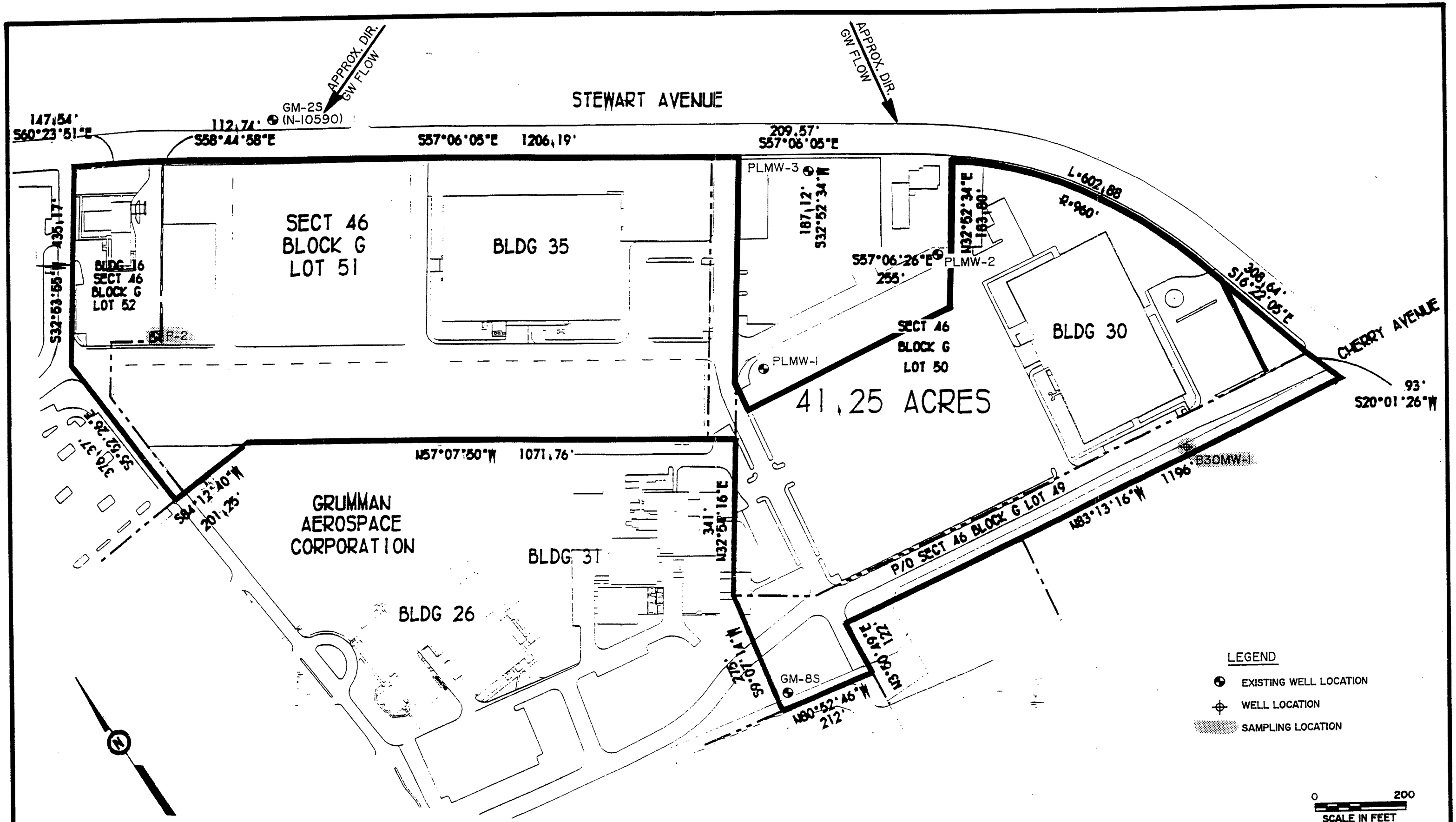
Figure 3-1 presents the locations of these wells, and Figure 3-2 presents the construction log for the installed monitoring well (B30MW-1). The well was installed in a boring advanced using the hollow stem auger method of drilling. Well construction consisted of 2-inch I.D. PVC screen and casing with threaded joints. The bottom of the 15 foot, 0.010 inch slot screen was sealed with a threaded PVC plug. The bottom of the screen for B30MW-1 was set at a depth of 72 feet below ground surface, and the water table was encountered at a depth of 60 feet.

A sandpack was installed around the well screen using a tremie pipe. Above the sandpack, a minimum 2-foot thick bentonite seal was installed followed by a cement/bentonite grout for the remainder of the annulus to ground surface also using a tremie pipe. The well was protected with a locking PVC cap and a steel flush mount vault with a bolted cover. Upon completion of well construction, the wells were developed using a submersible pump and/or bailed. The wells were considered developed when the discharge water measured 50 nephelometric turbidity units (NTUs) or less.

3.3 Monitoring Well Borehole Soil Sampling

During construction of the monitoring well borehole, split spoon samples were collected continuously for the first 10 feet and every 5 feet from that point on to the well completion depth. Appendix D includes the boring log for the monitoring well borehole installed as part of this project.

Fifteen split spoon samples were obtained from the B30MW-1 borehole. The split spoon samples indicated that the soil in the area of B30MW-1 was mostly brown/orange medium to coarse sand with some to little gravel to a depth of 45 feet and brown/gray fine sand with little silt to a depth of 62 feet.



GRUMMAN AEROSPACE CORPORATION
BETHPAGE FACILITY
BUILDINGS 30 & 35

WELL LOCATIONS

Dvirka and Bartlucci CONSULTING ENGINEERS

FIGURE 3 - 1

Dvirka and Bartilucci CONSULTING ENGINEERS

WELL CONSTRUCTION LOG

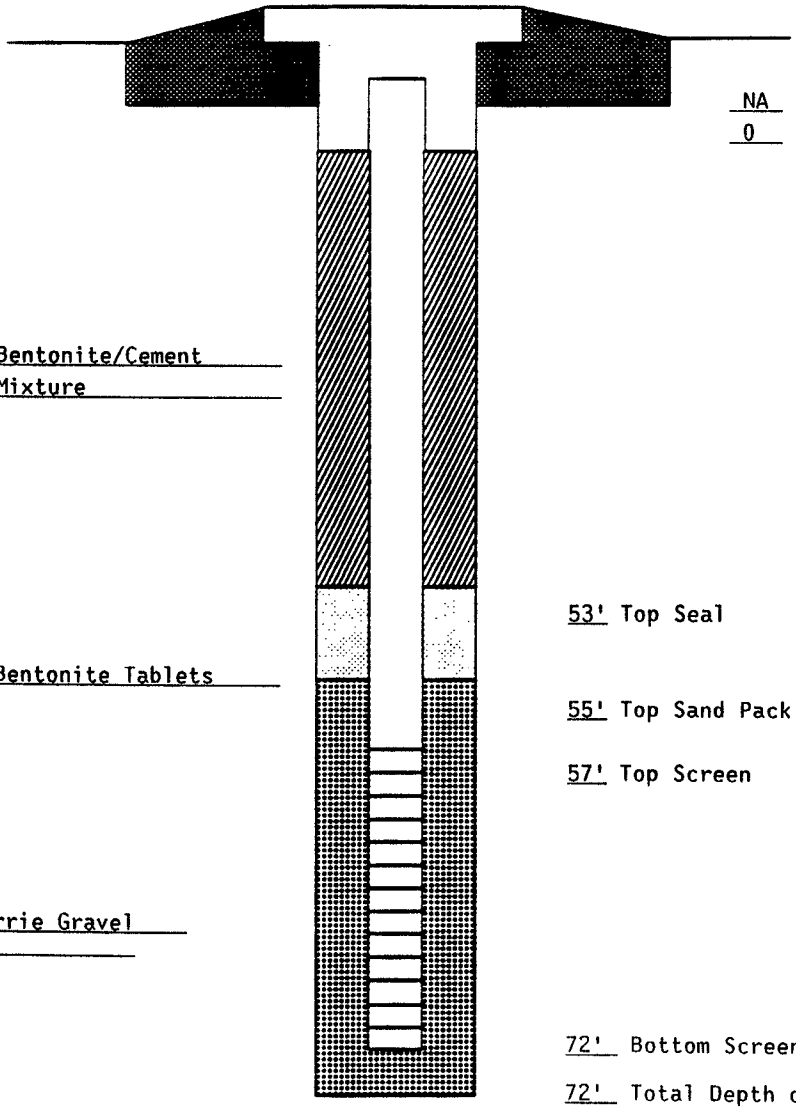
SITE Grumman JOB NO. 1167-N WELL NO. B30MW-1

TOTAL DEPTH 72' SURFACE ELEV. N/A TOP RISER ELEV. N/A

WATER LEVELS (DEPTH, DATE, TIME) 60.0', 2/28/94 DATE INSTALLED 2/28/94

RISER DIA 2" MATERIAL PVC LENGTH 57'
SCREEN DIA 2" MATERIAL PVC LENGTH 15' SLOT SIZE 0.010"

SCHEMATIC



Ground Surface

Surface Seal Type Portland Cement

NA Riser Elevation

0 Bottom Surface Seal

Grout Type Bentonite/Cement Mixture

53' Top Seal

Seal Type Bentonite Tablets

55' Top Sand Pack

57' Top Screen

Sand Pack Type Morrie Gravel
Size Number One

72' Bottom Screen

72' Total Depth of Boring

FIGURE 3 - 2

5175G/6

3.4 Groundwater Sampling

Prior to well sampling, a minimum of three times the volume of standing water in the casing and sandpack from each sampled well (B30MW-1 and P-2) was removed with a bailer. One sample was collected from each well for laboratory analysis. The water samples were analyzed for volatile organics (Method 624) and priority pollutant metals (Method 6010). The analytical results from these groundwater samples, and the previously obtained analytical results from existing wells, are presented in Section 4.

Section 4

4.0 FINDINGS AND CONCLUSIONS

The volatile organic analytical results from the groundwater samples are compared to the New York State Department of Health (NYSDOH) Drinking Water Standards. Soil sample results are compared to cleanup objectives as identified in the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM 4046). The results are discussed in detail by matrix in the following sections.

4.1 Monitoring Well Borehole Soil Sampling

One soil sample was collected from the monitoring well borehole installed as part of this project and analyzed for volatile organics, total petroleum hydrocarbons (TPHCs) and fuel-related constituents. The results of these analyses are presented on Tables 4-1 and 4-2. As indicated in Table 4-1, volatile organics were not detected above the method detection limit.

The levels of total petroleum hydrocarbons for B30MW-1 are presented on Table 4-2 and were detected at 145 mg/kg, utilizing EPA Method 418.1. As previously mentioned, there is no evidence of any prior fuel spills or releases, nor was there any evidence of either discoloration or petroleum odors associated with the geologic or laboratory samples collected. To determine if the TPHCs detected were attributable to fuel-related compounds the sample was also analyzed for fuel-related constituents utilizing NYSDOH Method 310-13 and PCBs utilizing Method 8080. The analytical results for sample B30MW-1 utilizing Method 310-13 are presented in Table 4-2 and indicate that the fuel-related constituents such as gasoline, lubricating oil, kerosene, fuel oil and jet fuel were not detected above the method detection limit. The analytical results for sample B30MW-1 utilizing Method 8080 are presented in Table 4-3 and indicate that PCBs were not detected above the method detection limit. Therefore, it appears that the TPHCs detected in the environmental samples are not associated with any fuel-related spills.

TABLE 4-1
GRUMMAN AEROSPACE CORPORATION
BUILDINGs 30 & 35
SOIL SAMPLING
VOLATILE ORGANICS

SAMPLE ID	B30MW-1		NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVE (ug/kg)
SAMPLE DEPTH	6-8 FT		
DATE COLLECTED	2/28/94		
DILUTION FACTOR	1		
% MOISTURE	2		
VOLATILE ORGANICS (ug/kg)			
Chloromethane		U	---
Bromomethane		U	---
Vinyl chloride		U	200
Chloroethane		U	1900
Methylene chloride		U	100
1,1-Dichloroethene		U	400
1,1-Dichloroethane		U	200
1,2-Dichloroethene (trans)		U	300
Chloroform		U	300
1,2-Dichloroethane		U	100
1,1,1-Trichloroethane		U	800
Carbon tetrachloride		U	600
Bromodichloromethane		U	---
1,2-Dichloropropane		U	---
cis-1,3-Dichloropropene		U	---
Trichloroethene		U	700
Dibromochloromethane		U	---
1,1,2-Trichloroethane		U	---
Benzene		U	60
trans-1,3-Dichloropropene		U	---
Tetrachloroethene		U	1400
1,1,2,2-Tetrachloroethane		U	600
Toluene		U	1500
Chlorobenzene		U	1700
Ethylbenzene		U	5500
Xylene (total)		U	1200
2-Chloroethylvinylether		U	---
Dichlorodifluoromethane		U	---
Trichlorofluoromethane		U	---
1,2-Dichlorobenzene		U	7900
1,3-Dichlorobenzene		U	1600
1,4-Dichlorobenzene		U	8500
Bromoform		U	---

QUALIFIERS:
U: Analyzed for but not detected

NOTE:
---: Not established

TABLE 4-2
GRUMMAN AEROSPACE CORPORATION
BUILDINGs 30 & 35
SOIL SAMPLING
TOTAL PETROLEUM HYDROCARBONS AND FUEL RELATED CONSTITUENTS

SAMPLE ID	B30MW-1	
SAMPLE DEPTH	6-8 FT	
DATE COLLECTED	2/28/94	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)	145	
Gasoline		U
TPH (as Gasoline)		U
Kerosene		U
TPH (as Kerosene)		U
#2 Fuel Oil		U
TPH (as #2 Fuel Oil)		U
#6 Fuel Oil		U
TPH (as #6 Fuel Oil)		U
Lubricating Oil		U
TPH (as Lubricating Oil)		U
Jet Fuel		U
TPH (as Jet Fuel)		U

QUALIFIERS:
U: Analyzed for but not detected

TABLE 4-3
GRUMMAN AEROSPACE CORPORATION
BUILDINGs 30 & 35
SOIL SAMPLING
PCB ORGANICS

SAMPLE ID	B30MW-1	NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVE
SAMPLE DEPTH	6-8 FT.	
DATE COLLECTED	2/28/94	
UNITS	(ug/kg)	(ug/kg)
PARAMETER		
Aroclor-1016	U	10,000*
Aroclor-1221	U	10,000*
Aroclor-1232	U	10,000*
Aroclor-1242	U	10,000*
Aroclor-1248	U	10,000*
Aroclor-1254	U	10,000*
Aroclor-1260	U	10,000*

QUALIFIERS:
U: Analyzed for but not detected

4.2 Groundwater Sampling

One groundwater sample was collected from each sampled monitoring well (B30MW-1 and P2) and analyzed for volatile organic and inorganic constituents. In addition, as mentioned above, previously obtained analytical results from existing wells (GM-2S, PLMW-1, PLMW-2, PLMW-3 and GM-8S) are also utilized to assist in characterizing groundwater quality in the vicinity of the site. As indicated in Table 4-4, volatile organics were not detected above the method detection limits.

As indicated on Table 4-5, several inorganic constituents were detected in the groundwater samples obtained from the monitoring wells associated with the site. The only inorganic constituent detected above the NYSDOH drinking water standard was chromium in sample P-2. However, it should be noted that this sample, as well as sample B30MW-1, could not be obtained at a turbidity of less than 50 NTUs. As a result, additional filtered groundwater samples were obtained from these locations in an effort to remove soil particles prior to laboratory analysis. As indicated on Table 4-5, chromium was not detected above the method detection limit in the filtered sample from P-2. As a result, it can be concluded that all inorganic constituents related to groundwater quality were detected in concentrations that were well below the NYSDOH drinking water standards.

4.3 Conclusions

A review of local agency and Grumman files did not reveal records pertaining to any chemical and/or fuel spills on-site. Based on the site history and visual inspection performed on February 1, 1994, the on-site buildings (Buildings 16, 30 and 35) have been utilized solely as office space with the majority of the surrounding on-site areas utilized as parking space. Furthermore, none of the compounds were detected above the referenced standards/guidelines other than those which were attributable to elevated turbidity in groundwater samples.

TABLE 4-4
GRUMMAN AEROSPACE CORPORATION
BUILDINGs 30 & 35
GROUNDWATER SAMPLING
VOLATILE ORGANICS

SAMPLE ID	B30MW-1	P-2	FB	PLMW-1	PLMW-2	PLMW-3	GM-2S	GM-8S	NYSDOH
DATE COLLECTED	3/30/94	3/30/94	3/29/94	2/25/92	2/25/92	2/25/92	8/26/93	8/25/93	DRINKING WATER
DILUTION FACTOR	1	1	1	1	1	1	1	1	STANDARD
VOLATILE ORGANICS (ug/l)									
Chloromethane	U	U	U	U	U	U	U	U	5
Bromomethane	U	U	U	U	U	U	U	U	5
Vinyl Chloride	U	U	U	U	U	U	U	U	2
Chloroethane	U	U	U	U	U	U	U	U	5
Methylene Chloride	1 J	1 JB	U	3.67 J	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	U	U	U	U	5
1,1-Dichloroethane	U	U	U	U	U	U	U	U	5
Trans-1,2-Dichloroethene	U	U	U	U	U	U	U	U	5
Chloroform	2 J	U	U	U	U	U	U	U	100**
1,2-Dichloroethane	U	U	U	U	U	U	U	U	5
1,1,1-Trichloroethane	U	1 J	U	U	U	U	U	U	5
Carbon Tetrachloride	U	U	U	U	U	U	U	U	5
Bromodichloromethane	U	U	U	U	U	U	U	U	5
1,2-Dichloropropane	U	U	U	U	U	U	U	U	5
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	5
Trichloroethene	U	2 J	U	U	U	U	U	U	5
Dibromochloromethane	U	U	U	U	U	U	U	U	100**
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	5
Benzene	U	U	U	U	U	U	U	U	5
Trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	5
Bromoform	U	U	U	U	U	U	U	U	100**
Tetrachloroethene	U	U	U	U	U	3.04 J	U	2 J	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	5
Toluene	U	U	U	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	U	U	U	5
Acrolein	U	U	U	U	U	U	U	U	5
Acrylonitrile	U	U	U	U	U	U	U	U	5
2-Chloroethylvinylether	U	U	U	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	U	U	U	5
Dichlorobenzene (total)	U	U	U	U	U	U	U	U	5

QUALIFIERS:
U: Analyzed for but not detected
J: Compound found below detection limit
B: Compound found in the blank as well as the sample
J*: Estimated value

NOTES:
**: Applies to the sum of trihalomethanes
----: Not established
ND: Not Detected

TABLE 4-5
GRUMMAN AEROSPACE CORPORATION
BUILDINGs 30 & 35
GROUNDWATER SAMPLING
INORGANIC CONSTITUENTS

SAMPLE ID	B30MW-1	B30MW-1F	P-2	P-2F	PLMW-1	PLMW-2	PLMW-3	GM-8S	GM-8SF	NYSDOH DRINKING WATER STANDARDS
DATE COLLECTED	3/30/94	3/30/94	3/30/94	3/30/94	02/25/92	02/25/92	02/25/92	08/26/93	8/25/93	
UNITS	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
PARAMETER										
Antimony	U	U	U	U	U	U	U	U	U	---
Arsenic	U	U	U	U	U	U	U	1.8 B	U	50
Beryllium	3.6 B	U	U	U	U	U	U	U	U	---
Cadmium	U	U	U	U	U	U	U	3.2 B	U	5
Chromium	U	U	1340.0	U	U	U	U	17.8	U	100
Copper	28.8	U	55.1	5.2 B	U	U	U	39.3	U	1000
Lead	24.9	U	11	U	U	U	U	6.6	1.6 B	50
Mercury	0.73	U	0.22	U	U	U	U	U	U	2
Nickel	U	U	429	428	U	U	U	U	U	---
Selenium	U	U	U	U	U	U	U	U	U	10
Silver	U	U	U	U	U	U	U	U	U	50
Thallium	U	U	U	U	U	U	U	U	U	---
Zinc	203	28.5	49.3	15.8 B	130	260	70	46	U	5000

QUALIFIERS:
U: Analyzed for but not detected
B: Value less than contract required detection limits but greater than instrument detection limits.

NOTES:
F: Filtered Sample
---: Not established
:Value exceeds standard

As a result, based on the above-referenced findings, we believe that the information presented in this document is sufficient to support the delisting of the site under New York State regulations and, as such, an appropriate modification to the boundaries of Site 1-30-003A is warranted.

Section 5

5.0 REFERENCES

Dvirka and Bartilucci Consulting Engineers; "Sterling Center - Draft Generic Environmental Impact Statement - Volume 1A;" June 1990.

EBASCO, Final Work Plan RI/FS Hooker Chemical/Ruco Polymer Superfund Site, EPA Contract 68-01-7250, Work Assignment No. 186-2443, September 1988.

Legette, Brashear & Graham, Final Field Operations Plan, August 1989.

Legette, Brashear & Graham, Focused Feasibility Study for Remediation of Soils Containing Arochlor 1248 for Occidental Chemical Corp., June 1990.

LKB Aerial Photographs: April 11, 1950; January 20, 1955; January 24, 1957; March 23, 1962; April 11, 1969; April 18, 1972; March 8, 1988.

United States Department of Agriculture, Soil Conservation Service, Soil Survey of Nassau County, New York, February 1987.

USEPA, Declaration for Record of Decision, Hooker Chemical/Ruco Polymer Site, Hicksville, Nassau County, New York, September 1990.

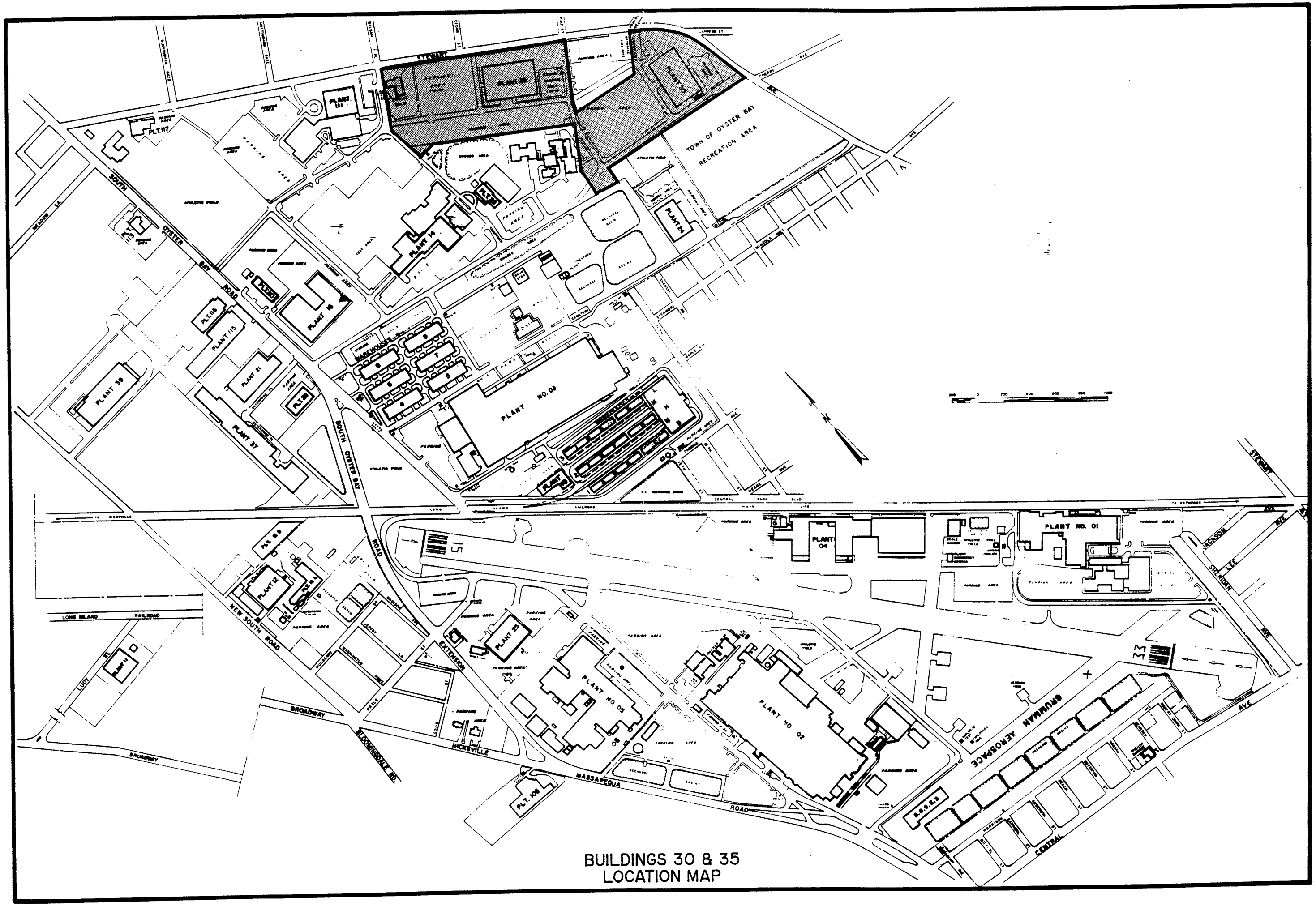
USEPA - Region 2, Proposed Plan Superfund Update Hooker Chemical/Ruco Polymer Site, Hicksville, New York, July 1990.

USGS, Report 88-4135, "Geohydrology of the Bethpage-Hicksville-Levittown Area, Long Island, New York."

Appendix A

APPENDIX A

LOCATION MAP

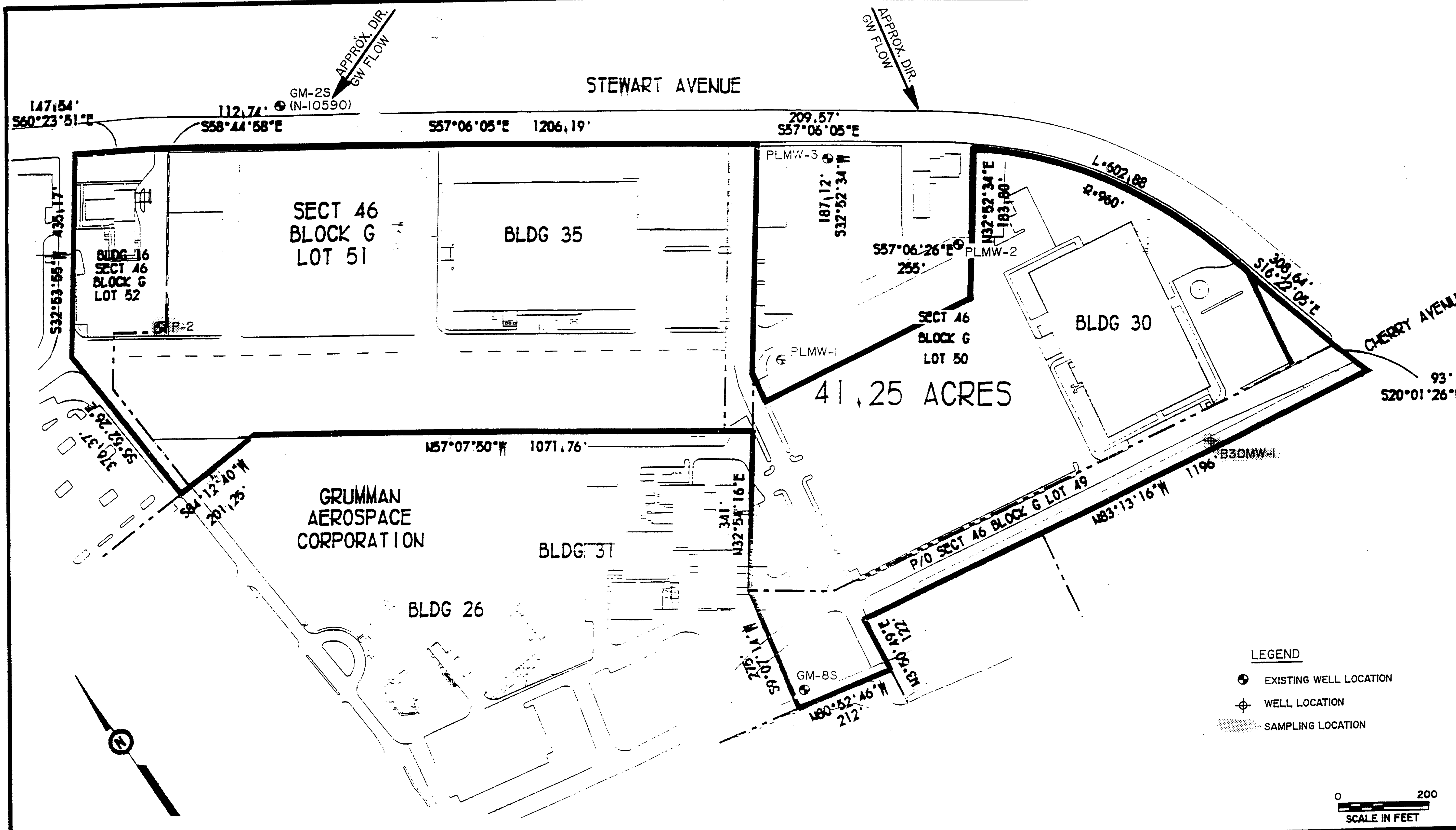


BUILDINGS 30 & 35
LOCATION MAP

Appendix B

APPENDIX B

SITE PLAN


STEWART AVENUE
APPROX. DIR. GW FLOW
APPROX. DIR. GW FLOW
GM-2S (N-10590)
147.54'
S60°23'51"E
112.74'
S58°44'58"E
S57°06'05"E 1206.19'
209.57'
S57°06'05"E
SECT 46
BLOCK G
LOT 51
BLDG 35
BLDG 16
SECT 46
BLOCK G
LOT 52
P-2
435.17'
S32°53'55"W
PLMW-3
187.12'
S32°52'34"W
S57°06'26"E
255'
PLMW-2
N32°52'34"E
183.80'
L=602.88
R=960'
308.64'
S16°12'05"E
CHERRY AVENUE
93'
S20°01'26"W
BLDG 30
SECT 46
BLOCK G
LOT 50
PLMW-1
41.25 ACRES
B30MW-1
1196'
N83°13'16"W
P/O SECT 46 BLOCK G LOT 49
N57°07'50"W 1071.76'
341'
N32°54'16"E
376.37'
S5°52'26"E
S84°12'40"W
201.25'
GRUMMAN
AEROSPACE
CORPORATION
BLDG 31
BLDG 26
275'
S9°07'14"W
GM-8S
N80°52'46"W
212'
N3°09'49"E
122'
N
LEGEND
EXISTING WELL LOCATION
WELL LOCATION
SAMPLING LOCATION
0 200
SCALE IN FEET

GRUMMAN AEROSPACE CORPORATION
BETHPAGE FACILITY
BUILDINGS 30 & 35

SITE PLAN

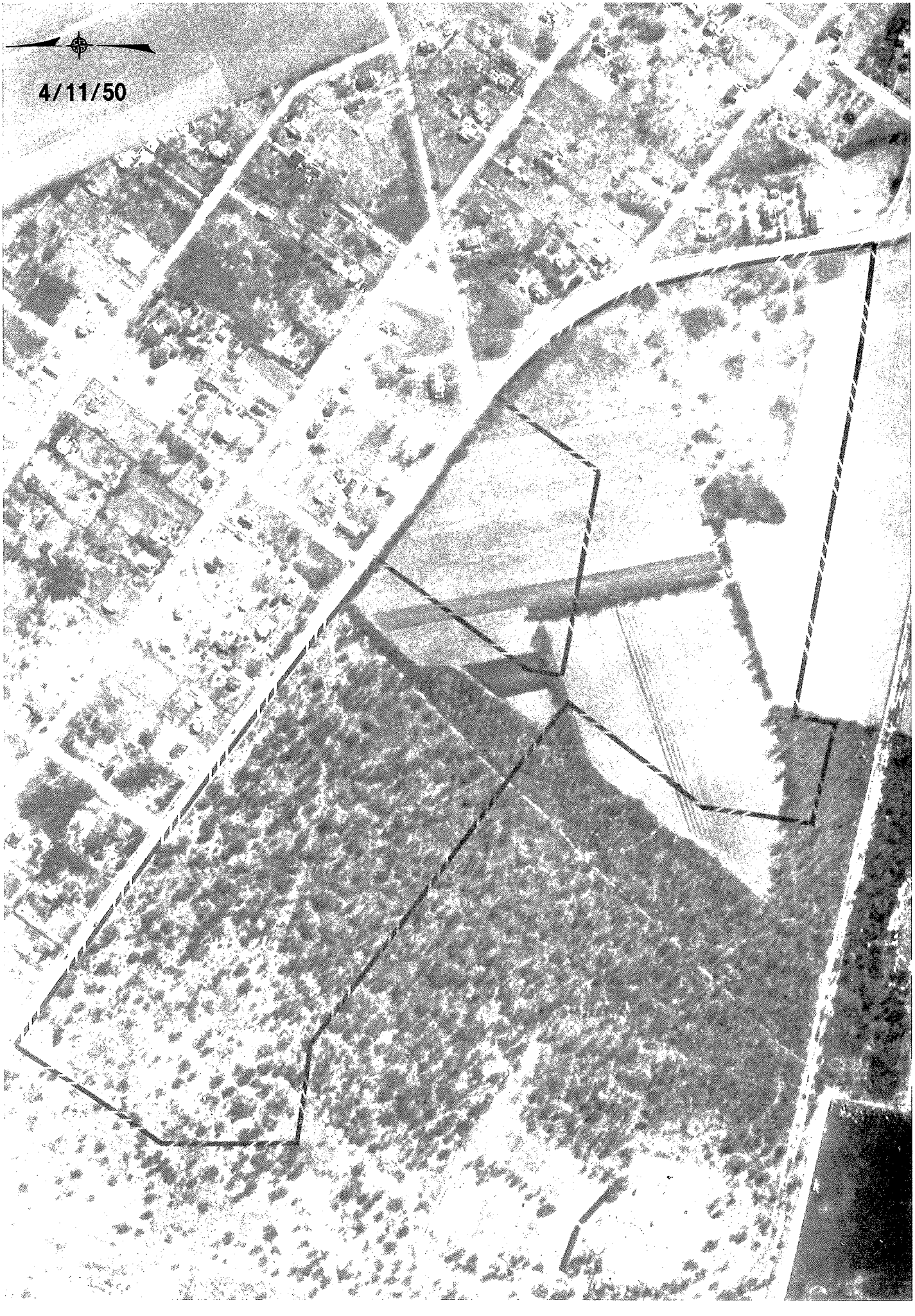
Dvirka and Bartilucci
CONSULTING ENGINEERS

NGINS000120550

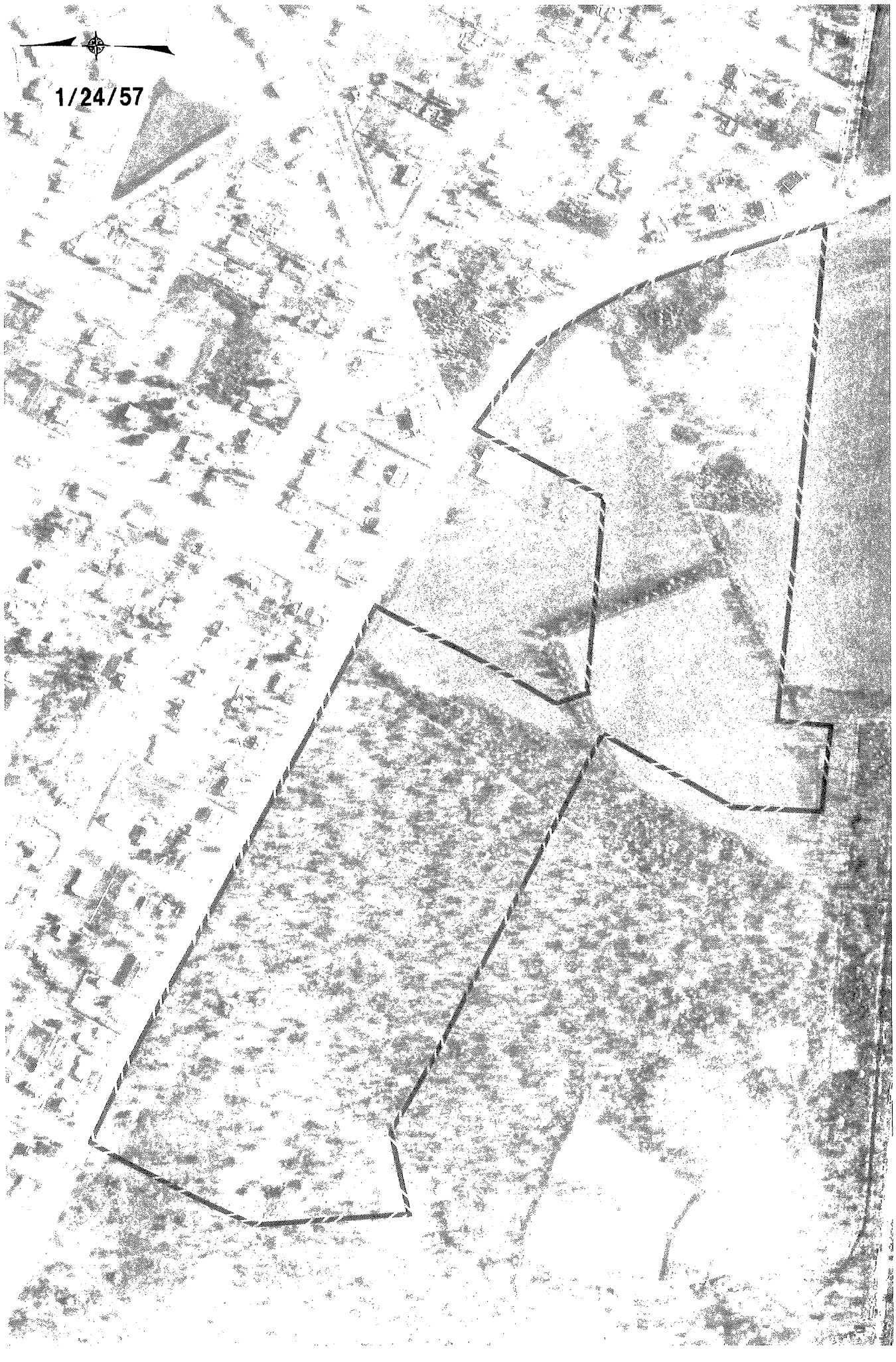
Appendix C

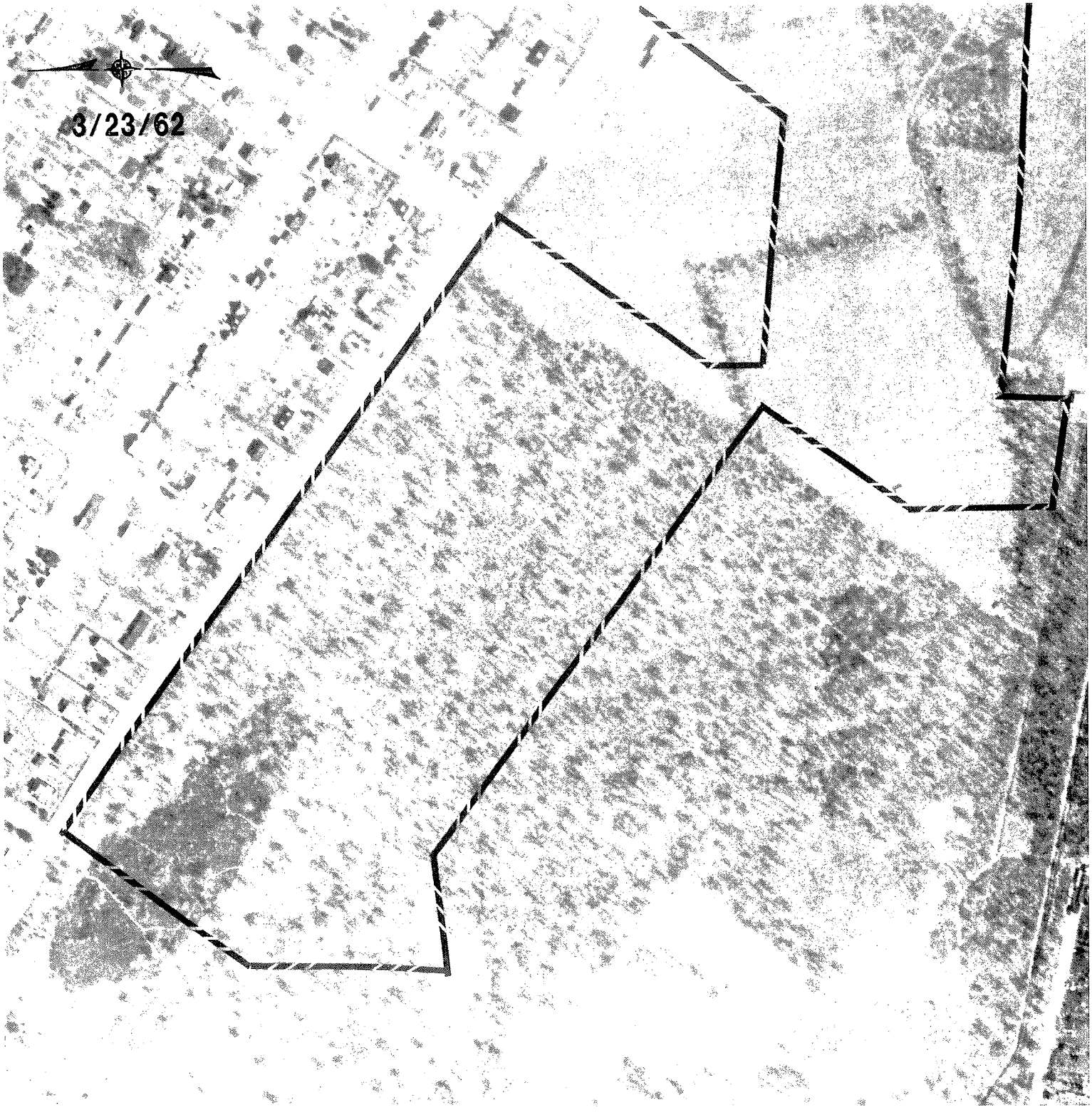
APPENDIX C

AERIAL PHOTOGRAPHS (1950-1988)

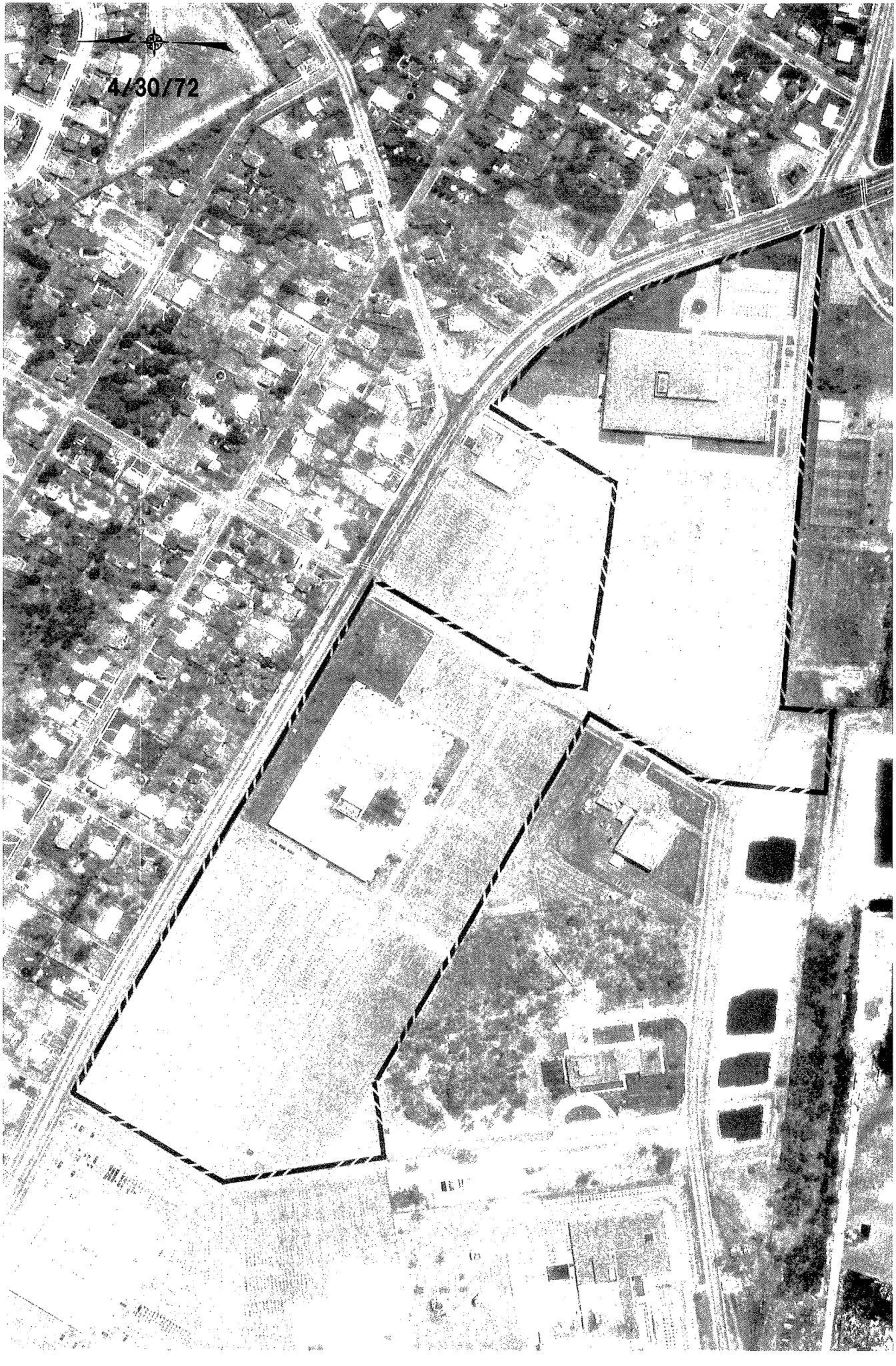


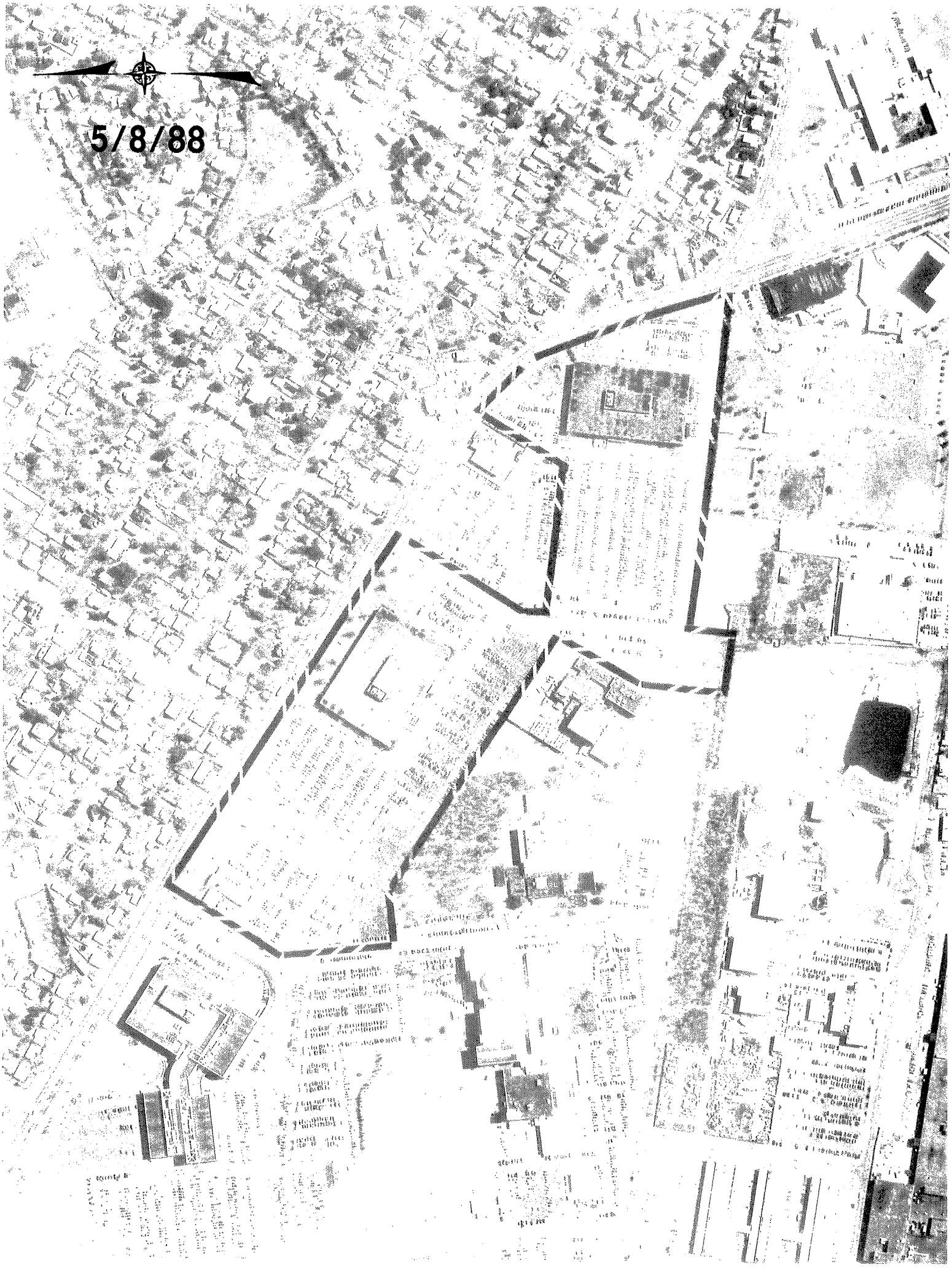

1/3/55






4/11/69





Appendix D

APPENDIX D

BORING LOGS

BORING LOG

DVIRKA AND BARTILUCCI

Project No.: 1167-N
Project Name: GRUMMAN

Well/Boring No.: B30 MW-1
Sheet 1 of 4
By: KSR Date: 3/16/94
Chk'd: _____ Date: _____

Drilling Contractor: John Emmington
Driller: Scot
Drill Rig: CME 75
Sample Spoon I.D.: 2 inch
Date Started: 2/28/94

Geologist: Keith Robins
Drilling Method: 4¼" Hollow Stem Augers
Drive Hammer Wt.: 140 lbs
Date Completed: 2/28/94

Borehole Completion Depth: 72 FT
Borehole Diameter: 7 inch
Ground Surface El.: NA

DEPTH (FT.)	SAMPLE NO.	SAMPLING INTERVAL	RECOVERY/ RQD	BLOWS/6"	HEADSPACE (PPM)	SAMPLE DESCRIPTION
-0-					OVA	
-1-	1	0-2	12"	5,5, 5,5	0	(0'-2') Brown medium-fine Sand, little-gravel, trace silt
-2-						
-3-	2	2-4	12"	6,6, 5,6	0	(2'-4') Brown silt, sand, trace gravel (damp)
-4-						
-5-	3	4-6	15"	5,7, 8,12	0	(4'-6') 0-12" Brown-orange, medium to course sand 12"-15" Gray silt and clay (moist)
-6-						
-7-	4	6-8	15"	14,15 14,16	0	(6'-8') Brown-Orange medium-coarse Sand, little gravel, trace silt. (damp)
-8-						
-9-	5	8-10	15"	9,9, 10,12	0	(8'-10') Brown-Orange course Sand, some gravel, trace silt. (damp)
-10						

Remarks: Soil sample collected for laboratory analysis at (6'-8')

Water Level Measurement
_____ Date _____
_____ Date _____
_____ Date _____
_____ Date _____

BL

BORING LOG

DVIRKA AND BARTILUCCI

Project No.: 1167-N
Project Name: GRUMMAN

Well/Boring No.: B30MW-1
Sheet 2 of 4
By: KSR Date: 3/16/94
Chk'd: _____ Date: _____

Drilling Contractor: John Emrydson
Driller: Scot Geologist: Keith Robins
Drill Rig: CME 75 Drilling Method: 4¼" Hollow Stem Augers
Sample Spoon I.D.: 2 inch Drive Hammer Wt.: 140 lbs
Date Started: 2/28/94 Date Completed: 2/28/94

Borehole Completion Depth: 72 FT
Borehole Diameter: 7 inch
Ground Surface El.: NA

DEPTH (FT.)	SAMPLE NO.	SAMPLING INTERVAL	RECOVERY/ RQD	BLOWS/6"	HEADSPACE (PPM)	SAMPLE DESCRIPTION
1-0-					OVA	
1-2-						
1-4						
1-6	6	15-17	—	9,6 13,20	—	(15'-17') No recovery, due to rock and large cobbles
1-8						
2-0						
2-2	7	20-22	12"	9,14 17,23	0	(20'-22') Brown - LT orange, medium-course Sand, little gravel trace silt
2-4						
2-6	8	25-27	15"	6,6, 12,7	0	(25'-27') Brown - LT Tan medium-Coarse Sand, little gravel, trace silt.
2-8						
3-10						

Remarks: Changed vertical scale to every 2 FT

Water Level Measurement _____ Date _____
_____ Date _____
_____ Date _____
_____ Date _____

BL

BORING LOG

DVIRKA AND BARTILUCCI

Project No.: 1167-N
Project Name: GRUMMAN

Well/Boring No.: B30MW-1
Sheet 2 of 4
By: JSR Date: 3/16/94
Chk'd: _____ Date: _____

Drilling Contractor: John Emington
Driller: Scot
Drill Rig: CME75
Sample Spoon I.D.: 2 inch
Date Started: 2/28/94

Geologist: Keith Robins
Drilling Method: 4 1/4" Hollow Stem Aug
Drive Hammer Wt.: 140 lbs.
Date Completed: 2/28/94

Borehole Completion Depth: 72 FT
Borehole Diameter: 7 inch
Ground Surface El.: _____

DEPTH (FT.)	SAMPLE NO.	SAMPLING INTERVAL	RECOVERY/ RQD	BLOWS/6"	HEADSPACE (PPM)	SAMPLE DESCRIPTION
30					OVA	
32	9	30-32	15"	5,5 12,12	0	(30'-32') 0-12" LT Tan coarse Sand Some-little fine gravel 12"-15" Brown to Orange medium Sand, trace silt. (damp)
34						
36	10	35-37	20"	5,5, 5,5	0	(35'-37') 0-15" Brown, medium-fine Sand 15"-20" Brown coarse sand some gravel (damp)
38						
40	11	40-42	16"	6,12 18,24	0	(40'-42') Red - Orange - Brown, coarse Sand, some broken fragments of gravel, trace silt.
42						
44						
46	12	45-47	18"	3,3, 9,9	0	(45'-47') 0-9" LT Brown fine Sand with 2" clay lense 9"-18" Fine Sand.
48						
50						

Remarks:

Water Level Measurement _____ Date _____
_____ Date _____
_____ Date _____
_____ Date _____

BL

BORING LOG

DVIRKA AND BARTILUCCI

Project No.: 1167-N
Project Name: GRUMMAN

Well/Boring No.: B30:MW-1
Sheet 4 of 4
By: KSR Date: 3/16/94
Chk'd: _____ Date: _____

Drilling Contractor: John Emmerton
Driller: Scott
Drill Rig: CME 75
Sample Spoon I.D.: 2 inch
Date Started: 2/28/94

Geologist: Keith Robbins
Drilling Method: 4 1/4" Hollow Stem Augers
Drive Hammer Wt.: 140 lbs.
Date Completed: 2/28/94

Borehole Completion Depth: 72 FT
Borehole Diameter: 4 inch
Ground Surface El.: NA

DEPTH (FT.)	SAMPLE NO.	SAMPLING INTERVAL	RECOVERY/ RQD	BLOWS/6"	HEADSPACE (PPM)	SAMPLE DESCRIPTION
50					OVA	
52	13	50-52	18"	6,8, 12,12	0	(50'-52') 0-12" Gray fine Sand (damp) 12"-18" Tan-White fine Sand, trace silt (moist)
54						
56	14	55-57	18"	6,12, 15,17	0	(55'-57') Tan-LT gray fine sand with clayey sand lenses, little silt (damp-moist)
58						
60	15	60-62	15"	6,8, 12-	0	(60-62) Brown fine Sand, little silt (SATURated)
62						
64						
66						
68						END OF BORING AT 72 FT
70						

Remarks:

Water Level Measurement _____ Date _____
_____ Date _____
_____ Date _____
_____ Date _____

BL

Appendix E

APPENDIX E

LABORATORY DATA

1A-GC

NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	SOIL	SAMPLE ID:	B30MW1 6-8
CONC. LEVEL:	LOW	LAB ID:	1993401
ANALYSIS DATE:	3/05/94	DIL FACTOR:	1.00
		% MOISTURE:	2

CMPD #	CAS Number	VOLATILE COMPOUNDS	UG/KG (DRY BASIS)
1	74-87-3	Chloromethane	1.0 U.
2	74-83-9	Bromomethane	1.0 U.
3	75-01-4	Vinyl Chloride	1.0 U.
4	75-00-3	Chloroethane	1.0 U.
5	75-09-2	Methylene Chloride	1.0 U.
6	75-35-4	1,1-Dichloroethene	1.0 U.
7	75-34-3	1,1-Dichloroethane	1.0 U.
8	156-60-5	1,2-Dichloroethene (trans)	1.0 U.
9	67-66-3	Chloroform	1.0 U.
10	107-06-2	1,2-Dichloroethane	1.0 U.
11	71-55-6	1,1,1-Trichloroethane	1.0 U.
12	56-23-5	Carbon Tetrachloride	1.0 U.
13	75-27-4	Bromodichloromethane	1.0 U.
14	78-87-5	1,2-Dichloropropane	1.0 U.
15	10061-01-5	cis-1,3-Dichloropropene	1.0 U.
16	79-01-6	Trichloroethene	1.0 U.
17	124-48-1	Dibromochloromethane	1.0 U.
18	79-00-5	1,1,2-Trichloroethane	1.0 U.
19	71-43-2	Benzene	1.0 U.
20	10061-02-6	Trans-1,3-Dichloropropene	1.0 U.
21	127-18-4	Tetrachloroethene	1.0 U.
22	79-34-5	1,1,2,2-Tetrachloroethane	1.0 U.
23	108-88-3	Toluene	1.0 U.
24	108-90-7	Chlorobenzene	1.0 U.
25	100-41-4	Ethylbenzene	1.0 U.
26	1330-20-7	Xylene (total)	1.0 U.
27	110-75-8	2-Chloroethylvinylether	1.0 U.
28	75-71-8	Dichlorodifluoromethane	1.0 U.
29	75-69-4	Trichlorofluoromethane	1.0 U.
30	95-50-1	1,2-Dichlorobenzene	1.0 U.
31	541-73-1	1,3-Dichlorobenzene	1.0 U.
32	106-46-7	1,4-Dichlorobenzene	1.0 U.
33	75-25-2	Bromoform	1.0 U.

NYTEST ENVIRONMENTAL, inc.

REPORT OF ANALYSIS

Log In No.: 19934

We find as follows:

Results in mg/kg (dry weight basis) :

Sample Identification		Parameter(s)
		Total Petroleum Hydrocarbons
Method Blank		<10.0
Method Detection Limit		10.0
1993401	B30MW1 6-8	145

0000277

REPORT OF ANALYSIS

Log In No.: 19934

We find as follows:

Results in ppm, mg/kg (Dry wt.): Matrix: SOIL

Parameter(s)	Sample Identification B30MW1 6-8 (1993401)
Gasoline	76 U
TPH (as Gasoline)	ND
Kerosene	76 U
TPH (as Kerosene)	ND
#2 Fuel Oil	76 U
TPH (as #2 Fuel Oil)	ND
#6 Fuel Oil	76 U
TPH (as #6 Fuel Oil)	ND
Lubricating Oil	76 U
TPH (as Lubricating Oil)	ND

NA = Not Applicable
ND = Not Detected

* TPH (as...) = Total Volatile hydrocarbons quantitated as a particular hydrocarbon, however, peak pattern does not match that of the hydrocarbon reference standards.

0000169

1 D-T

NYTEST ENVIRONMENTAL INC.

TCL PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	SOIL	SAMPLE ID:	B30MW1 6-8
CONC. LEVEL:	LOW	LAB SAMPLE ID:	1993401
EXTRACTION DATE:	3/4/94	DIL FACTOR:	1.00
ANALYSIS DATE:	3/14/94	% MOISTURE:	2

CMPD #	CAS Number	PESTICIDE/PCB COMPOUND	UG/KG (DRY BASIS)
1	319-84-6	alpha-BHC	NA
2	319-85-7	beta-BHC	NA
3	319-86-8	delta-BHC	NA
4	58-89-9	gamma-BHC(Lindane)	NA
5	76-44-8	Heptachlor	NA
6	309-00-2	Aldrin	NA
7	1024-57-3	Heptachlor Epoxide	NA
8	959-98-8	Endosulfan I	NA
9	60-57-1	Dieldrin	NA
10	72-55-9	4,4'-DDE	NA
11	70-20-8	Endrin	NA
12	33213-65-9	Endosulfan II	NA
13	72-54-8	4,4-DDD	NA
14	1031-07-8	Endosulfan Sulfate	NA
15	50-29-3	4,4'-DDT	NA
16	72-43-5	Methoxychlor	NA
17	53494-70-5	Endrin Ketone	NA
18	7421-36-3	Endrin Aldehyde	NA
19	57-74-9	Chlordane	NA
20	8001-35-2	Toxaphene	NA
21	12674-11-2	Aroclor-1016	82.000 U.
22	11104-28-2	Aroclor-1221	82.000 U.
23	11141-16-5	Aroclor-1232	82.000 U.
24	53469-21-9	Aroclor-1242	82.000 U.
25	12672-29-6	Aroclor-1248	82.000 U.
26	11097-69-1	Aroclor-1254	82.000 U.
27	11096-82-5	Aroclor-1260	82.000 U.

1AP 624

NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: WATER | SAMPLE ID: B30MW-1
CONC. LEVEL: LOW | LAB ID: 2023302
ANALYSIS DATE: 4/1/94 | DIL FACTOR: 1.00
% MOISTURE: NA

UG/L

CMPD #	CAS Number	VOLATILE COMPOUNDS	
1	74-87-3	Chloromethane	10.0 U.
2	74-83-9	Bromomethane	10.0 U.
3	75-01-4	Vinyl Chloride	10.0 U.
4	75-00-3	Chloroethane	10.0 U.
5	75-09-2	Methylene Chloride	1.0 J.
6	75-35-4	1,1-Dichloroethene	5.0 U.
7	75-34-3	1,1-Dichloroethane	5.0 U.
8	156-60-5	Trans-1,2-Dichloroethene	5.0 U.
9	67-66-3	Chloroform	2.0 J.
10	107-06-2	1,2-Dichloroethane	5.0 U.
11	71-55-6	1,1,1-Trichloroethane	5.0 U.
12	56-23-5	Carbon Tetrachloride	5.0 U.
13	75-27-4	Bromodichloromethane	5.0 U.
14	78-87-5	1,2-Dichloropropane	5.0 U.
15	10061-01-5	cis-1,3-Dichloropropene	5.0 U.
16	79-01-6	Trichloroethene	5.0 U.
17	124-48-1	Dibromochloromethane	5.0 U.
18	79-00-5	1,1,2-Trichloroethane	5.0 U.
19	71-43-2	Benzene	5.0 U.
20	10061-02-6	Trans-1,3-Dichloropropene	5.0 U.
21	75-25-2	Bromoform	5.0 U.
22	127-18-4	Tetrachloroethene	5.0 U.
23	79-34-5	1,1,2,2-Tetrachloroethane	5.0 U.
24	108-88-3	Toluene	5.0 U.
25	108-90-7	Chlorobenzene	5.0 U.
26	100-41-4	Ethylbenzene	5.0 U.
27	107-02-8	Acrolein	100.0 U.
28	107-13-1	Acrylonitrile	100.0 U.
29	110-75-8	2-Chloroethylvinylether	10.0 U.
30	75-69-4	Trichlorofluoromethane	10.0 U.
31		Dichlorobenzene (total)	30.0 U.

0000011

1AP 624

NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: WATER
CONC. LEVEL: LOW
ANALYSIS DATE: 4/5/94

SAMPLE ID: P-2
LAB ID: 2023301
DIL FACTOR: 1.00
% MOISTURE: NA

UG/L

CMPD #	CAS Number	VOLATILE COMPOUNDS	
1	74-87-3	Chloromethane	10.0 U.
2	74-83-9	Bromomethane	10.0 U.
3	75-01-4	Vinyl Chloride	10.0 U.
4	75-00-3	Chloroethane	10.0 U.
5	75-09-2	Methylene Chloride	1.0 JB
6	75-35-4	1,1-Dichloroethene	5.0 U.
7	75-34-3	1,1-Dichloroethane	5.0 U.
8	156-60-5	Trans-1,2-Dichloroethene	5.0 U.
9	67-66-3	Chloroform	5.0 U.
10	107-06-2	1,2-Dichloroethane	5.0 U.
11	71-55-6	1,1,1-Trichloroethane	1.0 J.
12	56-23-5	Carbon Tetrachloride	5.0 U.
13	75-27-4	Bromodichloromethane	5.0 U.
14	78-87-5	1,2-Dichloropropane	5.0 U.
15	10061-01-5	cis-1,3-Dichloropropene	5.0 U.
16	79-01-6	Trichloroethene	2.0 J.
17	124-48-1	Dibromochloromethane	5.0 U.
18	79-00-5	1,1,2-Trichloroethane	5.0 U.
19	71-43-2	Benzene	5.0 U.
20	10061-02-6	Trans-1,3-Dichloropropene	5.0 U.
21	75-25-2	Bromoform	5.0 U.
22	127-18-4	Tetrachloroethene	5.0 U.
23	79-34-5	1,1,2,2-Tetrachloroethane	5.0 U.
24	108-88-3	Toluene	5.0 U.
25	108-90-7	Chlorobenzene	5.0 U.
26	100-41-4	Ethylbenzene	5.0 U.
27	107-02-8	Acrolein	100.0 U.
28	107-13-1	Acrylonitrile	100.0 U.
29	110-75-8	2-Chloroethylvinylether	10.0 U.
30	75-69-4	Trichlorofluoromethane	10.0 U.
31		Dichlorobenzene (total)	30.0 U.

0000013

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B30MW-1

Lab Name: NYTEST ENV INC Contract: 9420864

Lab Code: NYTEST Case No.: 20233 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2023302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N5822

Level: (low/med) LOW Date Received: 03/31/94

% Moisture: not dec. ____ Date Analyzed: 04/01/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN SILOXANE	11.91	8.0	J
2.	UNKNOWN SILOXANE	17.15	26	J
3.	UNKNOWN SILOXANE	21.35	10	J

0000012

1E

EPA SAMPLE NO.

P-2

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: NYTEST ENV INC Contract: 9420864

Lab Code: NYTEST Case No.: 20233 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2023301

Sample wt/vol: 4.00 (g/mL) ML Lab File ID: N5870

Level: (low/med) LOW Date Received: 03/31/94

% Moisture: not dec. ____ Date Analyzed: 04/05/94

Column (pack/cap) CAP Dilution Factor: 0.80

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN SILOXANE	11.92	17	J
2.	UNKNOWN SILOXANE	17.18	35	J

0000014

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B30MW1

Lab Name: NYTEST_ENV_INC Contract: 9420864

Lab Code: NYTEST Case No.: 20233 SAS No.: SDG No.: 608

Matrix (soil/water): WATER Lab Sample ID: 023302

Level (low/med): LOW Date Received: 03/31/94

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	26.0	U		P
7440-38-2	Arsenic	5.0	U	N	F
7440-39-3	Barium				NR
7440-41-7	Beryllium	3.6	B	*	P
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	9.0	U	*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper	28.8		*	P
7439-89-6	Iron				NR
7439-92-1	Lead	24.9		N*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.73		N	CV
7440-02-0	Nickel	23.0	U		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	5.0	U	N	F
7440-22-4	Silver	5.0	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	203		*	P
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: TURBID Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

B30MW-1

FORM I - IN

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

D30MW1

Lab Name: NYTEST_ENV_INC Contract: 9420864

Lab Code: NYTEST Case No.: 20233 SAS No.: SDG No.: 608

Matrix (soil/water): WATER Lab Sample ID: D023302

Level (low/med): LOW Date Received: 03/31/94

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony	26.0	U		P
7440-38-2	Arsenic	5.0	U	W	F
7440-39-3	Barium		-		NR
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium		-		NR
7440-47-3	Chromium	9.0	U		P
7440-48-4	Cobalt		-		NR
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron		-		NR
7439-92-1	Lead	3.0	U	W	F
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	23.0	U		P
7440-09-7	Potassium		-		NR
7782-49-2	Selenium	5.0	U		F
7440-22-4	Silver	5.0	U	N	P
7440-23-5	Sodium		-		NR
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc	28.5	-		P
5955-70-0	Cyanide		-		NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

B30MW-1-DISSOLVED

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

P-2XXX

Lab Name: NYTEST_ENV_INC Contract: 9420864

Lab Code: NYTEST Case No.: 20233 SAS No.: SDG No.: 608

Matrix (soil/water): WATER Lab Sample ID: 023301

Level (low/med): LOW Date Received: 03/31/94

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	26.0	U		P
7440-38-2	Arsenic	5.0	U	N	F
7440-39-3	Barium				NR
7440-41-7	Beryllium	1.0	U	*	P
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	1340		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper	55.1		*	P
7439-89-6	Iron				NR
7439-92-1	Lead	11.0		N*	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.22		N	CV
7440-02-0	Nickel	429			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	5.0	U	N	F
7440-22-4	Silver	5.0	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	49.3		*	P
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: TURBID Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

P-2

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

DP-2XX

Lab Name: NYTEST_ENV_INC Contract: 9420864

Lab Code: NYTEST Case No.: 20233 SAS No.: SDG No.: 608

Matrix (soil/water): WATER Lab Sample ID: D023301

Level (low/med): LOW Date Received: 03/31/94

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	26.0	U		P
7440-38-2	Arsenic	5.0	U		F
7440-39-3	Barium				NR
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	9.0	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper	5.2	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	3.0	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	428			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	5.0	U		F
7440-22-4	Silver	5.0	U	N	P
7440-23-5	Sodium				NR
7440-28-0	Thallium	5.0	U		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.8	B		P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

P-2-DISSOLVED

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Appendix F

APPENDIX F

SUPPLEMENTAL INFORMATION

BUILDING 16

Building 16

Now known as building 35-04

Tanks in service at this location

Tank No.	Location/Use	Contents	Gallons Buried	Gallons Above	Date Installed
35-04-1	Boiler	No. 2 Fuel Oil	3000	--	12-31-74

Tyree Brothers Environmental Services, Inc.

208 Route 109, Farmingdale, NY 11735 • Fax: 516-249-3281 • Phone: 516-249-3150

JUNE 13,1990

NASSAU COUNTY HEALTH DEPARTMENT
240 OLD COUNTRY ROAD
MINEOLA, NEW YORK 11501

Gentlemen

Enclosed please find a copy of a Tank System Tightness Report for:

GRUMMAN
16-04-1
BETHPAGE, NY

Sincerely,

Sheri Miranda

Sheri Miranda

Testing Tec ARMAND KULPA
License No. GCP-295
Date of Test: 6/4/90
NCHO# 156H90T09
FACILITY # 000001
TANK 2302
CC: NYSDEC
PERIODIC TEST

Member
Tyree Environmental Technologies

Data Chart for Tank System Tightness Test

PLEASE PRINT

1. OWNER Property [X] Tank(s) [X]

Name: Aerospace, P.O. Box 54, Hicksville, N.Y. — Address — Representative: John Selva 575-8146 — Telephone

Name — Address — Representative — Telephone

2. OPERATOR

Name: Grumman, 16-04-01, Bethpage, N.Y. — Address — Telephone

3. REASON FOR TEST (Explain Fully)

Periodic System Testing

4. WHO REQUESTED TEST AND WHEN

Name: Nassau County Health Dept., 240 Old Country Rd, Mineola, N.Y. — Title — Company or Affiliation — Date — Address — Telephone

5. TANK INVOLVED

Use additional lines for manifolded tanks

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
Tank 2802	3000	#2	F/O	—	

6. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
Front of Bld		4"	2"	yes	→
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Tlsfill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

7. UNDERGROUND WATER

Depth to the Water table: Below — Is the water over the tank? [ ] Yes [X] No

8. FILL-UP ARRANGEMENTS

Tanks to be filled 8:00 hr. 6/4/90 Date — Arranged by John Selva 575-8146 — Name — Telephone

Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry ________ Company — Name — Telephone

9. CONTRACTOR, MECHANICS, any other contractor involved

TYREE BROS.
ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109
FARMINGDALE, N.Y. 11735
(516) 249-3150

10. OTHER INFORMATION OR REMARKS

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.

11. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Leakage Indicated	Date Tested
Tank 2802	yes	+.011 gph	6/4/90

12. SENSOR CERTIFICATION

6/4/90
Date
725
Serial No. of Thermal Sensor

13. This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria established by the National Fire Protection Association Pamphlet 329.

Technicians
1. CCF-795 [signature]
Certification #
2. ________
Certification #

TYREE BROS. ENVIRONMENTAL SERVICES, INC. 208 ROUTE 109 FARMINGDALE, N.Y. 11735 (516) 249-3150 — Testing Contractor or Company — By: Signature [signature] — Address

FN0827

NGINS000120580

PETRO-TITE CALCULATION PROGRAM THERMAL CROSSOVER
** PROTOCOL "A" ** NUMBER DEG F NUMBER DEG F
THERMAL READING AFTER CIRC. ---> [illegible] [illegible] [illegible] [illegible]
DIGITS PER DEG F ------------ 326 326
TOTAL QUANTITY IN FULL TANK ---> 3310 [illegible] NAME & ADDRESS
RECIPROCAL ------------------- [illegible] [illegible]
VOLUME CHANGE PER DEG F ------- [illegible] [illegible] TANK NUMBER
DIGITS PER DEG F ------------ 326 [illegible]
VOLUME CHANGE / DIGIT [illegible] 0.0001 [illegible]

30 HYDRO PLC		31 VOLUME READ. (V)			34 TEMP COMP DEG F		0.0001 / 38 VOL CHNG		40 [illegible]
STANDPIPE LEVELS		PROD IN GRADUATE		PROD OUT	35	36	37	TEMP ADJ	
REQUIRED	READING	BEFORE	AFTER	PROD OUT	THERM. READING	[illegible]	COMPUTATION	NET VOL CHNG	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-5	[illegible]	[illegible]	
12	11.5	0.52	0.5	-0.02	14665	-4	-0.017	-0.003	
[illegible]	11.4	0.5	0.475	-0.025	14659	-6	-0.025	-2.0817E-17	
12	11.5	0.475	0.455	-0.02	14654	-5	-0.021	0.001	
12	11.4	0.455	0.43	-0.025	14648	-6	-0.025	-2.0817E-17	
12	11.5	0.43	0.41	-0.02	14643	-5	-0.021	0.001	
12	11.5	0.41	0.39	-0.02	14637	-6	-0.025	0.005	
12	11.4	0.39	0.365	-0.025	14631	-6	-0.025	-2.0817E-17	
12	11.5	0.365	0.345	-0.02	14626	-5	-0.021	0.001	
12	11.5	0.345	0.325	-0.02	14622	-4	-0.017	-0.003	
12	11.5	0.325	0.305	-0.02	14617	-5	-0.021	0.001	
12	11.4	0.305	0.28	-0.025	14612	-5	-0.021	-0.004	
12	11.5	0.28	0.26	-0.02	14606	-6	-0.025	0.005	
12	11.5	0.26	0.24	-0.02	14601	-5	-0.021	0.001	
12	11.4	0.24	0.215	-0.025	14595	-6	-0.025	6.9389E-18	
12	11.5	0.215	0.195	-0.02	14590	-5	-0.021	0.001	
12	11.5	0.72	0.7	-0.02	14584	-6	-0.025	0.005	
12	11.4	0.7	0.675	-0.025	14577	-7	-0.029	0.004	
12	11.5	0.675	0.655	-0.02	14573	-4	-0.017	-0.003	
12	11.5	0.655	0.635	-0.02	14568	-5	-0.021	0.001	
12	11.4	0.635	0.61	-0.025	14563	-5	-0.021	-0.004	
12	11.5	0.61	0.59	-0.02	14561	-2	-0.008	-0.012	
12	11.5	0.59	0.57	-0.02	14555	-6	-0.025	0.005	
12 *	11.5 *	0.57 *	0.55 *	-0.02 *	14548 *	-7 *	-0.029 *	0.009 *	0.011 *<--2 Hour

NGINS000120581

Data Chart for Tank System Tightness Test

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☐

Name | Address | Representative | Telephone

Name | Address | Representative | Telephone

2. OPERATOR

Name | Address | Telephone

3. REASON FOR TEST (Explain Fully)

4. WHO REQUESTED TEST AND WHEN

Name | Title | Company or Affiliation | Date

Address | Telephone

5. TANK INVOLVED

Use additional lines for manifolded tanks

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass

6. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Tiltfill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

7. UNDERGROUND WATER

Depth to the Water table _____

Is the water over the tank? ☐ Yes ☐ No

8. FILL-UP ARRANGEMENTS

Tanks to be filled _____ hr _____ Date Arranged by _____ Name Telephone

Extra product to "top off" and run tank tester How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry _____ Company Name Telephone

9. CONTRACTOR, MECHANICS, any other contractor involved

10. OTHER INFORMATION OR REMARKS

Additional information on any items above Officials or others to be advised when testing is in progress or completed Visitors or observers present during test, etc

11. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Leakage Indicated	Date Tested

12. SENSOR CERTIFICATION

Date

Serial No. of Thermal Sensor

13. This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria established by the National Fire Protection Association Pamphlet 329.

Technicians

1 _____ Certification # _____

2 _____ Certification # _____

Testing Contractor or Company By: Signature

Address

NGINS000120582

BIHGLOM

15. TANK TO TEST

Front of Building — Identity by position

F/O — Brand and Grade

15a. BRIEF DIAGRAM OF TANK FIELD

16. CAPACITY

Nominal Capacity 3000 Gallons

By most accurate capacity chart available 3000 Gallons

From
- [ ] Station Chart
- [X] Tank Manufacturer's Chart
- [ ] Company Engineering Data
- [ ] Charts supplied with
- [ ] Other

17. FILL-UP FOR TEST

Stick Water Bottom before Fill-up — in to — Gallons; 64" Tank Diameter in

	Gallons	Total Gallons as Reading
Inventory 64"		3000
		10
Transfer total to line 25a		3010

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK

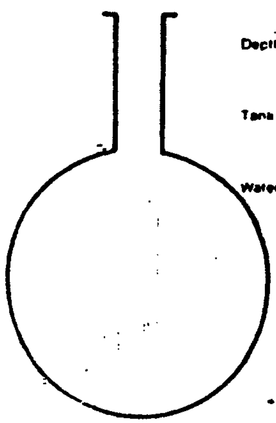
- [ ] Water in tank
- [ ] Line(s) being tested with LVLLT
- [ ] High water table in tank excavation

See manual sections applicable. Check below and record procedure in log (27)

Use maximum allowable test pressure for all tests
Four pound rule does not apply to doublewalled tanks

Complete section below

1. Is four pound rule required? Yes [ ] No [ ]
2. Height to 12" mark from bottom of tank 137 in
3. Pressure at bottom of tank 4247 PSI
4. Pressure at top of tank 2263 PSI



Depth of burial 37 in

Tank dia 64 in

Water table 0. in

NOTES

The above calculations are to be used for dry soil conditions to establish a positive pressure advantage, or when using the four pound rule to compensate for the presence of subsurface water in the tank area.

Refer to N F P A 30. Sections 2-3.2.4 and 2-7.2 and the tank manufacturer regarding allowable system test pressures.

19. TANK MEASUREMENTS FOR TSTT ASSEMBLY

Bottom of tank to grade* 101 in

Add 30" for "T" probe assy 30 in

Total tubing to assemble — approximate 141 in

20. EXTENSION HOSE SETTING

Tank top to grade* 37 in

Extend hose on suction tube 6" or more below tank top — in

*If Fill pipe extends above grade, use top of fill

21. VAPOR RECOVERY SYSTEM

- [ ] Stage I
- [ ] Stage II

22. Thermal-Sensor reading after circulation 14216 digits; 69/68 °F

23. Digits per °F in range of expected change — Between 326 digits

COEFFICIENT OF EXPANSION (Complete after circulation)

24a. Corrected A P I Gravity

Observed A P I Gravity

Hydrometer employed H

Observed Sample Temperature N/A °F

Corrected A P I Gravity @ 60°F. From Table A

Coefficient of Expansion for Involved Product From Table B

Transfer COE to Line 25b

24b. COEFFICIENT OF EXPANSION RECIPROCAL METHOD

Type of Product F/O

Hydrometer Employed 4 H

Temperature in Tank After Circulation 67 °F

Temperature of Sample 69. °F

Difference (+/-) +2. °F

Observed A P I Gravity 32.8.

Reciprocal 2214 Page # 36

3010 Total quantity in full tank (16 or 17) . 2216 Reciprocal . 1.358330324 Volume change in this tank per °F

Transfer to Line 26a

24c. FOR TESTING WITH WATER see Table C & D

Water Temperature after Circulation Table C N/A °F

Coefficient of Water Table D

Added Surfactant? [ ] Yes [ ] No Transfer COE to Line 25b

25. (a) Total quantity in full tank (16 or 17) × (b) Coefficient of expansion for involved product = (c) Volume change in this tank per °F gallons

26. (a) 1.358330324 Volume change per °F (25 or 24b) . 326 Digits per °F in test = 0.004166574 Volume change per digit This test (.004'2)

NGINS000120583

27 Sensor Calibration ____ / ____ LOG OF TEST PROCEDURES			30 HYDROSTATIC PRESSURE CONTROL		31. VOLUME MEASUREMENTS (V) RECORD TO .001 GAL			34 TEMPERATURE COMPENSATION USE FACTOR (a)			38 NET VOLUME CHANGING EACH READING	39 ACCUMULATED CHANGE
28 DATE	Record details of setting up and running test (Use full length of line if needed)	29 Reading No	Standpipe Level in Inches		32. Product in Graduate		33 Product Replaced (-)	35	36 Change Higher + Lower - (c)	37 Computation (c) × (a) = Expansion + Contraction -	Temperature Adjustment	
TIME (24 hr)			Beginning of Reading	Level to which Restored	Before Reading	After Reading	Product Recovered (+)	Thermal Sensor Reading			Volume Minus Expansion (+) or Contraction (-) #33(V) — #37(T)	At Low Level compute Change per Hour (NFPA criteria)
	[illegible]		Bled [illegible] lines				AF actor			.004	2.	
	[illegible]					Dischrg [illegible]		14027		- 325		
[illegible]	Start [illegible]	1	—	42	—	-	—	14716	—	-	—	
1030	Check	2	40.0	42	610	510	-100	701	+15	-063	+037	
1045	" " "	3	40.0	42	510	410	-100	688	-13	-055	+045	
1100	" " "	4	40.1	42	410	315	-095	672	+16.	-067.	+028	
	Drop to [illegible] level	—	—	—	—	—	—		—	—	—	
1115	Start " "	5	-	12	—	-	—	687.	-15	—	—	
1130	Check " "	6	11.2	12	575	530	-045	674	-13	-055	+010	
1135	" "	7	11.8	12	530	520	-010	669	-5	-021	+011	
[illegible]	" "	8	11.5	12	520	500	-020	665	-4	-017	-003	+008
[illegible]	" "	9	11.4	12	500	475	-025	659	-6	-025	-000	+008
[illegible]	"	10	11.5	12	475	455	-020	654	-5	-021	+001	+005
[illegible]	"	11	11.4	12	455	430	-025	648	-6	-025	+000	+009
[illegible]		12	11.5	12	430	410	-020	643	-5	-021	+001	+010
[illegible]		13	11.5	12	410	390	-020	637	-6	-025	+005	+015
[illegible]		14	11.4	12	390	365	-025	631	-6	-025	+000	+015
[illegible]	"	15	11.5	12	365	345	-020	626	-5	-021	+001	+016
[illegible]	"	16	11.5	12	345	325	-020	622	-4	-017	-003	+013
[illegible]	"	17	11.5	12	325	305	-020	617	-5	-021	+001	+014
[illegible]		18	11.4	12	305	280	-025	612	-5	-021	-004.	+010
[illegible]		19	11.5	12	280	260	-020	606	-6	-025	+005	+015
[illegible]	" "	20	11.5	12	260	240	-020	601	-5	-021	+001	+016
[illegible]	" "	21	11.4.	12	240	215	-025	595	-6	-025	+000	+016
[illegible]	" " "	22	11.5	12	215	195	-020	590	-5	-021	+001	+017.
[illegible]	" " "	23	11.5	12	720	700.	-020	584	-6	-025	[illegible]	[illegible]

13:05	Cont. [illegible]	25	11.5	12	675	653	-020	573	-4	-512	-003	+023
13:10	" " "	26	11.5	12	655	635	-020	568.	-5	-021	+00.1	+024
13:15	" " "	27	11.4	12	635	610.	-025	563.	-5	-021	-004	+020
13:20	" " "	28	11.5	12	610	550	-020	561.	~~-4~~	~~-019~~	~~-003~~	+017
13:25	" " "	29	11.5	12	590	570	-020	555	-6	-025	+005	+022
13:30	" " "	30	11.5	12	570	550	-020	548.	-7	-029	+009	+031

+022

~~+031~~

~~+016 GPH (PASS)~~

+022 ÷ 2 = +.011 gph

P-T Tank Test Data Chart
Additional Info

1 - Net Volume Change at Conclusion of Precision Test ____ gph

Signature of Tester __________

Date __________

2. Statement.

[ ] Tank and product handling system has been tested tight according to the Precision Test Criteria as established by N F P A publication 329 This is not intended to indicate permission of a leak.

OR

[ ] Tank and product handling system has failed the tank tightness test according to the Precision Test Criteria as established by N F P.A. publication 329.

It is the responsibility of the owner and/or operator of this system to immediately advise state and local authorities of any implied hazard and the possibility of any reportable pollution to the environment as a result of the indicated failure of this system. Heath Consultants Incorporated does not assume any responsibility or liability for any loss of product to the environment.

Tank Owner/Operator __________

Date __________

...L. COPY

TOWN OF OYSTER BAY.

AUDREY AVENUE, OYSTER BAY, NEW YORK 11771

DEPARTMENT OF BUILDING & ZONING

BUILDING PERMIT

S. D. #21

POST THIS PERMIT CONSPICUOUSLY

TION	BLOCK	LOT	ZONE	APPLICATION NO.	B/A CASE NO.	RECEIPT NO.	DATE ISSUED	PERMIT NO.
6	3	P/O 48	I	2631		D-3462	12-11-73	E 3088

PERMITTEE: Bethpage Aircraft-Federal Credit Union

STREET ADDRESS: 1111 Stewart Avenue.

POST OFFICE: Bethpage, N. Y. TELEPHONE NO.: LE-5-1224

CONTRACTOR: Olsen & Cruse 586-5333 PHONE NO.
120 Brook Ave., Deer Park

ENGINEER: Chester G. Blyman PHONE NO.
24 Floral Ave., Bethpage

HEATING: Same PHONE NO.

SANITARY: Contr. PHONE NO.

PERMISSION GRANTED FOR CONSTRUCTION OF:

FAMILY DWELLING ☐ COMMERCIAL ☒ FACTORY ☐ ☐

107 ft. x 68 ft. One Story Office Building. Type 4 A Construction. C-1 Class. Must install curbs and sidewalks and Drainage as per Nassau County Requirements. Install (11) Plumbing Fixtures and Mechanical Ventilation as per Code. Must comply with use Affidavit Dated Nov.8, 1973 for a Credit Union and Subsidiary of the Grumman Corporation. Must provide Parking for 53 Cars. NOTE: Must check with Building Inspector before work starts. Must give 24 Hr. notice by mail for Inspection. Permit must be posted on Job.

LOCATED ON	SIDE OF	FEET	OF	POST OFFICE	EST. VAL. CONSTRUCTION
	South Stewart Avenue	2415.71 E.	So. Oyster Bay Rd.,	Bethpage	$ 116,500.00

STRUCTURE WTH.	LENGTH	HEIGHT	STORIES	FRONT YARD	REAR YARD	SIDE YARD	SIDE YARD	Front Side Yd.
107	68	22	1	80	245±	20	73±	

S. BLOCK	PRECAST	SEPTIC TANK	DRY WELLS	NO. PLUMB. FIXTURES	NO. BURNERS OIL	GAS	COAL	SEWER CONNECTION NEW	RENEW	SPRINKLER MAIN
	6-Units	900 GAL.		11	1					IN.

OIL TANK INSIDE		OIL TANK OUTSIDE		HOT WATER HEATERS	
GAUGE	GAL.	GAUGE	3,000 GAL.	OIL	GAS

FEE FOR	AMOUNT
CONSTRUCTION	288 00
PLUMBING	22 00
BURNER	5 00
TANK	5 00
SANITARY	40 00
PLUMB. C. A.	6 00
CONST. C. O	118 00
TOTAL FEE	484 00

YOUR LICENSE IS NOT TRANSFERABLE AND IS SUBJECT TO REVOCATION UPON VIOLATION.

ALL ELECTRICAL AND PLUMBING CONTRACTORS MUST BE LICENSED IN THE TOWN OF OYSTER BAY

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS, SEE 4 *

THIS IS A PERMIT FOR CONSTRUCTION, PLUMBING, BURNER, TANK AND SANITARY WORK IF IT IS INDICATED ABOVE AND FEES HAVE BEEN PAID - N.B.: SANITARY PERMIT VALID ONLY IF FILED PLANS ARE APPROVED.

DIRECTOR
DEPARTMENT OF BUILDING AND ZONING

OCCUPANCY OF THIS NEW BUILDING OR ADDITION OR ALTERATION PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY WILL BE CONSIDERED A VIOLATION OF THE TOWN OF OYSTER BAY BUILDING CODE, PLUMBING CODE, AND/OR BUILDING ZONE ORDINANCE.

PROMPT NOTIFICATION BY THE VARIOUS CONTRACTORS FOR INSPECTIONS OF THEIR RESPECTIVE PARTS OF THE WORK WILL AVOID DELAY IN THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

REQUEST FOR INSPECTION MUST BE FILED IN WRITING AT LEAST 48 HOURS PRIOR TO TIME DESIRED, EXCEPT SANITARY INSPECTION WHICH MUST BE FILED IN WRITING AT LEAST 72 HOURS IN ADVANCE.

INSPECTIONS: Normally there are 12 or more required inspections of a new building and as many as apply to alterations and additions.

1. SOIL CONDITIONS - Before foundation footings are poured. Forms in place.
2. FOUNDATION FORMS & KEY - Before walls are poured.
3. CONCRETE WALLS & OTHER CONCRETE - When being poured.
4. FRAMING - Before insulation or lathing. (Foundation location survey)*
5. ROUGH ENCLOSED - Before exterior finish or interior finish is applied.
6. FINAL ON CONSTRUCTION - When ready for certificate of occupancy.
7. PLUMBING - Roughing, when ready for water test.
8. FLANGE INSPECTION - 8A Sewer connection if used.
9. PLUMBING FINAL - When ready for certificate or approval.
10. BURNER - When installed with inside tank in place.
11. TANKS - Outside before being covered.
12. [illegible] (2) Construction (3) Special.

CHANGES REGARDLESS OF SIZE FROM THE STAMPED APPROVED PLANS MUST BE SUBMITTED TO THE DEPARTMENT OF BUILDING AND ZONING AND APPROVED BEFORE THE CHANGES ARE MADE. APPROVED PLANS MUST BE RETAINED ON THE JOB AND AVAILABLE TO INSPECTORS AT ALL TIMES.

ADDITIONAL NOTES:

:DGS:sa

CERTIFICATE OF OCCUPANCY

No. 39701

TOWN OF OYSTER BAY
DEPARTMENT OF PLANNING & DEVELOPMENT
DIVISION OF BUILDING
TOWN HALL, AUDREY AVENUE
OYSTER BAY, N.Y. 11771

ISSUED TO OWNER NAME	Bethpage [illegible] Credit Union	DATE	[illegible]/29/74
STREET ADDRESS	1111 Stewart Avenue	BUILDING PERMIT No.	[illegible]
POST OFFICE		APPLICATION No.	[illegible]
FOR BUILDING LOCATED ON THE TAX		RECEIPT No.	[illegible]
MAP OF THE TOWN OF OYSTER BAY IN		PERMIT DATE	[illegible]
SECTION [illegible] BLOCK [illegible] LOTS 52		APPEAL BOARD No.	12/11/73
		Zone	[illegible]

This CERTIFIES that the Building located at [illegible] 73.71' east Sou-
[Oy]ster Bay Road, [illegible]
was constructed substantially in accordance with the plans filed for the above Building Permit and to all requirements of The Building Zone Ordinance and The Building Code of the Town of Oyster Bay and the occupancy is limited to the following use: Class

One story office buildi[ng] [illegible] subsidiary
[of] Grumman [illegible]

SHOULD THE OCCUPANCY CHANGE FROM THE ABOVE LIMITATION OF USE, APPLICATION MUST BE MADE FOR NEW CERTIFICATE.

PLUMBING APPROVAL No. ____________
UNDERWRITERS CERTIFICATE
N.B.F.U. No. [illegible]

DEPARTMENT OF PLANNING & DEVELOPMENT
DIVISION OF BUILDING

NGINS000120587

BUILDING [illegible]

TOWN OF OYSTER BAY

AUDREY AVENUE, OYSTER BAY, NE[illegible]

DEPARTMENT OF BUILDING & ZONING

BUILDING PERMIT

POST THIS PERMIT CON[illegible]

[illegible]	BLOCK	[illegible]	ZONE	APPLICATION NO.	B/A CASE NO.	RECEIPT NO.	DATE ISSUED	
46	G	[illegible]	[illegible]	2521		B 7036	8/8/74	E 7052

PERMITTEE [illegible]

STREET ADDRESS [illegible]

POST OFFICE [illegible] TELEPHONE NO. [illegible]

CONTRACTOR [illegible]

PLUMBER [illegible] PHONE NO.

HEATING [illegible]

SANITARY [illegible]

PERMISSION GRANTED FOR CONSTRUCTION OF

FAMILY DW[illegible]

[illegible]

[illegible] Signs, totaling [illegible] on sign face.

[illegible] be posted on job. [illegible] 24 hour notice by [illegible] inspection. [illegible] building inspector before work begins.- F.E.H. [illegible]

LOCATED ON	SIDE OF	FEET	OF	POST OFFICE	EST. VAL. CONSTRUCTION
[illegible]	Stewart Ave.	[illegible]25.71' west	So. Oyster Bay Rd.	Bethpage	$

STRUCTURE WTH.	LENGTH	HEIGHT	STORIES	FRONT YARD	REAR YARD	SIDE YARD	SIDE YARD	Front Side Yd.

S. BLOCK	PRECAST	SEPTIC TANK	DRY WELLS	NO. PLUMB. FIXTURES	NO. BURNERS OIL	GAS	COAL	SEWER CONNECTION NEW	RENEW	SPRINKLER MAIN
		GAL.								IN.

OIL TANK INSIDE		OIL TANK OUTSIDE		HOT WATER HEATERS OIL	GAS
GAUGE	GAL.	GAUGE	GAL.		

FEE FOR	AMOUNT
CONSTRUCTION	[illegible]
PLUMBING	
BURNER	
TANK	
SANITARY	
PLUMB. C. A.	
CONST. C. O	
TOTAL FEE	

YOUR LICENSE IS NOT TRANSFERABLE AND IS SUBJECT TO REVOCATION UPON VIOLATION.

ALL ELECTRICAL AND PLUMBING CONTRACTORS MUST BE LICENSED IN THE TOWN OF OYSTER BAY

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS, SEE 4 *

CERTIFICATE OF OCCUPANCY

No. A 11158

TOWN OF OYSTER BAY
DEPARTMENT OF PLANNING & DEVELOPMENT
DIVISION OF BUILDING
TOWN HALL, AUDREY AVENUE
OYSTER BAY, N.Y. 11771

ISSUED TO OWNER
NAME Bethpage Credit Unio
STREET ADDRESS Stewart Ave.
POST OFFICE Bethpage, New Yor
FOR BUILDING LOCATED ON THE TAX MAP OF THE TOWN OF OYSTER BAY IN
SECTION 46 BLOCK LOTS

DATE Jun
BUILDING PERMIT No. 70708
APPLICATION No. 137
RECEIPT No. 5014
PERMIT DATE 6/16/76
APPEAL BOARD No.
Zone

This CERTIFIES that the Building located at South side of Stewart Ave. 2,500' East of South Oyster Bay Rd., Bethpage, New Yor

was constructed substantially in accordance with the plans filed for the above Building Permit and to all requirements of The Building Zone Ordinance and The Building Code of the Town of Oyster Bay and the occupancy is limited to the following use: Class 75' X 44' one story addition type 4-A construction classification I-1 occupancy.

SHOULD THE OCCUPANCY CHANGE FROM THE ABOVE LIMITATION OF USE, APPLICATION MUST BE MADE FOR NEW CERTIFICATE.

PLUMBING APPROVAL No.
UNDERWRITERS CERTIFICATE
N.B.F.U. No. N72841

DEPARTMENT OF PLANNING & DEVELOPMENT
DIVISION OF BUILDING

Electrical Certificate No. N728412
Signed Robert J. Kearney
Address Grumman Corporation Dept-32 Bethpage N.Y. 11714
No Certificate of Occupancy will be issued unless Application is complete
See reverse side

Per

Drainage Approval
Certificate Check Submitted
Health Department Approval
Park Fee Paid
✓ Final Supervision Approval
Board of Appeals Compliance
Assembly License Approval
Board of Health Compliance
✓ Truss Certificate

NGINS000120589

TOWN OF OYSTER BAY 1653 NEW YORK

TOWN OF OYSTER BAY.

DEPARTMENT OF PLANNING & DEVELOPMENT

DIVISION OF BUILDING

BUILDING PERMIT

AUDREY AVENUE, OYSTER BAY, NEW YORK 11771

POST THIS PERMIT CONSPICUOUSLY

S.D.#21

SECTION	BLOCK	LOT	ZONE	APPLICATION NO.	B/A CASE NO.	RECEIPT NO.	DATE ISSUED	PERMIT NO.
46	G	5[illegible]		1072		501[illegible]	6-16-7[illegible]	F

PERMITTEE: Bethpage Credit Union

STREET ADDRESS: Stuart Ave/

POST OFFICE: Bethpage, New York

TELEPHONE NO.

JB/pr

CONTRACTOR: Grumman Facilities, Plant 30 Bethpage, New York — PHONE NO.

PLUMBER — PHONE NO.

HEATING — PHONE NO.

SANITARY — PHONE NO.

PERMISSION GRANTED FOR CONSTRUCTION OF:

FAMILY DWELLING ☐ COMMERCIAL ☐ FACTORY ☐ ☐

Permission granted for the construction of addition 75 X 44 one story type 4A Construction, C1 occupancy. Truss certification required. Affadavit & parking SS. Permit must be posted on job. Must give 24 hour notice by mail for inspection. CAll for inspection between the hours of 9:00A.M. to 10:30 A.M.

LOCATED ON	SIDE OF	FEET	OF	POST OFFICE	EST. VAL. CONSTRUCTION
South	Stewart Ave.	[illegible]50	South Oyster Bay Rd.	Bethpage	$ 145,3[illegible]

STRUCTURE WIDTH	LENGTH	HEIGHT	STORIES	FRONT YARD	REAR YARD	SIDE YARD	SIDE YARD	Front Side Yd.
44'	75'	17'	1	100'	170'	73'	83'	

S. BLOCK	PRECAST	SEPTIC TANK	DRY WELLS	NO. PLUMB. FIXTURES	NO. BURNERS OIL	GAS	COAL	SEWER CONNECTION NEW	RENEW	SPRINKLER MAIN
		GAL.								IN.

OIL TANK INSIDE GAUGE GAL. — OIL TANK OUTSIDE GAUGE GAL. — HOT WATER HEATERS OIL GAS

FEE FOR	AMOUNT
CONSTRUCTION	$305 00
PLUMBING	
BURNER	
TANK	
SANITARY	
PLUMB. C. A.	
CONST. C. O	148 00
TOTAL FEE	$453 00

YOUR LICENSE IS NOT TRANSFERABLE AND IS SUBJECT TO REVOCATION UPON VIOLATION.

ALL ELECTRICAL AND PLUMBING CONTRACTORS MUST BE LICENSED IN THE TOWN OF OYSTER BAY

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS, SEE 4 *

THIS IS A PERMIT FOR CONSTRUCTION, PLUMBING, BURNER, TANK AND SANITARY WORK IF IT IS INDICATED ABOVE AND FEES HAVE BEEN PAID - N.B.: SANITARY PERMIT VALID ONLY IF FILED PLANS ARE APPROVED.

[signature]

SUPERINTENDENT
DIVISION OF BUILDING

OCCUPANCY OF THIS NEW BUILDING OR ADDITION OR ALTERATION PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY WILL BE CONSIDERED A VIOLATION OF THE TOWN OF OYSTER BAY BUILDING CODE, PLUMBING CODE, AND/OR BUILDING ZONE ORDINANCE.

PROMPT NOTIFICATION BY THE VARIOUS CONTRACTORS FOR INSPECTIONS OF THEIR RESPECTIVE PARTS OF THE WORK WILL AVOID DELAY IN THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

REQUEST FOR INSPECTION MUST BE FILED IN WRITING AT LEAST 48 HOURS PRIOR TO TIME DESIRED, EXCEPT SANITARY INSPECTION WHICH MUST BE FILED IN WRITING AT LEAST 72 HOURS IN ADVANCE.

INSPECTIONS: Normally there are 12 or more required inspections of a new building and as many as apply to alterations and additions.

1. SOIL CONDITIONS - Before foundation footings are poured. Forms in place.
2. FOUNDATION FORMS & KEY - Before walls are poured.
3. CONCRETE WALLS & OTHER CONCRETE - When being poured.
4. FRAMING - Before insulation or lathing; foundation location survey
5. ROUGH ENCLOSED - Before exterior finish or interior finish is applied.
6. FINAL ON CONSTRUCTION - When ready for certificate of occupancy.
7. PLUMBING - Roughing, when ready for water test.
8. FLANGE INSPECTION - 8A Sewer connection if used.
9. PLUMBING FINAL - When ready for certificate of approval.
10. BURNER - When installed with inside tank in place
    TANKS - Outside before being cover
11. SANITARY (1) Excavation (2) [illegible] spec[illegible]

CHANGES REGARDLESS OF SIZE FROM THE STAMPED APPROVED PLANS MUST BE SUBMITTED TO THE DEPARTMENT OF BUILDING AND ZONING AND APPROVED BEFORE THE CHANGES ARE MADE. APPROVED PLANS MUST BE RETAINED ON THE JOB AND AVAILABLE TO INSPECTORS AT ALL TIMES.

ADDITIONAL NOTES

NGINS000120590

1072

BUILDING INSPECTOR'S COPY

AUDREY AVENUE, OYSTER BAY, NEW YORK 11771

TOWN OF OYSTER BAY,
DEPARTMENT OF PLANNING & DEVELOPMENT
DIVISION OF BUILDING
BUILDING PERMIT

POST THIS PERMIT CONSPICUOUSLY

Bethpage

S.D.#21

BLOCK	LOT	ZONE	APPLICATION NO.	B/A CASE NO.	RECEIPT NO.	DATE ISSUED	PERMIT NO.
G	52	H	1072		5014	6-16-76	F 07086

PERMITTEE: Bethpage Credit Union

STREET ADDRESS: Stuart Ave/

POST OFFICE: Bethpage, New York

TELEPHONE NO.:

CONTRACTOR: Grumman Facilities — PHONE NO.:
Plant 30 Bethpage, New York

PLUMBER: — PHONE NO.:

HEATING: — PHONE NO.:

SANITARY: — PHONE NO.:

JB/pw

PERMISSION GRANTED FOR CONSTRUCTION OF:

FAMILY DWELLING ☐ COMMERCIAL ☐ FACTORY ☐ ☐

Permission granted for the construction of addition 75 X 44 one story type 4A Construction, C occupancy. Truss certification required. Affidavit & parking 70. Permit must be posted on job. Must give 24 hour notice by mail for inspection. Call for inspection between the hours of 9:00A.M. to 10:30 A.M.

LOCATED ON	SIDE OF	FEET	OF	POST OFFICE	EST. VAL. CONSTRUCTION
South	Stuart Ave.	2,500 E	South Oyster Bay rd.	Bethpage	$ 145,300

STRUCTURE WIDTH	LENGTH	HEIGHT	STORIES	FRONT YARD	REAR YARD	SIDE YARD	SIDE YARD	Front
44'	75'	17'	1	100'	170'	73'	83'	

S. BLOCK	PRECAST	SEPTIC TANK	DRY WELLS	NO. PLUMB. FIXTURES	NO. BURNERS OIL	GAS	COAL	SEWER CONNECTION NEW	RENEW	SPRINKLER MAIN
		GAL.								IN.

OIL TANK INSIDE		OIL TANK OUTSIDE		HOT WATER HEATERS OIL	GAS
GAUGE	GAL.	GAUGE	GAL.		

FEE FOR	AMOUNT
CONSTRUCTION	$305 00
PLUMBING	
BURNER	
TANK	
SANITARY	
PLUMB. C. A.	
CONST. C. O	148 00
TOTAL FEE	

YOUR LICENSE IS NOT TRANSFERABLE AND IS SUBJECT TO REVOCATION UPON VIOLATION.

ALL ELECTRICAL AND PLUMBING CONTRACTORS MUST BE LICENSED IN THE TOWN OF OYSTER BAY

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS, SEE 4 *

✓ ___ ...ue S
___ Permit(s Date(s
✓ ___ Underwriters Certificate 1721412
___ Plumbing ...
✓ ___ Sewer ...
___ Final Survey
___ Lumber Affidavit
___ Highway Division Approval
___ Public Lighting Approval
___ Engineering Drainage Approval
___ Certified ...
___ Health Department Approval
___ Park Fee ...
___ Final Supervision Affidavit ... Kenney 2/11/...
___ Board of ...
___ Assemb...
___ ...
___ ...
___ ...rus...

TOWN OF OYSTER BAY
DEPARTMENT OF PLANNING & DEVELOPMENT
DIVISION OF BUILDING
BUILDING PERMIT

AUDREY AVENUE, OYSTER BAY, NEW YORK 11771

POST THIS PERMIT CONSPICUOUSLY

SECTION	BLOCK	LOT	ZONE	APPLICATION NO.	B/A CASE NO.	RECEIPT NO.	DATE ISSUED	PERMIT NO.
				[illegible]		[illegible]	[illegible]/80	H [illegible]

[illegible]/ez	PERMITTEE [illegible]	CONTRACTOR [illegible] PHONE NO [illegible] Rte. 109, [illegible] Babylon, N.Y.
	STREET ADDRESS [illegible] Ave.	PLUMBER PHONE NO
	POST OFFICE [illegible], N.Y. [illegible] TELEPHONE NO. [illegible]	HEATING PHONE NO
	PERMISSION GRANTED FOR CONSTRUCTION OF: FAMILY DWELLING ☐ COMMERCIAL ☐ FACTORY ☐ ☐	SANITARY PHONE NO

[illegible]ne story masonry addition [illegible]'x12' for [illegible] room with canopy [illegible]'x120' over
[illegible]ning. Provide off-street parking for [illegible] cars. Must comply with the affidavit dated 12/8/7[illegible]
[illegible]rmit must be posted on job
[illegible]ust give [illegible] hours notice by mail for inspection

LOCATED ON	SIDE OF	FEET	OF	POST OFFICE	EST. VAL. CONSTRUCTION
[illegible]	Stewart Ave.	[illegible]00'	[illegible] Oyster Bay Rd.	[illegible]thpage	$ 50,000.00

STRUCTURE WTH.	LENGTH	HEIGHT	STORIES	FRONT YARD	REAR YARD	SIDE YARD	SIDE YARD	Front Side Yd.

S. BLOCK	PRECAST	SEPTIC TANK	DRY WELLS	NO. PLUMB. FIXTURES	NO. BURNERS OIL	GAS	COAL	SEWER CONNECTION NEW	RENEW	SPRINKLER MAIN
		GAL.								IN.

OIL TANK INSIDE		OIL TANK OUTSIDE		HOT WATER HEATERS OIL	GAS
GAUGE	GAL.	GAUGE	GAL.		

FEE FOR	AMOUNT
CONSTRUCTION	17[illegible] 00
PLUMBING	
BURNER	
TANK	
SANITARY	
PLUMB. C. A.	
CONST. C. O	[illegible] 00
TOTAL FEE	[illegible]30 00

YOUR LICENSE IS NOT TRANSFERABLE AND IS SUBJECT TO REVOCATION UPON VIOLATION.

ALL ELECTRICAL AND PLUMBING CONTRACTORS MUST BE LICENSED IN THE TOWN OF OYSTER BAY

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS, SEE 4 *

THIS IS A PERMIT FOR CONSTRUCTION, PLUMBING, BURNER, TANK AND SANITARY WORK IF IT IS INDICATED ABOVE AND FEES HAVE BEEN PAID - N.B.: SANITARY PERMIT VALID ONLY IF FILED PLANS ARE APPROVED.

Emil G. Stein
SUPERINTENDENT
DIVISION OF BUILDING

OCCUPANCY OF THIS NEW BUILDING OR ADDITION OR ALTERATION PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY WILL BE CONSIDERED A VIOLATION OF THE TOWN OF OYSTER BAY BUILDING CODE, PLUMBING CODE, AND/OR BUILDING ZONE ORDINANCE.

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REQUEST FOR INSPECTION MUST BE FILED IN WRITING AT LEAST 48 HOURS PRIOR TO TIME DESIRED, EXCEPT SANITARY INSPECTION WHICH MUST BE FILED IN WRITING AT LEAST 72 HOURS IN ADVANCE.

[illegible]ECTIONS: Normally there are 12 or more required inspections new building and as many as apply to alterations and additions.

[illegible] CONDITIONS - Before foundation footings are poured. Forms in place.
[illegible]NDATION FORMS & KEY - Before walls are poured.
[illegible]CRETE WALLS & OTHER CONCRETE - When being poured.
[illegible]MING - Before insulation or lathing. (Foundation location survey)*
[illegible]GH ENCLOSED - Before exterior finish or interior finish is applied.
[illegible]L ON CONSTRUCTION - When ready for certificate of occupancy.
[illegible]BING - Roughing, when ready for water test.
[illegible]GE INSPECTION - 8A Sewer connection if used.
[illegible]BING FINAL - When ready for certificate of approval.
[illegible]ER - When installed with inside tank in place.
[illegible]S - Outside before being covered.
[illegible]TARY (1) Excavation (2) Construction (3) Special.

CHANGES REGARDLESS OF SIZE FROM THE STAMPED APPROVED PLANS MUST BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND DEVELOPMENT AND APPROVED BEFORE THE CHANGES ARE MADE. APPROVED PLANS MUST BE RETAINED ON THE JOB AND AVAILABLE TO INSPECTORS AT ALL TIMES.

ADDITIONAL NOTES:

BUILDING 30

Building 30

Tanks in service at this location

Tank No.	Location/Use	Contents	Gallons Buried	Gallons Above	Date Installed
30-01-1	Boiler	No. 6 Fuel Oil	15000	--	12-31-64
30-01-2	Boiler	No. 6 Fuel Oil	15000	--	12-31-64
30-01-3	Generator	Diesel	550	--	12-31-64

Tyree Brothers Environmental Services, Inc. 516-249-3150

Members Tyree Environmental Technologies 208 Route 109, Farmingdale, NY 11735 • Fax 516-249-3281 FAX 516-249-3281

Tyree Brothers Environmental Services, Inc.

208 Route 109 • Farmingdale, N.Y. 11735

PAGE: 1

• EMERGENCY SPILL RESPONSE • SOLID WASTE TRANSPORTATION • PETRO-TITE TESTING
• RECOVERY OPERATIONS • SITE ASSESSMENTS • DRILLING & WELL INSTALLATION
• LIQUID WASTE TRANSPORTATION

GRUMMAN AEROSPACE
P.O. BOX 54
HICKSVILLE, NY 11801-0000

ATTN: INVOICE AUDIT

CO/JOB/CUST: 002 923006 32600

NO. 816672
DATE 7/31/92

WORKSITE ADDRESS
GRUMMAN PLANT 30
BUILDING #30 - GENERATOR
BETHPAGE, NY

DESCRIPTION	AMOUNT

CONTRACT #99-91255

GRUMMAN PLANT #30
BLDG # 30

TANK #30-01-3

7/24/92
PERFORMED PETRO TITE TANK TEST ON ONE 550 GALLON DIESEL TANK.
TANK PASSED.

PERFORMED LINE TEST ON ONE LINE.
LINE PASSED.

	DESCRIPTION	QUANTITY	U/M	UNIT PR.	TOTAL
1	AGREED PRICE: (UNDER CONTRACT #99-91255)	1.00		1200.00	1,200.00

OK TO PAY J Agiesto 8/19/92

APPROVED FOR PAYMENT
[signature] 8/24/92
FACILITIES PROCUREMENT DATE
[signature] 8/26/92
FACILITIES ENGINEERING DATE

OK TO PAY

ENCLOSED RESULTS

SUB TOTAL 1,200.00
TAX 8.500% 102.00
NET DUE $1,302.00

TERMS DUE ON RECEIPT

Tyree Environmental Technologies

NGINS000120595

Tyree Brothers Environmental Services, Inc.
208 Route 109. Farmingdale. NY 11735 · Fax: 516-249-3281 · Phone: 516-249-3150

August 6, 1992

NASSAU COUNTY FIRE MARSHAL
899 JERUSALEM AVENUE
UNIONDALE, NY 11553

Gentleman:

Enclosed please find a copy of the Tank-Titeness Report for:

GRUMMAN PLANT #30
BLDG # 30
BETHPAGE, NY

CONFIRMATION	NCFM-90206916
TESTING TECN.	ARMAND KULPA
LICENSE #	295
DATE OF TEST	7-24-92
FACILITY ID #	
DISTRICT	
LOT #	
BLOCK #	
SECTION #	
SPILL #	

**cc: NYSDEC

Sincerely,

Regina Bendetti

Regina Bendetti
Petro-tite Coordinator

Member
Tyree Environmental Technologies

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☒

Grumman Aerospace Corp.

Name | Address | Representative | Telephone

Name | Address | Representative | Telephone

2. OPERATOR

Grumman Plant 30 Bldg 30 Bethpage NY

Name | Address

3. REASON FOR TEST (Explain Fully)

Part of Contract

4. WHO REQUESTED TEST AND WHEN

Name: Part of Contract | Title | Company or Affiliation | Date

Address | Telephone

5. TANK INVOLVED

Use additional lines for manifolded tanks

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
Tank 3001-3	550	—	Diesel	—	Steel

6. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphons	Pumps
BACK	grass	4"	2"	—	—
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Drill tube, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make of

7. UNDERGROUND WATER

Depth to the Water table: Below

Is the water over the tank? ☐ Yes ☒ No

8. FILL-UP ARRANGEMENTS

Tanks to be filled 8:00 for 7-30-92 Date. Arranged by: Tyree Bros. (Name) (Telephone)

Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.

Terminal or other contact for access or inquiry: Company | Name | Telephone

9. CONTRACTOR, MECHANICS, any other contractor involved

TYREE BROS.
ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109
FARMINGDALE, N.Y. 11735
(516) 249-3150

10. OTHER INFORMATION OR REMARKS

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.

11. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Leakage Indicated	Date Tested
Tank 3001-3	yes	+.012 GPH	7-24-92
Line Test	yes	-.002, -.003	7-24-92

12. SENSOR CERTIFICATION

7-24-92
Date

Serial No. of Thermal Sensor

13. This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria established by National Fire Protection Association Pamphlet 329.

Technicians: Armand Kulpa

Certification # 295

Certification #

TYREE BROS. Regina Bordette
Testing Contractor or Company. By: Signature
ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109
FARMINGDALE, N.Y. 11735
(516) 249-3150
Address

NGINS000120597

DATA CHART
For Use With

1 LOCATION: Plant #30 (Street No. and/or Corner) Bettger (City) WV (State) (Telephone No.)

2 OWNER: (Name) (Address) Grumman (Representative) (Position) (Telephone No.)

3 OPERATOR: (Name) (Owner, Mgr. or Other) (Address (If different than Location)) (Telephone No.)

4 REASON FOR TEST

5 TEST REQUESTED BY: (Name) (Position) (Order No.) (Billing Address)

6 SPECIAL INSTRUCTIONS:

7 CONTRACTOR OR COMPANY MAKING TEST MECHANIC(S) NAME

8 IS A TANK TEST TO BE MADE WITH THIS LINE TEST? ☐ YES ☐ NO

9 MAKE AND TYPE OF PUMP OR DISPENSERS

10 WEATHER TEMPERATURE IN TANKS °F °C COVER OVER LINES (Concrete, Blacktop, etc.) APPROXIMATE BURIAL DEPTH

OWNER: Name
LOCATION: Street
City
State
DATE OF TEST: Day Mo Year

11 IDENTIFY EACH LINE AS TESTED	12 TIME (MILITARY)	13 LOG OF TEST PROCEDURES, AMBIENT TEMPERATURE, WEATHER, ETC.	14 PRESSURE psi OR kPa BEFORE	14 PRESSURE psi OR kPa AFTER	15 VOLUME READING BEFORE	15 VOLUME READING AFTER	15 NET CHANGE	16 TEST RESULTS CONCLUSIONS, REPAIRS AND COMMENTS
Pump	830	Start Test	—	15	—	—	—	
	845	Check "	14	15	070	069	-001	
	900	" "	14	15	069	068	-001	-.026 gph (Pass)
	915	" "	15	15	066	066	none	
	930	" "	15	15	065	061	+004	
		End Run			065	070	+005	Ty
Sump	830	Start Test	—	15	—	—	—	
	845	Check "	14	15	065	064	-001	
	900	" "	14	15	067	066	-001	.003 gph (Pass)
	915	" "	14	15	066	063	-003	
	930	" "	15	15	063	063	none	
		End Run			070	068	-002	Ty

Data Chart for Tank System Tightness Test

PLEASE PRINT

1 OWNER

2 OPERATOR

3 REASON FOR TEST

4 WHO REQUESTED TEST AND WHEN

5 TANK INVOLVED

6 INSTALLATION DATA

7 UNDERGROUND WATER

8 FILL-UP ARRANGEMENTS

9 CONTRACTOR, MECHANICS,

10 OTHER INFORMATION OR REMARKS

11 TEST RESULTS

12 SENSOR CERTIFICATION

---

14 Grumman — Plant #30 — Bethpage — NY — 7-24-95

Name of Supplier, Owner or Dealer — Address, No. and Street — City — State — Date of Test

15 TANK TO TEST

Bar-Cay Bu... — Identity by position

Diesel — Brand and Grade

15a BRIEF DIAGRAM OF TANK FIELD

Car / grass

16 CAPACITY

Nominal Capacity 550 Gallons

By most accurate capacity chart available 550 Gallons

[ ] ... [✓] Tank Manufacturer's Chart [ ] Company Engineering Data [ ] Charts supplied with [ ] Other

17 FILL-UP FOR TEST

Stick water bottom before fill up — / — / 48

Inventory 48 — 550

Topping 20

... 0

550

18 SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK

135

4.18

3.627

40

48

—

NOTES: no water table

19 TANK MEASUREMENTS FOR TSTT ASSEMBLY

88

30

20 EXTENSION HOSE SETTING

40

—

22 Thermal Sensor reading after circulation

44

23 Digits per °F in range of expected change

COEFFICIENT OF EXPANSION (Complete after circulation)

24a

21 VAPOR RECOVERY SYSTEM [ ] [ ]

24b COEFFICIENT OF EXPANSION RECIPROCAL METHOD

Type of Product: Diesel

Hydrometer Employed: 3

Temperature in Tank after Circulation: 76

Temperature of Sample: 78

Difference: 42

Observed A.P.I. Gravity: 35.4

21 59 — 85

570 — 2105 — 0.26401116

24c FOR TESTING WITH WATER

Added Surfactant? [ ] Yes [ ] No Transfer COE to Line 25b

25. (a) Total quantity in full tank — (b) Coefficient of expansion for involved product — (c) Volume change in this tank per °F — gallons

(a) 0.26401116 — 1000 — 0.000264... — (.0003)

NGINS000120599

28 Date / Time (24 hr)	27 Sensor Calibration ____ / ____ — Log of Test Procedures (Record details of setting up and running test. Also full length of line if needed.)	29 Reading No.	30 Hydrostatic Pressure — Standpipe Level in inches: Beginning of Reading	Level at which Recorded	31 Volume Measurements — 32 Product in Graduate: Before Reading	After Reading	33 Product Replaced (+) Product Recovered (−)	34 Temperature Compensation — 35 Thermal Sensor Reading	36 Change Higher + Lower −	37 Computation (+) Expansion (−) Contraction	38 Net Volume Change Each Reading (Temperature Adjustment)	39 Accumulated Change (In gal/hour, change per hour)
	[illegible]		Blue [illegible]							(003)		
	Tool API [illegible]											
	"							76130	–	–	–	
	"	–	–	–	–	–	–					
[illegible]	Start High Level			42	780	750	-030	286	+156	+047.	-077	
1000	[illegible]	1		42	710.	755	+001	445	+159	+048.	-049.	
1015	"	2		42	755	780	+005	605	+160	+018	-043	
1030	"	3		42	780	781	+005	762	+157	+041	-042	
1041	"	4		42.	–	–	–	–	–	–	–	
—	Drop To [illegible]	–		–	–	–		922.	+160	–	–	
1100	Start	5		12				77081	+159	+048	-008	
1105	[illegible]	6		12	300	340	+040	135	+54.	+016	+004	
1115	"	1		12	340	360	+020	185	+50	+015	+000	+004
1120	"	2		12	360	375	+015	240	+55	+017.	+003	+007.
1125	"	3		12	375	395	+020	292	+52	+016.	+004	+011
1130	"	4		12	395	415	+020	347	+52	+012	-002	+009.
1135	"	5		12	415	480	+015	405	+58	+017	+003	+014
1140	"	6		12	480	450	+020	463	+58	+017	+003	+017
1145	"	7		12	480	470	+020	518	+55	+017	-002	+013
1150	"	8		12	470	485	+015	578	+60	+018	+002	+013
1155	"	9		12	485	505	+020	637	+59.	+018.	+002	+012
1200	"	10		12	505	525	+020	698	+61	+018	-003	+014
1205	"	11		12	525	540	+015	758	+60	+018.	-003	+011
1210	"	12		12	540	555	+015	816	+58	+017.	+003	+014
1215	"	13		12	555	575	+020	877.	+61	+018	+002	+016.
1220	"	14		12	575	595	+020	932	+55	+017.	-002	+014
1225	"	15		12	595	610.	+015	986	+54	+016.	-001	+013
1230	"	16		12	610.	625	+015	78044	+55	+017	+003	+016
1235	"	17		12	625	645	+020					
1240	"											
	"	18		12	645	665	+020	102	+58	+017.	+003	+015.
1245	"	19		12	340.	360	+020	156	+54	+016	+004	+022
1250	"	20		12	360.	375	+015	212	+56	+017	-002	+021
1255	"	21		12	375	350	+015	271	+59	+018	-003	+018
1300	"	22		12	350.	405	+015	325	+54	+016	-001	+017.
1305	"	23		12	405	425	+020	381	+54	+017	+003	+020
1310	"	24		12	425	445	+020	440	+52	+012.	+003	+02[illegible]
13.15	"											

+012 / 1.2 / +012 [illegible]

P-T Tank Test Data Chart
Additional Info

1. Net Volume Change at Conclusion of Precision Test +012

Signature of Tester [illegible] 7-24-92

2. Statement

1. ✓ Tank and product handling system has been tested tight according to the Precision Test Criteria as established by N F P A publication 329. This is not intended to indicate permission of a leak.

OR

1. Tank and product handling system has failed the tank tightness test according to the Precision Test Criteria as established by N F P A publication 329.

It is the responsibility of the owner and/or operator of the system to immediately advise state and local authorities of the implied hazard and the possibility of any reportable pollution of the environment as a result of the indicated failure of the system. Heath Consultants Incorporated does not assume responsibility or liability for any loss of product or damage to the environment.

Tank Owner/Operator ____________

Date ____________

OWNER'S COPY

TOWN OF OYSTER BAY,

AUDREY AVENUE, OYSTER BAY, NEW YORK 11771

DEPARTMENT OF ENGINEERING & BUILDING

BUILDING PERMIT

POST THIS PERMIT CONSPICUOUSLY

[illegible]	BLOCK	LOT	ZONE	APPLICATION NO.	B/A CASE NO.	RECEIPT NO.	DATE ISSUED	PERMIT NO.
6	J	270 hh	[illegible]	[illegible]		[illegible]	[illegible]	C 872

CHECK SHEET

PERMITTEE [illegible]

CONTRACTOR [illegible] 860 PHONE NO.

STREET ADDRESS

PLUMBER PHONE NO.

PHONE NO.

PROPER PORTS.

PERMISSION GRANTED FOR CONSTRUCTION OF:

FAMILY DWELLING ☐ COMMERCIAL ☐ FACTORY ☐

[illegible]

CHECKED BY

APPROVED

[illegible] 3200 [illegible] South Oyster Bay [illegible]

[illegible]	REMARKS	HEIGHT	STORIES	FRONT YARD	REAR YARD	SIDE YARD	SIDE YARD	[illegible]	AMOUNT

BLOCK	PRECAST SEPTIC TANK	GAL.	DRY WELLS	NO. PLUMB. FIXTURES	NO. [illegible]	[illegible]	SEWER CONNECTION	[illegible]	[illegible]
					2				[illegible]

TANK INSIDE	GAUGE	OIL TANK OUTSIDE	GAL.	GAUGE	HOT WATER HEATERS OIL	GAS	[illegible]
			(7	(2) [illegible]			

CHECKED BY

YOUR LICENSE [illegible]

FOUNDATION SURVEY [illegible] APPROVED BEFORE WALLS [illegible] STARTED. SEE [illegible]

THIS IS A PERMIT FOR CONSTRUCTION, PLUMBING, BURNER TANK AND SANITARY WORK IF IT IS INDICATED ABOVE AND FEES HAVE BEEN PAID - N.B.: SANITARY PERMIT VALID ONLY IF FILED [illegible]

Edward J. Gaynor

DIRECTOR

DEPARTMENT OF [illegible]

OCCUPANCY OF THIS NEW BUILDING OR ADDITION OR ALTERATION PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY WILL BE CONSIDERED A VIOLATION OF THE TOWN OF OYSTER BAY BUILDING CODE, PLUMBING CODE, AND/OR BUILDING ZONE ORDINANCE.

BOARD OF APPEALS EXPIRES

PROMPT NOTIFICATION BY THE VARIOUS CONTRACTORS FOR INSPECTIONS OF THEIR RESPECTIVE PARTS OF THE WORK WILL AVOID DELAY IN THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

REMARKS

REQUEST FOR INSPECTION MUST BE FILED IN WRITING AT LEAST 48 HOURS PRIOR TO TIME DESIRED, EXCEPT SANITARY INSPECTION WHICH MUST BE FILED IN WRITING AT LEAST 72 HOURS IN ADVANCE.

INSPECTIONS: Normally there are 12 or more required inspections for a new building and as many as apply to alterations and additions.

SOIL CONDITIONS - Before foundation footings are poured. Forms [illegible]
FOUNDATION FORMS & KEY - Before walls are poured.
CONCRETE WALLS & OTHER CONCRETE - When being poured.
FRAMING - Before insulation or lathing. (Foundation location survey)
ROUGH ENCLOSED - Before exterior finish or interior finish is applied.
FINAL ON CONSTRUCTION - When ready for certificate of occupancy.
PLUMBING - Roughing, when ready for water test.
FLANGE INSPECTION - 8A Sewer connection if used.
PLUMBING FINAL - When ready for certificate of approval.
BURNER - When installed with inside tank in place.
TANKS - Outside before being covered.
SANITARY (1) Excavation (2) Construction (3) Special.

CHANGES REGARDLESS OF SIZE FROM THE STAMPED APPROVED PLANS MUST BE SUBMITTED TO THE DEPARTMENT OF ENGINEERING AND BUILDING AND APPROVED BEFORE THE CHANGES ARE MADE. APPROVED PLANS MUST BE RETAINED ON THE JOB AND AVAILABLE TO INSPECTORS AT ALL TIMES.

ADDITIONAL NOTES:

[illegible] COPPER PIPE [illegible] HUMAN EXCREMENT IS TRANSPORTED.

NGINS000120601

OWNER'S COPY

BUILDING PERMIT

BUILDING DEPARTMENT – TOWN OF OYSTER BAY – OYSTER BAY, L.I., NEW YORK
AUDREY AVENUE – EDWARD J. GAYNOR, MANAGER – TEL. WA 2-5800

APPLICATION	BD/APPEALS	DATE ISSUED	SECTION	BLOCK	LOTS	ZONE	
4949/77		4-1-65	46	0	30	H	B 07672

PERMITTEE OWNER/LESSEE—CONTRACTOR ETC.	STREET ADDRESS	POST OFFICE	PHONE
OWNER	Grumman Aircraft Engineering Corporation	Bethpage, N.Y.	LE-5-0574
CONTRACTOR	The Austin Co., Inc. 600 Fifth Avenue,	New York 20, N. Y.	PL-7-0370
PLUMBER			
BURNER			
SANITARY			

PERMISSION GRANTED FOR THE CONSTRUCTION OF ... FAMILY RESIDENCE ☐ COMMERICAL ☒ FACTORY ☐

390' x 270 Engineering Bldg. (Plant 35) 2 Stories- Separate Permits to be obtained by Sub Contractors prior to Commencing Work. Former Building Permit # B-07465. Basically Type 2 Class C-2 - T/O/B Code.

Value of Construction $ LE-5-0574

Main Size ... Gas ... Sewer Connection ... PL-7-0370

LOCATED ON West SIDE OF Stewart Avenue, 3200 FEET South OF So. Oyster Bay Rd. Bethpage, N. Y.

STRUCTURE OVERALL WIDTH 390 FEET. DEPTH 270 FEET.	EST. VALUE CONSTRUCTION	RECEIPT NO. B-8730
HEIGHT FEET. NO. OF STORIES 2	$ 2,106,000.00	FEES FOR / AMT OF FEE
FRONT YARD FEET. REAR YARD FEET. SIDE YARD	REAR/SIDE YARD FEET.	CONSTRUCTION 2,164
FRONT SIDE YARD FEET.		PLUMBING
SANITARY-BLOCK ☐ PRECAST ☐ NO. UNITS S.F. EA. UNIT		BURNER PL-7-0370
SEPTIC TANK CAP. GALS. DRYWELLS NO. UNITS		TANK
WATER SERVICE RENEWAL ☐ SIZE INCHES. SEWER CONNECTION NEW ☐ RENEWAL ☐		SANITARY
PLUMBING NO. FIXTURE SPRINKLER FIRE PROTECTION ☐ SIZE OF MAIN INCHES.		PLUMB. C.A.
BURNER ☐ OIL ☐ GAS ☐ COAL ☐ NUMBER OF UNITS DOMESTIC HW. HEATER ☐ OIL ☐ GAS ☐		CONST. C.O. 2,055
OIL TANK OUTSIDE ☐ GAL. GAUGE INSIDE GAL. GAUGE.		TOTAL FEES 4,219

ADDITIONAL NOTES:

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS. SEE 4 *

THIS IS A PERMIT FOR CONSTRUCTION, PLUMBING, BURNER, TANK, AND SANITARY WORK IF IT IS INDICATED ABOVE AND FEES HAVE BEEN PAID—N.B.: SANITARY PERMIT VALID ONLY IF FILED PLANS ARE APPROVED.

EDWARD J. GAYNOR, MANAGER
BUILDING DEPARTMENT

OCCUPANCY OF THIS NEW BUILDING OR ADDITION OR ALTERATION PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY WILL BE CONSIDERED A VIOLATION OF THE TOWN OF OYSTER BAY BUILDING CODE, PLUMBING CODE, AND/OR BUILDING ZONE ORDINANCE.

PROMPT NOTIFICATION BY THE VARIOUS CONTRACTORS FOR INSPECTIONS OF THEIR RESPECTIVE PARTS OF THE WORK WILL AVOID DELAY IN THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

CHANGES REGARDLESS OF SIZE FROM THE STAMPED APPROVED PLANS MUST BE SUBMITTED TO THE BUILDING DEPARTMENT AND APPROVED BEFORE THE CHANGES ARE MADE. APPROVED PLANS MUST BE RETAINED ON THE JOB AND AVAILABLE TO INSPECTORS AT ALL TIMES.

REQUESTS FOR INSPECTION MUST BE FILED IN WRITING AT LEAST 48 HOURS PRIOR TO TIME DESIRED EXCEPT SANITARY INSPECTIONS MUST BE FILED IN WRITING AT LEAST 72 HOURS IN ADVANCE.

FOUNDATION LOCATION SURVEY TO BE APPROVED

INSPECTIONS: Normally there are 12 or more required inspections of a new building and as many as apply to alterations and additions.

1. SOIL CONDITIONS - Before foundation footings are poured. Forms in place.
2. FOUNDATION FORMS & KEY - Before walls are poured.
3. CONCRETE WALLS & OTHER CONCRETE - When being poured.
4. FRAMING - Before insulation or lathing. (Foundation location survey) *
5. ROUGH ENCLOSED - Before exterior finish or interior finish is applied.
6. FINAL ON CONSTRUCTION - When ready for certificate of occupancy.
7. PLUMBING - Roughing, when ready for water test.
8. FLANGE INSPECTION - 8A Sewer connection if used.
9. PLUMBING FINAL - When ready for certificate or approval.
10. BURNER - When installed with inside tank in place.
11. TANKS - Outside before being ...

NGINS000120602

APP. [illegible] 5075
4/1/65
rec. 8730

bb

CERTIFICATE OF OCCUPANCY No. 24469

TOWN OF OYSTER BAY BUILDING DEPARTMENT
OYSTER BAY, NASSAU COUNTY, N. Y.

ISSUED TO OWNER NAME: Grumman Aircraft Eng. Corp.
STREET ADDRESS: Bethpage, New York
POST OFFICE
FOR BUILDING LOCATED ON THE TAX MAP OF THE TOWN OF OYSTER BAY IN SECTION 46 BLOCK 6 LOTS 30

DATE January 3, 1964
BUILDING PERMIT No. 807672
CESSPOOL PERMIT No.
PLUMBING PERMIT No.
OIL BURNER PERMIT No.
APPEAL BOARD No.
SCHOOL DIST. Zone M

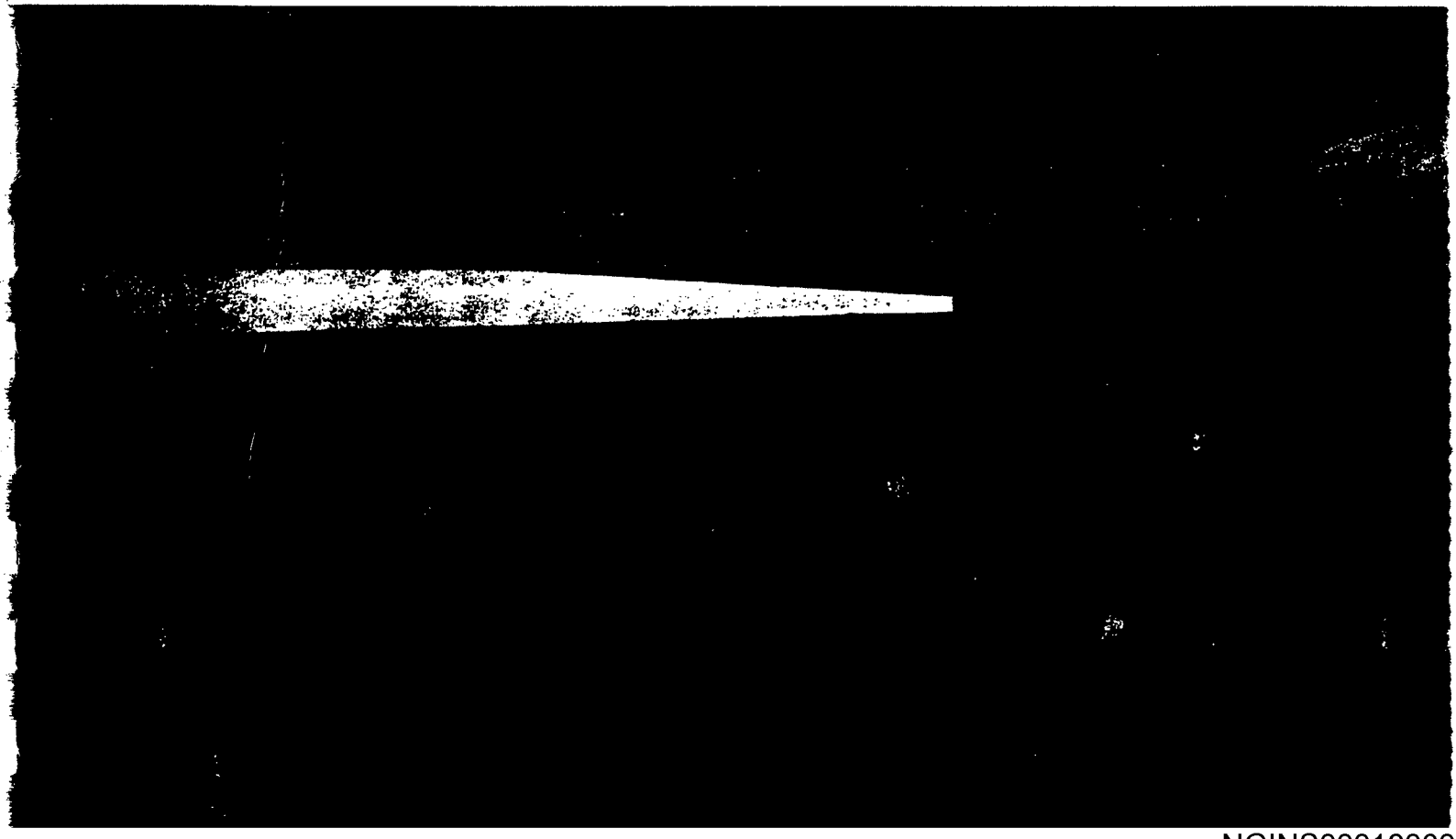
This CERTIFIES that the Building located at w/o Stewart Ave. 3200' s/o South Oyster Bay Road, Bethpage, New York

was constructed substantially in accordance with the plans filed for the above Building Permit and to all requirements of The Building Zone Ordinance and The Building Code of the Town of Oyster Bay and the occupancy is limited to the following use: CLASS Type 2 Class C
350' x 270' Engineering Building

SHOULD THE OCCUPANCY CHANGE FROM THE ABOVE LIMITATION OF USE, APPLICATION MUST BE MADE FOR NEW CERTIFICATE.

TOWN OF OYSTER BAY BUILDING DEPARTMENT

UNDERWRITERS CERTIFICATE
N.B.F.U. No. [illegible]



BUILDING 35

Building 35

Tanks in service at this location

Tank No.	Location/Use	Contents	Gallons Buried	Gallons Above	Date Installed
35-01-1	Boiler	No. 6 Fuel Oil	15000	--	12-31-66
35-01-2	Boiler	No. 6 Fuel Oil	15000	--	12-31-66
35-01-3	Generator	Diesel	550	--	12-31-66

Tyree Brothers Environmental Services, Inc.
208 Route 109. Farmingdale. NY 11735 · Fax: 516-249-3281 · Phone: 516-249-3150

July 14, 1992

NASSAU COUNTY FIRE MARSHAL
899 JERUSALEM AVENUE
UNIONDALE, NY 11553

Gentleman:

Enclosed please find a copy of the Tank Tightness Report for:

GRUMMAN PLANT 35
BLDG 35 (GENERATOR)
BETHPAGE, NY

CONFIRMATION #	NCFM- 0919095
TESTING TECN.	ARMAND KULPA
LICENSE #	295
DATE OF TEST	7-8-92
FACILITY ID #	
DISTRICT	
LOT #	
BLOCK #	
SECTION #	
SPILL #	

**cc: NYSDEC

Sincerely,

Regina Bendetti

Regina Bendetti
Petro-tite Coordinator

Member
Tyree Environmental Technologies

Members
Tyree
Environmental
Technologies

INVOICE

516-249-3150
FAX 516-249-328[illegible]

Tyree Brothers Environmental Services, Inc.

PAGE 1

208 Route 109 • Farmingdale, N.Y. 11735

JUL 27 8 08 PM '92

[EM]ERGENCY SPILL RESPONSE • SOLID WASTE TRANSPORTATION • PETRO-TITE TESTING
[OIL] RECOVERY OPERATIONS • SITE ASSESSMENTS • DRILLING & WELL INSTALLATION
• LIQUID WASTE TRANSPORTATION

GRUMMAN AEROSPACE
P.O. BOX 54
HICKSVILLE NY 11801-0000

ATTN: INVOICE AUDIT

CO/JOB/CUST: 002 923006 32600

NO. 816304
DATE 7/14/92
WORKSITE ADDRESS

GRUMMAN PLANT 35
BUILDING 35
BETHPAGE, NY

DESCRIPTION	AMOUNT
TANK #35-01-3 CONTRACT #99-91255 7/8/92 PERFORMED PETRO TITE TANK TEST ON ONE 550 GALLON DIESEL TANK. TANK PASSED. TESTED ONE LINE. LINE PASSED.	

ITEM DESCRIPTION	QUANTITY	U/M	UNIT PR.	TOTAL
AGREED PRICE:	1.00		1200.00	1,200.00

ENCLOSED RESULTS

OK TO PAY [signature] 7/28/92

[signature] 7/28/92

[signature] 7/29/92

Scott Engman 7/29/92

OK TO PAY

SUB TOTAL		1,200.00
TAX	8.500%	102.00
NET DUE		$1,302.00

TERMS NET DUE 30 DAYS

NGINS000120607

LEASE PRINT

1. OWNER Property ☐ Tenant ☒	Name: Grumman Aerospace Corp. Address: Representative:
	Name: Address: Representative:
2. OPERATOR	Grumman Plant 35 BLDG 35 Bethpage, NY Address:
3. REASON FOR TEST (Explain fully)	Part of Contract
4. WHO REQUESTED TEST AND WHEN	Name: Part of Contract Title: Address: Company or affiliation:

5. TANK INVOLVED (Use additional lines for involved tanks)

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age
Tank 3501	3,550	—	Diesel	—

6. INSTALLATION DATA

Location	Cover	Fill	Vents	Siphons
—	grass	4"	2"	—
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Drop tube, Offset	Size, Manifolded	Which tanks?

7. UNDERGROUND WATER Depth to the water table: Below. Is fill pipe... ☐ Yes ☒ No

8. FILL-UP ARRANGEMENTS Tanks to be filled 8:00 7-8-92 Date. Arranged by Tyree Bros. Name

Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry: ______ Company ______ Name

9. CONTRACTOR MECHANICS (any other contractor involved)

TYREE BROS.
ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109
FARMINGDALE, N.Y. 11735
(516) 249-3150

10. OTHER INFORMATION OR REMARKS

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Vessels or conditions present.

11. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Leakage Indicated	Date Tested
Tank 35-01-3	yes	+.010 GPH	7-8-[illegible]
Line Test	yes	+.003, -.006 GPH	7-8-[illegible]

12. SENSOR CERTIFICATION

7-8-92
Date

Serial No. of Thermal Sensor

13. This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria of National Fire Protection Association Pamphlet 329.

Technician: Armand Kulpa
Certification # 295

2. ______
Certification # ______

Testing Contractor or Company Rep. Signature: [signature]
TYREE BROS. ENVIRONMENTAL SERVICES, INC.
208 ROUTE 109
FARMINGDALE, N.Y. 11735
(516) 249-3150
Address

NGINS000120608

For Use With

petro tite

1 LOCATION: Plant 35 (Street No. and/or Corner) Bethpage (City) NY (State) ______ (Telephone No.)

2 OWNER: ______ (Name) Grumman (Address) ______ (Representative) ______ (Position) ______ (Telephone No.)

3 OPERATOR: ______ (Name) (Same) (Dealer/Agent Or Other) ______ (Address (If different than Location)) ______ (Telephone No.)

4 REASON FOR TEST ______

5 TEST REQUESTED BY: ______ (Name) ______ (Position) ______ (Order No.) ______ (Billing Address)

6 SPECIAL INSTRUCTIONS: ______

7 CONTRACTOR OR COMPANY MAKING TEST MECHANIC(S) NAME ______

8 IS A TANK TEST TO BE MADE WITH THIS LINE TEST? ☐ YES ☐ NO

9 MAKE AND TYPE OF PUMP OR DISPENSERS ______

10 WEATHER ______ TEMPERATURE IN TANKS ____ °F ____ °C COVER OVER LINES ______ (Concrete, Black Top, etc.) APPROXIMATE BURIAL DEPTH ______

OWNER: Name / LOCATION: State / City / State / DATE OF TEST: Year / Mo / Day

11 IDENTIFY EACH LINE AS TESTED	12 TIME (MILITARY)	13 LOG OF TEST PROCEDURES AMBIENT TEMPERATURE, WEATHER, ETC.	14 PRESSURE psi OR kPa BEFORE	14 PRESSURE psi OR kPa AFTER	15 VOLUME READING BEFORE	15 VOLUME READING AFTER	15 VOLUME NET CHANGE	16 TEST RESULTS CONCLUSIONS, REPAIRS AND COMMENTS
[illegible]	800	Start Test	—	15	—	—	—	
	815	Out "	14	15	064	067	-001	
	830	"	14	15	066	065	-001	-.0036 GPH (PASS)
	845	"	14	15	064	063	-001	
	900	"	15	15	062	062	+000	
		Bleed Back			062	069	+007	OK
[illegible]	800	Start Test	—	15	—	—	—	
	815	Out "	14	11	067	066	-001	-.0026 GPH (PASS)
	830	"	14	15	065	064	-001	
	846	"	15	15	062	062	+000	
	900	"	15	15	062	062	+000	
		Bleed Back			069	074	+005	OK

28 Date / Time (24 hr)	Log of Test Procedures: Record details of setting up and running test (Use full length of line if needed)	29 Reading No.	30 Hydrostatic Pressure: Standpipe Level in Inches, Beginning of Reading	Level to which Returned	31 Volume Measurements: 32 Product in Graduate, Before Reading	After Reading	33 Product Replaced (+) or Recovered (−)	34 Temperature Compensation: 35 Thermal Sensor Reading	36 Change Higher (+) Lower (−)	37 Computation Expansion (+) Contraction (−)	38 Net Volume Change: Temperature Adjustment	39 Accumulated Change
	Dumping ? Blank ? B ? (0003)											
	took API Single											
	' '											
1000	Start ?	—	—	—	—	—	—	7035	—	—	—	
1015	Close ? '	1		42	360	370	+010	200	+165	+050	−040	
1030	' ' '	2		42	370	390	+020	360	+160	+048	−028	
1045	' ' '	3		42	390	410	+020	523	+163	+049	−029	
1100	' ' '	4		42	410	430	+020	687	+164	+049	−029	
	Drop to ?	—	—	—	—	—	—	—		—	—	
1115	Start " '	5		12	—	—	—	847	+160		—	
1130	Cont " '	6		12	460	490	+030	7007	+165	+050	−020	
1135	' ' '	1		12	490	505	+015	172	+50	+015	+000	
1140	' ' '	2		12	505	515	+010	227	+53	+017	−007	−007
1145	' ' '	3		12	515	530	+015	279	+52	+016	−001	−008
1150	' ' '	4		12	530	545	+015	333	+54	+016	−001	−009
1155	' ' '	5		12	545	565	+020	383	+50	+015	+005	−004
1200	' ' '	6		12	565	580	+015	435	+52	+016	−001	−005
1205	' ' '	7		12	580	595	+015	490	+55	+017	−002	−007
1210	' ' '	8		12	595	610	+015	539	+49	+015	+000	−007
1215	' ' '	9		12	610	630	+020	589	+50	+015	+005	−002
1220	' ' '	10		12	630	645	+015	638	+49	+015	+000	−002
1225	' ' '	11		12	255	270	+015	688	+50	+015	+000	−002
1230	' ' '	12		12	270	290	+020	738	+50	+015	+005	+003
1235	' ' '	13		12	290	310	+020	793	+55	+017	+003	+006
1240	' ' '	14		12	310	325	+015	845	+52	+016	−001	+005
1245	' ' '	15		12	325	345	+020	900	+55	+017	+003	+008
1250	' ' '	16		12	345	360	+015	952	+52	+016	−001	+007
1255	' ' '	17		12	360	375	+015	74003	+51	+015	+000	+007
1300	' ' '	18		12	375	395	+020	058	+54	+016	+004	+011
1305	' ' '	19		12	395	410	+015	108	+50	+015	+000	+011
1310	' ' '	20		12	410	425	+015	157	+49	+015	+000	+011
1315	' ' '	21		12	425	445	+020	208	+51	+015	+000	+016
1320	' ' '	22		12	445	460	+015	258	+50	+015	+000	+016
1325	' ' '	23		12	460	475	+015	310	+52	+016	−001	+015
1330	' ' '	24		12	475	495	+020	364	+54	+016	+004	+019

Sensor Calibration ______ / ______

+015
+010

P-T Tank Test Data Chart
Additional Info

1 - Net Volume Change at Conclusion of Precision Test: +010

Signature of Tester: [signature]

Date: 7-7-92

2 Statement

X Tank and product handling system has been tested tight according to the Precision Test Criteria as established by N F P A publication 329. This is not intended to indicate permission of a leak.

OR

Tank and product handling system has failed the tank tightness test according to the Precision Test Criteria as established by N F P A publication 329.

It is the responsibility of the owner and/or operator of this system to immediately advise state and local authorities of any implied hazard and the possibility of any reportable activities to the environment as a result of the indicated failure of this system. Heath Consultants Incorporated does not assume any responsibility or liability for any loss of product to the environment.

Tank Owner/Operator ____________

Date ____________

INSPECTOR COPY

BUILDING PERMIT

BUILDING DEPARTMENT — TOWN OF OYSTER BAY — OYSTER BAY, L.I., NEW YORK
AUDREY AVENUE — EDWARD J. GAYNOR, MANAGER — TEL. WA 2-5800

APPLICATION	BD/APPEALS	DATE ISSUED	SECTION	BLOCK	LOTS	ZONE	
1256		12-5-63	46	G	7/0 44	H	02794

PERMITTEE OWNER/LESSEE—CONTRACTOR ETC. | STREET ADDRESS | POST OFFICE | PHONE

OWNER/L. [redacted]

CONTRACTOR

PLUMBER

BURNER [redacted]

SANITARY

PERMISSION GRANTED FOR THE CONSTRUCTION OF 1 FAMILY RESIDENCE ☐ COMMERICAL ☒ FACTORY ☐

[redacted]

LOCATED AT [redacted] SIDE OF [redacted] FEET [redacted] OF [redacted]

STRUCTURE OVERALL WIDTH FEET. DEPTH FEET. EST. VALUE CONSTRUCTION $ | RECEIPT NO.

HEIGHT FEET. NO. OF STORIES

FRONT YARD FEET. REAR YARD FEET. SIDE YARD FEET. SIDE YARD FEET.

FRONT SIDE YARD FEET.

SANITARY-BLOCK ☐ PRECAST ☐ NO. UNITS ____ S.F. EA. UNIT

SEPTIC TANK CAP. GALS. DRYWELLS NO. UNITS

WATER SERVICE RENEWAL ☐ SIZE INCHES. SEWER CONNECTION — NEW ☐ RENEWAL ☐

PLUMBING NO. FIXTURE None SPRINKLER FIRE PROTECTION: ☐ SIZE OF MAIN INCHES.

BURNER ☐ OIL ☐ GAS ☐ COAL ☐ NUMBER OF UNITS ____ DOMESTIC HW. HEATER ☐ OIL ☐ GAS ☐

OIL TANK OUTSIDE ☐ GAL. ____ GAUGE INSIDE GAL. (2)15,000 GAUGE.

FEES FOR	AM'T OF FEE
CONSTRUCTION	
PLUMBING	
BURNER	
TANK	36.00
SANITARY	
PLUMB. C.A.	
CONST. C.O.	
TOTAL FEES	36.00

ADDITIONAL NOTES: THIS PERMIT ISSUED SUBJECT TO BUILDING ZONE ORDINANCE OF THE TOWN OF OYSTER BAY. (SCREENING)

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS. SEE 4*

NGINS000120616

Ap. 02214
Rec. 24436
5/27/63

bb

CERTIFICATE OF OCCUPANCY No.

TOWN OF OYSTER BAY BUILDING DEPARTMENT
OYSTER BAY, NASSAU COUNTY, N. Y.

ISSUED TO OWNER Grumman Aircraft Engineering Corp. DATE April 1, 1964
NAME Bethpage, New York BUILDING PERMIT No. B00819
STREET ADDRESS CESSPOOL PERMIT No.
POST OFFICE PLUMBING PERMIT No.
FOR BUILDING LOCATED ON THE TAX OIL BURNER PERMIT No.
MAP OF THE TOWN OF OYSTER BAY IN APPEAL BOARD No.
SECTION 46 BLOCK G LOTS 24 SCHOOL DIST. Zone H

This CERTIFIES that the Building located at w/o Stewart Ave. 1117' n/o North Sycamore Avenue, Bethpage, New York

was constructed substantially in accordance with the plans filed for the above Building Permit and to all requirements of The Building Zone Ordinance and The Building Code of the Town of Oyster Bay and the occupancy is limited to the following use: CLASS Type C-3 occupancy

Smoking permitted.

SHOULD THE OCCUPANCY CHANGE FROM THE ABOVE LIMITATION OF USE, APPLICATION MUST BE MADE FOR NEW CERTIFICATE.

TOWN OF OYSTER BAY BUILDING DEPARTMENT

UNDERWRITERS CERTIFICATE
N.B.F.U. No..................................

for Type C-3 occupancy, expire [illegible] [illegible] [illegible] and [illegible] of partitioning [illegible] conforming to C 31.3-7. C.3.3. smoking permitted.

NGINS000120617

~~No. 24436~~
6-27-63

CERTIFICATE OF OCCUPANCY

TOWN OF OYSTER BAY BUILDING DEPARTMENT
OYSTER BAY, NASSAU COUNTY, N. Y.

ISSUED TO OWNER NAME: Grumman Aircraft Engineering Corp.
STREET ADDRESS: Bethpage, New York
POST OFFICE:
FOR BUILDING LOCATED ON THE TAX MAP OF THE TOWN OF OYSTER BAY IN SECTION 46 BLOCK C LOTS 24

DATE: 3-2-64
BUILDING PERMIT No.: B-00819
CESSPOOL PERMIT No.:
PLUMBING PERMIT No.:
OIL BURNER PERMIT No.:
APPEAL BOARD No.:
SCHOOL DIST.:
Zone H

This CERTIFIES that the Building located at **West of Stewart Avenue 1117' North of North Sycamore Avenue, Bethpage, N.Y.**

was constructed substantially in accordance with the plans filed for the above Building Permit and to all requirements of The Building Zone Ordinance and The Building Code of the Town of Oyster Bay and the occupancy is limited to the following use: CLASS **Conditional occupancy for type C-3 occupancy, expires March 26, 1964 pending final inspection and filing of partitioning plan conforming to c 212-7 - C 3.3 Smoking permitted.**

SHOULD THE OCCUPANCY CHANGE FROM THE ABOVE LIMITATION OF USE, APPLICATION MUST BE MADE FOR NEW CERTIFICATE.

UNDERWRITERS CERTIFICATE
N.B.F.U. No.....

TOWN OF OYSTER BAY BUILDING DEPARTMENT

for type C-3 occupancy, expir[illegible]

CERTIFICATE OF OCCUPANCY No.

TOWN OF OYSTER BAY BUILDING DEPARTMENT
OYSTER BAY, NASSAU COUNTY, N. Y.

ISSUED TO OWNER
NAME Grumman Aircraft Engineering Corp.
STREET ADDRESS Bethpage, New York
POST OFFICE
FOR BUILDING LOCATED ON THE TAX MAP OF THE TOWN OF OYSTER BAY IN
SECTION 46 BLOCK 3 LOTS 24

DATE 1-10-64
BUILDING PERMIT No. B 00819
CESSPOOL PERMIT No.
PLUMBING PERMIT No.
OIL BURNER PERMIT No.
APPEAL BOARD No.
SCHOOL DIST. Zone H

This CERTIFIES that the Building located at West of Stewart Avenue 1117' North of North Sycamore Avenue, Bethpage, N.Y.
was constructed substantially in accordance with the plans filed for the above Building Permit and to all requirements of The Building Zone Ordinance and The Building Code of the Town of Oyster Bay and the occupancy is limited to the following use: CLASS Conditional occupancy for type C-3 occupancy, expires February 18, 1964 pending final inspection and filing of partitioning plan conforming to c 212-7 - C 3.3 Smoking permitted.

SHOULD THE OCCUPANCY CHANGE FROM THE ABOVE LIMITATION OF USE, APPLICATION MUST BE MADE FOR NEW CERTIFICATE.

TOWN OF OYSTER BAY BUILDING DEPARTMENT

UNDERWRITERS CERTIFICATE
N.B.F.U. No.....

BUILDING PERMIT

BUILDING DEPARTMENT – TOWN OF OYSTER BAY – OYSTER BAY, L. I., NEW YORK
AUDREY AVENUE – EDWARD J. GAYNOR, MANAGER – TEL. WA 2-5800

APPLICATION	BD/APPEALS	DATE ISSUED	SECTION	BLOCK	LOTS	ZONE
2135		6/27/62	46	G	24	H B

SM/EC

PERMITTEE OWNER/LESSEE—CONTRACTOR ETC.	STREET ADDRESS	POST OFFICE	PHONE
OWNER/L.	Grumman Aircraft Engineering Corp.	Bethpage	LI 5-0574
CONTRACTOR	The Austin Co. 6000 Fifth Ave. New York 20, N.Y.		PL 7-0370
PLUMBER			
BURNER			
SANITARY			

PERMISSION GRANTED FOR THE CONSTRUCTION OF FAMILY RESIDENCE ☐ COMMERICAL ☐ FACTORY ☐ ☐

24h x 394 two story Industrial Bldg. type 2A const. C-3 classification
Plumbing, testing, Sanitary to be applied for separately Must provide parking
for 469 cars, pave 156,646

THIS PERMIT ISSUED SUBJECT TO COMPLIANCE WITH ARTICLE 10, SECTION H-12 OF THE BUILDING ZONE ORDINANCE OF THE TOWN OF OYSTER BAY. (SCREENING).

LOCATED AT West SIDE OF Stewart Ave. 1117 FEET North OF North Sycamore Ave. Beth.

STRUCTURE OVERALL WIDTH 390 FEET. DEPTH 240 FEET. EST. VALUE CONSTRUCTION $ 1,123,200.00 RECEIPT NO. 2111

HEIGHT 32 FEET. NO. OF STORIES

FRONT YARD 66 FEET. REAR YARD FEET. SIDE YARD 100 FEET. SIDE YARD FEET.

INT SIDE YARD FEET.

SANITARY-BLOCK ☐ PRECAST ☐ NO. UNITS S.F. EA. UNIT

SEPTIC TANK CAP. GALS. DRYWELLS NO. UNITS

WATER SERVICE RENEWAL ☐ SIZE INCHES. SEWER CONNECTION – NEW ☐ RENEWAL ☐

PLUMBING NO. FIXTURE SPRINKLER FIRE PROTECTION ☐ SIZE OF MAIN INCHES.

BURNER ☐ OIL ☐ GAS ☐ COAL ☐ NUMBER OF UNITS DOMESTIC HW. HEATER ☐ OIL ☐ GAS ☐

TANK OUTSIDE ☐ GAL. GAUGE INSIDE GAL. GAUGE.

FEES FOR	AM'T OF FEE
CONSTRUCTION	1690. 65
PLUMBING	
BURNER	
TANK	
SANITARY	
PLUMB. C.A.	
CONST. C.O.	50. 00
TOTAL FEES	225. 00

ADDITIONAL NOTES:

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS. SEE A

THIS IS A PERMIT FOR CONSTRUCTION, PLUMBING, BURNER, TANK, SANITARY WORK IF IT IS INDICATED ABOVE AND FEES HAVE BEEN PAID—N.B.: SANITARY PERMIT VALID ONLY IF FILED PLANS ARE APPROVED.

EDWARD J. GAYNOR, MANAGER
BUILDING DEPARTMENT

OCCUPANCY OF THIS NEW BUILDING OR ADDITION OR ALTERATION PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY WILL BE CONSIDERED A VIOLATION OF THE TOWN OF OYSTER BAY BUILDING CODE, PLUMBING CODE, AND/OR BUILDING ZONE ORDINANCE

PROMPT NOTIFICATION BY THE VARIOUS CONTRACTORS FOR INSPECTIONS OF THEIR RESPECTIVE PARTS OF THE WORK WILL AVOID DELAY IN THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

CHANGES REGARDLESS OF SIZE FROM APPROVED STAMPED APPROVED PLANS MUST BE SUBMITTED TO THE BUILDING DEPARTMENT AND APPROVED BEFORE CHANGES ARE MADE. APPROVED PLANS MUST BE POSTED ON THE JOB AND AVAILABLE TO INSPECTOR AT ALL TIMES.

INSPECTIONS: Normally there are 12 or more required inspections of a new building and as many as apply to alterations and additions

SOIL CONDITION - before foundation footings are poured. FORMS & REINFORCING - before walls are poured. CONCRETE WALLS & OTHER CONCRETE - before floors are poured. FRAMING - prior to insulation or lath. PLUMBING - before exterior

NGINS000120620

BUILDING PERMIT

BUILDING DEPARTMENT – TOWN OF OYSTER BAY – OYSTER BAY, L. I., NEW YORK
AUDREY AVENUE – EDWARD J. GAYNOR, MANAGER – TEL. WA 2-5800

VB-Es

APPLICATION	BD/APPEALS	DATE ISSUED	SECTION	BLOCK	LOTS	ZONE	
84		1-17-64	46	G	1	H	B 3067

PERMITTEE OWNER/LESSEE—CONTRACTOR ETC.	STREET ADDRESS	POST OFFICE	PHONE
OWNER/L. Grumman Aircraft Eng. Corp.		Bethpage	
CONTRACTOR			
PLUMBER William Doremus	17 East Marie St.	Hicksvillle	
BURNER			
SANITARY			

PERMISSION GRANTED FOR THE CONSTRUCTION OF FAMILY RESIDENCE ☐ COMMERICAL ☐ FACTORY ☐ ☐

214 plumbing fixtures and 5 gas burners

Bethpage

LOCATED AT West SIDE OF Stewart Ave. 1117 FEET North OF Sycomore Ave.

STRUCTURE OVERALL WIDTH FEET DEPTH FEET | EST. VALUE CONSTRUCTION $ | RECEIPT NO 23

HEIGHT FEET. NO. OF STORIES

FRONT YARD FEET. REAR YARD FEET. SIDE YARD FEET. SIDE YARD FEET.

FRONT SIDE YARD FEET.

SANITARY-BLOCK ☐ PRECAST ☐ NO. UNITS ____ S.F. EA. UNIT

SEPTIC TANK CAP. GALS. DRYWELLS NO. UNITS

WATER SERVICE RENEWAL ☐ SIZE INCHES. SEWER CONNECTION – NEW ☐ RENEWAL ☐

PLUMBING NO. FIXTURE 214 SPRINKLER FIRE PROTECTION ☐ SIZE OF MAIN INCHES.

BURNER ☒ OIL ☐ GAS 5 COAL ☐ NUMBER OF UNITS ____ DOMESTIC HW. HEATER ☐ OIL ☐ GAS ☐

OIL TANK OUTSIDE ☐ GAL. GAUGE INSIDE GAL. GAUGE.

FEES FOR	AM'T OF FEE
CONSTRUCTION	214 00
PLUMBING	25 00
BURNER	
TANK	
SANITARY	
PLUMB. C.A.	43 00
CONST. C.O.	
TOTAL FEES	2[illegible] 00

ADDITIONAL NOTES:

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS. SEE 4 ☞

THIS IS A PERMIT FOR CONSTRUCTION, PLUMBING, BURNER, TANK AND SANITARY WORK IF IT IS INDICATED ABOVE AND FEES HAVE BEEN PAID—N.B.: SANITARY PERMIT VALID ONLY IF FILED PLANS ARE APPROVED.

Edward J. Gaynor
EDWARD J. GAYNOR, MANAGER
BUILDING DEPARTMENT

OCCUPANCY OF THIS NEW BUILDING OR ADDITION OR ALTERATION PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY WILL BE CONSIDERED A VIOLATION OF THE TOWN OF OYSTER BAY BUILDING CODE, PLUMBING CODE, AND/OR BUILDING ZONE ORDINANCE.

PROMPT NOTIFICATION BY THE VARIOUS CONTRACTORS FOR INSPECTIONS OF THEIR RESPECTIVE PARTS OF THE WORK WILL AVOID DELAY IN THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

CHANGES REGARDLESS OF SIZE FROM THE STAMPED APPROVED PLANS MUST BE SUBMITTED TO THE BUILDING DEPARTMENT [illegible] APPROVED BEFORE [illegible] CHANGES ARE MADE. [illegible] PLANS MUST BE RETAINED ON THE JOB AND AVAILABLE TO INSPECTOR [illegible]

INSPECTIONS- Normally there are 12 or more required inspections of a new building and as many as apply to alterations and additions

[illegible] CONDITIONS - before foundation footings are poured [illegible] forms [illegible]
FOUNDATION FORMS [illegible] - before walls are poured
[illegible] OTHER CONCRETE [illegible]

NGINS000120621

BUILDING PERMIT

BUILDING DEPARTMENT – TOWN OF OYSTER BAY – OYSTER BAY, L. I., NEW YORK
AUDREY AVENUE – EDWARD J. GAYNOR, MANAGER – TEL. WA 2-5800

lp/mr

APPLICATION	BD/APPEALS	DATE ISSUED	SECTION	BLOCK	LOTS	ZONE	
424		12-5-63	4	C	P/O 2	F	B 02794

PERMITTEE OWNER/LESSEE—CONTRACTOR ETC. STREET ADDRESS POST OFFICE PHONE

OWNER/L. Grumman Aircraft Engineering Corp. Bethpage

CONTRACTOR

PLUMBER

BURNER Rowland Tompkins & Son, Inc. 50 Broadway Hawthorne No. 9-300

SANITARY

PERMISSION GRANTED FOR THE CONSTRUCTION OF 1 FAMILY RESIDENCE ☐ COMMERICAL ☒ FACTORY ☐

Installation of two 15,000 gal Oil Tanks below grade.

LOCATED AT West SIDE OF Stewart Ave. 1117 FEET North OF Bethpage Sycamore Av.

STRUCTURE OVERALL WIDTH FEET DEPTH FEET | EST. VALUE CONSTRUCTION $ | RECEIPT NO.

HEIGHT FEET. NO. OF STORIES

FRONT YARD FEET. REAR YARD FEET. SIDE YARD FEET. SIDE YARD FEET.

FRONT SIDE YARD FEET.

SANITARY-BLOCK ☐ PRECAST ☐ NO. UNITS ______ S.F. EA. UNIT

SEPTIC TANK CAP. GALS. DRYWELLS NO. UNITS

WATER SERVICE RENEWAL ☐ SIZE INCHES. SEWER CONNECTION – NEW ☐ RENEWAL ☐

PLUMBING NO. FIXTURE None SPRINKLER FIRE PROTECTION ☐ SIZE OF MAIN INCHES.

BURNER ☐ OIL ☐ GAS ☐ COAL ☐ NUMBER OF UNITS ______ DOMESTIC HW HEATER ☐ OIL ☐ GAS ☐

OIL TANK OUTSIDE ☐ GAL GAUGE INSIDE GAL. (2)15,000 GAUGE.

FEES FOR	AMT OF FEE
CONSTRUCTION	
PLUMBING	
BURNER	
TANK	30.00
SANITARY	
PLUMB. C.O.	
CONST. C.O.	
TOTAL FEES	30.00

ADDITIONAL NOTES: [illegible]

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS. SEE [illegible]

THIS IS A PERMIT FOR CONSTRUCTION, PLUMBING, BURNER, TANK AND SANITARY WORK IF IT IS INDICATED ABOVE AND FEES HAVE BEEN PAID—N.B.: SANITARY PERMIT VALID ONLY IF FILED PLANS ARE APPROVED

Edward J. Gaynor

EDWARD J. GAYNOR, MANAGER
BUILDING DEPARTMENT

OCCUPANCY OF THIS NEW BUILDING OR ADDITION OR ALTERATION PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY WILL BE CONSIDERED A VIOLATION OF THE TOWN OF OYSTER BAY BUILDING CODE, PLUMBING CODE, AND/OR BUILDING ZONE ORDINANCE.

PROMPT NOTIFICATION BY THE VARIOUS CONTRACTORS FOR INSPECTIONS OF THEIR RESPECTIVE PARTS OF THE WORK WILL AVOID DELAY IN THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

CHANGES REGARDLESS [illegible] FROM THE STAMPED APPROVED PLANS MUST [illegible] THE BUILDING DEPARTMENT AND APPROVED BEFORE [illegible] CHANGES ARE MADE [illegible] MUST [illegible]

INSPECTIONS: Normally there are 12 or more required inspections on a new building and as many as apply to alterations and additions

1. SOIL CONDITION – before foundation footings are poured [illegible]
2. FOUNDATION FORMS – before walls are poured [illegible]

[illegible]

OWNER'S COPY

BUILDING PERMIT

BUILDING DEPARTMENT – TOWN OF OYSTER BAY – OYSTER BAY, L. I., NEW YORK
AUDREY AVENUE – EDWARD J. GAYNOR, MANAGER – TEL. WA 2-5800

98/a1

PLICATION	BD/APPEALS	DATE ISSUED	SECTION	BLOCK	LOTS	ZONE	
185		9-16-63	46	G	24	H	B 1803

PERMITTEE OWNER/LESSEE—CONTRACTOR ETC.	STREET ADDRESS	POST OFFICE	PHONE
ER/L. Grumman Aviation Corp.,	Stewart Ave.,	Bethpage	
TRACTOR The Austin Co.,	450 N. First Ave.,	Roselle,	New Jersey
Elevator: Burlington Elevators, Inc.,	246 Fulton Street,	N.Y.C.	
NER			
TARY			

PERMISSION GRANTED FOR THE CONSTRUCTION OF FAMILY RESIDENCE ☐ COMMERICAL ☐ FACTORY ☒ ☐

ne Rotary Oildraulic Freight Elevator

Bethpage, N.Y.

ATED AT west SIDE OF Stewart Ave. 1117 FEET north OF Sycamore Ave.

UCTURE OVERALL WIDTH	FEET.	DEPTH	FEET.			EST. VALUE CONSTRUCTION	RECEIPT NO.	B 470	
IGHT	FEET.	NO. OF STORIES				$ 20,000	FEES FOR	AM'T OF FEE	
NT YARD	FEET.	REAR YARD	FEET.	SIDE YARD	FEET.	SIDE YARD	FEET.	CONSTRUCTION	35.00
NT SIDE YARD	FEET.							PLUMBING	
NITARY-BLOCK ☐	PRECAST ☐	NO. UNITS		S.F. EA. UNIT				BURNER	
IC TANK CAP.	GALS.	DRYWELLS NO.		UNITS				TANK	
ER SERVICE RENEWAL ☐	SIZE	INCHES.	SEWER CONNECTION – NEW ☐		RENEWAL ☐			SANITARY	
UMBING NO. FIXTURE		SPRINKLER FIRE PROTECTION ☐	SIZE OF MAIN		INCHES.			PLUMB. C.A.	
NER ☐ OIL ☐	GAS ☐	COAL ☐	NUMBER OF UNITS		DOMESTIC HW. HEATER ☐	OIL ☐	GAS ☐	CONST. C.O.	
TANK OUTSIDE ☐	GAL	GAUGE	INSIDE	GAL.	GAUGE.			TOTAL FEES	36.00

DITIONAL NOTES:

FOUNDATION SURVEY MUST BE APPROVED BEFORE WALLS, STEEL OR FRAMING STARTS. SEE 4 *

IS IS A PERMIT FOR CONSTRUCTION, PLUMBING, BURNER, TANK
ND SANITARY WORK IF IT IS INDICATED ABOVE AND FEES HAVE
E PAID—N.B.: SANITARY PERMIT VALID ONLY IF FILED PLANS ARE
PROVED.

Edward J. Gaynor

EDWARD J. GAYNOR, MANAGER
BUILDING DEPARTMENT

OCCUPANCY OF THIS NEW BUILDING OR ADDITION OR ALTERATION PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY WILL BE CONSIDERED A VIOLATION OF THE TOWN OF OYSTER BAY BUILDING CODE, PLUMBING CODE, AND/OR BUILDING ZONE ORDINANCE.

PROMPT NOTIFICATION BY THE VARIOUS CONTRACTORS FOR INSPECTIONS OF THEIR RESPECTIVE PARTS OF THE WORK WILL AVOID DELAY IN THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

CHANGES REGARDLESS OF SIZE FROM THE STAMPED APPROVED PLANS MUST BE SUBMITTED TO THE BUILDING DEPARTMENT AND APPROVED BEFORE THE CHANGES ARE MADE. APPROVED PLANS MUST BE RETAINED ON THE JOB AT ALL TIMES.

INSPECTIONS: Normally there are 12 or more required inspections on a new building and as many as apply to alterations and additions.

SOIL CONDITIONS - before foundation footings are poured, forms in place.
FOUNDATION FORMS & KEY - before walls are poured.