

TAB 1



DRAFT

**PHASE I & II ENVIRONMENTAL SITE
ASSESSMENT
ROBIN RUG PROPERTY
125 THAMES STREET
PROVIDENCE, RHODE ISLAND**

PREPARED FOR:

Adler, Pollock & Sheehan
Providence, Rhode Island

ON BEHALF OF:

Robin Rug, Inc.
Bristol, Rhode Island

PREPARED BY:

GZA GeoEnvironmental, Inc.
Providence, Rhode Island

July 2005
File No. 32938.01

July 26, 2005
File No. 32938.01

Attorney Kristen W. Sherman
Adler, Pollock & Sheehan
One Citizens Plaza, 8th Floor
Providence, Rhode Island 02903-1345

Re: Phase I & II Environmental Site Assessment
Robin Rug Property
125 Thames Street
Bristol, Rhode Island

Dear Attorney Sherman:

In accordance with our proposal for services dated March 31, 2005, GZA GeoEnvironmental, Inc. (GZA) is pleased to provide the attached *Phase I & II Environmental Site Assessment* report. The site assessment was completed in general accordance with the guidelines described in ASTM Standard Practice (E1527) for Site Assessments.

The report is based on our review of available historical and environmental records, visual observations of the subject and adjoining properties, and personal interviews with available persons having knowledge of the property. Section 9.00 of the report, our Findings and Conclusions, is considered an Executive Summary, and should be reviewed in conjunction with the entire report.

We trust that this report satisfies your present needs. If you need any additional information, please feel free to contact Mark Burbelo at 421-4140, x 3131 or via e-mail at mburbelo@gza.com.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Mark J. Burbelo
Senior Project Manager

Igor Runge, Ph.D., P.H.
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1.00 INTRODUCTION

1.10 PROJECT AUTHORIZATION

This report presents the results of a combined Phase I/II Environmental Site Assessment conducted by GZA GeoEnvironmental, Inc. (GZA) for Adler, Pollock & Sheehan (Client) at property identified as Robin Rug, 125 Thames Street and other parcels located on Thames, John, Church and Hope Street in Bristol, Rhode Island (the Site). Authorization to proceed on this project was granted in accordance with GZA's signed proposal dated March 31, 2005.

1.20 PROJECT OBJECTIVES

The objective of this Environmental Site Assessment was to render an opinion as to whether surficial or historical evidence indicates the presence of recognized environmental conditions which could result in the presence of hazardous materials or oil in the soil or groundwater, as defined in the American Society for Testing and Materials (ASTM) Standard Practice E1527 for Phase I Environmental Site Assessments.

According to ASTM Method E1527, the term recognized environmental conditions means:

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

The objective of GZA's Subsurface Phase II Investigation was to compile Site characterization information and render an opinion as to the presence of oil and hazardous materials in soil and groundwater at the Site.

1.30 SCOPE OF SERVICES

GZA's Phase I assessment of the Site was completed in general accordance with ASTM Method E1527 and our proposal for services. GZA's scope of services consisted of the following activities:

- A Site reconnaissance to make surficial observations for evidence of recognized environmental conditions.
- Review of federal and state regulatory agency databases identified by ASTM for the Site and a selected radius around the Site.
- Review of specific files and records of the RI Department of Environmental Management (RIDEM).
- Contact with local environmental regulatory agencies to inquire about environmental conditions at the Site and in its vicinity.
- Review of the Site history through available ASTM Standard Historical Sources.
- A vicinity reconnaissance of properties within a quarter mile of the Site.
- A review of adjoining properties to identify the potential use of hazardous materials.
- Preliminary asbestos survey to identify issues that may affect future renovation or demolition.
- A soil boring program to assess subsurface soil conditions; the program consisted of the completion of three soil borings; three groundwater monitoring wells were installed.
- Field screening of soil and groundwater samples.
- The laboratory testing of the soil and groundwater samples for volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH).
- Preparation of this report of our findings.

This report presents GZA's field observations, results, and opinions, and is subject to modification if subsequent information is developed by GZA or any other party. This report has been prepared in accordance with the limitations presented in Section 11.00 and Appendix A.

2.00 BACKGROUND SITE INFORMATION

The following information was obtained during GZA's Site reconnaissance and from interviews with individuals knowledgeable about the Site. Additional information on Site use and area observations at the Site is contained in Section 6.00.

2.10 SITE LOCATION

The Site is located in the downtown/waterfront district of Bristol, Rhode Island. It is bound by Bristol Harbor to the west, John Street to the north, Hope Street to the east, and Constitution Street to the south; a locus plan is provided in the FirstSearch report, Appendix B. A copy of the *Town of Bristol Tax Assessor's Map*, attached as Figure 1, shows the approximate property boundaries. Figure 2, *Aerial View*, provides a circa 1997 aerial view of the Site and the surrounding properties.

2.20 DESCRIPTION AND USE

The ±4 acre Site consists of 16 parcels containing the Robin Rug manufacturing facility, a retail store, two residential buildings, and parking areas. A summary of the “Site” is provided below.

Lot #	Street Address	Current Use
26	6 John	Paved parking lot
27	168-178 Thames	Paved parking lot
32	132-152 Thames	Paved parking lot
41	106 Thames	Paved parking lot
42	125 Thames; also, 99, 103, 117 Thames	Robin Rug Inc. Bristol Yarn Corporation, Division of Robin Industries Constitution Braided Rug, LLC Showroom (braided rug & textile products since 1949)
43	317 Hope	Retail store (locksmith & shoe shop)
44	96 Thames	Paved parking lot
49	70 Thames	Two-family dwelling, garage, unpaved parking area
50	60 Thames	Single-family dwelling
60	73, 79, 85 Thames	Robin Rug Facility
61	49 Thames	Robin Rug Facility
62	3 Constitution	Robin Rug Facility
68	88 Thames	Paved parking lot
73	5 Constitution	Robin Rug Facility
74	317 Hope	Grass-covered open space
76	317 Hope	Grass-covered open space

The approximate dimensions of the buildings are shown on the Tax Assessor’s office property record card, presented in Appendix C.

The expansive, historic mill complex features four to five floors of interconnected industrial buildings. Figure 3, *Site Plan*, presents the building configurations and designations (as indicated and labeled on the “Collins and Aikman Corporation 1941 map”). Most of the buildings are constructed of red brick facade, concrete block walls, and have poured concrete floors. The parking lot areas are covered with bituminous asphalt.

The Robin Rug Facility is currently an operational, full-production textile mill utilized for the manufacturer of flat and tubular braided rugs. The yarn-making process consists of receiving raw wool in burlap bundles, spinning the wool and nylon into yarn on looms, followed by dyeing, sewing, braiding, air entangling, knitting, and finishing processes to create braided rugs.

2.30 ADJOINING PROPERTIES USE

Land use in the vicinity of the Site is characterized as a mix of residential, commercial, and outdoor recreational uses. In relation to the Robin Rug facility, an alley and park is located adjacent to the north, the State Armory building is located to the northwest, and Bristol Yacht Club to the southwest. An antique store is located adjacently to the north of the 317 Hope Street retail store; a residential dwelling is located adjacently to the south.

2.40 SITE UTILITIES

According to personnel at the Bristol Building Department, the Robin Rug facility and/or surrounding buildings are connected to electricity, municipal water and sewer. The residential Site buildings, 60 and 70 Thames Street, are connected to natural gas. The heating fuel for the manufacturing facility is No. 6 fuel oil (two underground storage tanks) and the 317 Hope Street Site building is heated by No. 2 fuel oil (one above ground storage tank (refer to Section 6.10)).

3.00 ENVIRONMENTAL SETTING

The following subsection provides information regarding the general physiographic and hydrologic conditions in the area of the Site.

3.10 TOPOGRAPHY, SOIL, AND DRAINAGE

Based on a review of the U.S. Geological Survey (USGS) topographic map (Bristol, Rhode Island Quadrangle), the topography of the site is essentially flat, with a gentle slope towards Bristol Harbor. The ground surface grades range from an elevation of ± 10 feet above the National Geodetic Vertical Datum (NGVD) along Thames Street to sea level at the Bristol Harbor shoreline.

Based on subsurface investigations conducted at an off-Site property to the north, the area geology generally consist of ± 12 feet of fill, followed by outwash deposits and glacial till to a depth of ± 25 feet below grade, underlain by bedrock consisting of Shale and Phyllite.

The Site is covered with buildings, asphalt-paved parking areas, and grass-covered open areas. Based on the topography and observations, it is expected that surface water drains as sheet flow off the Site's paved parking areas to the municipal storm water system located on the surrounding roadways. Surface water on the unpaved westerly grassed portion of the Site either infiltrates on-Site or drains to the Narragansett Bay tidal waters. A stormdrain is located in the courtyard at the northern portion of the Site.

3.20 GROUNDWATER FLOW DIRECTION AND CLASSIFICATION

Groundwater beneath the shoreline portion of the Site is likely influenced by tidal activity and therefore is expected to be shallow and brackish. Based on a review of the area's topography, topographic mapping, prior reports, and observations made during the area reconnaissance, groundwater within the vicinity of the Site is expected to flow in a westerly direction, towards Bristol Harbor. Subsequent references to upgradient and downgradient directions are relative to our anticipated westerly flow direction within the vicinity of the Site.

However, groundwater flow direction at the Site may also vary due to underground utilities (e.g., storm drains, sewers, and utility conduits), tidal activity, and/or heterogeneous subsurface soil conditions.

Groundwater beneath the Site has been classified by RIDEM as a GB designation which generally applies to areas where pollution has degraded the underlying aquifer, and the aquifer is not a current or potential drinking water source. A GB groundwater designation is typical for urban locations in Rhode Island. The nearest groundwater assigned the GA (drinking water) quality classification is located approximately ¼-mile to the north of the Site.

3.30 SURFACE WATER CLASSIFICATION

Bristol Harbor, which adjoins the Site to the west, has been assigned the RIDEM classification, SB. The SB designation applies to saltwater that is for primary and secondary contact recreational activities, shellfish harvesting, and fish habitat. SB waters are also suitable for aquaculture, navigation, industrial cooling, and maintain good aesthetic value. RIDEM further designates a portion of Bristol Harbor (adjacent to the Site and extending to the center of the harbor) as waters that are in unsatisfactory sanitary condition for the taking of shellfish for human consumption.

As shown in Figure 4, *Bristol Quadrangle Map, Rhode Island Coastal Resources Management Council (CRMC) Program*, properties located within the 200 foot coastal buffer are under the jurisdiction of the CRMC.

3.40 HYDROLOGICAL FLOOD PLAIN INFORMATION

A review of the *Drainage Basin Map* prepared by the US Department of Agriculture, Soil Conservation Service (dated June 1978) shows the Site is located in the Narragansett Bay Drainage Basin. Based on review of the *Federal Emergency Management Agency (FEMA) Map* (Flood Insurance Rate Map, Bristol County, attached as Figure 5, major portions of the Site are designated within a 100-year flood plain. Portions of the Site highlighted as Zone AE are designated areas of special flood hazard.

Further to the east, portions of the Site located between Thames Street and Hope Street are characterized as Zone X (area of minimal hazard, with average depths of less than 1-foot). According to the definition, buildings in zone X could be flooded by severe, concentrated rainfall where local drainage systems were inadequate or there was a failure of a local drainage system.

4.00 HISTORICAL USE INFORMATION

The Site history was developed from records available at the Bristol Tax Assessor's Office, Providence Library, State Archives, Engineering and Building Departments.

4.10 SITE HISTORY SUMMARY

The 125 Thames Street parcels were developed prior to 1884 as the Reynolds Manufacturing Company and later operated as the Cranston Worsted Mill (cotton and wool mills) and Collins and Aikman Corporation (worsted spinning mill). Historical records identify a boiler room, machine shop, oil room, paint shop, 1,200 gallon fuel oil tank, 230 gallon gasoline tank, and automobile station. Within the courtyard area, Building No. 8, containing the paint shop and carpenter shop were demolished. The 1,200 gallon UST and 230 gallon gasoline UST were formerly located beneath Building No. 7A and apparently removed during construction. Robin Rug Inc. has occupied the building since approximately 1950. The Church Street and John Street parcels were historically occupied by dwellings, a boarding house, apartments, and a grocery store. The Hope Street and Thames Street parcels were historically occupied by a florist, greenhouses, and dwellings.

4.20 TAX ASSESSOR'S OFFICE

The Site is currently identified on the *Town of Bristol Tax Assessor's Map*, Figure 1, as the following 16 parcels located on Plat 16:

Lot #	Street Address	Parcel Sq. Ft.	Parcel Acre	Current Owner
26	6 John	2,809	0.06	Russ-Russ Realty Co.
27	168-178 Thames	6,875	0.16	Russ-Russ Realty Co.
32	132-152 Thames	8,700	0.20	Russ-Russ Realty Co.
41	106 Thames	13,213	0.30	Russ-Russ Realty Co.
42	125 Thames; also, 99, 103, 117 Thames	51,821	1.19	Russ-Russ Realty Co.
43	317 Hope	6,278	0.14	Karian Realty Co.
44	96 Thames	7,717	0.18	Russ-Russ Realty Co.
49	70 Thames	13,734	0.32	Karian, Russell
50	60 Thames	2,528	0.06	Karian, Russell
60	73, 79, 85 Thames	33,656	0.77	Russ-Russ Realty Co.
61	49 Thames	7,130	0.16	Russ-Russ Realty Co.
62	3 Constitution	2,533	0.06	Russ-Russ Realty Co.
68	88 Thames	4,617	0.11	Russ-Russ Realty Co.

73	5 Constitution	2,850	0.07	Russ-Russ Realty Co.
74	317 Hope	5,140	0.12	Karian Realty Co.
76	317 Hope	8,435	0.19	Karian Realty Co.
	Total:	178,036	4.09	

Information regarding addresses and property ownership was obtained from chain-of-title records and field cards provided by the Tax Assessor's Office.

4.30 BUILDING AND ENGINEERING DEPARTMENT

According to the Engineering Department's records, the area of the Site has been connected to municipal water and sewer systems since at least the early-1900s. Indications of subsurface natural gas, electrical and municipal water utility DigSafe markings were observed on the roadways surrounding the Site.

The April 2, 1996 Zoning District Map indicates that the Site is located in a maritime district zoned Waterfront Business (W). A copy of the Bristol Zoning Code is attached in Appendix D. Notations indicate that any new construction or maintenance of existing construction within 200 feet of a coastal feature must be filed with Rhode Island Coastal Resources Management Council (CRMC) prior to commencement of work.

4.40 HISTORICAL MAPS, CITY DIRECTORIES, AND AERIAL MAPS

Sanborn Fire Insurance Maps (dated 1989, 1920, 1951, and 1956) were available at the Providence Public Library. Aerial photographs dated 1936, 1952, 1962, 1972, 1981 and 1997 provided by the University of Rhode Island Natural Resources and Environmental Management website (<http://www.edc.uri.edu>), and City Directories (dated between 1937 and 2000 obtained from the State Archives) were available for review. Collins and Aikman Corporation 1941 map and a three-dimensional view (undated) were provided by the Client. Given the scale of aerial photographs (1" = 400') relative to the size of the Site, features of direct environmental concern (drum storage, tanks, etc.) cannot be distinguished. However, review of these photographs in conjunction with the Sanborn Historic Fire Insurance Maps and city directories provides an understanding of the Site history, including the identification of structures, indications of storage tanks, and occupancy.

Copies of historical fire insurance maps are attached as Figure 6 and a *1997 Aerial View* is provided as Figure 2. Table 1 (attached) provides details from the historical resources; a summary is provided below.

Current Address	Current Business / Occupant	Historical Address & Occupancy
6 John	Paved parking for Robin Rug	Dwelling
168-178 Thames	Paved parking for Robin Rug	Apartments, grocery, dwellings
132-152 Thames	Paved parking for Robin Rug	Boarding House & dwelling
106 Thames	Paved parking for Robin Rug	Dwellings
125, 99, 103, 117	Robin Rug facility	Carpet manufacturing since 1950, textile

Current Address	Current Business / Occupant	Historical Address & Occupancy
Thames		printing, wool & cotton mill
317 Hope	Retail store	Florist, greenhouses
96 Thames	Paved parking for Robin Rug	Two dwellings
70 Thames	Two-family, 2-story, 2616 sq-ft., basement, garage, unpaved parking area	Dwelling built 1890
60 Thames	Single-family, 2-story, 1735 sq-ft., basement	Dwelling built 1800
73, 79, 85 Thames	Robin Rug Facility, built 1900	Wool mill, dwelling
49 Thames	Robin Rug Facility	Wool mill
3 Constitution	Robin Rug Facility	Wool mill, automobile station
88 Thames	Paved parking for Robin Rug	Dwelling
5 Constitution	Robin Rug Facility	Wool mill
317 Hope	Vacant, grass-covered	Vacant
317 Hope	Vacant, grass-covered	Green Houses

Of potential environmental concern, a machine shop, transformer, and electrical repair shop buildings in the northwestern portion of the Site, i.e., adjacent to the armory, were demolished in the early-1980s and a new building was added in approximately 1984. According to the Site owner, the 1,200 gallon UST and 230 gallon gasoline UST were formerly located beneath Building No. 7A; no evidence of fill or vent ports have been observed.

Greenhouse apparently heat by coal are shown to the west of the 317 Hope Street building. According to the Site owner, the structures were removed in the late-1980s. As orchards were not identified, the significant use of insecticides or pesticides is less likely.

5.00 PREVIOUS SITE INVESTIGATIONS

GZA was not provided with any previous Environmental Site Assessments completed for the Site.

6.00 SITE RECONNAISSANCE

The purpose of GZA's Site reconnaissance was to make surficial observations for evidence of recognized environmental conditions, which could result in the presence of hazardous materials in the environment. GZA Sr. Project Manager, Mark Burbelo, assessed the Site on April 27, 2005. GZA was accompanied by Russell Karian, the Site owner, throughout the facility. Observations were documented and are referenced in the text. A summary of each attribute assessed is presented below; photographs are included in Appendix E.

6.10 EXTERIOR OBSERVATIONS

The periphery of the Site, as well as those portions of the property not occupied by the Site building, was visually assessed for recognized environmental conditions. The Site consists of a large mill complex (i.e., Robin Rug Inc. and Bristol Yarn), asphalt-paved parking lots, two residential dwellings, a retail store, and grass-covered vacant lots. The exterior of the 125 Thames Street buildings are finished with brick; refer to photograph 1. Waterfront features include a sea wall constructed in approximately 1970.

6.10.1 Underground Storage Tanks (USTs)

The 125 Thames Street portion of the Site contains two known USTs located beneath the 106 Thames Street paved parking area (Lot 41); the oil fill ports are shown in photographs 1 and 2. According to the Site owner, the in-use USTs have a reported capacity of 20,000-gallons each of No 6 heating oil. Adjacent to the UST fill ports is a wooden cover that provides access to the transfer and steam piping. According to the Site owner, the transfer lines that extend beneath the roadway were recently replaced; refer to Section 6.20.2.

No records were available regarding the date of installation and the tanks were likely installed at the time of the facility's construction (approximately early-1900). Tightness testing has not been performed; information regarding UST registration is presented in Section 7.20.4.

The residential Site buildings, 60 Thames Street (orange-colored exterior) and 70 Thames Street (blue-colored exterior), were observed to be connected to natural gas; no suspected UST fill and vent covers or pipes were noted.

Oil fill and vent ports were observed on the driveway side of the 317 Hope Street (i.e., Shoe Shop and Locksmith) Site building. Within the basement, a 275-gallon No. 2 fuel oil above ground storage tank (AST) was observed adjacent to a furnace. The tank appeared to be in good condition; no staining was observed and no historical information was obtained relating to tank leakage or overflow during fillings.

6.10.2 Aboveground Storage Tanks (ASTs)

The courtyard area to the north of Building 6 contains a 275-gallon AST No. 6 overflow tank; refer to photograph 3. No leakage was noted beneath the tank.

As shown on the *Site Plan*, Figure 3, a 50,000 gallon water tank is shown to the west of Building 7A. Area No. 15 is identified as a 60,000 gallon above ground receiving tank. Both structures are suspected to be coated with lead-based paint.

6.10.3 Hazardous Substances or Petroleum Products Use

No storage, use, or surficial evidence of disposal of chemicals or hazardous substances was observed on the exterior of the Site.

6.10.4 Staining

No surficial evidence of staining or discoloration was observed on the exterior portions of the Site.

6.10.5 Surface Water

The Site is covered with buildings surrounded by paved walkways. Surface water drains as sheet flow off the Site's paved parking lot areas to the municipal storm water system located in the roadway. A stormdrain is located in the courtyard at the northern portion of the Site. As shown on Figure 3, Collins and Aikman Corporation 1941 map, a 3½-inch gravity drain pipe extends westward and connects to a 5-inch pipe. An 8-inch is shown extending into Bristol Harbor.

Area No. 15 contains a below ground water pit, i.e., concrete storage basin containing a pump and waste separator; refer to photograph 4. A sample of the suspected rainwater was obtained for visual inspection from an access cover. The water appeared clear in color; no evidence of suspended solids or an oil sheen was observed. Beyond its presence on historical maps, little is known about the actual use. It is assumed that the pit formerly functioned to remove solids from a waste stream from the dying waste process (likely before former discharge to the harbor). Refer to Section 9.8, laboratory analytical program.

6.10.6 Solid Waste

Within the courtyard area to the north of Building 6, a solid waste dumpster and scrap metal was observed. No surficial evidence of staining or discoloration was observed in this area.

6.10.7 Other Observations

The following recognized environmental conditions were not observed during the site reconnaissance:

- Ponds, and Lagoons
- Wells
- Oil/water separators
- Septic Systems
- Stressed Vegetation

6.20 INTERIOR OBSERVATIONS

The interior areas of the manufacturing facility (125 Thames Street) and the basement areas of the two residential buildings (60 and 70 Thames Street) and the retail store (317 Hope Street) was visually assessed for evidence of recognized environmental conditions.

6.20.1 Site Use and Processes

The Robin Rug facility is actively utilized for the manufacturer of flat and tubular braided rugs. Basic operations include spinning wool and nylon into finished yarns, dyeing, sewing, braiding, air entangling, knitting, and creating braided rugs.

6.20.2 Observations

Within the lower level of the 125 Thames Street building (i.e., across from the 106 Thames Street paved parking area containing the two USTs), a utility conduit was observed to contain stainless steel piping apparently originating from the USTs; refer to photograph 5. Minor No. 6 oil staining was observed beneath an oil strainer. The piping extends to a recently installed 5,000 gallon AST located at the northeastern portion of the facility, i.e., Building No. 6; refer to photograph 6. The AST was installed in 1987; refer to Section 7.10.3. As shown in photograph 7, the oil-fired heating boiler is situated on an elevated platform. The area beneath the boiler contained water that did exhibit a sheen. Two additional boilers are utilized for steam production during processing. The exhaust is connected to a recently installed stack located in the courtyard.

A limited number of 55-gallon containers of hydraulic, lubricating, and waste oil were observed. Other containers were identified as levelers (retardants), powdered finishing dyes, acetic acid, sulfamic acid, soda ash, aqueous softeners, water treatment chemicals and cleaning solutions were observed; refer to photograph 8. Surficial evidence of a non-petroleum liquid was observed beneath and around the drums; the liquid was determined to be water-based (based on information provided by the facility owner, odor, and visual appearances). The containers appear to be in satisfactory condition. A random portion of the drums were checked and the container fill ports were closed. No evidence of improper storage of oil or hazardous materials was noted inside the building.

According to the Site owner, an aerosol spray-on spot remover solvent is occasionally applied to finished products located on the upper level; no solvents are utilized in the manufacturing process. Historically, all materials and wastes were reportedly stored indoors. According to the Site owner, Western Oil Inc. of Lincoln, Rhode Island periodically removes waste oil. The containers are shipped off-Site by Western Oil Inc. and logged on a bill of lading as a non-hazardous waste. (Note that waste oil managed under the used oil provisions of 40 CFR 279 is exempted for management as hazardous waste.) No PCB labels or evidence of leakage was noted in any electrical area.

The building foundations are constructed of concrete and brick. The upper levels of the building are constructed of wooden flooring and timbers. Building 7-A is of more recent construction and contains steel supports. A walkway spans the courtyard and connects the buildings. Apparent oil-containing equipment and/or minor stained areas were noted beneath the upper level sewing (i.e., Building B-7), weave machines, winding machines, spinning machines, and yarn machines. Evidence of historical dye stained areas was noted beneath inactive work areas and equipment on the concrete and wooden flooring; refer to photograph 9 of the Wash Room. In general, the concrete-floored basement was observed to be in good condition and a release pathway to the environment was not observed; refer to photograph 10.

Dye drippage from machines is collected by concrete-lined floor trenches; refer to photograph 11 and 12. Process wastewater generated at the Site includes rinse water and wash water that accumulates and drains into the floor trenches. According to Site owner, the rinse water and residues that are collected by the floor drains and trenches in the basement are discharged to a holding tank by a sump pump; refer to photograph 13. The pH adjusted effluent is discharged to the municipal sewer system in accordance with an industrial wastewater permit through the Town of Bristol Water Pollution Control Department (refer to Section 7.40).

6.30 SUSPECT ASBESTOS-CONTAINING BUILDING MATERIALS

As part of the internal reconnaissance, a limited qualitative asbestos survey was conducted. The survey was completed by Mark Burbelo of GZA GeoEnvironmental, Inc., a RI Department of Health Certified Asbestos Inspector (AAC-0647IS) as casual observations made during the performance of the Site reconnaissance. The focus of the survey was on readily apparent major building systems that may be insulated with friable (easily crumbled) asbestos materials. These locations were visually assessed without removing any obstructing objects.

No attempt was made to gain access to enclosed spaces, such as the roof, behind walls, or above suspended ceilings; therefore, no conclusions can be drawn regarding areas not observed. No sample collection or analytical testing was performed to confirm the presence of asbestos in observed materials.

The results of the asbestos survey indicated that presumed asbestos insulation was observed on piping; refer to photograph 14. Some of the boiler insulation appears to be damaged (i.e., exhibits minor surface crumbling and is abraded).

The second floor office is finished with 9-inch square brown floor tiles that likely contain asbestos (based on their age and dimensions). In general, the tile appeared in good condition. The office area walls are wood paneled and certain ceiling areas are finished with 12-inch square acoustical ceiling tiles.

6.40 AREA OBSERVATIONS

GZA conducted an area reconnaissance to observe potential environmental conditions on properties adjoining and in the vicinity of the Site. Our reconnaissance was conducted from the Site and from public roads and points of access. No surficial evidence of recognized environmental conditions was visible on the surrounding properties during our area reconnaissance.

7.00 REGULATORY DATABASE REVIEW

GZA reviewed certain files at the RIDEM Office of Waste Management and the Office of Technical and Customer Assistance. The following section is based on public information obtained from these files and various federal, state, and local agencies that maintain environmental regulatory databases. These databases provide information about the regulatory status of a property and incidents involving use, storage, spilling or transportation of oil or hazardous materials. Information was gathered by GZA personnel and by a professional data search service FirstSearch. Federal, state and local regulatory information is presented in Appendix B. A discussion of the reviewed information is presented in the following sections.

7.10 FEDERAL AGENCY DATABASES

Seven federal databases were provided in the FirstSearch report and were reviewed by GZA. These databases and search distances are listed on the following page.

Database	Last Update	Radius Searched
National Priorities List (NPL)	2/14/05	1 mile
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	01/18/03	0.50 mile
Resource Conservation and Recovery Information System (RCRIS) RCRIS COR Facilities RCRIS TSD Facilities RCRIS Generators	2/14/05	0.50 mile 0.50 mile Site & adjacent
Emergency Response Notification System (ERNS)	12/31/04	Site & adjacent

7.10.1 National Priority List

The National Priorities List (NPL), or Superfund list is the EPA's database of confirmed uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program.

There are no NPL sites within a 1-mile radius of the Site.

7.10.2 CERCLIS

The CERCLIS database is a compilation by the EPA of the properties that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

There are no CERCLIS sites within a ¼-mile radius of the Site.

7.10.3 RCRIS Data Base

The RCRIS Generators database is a compilation of facilities that the USEPA has identified as registered hazardous waste generators. It includes very small quantity generator (<100 kg per month), small quantity generator (100–1000 kg per month), and large quantity generator (>1000 kg per month). RCRIS TSD Facilities database includes facilities that transport, treat, store and/or dispose of hazardous waste. RCRIS Corrective Action (RCRIS COR) tracks the specific program events which have occurred at a facility (e.g. facility assessment and stabilization), and corrective action program priority (high/medium/low).

The Site, Russ-Russ Realty, Inc., 125 Thames Street, is identified as a no longer regulated RCRA Generator (RID980732796/NLR). According to the RIDEM file review, no hazardous wastes or oil were shipped since 1987; no previous waste streams were identified. According to the Site owner, hazardous wastes have not been shipped for off-Site disposal under Hazardous Waste Manifests.

The 1987 Biennial Hazardous Waste Report indicated that as a result of leakage from a 5,000 gallon No. 6 oil above ground storage tank (AST), the tank was removed from the boiler room and oil-contaminated soil totaling 2,830 pounds was shipped off-Site.

Four RCRA hazardous waste generators are identified within the target radius, including Bristol Sandblasting, 361 Hope Street. None are located in a potentially upgradient inferred groundwater direction relative to the Site.

Neither the Site, nor any facility within ¼-mile is identified in the RCRA database as RCRIS TSD and RCRIS COR sites.

7.10.4 Emergency Response Notification System

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the U.S. Coast Guard, the National Response Center, and the Department of Transportation.

Neither the Site, nor any of the adjoining properties are identified on the ERNS list.

7.20 STATE AGENCY DATABASE REVIEW

GZA reviewed lists and files available from the RIDEM and state database information provided by FirstSearch. These databases and the respective search distances are presented below.

Database	Date	Radius Searched
RIDEM State Sites List	07/08/04	1 mile
State Leaking Underground Storage Tanks List (LUSTs)	10/12/04	0.5 mile
Solid Waste Facilities/Landfills	01/24/01	0.50 mile
State Registered Underground Storage Tanks (USTs) List The State List of Underground Storage Tanks includes existing and former USTs, which have been reported to the RIDEM.	02/01/05	Site and adjoining properties
State Post 1990 Spill List The Post 1990 Spill Database is a state's list of oil/hazardous material release which have been reported to the RIDEM after 1990.	01/04/01	Site and adjoining properties

7.20.1 State Sites

The State Site List is RIDEM's list of Sites designated for further investigation or remedial action. The Site is not identified as a RIDEM State-listed Site.

The former Premier Thread/Coats America, Inc. facility, located off-Site to the north at 345 Thames Street, is listed as RIDEM Case # 2000-078. It is bounded by the Thames Street Landing commercial development to the south. The site was formerly occupied by the Bristol County Gas and Electric Company and was used as a manufactured gas plant (MGP) site from the late 1890s to the 1930s. More recently, the site was used as a parking lot by the former Coats America, Inc. facility. As summarized in GZA's March 2003 *Site Investigation Report* and VHB's August 2001 *Site Data Report*, soil and groundwater at certain locations contain petroleum hydrocarbons and/or hazardous materials at concentrations that represent Method 1 exceedances as defined in the Remediation Regulations. Dense Non-Aqueous Phase Liquid (DNAPL) in the form of coal tar was observed in certain monitoring wells. Groundwater volatile organic compounds (VOCs) concentrations exceeded the GB Groundwater Objectives. There has been no evidence of coal tar seepage breaks along the shoreline.

In addition to the 345 Thames Street property, seven other State-listed Sites were identified. Based on distance from the subject Site and/or current RIDEM status, the State listed Sites are not anticipated to have impacted soil and/or groundwater at the subject Site.

7.20.2 LUST and UST Sites

The FirstSearch report did not identify the subject Site as a Leaking Underground Storage Tank (LUST) facility or registered UST facility. As indicated in Section 7.10.3, a 5,000 gallon No. 6 oil AST was removed from the boiler room. The AST was formerly located inside a cement block enclosure on the concrete floor. Contaminated soil totaling 2,830 pounds that was packed around the AST in the vault was shipped off-Site following a leak. A replacement AST was installed; refer to Section 6.20.2.

The FirstSearch report identified the following LUST facilities and registered UST facilities located within a ½-mile radius of the Site.

- Fleet Bank, 315 Hope Street (0205-LS/SRO): This LUST facility is located to the south and borders the 317 Hope Street portion of the subject Site. According to information contained in the file, a 1,000-gallon gasoline UST and contaminated soil were removed from this facility. An October 1990 *Certificate of Closure* was issued indicating no further action. Therefore based the remedial actions completed, Fleet Bank is not anticipated to impact environmental conditions at the subject Site.
- Bristol Community Center (Armory), Church and Thames Streets, (0208-LS/SRO): This LUST facility is located downgradient at the intersection of Church and Thames Streets (i.e., Public Park). Robin Rug is located to the south beyond the right-of-way. According to information contained in the file, a 1,000-gallon No 2 heating oil UST and 1,020 pounds of contaminated soil were removed from this facility. A December 1991 *Certificate of Closure* was issued indicating no further action. Therefore based on location and remedial actions completed, the Bristol Community Center is not anticipated to impact environmental conditions at the subject Site.
- Thames Street Landing, 251 Thames Street, (0226-LS/SRO): This LUST facility is located to the north beyond the intersection of John Street. A 1,000-gallon gasoline UST and 1,000 gallon No 2 heating oil UST and contaminated soil were removed from this facility. The facility is not located in a hydrogeologically upgradient direction relative to the subject Site, therefore, it is not anticipated to impact environmental conditions at the subject Site.

In addition to the “Town of Bristol Facility,” located to ±0.17 mile the north on John Street (LUST facility 0213-LS/SRO), and United States Postal Service, located 0.23 mile to the north 5151 Hope Street, (0216-LS/SRO), six other off-Site LUST facilities were identified at greater than a ½ mile radius to the north of the Site. Based on distance and direction from the subject Site, these facilities are not anticipated to impact soil and groundwater conditions at the subject Site

USTs listed on the nearby properties include U.S. Coast Guard, 1 Thames Street, (located to the south) and Bristol Town Hall, 10 Court Street (to the north). The remaining eight USTs are located further to the north. None of the listed USTs are located hydrogeologically upgradient of the subject Site, therefore, conditions at these facilities are not anticipated to impact environmental conditions at the Site.

7.20.3 UIC Sites

Neither the Site nor any facilities within one-half mile of the Site were identified on the Underground Injection Control (UIC) Master List, maintained by the RIDEM Office of Water Resources.

7.20.4 Active Solid Waste Landfills

The State Solid Waste Facilities/Landfill List includes solid waste disposal and landfill activities. No active solid waste facilities or landfills were identified within ½-mile of the Site on the FirstSearch report.

7.20.5 Spills and Incident Response

The FirstSearch report did not identify any hazardous materials or oil spill incidents on the Site or surrounding properties.

7.20.6 Groundwater Classification

Groundwater beneath the Site and most of the surrounding area is classified by the RIDEM as GB. This use classification is assigned to areas in which the groundwater resources are designated to be unsuitable for public or private drinking water use without pretreatment. No GA or GA non-attainment areas were noted within a ½-mile radius of the Site.

7.20.7 Wellhead Protection Areas

No Wellhead Protection Areas were noted within a ½-mile radius of the Site.

7.30 TOWN OF BRISTOL WATER POLLUTION CONTROL DEPARTMENT

The Site is operating under a current wastewater discharge permit (since approximately 1986) that allows the facility to discharge rinsewater and washwater from dyeing operations into the municipal sewer system. Industrial User Self-Monitoring Reports have been routinely issued to the Town of Bristol Water Pollution Control Department by both Robin Rug Inc. and Bristol Yarn, both identified as 125 Thames Street.

Under the permit conditions, the facility is required to submit monthly self-monitoring analysis reports for priority pollutant metals (cadmium, chromium, copper, lead, nickel, silver, and zinc), cyanide, oil/grease, volatile organic compounds, semi-volatile organic compounds, PCBs, pesticides, pH, and total suspended solids. A review of historical (i.e., 1995) and the most recent (April 1, 2005) self-monitoring reports indicate that the results have been within satisfactory limits. As shown below, the concentrations are either non-detectable, or very low. In summary, laboratory testing did not provide evidence that the Site's discharges are environmentally significant.

April 1, 2005 Data			
Analyte	Robin Rub (mg/l)	Bristol Yarn- Site 1 (mg/l)	Bristol Yarn – Site 2 (mg/l)
Cadmium	ND	ND	ND
Chromium	ND	ND	ND
Copper	ND	0.04	0.03
Lead	ND	ND	ND
Nickel	ND	ND	ND
Silver	ND	ND	ND
Zinc	0.01	0.07	0.08
Cyanide	ND	ND	ND
Oil/Grease	ND	3.5	8.3
Volatile organic compounds	ND	ND	ND
Semi-volatile organic compounds	ND	ND	ND
PCBs	ND	ND	ND
Pesticides	ND	ND	ND

Note: ND indicates not detected above reporting limits.

8.00 INTERVIEWS

GZA obtained information from the following individuals and/or offices as part of this assessment:

- Russell Karian, the Site representative
- Clerk, Tax Assessor's Office
- Clerk, Engineering and Public Works Department
- RIDEM, Offices of Waste Management, and Technical and Customer Assistance

The information provided by each is discussed and referenced in the text.

9.00 SUBSURFACE INVESTIGATIONS

Based on the 100+ year manufacturing history of the property, GZA completed a subsurface exploration program involving the performance of three borings (GZ-1 through GZ-3). Because the majority of the Site contains buildings bordering public roadways (i.e., public alley to the north, Thames Street to the east, and Constitution Street to the south, exploration locations were selected at the easterly, i.e., downgradient portion of the Site. The locations of the explorations are shown on the attached Exploration Location Plan, Figure 3; boring logs are attached in Appendix F.

9.10 SUBSURFACE EXPLORATIONS

On July 6, 2005, three borings, designated GZ-1 through GZ-3, were completed by New Hampshire Boring of Brockton, Massachusetts. Hollow stem auger techniques were employed without the use of drilling water or other fluids. Borings were advanced to depths of ± 15 feet below grade. Soil samples were collected during the advancement of the borings in accordance with ASTM D-1586. A GZA field engineer was present during the field program to collect soil samples and to prepare boring logs describing subsurface conditions.

9.20 MONITORING WELL INSTALLATIONS

Groundwater was encountered between approximately ± 5 and ± 7 feet below grade. The three borings were completed as groundwater monitoring wells to obtain samples and stabilized groundwater readings. In general, the monitoring wells consisted of 10 feet of 2-inch diameter PVC wellscreen attached to a solid PVC riser pipe. The PVC attachments were mechanically completed without the use of glues or solvents. The wellscreen was set to span the water table encountered in the boring during drilling. A filter of clean silica sand was placed in the annular space around the wellscreen and a bentonite clay seal was placed above this filter sand. Well installation details are presented in the boring logs, Appendix F.

9.30 SUBSURFACE CONDITIONS

The following description of subsurface conditions is based on the explorations completed at the Site by GZA. The descriptions are somewhat generalized; for more detailed information, refer to the soil strata descriptions in the boring logs, Appendix F.

In general, the subsurface profile encountered consists of fine sand, gravel, and some evidence of fill. No bedrock was encountered in test borings completed. No visual or olfactory evidence of soil staining or gross petroleum contamination was noted in soils collected from the borings.

9.40 FIELD SCREENING

The headspaces of soil samples collected from the soil borings and test pits were screened for total volatile organic compounds (TVOCs) using a Photovac 2020 photoionization detector (PID) equipped with a 11.8 eV lamp. The PID measures the relative levels of TVOCs in the headspace of the soil sample jar with reference to an isobutylene standard. Although the PID screening cannot be directly used to quantify VOC concentrations or identify individual compounds, the results can typically serve as a relative indicator of the levels of VOCs in each sample.

As presented in the boring logs and summarized in the table below, of the 18 samples screened for VOCs, three provided readings that ranged from 1.8 to 5 ppm.

BORING NO.	TVOCs (PPM)	DEPTH OF READING (FT)
GZ-1	ND	S-1, 0-2
	ND	S-2, 2-4
	ND	S-3, 4-6
	ND	S-4, 6-8
	1.8	S-5, 10-12
	ND	S-6, 15-17
GZ-2	ND	S-1, 0-2
	3.7	S-2, 2-4
	ND	S-3, 4-6
	ND	S-4, 6-8
	ND	S-5, 10-12
	5.0	S-6, 15-17
GZ-3	ND	S-1, 0-2
	ND	S-2, 2-4
	ND	S-3, 4-6
	ND	S-4, 6-8
	ND	S-5, 10-12
	ND	S-6, 15-17

Note: ND = Non-detectable

9.50 GROUNDWATER SAMPLING

Depths to groundwater were measured to determine relative elevations of groundwater and the inferred direction of groundwater flow. Measurements indicated that the groundwater level is relatively shallow across the Site, ranging from ± 6 to ± 7 feet bgs. Based on an interpretation of the available data, groundwater flow is in a general westerly direction towards Bristol Harbor. This groundwater flow direction correlates with our review of the area's topography, topographic mapping, and observations made during the Site walkover.

Well Identification	Depth to Groundwater (feet)	Depth of Well (feet)	Presence of Floater & Product Thickness
GZ-1	5.65	15	None
GZ-2	6.12	15	None
GZ-3	6.72	15	None

After approximately a one week stabilization period, GZA collected groundwater samples from the three groundwater monitoring wells on July 12, 2005. Prior to purging the wells, a standing water sample was drawn by lowering a bailer halfway into the groundwater interface, then withdrawing the sample and making observations for evidence of light non-aqueous liquid (LNAPL). The well sample did not exhibit measurable LNAPL or sheen. Samples were collected in laboratory provided containers and transported in an ice filled cooler under chain-of-custody documentation to GZA's ECL for analysis.

9.60 LABORATORY TESTING PROGRAM

GZA developed an analytical testing program to address contaminants of concern based on information gained from knowledge of suspected conditions on similar properties. The project analytical methods were selected to provide suitable sensitivity to allow for comparison of the resulting data to applicable regulatory criteria. The testing program designed for the project included the following analyte groups.

Contaminant Group/ Analyte Type	EPA Method	Groundwater (No. of Samples)
Volatile Organic Compounds (VOCs)	8260	3
Total Petroleum Hydrocarbons (TPH)	8100M	3

A copy of the laboratory reports, identifying the target compounds, is presented in Appendix G; the results are discussed below.

To evaluate the significance of the analytical data in terms of regulatory criteria, GZA compared the laboratory data to the Method 1 criteria established by RIDEM's Rules and Regulations for the Investigation and Remediation of Hazardous Materials Releases (Remediation Regulations). Throughout the subsequent discussions of the analytical results, we have considered and/or assumed the following:

- The Site is located in a GB-designated resource area; there are neither wellhead protection areas, private water supply wells, nor GA/GAA areas within 500 feet. As such, RIDEM's GB Groundwater Objectives and GB Leachability Criteria are applicable.

9.70 GROUNDWATER ANALYSES – MONITORING WELLS

The following subsections describe the results of the laboratory analytical program completed for the three groundwater samples.

9.70.1 VOC Results

Of the 67 EPA Method 8260 Target VOCs, two petroleum-related compounds were detected in two groundwater samples tested (i.e., GZ-1 and GZ-2). The compounds were present at concentrations considered low. None of the VOC concentrations exceeded the Method 1 GB Groundwater Objectives or the GB Upper Concentration Limits.

Analyte	GB Groundwater Objective (mg/l)	GB Upper Concentration Limit (mg/l)	Concentration Detected (mg/l)
Methyl tertiary butyl ether	5.0	NE	ND - 2.5
Naphthalene	NE	NE	ND - 19.0

Notes:

1. ND indicates, "not detected."
2. NE indicates no regulatory criteria/objective established.

9.70.2 TPH Results

TPH analyses, performed in accordance with EPA Method 8100M, indicated the presence of low concentrations of total petroleum compounds in two of the groundwater samples tested (i.e., GZ-1 and GZ-3).

Analyte	GB Groundwater Objective (mg/l)	GB Upper Concentration Limit (mg/l)	Concentration Range (mg/l)
TPH	NE	30,000	0.47 – 0.85

Note: NE indicates no GB Groundwater Objective established

While the RIDEM has not established a GB Groundwater Objectives for TPH, its presence at these concentrations are not considered of environmental significance. In summary, laboratory testing did not provide evidence that groundwater quality at the downgradient portions of the Site is impacted to a degree that warrants a groundwater response action.

9.80 GROUNDWATER ANALYSIS – WATER PIT

The outside water pit located in area No. 15, as shown on the *Site Plan*, Figure 3, was observed to be a concrete storage basin containing water. The water appeared clear in color; no evidence of suspended solids or an oil sheen was observed.

A water sample was collected by submerging a clean beaker below the surface and decanting the sample into laboratory supplied, pre-preserved container. The sample was placed in an ice chest for transportation under a chain-of-custody and submitted for laboratory analysis of VOCs by EPA Method 8260 analysis. None of the targeted VOCs were detected above the method detection limits.

10.00 FINDINGS AND CONCLUSIONS

A *Phase I & II Environmental Site Investigation* has been conducted by GZA at property identified as Robin Rug, 125 Thames Street and other parcels located on Thames, John, Church and Hope Street in Bristol, Rhode Island. The Phase I Environmental Site Assessment included a Site reconnaissance, a review of Site history, a review of selected local, state and federal regulatory records, review of certain RIDEM files, and interviews with persons and/or agencies familiar with the Site. The Phase II subsurface investigation was performed to compile Site characterization information regarding the presence and extent of certain target compounds in groundwater.

Description: The ±4 acre Site consists of 16 parcels containing the Robin Rug manufacturing facility, a retail store, two residential buildings, and parking areas.

Location: The Site is bounded by Bristol Harbor to the west, John Street to the north, Hope Street to the east, and Constitution Street to the south.

Tax Assessor Records: The Site is identified as 16 parcels (Plat 19/ Lots 26, 27, 32, 41, 42, 43, 44, 49, 50, 60, 61, 62, 68, 73, 74, and 76) owned by Russ-Russ Realty Co., Russell Karian, and Karian Realty Co.

Historical: The 125 Thames Street parcels were developed prior to 1884 as the Reynolds Manufacturing Company and later operated as the Cranston Worsted Mill (cotton and wool mills). Historical records identify a paint shop, 1,200 gallon fuel oil tank, 230 gallon gasoline tank, and automobile station that were later removed. Robin Rug Inc. (carpet manufacturer) has occupied the building since approximately 1950. The Church Street and John Street parcels were historically dwellings, boarding house, apartments, and a grocery store. The Hope Street and Thames Street parcels were historically a florist, greenhouses, and dwellings.

Utilities: The Site and surrounding areas are served by sanitary sewer, stormwater, cable/telephone, electrical, natural gas and municipal water; there are no known private wells on the Site, and the Site is not located within a wellhead protection zone, nor are any located within a ½-mile radius of the Site.

Groundwater: The groundwater in the area of the Site is designated as “GB” and deemed unsuitable for public or private drinking water use due to known or presumed degradation. Groundwater in the vicinity of the Site is inferred to flow in a general westerly direction towards the nearby Thames Harbor.

Upgradient Adjoining Properties Regulatory Review: Federal, state, and local environmental regulatory databases were reviewed. None of the remaining surrounding properties are considered a potential impactor to the subject Site.

Chemical and Petroleum Product Storage Areas: Historically, all materials and wastes were reportedly stored indoors. Minor stains were observed within certain interior areas on the concrete floor. Floor drains are connected to a sump that discharges to the municipal sewer system. No evidence of leakage or improper storage of oil or hazardous materials was noted. The concrete floor is in good condition; therefore a release pathway to the environment was not apparent.

Wastewater Discharge Permit: Industrial User Self-Monitoring Reports have been routinely submitted to the Town of Bristol Water Pollution Control Department. Analysis reports for priority pollutant metals (i.e., cadmium, chromium, copper, lead, nickel, silver, and zinc), cyanide, oil/grease, volatile organic compounds, semi-volatile organic compounds, PCBs, and pesticides indicate that the results have either been non-detectable, or very low. Laboratory testing did not provide evidence that the Site's discharges are environmentally significant.

Site Regulatory Review: The Site, Russ-Russ Realty, Inc., 125 Thames Street, Bristol, is identified as a no longer regulated hazardous waste generator. The 1987 Biennial Hazardous Waste Report indicated that a 5,000 gallon No. 6 oil above ground storage tank (AST) was removed from the boiler room. Oil-contaminated soil totaling 2,830 pounds was shipped off-Site following a leak. The Site is not listed as a Leaking Underground Storage Tank (LUST) facility or registered UST facility.

Subsurface Exploration: The subsurface exploration program of the Site included three borings extending to ± 15 feet below grade and the screening of soil samples and laboratory analyses of groundwater samples.

Soils: Soils across the Site generally consist of sand and gravel; no bedrock was encountered. No visual evidence of gross petroleum contamination was noted in soils collected from subsurface explorations.

Soil Field Screening: Of the 18 samples field screened, three samples provided detectable PID readings of between 1.8 to 5 ppm.

Groundwater Field Screening: Field screening for light non-aqueous phase liquids did not indicate the presence of non-aqueous floaters.

Sampling and Analyses: Groundwater samples from each of the three monitoring wells were subjected to laboratory testing involving VOCs and TPH. The resultant data were compared to the applicable Method 1 criteria established by the RIDEM.

VOCs Monitoring Well Results: Two petroleum-related compounds (methyl tertiary butyl ether and naphthalene) were detected in two groundwater samples (i.e., GZ-1 and GZ-2). The low concentrations of the compounds did not exceed the Method 1 GB Groundwater Objectives or the GB Upper Concentration Limits.

TPH Monitoring Well Results: Low concentrations (0.47 – 0.85 mg/l) of total petroleum compounds were detected in two of the groundwater samples tested (i.e., GZ-1 and GZ-3). Laboratory testing did not provide evidence that groundwater quality at the downgradient portions of the Site is impacted by petroleum hydrocarbons.

VOCs Water Pit Results: Laboratory analyses did not indicate the presence of VOCs.

Summary of Laboratory Testing Program: On the basis of the observations made during the course of this site assessment, it is GZA's opinion that the laboratory testing program for groundwater samples did not provide evidence of concentrations above applicable regulatory criteria.

Underground Storage Tank: The Site contains two known 20,000 gallon USTs. GZA understands that the tank are likely to have been installed in the early 1900s and have been used since then for the storage of No. 6 heating oil. Information regarding tightness testing was not available. The tanks are not registered with the RIDEM Underground Storage Tank program.

The presence of the USTs represents a recognized environmental condition. This opinion is based on our understanding that the fill port and tank is of steel construction (likely riveted) and determined to be approximately ± 100 -years old, and our assumption that the integrity of the UST is uncertain based on the lack of precision (pressure) testing.

10.10 UST RECOMMENDATIONS

Based on the age of the USTs and lack of precision testing, GZA recommends the closure of the USTs in accordance with RIDEM regulations. This recommendation recognizes that, should a buyer proceed with the purchase of the Site, both USTs will likely be removed and closed in accordance with RIDEM's Regulations for Underground Storage Facilities Used for Petroleum Products and Hazardous Materials (UST Regulations). The closures may involve an evaluation of releases from the tanks (e.g., the collection and laboratory testing of soil and groundwater samples), the removal of any impacted soil, and the preparation of a *Closure Assessment Report*. Because the USTs contained heating oil that was consumed solely on-Site, it may not be subject to Closure Assessment requirements unless a release is identified during the closure.

10.20 LEAD-BASED PAINT RECOMMENDATIONS

Most water tanks and roadway bridges (about 75%) built before 1978 are likely to contain lead-based paint (LBP); structures built before 1960 likely contain the most lead paint. Surfaces that have been painted several times may have layers of lead paint underneath layers of non-lead paint.

As shown on the *Site Plan*, Figure 3, a 50,000 gallon water tank is shown to the west of Building 7A. Area No. 15 is identified as a 60,000 gallon above ground receiving tank. Both structures are suspected to be painted with lead-based paint. Accordingly, if future renovation or demolition activities involving the removal of the tanks are contemplated, GZA recommends that testing be performed to evaluate the quality of the coating.

10.30 ASBESTOS RECOMMENDATIONS

GZA performed a limited asbestos survey; the recommendations below are based on the work conducted as part of this assessment. This survey is only preliminary in nature and should not be relied upon for planning building demolition projects. If renovation is planned, destructive sampling/analysis of materials are recommended. No attempt was made to remove any obstructing objects or to gain access to enclosed spaces, such as behind walls or above permanent ceilings; therefore, no conclusions can be drawn regarding areas not observed.

Portions of the 125 Thames Street buildings contain presumed-asbestos containing pipe insulation (i.e., friable lagging) and floor tile. Asbestos is most hazardous to health when it is friable (i.e., can crumbled or be reduced to powder by hand and finger pressure) and fibers can become airborne. The likelihood of fibers being released from the asbestos-containing material can be assessed by evaluating its current condition and the potential for future disturbance, damage or erosion. Other factors include:

- The type of asbestos and the percentage of asbestos in the material;
- The degree of friability of the material (cementitious or fibrous);
- Level of accessibility by the building occupants and the maintenance personnel;
- Signs of damage;
- How much disturbance the material is subjected to under normal operating conditions; and,
- Level of activity in the area.

The buildings are considered “commercial” by Rhode Island Department of Health (RIDOH) Rules and Regulations for Asbestos Control (R23-24.5-ASB). Prior to building demolition, materials will need to be sampled and analyzed as part of a comprehensive (i.e., destructive) asbestos survey. During this time, destructive testing of certain portions of the building would be conducted to determine if multiple layers of floor covering, for example, exists. Materials found to contain greater than one percent asbestos and that will be disturbed, should be abated by a licensed asbestos contractor in accordance with a RI Department of Health approved asbestos abatement plan. If over 20 square-feet total within the building is intended to be removed, then it is a reportable quantity under RIDOH regulations.

Renovation and demolition contractors typically require that a building owner/operator accept responsibility for the removal of all asbestos-containing materials found during an asbestos survey prior to the start of demolition activities. Asbestos removal activities involve the stripping of asbestos-containing materials from surfaces or components of the

buildings (and/or replacement with non-asbestos insulation). In general, the removal of friable asbestos-containing materials is recommended when:

- The asbestos-containing materials are damaged beyond repair.
- The disturbance of the asbestos-containing material cannot be controlled with operating and maintenance procedures.

Otherwise, removal activities should be considered as part of major renovation plans, or take place just prior to the demolition of the building.

When the decision is made to remove friable asbestos-containing materials, detailed site specific specifications (e.g., linear and area measurements, abatement tasks) are required by the RIDOH to be prepared to ensure the safety and health protection of building occupants and workers who are executing the abatement activities. RIDOH regulations provide general guidelines for asbestos control which are applicable to a wide variety of situations.

Accordingly, site specific specifications are required to translate these regulations to the abatement project being considered and to specify the level of performance to be achieved during and after the completion of the abatement activities. Air monitoring during asbestos removal is required in many cases, including inside and outside the removal enclosure, and at the completion of the removal and cleaning process as proof of performance (clearance level) and in the event that renovation or partial demolition work is planned.

If either renovation or partial demolition are anticipated for the building, then the following abatement option tasks are applicable:

Task 1 - Abatement Plan: An abatement plan is required to be prepared and submitted to the RI Department of Health. The plan details the location of the abatement areas and the procedures to be utilized, including any procedures to be utilized in the remainder of the building areas that will undergo encapsulation. The Asbestos Abatement Plan requires an application fee and must be approved prior to filling the 10-day notification to the RIDOH.

Task 2 - Abatement of Asbestos: Following receipt of the RIDOH approval of the abatement plan, a "10 Day Notification Form" is required to be filed with RIDOH.

Task 3 - Monitoring/Project Management: During the abatement and encapsulation procedures, clearance air monitoring are required to be performed by a party independent of the abatement contractor to assess post cleaning conditions and also periodically observe conditions in the facility during any encapsulation to help assure the materials are adequately encapsulated. Encapsulated areas will be identified with a "Warning Asbestos Containing Material" label.

Task 4 - Report: - Upon completion of the abatement and/or encapsulation, encapsulations details, photographs, air monitoring reports, and asbestos disposal receipts are required in a final report.

10.50 STORAGE TANKS/VESSELS

If a property transfer is contemplated, the property owner may be requested to remove and dispose of sludge/debris from storage tanks, processing units, trenches, collection sumps/berms, and piping. In addition, stored wastes, goods and obsolete equipment were observed in Site buildings. After removal, select floor trenches (e.g. boiler room) and areas beneath machinery should be visually assessed. Observations may indicate that remedial work may, or may not, be necessary.

11.00 LIMITATIONS

GZA's Site assessment was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area, and GZA observed the degree of care and skill generally exercised by other consultants under similar circumstances and conditions. GZA's findings and conclusions must be considered not as scientific certainties, but rather as our professional opinion concerning the significance of the limited data gathered during the course of the environmental Site assessment. No other warranty, express or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil or other latent condition beyond that observed by GZA during its Site assessment. This report is also subject to the specific limitations contained in Appendix A.

This study and report have been prepared on behalf of and for the exclusive use of the Client, its Successors and Assigns, and solely for use as an environmental assessment of the Site. GZA's aggregate Liability to all parties who may come to rely upon the report is limited to the amount set forth in the Terms and Conditions and is not hereby expanded. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without the prior written consent of GZA. However, GZA acknowledges and agrees that the Report may be conveyed to the seller and lenders in connection with financing of the property, to the extent set forth in our proposal.

TABLE
CURRENT OWNERSHIP AND HISTORY

Robin Rug, Bristol, Rhode Island

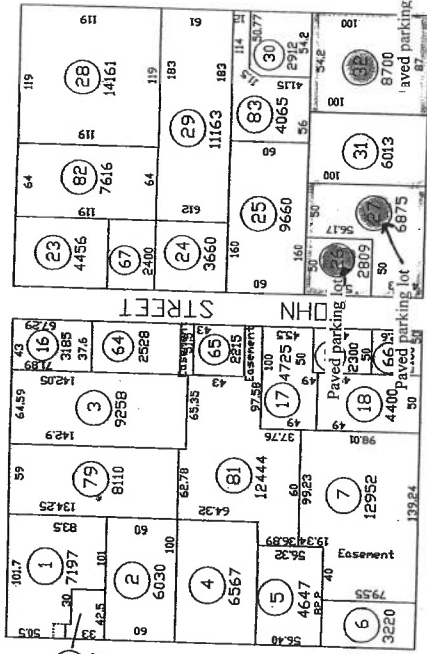
Plot #/ Lot #	Street Address	Parcel Sq. Ft.	Parcel Acre	Current Owner & History	Current Business / Occupant	1995 City Directory	1985 City Directory	1975 City Directory	1960/68 City Directory	1941 map, 1947-1920 Sanborn map	1911 Sanborn map	1884 Sanborn map
26	6 John Thames	2,809	0.06	Russ-Kuss Realty Co.	Paved parking for Robin Rug					Dwelling	Dwelling	Dwelling
27	168-178 Thames	6,875	0.16	Russ-Kuss Realty Co.	Paved parking for Robin Rug					Apartments and store	Grocery & 3 vacant Church St. Boarding House & dwelling	Two dwellings Grocery & Church Street Boarding House
32	132-152 Thames	8,700	0.20	Russ-Kuss Realty Co.	Paved parking for Robin Rug					Vacant	Vacant	
41	106 Thames	13,213	0.30	Russ-Kuss Realty Co.	Paved parking for Robin Rug (No. 6 UST)					Vacant	Two dwellings, shed, tenements	Dwelling
42	125 Thames; also, 99, 103, 117 Thames	51,821	1.19	Russ-Kuss Realty Co.	Robin Rug Inc. Bristol Yam Corporation, Division of Robin Industries Constellation Brated Rug LLC Showroom (graded rug & textile products since 1949) built and manufacturing since 1900	1995: Kinder (Igoris) 317; Elena's Fine Food & Catering 1985: Kinder, Samual & Brothers overflow - landscaping & tree service 1975: Kinder, Samual & Brothers overflow - landscaping & tree service 1960/68: Magic Carpet Canteen, Bristol Textile Printers, Doornate of NE (door mats); Jewels by April; Magic Carpet Factory Outlet; Robin Rug Inc. since 1950 by Gordon Karan; Morris-Fenkala Enterprises Inc.; Sol Fab Robin Rug Inc.	1941 map, 1947-1920 Sanborn map: Collins & Alkman Corporation Cranston Worsted Mills Plant H - Bldg No. 1: Combining 1st, spinning 2nd, twisting 3rd, and spinning 4th; Bldg No. 2: Combining Bldg No. 3: Office 1st, Drawing 2nd, Twisting 3rd, Spring 4th; Bldg No. 4: Combining 1st, storage attic 2nd; Bldg No. 5: Boiler Room 1st, Drawing 2nd, spinning 3rd. Bldg No. 6: Machine shop 1st, Oil Room; Bldg No. 8: Machine Shop, Carpenter Shop, Electrical Repair Shop, transformers, store house.	1911 Sanborn map: Cranston Worsted Mills Plant H - Bldg No. 1: Carding 1st, Machine Shop, storage 2nd, wagon shed, electric motor; Dye Room 1st, Dry Room 2nd, Water Tank 30,000 gallons, Drawing 1st, spinning 2nd, twisting 3rd, and spinning 4th; Shipping 1st, Drawing 2nd, spinning, drawing 3rd & 4th, combing, warehouse room	1884 Sanborn map: Reynolds Manufacturing Co. Cotton Mills. Storage rooms, supplies, runs			
43	317 Hope Thames	6,278	0.14	Karan Realty Co.	Locksmith & shoe shop retail store, 440 sq-ft. w/ basement, built 1919. (potential UST)	315: Kinder (Igoris) 317; Elena's Fine Food & Catering	315: Kinder, Samual & Brothers overflow - landscaping & tree service	315: Kinder, Samual & Brothers overflow - landscaping & tree service	Samuel Kinder Brothers Green Houses	Vacant	Fluorist, Samuel Kinder Brothers Green Houses	Shed, remainder vacant
44	96 Thames	7,717	0.18	Russ-Kuss Realty Co.	Paved parking for Robin Rug					Vacant	Two dwellings, shed	
49	70 Thames	13,734	0.32	Karan, Russell	Two-family, 2-story, 2616 sq-ft. w/ basement, garage, built 1890, unpaved parking area	Residential (John Miranda)	Residential (John Miranda)	Residential (John Miranda)	Dwelling	Dwelling	Dwelling	Dwelling
50	60 Thames	2,528	0.06	Karan, Russell	Single-family, 2-story, 1735 sq-ft. w/ basement, built 1800	Residential (Raymond Graham)	Residential (Raymond Graham)	Residential (Raymond Graham)	Dwelling	Dwelling	Dwelling	Dwelling
60	73, 79, 85 Thames	33,656	0.77	Russ-Kuss Realty Co.	Robin Rug Facility, manufacturing, built 1900					Collins & Alkman Corporation Cranston Worsted Mills Plant H, Bldg No. 7: Combining Mill Collins & Alkman Corporation Cranston Worsted Mills Plant H, Bldg No. 7A Collins & Alkman Corporation Cranston Worsted Mills Plant H, Bldg No. 7A	Cranston Worsted Mills: wool sorting and storage, boat building 1st, paint lot 2nd, storage, office, buried gasoline 1,200 gallon UST, Bristol Construction Co., wagon shed, dwelling	Boat building, wagon shed, dwelling
61	49 Thames	7,130	0.16	Russ-Kuss Realty Co.	Robin Rug Facility					Vacant	Vacant	Dwelling
62	3 Constitution	2,533	0.06	Russ-Kuss Realty Co.	Robin Rug Facility					Collins & Alkman Corporation Cranston Worsted Mills Plant H, Bldg No. 7A	Shed, "automobile station"	Shed
68	88 Thames	4,617	0.11	Russ-Kuss Realty Co.	Paved parking for Robin Rug					Vacant	Dwelling	
73	5 Constitution	2,850	0.07	Russ-Kuss Realty Co.	Robin Rug Facility					Collins & Alkman Corporation Cranston Worsted Mills Plant H, Bldg No. 7A	Gasoline 230 gallon UST	Vacant
74	317 Hope	5,140	0.12	Karan Realty Co.	Grass-covered open space					Vacant	Vacant	Vacant
76	317 Hope	8,435	0.19	Karan Realty Co.	Grass-covered open space					Samuel Kinder Brothers Green Houses	Samuel Kinder Brothers Green Houses	Vacant
Total:		178,056	4.09									
Off-Site: John Thames, Church Streets										Surrounding properties: fire department, hotel, pumping station, store, dwellings, boarding house, tailor, public park	Surrounding properties: fire department, hotel, pumping station, store, dwellings, boarding house, tailor, public park	

FIGURE 1
TAX ASSESSOR'S MAP

SEE PLAT MAP NO. 9

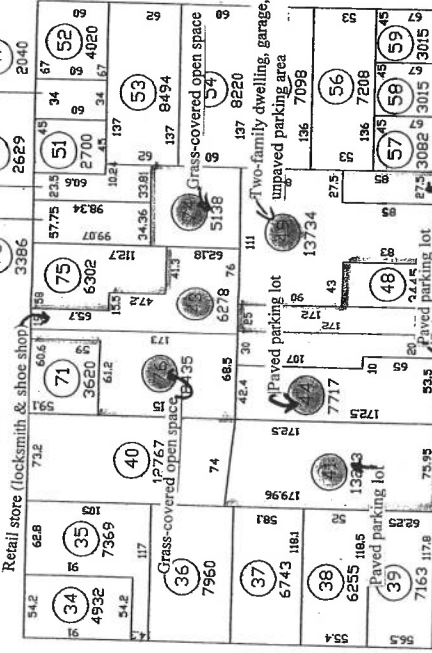
SEE PLAT MAP NO. 11

HOPE STREET



CHURCH STREET

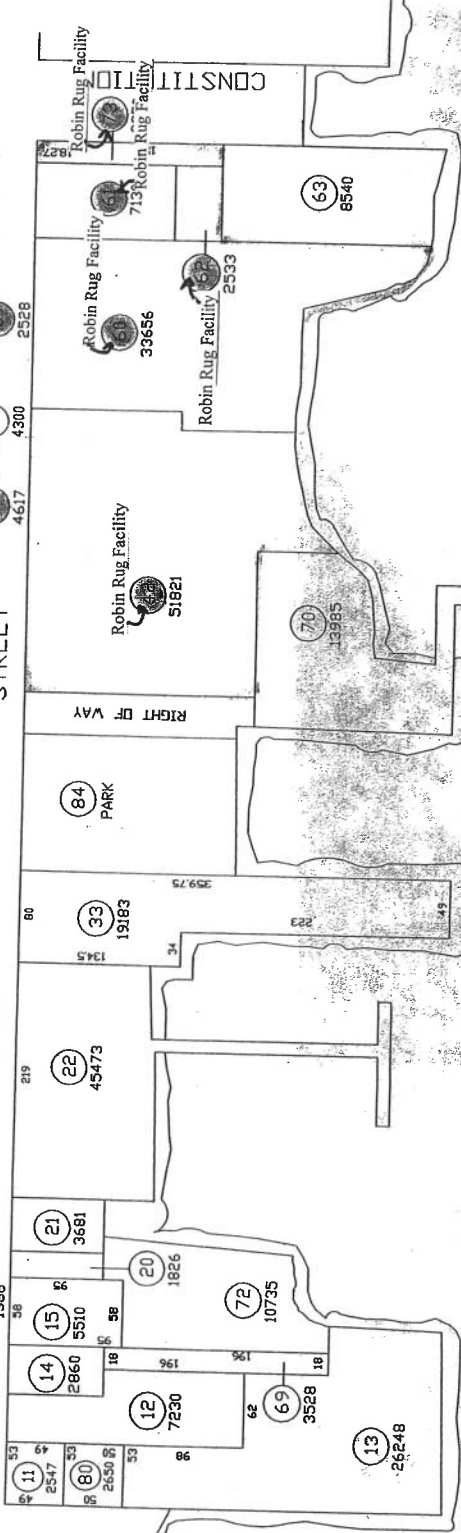
STREET



STREET

THAMES STREET

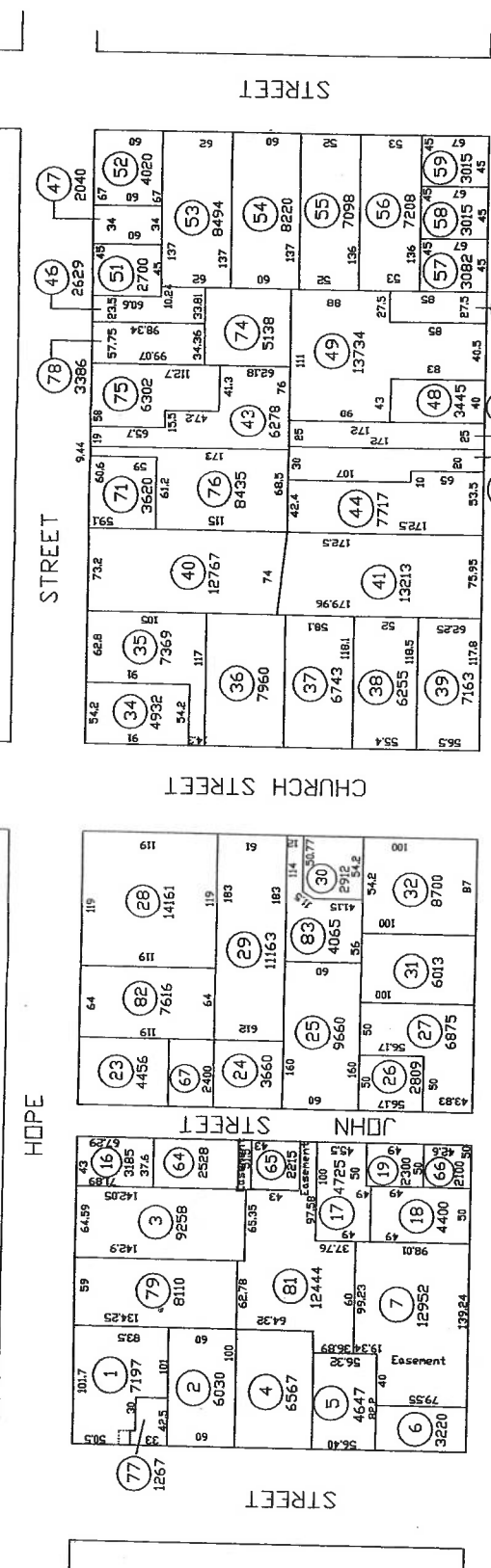
STATE STREET



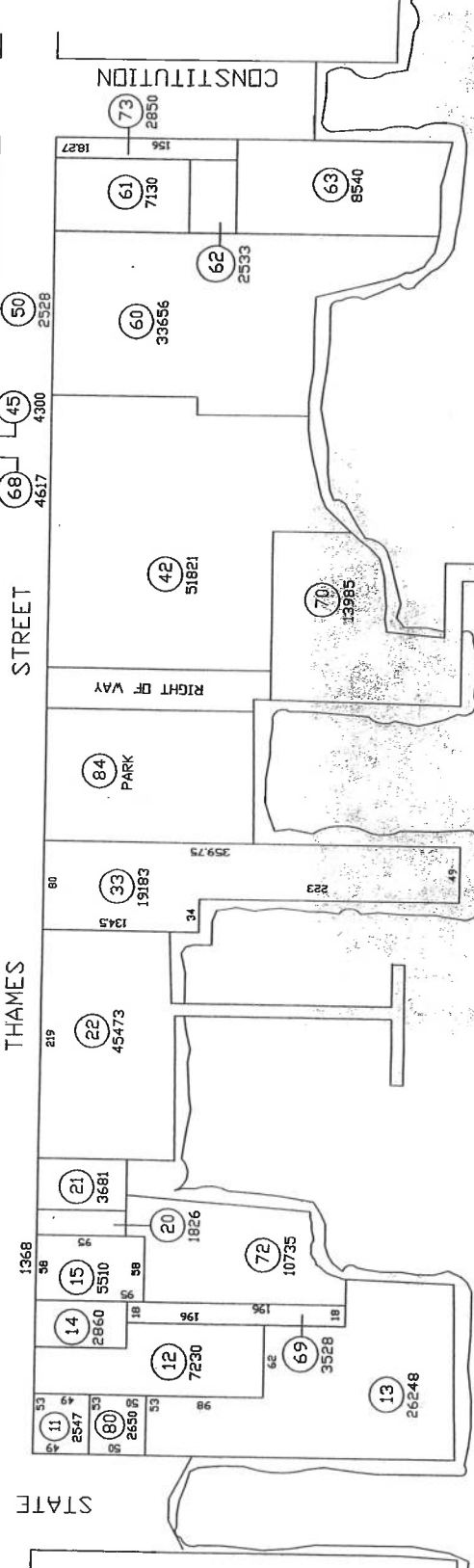
BRISTOL

HARBER

SEE FLAT MAP NO. 9



SEE PLAT MAP NO. 11



BRISTOL

HARBOR

FIGURE 2
AERIAL MAP

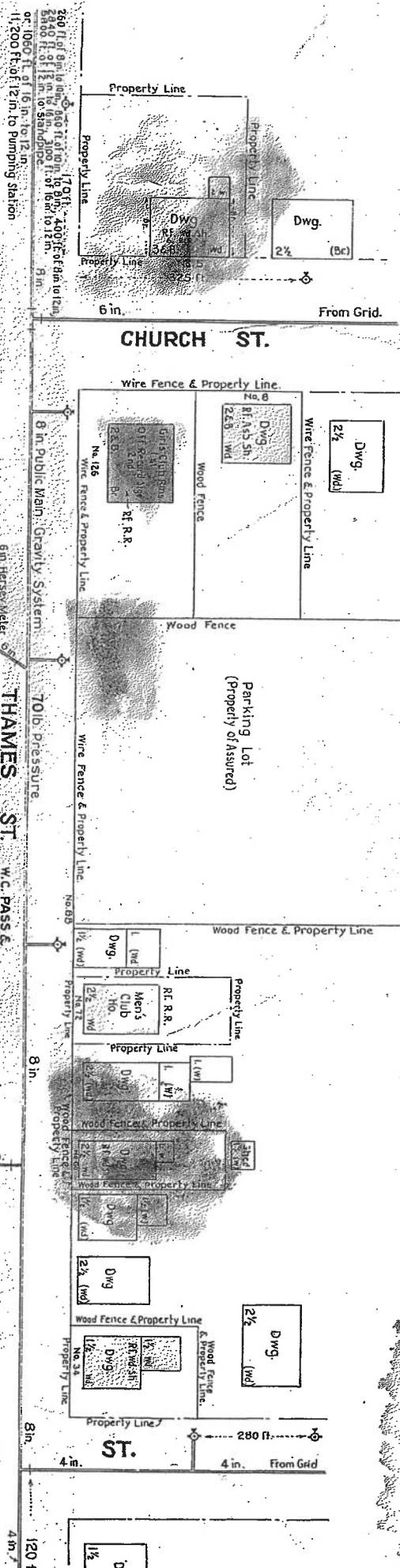
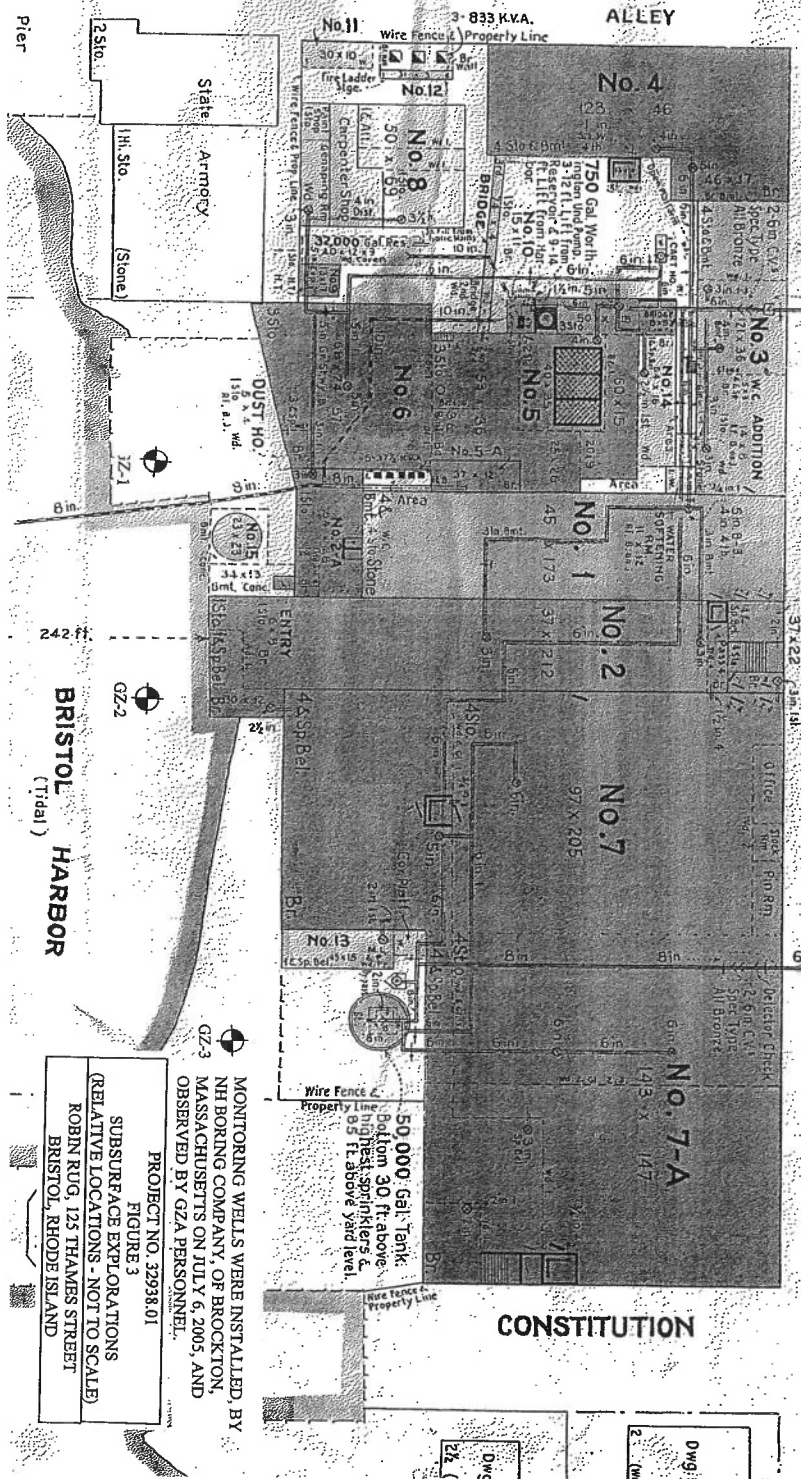


FIGURE 3

COLLINS AND AIKMAN CORPORATION 1941 MAP

of's and floors are approximately 85% Plank on Timber. Beams, 15% Boards on Joists.
 built in about 1920, South Side of 5th St. East 177 ft. in 1917. East Side of 5th St. from 1911-1914. 5th West 70 ft. of 7 in 1942. West Side of 2 in 1927. Oil Pump purchased 23000 x 5000.
 Mothair.

Vacant land for 200 ft., then 2 Sto. Br. Nose Ho., 1/2 to 3 Sto. Wd. & Br. Stores & Tenements & Wharves for several hundred feet beyond



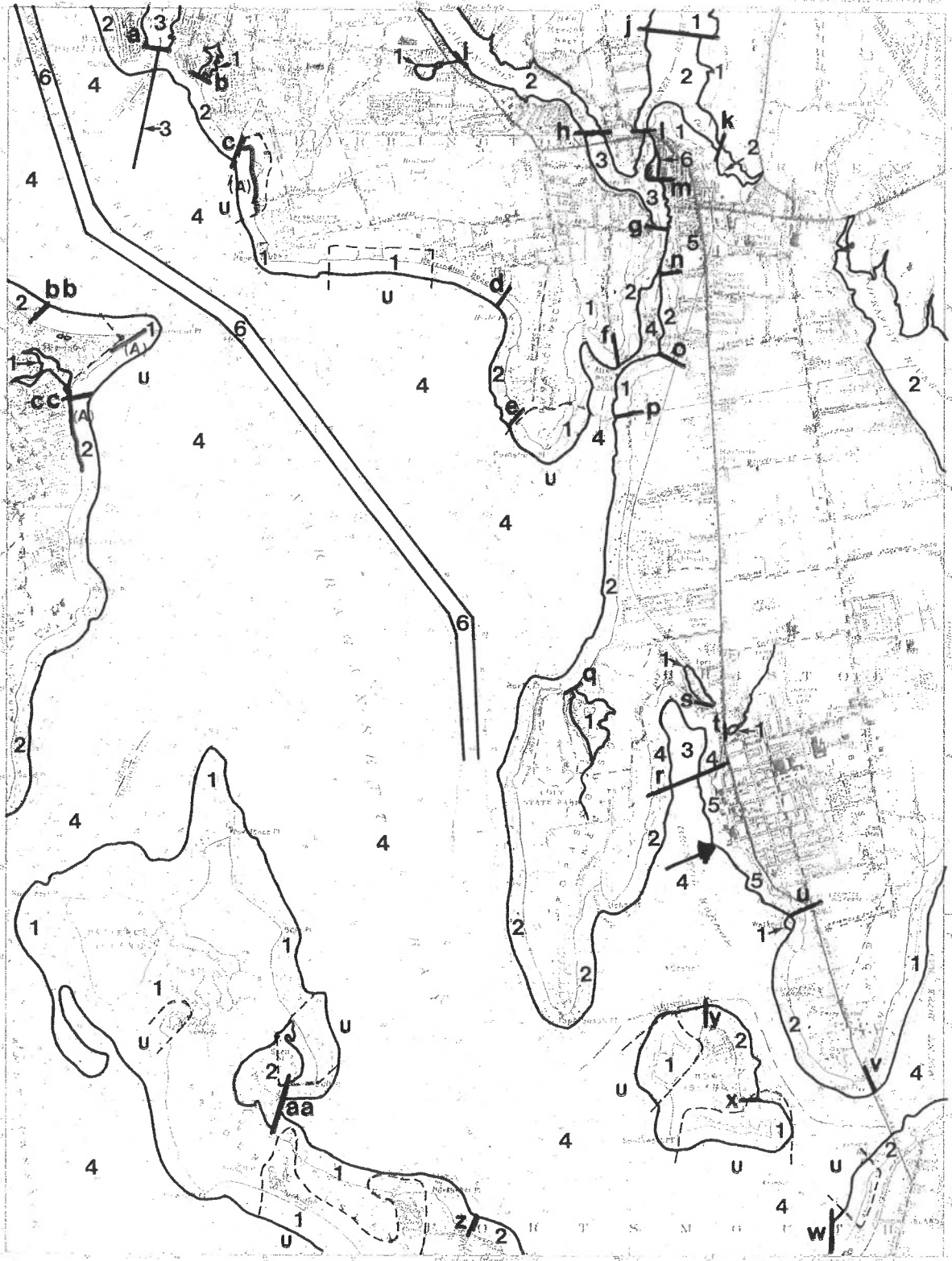
MONITORING WELLS WERE INSTALLED, BY NH BORING COMPANY, OF BROCKTON, MASSACHUSETTS ON JULY 6, 2005, AND OBSERVED BY GZA PERSONNEL.

PROJECT NO. 32938.01
 FIGURE 3
 SUBSURFACE EXPLORATIONS
 (RELATIVE LOCATIONS - NOT TO SCALE)
 ROBIN RUG, 125 THAMES STREET
 BRISTOL, RHODE ISLAND

BRISTOL HARBOR (Tidal)

FIGURE 4
BRISTOL CRMC QUADRANGLE MAP

Bristol Quadrangle

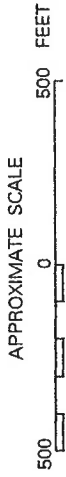


1:10,000
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
BOSTON, MASSACHUSETTS
1978

Bristol Quadrangle

- a A straight line along the southern bulkhead wall of Lavin's Marina, then straight across the channel to where it meets the end of Willow Way.
- b A line from the southeastern end of Blanding Avenue running generally southeasterly across the channel to where it meets the end of Willow Way.
- c A line along the edge of a salt marsh at the end of Appian Way.
- d The outlet of a small pond and stream south of Beach Road.
- e The northwestern border of the salt marsh.
- f A straight line extension of Adam's Point Road.
- g A straight line extension of the south side of Ferry Lane.
- h Along the southern side of the old railroad causeway.
- i Along the westerly side of the Barrington River at the tidal creek entrance.
- j A straight line from the north side of the end of Stanley Avenue running due easterly to a point of land on the opposite shore.
- k Along the pipeline crossing of Belcher Cove.
- l Along the southern side of the old railway causeway.
- m A straight line extension of the south side of Company Street.
- n At the southern end of the industrially zoned area.
- o At the outlet of a small stream south of Locust Street.
- p At the Bristol/Warren town line.
- q Along the inside of the new bridge.
- r A straight line from the boundary between RM20 and RM40 zones on Poppasquash Neck to the boundary between the industrial and commercial zones on the Bristol waterfront.
- s The northern side of the bridge or culvert to Mill Pond.
- t The eastern side of the bridge over Silver Creek.
- u A straight line extension of Fairview Avenue.
- v The eastern side of the Mount Hope Bridge.
- w A straight line extending northerly from the boundary of Lots 8 and 9, Town Map 17.
- x A straight line extending easterly from a point 50 feet north of the edge of the adjacent marsh.
- y A line extending northerly from the northern tip of Hog Island.
- z The outlet of Mill Creek.
- aa A straight line from the tip of Gull Point running generally south-southwesterly, to the boundary between state and private lands on Prudence Neck. (The water use classification boundary around the north end of Prudence Island and Patience Island follows the 18-foot bathymetric contour line. This is consistent with the boundary of the area protected by provisions of the federal Estuarine Sanctuary Program.)
- bb A straight line extension of Talcott Street.
- cc A straight line extension of Lippitt Avenue.

FIGURE 5
FEMA FLOOD MAP



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM
FLOOD INSURANCE RATE MAP
BRISTOL COUNTY,
RHODE ISLAND
(ALL JURISDICTIONS)**

PANEL 14 OF 17
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:
COMMUNITY NUMBER 446889
TOWN OF BRISTOL
PANEL SUFFIX 004 F

Note: Use The MAP NUMBER above, along with the COMMUNITY NUMBER shown above, to order the FIRM Flood Insurance Rate Map for the subject community.

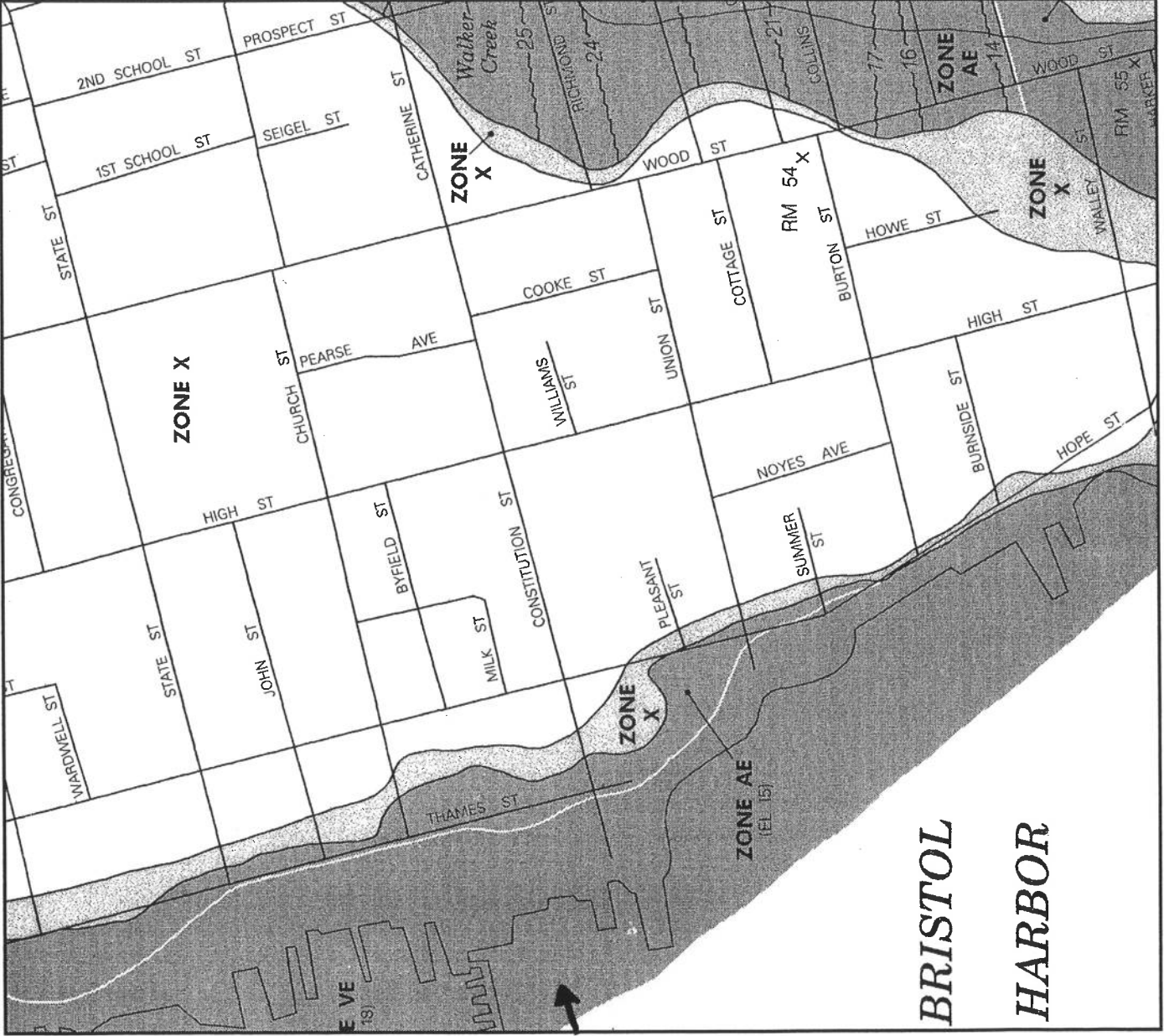
**MAP NUMBER
440010014 F**

**EFFECTIVE DATE:
MARCH 5, 1996**



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



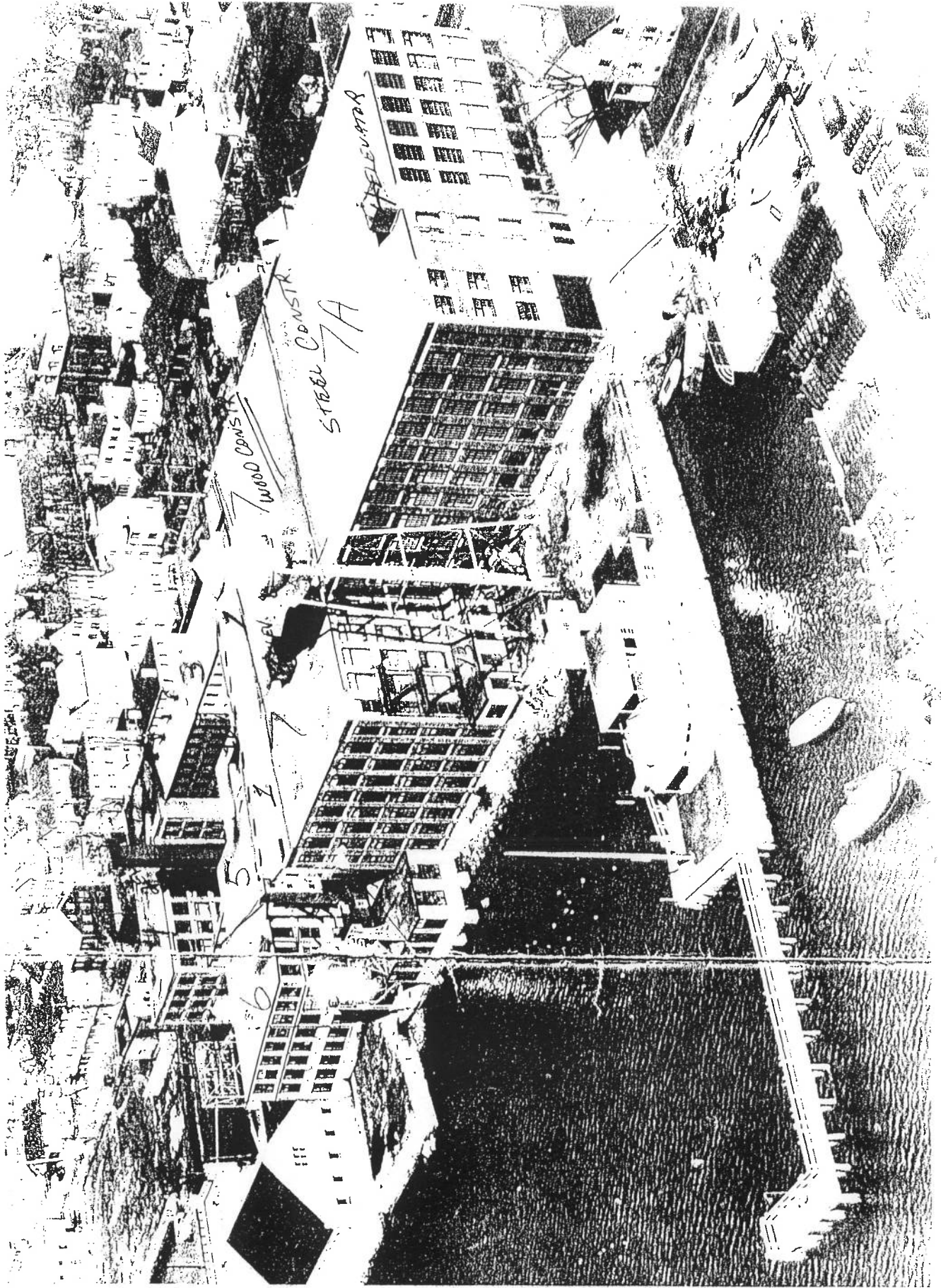
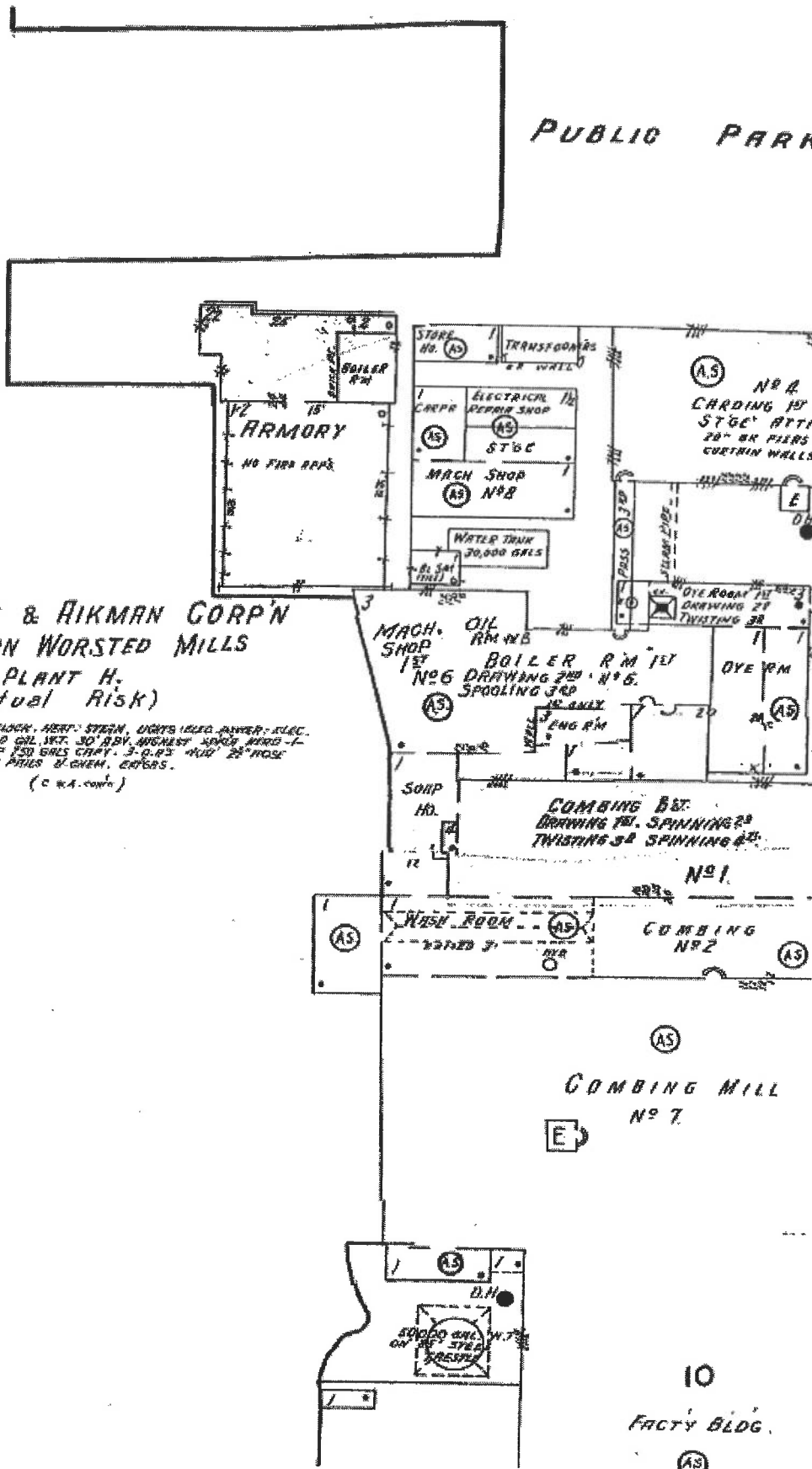


FIGURE 6
HISTORICAL FIRE INSURANCE MAPS

PUBLIC PARK

COLLINS & HIKMAN CORP'S
GRANSTON WORSTED MILLS
PLANT H.
(Mutual Risk)

WATCHMEN WITH CLOCKS, ASPR. STEAM, LIGHTS (ELEC. POWER) - ELEC.
FUEL: COAL 80,000 GALS. WGT. 30' RBY. AUGUST 1917 - 1918 - 1-
DUPLEX FIRE PUMP 150 GALS. CAP. 3" D.P. 4" DIA. 24" HOSE
IN PUMP RD. FIRE FITTINGS 1/2" DIA. CAPS.
(c. u. a. cont'd)



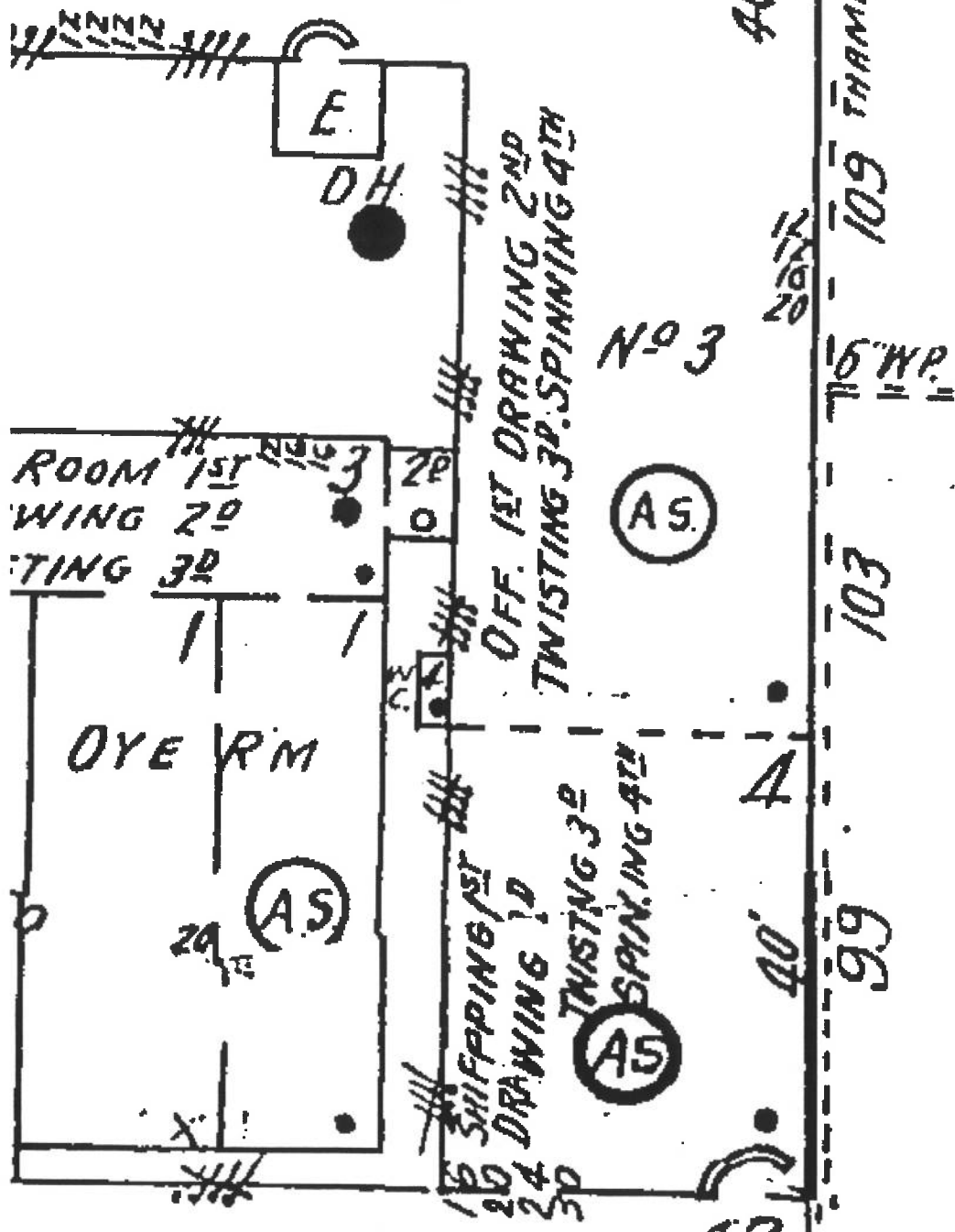
Harbor.

10
FACTY BLDG.

5)

No 4

WARDING 1ST & 2ND
'T'GE' ATTIC.
20" BR PIERS-12" BR.
CURTAIN WALLS.



A" W.P.P.

PUBLIC PARK.

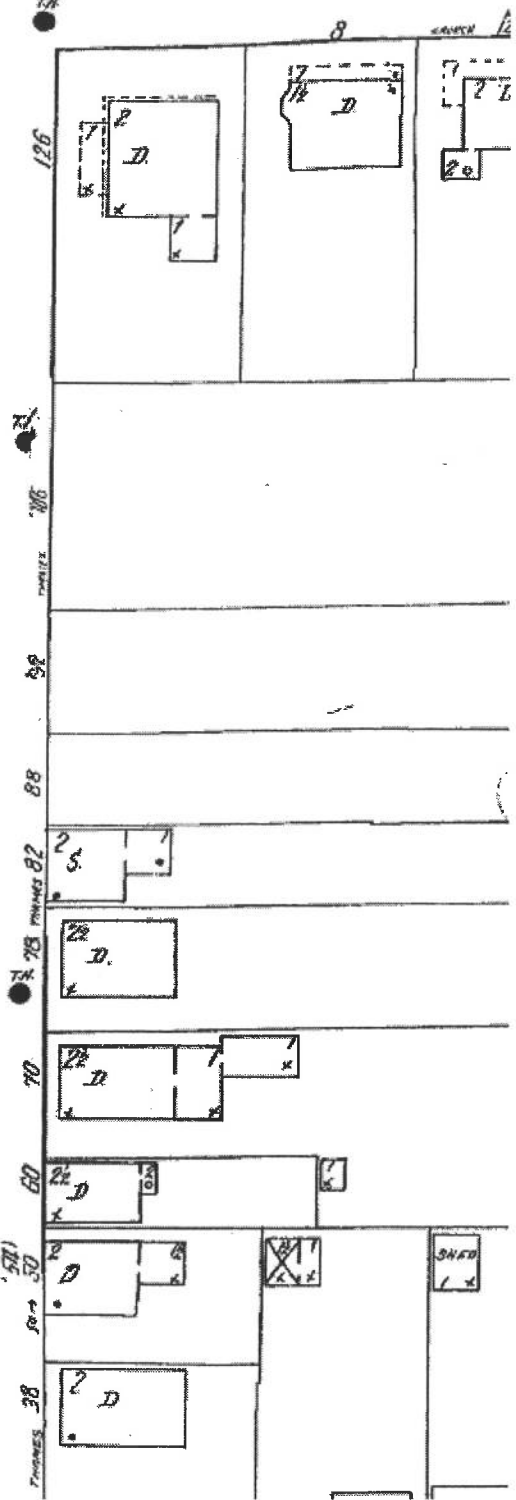
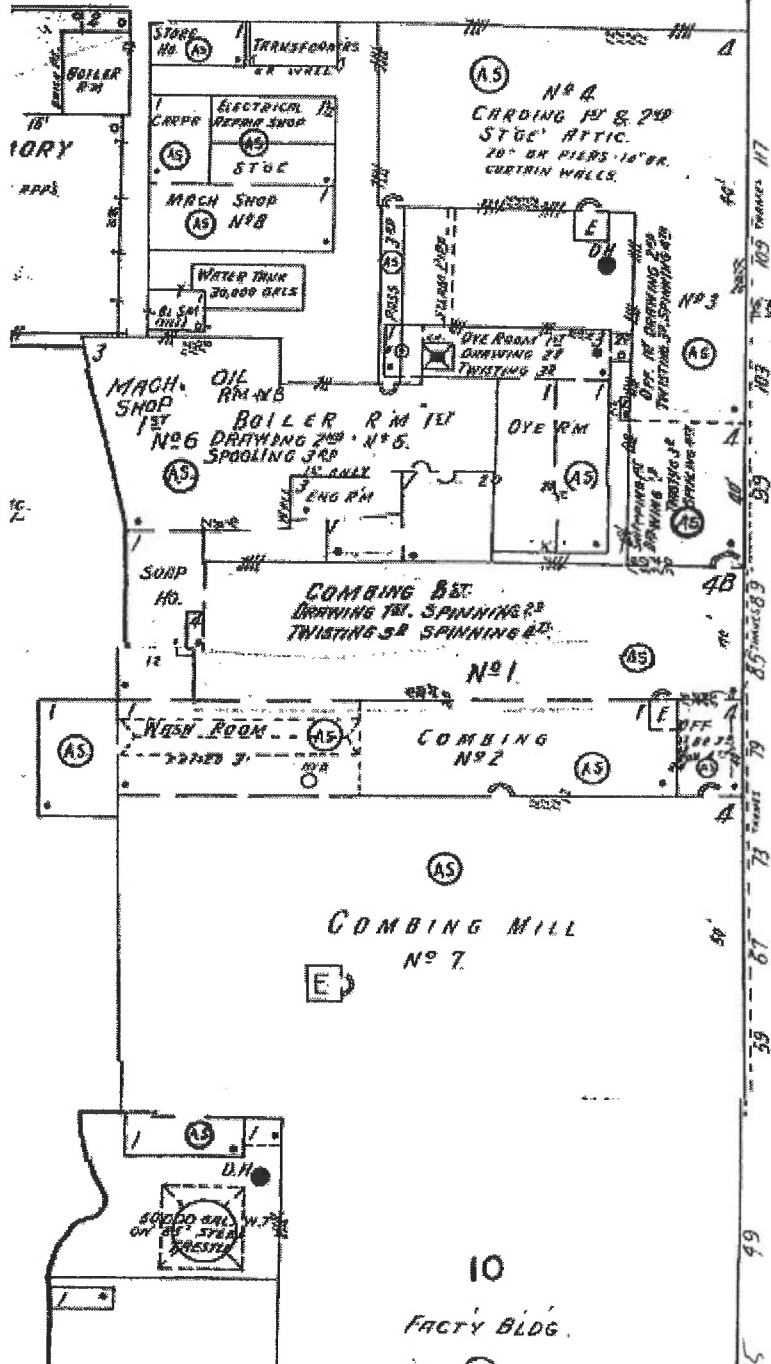
R.I. 501

9

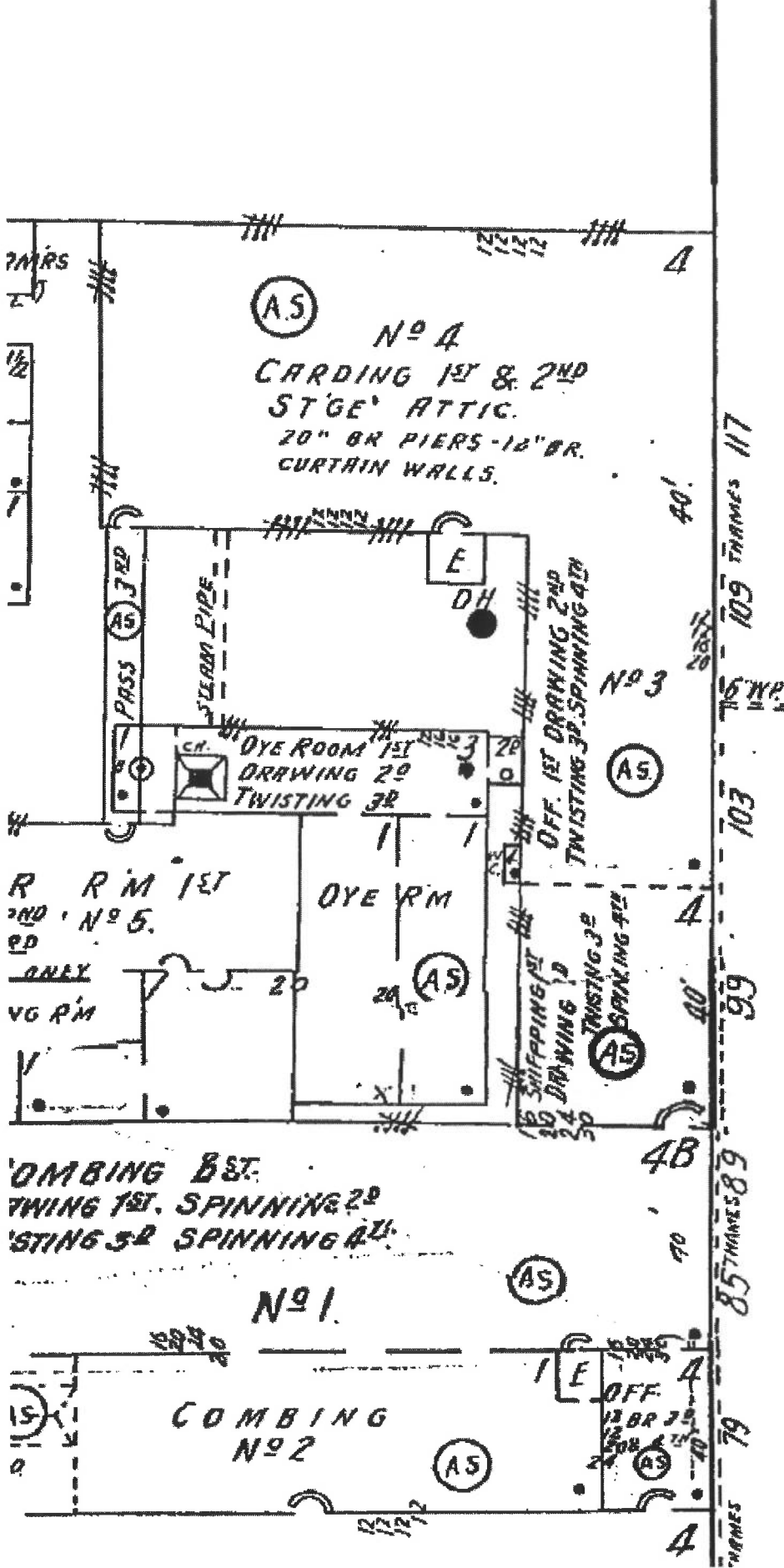
6" W. PIPE
4" W. PIPE

6" W. PIPE

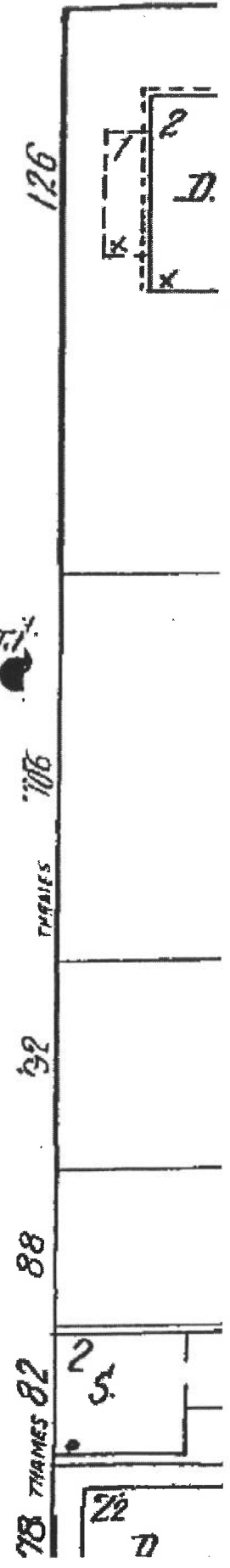
THAMES



1920-1921



50' 4" W. PIPE

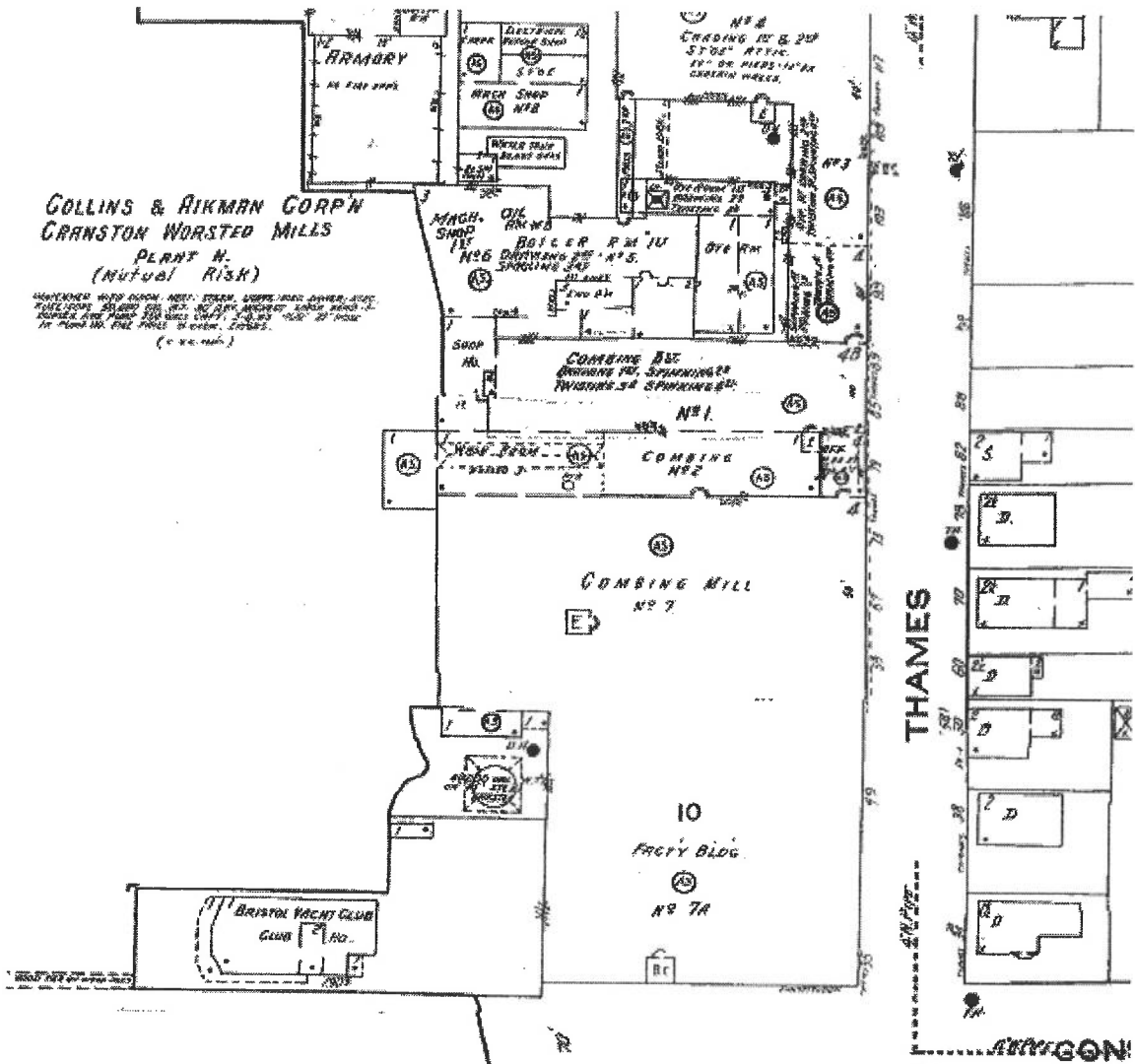


H a r b o r .

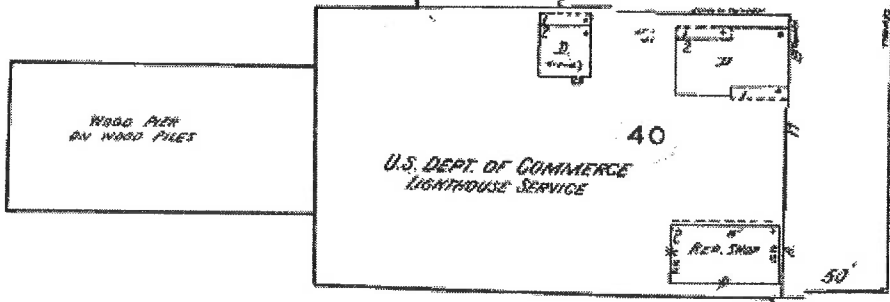
GOLLINS & RIKMAN CORPN
GRANSTON WORSTED MILLS
PLANT N.
(Mutual Risk)

MATERIALS WOOD SHEDS, REEF, STORES, SHEDS, MACH. DRYERS, LAUND.,
FUEL TANKS, 500 GALLON OIL TANK, 1000 GALLON TANKS, 2000 GALLON TANK,
COALERS, AND OTHERS WILL BE O.K. BY 1940. 1000' OF SPACE
IN FRONT OF ENDS SHALL BE OPEN, TOLLABLE.

(10 x 20 ft)



B r i s t o l



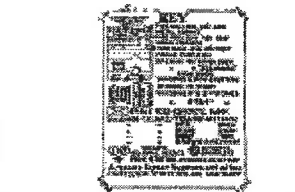
1920-1947



Sanborn Map Company
1899-1920

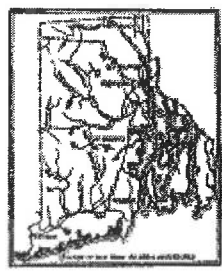
Population 11,159
Rhode Island, U.S.A.

Water Facilities
This map shows the water facilities of Bristol, Rhode Island, including the harbor, wharves, and various waterways. It also indicates the location of the water supply system and the sewage disposal system.



All information contained in this map, covering the United States territory in National Defense activities, is to be held as strictly confidential by our subscribers and readers in any public interests. The U. S. Government has no responsibility for the use of this information in any way other than that intended by the Government.

CORRECTION RECORD table with columns for Name, Address, and other details.



Map and title block of the index.

ADDL INDEX, JUNE, 1943

INDEX

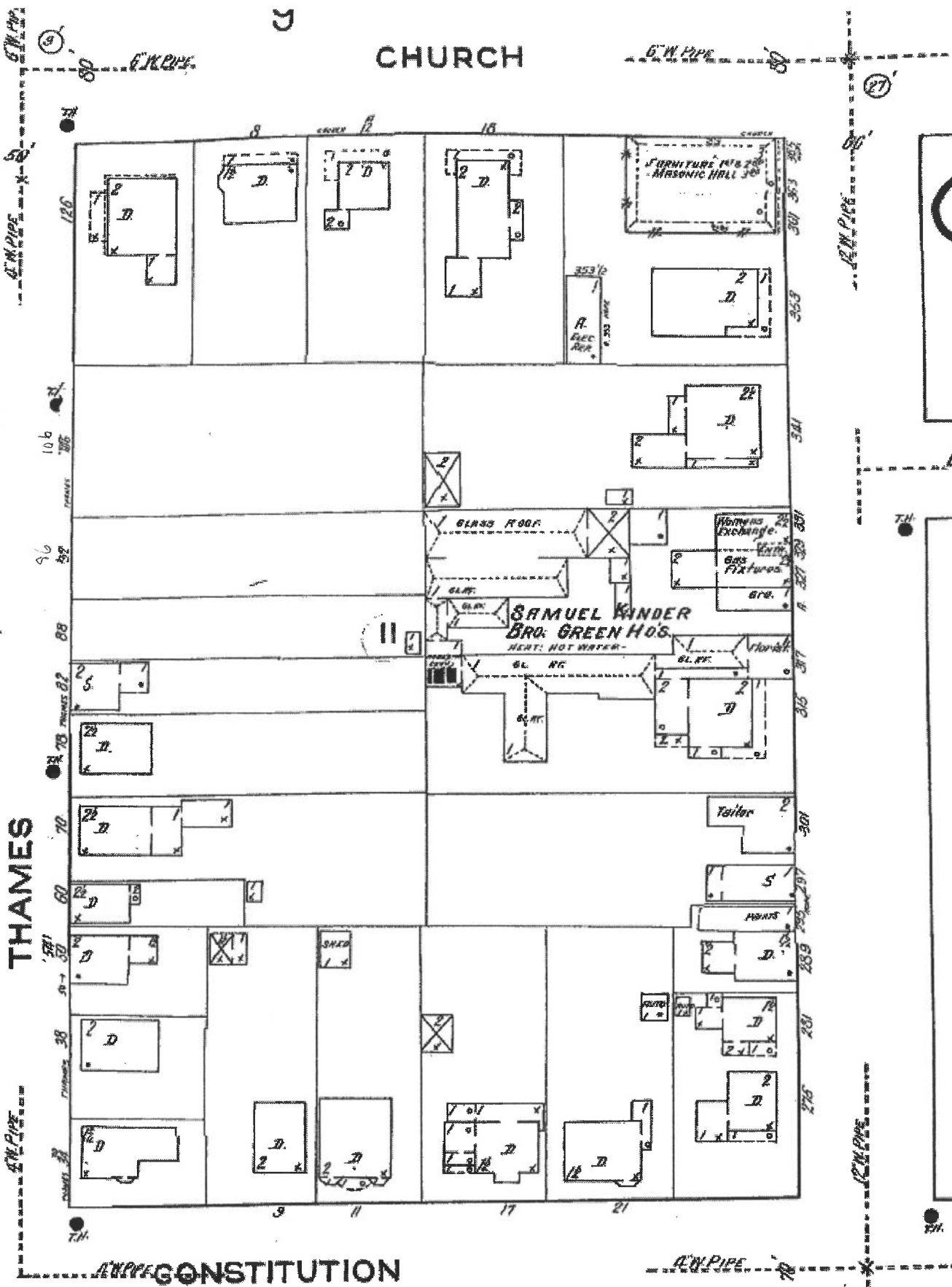
Main index table listing streets and their corresponding page numbers. Columns include street names and page numbers.

STREETS table listing streets and their corresponding page numbers.

SPECIALS table listing special locations and their corresponding page numbers.

* Indicated only near title of street sheet.

CHURCH



2	4	8	10	12	16	20
1/2	1/2	1/2	1/2	1/2	1/2	1/2
1/2	1/2	1/2	1/2	1/2	1/2	1/2

1920-1947

52

PUBLIC PARK

N.I. 801

9

CHURCH

12

JAN. 1920
BRISTOL
RI.

1920
1947

10

CONSTITUTION

HOPE ST.

15

FLEETWAY

**COLLINS & RICHARD CORP
CRANSTON HORSTED MILLS
PLANT N
(Incorporated 1920)**

INDUSTRIAL PLANT WHICH PRODUCES SHEETS OF PAPER. THIS PLANT IS THE PROPERTY OF COLLINS & RICHARD CORP. AND IS LOCATED ON THE EAST SIDE OF HOPE STREET, CRANSTON, R. I. IT IS THE ONLY PLANT OF THIS KIND IN THE STATE OF R. I. (See map.)

CONCORD MILLS
NO. 1

FACTS PLANT
NO. 2

Water Pipe
BY STATE PLANT

U.S. DEPT. OF COMMERCE
LABORATORY SERVICE

40

41

SMITH

42

UNION

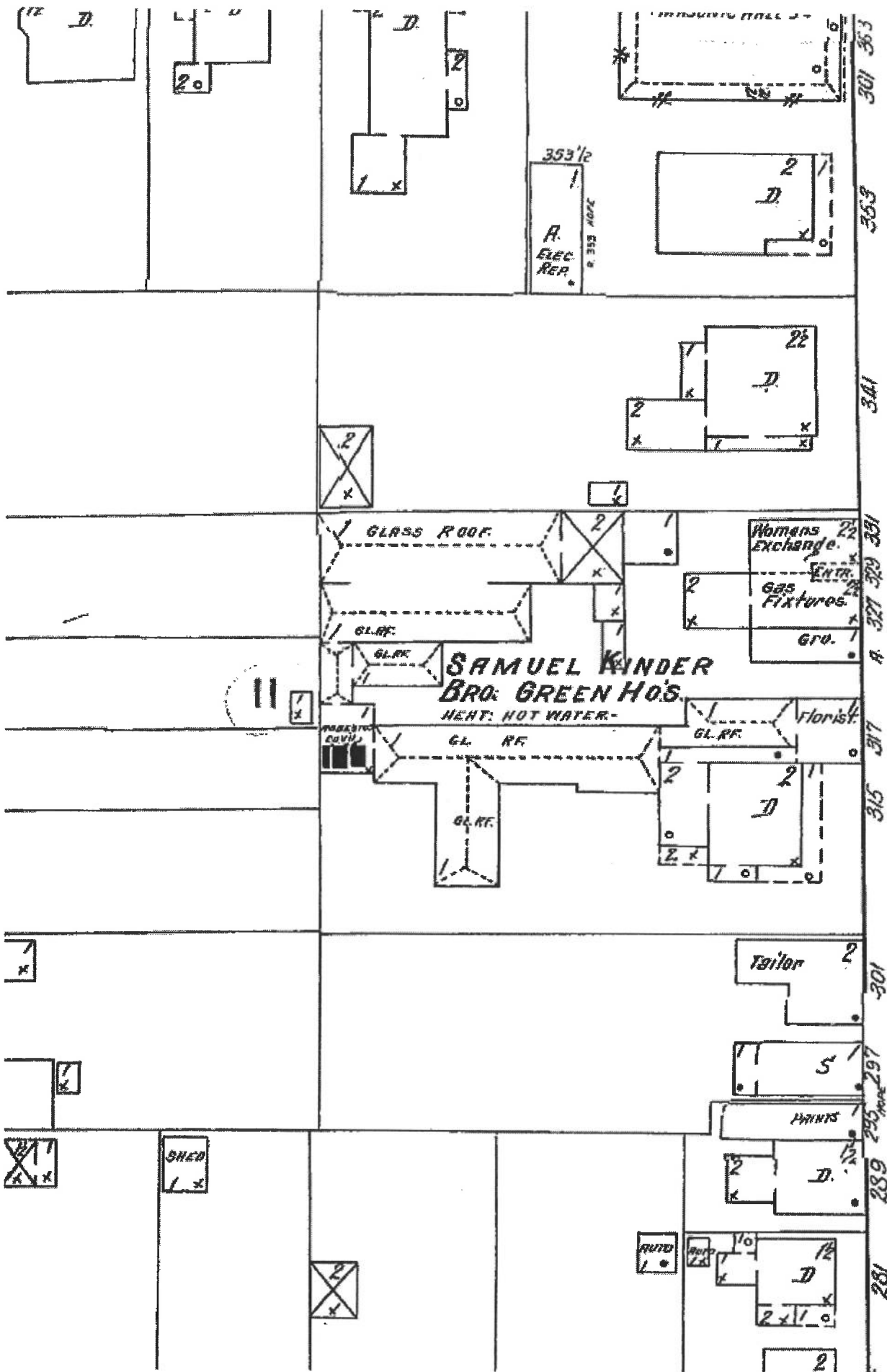
15



Scale of Feet



1920 -> 1947



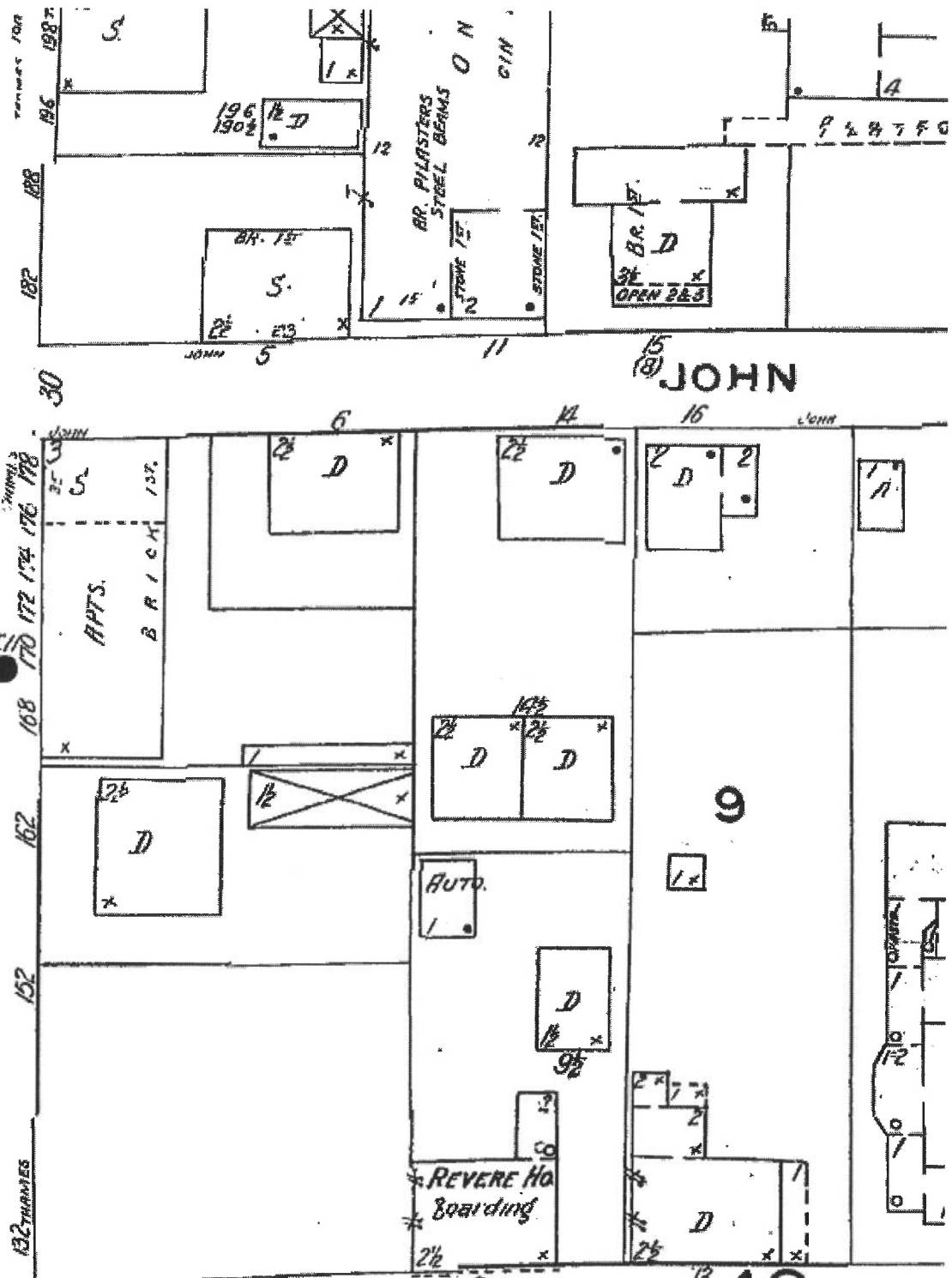
12" W. PIPE

|||||



6" W.P. 10" W.P.

6" W.P.I.P.E.



JOHN

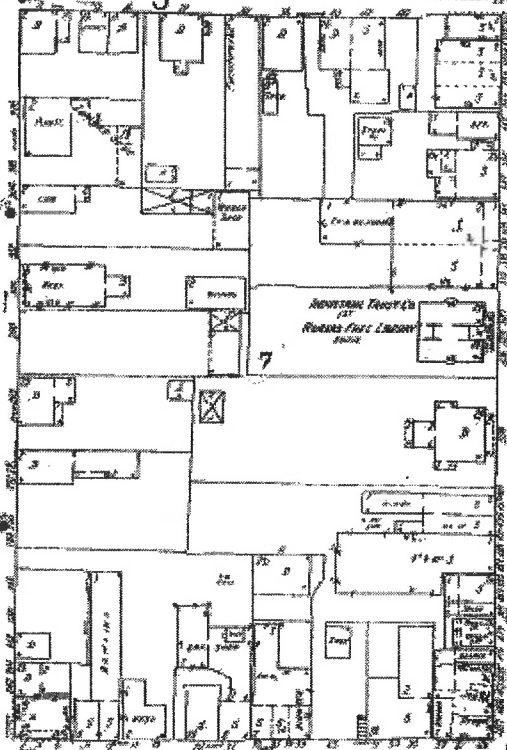
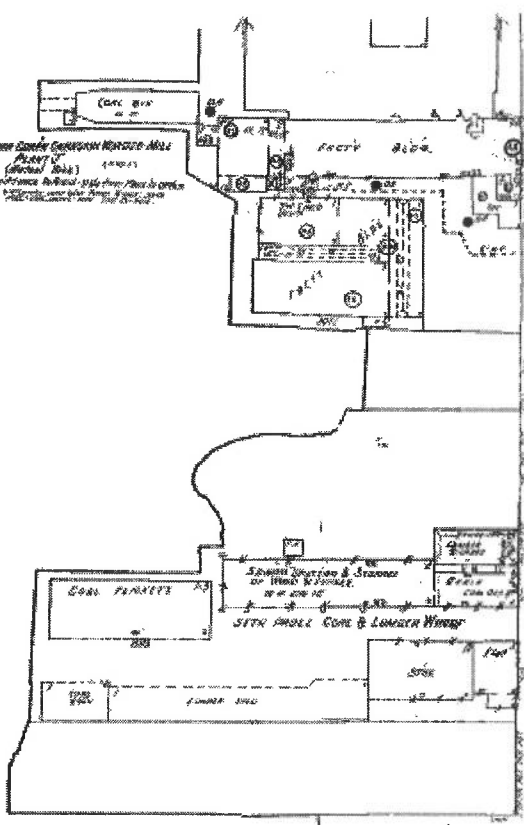
CHURCH 12

LIND N. RICHMOND SOUTH CAROLINA REGISTERED ARCHITECT
 (License No. 1480-15)
 117 Exchange Building, 116 Pine Street, New York
 Telephone No. 2-1234

D.E.I. 501

BRADFORD

JAN. 1920
BRISTOL
 R.I.

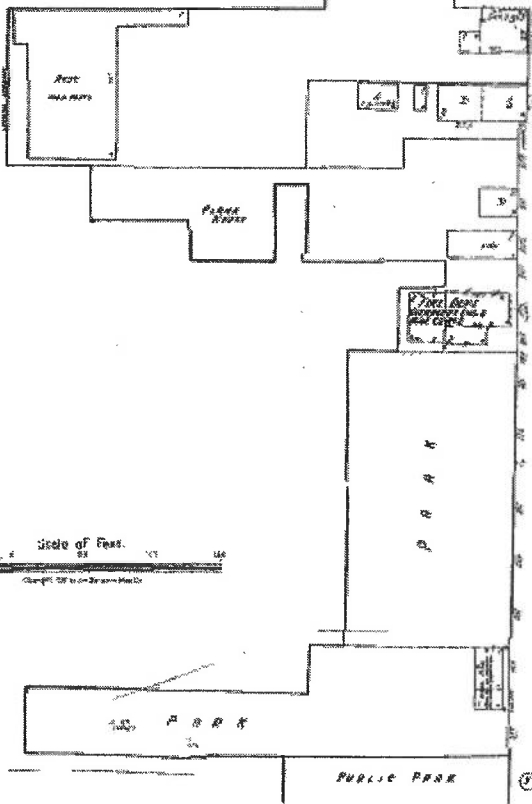


WATERVILLE ST.

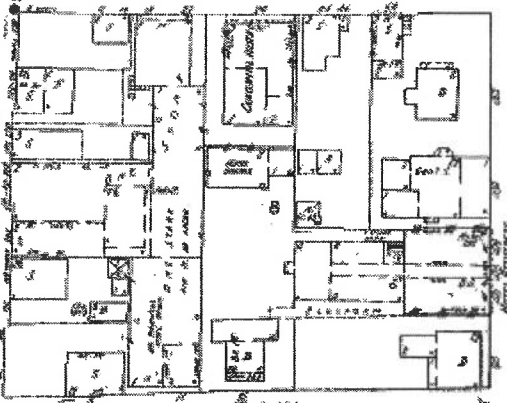
6



STATE



THAMES



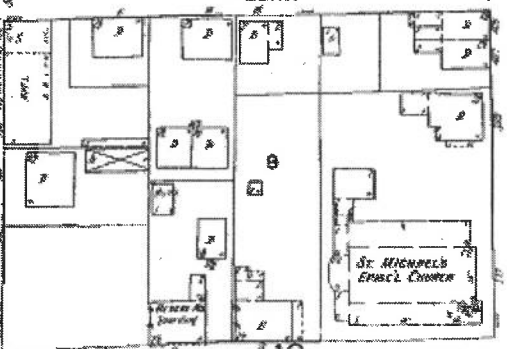
HOPE

Water Street

10

COURT ST.

JOHN



CHURCH 12



1920-1947

6

STATE

THAMES

JOHN

CHURCH 12

P A R K

PUBLIC PARK

FIRE DEPT
EVERHART ENG. &
HOSE CO. NO. 2

COLONIAL HOTEL

HOTEL GARAGE

8

9

ST. EP.

G.W.P. G.N.P.

G.W.P. G.N.P.

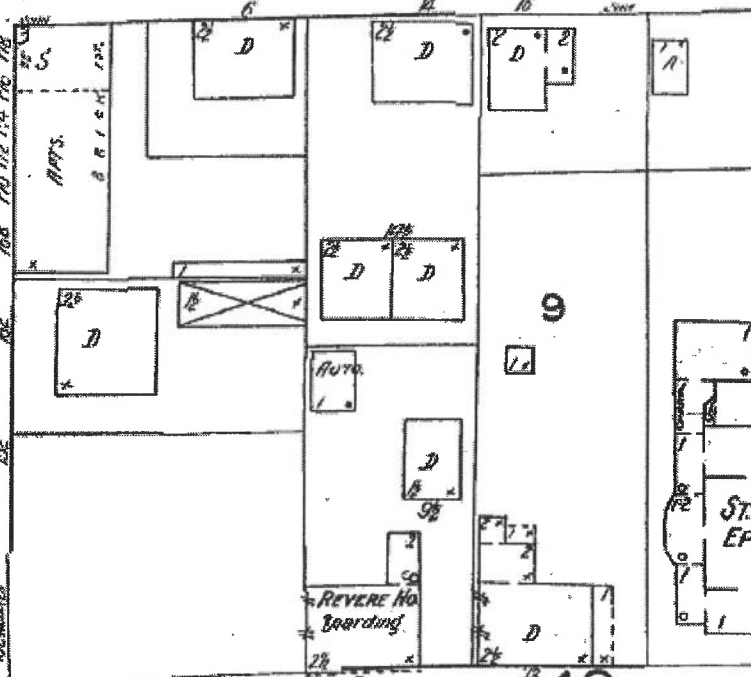
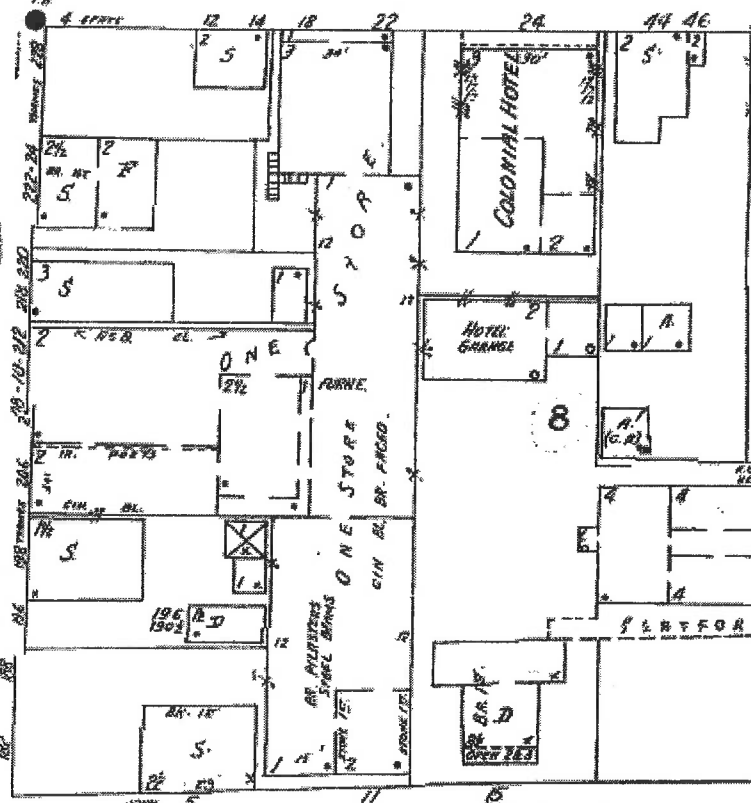
G.W.P. G.N.P.

50

30

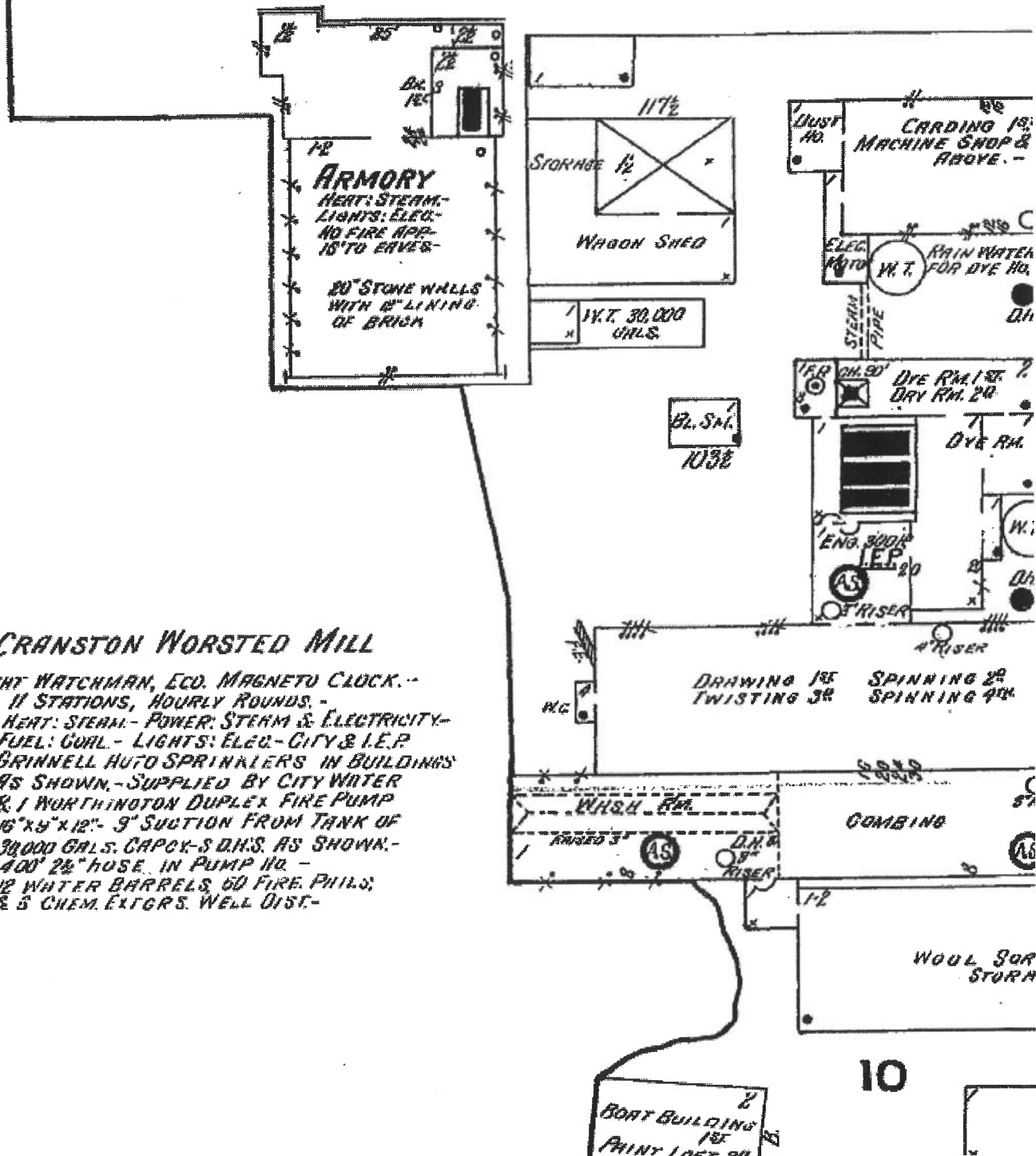
10

15



920-1247

PUBLIC PARK

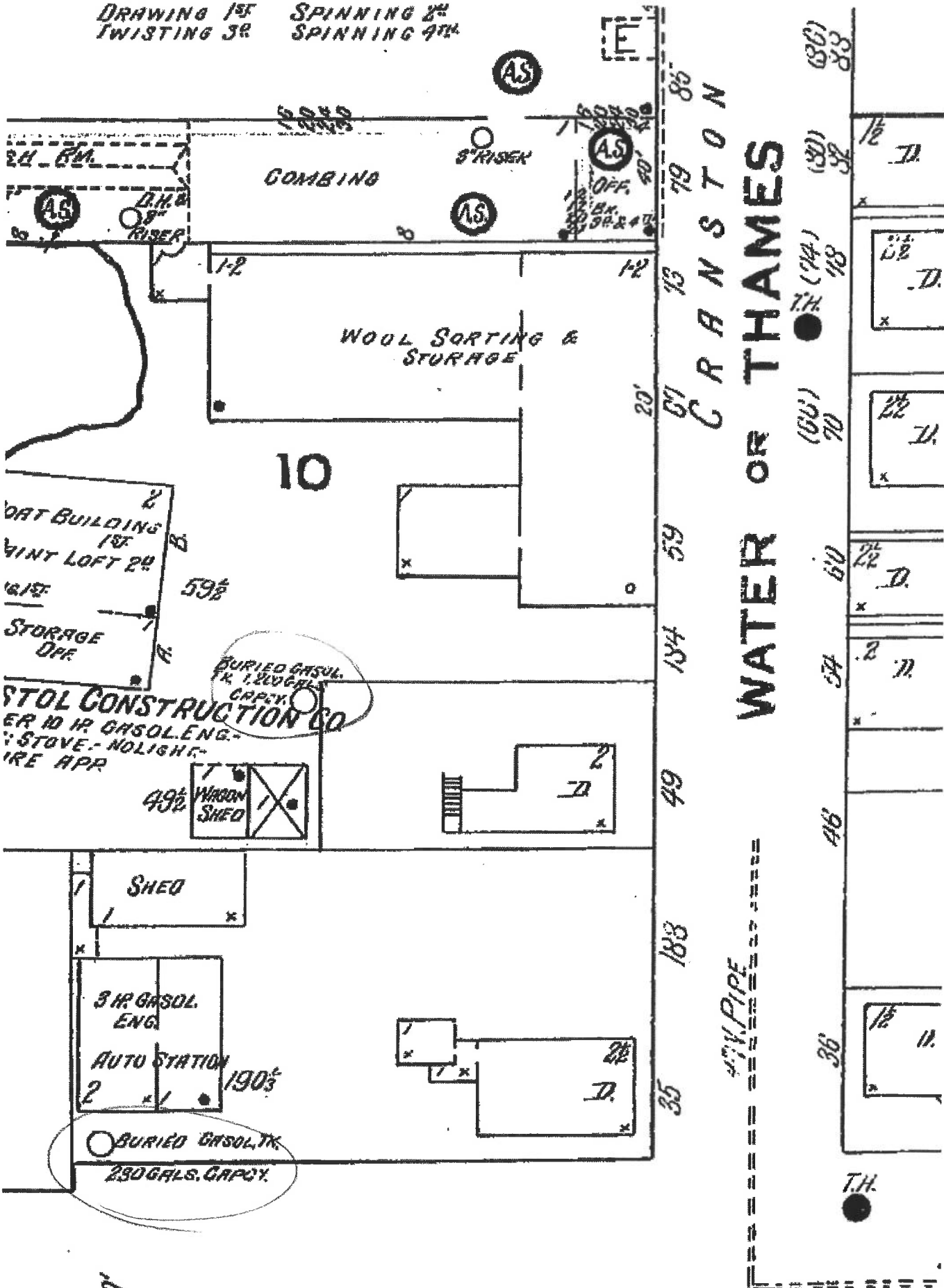


CRANSTON WORSTED MILL

1 NIGHT WATCHMAN, E.C.D. MAGNETO CLOCK. -
 11 STATIONS, HOURLY ROUNDS. -
 HEAT: STEAM. - POWER: STEAM & ELECTRICITY. -
 FUEL: COAL. - LIGHTS: ELEC. - CITY & I.E.P.
 GRINNELL AUTO SPRINKLERS IN BUILDINGS
 AS SHOWN. - SUPPLIED BY CITY WATER
 & 1 WORTHINGTON DUPLEX FIRE PUMP
 16" x 14" x 12" - 9" SUCTION FROM TANK OF
 30,000 GAL. CAP. - 3 D.H.S. AS SHOWN. -
 400' 2 1/2" HOSE. IN PUMP HO. -
 12 WATER BARRELS, 60 FIRE PHOS.
 & 5 CHEM. EXTGRS. WELL DIST. -

10

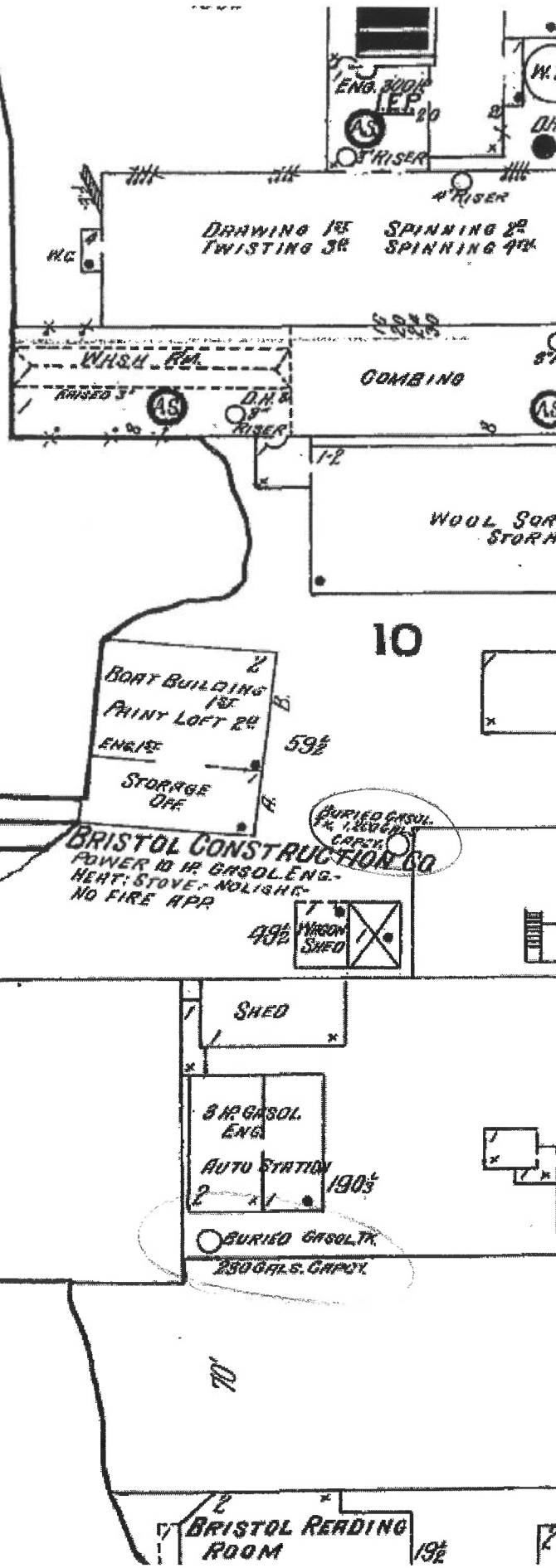
DRAWING 1ST SPINNING 2ND
 TWISTING 3^R SPINNING 4TH



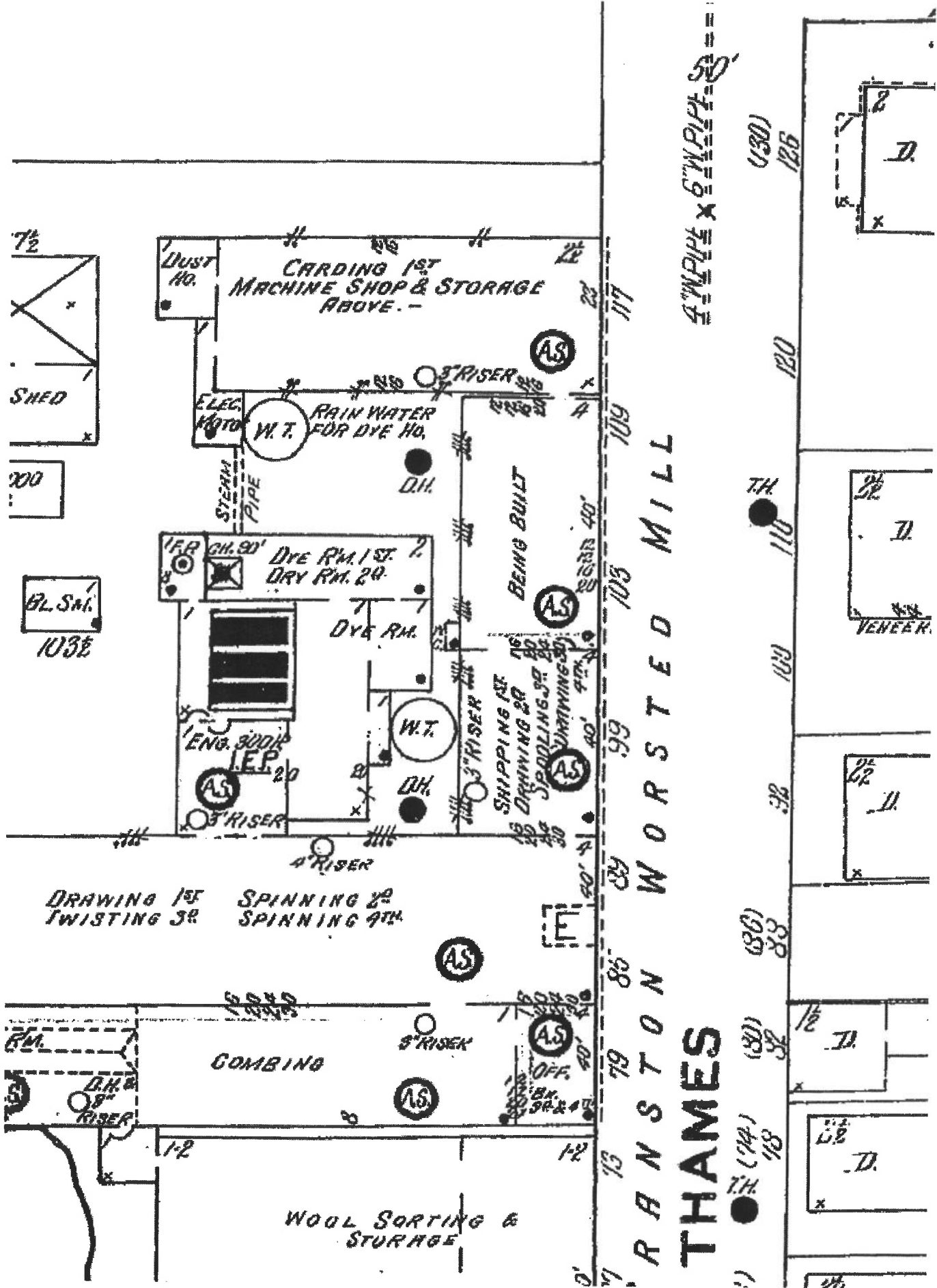
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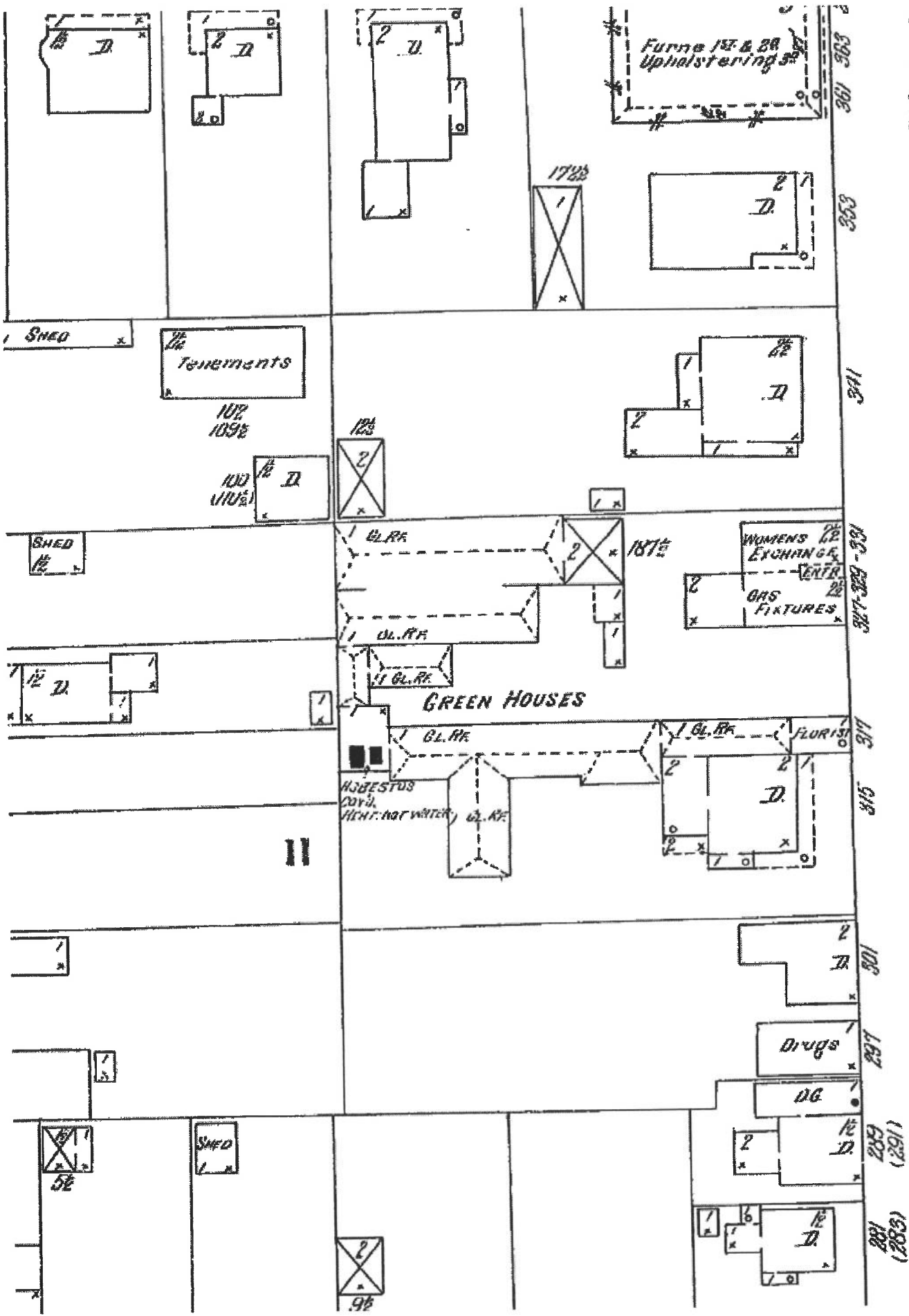
CRANSTON WORSTED MILL

1 NIGHT WATCHMAN, ECU. MAGNETU CLOCK. -
 11 STATIONS, HOURLY ROUNDS. -
 HEAT: STEAM. - POWER: STEAM & ELECTRICITY -
 FUEL: COAL - LIGHTS: ELEC. - CITY & I.E.P.
 GRINNELL AUTO SPRINKLERS IN BUILDINGS
 AS SHOWN. - SUPPLIED BY CITY WATER
 & 1 WORTHINGTON DUPLEX FIRE PUMP
 16" X 14" X 12". 9" SUCTION FROM TANK OF
 30,000 GALS. CAPCK-S D.H.S. AS SHOWN. -
 400' 2 1/2" HOSE. IN PUMP NO. -
 12 WATER BARRELS, 60 FIRE PHIDS;
 & 5 CHEM. EXTGRS. WELL DIST. -



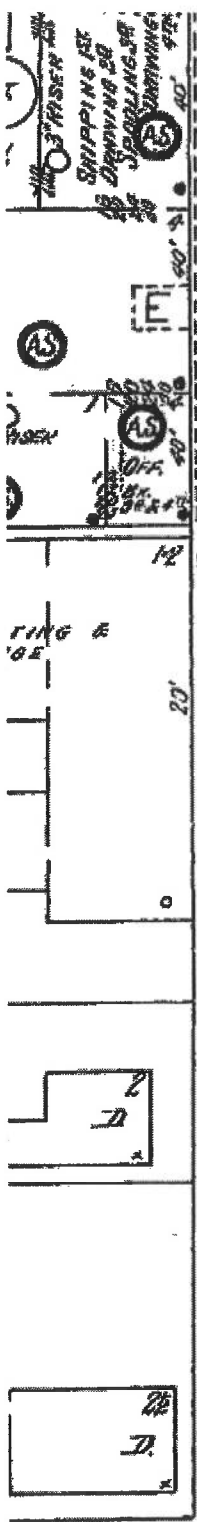
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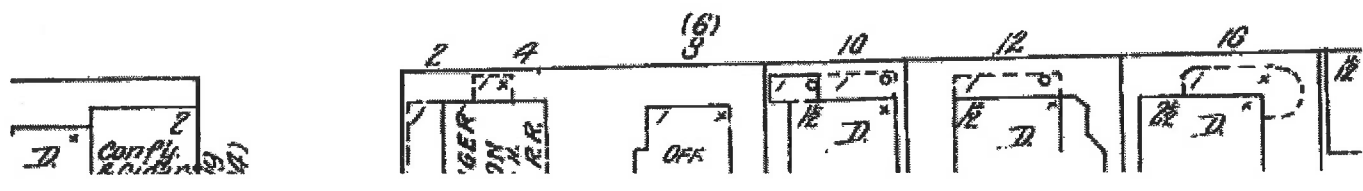
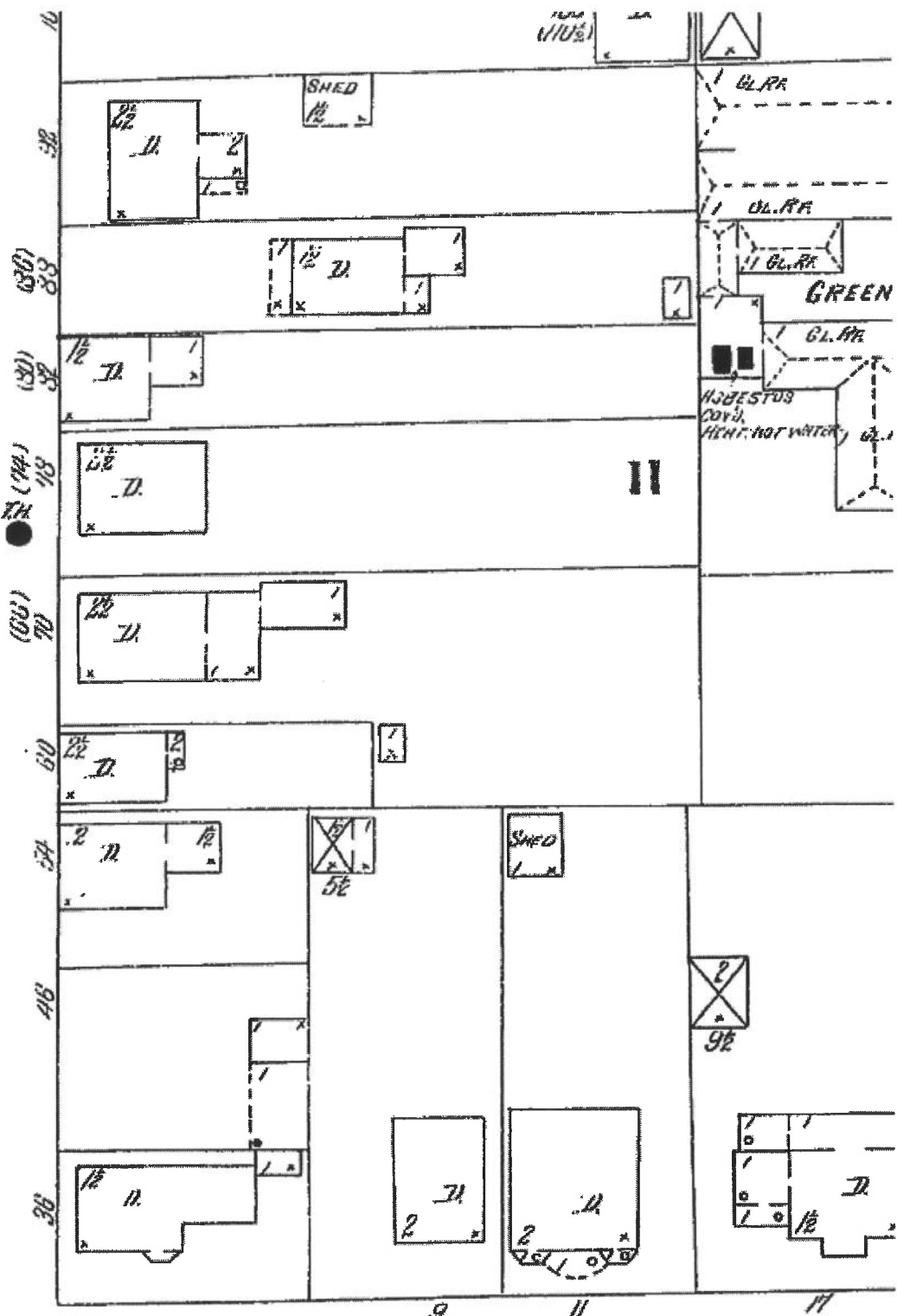
12" W PIPE

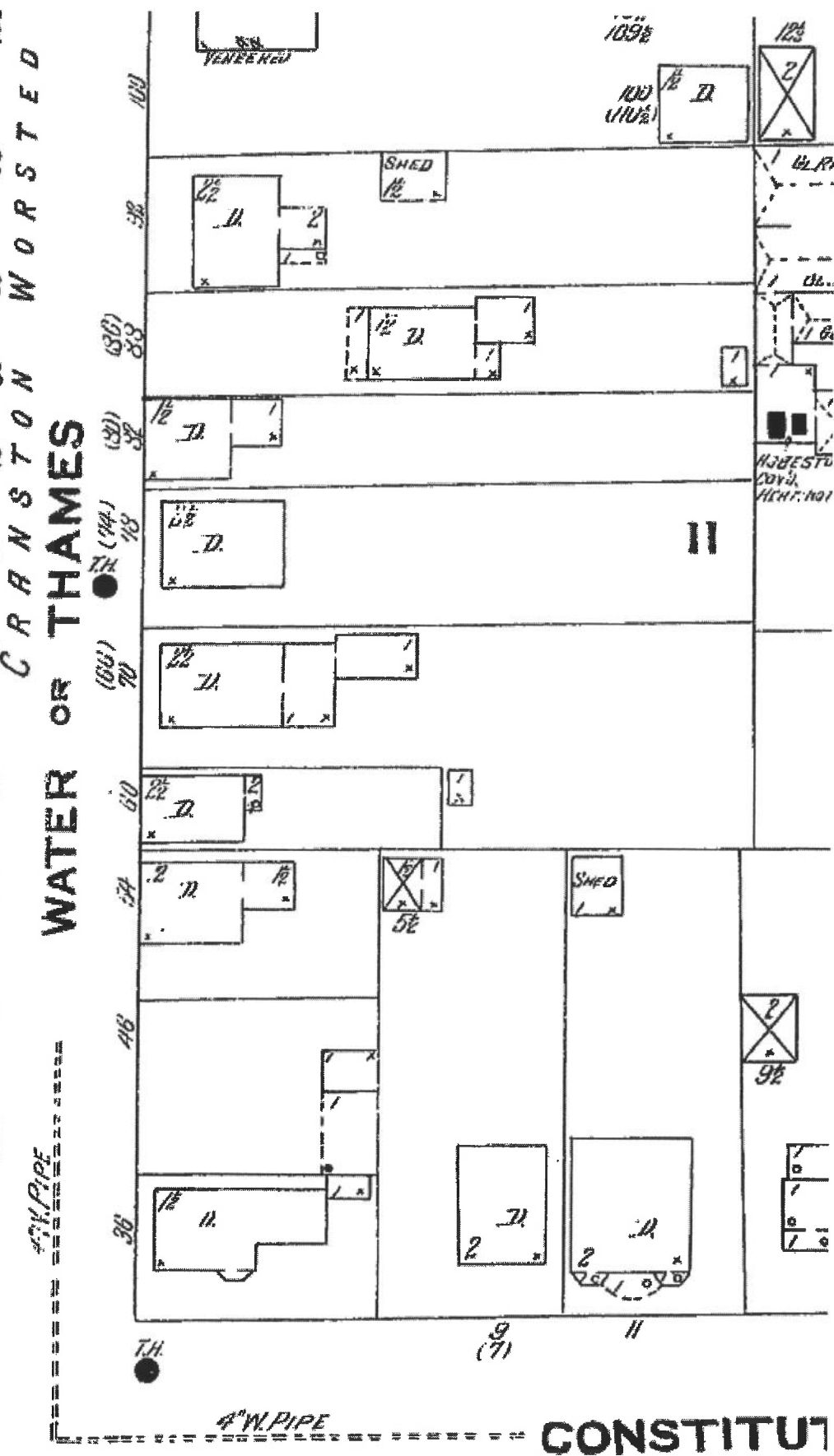
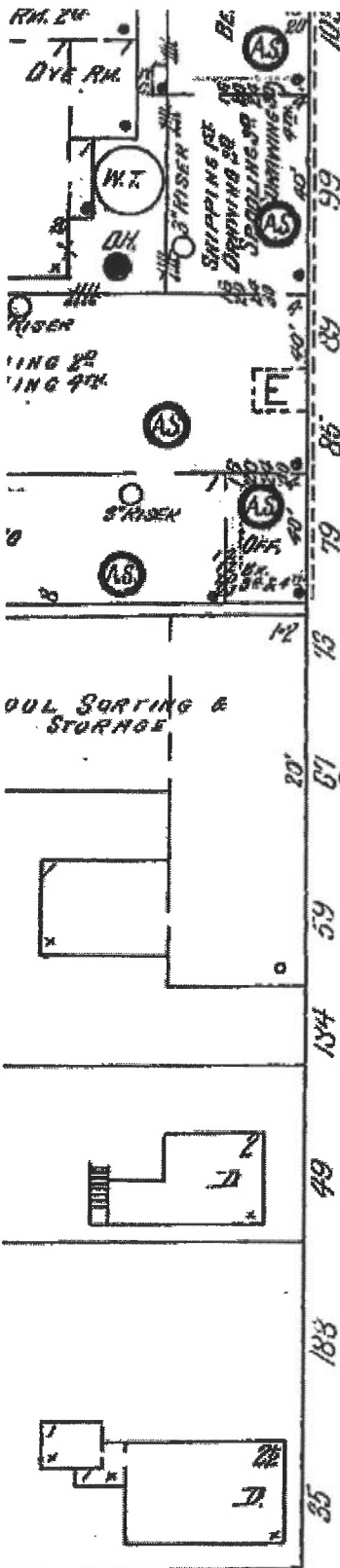
1911



CRANSTON WORSTE
 WATER OF THAMES

4" W. PIPE





4" W. PIPE

4" W. PIPE

CONSTITUT



1911

9

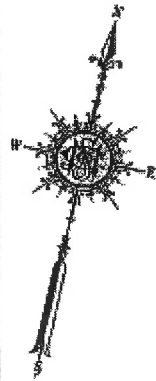
CHURCH

12

APR. 1911
BRISTOL
R.I.

BYFIELD ST.

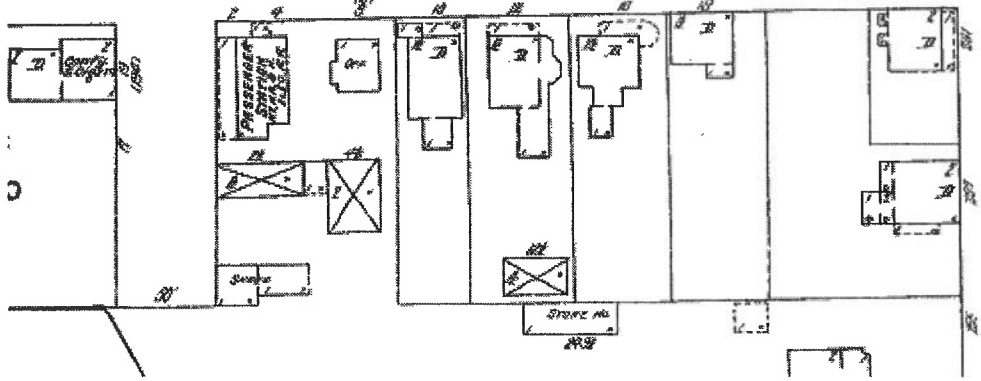
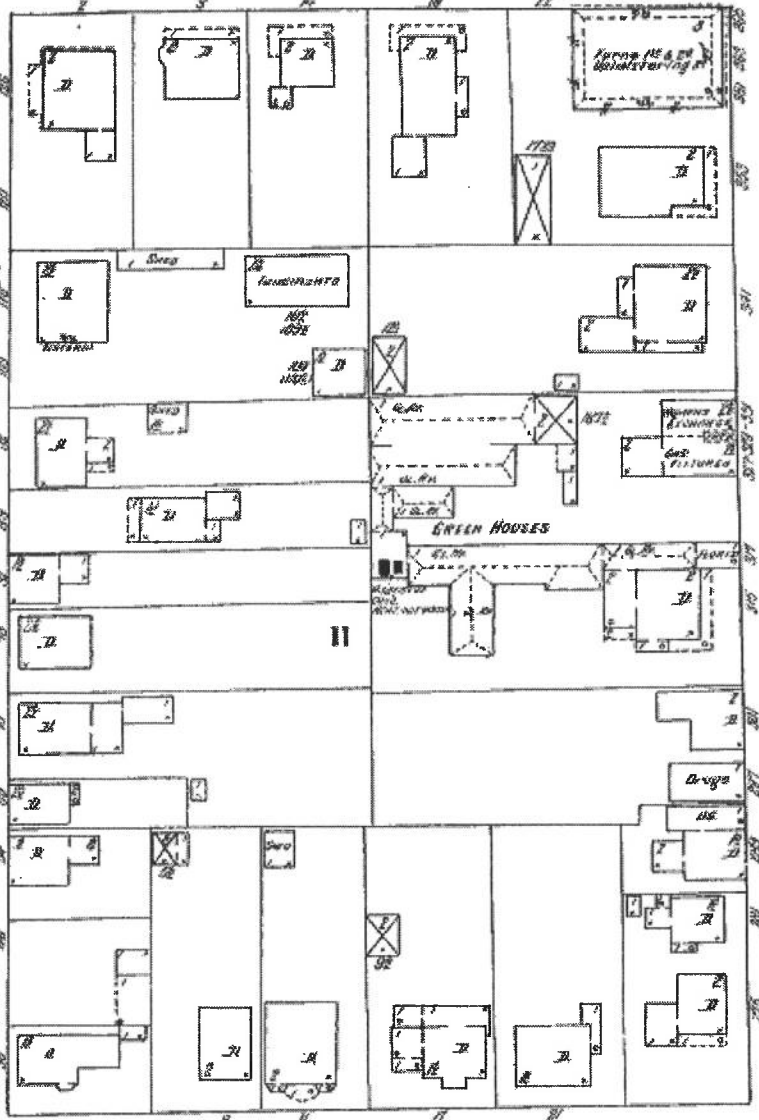
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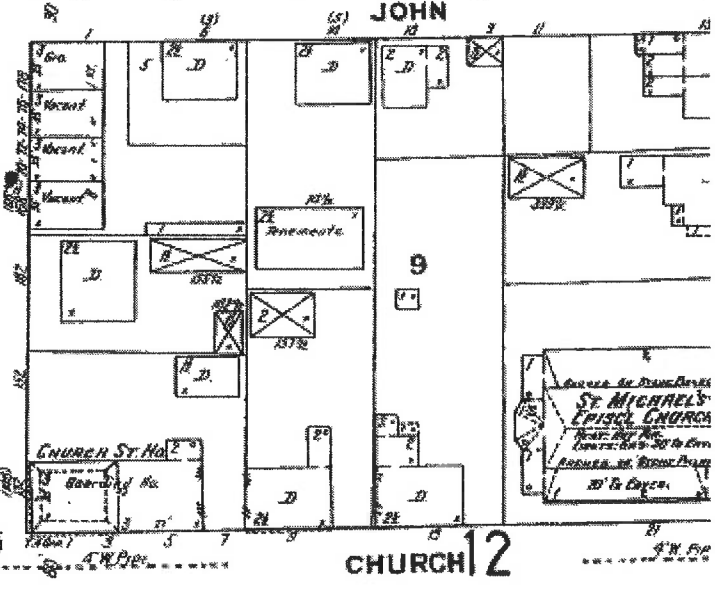
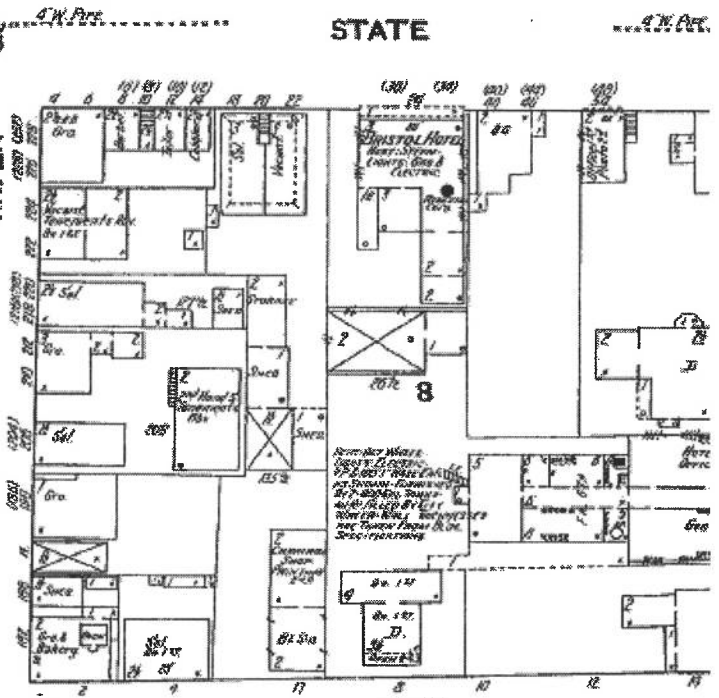
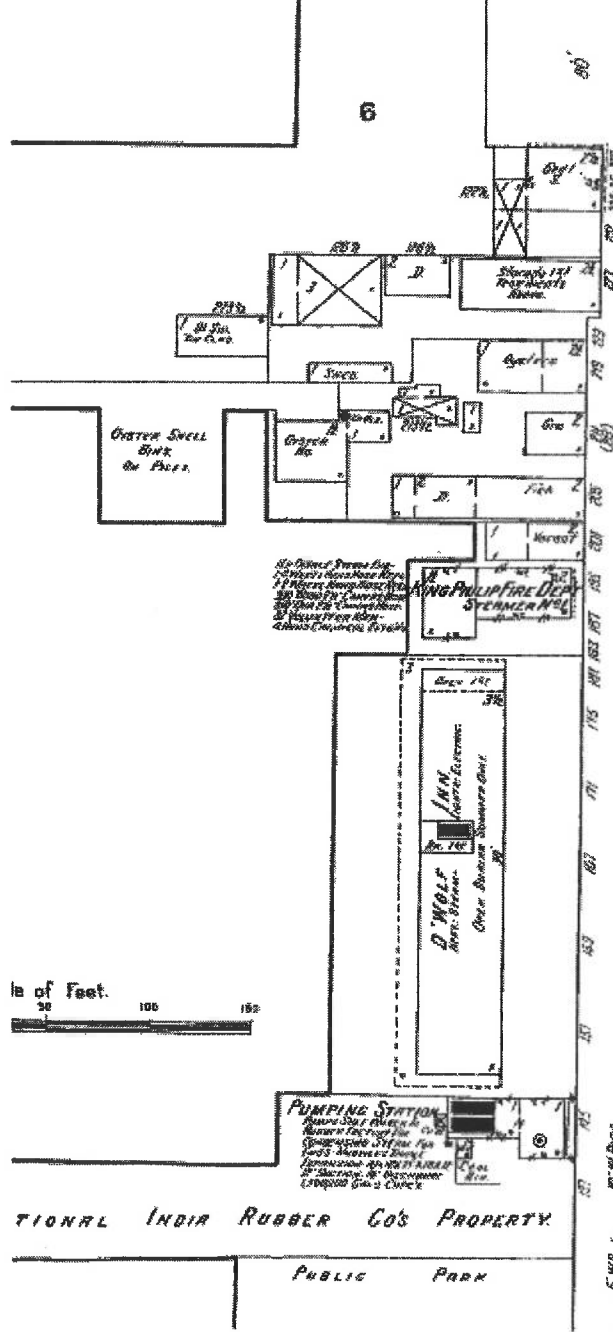
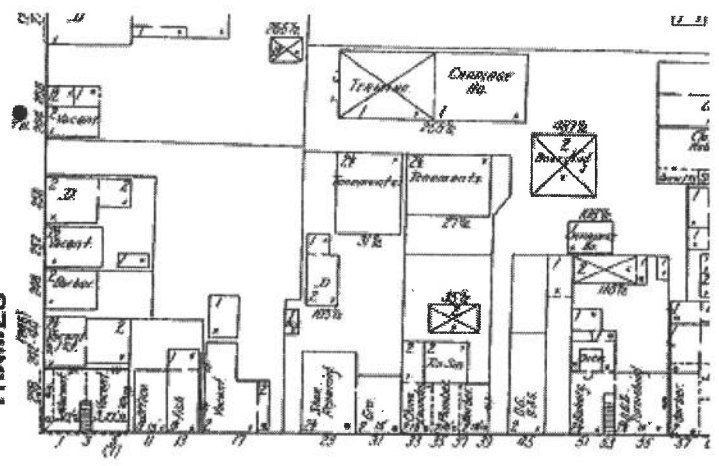
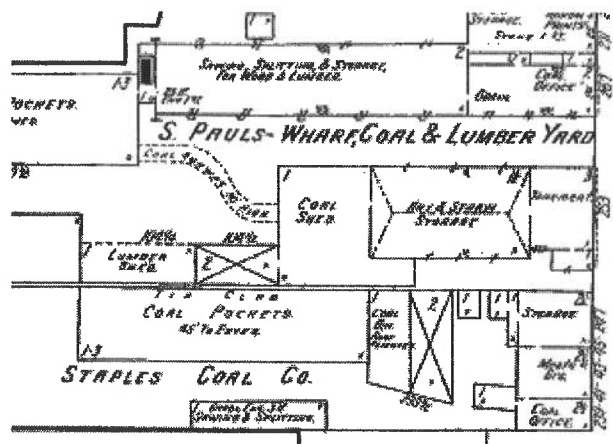


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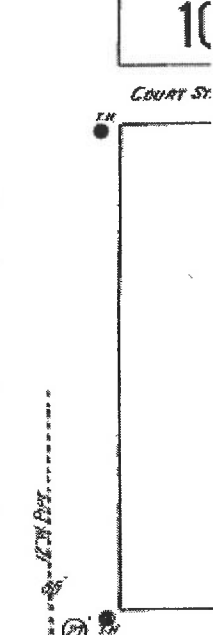
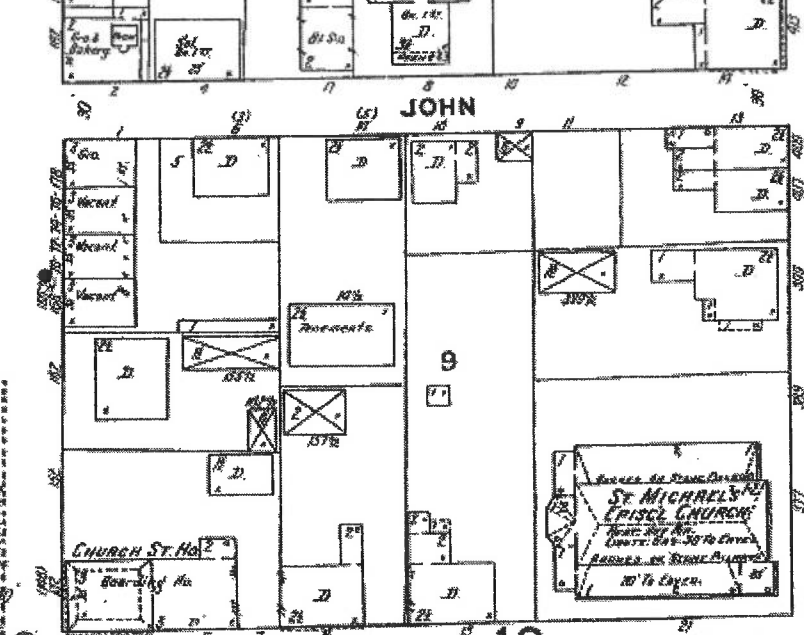
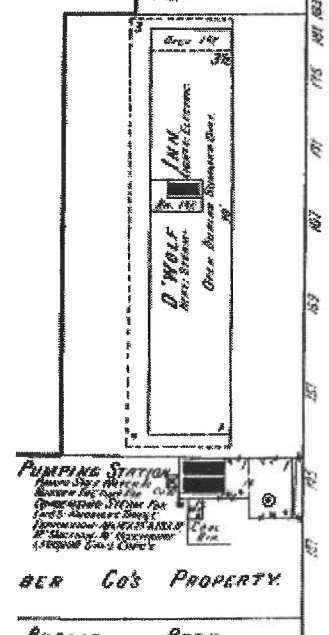
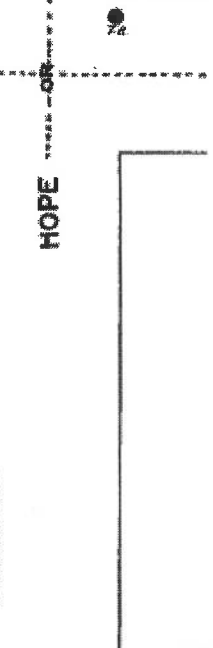
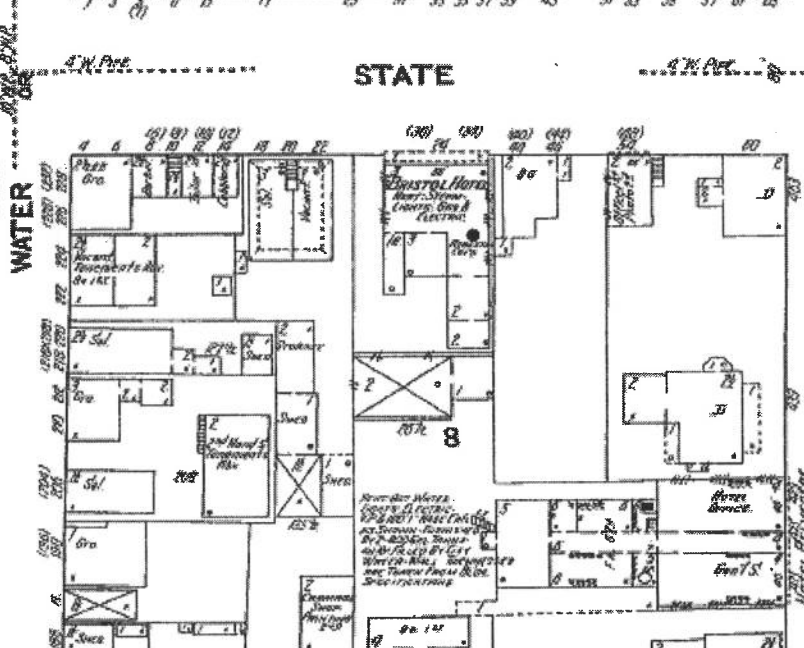
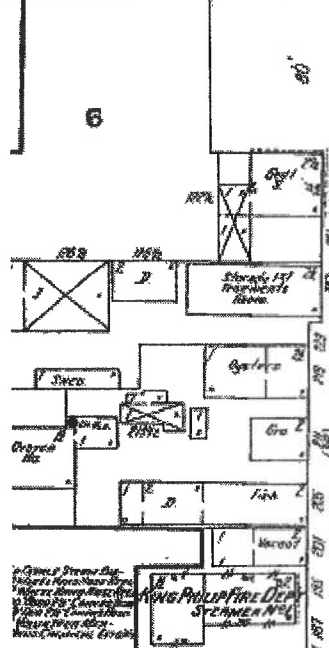
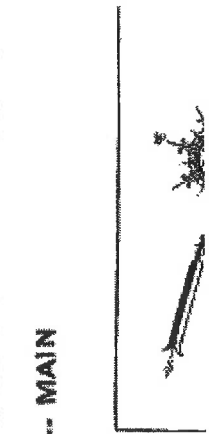
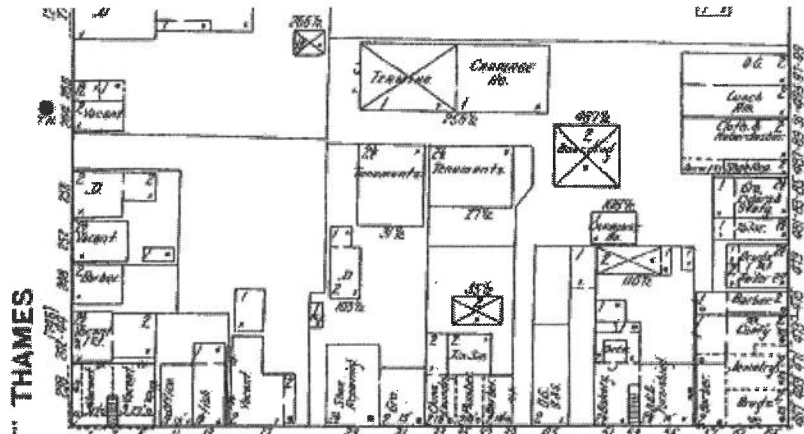
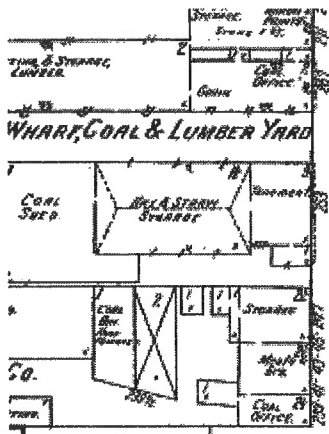
CONSTITUTION

WATER OR THAMES
CARRINGTON WORSTED MILL





1911





Scale of Feet.

50

100

150



1 1/2 PRINCE STEAM ENG.
1 1/2 WHEEL HAND HOSE REEL
1 1/2 WHEEL HAND HOSE REEL
300' GOOD 2 1/2" CANVAS HOSE
250' FAIR 2 1/2" CANVAS HOSE
32 VOLUNTEER MEN
4 HAND CHEMICAL EXTGR'S

KING PHILIP FIRE DEPT
STEAMER NO. 1

Vacant

OPEN 1ST

3 1/2

INN
LIGHTS: ELECTRIC

BR. 19C

D'WOLF
HEAT: STEAM

OPEN DURING SUMMER ONLY

30

PUMPING STATION

PUMPS SOFT WATER TO
RUBBER FACTORY FOR
CONDENSING STEAM FOR
TINS - KNOWLES TRIPLE
EXPANSION 10" 16" 25" X 18" X 12"
12" SUCTION TO DISCHARGE
1,500,000 GALS CAP'Y.

COIL
BIN

197 175 167 161 153 147 141 135 129 123 117 111 105 99 93 87 81 75 69 63 57 51 45 39 33 27 21 15 9 3

NATIONAL INDIA RUBBER CO'S PROPERTY.

PUBLIC PARK

10" W.P.P.F.

CHURCH STREET

9

1911

B R I S T O L

APR 23 1911
BRISTOL
R.I.

1911

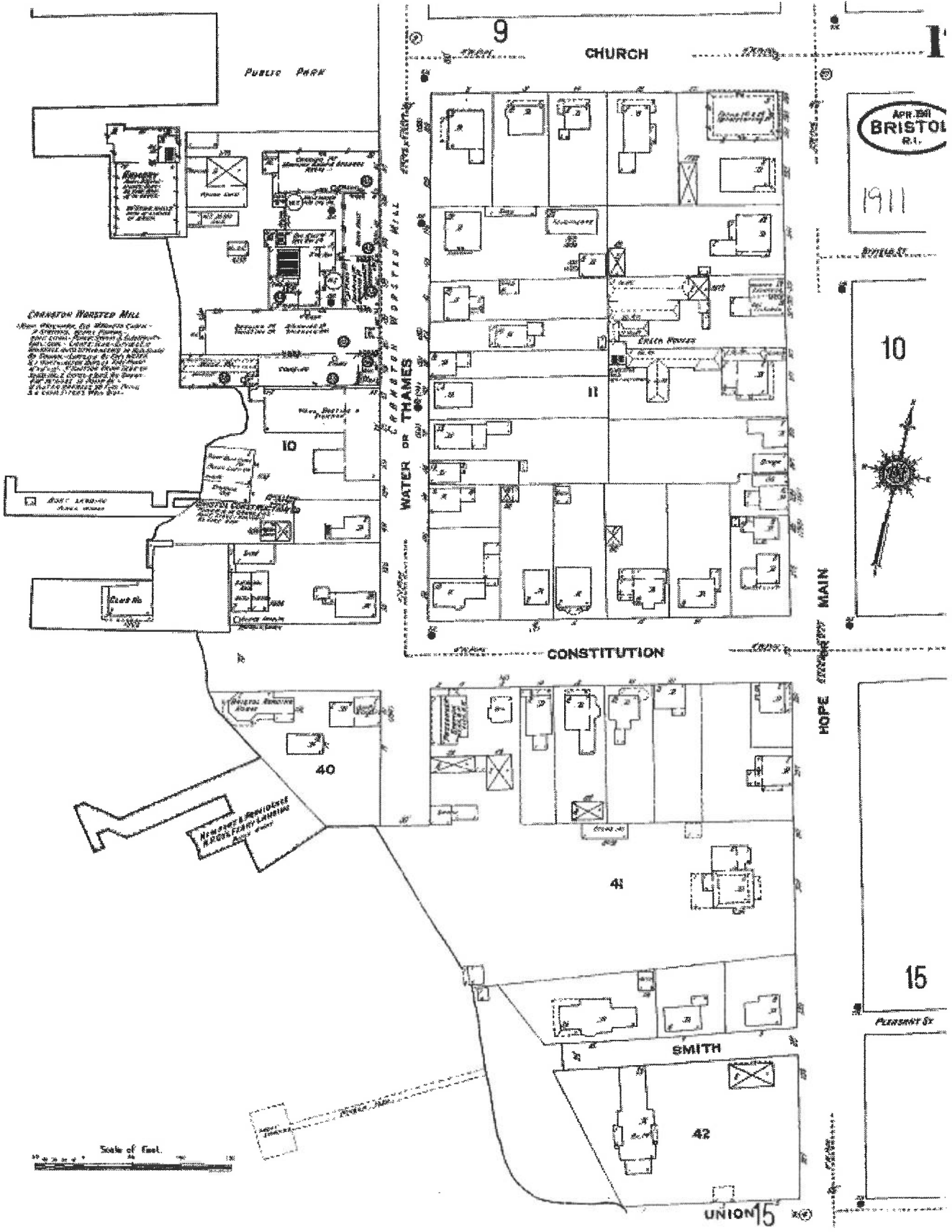
10



15

Pleasant St

UNION 15



CHARSTON HORSTED MILL
This structure, by Horsted's design, is a fine example of the mill architecture of the early 19th century. It is a two-story building with a gabled roof and a central chimney. The mill is situated on the Water of Thames and is a landmark of the area.

NEWBERRY'S REVOLVING & ROLLERY LAMINATING
This building is a large, two-story structure with a prominent chimney. It is located on the Water of Thames and is a landmark of the area.

WATER OF THAMES

CHURCH

CONSTITUTION

HOPE STREET MAIN

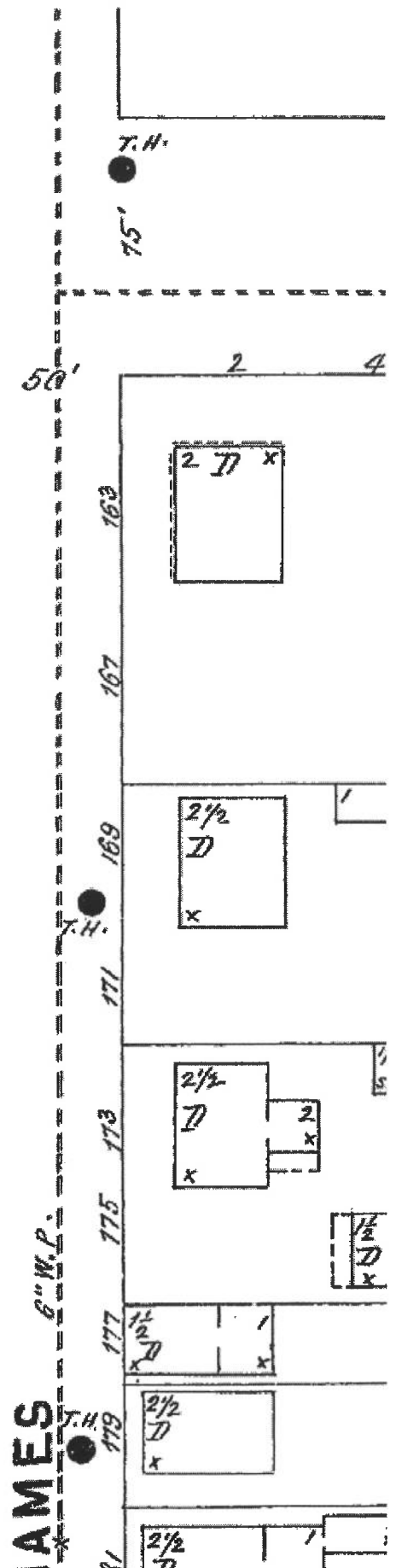
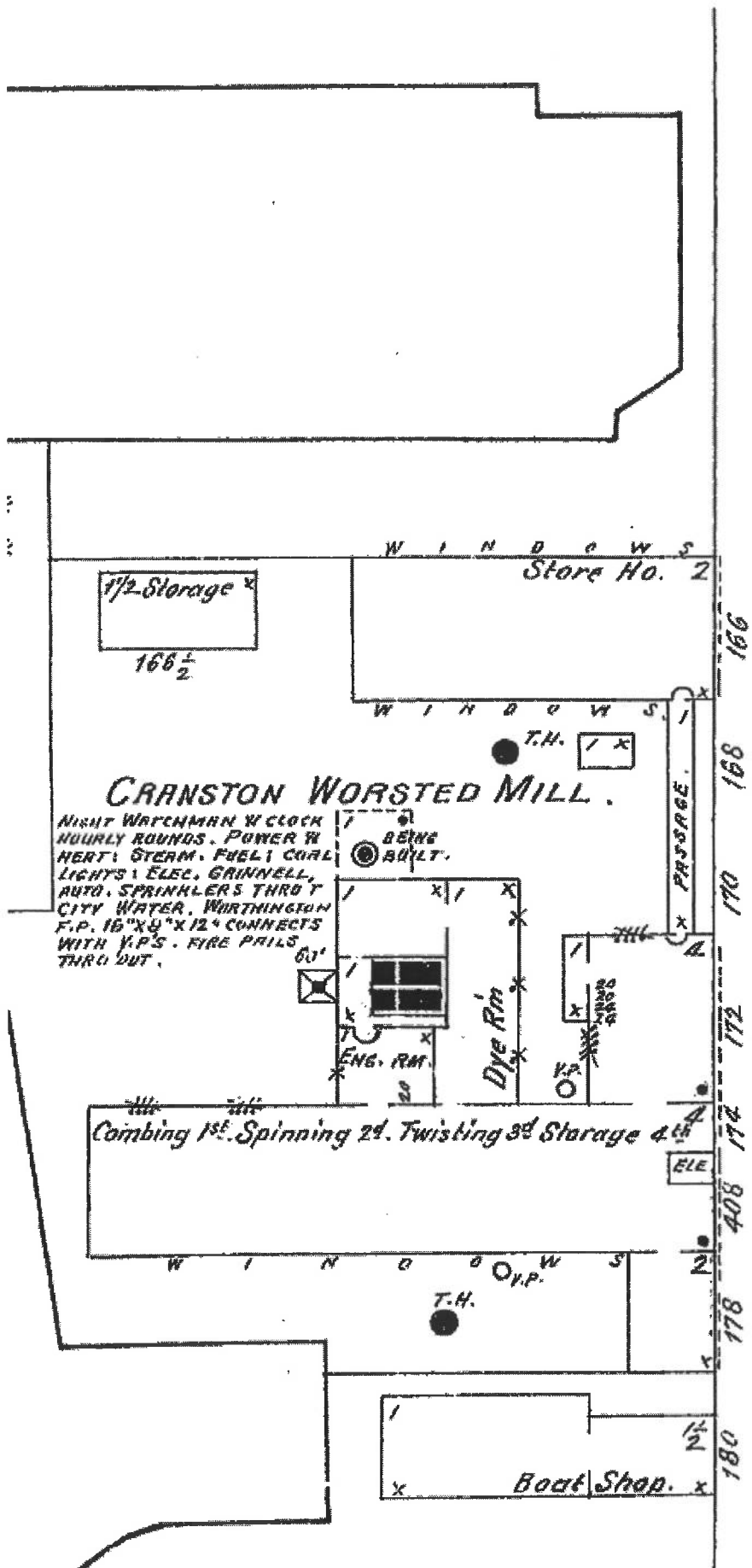
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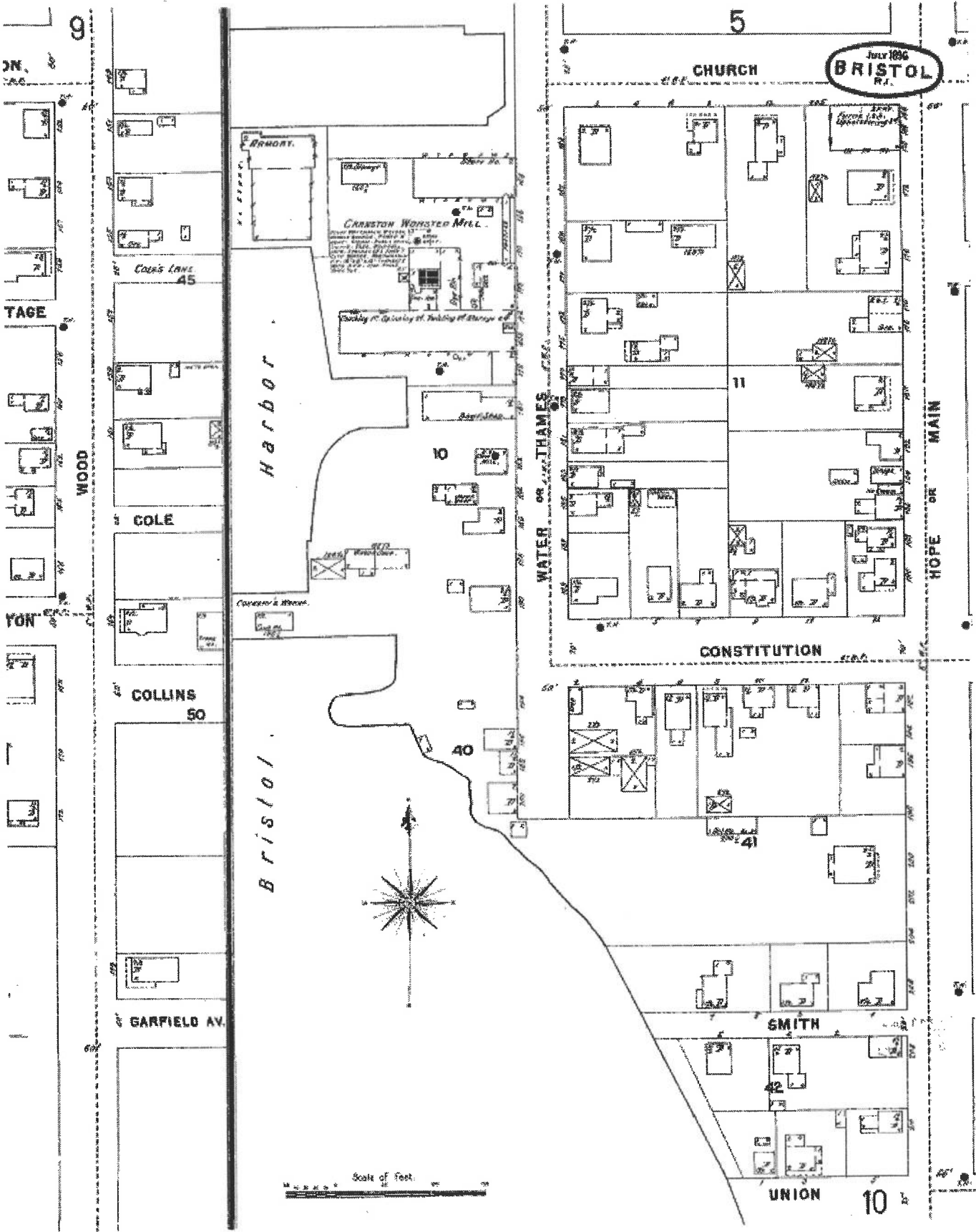
PUBLIC PARK

CHARSTON HORSTED MILL

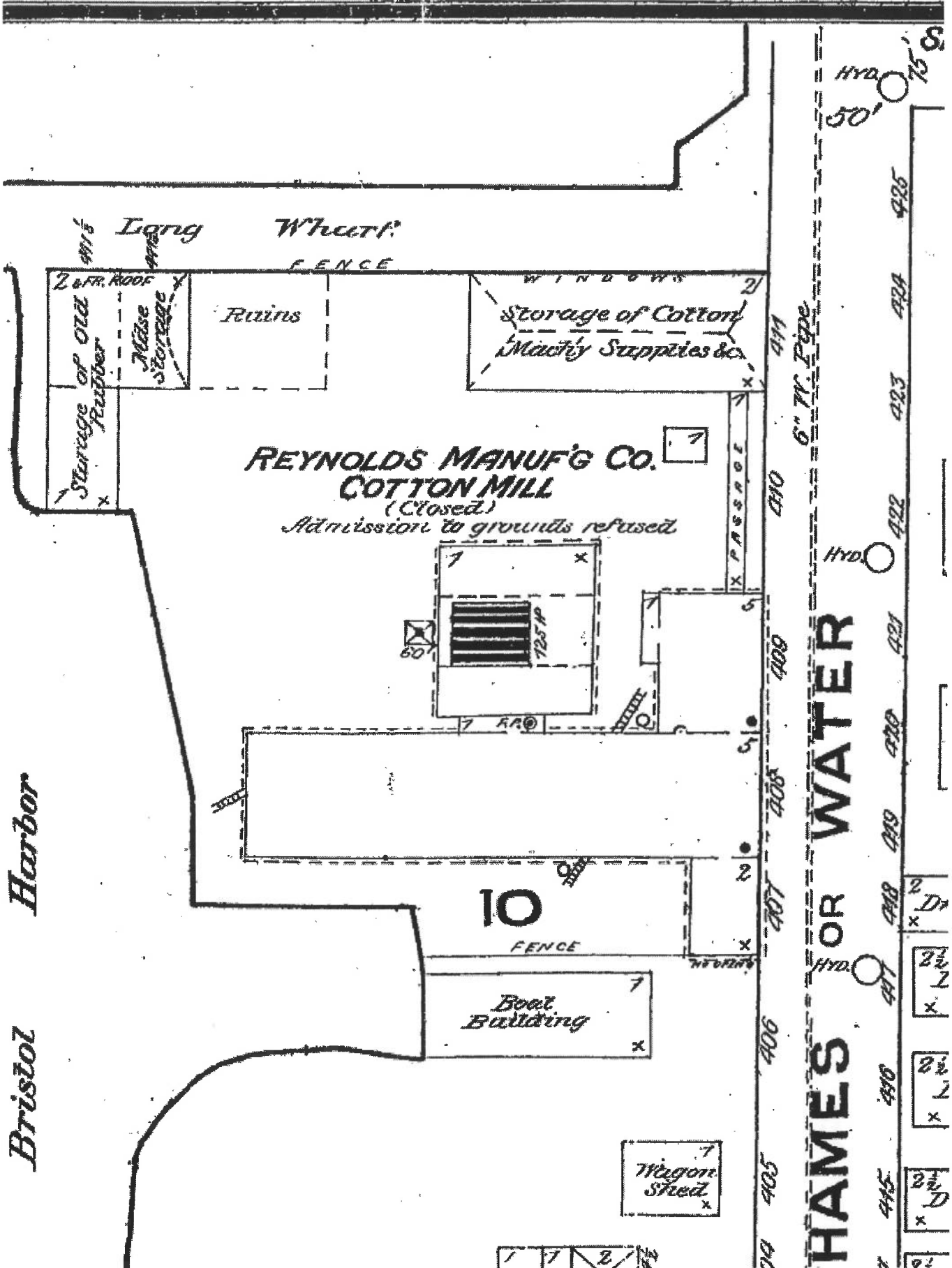
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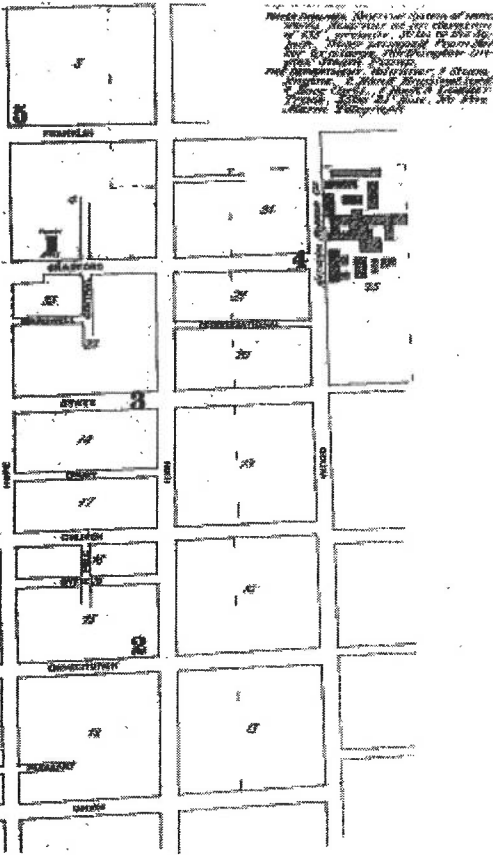
1





Bristol Harbor





BRISTOL



SCALE 50 FT. TO AN INCH

177 BROADWAY, NEW YORK

AUGUST, 1884

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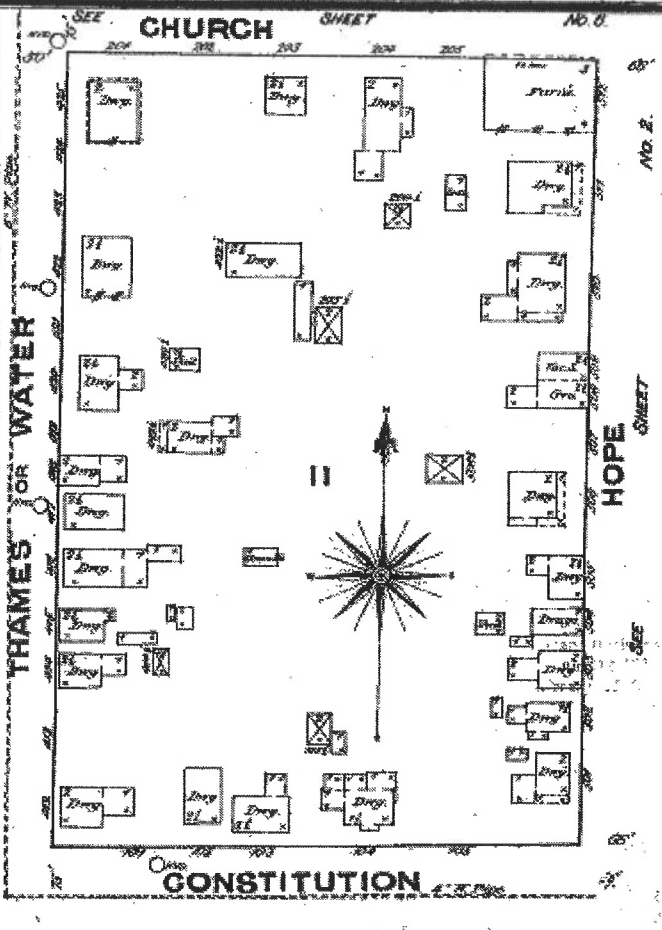
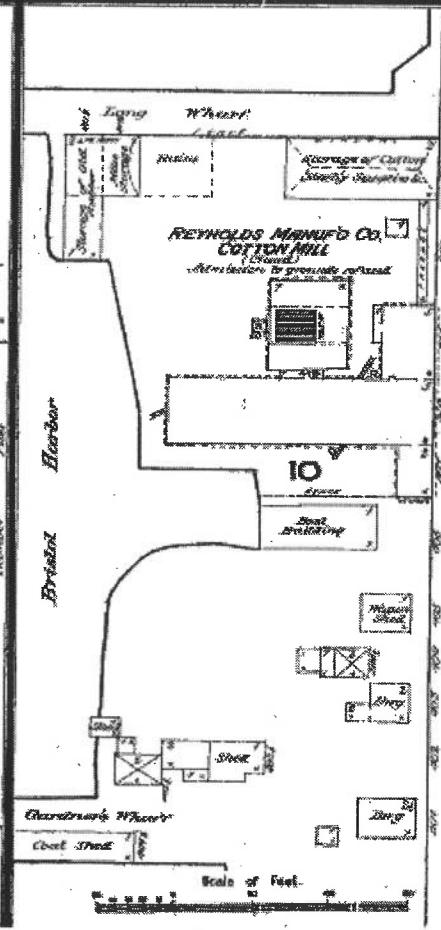
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No. 5.

77.

77.

77.



1884

FEET
FENCE
Storage of Cotton
Wm. S. Sappins & Co.

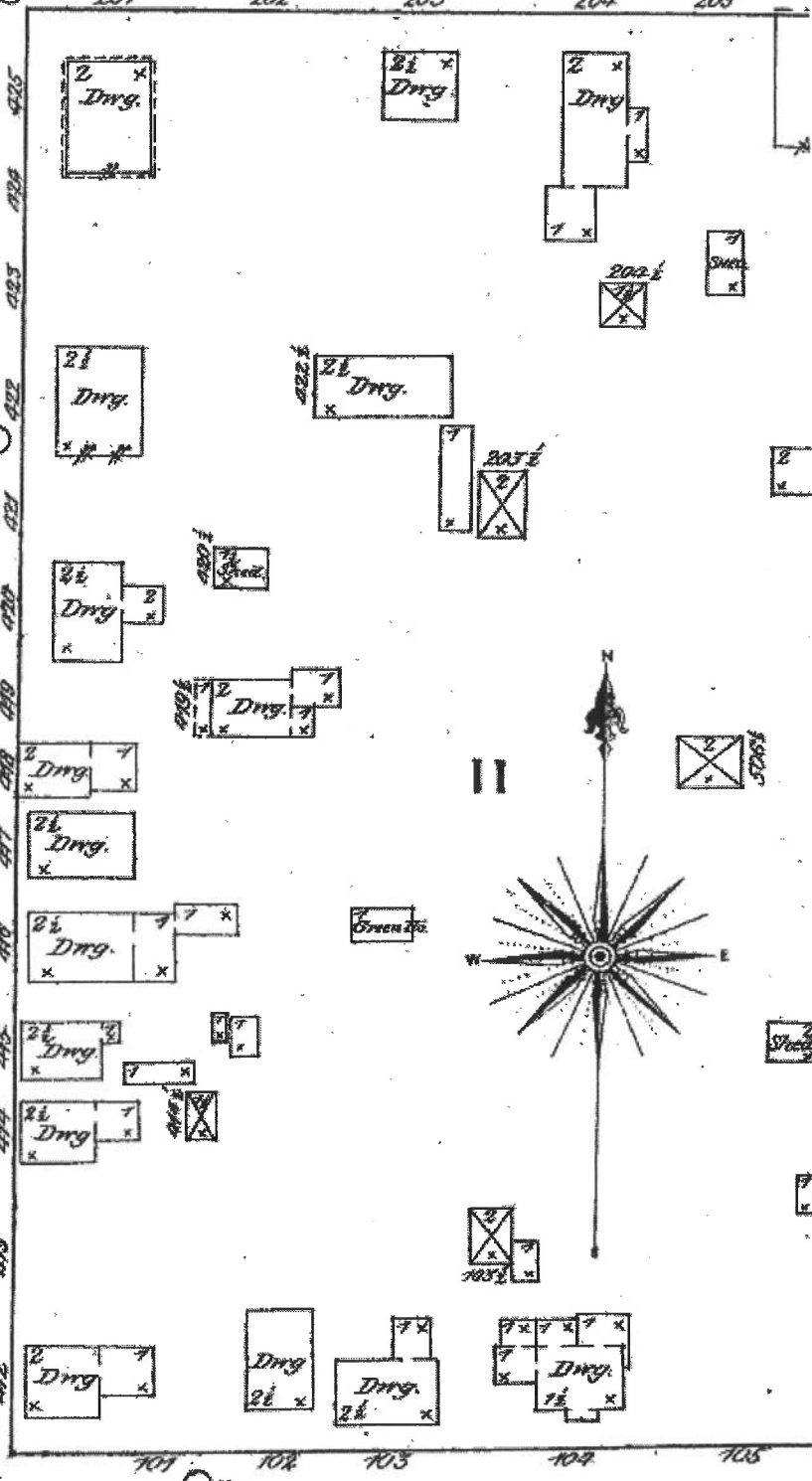
HOLDS MANUF'G CO.
COTTON MILL
(Closed)
Emissions to grounds refused

10
FENCE
Dye Building

Wagon
Steel
Dmg.
Dmg.



THAMES OR WATER



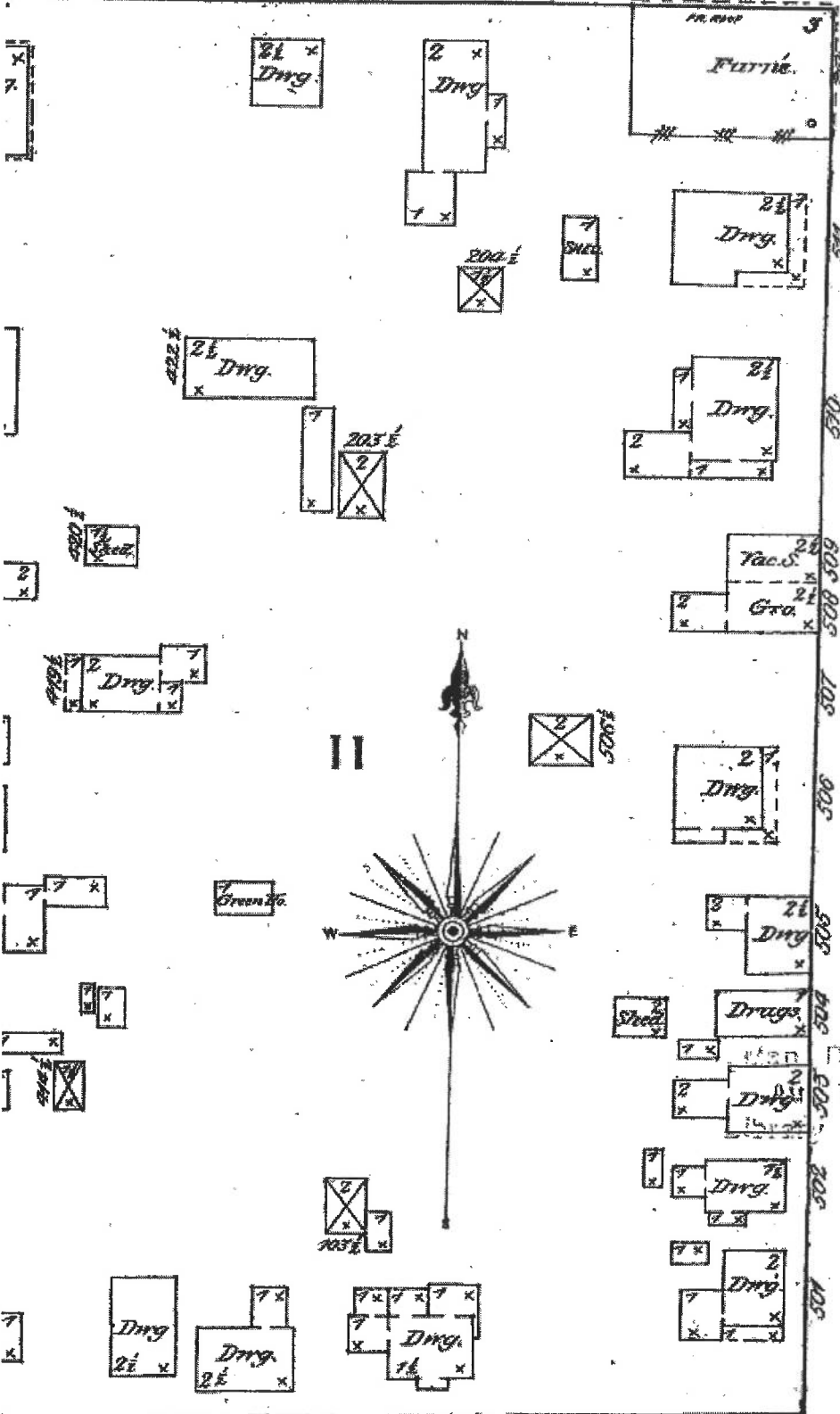
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CHURCH

SHEET

No. 6.

202 203 204 205



No. 2.

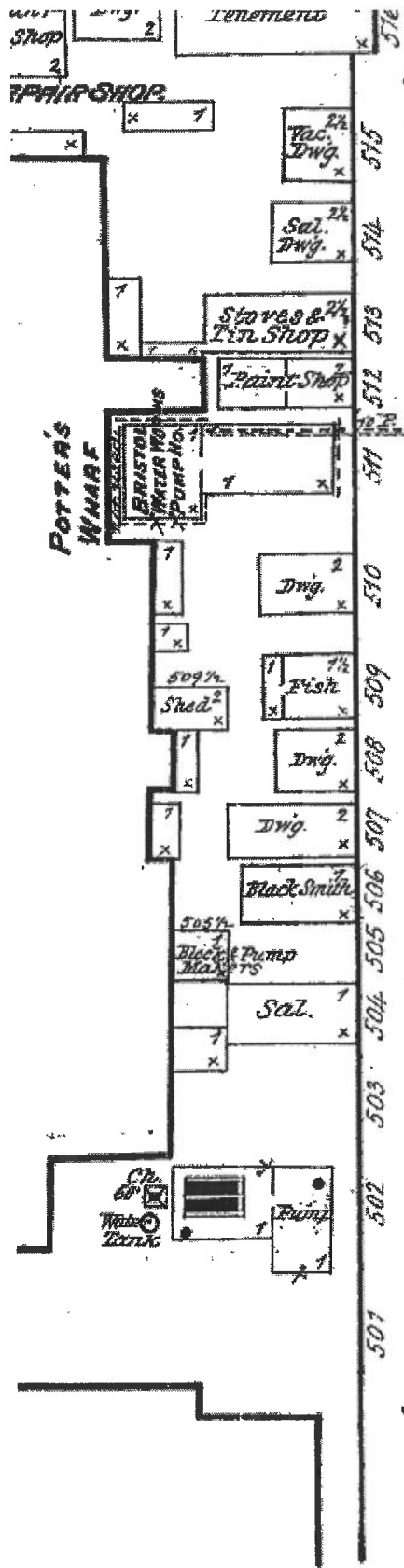
HOPE SHEET

SEE Division of

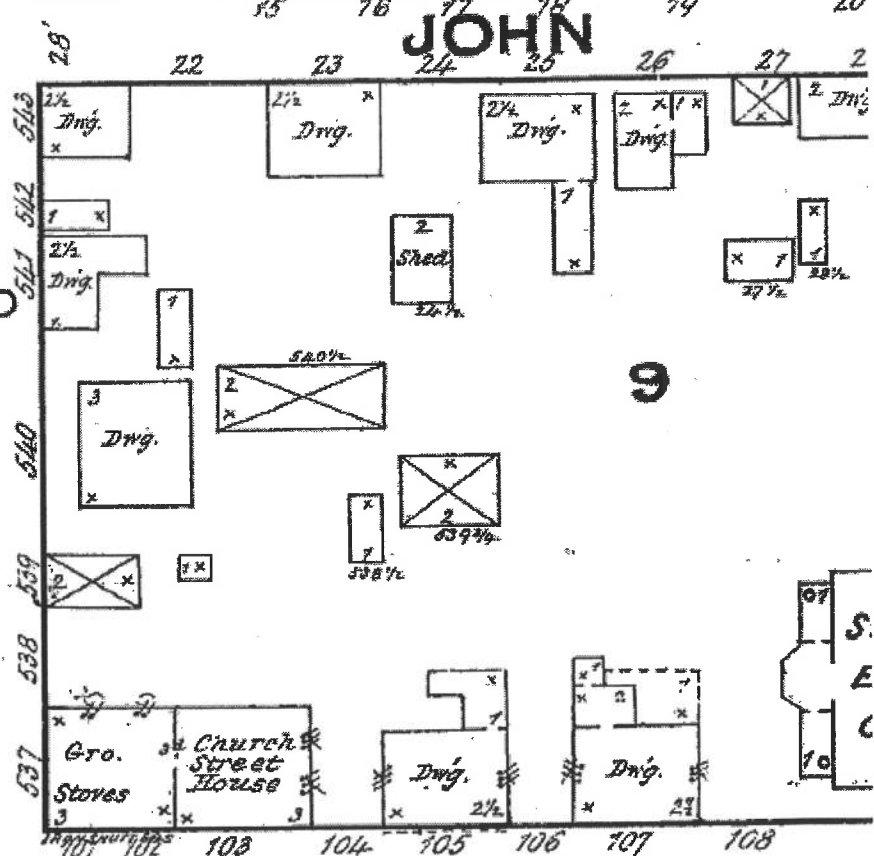
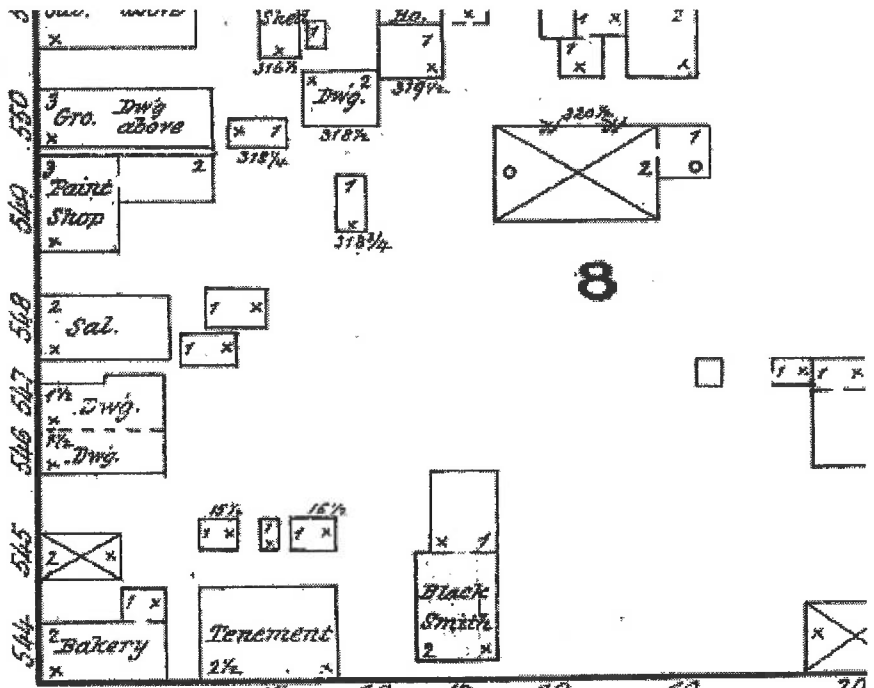
101 102 103 104 105

CONSTITUTION

1884



THAMES ROW
80'



JOHN

CHURCH

See Sheet No. 1

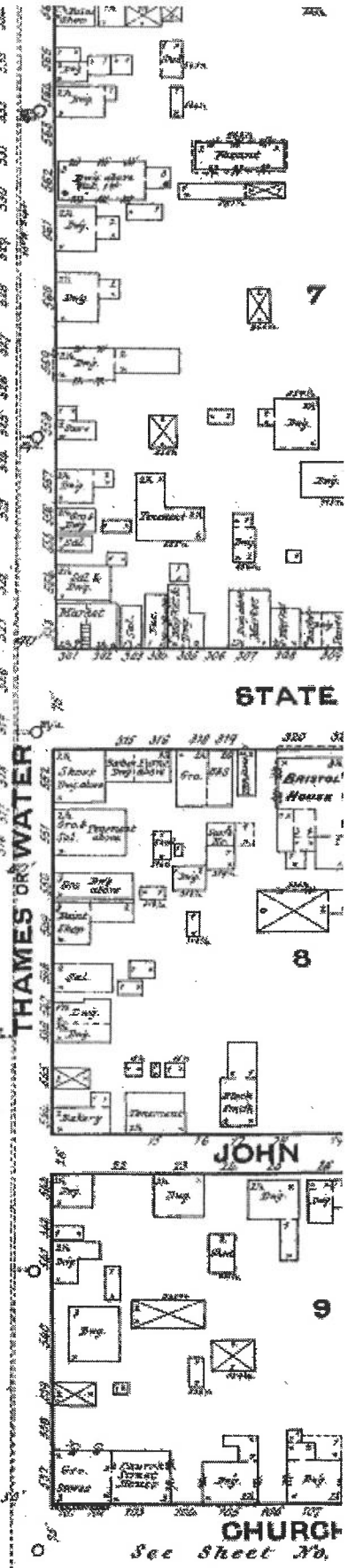
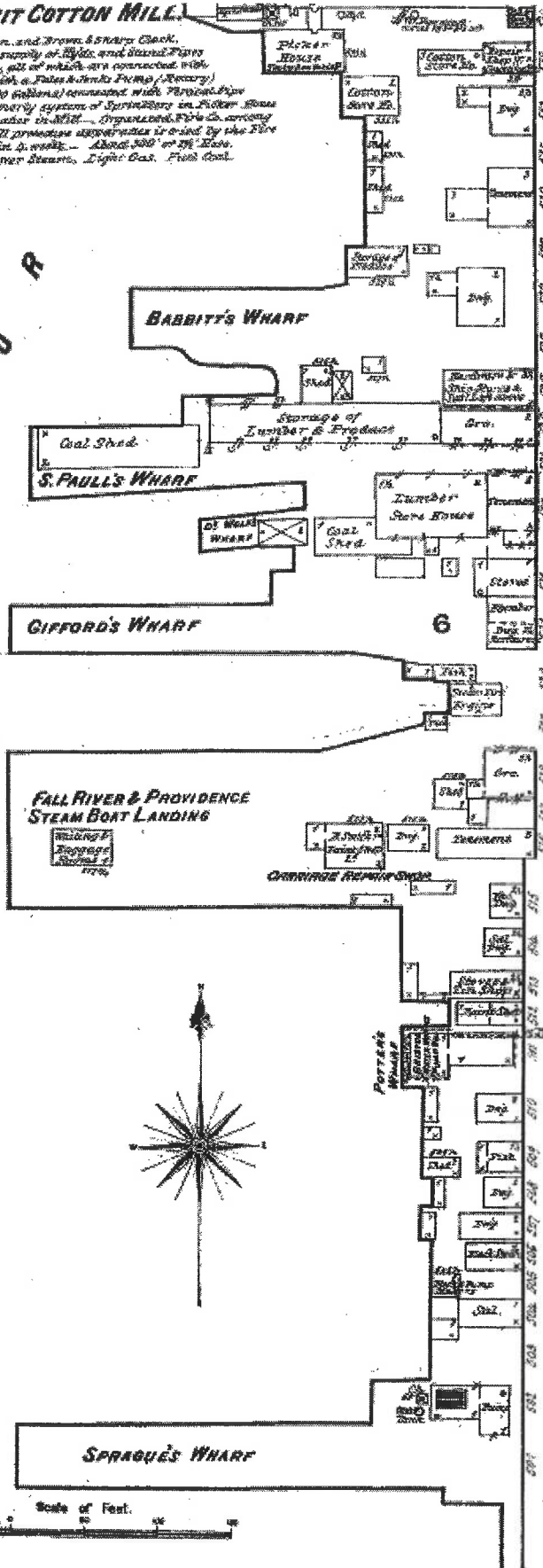
104

NAMQUIT COTTON MILL

1 Night Watchman, and 3 Runners Clock.
 3 Stations, good supply of Flys, and several Pairs
 of Spindles, all of which are connected with
 City Water and with a Fall & Rock Pump (Gravity)
 Sinks in 1000 (1000) feet, connected with 7000 ft. Pipe
 in Tower. Formerly system of Spindles in Picket House
 ground. Intermediate in Mill. Spindles, Poles, convey
 rollers and all previous apparatus is used by the Fire
 Company once in 2 weeks. About 1000' of 2 1/2" Pipe.
 Heat Steam, River Steam, Light Gas. Full Coal.

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 MAP & PUBLISHING CO. (L.
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 or duplicate, with the intention
 of securing and agreement that
 it is to be used exclusively by
 their General & Local Agent,
 and with the further agreement
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 two copies will be returned
 to said Company.

B R I S T O L H A R B O R



1884

BRISTOL

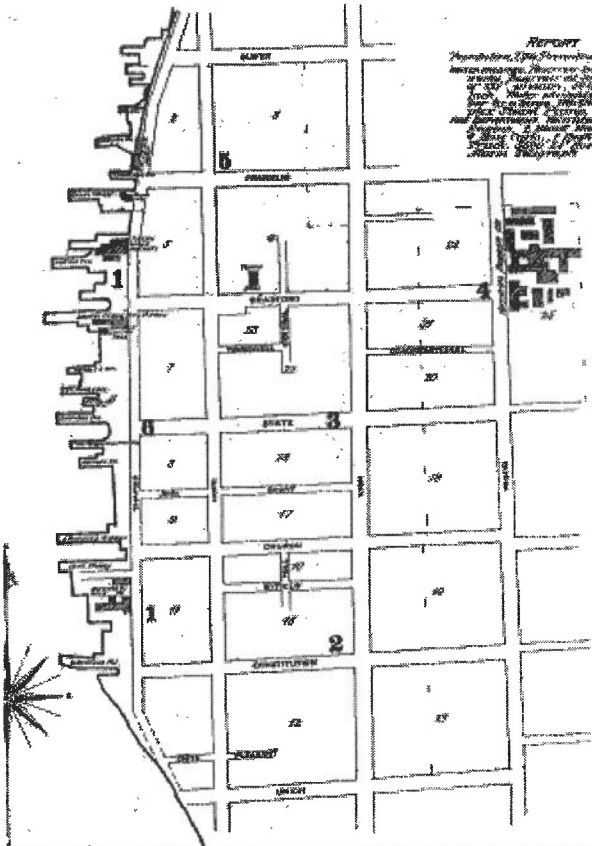


SCALE 50 FT. TO AN INCH 117 BROADWAY NEW YORK

AUGUST 1884

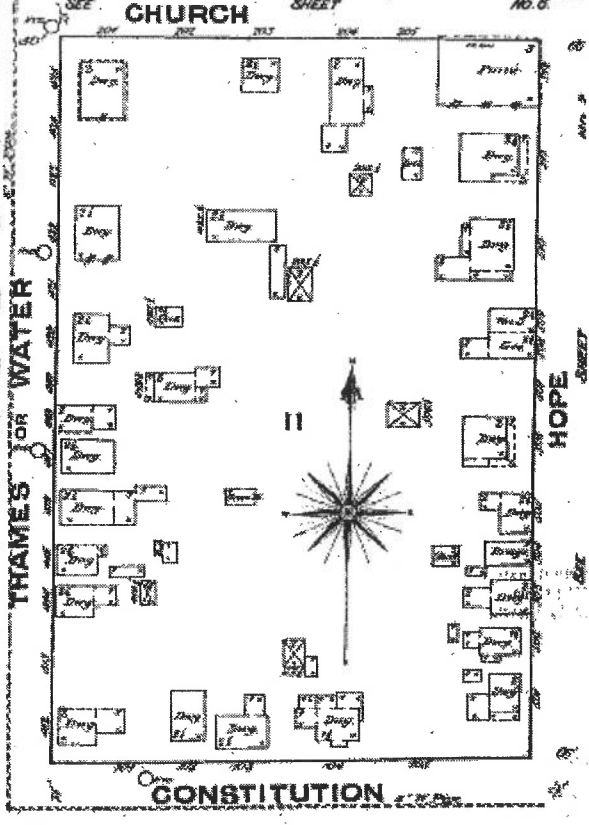
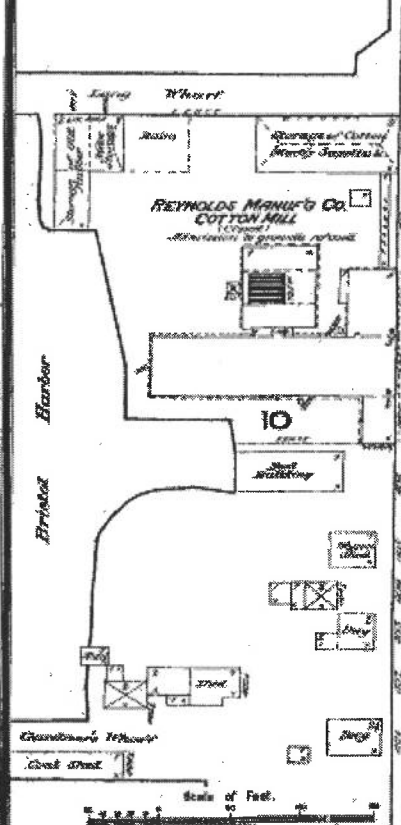
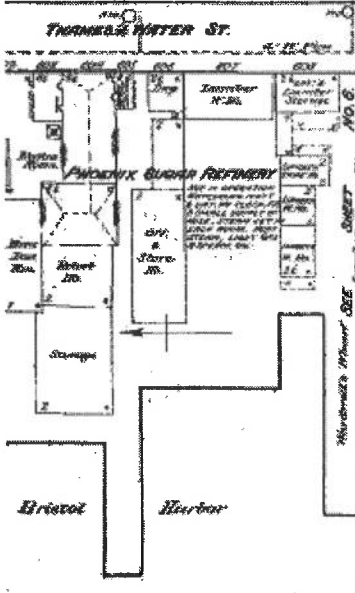
SPECIALS.

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Baptist Church	B	St. Paul's R. P. Church	2
Methodist Church	C	St. Peter's R. P. Church	3
Presbyterian Church	D	St. James' R. P. Church	4
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REPORT
 Prepared by Special Surveyors, Bristol, R.I.
 August 1884. Shows the location of the
 streets, buildings, and other structures
 of the city of Bristol, Rhode Island,
 as they appear on the ground.
 The map is drawn from a plan
 prepared by the Surveyors, and is
 subject to the same conditions as
 the plan.

NOTICE—The SANBORN MAP & PUBLISHING CO., (INCORPORATED) OF NEW YORK, in publishing the copy of this map, or any part thereof, does so under the authority of the Surveyors of the City of Bristol, Rhode Island, and does not assume any responsibility for the accuracy of the same. It is the duty of the Surveyors to see that the map is correct, and that it is in accordance with the laws of the State of Rhode Island. If not in accordance with the laws of the State, the Surveyors will be held responsible therefor.



1884

APPENDIX A

LIMITATIONS

SITE ASSESSMENT LIMITATIONS

1. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this report was carried out in accordance with the attached Terms & Conditions of Engagement.
2. In preparing this report, GZA GeoEnvironmental, Inc. (GZA) has relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to GZA at the time of the site assessment. Although there may have been some degree of overlap in the information provided by these various sources, GZA did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.
3. In the event that bank counsel or title examiner for Client obtains information on environmental or hazardous waste issues at the site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.
4. Observations were made of the site and of structures on the site as indicated within the report. Where access to portions of the site or to structures on the site was unavailable or limited, GZA renders no opinion as to the presence of hazardous material or oil, or to the presence of indirect evidence relating to hazardous material or oil, in that portion of the site or structure. In addition, GZA renders no opinion as to the presence of hazardous material or oil, or to the presence of indirect evidence relating to hazardous material or oil, where direct observation of the interior walls, floor, or ceiling of a structure on a site was obstructed by objects or coverings on or over these surfaces.
5. Unless otherwise specified in the report, GZA did not perform testing or analyses to determine the presence or concentration of asbestos or polychlorinated biphenyls (PCB's) at the site or in the environment at the site.
6. The purpose of this report was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous material or oil. No specific attempt was made to check on the compliance of present or past owners or operators of the site with federal, state, or local laws and regulations, environmental or otherwise.
7. The conclusions and recommendations contained in this report are based in part upon the data obtained from a limited number of soil and/or groundwater samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.
8. Water level readings have been made in the test pits, borings, and/or observation wells at the times and under the conditions stated on the test pit or boring logs. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.
9. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, GZA has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these data.

10. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data are preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed by GZA and the conclusions and recommendations presented herein modified accordingly.
11. Chemical analyses have been performed for specific parameters during the course of this site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.
12. It is recommended that GZA be retained to provide further engineering services during construction and/or implementation of any remedial measures recommended in this report. This is to allow GZA to observe compliance with the concepts and recommendations contained herein, and to allow the development of design changes in the event that subsurface conditions differ from those anticipated.

LIMITATIONS

1. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client.
2. In preparing this report, GZA GeoEnvironmental, Inc. (GZA) has relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to GZA at the time of the site assessment. Although there may have been some degree of overlap in the information provided by these various sources, GZA did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.
3. In the event that bank counsel or title examiner for Client obtains information on environmental or hazardous waste issues at the site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.
4. The purpose of this report was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous material or oil. No specific attempt was made to check on the compliance of present or past owners or operators of the site with federal, state, or local laws and regulations, environmental or otherwise.
5. The conclusions and recommendations contained in this report are based in part upon the data obtained from a limited number of soil and/or groundwater samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.
6. Water level readings have been made in the test pits, borings, and/or observation wells at the times and under the conditions stated on the test pit or boring logs. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.
7. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, GZA has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these data.

8. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed by GZA and the conclusions and recommendations presented herein modified accordingly.
9. Chemical analyses have been performed for specific parameters during the course of this site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.
10. It is recommended that GZA be retained to provide further engineering services during construction and/or implementation of any remedial measures recommended in this report. This is to allow GZA to observe compliance with the concepts and recommendations contained herein, and to allow the development of design changes in the event that subsurface conditions differ from those anticipated.

APPENDIX B

FIRSTSEARCH REGULATORY REPORT

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

TARGET PROPERTY:

125 THAMES ST

BRISTOL RI 02809

Job Number: 32938

PREPARED FOR:

GZA GeoEnvironmental, Inc.

140 Broadway

Providence, RI 02903

04-08-05



Tel: (781) 551-0470

Fax: (781) 551-0471



Environmental FirstSearch

.25 Mile Radius
ASTM Map: RCRAGEN, ERNS, UST



125 THAMES ST, BRISTOL RI 02809



Source: 2002 U.S. Census TIGER Files

- Target Site (Latitude: 41.667617 Longitude: -71.276895)
 - Identified Site, Multiple Sites, Receptor
 - NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
 - Railroads
- Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



Environmental FirstSearch

.25 Mile Radius

Non-ASTM Map: RCANLR, Spills 90



125 THAMES ST, BRISTOL RI 02809



Source: 2002 U.S. Census TIGER Files

- Target Site (Latitude: 41.667617 Longitude: -71.276895)
- Identified Site, Multiple Sites, Receptor
- NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
- National Historic Sites and Landmark Sites
- Soil Sites
- Railroads

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



Environmental FirstSearch

1 Mile Radius







ASTM Map: NPL, RCRACOR, STATE Sites



125 THAMES ST, BRISTOL RI 02809



Source: 2002 U.S. Census TIGER Files

- Target Site (Latitude: 41.667617 Longitude: -71.276895) 
- Identified Site, Multiple Sites, Receptor   
- NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste 
- Railroads 
- Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



Environmental FirstSearch
 .5 Mile Radius
 ASTM Map: CERCLIS, RCRATSD, LUST, SWL



125 THAMES ST, BRISTOL RI 02809



Source: 2002 U.S. Census TIGER Files

- Target Site (Latitude: 41.667617 Longitude: -71.276895)
 - Identified Site, Multiple Sites, Receptor
 - NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
 - Railroads
- Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

Environmental FirstSearch Search Summary Report

Target Site: 125 THAMES ST
BRISTOL RI 02809

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	02-14-05	1.00	0	0	0	0	0	0	0
CERCLIS	Y	01-18-05	0.50	0	0	0	0	-	1	1
NFRAP	Y	06-23-04	0.25	0	0	0	-	-	0	0
RCRA TSD	Y	02-14-05	0.50	0	0	0	0	-	0	0
RCRA COR	Y	02-14-05	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	02-14-05	0.25	0	1	2	-	-	1	4
RCRA NLR	Y	02-14-05	0.25	1	1	0	-	-	0	2
ERNS	Y	12-31-04	0.25	0	0	0	-	-	5	5
State Sites	Y	07-08-04	1.00	0	0	1	3	6	5	15
Spills-1990	Y	01-04-01	0.25	0	0	3	-	-	32	35
SWL	Y	01-24-01	0.50	0	0	0	0	-	1	1
REG UST/AST	Y	02-01-05	0.25	0	3	9	-	-	2	14
Leaking UST	Y	10-12-04	0.50	0	2	3	6	-	0	11
- TOTALS -				1	7	18	9	6	47	88

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

**Environmental FirstSearch
Site Information Report**

Request Date: 04-08-05
Requestor Name: Mark Burbelo
Standard: ASTM

Search Type: COORD
Job Number: 32938

**TARGET ADDRESS: 125 THAMES ST
BRISTOL RI 02809**

Demographics

Sites: 88	Non-Geocoded: 47	Population: NA
Radon: 0.7 - 7.7 PCI/L		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	-71.276895	-71:16:37	Easting: 310443.79
Latitude:	41.667617	41:40:3	Northing: 4615164.817
			Zone: 19

Comment

Comment:ROBIN RUG

Additional Requests/Services

Adjacent ZIP Codes: 0 Mile(s)				Services:		
ZIP Code	City Name	ST	Dist/Dir	Sel	Requested?	Date
					Sanborns	No
					Aerial Photographs	No
					Topographical Maps	No
					City Directories	No
					Title Search	No
					Municipal Reports	No
					Online Topos	No

Environmental FirstSearch Sites Summary Report

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

TOTAL: 88 **GEOCODED:** 41 **NON GEOCODED:** 47 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
8	RCRANLR	RUSS RUSS REALTY INC RID980732796/NLR	125 THAMES ST BRISTOL RI 02809	0.03 NW	1
19	LUST	COMMUNITY CENTER 0208-LS/SRO - SOIL REMOVAL O	THAMES STREET BRISTOL RI 02809	0.06 NW	3
19	UST	BRISTOL COMMUNITY CENTER 02879	CORNER OF CHURCH & THAMES S BRISTOL RI 02809	0.06 NW	3
24	LUST	FLEET BANK 0205-LS/SRO - SOIL REMOVAL O	315 HOPE STREET BRISTOL RI 02809	0.07 SE	3
24	UST	FLEET NATIONAL BANK 15969	315 HOPE ST BRISTOL RI 02809	0.07 SE	3
7	RCRANLR	BRISTOL SANDBLASTING RID987477569/NLR	361 HOPE ST BRISTOL RI 02809	0.08 NE	4
6	RCRAGN	US COAST GUARD BRISTOL ANT TEAM RI3690307910/SGN	1 THOMAS ST BRISTOL RI 02809	0.09 SE	6
6	UST	U.S. COAST GUARD ANT BRISTOL 01750	1 THAMES ST BRISTOL RI 02809	0.09 SE	8
20	UST	BRISTOL TOWN HALL 02877	10 CT BRISTOL RI 02809	0.14 NE	9
28	LUST	THAMES STREET LANDING 0226-LS/SRO - SOIL REMOVAL O	251 THAMES ST BRISTOL RI 02809	0.14 NW	9
28	UST	THAMES STREET LANDING 18561	251 THAMES ST BRISTOL RI 02809	0.14 NW	10
5	RCRAGN	PHOTO WORLD RID987479458/SGN	433 HOPE ST BRISTOL RI 02809	0.15 NE	11
15	SPILLS	LUST 94-521	18 STATE STREET BRISTOL RI 02809	0.16 NW	13
15	UST	FALUGO S 15661	18 STATE ST BRISTOL RI 02809	0.16 NW	13
16	LUST	TOWN OF BRISTOL 0213-LS/SRO - SOIL REMOVAL O	BRISTOL RI 02809	0.17 NE	14
16	SPILLS	93-117	9 COURT STREET BRISTOL RI 02809	0.17 NE	14
16	UST	BRISTOL WELFARE DEPARTMENT 02878	9 CT BRISTOL RI 02809	0.17 NE	15
4	RCRAGN	COUNTY CLEANSERS RID987472768/SGN	76 STATE ST BRISTOL RI 02809	0.19 NE	16
4	UST	COUNTY CLEANSERS 02872	76 STATE ST BRISTOL RI 02809	0.19 NE	18
10	STATE	J.T. O CONNELL JTOC-HWM/INACTIVE	267 THAMES STREET BRISTOL RI 02809	0.20 NW	18
14	SPILLS	CNR HOPE AND STATE ST 00-026	CNR HOPE AND STATE ST BRISTOL RI 02809	0.21 NE	19

Environmental FirstSearch Sites Summary Report

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

TOTAL: 88 **GEOCODED:** 41 **NON GEOCODED:** 47 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
17	UST	ANTONIO D ANGELO, ESTATE OF 18121	99 STATE ST BRISTOL RI 02809	0.22 NE	19
29	LUST	UNITED STATES POSTAL SERVICE 0216-LS/SRO - SOIL REMOVAL O	515 HOPE STREET BRISTOL RI 02809	0.23 NE	20
29	UST	U.S. POST OFFICE BUILDING 02205	515 HOPE ST BRISTOL RI 02809	0.23 NE	20
27	UST	REYNOLDS SCHOOL 03539	235 HIGH ST BRISTOL RI 02809	0.24 NE	21
21	UST	BYFIELD SCHOOL 01164	HIGH & CHURCH ST BRISTOL RI 02809	0.25 NE	21
9	STATE	BRISTOL FURNITURE BFUR-HWM/ACTIVE	THAMES & BRADFORD ST BRISTOL RI 02809	0.26 NE	22
9	STATE	BRISTOL FURNITURE BLDG (FORMER) FBFB-HWM/ACTIVE	537-539 HOPE ST BRISTOL RI 02809	0.26 NE	22
2	STATE	PREMIER THREAD/COATS AMERICA PTCA-HWM/ACTIVE	345 THAMES STREET BRISTOL RI 02809	0.26 NW	22
22	LUST	FIRST CONGREGATIONAL CHURCH 0217-ST/SRO - SOIL REMOVAL O	281 HIGH STREET BRISTOL RI 02809	0.29 NE	23
26	LUST	OUR LADY OF MOUNT CARMEL SCHOOL 0230-ST/SRO - SOIL REMOVAL O	141 STATE STREET BRISTOL RI	0.31 NE	23
23	LUST	FLEET BANK 0218-LS/SRO - SOIL REMOVAL O	601 HOPE STREET BRISTOL RI 02809	0.33 NW	23
13	LUST	FORMISANO 0223-ST/I - INACTIVE	310 HIGH ST BRISTOL RI 02809	0.37 NE	24
25	LUST	LOBSTER POT RESTAURANT 0214-LS/SRO - SOIL REMOVAL O	119 HOPE STREET BRISTOL RI 02809	0.37 SE	24
18	LUST	BARNADE BILLS 0224-LS/SRO - SOIL REMOVAL O	444-448 THAMES ST BRISTOL RI 02809	0.39 NW	24
3	STATE	BRISTOL INDUSTRIAL PARK BIP-HWM/ACTIVE	WOOD STREET BRISTOL RI 02809	0.52 NE	25
11	STATE	NARR ELECTRIC-HOPE ST MGP NECB-HWM/ACTIVE	HOPE & WASHINGTON ST BRISTOL RI 02809	0.61 NW	25
12	STATE	TOPSIDE LOUNGE TOPS-HWM/INACTIVE	799-805 HOPE STREET BRISTOL RI 02809	0.65 NW	25
1	STATE	BUTTONWOOD INDUSTRIAL - FULFEX BICF-HWM/ACTIVE	40-45 BUTTONWOOD & FRANKLIN BRISTOL RI 02809	0.77 NE	26
1	STATE	BUTTONWOOD INDUSTRIAL COMPLEX BIC-SFA/ACTIVE	40-45 BUTTONWOOD & FRANKLIN BRISTOL RI 02809	0.77 NE	26
1	STATE	BUTTONWOOD INDUSTRIAL - MINER BICM-HWM/INACTIVE	40-45 BUTTONWOOD & FRANKLIN BRISTOL RI 02809	0.77 NE	26

**Environmental FirstSearch
Sites Summary Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

TOTAL: 88 **GEOCODED:** 41 **NON GEOCODED:** 47 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
	CERCLIS	BRISTOL HARBOR (C80123) RISFN0102978/NOT PROPOSED	BRISTOL HARBOR BRISTOL RI 02809	NON GC	N/A
	ERNS	BRISTOL HARBOR NRC-725891/VESSEL	BRISTOL RI 02809	NON GC	N/A
	ERNS	NARRAGAMSETT ELECTRIC CO 307290/FIXED FACILITY	POLE 21 ANNAWAMFCUTT DR BRISTOL RI 02809	NON GC	N/A
	ERNS	UNKNOWN 589493/UNKNOWN	WINDMILL POINT/POPPASQUASH BRISTOL RI 02809	NON GC	N/A
	ERNS	UNKNOWN 425476/HIGHWAY RELATED	SOUTHBOUND LANE OF METACOM BRISTOL RI 02809	NON GC	N/A
	ERNS	UNKNOWN 589646/UNKNOWN	POPPASQUASH ROAD WINDMILL P BRISTOL RI 02809	NON GC	N/A
	RCRAGN	S R B AUTO SERVICE LLC RIR000503839/SGN	156 BAYVIEW AVE RIGHT BRISTOL RI 02809	NON GC	N/A
	STATE	NARR ELECTRIC-THAMES ST MGP NETB-HWM/ACTIVE	345 THAMES STREET BRISTOL RI 02809	NON GC	N/A
	STATE	NARR ELECTRIC-POLE #9 NEBR-HWM/INACTIVE	POLE 9 BRADFORD ROAD BRISTOL RI 02809	NON GC	N/A
	STATE	BUTTONWOOD REALTY BTR-HWM/INACTIVE	BUTTONWOOD STREET BRISTOL RI 02809	NON GC	N/A
	STATE	BURRILLVILLE TOWN PROPERTY/BURRILL BTHP-HWM/ACTIVE	96 MAIN STREET BRISTOL RI	NON GC	N/A
	STATE	PERRY-WOOD STREET DUMP PSD-HWM/INACTIVE	PERRY-WOOD STREET BRISTOL RI 02809	NON GC	N/A
	SPILLS	97-448	BRISTOL RI 02809	NON GC	N/A
	SPILLS	98-668	BRISTOL RI 02809	NON GC	N/A
	SPILLS	TUPELO ROAD 00-187	TUPELO ROAD BRISTOL RI 02809	NON GC	N/A
	SPILLS	TUPPELO ROAD 00-004	TUPPELO ROAD BRISTOL RI 02809	NON GC	N/A
	SPILLS	97-086	BRISTOL RI 02809	NON GC	N/A
	SPILLS	98-093	BRISTOL RI 02809	NON GC	N/A
	SPILLS	98-510	BRISTOL RI 02809	NON GC	N/A
	SPILLS	00-155	BRISTOL RI 02809	NON GC	N/A

***Environmental FirstSearch
Sites Summary Report***

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

TOTAL: 88 **GEOCODED:** 41 **NON GEOCODED:** 47 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
	SPILLS	00-142	BRISTOL RI 02809	NON GC	N/A
	SPILLS	99-029	BRISTOL RI 02809	NON GC	N/A
	SPILLS	THAMES ST 95-411	THAMES ST BRISTOL RI 02809	NON GC	N/A
	SPILLS	98-002	BRISTL RI 02809	NON GC	N/A
	SPILLS	METACOM AVE 99-287	METACOM AVE BRISTOL RI 02809	NON GC	N/A
	SPILLS	98-395	BRISTOL RI 02809	NON GC	N/A
	SPILLS	98-001	STATE PIER BRISTOL RI 02809	NON GC	N/A
	SPILLS	98-528	BRISTOL RI 02809	NON GC	N/A
	SPILLS	CHILD STREET 99-240	CHILD STREET BRISTOL RI 02809	NON GC	N/A
	SPILLS	91 GILBRALTER STREET 97-373	91 GILBRALTER STREET BRISTOL RI 02809	NON GC	N/A
	SPILLS	ANNAWAMSCUTT DRIVE 97-488	ANNAWAMSCUTT DRIVE BRISTOL RI 02809	NON GC	N/A
	SPILLS	ANNAWANS CUTT ROAD 97-506	ANNAWANS CUTT ROAD BRISTOL RI 02809	NON GC	N/A
	SPILLS	BEACH AT POPASQUASH RD 00-161	BEACH AT POPASQUASH RD BRISTOL RI 02809	NON GC	N/A
	SPILLS	BIKE PATH OVER WARREN RVR 98-393	BIKE PATH OVER WARREN RVR BRISTOL RI 02809	NON GC	N/A
	SPILLS	POPPASQUASH ROAD 98-427	PAPPASQUASH ROAD BRISTOL RI 02809	NON GC	N/A
	SPILLS	CENTRE STREET 97-484	CENTRE STREET BRISTOL RI 02809	NON GC	N/A
	SPILLS	STATE STREET PIER 97-002A	STATE STREET PIER BRISTOL RI 02809	NON GC	N/A
	SPILLS	END OF MICHAEL ST 97-549	END OF MICHAEL ST BRISTOL RI 02809	NON GC	N/A
	SPILLS	FERRY ROAD 96-103	FERRY ROAD BRISTOL RI 02809	NON GC	N/A
	SPILLS	KICKIMUIT RIVER 95-116	KICKIMUIT RIVER BRISTOL RI 99999	NON GC	N/A

***Environmental FirstSearch
Sites Summary Report***

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

TOTAL: 88 **GEOCODED:** 41 **NON GEOCODED:** 47 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
	SPILLS	METACOM AVE 98-337	METACOM AVE BRISTOL RI 02809	NON GC	N/A
	SPILLS	NEWPORT HOSPITAL 94-259	HOPE STREET BRISTOL RI 02809	NON GC	N/A
	SPILLS	ROCKWELL MARINA 97-400	ROCKWELL MARINA BRISTOL RI 02809	NON GC	N/A
	SPILLS	BROAD COMMON ROAD 95-106	BROAD COMMON ROAD BRISTOL RI 02809	NON GC	N/A
	SWL	BRISTOL SANITARY LANDFILL RISW-3/ACTIVE	MINTURN ROAD BRISTOL RI 02809	NON GC	N/A
	UST	PAMELA LENEHAN PROPERTY 02471	POPPASQUASH RD BRISTOL RI 02809	NON GC	N/A
	UST	ALMEIDA APARTMENTS 03950	BAY VIEW AVE BRISTOL RI	NON GC	N/A

**Environmental FirstSearch
Site Detail Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

RCRA NLR SITE

SEARCH ID: 5 **DIST/DIR: 0.03 NW** **MAP ID: 8**

<p>NAME: RUSS RUSS REALTY INC ADDRESS: 125 THAMES ST BRISTOL RI 02809 CONTACT: RUSSELL KARIAN</p>	<p>REV: 2/14/05 ID1: RID980732796 ID2: STATUS: NLR PHONE: 4012538350</p>
--	---

SITE INFORMATION

SNC:	N - NO
BOYSNC:	N - NO
GPRA PERMIT:	N - NO
GPRA POSTCLOSURE:	N - NO
GPRA CA:	N - NO
GPRA CME:	N - NO
PERM PROG:	----
PREM WRKLD:	----
CLOSURE WRKLD:	----
P C WRKLD:	----
SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
CA WRKLD:	N - NO
GEN STATUS:	N

UNIVERSE INFORMATION:

<p>IMPORTER ACTIVITY: U - UNKNOWN RECYCLER ACT: N - NO TSD ACT: N - NO UNIV WASTE FAC: OS BURNER EXEMPT: U - UNKNOWN</p>	<p>MIX WASTE GEN: U - UNKNOWN TRANS ACT: N - NO U GRND INJ ACT: N - NO TRANSFER FAC: U - UNKNOWN FURNACE EXEMP: U - UNKNOWN</p>
---	--

USED OIL INFORMATION

<p>BURNER: N - NO REFINER: N - NO SPEC MARKETER: N - NO TRANSPORTER: N - NO</p>	<p>PROCESSOR: N - NO MARKET BURNER: N TRANSFER FAC: N - NO</p>
<p>SECOND ID: ACCESSIBILITY: FED WSTE GEN OWNER: HQ STATE WSTE GEN OWNER: HQ</p>	<p>OFF SITE RECEIPT: U - UNKNOWN COUNTY OWNER: FED WASTE GEN: N STATE WSTE GEN: N - NO</p>

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Environmental FirstSearch Site Detail Report

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

LEAKING UNDERGROUND STORAGE TANKS			
SEARCH ID: 32	DIST/DIR: 0.06 NW	MAP ID: 19	
NAME: COMMUNITY CENTER ADDRESS: THAMES STREET BRISTOL RI CONTACT:	REV: 10/12/04 ID1: 0208-LS ID2: STATUS: SRO - SOIL REMOVAL ONLY PHONE:		
PROJECT DATE: 1/2/1992			

REGISTERED UNDERGROUND STORAGE TANKS			
SEARCH ID: 20	DIST/DIR: 0.06 NW	MAP ID: 19	
NAME: BRISTOL COMMUNITY CENTER ADDRESS: CORNER OF CHURCH & THAMES ST BRISTOL RI CONTACT:	REV: 2/1/05 ID1: 02879 ID2: STATUS: PHONE:		
<u>SITE INFORMATION</u>			
TOTAL NUMBER OF TANKS: 1			
TANK ID: 1			
DATE INSTALLED: 4/25/2001			
STATUS: PERMANENTLY CLOSED			
CAPACITY (GAL): 1000			
PRODUCT STORED: HEATING OIL NO.2			

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 35	DIST/DIR: 0.07 SE	MAP ID: 24
NAME: FLEET BANK ADDRESS: 315 HOPE STREET BRISTOL RI CONTACT:	REV: 10/12/04 ID1: 0205-LS ID2: STATUS: SRO - SOIL REMOVAL ONLY PHONE:	

Environmental FirstSearch Site Detail Report

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

RCRA NLR SITE

SEARCH ID: 4 **DIST/DIR: 0.08 NE** **MAP ID: 7**

NAME: BRISTOL SANDBLASTING
ADDRESS: 361 HOPE ST
BRISTOL RI 02809

REV: 2/14/05
ID1: RID987477569
ID2:
STATUS: NLR
PHONE: 4015551212

CONTACT: MANUEL FURTADO

SITE INFORMATION

SNC: N - NO
BOYSNC: N - NO
GPRA PERMIT: N - NO
GPRA POSTCLOSURE: N - NO
GPRA CA: N - NO
GPRA CME: N - NO
PERM PROG: ----
PREM WRKLD: ----
CLOSURE WRKLD: ----
P C WRKLD: ----
SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO
CA WRKLD: N - NO
GEN STATUS: N

UNIVERSE INFORMATION:

IMPORTER ACTIVITY:	U - UNKNOWN	MIX WASTE GEN:	U - UNKNOWN
RECYCLER ACT:	N - NO	TRANS ACT:	N - NO
TSD ACT:	N - NO	U GRND INJ ACT:	N - NO
UNIV WASTE FAC:		TRANSFER FAC:	U - UNKNOWN
OS BURNER EXEMPT:	U - UNKNOWN	FURNACE EXEMP:	U - UNKNOWN

USED OIL INFORMATION

BURNER:	N - NO	PROCESSOR:	N - NO
REFINER:	N - NO	MARKET BURNER:	N
SPEC MARKETER:	N - NO	TRANSFER FAC:	N - NO
TRANSPORTER:	N - NO		

NAIC INFORMATION

SECOND ID:		OFF SITE RECEIPT:	U - UNKNOWN
ACCESSIBILITY:		COUNTY OWNER:	
FED WSTE GEN OWNER:	HQ	FED WASTE GEN:	N
STATE WSTE GEN OWNER:	HQ	STATE WSTE GEN:	N - NO

ENFORCEMENT INFORMATION:

AGENCY: S - STATE **DATE:** 10/7/1992
TYPE: 210 - INITIAL 3008(A) COMPLIANCE ORDER

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

RCRA NLR SITE

SEARCH ID: 4

DIST/DIR: 0.08 NE

MAP ID: 7

NAME: BRISTOL SANDBLASTING
ADDRESS: 361 HOPE ST
BRISTOL RI 02809

REV: 2/14/05
ID1: RID987477569
ID2:
STATUS: NLR
PHONE: 4015551212

CONTACT: MANUEL FURTADO

VIOLATION INFORMATION:

VIOLATION NUMBER:	0001	RESPONSIBLE:	S - STATE
DETERMINED:	7/23/1992	DETERMINED BY:	S - STATE
CITATION:	270	RESOLVED:	
TYPE:	GHW		

HAZARDOUS WASTE INFORMATION:

NONE

*Environmental FirstSearch
Site Detail Report*

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

RCRA GENERATOR SITE

SEARCH ID: 3

DIST/DIR: 0.09 SE

MAP ID: 6

NAME: US COAST GUARD BRISTOL ANT TEAM
ADDRESS: 1 THOMAS ST
BRISTOL RI 02809

REV: 2/14/05
ID1: RI3690307910

CONTACT: JOSEPH SHARLAND

ID2:
STATUS: SGN
PHONE: 2539585

SITE INFORMATION

UNIVERSE INFORMATION:

SNC: N - NO
BOYSNC: N - NO
GPRA PERMIT: N - NO
GPRA POSTCLOSURE: N - NO
GPRA CA: N - NO
GPRA CME: N - NO
PERM PROG: ----
PREM WRKLD: ----
CLOSURE WRKLD: ----
P C WRKLD: ----
SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO
CA WRKLD: N - NO

GEN STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

IMPORTER ACTIVITY: U - UNKNOWN
RECYCLER ACT: N - NO
TSD ACT: N - NO
UNIV WASTE FAC:
OS BURNER EXEMPT: U - UNKNOWN

MIX WASTE GEN: U - UNKNOWN
TRANS ACT: N - NO
U GRND INJ ACT: N - NO
TRANSFER FAC: U - UNKNOWN
FURNACE EXEMP: U - UNKNOWN

IMPORTER ACTIVITY: U - UNKNOWN
RECYCLER ACT: U - UNKNOWN
TSD ACT: N - NO
UNIV WASTE FAC: U
OS BURNER EXEMPT: U - UNKNOWN

MIX WASTE GEN: U - UNKNOWN
TRANS ACT: U - UNKNOWN
U GRND INJ ACT: U - UNKNOWN
TRANSFER FAC: U - UNKNOWN
FURNACE EXEMP: U - UNKNOWN

USED OIL INFORMATION

BURNER: N - NO
REFINER: N - NO
SPEC MARKETER: N - NO
TRANSPORTER: N - NO

PROCESSOR: N - NO
MARKET BURNER: N
TRANSFER FAC: N - NO

BURNER: U - UNKNOWN
REFINER: U - UNKNOWN
SPEC MARKETER: U - UNKNOWN
TRANSPORTER: U - UNKNOWN

PROCESSOR: U - UNKNOWN
MARKET BURNER: U
TRANSFER FAC: U - UNKNOWN

NAIC INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 29 **DIST/DIR:** 0.09 SE **MAP ID:** 6

NAME: U.S. COAST GUARD ANT BRISTOL
ADDRESS: 1 THAMES ST
BRISTOL RI

REV: 2/1/05
ID1: 01750
ID2:

CONTACT:

STATUS:
PHONE:

SITE INFORMATION

TOTAL NUMBER OF TANKS: 2

TANK ID: 1
DATE INSTALLED: 4/1/1965
STATUS: PERMANENTLY CLOSED
CAPACITY (GAL): 600
PRODUCT STORED: HEATING OIL NO.2

TANK ID: 2
DATE INSTALLED: 4/25/2001
STATUS: PERMANENTLY CLOSED
CAPACITY (GAL): 1000
PRODUCT STORED: HEATING OIL NO.2

Environmental FirstSearch
Site Detail Report

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 28

DIST/DIR: 0.14 NW

MAP ID: 28

NAME: THAMES STREET LANDING
ADDRESS: 251 THAMES ST
BRISTOL RI

REV: 2/1/05
ID1: 18561
ID2:
STATUS:
PHONE:

CONTACT:

SITE INFORMATION

TOTAL NUMBER OF TANKS: 2

TANK ID: 1
DATE INSTALLED: 4/25/2001
STATUS: PERMANENTLY CLOSED
CAPACITY (GAL): 1000
PRODUCT STORED: GASOLINE

TANK ID: 2
DATE INSTALLED: 4/25/2001
STATUS: PERMANENTLY CLOSED
CAPACITY (GAL): 1000
PRODUCT STORED: HEATING OIL NO.2

**Environmental FirstSearch
Site Detail Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

RCRA GENERATOR SITE

SEARCH ID: 2

DIST/DIR: 0.15 NE

MAP ID: 5

NAME: PHOTO WORLD
ADDRESS: 433 HOPE ST
BRISTOL RI 02809

REV: 2/14/05
ID1: RID987479458
ID2:
STATUS: SGN
PHONE: 4012532248

CONTACT: BARRY SCHRUTT

SITE INFORMATION

UNIVERSE INFORMATION:

SNC: N - NO
BOYSNC: N - NO
GPRA PERMIT: N - NO
GPRA POSTCLOSURE: N - NO
GPRA CA: N - NO
GPRA CME: N - NO
PERM PROG: ----
PREM WRKLD: ----
CLOSURE WRKLD: ----
P C WRKLD: ----
SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO
CA WRKLD: N - NO
GEN STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF
HAZARDOUS WASTE

IMPORTER ACTIVITY:	U - UNKNOWN	MIX WASTE GEN:	U - UNKNOWN
RECYCLER ACT:	N - NO	TRANS ACT:	N - NO
TSD ACT:	N - NO	U GRND INJ ACT:	N - NO
UNIV WASTE FAC:		TRANSFER FAC:	U - UNKNOWN
OS BURNER EXEMPT:	U - UNKNOWN	FURNACE EXEMP:	U - UNKNOWN

USED OIL INFORMATION

BURNER:	N - NO	PROCESSOR:	N - NO
REFINER:	N - NO	MARKET BURNER:	N
SPEC MARKETER:	N - NO	TRANSFER FAC:	N - NO
TRANSPORTER:	N - NO		
SECOND ID:		OFF SITE RECEIPT:	U - UNKNOWN
ACCESSIBILITY:		COUNTY OWNER:	
FED WSTE GEN OWNER:	HQ	FED WASTE GEN:	2
STATE WSTE GEN OWNER:		STATE WSTE GEN:	

NAIC INFORMATION

ENFORCEMENT INFORMATION:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

RCRA GENERATOR SITE

SEARCH ID: 2

DIST/DIR: 0.15 NE

MAP ID: 5

NAME: PHOTO WORLD
ADDRESS: 433 HOPE ST
BRISTOL RI 02809

REV: 2/14/05
ID1: RID987479458
ID2:
STATUS: SGN
PHONE: 4012532248

CONTACT: BARRY SCHRUTT

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Silver
D000

**Environmental FirstSearch
Site Detail Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

STATE SPILLS SITE			
SEARCH ID: 17	DIST/DIR: 0.16 NW	MAP ID: 15	
NAME: LUST ADDRESS: 18 STATE STREET BRISTOL RI 02809		REV: 4/10/00 ID1: 94-521 ID2: STATUS: PHONE:	
CONTACT: P SULLIVAN			
SPILL DATE: 10-24-94 STAFF: P SULLIVAN		SPILL NOTIFIER: JOANN/DEM/LUST	
MATERIAL SPILLED: HEATING OIL SPILL AMOUNT REPORTED: INCIDENT: LEAK		SOURCE OF SPILL: INSTALLATION	
LUST?: PCB LEVEL:		SOIL CONTAMINATED?:	

REGISTERED UNDERGROUND STORAGE TANKS			
SEARCH ID: 25	DIST/DIR: 0.16 NW	MAP ID: 15	
NAME: FALUGO S ADDRESS: 18 STATE ST BRISTOL RI		REV: 2/1/05 ID1: 15661 ID2: STATUS: PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
TOTAL NUMBER OF TANKS:	1		
TANK ID:	1		
DATE INSTALLED:	4/25/2001		
STATUS:	PERMANENTLY CLOSED		
CAPACITY (GAL):	1000		
PRODUCT STORED:	HEATING OIL NO.2		

Environmental FirstSearch
Site Detail Report

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

LEAKING UNDERGROUND STORAGE TANKS			
SEARCH ID: 40	DIST/DIR: 0.17 NE	MAP ID: 16	
NAME: TOWN OF BRISTOL	REV: 10/12/04		
ADDRESS: BRISTOL RI	ID1: 0213-LS		
CONTACT:	ID2:	STATUS: SRO - SOIL REMOVAL ONLY	
	PHONE:		
PROJECT DATE: 02/01/1994			

STATE SPILLS SITE			
SEARCH ID: 18	DIST/DIR: 0.17 NE	MAP ID: 16	
NAME:	REV: 4/10/00		
ADDRESS: 9 COURT STREET BRISTOL RI 02809	ID1: 93-117		
CONTACT: D SQUIRES	ID2:	STATUS:	
	PHONE:		
SPILL DATE: 12-22-93	SPILL NOTIFIER: BRISTOL FIRE DEPT		
STAFF: D SQUIRES			
MATERIAL SPILLED: #2 FUEL	SOURCE OF SPILL: UST		
SPILL AMOUNT REPORTED: 60-68 GALLONS			
INCIDENT: RUPTURE			
LUST?: YES	SOIL CONTAMINATED?:		
PCB LEVEL:			

***Environmental FirstSearch
Site Detail Report***

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 22 **DIST/DIR:** 0.17 NE **MAP ID:** 16

NAME: BRISTOL WELFARE DEPARTMENT **REV:** 2/1/05
ADDRESS: 9 CT **ID1:** 02878
BRISTOL RI **ID2:**
CONTACT: **STATUS:**
 PHONE:

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 1
DATE INSTALLED: 4/25/2001
STATUS: PERMANENTLY CLOSED
CAPACITY (GAL): 1000
PRODUCT STORED: HEATING OIL NO.2

**Environmental FirstSearch
Site Detail Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

RCRA GENERATOR SITE

SEARCH ID: 1

DIST/DIR: 0.19 NE

MAP ID: 4

NAME: COUNTY CLEANSERS
ADDRESS: 76 STATE ST
BRISTOL RI 02809

REV: 2/14/05
ID1: RID987472768
ID2:
STATUS: SGN
PHONE: 4012536368

CONTACT: JOSEPH PINHEIRO

SITE INFORMATION

SNC:	N - NO
BOYSNC:	N - NO
GPRA PERMIT:	N - NO
GPRA POSTCLOSURE:	N - NO
GPRA CA:	N - NO
GPRA CME:	N - NO
PERM PROG:	----
PREM WRKLD:	----
CLOSURE WRKLD:	----
P C WRKLD:	----
SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
CA WRKLD:	N - NO
GEN STATUS:	SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF
HAZARDOUS WASTE	

UNIVERSE INFORMATION:

IMPORTER ACTIVITY:	U - UNKNOWN	MIX WASTE GEN:	U - UNKNOWN
RECYCLER ACT:	N - NO	TRANS ACT:	N - NO
TSD ACT:	N - NO	U GRND INJ ACT:	N - NO
UNIV WASTE FAC:		TRANSFER FAC:	U - UNKNOWN
OS BURNER EXEMPT:	U - UNKNOWN	FURNACE EXEMP:	U - UNKNOWN

USED OIL INFORMATION

BURNER:	N - NO	PROCESSOR:	N - NO
REFINER:	N - NO	MARKET BURNER:	N
SPEC MARKETER:	N - NO	TRANSFER FAC:	N - NO
TRANSPORTER:	N - NO		

NAIC INFORMATION

SECOND ID:		OFF SITE RECEIPT:	U - UNKNOWN
ACCESSIBILITY:		COUNTY OWNER:	
FED WSTE GEN OWNER:	HQ	FED WASTE GEN:	2
STATE WSTE GEN OWNER:		STATE WSTE GEN:	

81232 - DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

ENFORCEMENT INFORMATION:

- Continued on next page -

Environmental FirstSearch Site Detail Report

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

RCRA GENERATOR SITE

SEARCH ID: 1	DIST/DIR: 0.19 NE	MAP ID: 4
---------------------	--------------------------	------------------

NAME: COUNTY CLEANSERS
ADDRESS: 76 STATE ST
BRISTOL RI 02809

REV: 2/14/05
ID1: RID987472768
ID2:
STATUS: SGN
PHONE: 4012536368

CONTACT: JOSEPH PINHEIRO

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane

**Environmental FirstSearch
Site Detail Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 24 **DIST/DIR:** 0.19 NE **MAP ID:** 4

NAME: COUNTY CLEANSERS	REV: 2/1/05
ADDRESS: 76 STATE ST	ID1: 02872
BRISTOL RI	ID2:
CONTACT:	STATUS:
	PHONE:

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 1
DATE INSTALLED: 10/1/1962
STATUS: IN USE
CAPACITY (GAL): 2000
PRODUCT STORED: HEATING OIL NO.2

STATE SITE

SEARCH ID: 12 **DIST/DIR:** 0.20 NW **MAP ID:** 10

NAME: J.T. O CONNELL	REV: 7/8/04
ADDRESS: 267 THAMES STREET	ID1: JTOC-HWM
BRISTOL RI 02809	ID2:
CONTACT:	STATUS: INACTIVE
	PHONE:

SITE INFORMATION

PROJECT DATE: 07-14-97

Environmental FirstSearch Site Detail Report

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

STATE SPILLS SITE

SEARCH ID: 16

DIST/DIR: 0.21 NE

MAP ID: 14

NAME: CNR HOPE AND STATE ST
ADDRESS: CNR HOPE AND STATE ST
BRISTOL RI 02809

REV: 4/10/00
ID1: 00-026
ID2:
STATUS:
PHONE:

CONTACT:

SPILL DATE: 01-18-00
STAFF:

SPILL NOTIFIER:

MATERIAL SPILLED: BATTERY ACID

SPILL AMOUNT REPORTED:
INCIDENT:

ACCIDENT

SOURCE OF SPILL: TRUCK

LUST?:
PCB LEVEL:

SOIL CONTAMINATED?:

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 19

DIST/DIR: 0.22 NE

MAP ID: 17

NAME: ANTONIO D ANGELO, ESTATE OF
ADDRESS: 99 STATE ST
BRISTOL RI

REV: 2/1/05
ID1: 18121
ID2:
STATUS:
PHONE:

CONTACT:

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 1
DATE INSTALLED: 4/25/2001
STATUS: PERMANENTLY CLOSED
CAPACITY (GAL): 1500
PRODUCT STORED: HEATING OIL NO.2

Environmental FirstSearch
Site Detail Report

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 41 **DIST/DIR:** 0.23 NE **MAP ID:** 29

NAME: UNITED STATES POSTAL SERVICE	REV: 10/12/04
ADDRESS: 515 HOPE STREET	ID1: 0216-LS
BRISTOL RI	ID2:
CONTACT:	STATUS: SRO - SOIL REMOVAL ONLY
	PHONE:

PROJECT DATE: 9/2/1994

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 30 **DIST/DIR:** 0.23 NE **MAP ID:** 29

NAME: U.S. POST OFFICE BUILDING	REV: 2/1/05
ADDRESS: 515 HOPE ST	ID1: 02205
BRISTOL RI	ID2:
CONTACT:	STATUS:
	PHONE:

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 1

DATE INSTALLED: 4/1/1962

STATUS: PERMANENTLY CLOSED

CAPACITY (GAL): 3000

PRODUCT STORED: HEATING OIL NO.2

*Environmental FirstSearch
Site Detail Report*

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 27

DIST/DIR: 0.24 NE

MAP ID: 27

NAME: REYNOLDS SCHOOL
ADDRESS: 235 HIGH ST
BRISTOL RI

REV: 2/1/05
ID1: 03539
ID2:
STATUS:
PHONE:

CONTACT:

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 1
DATE INSTALLED: 4/25/2001
STATUS: PERMANENTLY CLOSED
CAPACITY (GAL): 5000
PRODUCT STORED: HEATING OIL NO.4

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 23

DIST/DIR: 0.25 NE

MAP ID: 21

NAME: BYFIELD SCHOOL
ADDRESS: HIGH & CHURCH ST
BRISTOL RI

REV: 2/1/05
ID1: 01164
ID2:
STATUS:
PHONE:

CONTACT:

SITE INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 1
DATE INSTALLED: 4/25/2001
STATUS: IN USE
CAPACITY (GAL): 10000
PRODUCT STORED: HEATING OIL NO.2

**Environmental FirstSearch
Site Detail Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

STATE SITE			
SEARCH ID: 6	DIST/DIR: 0.26 NE	MAP ID: 9	
NAME: BRISTOL FURNITURE ADDRESS: THAMES & BRADFORD ST BRISTOL RI 02809		REV: 7/8/04 ID1: BFUR-HWM ID2: STATUS: ACTIVE PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
PROJECT DATE: 12-29-98			

STATE SITE			
SEARCH ID: 7	DIST/DIR: 0.26 NE	MAP ID: 9	
NAME: BRISTOL FURNITURE BLDG (FORMER) ADDRESS: 537-539 HOPE ST BRISTOL RI 02809		REV: 7/8/04 ID1: FBFB-HWM ID2: STATUS: ACTIVE PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
PROJECT DATE: 02/26/01			

STATE SITE			
SEARCH ID: 14	DIST/DIR: 0.26 NW	MAP ID: 2	
NAME: PREMIER THREAD/COATS AMERICA ADDRESS: 345 THAMES STREET BRISTOL RI		REV: 7/8/04 ID1: PTCA-HWM ID2: STATUS: ACTIVE PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
PROJECT DATE: 11/26/01			

***Environmental FirstSearch
Site Detail Report***

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 36 **DIST/DIR:** 0.37 NE **MAP ID:** 13

NAME: FORMISANO	REV: 10/12/04
ADDRESS: 310 HIGH ST BRISTOL RI	ID1: 0223-ST
CONTACT:	ID2:
	STATUS: I - INACTIVE
	PHONE:

PROJECT DATE: 7/24/1997

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 37 **DIST/DIR:** 0.37 SE **MAP ID:** 25

NAME: LOBSTER POT RESTAURANT	REV: 10/12/04
ADDRESS: 119 HOPE STREET BRISTOL RI	ID1: 0214-LS
CONTACT:	ID2:
	STATUS: SRO - SOIL REMOVAL ONLY
	PHONE:

PROJECT DATE: 3/19/1994

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 31 **DIST/DIR:** 0.39 NW **MAP ID:** 18

NAME: BARNADE BILLS	REV: 10/12/04
ADDRESS: 444-448 THAMES ST BRISTOL RI	ID1: 0224-LS
CONTACT:	ID2:
	STATUS: SRO - SOIL REMOVAL ONLY
	PHONE:

PROJECT DATE: 3/13/1998

**Environmental FirstSearch
Site Detail Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

STATE SITE			
SEARCH ID: 8	DIST/DIR: 0.52 NE	MAP ID: 3	
NAME: BRISTOL INDUSTRIAL PARK ADDRESS: WOOD STREET BRISTOL RI 02809		REV: 7/8/04 ID1: BIP-HWM ID2: STATUS: ACTIVE PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
PROJECT DATE:			

STATE SITE			
SEARCH ID: 13	DIST/DIR: 0.61 NW	MAP ID: 11	
NAME: NARR ELECTRIC-HOPE ST MGP ADDRESS: HOPE & WASHINGTON ST BRISTOL RI 02809		REV: 7/8/04 ID1: NECB-HWM ID2: STATUS: ACTIVE PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
PROJECT DATE: 01/27/94			

STATE SITE			
SEARCH ID: 15	DIST/DIR: 0.65 NW	MAP ID: 12	
NAME: TOPSIDE LOUNGE ADDRESS: 799-805 HOPE STREET BRISTOL RI 02809		REV: 7/8/04 ID1: TOPS-HWM ID2: STATUS: INACTIVE PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
PROJECT DATE: 04/10/97			

**Environmental FirstSearch
Site Detail Report**

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

STATE SITE			
SEARCH ID: 9	DIST/DIR: 0.77 NE	MAP ID: 1	
NAME: BUTTONWOOD INDUSTRIAL - FULFEX ADDRESS: 40-45 BUTTONWOOD & FRANKLIN BRISTOL RI 02809		REV: 7/8/04 ID1: BICF-HWM ID2: STATUS: ACTIVE PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
PROJECT DATE: 06-08-98			

STATE SITE			
SEARCH ID: 11	DIST/DIR: 0.77 NE	MAP ID: 1	
NAME: BUTTONWOOD INDUSTRIAL COMPLEX ADDRESS: 40-45 BUTTONWOOD & FRANKLIN BRISTOL RI 02809		REV: 7/8/04 ID1: BIC-SFA ID2: STATUS: ACTIVE PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
PROJECT DATE: 03/03/93			

STATE SITE			
SEARCH ID: 10	DIST/DIR: 0.77 NE	MAP ID: 1	
NAME: BUTTONWOOD INDUSTRIAL - MINER ADDRESS: 40-45 BUTTONWOOD & FRANKLIN BRISTOL RI 02809		REV: 7/8/04 ID1: BICM-HWM ID2: STATUS: INACTIVE PHONE:	
CONTACT:			
<u>SITE INFORMATION</u>			
PROJECT DATE: 06-08-98			

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

TARGET SITE: 125 THAMES ST
BRISTOL RI 02809

JOB: 32938
ROBIN RUG

Street Name	Dist/Dir	Street Name	Dist/Dir
Byfield St	0.09 NE		
Church St	0.05 NW		
Constitution St	0.06 SE		
Court St	0.14 NE		
High St	0.22 NE		
Hope St	0.08 -E		
John St	0.10 NW		
Milk St	0.15 NE		
Noyes Ave	0.25 SE		
Pleasant St	0.17 SE		
School Ct	0.18 NE		
State St	0.16 NW		
Summer St	0.25 SE		
Thames St	0.00 --		
Union St	0.19 SE		
Wardwell St	0.25 NE		
Williams St	0.23 SE		

APPENDIX C

FIELD CARDS



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value: 39200
Building: 2500
Total Value: 41700

Parcel Identification

Map: 10 26 State Code: 15
Location: JOHN ST
Name: RUSS-RUSS REALTY CO
Address: 125 THAMES ST
BRISTOL RI 028091815

Sale Information

Sales Price: Book:
Sale Date: Page:
Account #: 18370500

Land Information

Zoning: 5000 Water: Waterfront:
Land Area: 2809 Sewer: View:

Building Information

Design: Living: 0
Year Built: 0 Basement Area: 0
Height: 0 Basement Finished: 0
Heat: Electric BB Garages:
Fireplaces: None Sheds:
Plumb. Fixtures: 0 Barns:
Rooms: 0 A.G. Pools:
Bedrooms: 0 B.G. Pools:
Baths: 0 Full Baths 0 Half Baths Greenhouses:
Tennis Courts:

Depreciation

Physical: None Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value:	125600
Building	6900
Total Value:	132500

Parcel Identification

Map: 10 27 State Code: 15
 Location: THAMES ST
 Name: RUSS-RUSS REALTY CO
 Address: 125 THAMES ST
 BRISTOL RI 028091815

Sale Information

Sales Price: Book:
 Sale Date: Page:
 Account #: 18370500

Land Information

Zoning: 5000 Water: Waterfront:
 Land Area: 6875 Sewer: View:

Building Information

Design:	Living	0
Year Built:	Basement Area:	0
Height:	Basement Finished:	0
Heat:	Garages:	
Fireplaces:	Sheds:	
Plumb. Fixtures:	Barns:	
Rooms:	A.G. Pools:	
Bedrooms:	B.G. Pools:	
Baths:	Greenhouses:	
	Tennis Courts:	

Baths: 0 Full Baths 0 Half Baths

Depreciation

Physical: None Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value: 131100
Building: 7500
Total Value: 138600

Parcel Identification

Map: 10 32 State Code: 15
Location: THAMES ST
Name: RUSS-RUSS REALTY CO
Address: 125 THAMES ST
BRISTOL RI 028091815

Sale Information

Sales Price: Book:
Sale Date: Page:
Account #: 18370500

Land Information

Zoning: 5000 Water: Waterfront:
Land Area: 8700 Sewer: View:

Building Information

Design: Living: 0
Year Built: 0 Basement Area: 0
Height: 0 Basement Finished: 0
Heat: Electric BB Garages:
Fireplaces: None Sheds:
Plumb. Fixtures: 0 Barns:
Rooms: 0 A.G. Pools:
Bedrooms: 0 B.G. Pools:
Baths: 0 Full Baths 0 Half Baths Greenhouses:
Tennis Courts:

Depreciation

Physical: None Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value: 144700
Building: 0
Total Value: 144700

Parcel Identification

Map: 10 41 State Code: 14
Location: THAMES ST
Name: RUSS-RUSS REALTY CO
Address: 125 THAMES ST
BRISTOL RI 028091815

Sale Information

Sales Price: Book:
Sale Date: Page:
Account #: 18370500

Land Information

Zoning: 5000 Water: Waterfront:
Land Area: 13213 Sewer: View:

Building Information

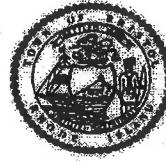
Design: Living: 0
Year Built: Basement Area: 0
Height: Basement Finished: 0
Heat: Garages:
Fireplaces: Sheds:
Plumb. Fixtures: 0 Barns:
Rooms: 0 A.G. Pools:
Bedrooms: B.G. Pools:
Baths: Greenhouses:
Tennis Courts:

Depreciation

Physical: Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value:	359100
Building	1102610
Total Value:	1461710

Parcel Identification

Map: 10 42 State Code: 07
 Location: 125 THAMES ST
 Name: RUSS-RUSS REALTY CO
 Address: 125 THAMES ST
 BRISTOL RI 028091815

Sale Information

Sales Price: Book:
 Sale Date: Page:
 Account #:

Land Information

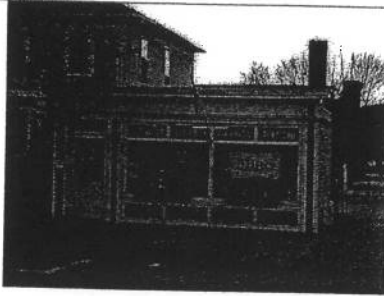
Zoning: 5000 Water: Water Waterfront: Waterfront
 Land Area: 51821 Sewer: View:

Building Information

Design: Manufacturing	Living: 81141
Year Built: 1900	Basement Area: 0
Height: 4	Basement Finished: 0
Heat: Forced Air	Garages:
Fireplaces: None	Sheds:
Plumb. Fixtures: 0	Barns:
Rooms:	A.G. Pools:
Bedrooms:	B.G. Pools:
Baths:	Greenhouses:
Depreciation	Tennis Courts:
Physical: 45%	Functional: 15%
Economical: None	



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value: 144400
Building: 34000
Total Value: 178400

Parcel Identification

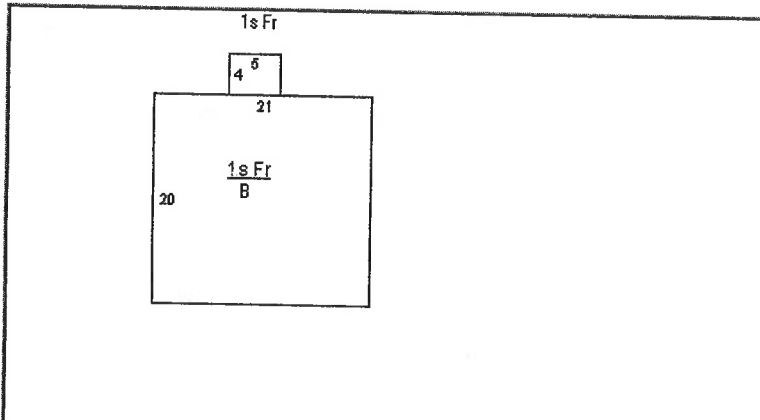
Map: 10 43 State Code: 06
Location: 317 HOPE ST
Name: KARIAN REALTY CO.
Address: 125 THAMES ST.
BRISTOL RI 028091815

Sale Information

Sales Price: Book:
Sale Date: Page:
Account #: 11002208

Land Information

Zoning: 5000 Water: Waterfront:
Land Area: 6278 Sewer: View:



Building Information

Design: Retail Stores Living: 440
Year Built: 1919 Basement Area: 420
Height: 1 Basement Finished: 0
Heat: Hot Water BB Garages:
Fireplaces: None Sheds:
Plumb. Fixtures: 3 Barns:
Rooms: 0 A.G. Pools:
Bedrooms: 0 B.G. Pools:
Baths: 0 Full Baths 1 Half Baths Greenhouses:
Tennis Courts:
Depreciation
Physical: 35% Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value:	<input type="text" value="158100"/>
Building	<input type="text" value="0"/>
Total Value:	<input type="text" value="158100"/>

Parcel Identification

Map: State Code:
 Location:
 Name:
 Address:

Sale Information

Sales Price:
 Sale Date:
 Book:
 Page:
 Account #: 18370500

Land Information

Zoning: Water: Waterfront:
 Land Area: Sewer: View:

Building Information

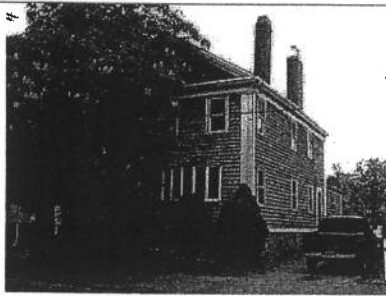
Design: <input type="text"/>	Living <input type="text" value="0"/>
Year Built: <input type="text"/>	Basement Area: <input type="text" value="0"/>
Height: <input type="text"/>	Basement Finished: <input type="text" value="0"/>
Heat: <input type="text"/>	Garages: <input type="text"/>
Fireplaces: <input type="text"/>	Sheds: <input type="text"/>
Plumb. Fixtures: <input type="text" value="0"/>	Barns: <input type="text"/>
Rooms: <input type="text" value="0"/>	A.G. Pools: <input type="text"/>
Bedrooms: <input type="text"/>	B.G. Pools: <input type="text"/>
Baths: <input type="text"/>	Greenhouses: <input type="text"/>
	Tennis Courts: <input type="text"/>

Depreciation

Physical: Functional: Economical:



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value: 188200
Building: 215120
Total Value: 403320

Parcel Identification

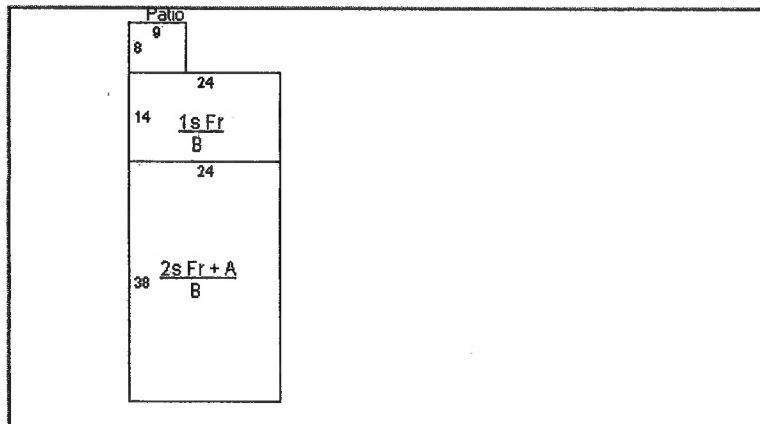
Map: 10 49 State Code: 02
Location: 70 THAMES ST
Name: KARIAN, RUSSELL
Address: P.O. BOX 656
125 THAMES STREET
BRISTOL RI 028090656

Sale Information

Sales Price: Book:
Sale Date: Page:
Account #: 11002203

Land Information

Zoning: 5000 Water: Water Waterfront:
Land Area: 13734 Sewer: View:



Building Information

Design: 2 Family	Living: 2616
Year Built: 1890	Basement Area: 1248
Height: 2 Story	Basement Finished: 0
Heat: BB Hot Water	Garages: 1 Gar 252 SF
Fireplaces: None	Sheds:
Plumb. Fixtures: 10	Barns:
Rooms: 13	A.G. Pools:
Bedrooms: 3	B.G. Pools:
Baths: 2 Full Baths 1 Half Baths	Greenhouses:
	Tennis Courts:

Depreciation
Physical: 35% Functional: None Economical: None



Land Value: 112300
 Building: 130980
 Total Value: 243280

Parcel Identification

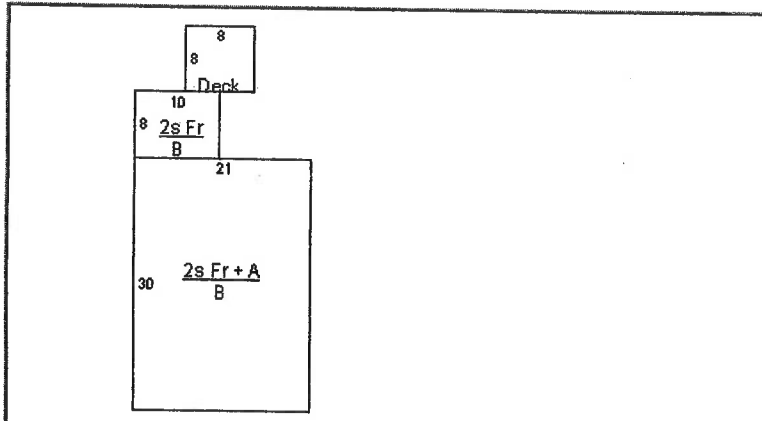
Map: 10 50 State Code: 01
 Location: 60 THAMES ST
 Name: KARIAN, RUSSELL
 Address: 4 OWEN LANE
 BARRINGTON RI 02806

Sale Information

Sales Price: 212000 Book: 1047
 Sale Date: 8/29/2003 Page: 90
 Account #: 11002201

Land Information

Zoning: 5000 Water: Water Waterfront:
 Land Area: 2528 Sewer: View:



Building Information

Design: Convntl
 Year Built: 1800
 Height: 2 Story
 Heat: BB Hot Water
 Fireplaces: None
 Plumb. Fixtures: 7
 Rooms: 7
 Bedrooms: 3
 Baths: 1 Full Baths 1 Half Baths

Living: 1735
 Basement Area: 710
 Basement Finished: 0
 Garages:
 Sheds:
 Barns:
 A.G. Pools:
 B.G. Pools:
 Greenhouses:
 Tennis Courts:

Depreciation

Physical: 35% Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value:	138500
Building	2184940
Total Value:	2323440

Parcel Identification

Map: 10 60 State Code: 07
 Location: THAMES ST
 Name: RUSS-RUSS REALTY CO
 Address: 125 THAMES ST
 BRISTOL RI 028091815

Sale Information

Sales Price: _____ Book: _____
 Sale Date: _____ Page: _____
 Account #: 18370500

Land Information

Zoning: 5000 Water: _____ Waterfront: Waterfront
 Land Area: 33656 Sewer: _____ View: _____

Building Information

Design: Manufacturing	Living: 82320
Year Built: 1900	Basement Area: 20580
Height: 4	Basement Finished: 0
Heat: Forced Air	Garages: _____
Fireplaces: None	Sheds: _____
Plumb. Fixtures: 14	Barns: _____
Rooms: 0	A.G. Pools: _____
Bedrooms: 0	B.G. Pools: _____
Baths: 0 Full Baths 0 Half Baths	Greenhouses: _____
	Tennis Courts: _____

Depreciation

Physical: 50% Functional: 15% Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value:	78500
Building	0
Total Value:	78500

Parcel Identification

Map: 10 61 State Code: 15
 Location: THAMES ST
 Name: RUSS-RUSS REALTY CO
 Address: 125 THAMES ST
 BRISTOL RI 028091815

Sale Information

Sales Price: _____ Book: _____
 Sale Date: _____ Page: _____
 Account #: 18370500

Land Information

Zoning: 5000 Water: _____ Waterfront: _____
 Land Area: 7130 Sewer: _____ View: _____

Building Information

Design: _____	Living: 0
Year Built: _____	Basement Area: 0
Height: _____	Basement Finished: 0
Heat: _____	Garages: _____
Fireplaces: _____	Sheds: _____
Plumb. Fixtures: 0	Barns: _____
Rooms: 0	A.G. Pools: _____
Bedrooms: _____	B.G. Pools: _____
Baths: _____	Greenhouses: _____
	Tennis Courts: _____

Depreciation

Physical: _____ Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value: 37200
Building: 0
Total Value: 37200

Parcel Identification

Map: 10 62 State Code: 15
Location: CONSTITUTION ST
Name: RUSS-RUSS REALTY CO
Address: 125 THAMES ST
BRISTOL RI 028091815

Sale Information

Sales Price: Book:
Sale Date: Page:
Account #: 18370500

Land Information

Zoning: 5000 Water: Waterfront:
Land Area: 2533 Sewer: View:

Building Information

Design: Living: 0
Year Built: Basement Area: 0
Height: Basement Finished: 0
Heat: Garages:
Fireplaces: Sheds:
Plumb. Fixtures: 0 Barns:
Rooms: 0 A.G. Pools:
Bedrooms: B.G. Pools:
Baths: Greenhouses:
Tennis Courts:
Depreciation
Physical: Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value: 86400
Building: 0
Total Value: 86400

Parcel Identification

Map: 10 68 State Code: 14
Location: THAMES ST
Name: RUSS-RUSS REALTY CO
Address: 125 THAMES ST
BRISTOL RI 028091815

Sale Information

Sales Price: Book:
Sale Date: Page:
Account #: 18370500

Land Information

Zoning: 5000 Water: Waterfront:
Land Area: 4617 Sewer: View:

Building Information

Design: Living: 0
Year Built: Basement Area: 0
Height: Basement Finished: 0
Heat: Garages:
Fireplaces: Sheds:
Plumb. Fixtures: 0 Barns:
Rooms: 0 A.G. Pools:
Bedrooms: B.G. Pools:
Baths: Greenhouses:
Tennis Courts:

Depreciation

Physical: Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value: 52700
Building: 0
Total Value: 52700

Parcel Identification

Map: 10 73 State Code: 15
Location: CONSTITUTION ST
Name: RUSS-RUSS REALTY CO
Address: 125 THAMES ST
BRISTOL RI 028091815

Sale Information

Sales Price: Book:
Sale Date: Page:
Account #: 18370500

Land Information

Zoning: 5000 Water: Waterfront:
Land Area: 2850 Sewer: View:

Building Information

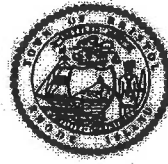
Design: Living: 0
Year Built: Basement Area: 0
Height: Basement Finished: 0
Heat: Garages:
Fireplaces: Sheds:
Plumb. Fixtures: 0 Barns:
Rooms: 0 A.G. Pools:
Bedrooms: B.G. Pools:
Baths: Greenhouses:
Tennis Courts:

Depreciation

Physical: Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value: 56900
Building: 0
Total Value: 56900

Parcel Identification

Map: 10 74 State Code: 13
Location: HOPE ST
Name: KARIAN REALTY CO.
Address: 125 THAMES ST.
BRISTOL RI 028091815

Sale Information

Sales Price: _____ Book: _____
Sale Date: _____ Page: _____
Account #: 11002208

Land Information

Zoning: 5000 Water: Water Waterfront: _____
Land Area: 5140 Sewer: _____ View: _____

Building Information

Design: _____ Living: 0
Year Built: _____ Basement Area: 0
Height: _____ Basement Finished: 0
Heat: _____ Garages: _____
Fireplaces: _____ Sheds: _____
Plumb. Fixtures: 0 Barns: _____
Rooms: 0 A.G. Pools: _____
Bedrooms: _____ B.G. Pools: _____
Baths: _____ Greenhouses: _____
Tennis Courts: _____

Depreciation

Physical: _____ Functional: None Economical: None



Appraisal Resource
Town of Bristol, RI
Property Information



Land Value:	73300
Building	7500
Total Value:	80800

Parcel Identification

Map: 10 76 State Code: 15
 Location: HOPE ST
 Name: KARIAN REALTY CO.
 Address: 125 THAMES ST.
 BRISTOL RI 028091815

Sale Information

Sales Price: _____ Book: _____
 Sale Date: _____ Page: _____
 Account #: 11002208

Land Information

Zoning: 5000 Water: _____ Waterfront: _____
 Land Area: 8435 Sewer: _____ View: _____

Rooms: 0
 Bedrooms: 0
 Baths: 0 Full Baths 0 Half Baths

A.G. Pools: _____
 B.G. Pools: _____
 Greenhouses: _____
 Tennis Courts: _____

Depreciation

Physical: None Functional: None Economical: None

APPENDIX D

BRISTOL ZONING CODE

BRISTOL ZONING CODE

DIMENSIONAL TABLE

EFFECTIVE 4-01-03 (NEW CHANGE)

	R-80	R-40/R40W(1)	R-20 (2)	R-15	R-10	R-10S(W)	R-8	R-6
Minimum Lot Area	80,000 s.f.	40,000 s.f.	20,000 s.f.	15,000 s.f.	10,000 s.f.	10,000 s.f.	8,000 s.f.	6,000 s.f.
Minimum Lot Area per Dwelling Unit	80,000 s.f.	40,000 s.f.	20,000 s.f.	15,000 s.f.	10,000 s.f.	10,000 s.f.	8,000 s.f.	6,000 s.f. for 1st du, plus 4,000 s.f. for each additional du
Minimum Lot Area per Rooming Unit	15,000 s.f.	8,000 s.f.	4,000 s.f.	3,000 s.f.	2,000 s.f.	2,000 s.f.	1,500 s.f.	2,000 s.f.
Minimum Lot Width	150 ft.	150 ft.	120 ft.	100 ft.	80 ft. for 1 du, 120 for 2 du	80 ft. for 1 du, 120 for 2 du	80 ft. for 1 du, 120 for 2 du	60 ft. for 1 du, 80 ft. for 2 du, 100 ft. for all other uses
Minimum Frontage	150 ft.	150 ft.	120 ft.	100 ft.	80 ft.	80 ft.	80 ft.	60 ft.
Maximum Lot Coverage By Structures	20%	20%	25%	25%	25%	25%	25%	30% for residential, 35% for any other use
Minimum Front Yard Setback	40 ft.	40 ft.	35 ft.	35 ft.	30 ft.	30 ft.	30 ft.	Average setback of the block or 20' whichever is less
Note: Corner lots will have more than 1 front yard setback. Yard setback of one of the rear lot lines may be reduced to a side yard setback.								
Minimum Side Yard Setback	25 ft.	25 ft.	20 ft.	20 ft.	15 ft.	15 ft.	15 ft.	10 ft.
Minimum Rear Yard Setback	40 ft.	40 ft.	35 ft.	35 ft.	30 ft.	30 ft.	30 ft.	20 ft.
Maximum Height of Principal Structures	30/35'	30/35'	30/35'	30/35'	30/35'	30/35'	30/35'	30/35' or average of the block, whichever is greater.
Maximum Height of Accessory Structures (feet)	15-20ft.	15-20-ft.	15-20ft.	15-20ft.	15-20ft.	15-20ft.	15-20ft.	15-20ft.
Maximum Size of Accessory Structures	24' x 22'	24' x 22'	24' x 22'	24' x 22'	24' x 22'	24' x 22'	24' x 22'	24' x 22'
		(1) With public water	(2) See conditions for R20SP					(3) With public sewer and water

Z O N I N G C O D E

(2) In the R-20 SP Zone minimum lot area may be reduced to 15,000 square feet if owner provides and pays for connection to public water and sewer on each lot. For any development in the R-20 SP zone, the following additional conditions are required in accordance with the Town Council's change of zone approval:

1. The owner of any lot located on the property must provide and pay for the engineering, design and installation of a road, including all drainage and gravel to service the lot and such improvements must comply with Town standards then in effect, as a condition for issuance of a building permit.
2. The owner shall remove all debris resulting from making such improvements and shall maintain the road in a useable and safe condition, as determined by the Department of Public Works, during all phases of construction.
3. Within one month after the paving of a road by the Town, the owner shall loam and seed a ten foot (10') wide border on each side of the road as specified by the Department of Public Works.
4. The provisions and relief of Section 22-28 of the Bristol Zoning Ordinance shall not apply to this R-20SP Zone.

*Reduction of SR zone requirements to 15,000
(water or sewer)*

RESIDENTIAL TABLE

	LB	D	W	CB	M	OS	FL
Minimum Lot Area (sf)	5,000 sf for business (see (1) for residential)	5,000 sf	5,000 sf	10,000 sf	20,000 sf (2)	80,000 sf	80,000 sf
Minimum Lot Area/DU (sf)	See nearest residential zone	2,500 sf	4,000 sf	N/A ¹	N/A	N/A	N/A
Minimum Lot Area/RU (sf)	4,000 sf	1,000 sf	2,000 sf	N/A ¹	N/A	N/A	N/A
Minimum Lot Width (feet)	60 ft	50 ft	50 ft	100 ft	100 ft	150 ft.	150 ft.
Minimum Frontage (feet)	60 ft	50 ft	50 ft	100 ft	100 ft(3)	150 ft	150 ft
Maximum Lot Coverage by Structures	35%	70%	70%	40%	50%(4)	10%	20%
Maximum Lot Coverage by Structures & Pavement	60%	95%	85%	70%	80%	20%	40%
Maximum Floor Area Ratio	0.5	1.4	1.5	0.5	1	0.2	0.6
Minimum distance of structure from Residential zone boundary (ft.)	25 ft	25 ft	25 ft	25 ft	100 ft(5)	100 ft	50 ft
Minimum Front Yard Setback (feet)	25 ft	0	0	25 ft	30 ft	75 ft	75 ft
Minimum Side Yard Setback (feet)	10 ft	0	0	10 ft	25 ft.(6)	50 ft	50 ft
Minimum Rear Yard Setback (feet)	30 ft	10 ft	10 ft	30 ft	20 ft	50 ft	50 ft

As Amended through September 20, 2001

	LB	D	W	GB	M	OS	FI
Maximum Height of Principal Structure (feet)	35 ft	35 ft	35 ft	35 ft	35 ft	25 ft	See Plan approved with the zoning dated September 20, 2001
Maximum Height of Accessory Structure (feet)	35 ft	35 ft	35 ft	35 ft	35 ft	15 ft	See Plan approved with the zoning dated September 20, 2001

(1) Residential uses within an LB zone shall conform to the dimensional regulations of the nearest residential zone. Where residential zones of different dimensional regulations are equidistant, the more restrictive dimensional regulations shall apply.

(2) In a multi-lot subdivision, the average lot size must be a minimum of 20,000 square feet. With prior Planning Board approval, some lot sizes may be reduced to a minimum lot size of 15,000 square feet, provided that:

- a. the average of the contiguous lots on the street frontage shall be 20,000 square feet, and
- b. the average size of all lots in the whole subdivision is 20,000 square feet or more.

(3) The Planning Board may allow up to a 25% reduction in frontage based on site conditions and/or road layout (i.e., on a lot fronting on a cul-de-sac, the frontage could be reduced, if deemed appropriate).

(4) The Planning Board may allow an increase in the maximum lot coverage by structures from 50% up to 70% provided that:

- a. the first floor area is greater than 50,000 square feet, and
- b. the front of the building includes masonry and landscaping of good design

(5) There shall be a twenty-five foot (25') planted buffer at the edge of the manufacturing district.

- a. The buffer shall be maintained in either natural or landscaped state and shall include trees, shrubs, bushes, and/or other understory growth to mitigate the impact of the manufacturing development on the residential district.
- b. The manufacturer or developer is required to discuss appropriate buffers with the Director of Community Development.
- c. The residential side of the buffer shall be defined with a split rail fence, picket fence, or stone wall. Chain link fences shall not meet the requirements of fencing and shall not be placed on residential zone boundaries.
- d. If a chain link fence is necessary for the manufacturing facility, it shall be placed no less than ten feet (10') from the residential zone boundary and within the buffer; however, access to the buffer for cleaning and maintenance shall be required.

The Planning Board may allow up to a 25% reduction in the distance from a residential zone boundary based on the site conditions and an increase in the size of the planted buffer. For each foot reduced in the distance from the residential zone boundary, the planted buffer shall be increased by 1/2 foot, to compensate for the increased impact on the residential district by the manufacturing use.

(6) One side yard may be reduced to 20 feet, provided that the sum of both side yards is 50 feet or more.

APPENDIX E
PHOTOGRAPHS

Robin Rug, 125 Thames Street,
Bristol, Rhode Island

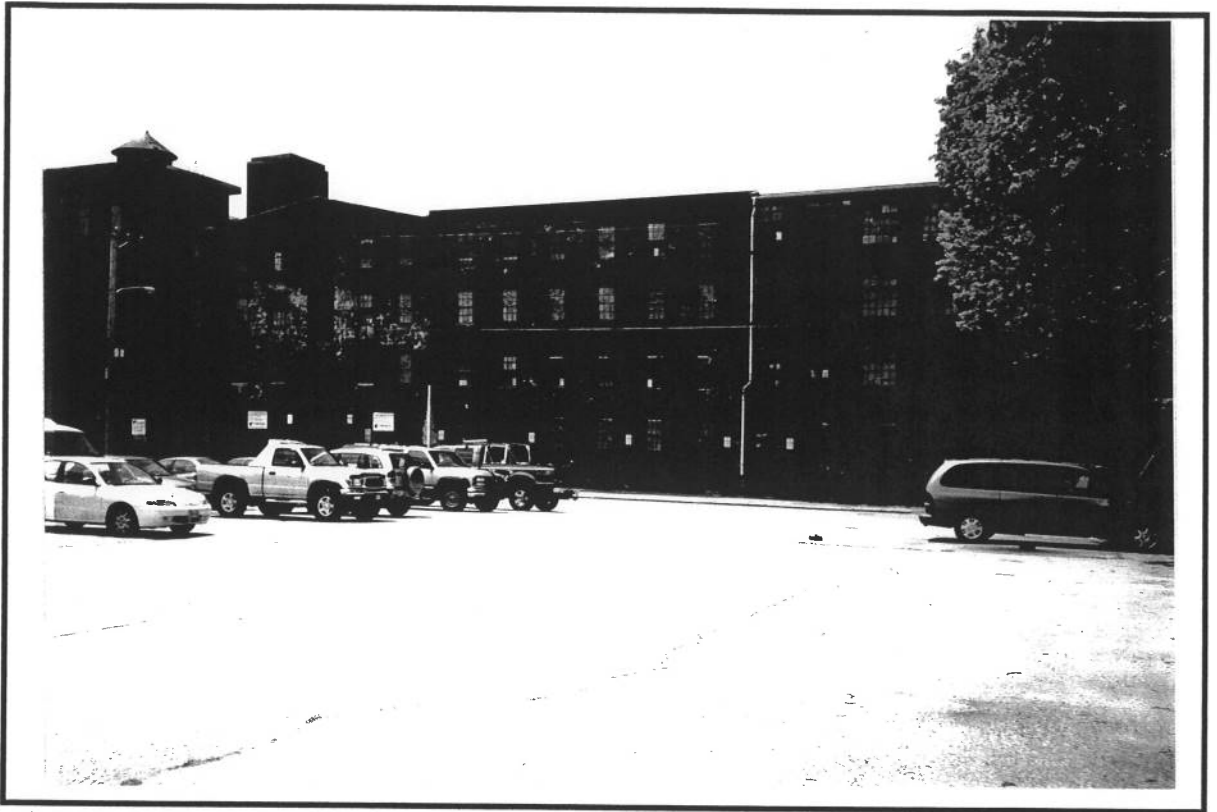


Photo No. 1: View looking west across the 106 Thames Street paved parking area (Lot 41) at the oil fill ports; the 125 Thames Street facility is in the distance.



Photo No. 2: View of oil fill ports and footprint of 20,000-gallons of No 6 heating oil USTs.

Robin Rug, 125 Thames Street,
Bristol, Rhode Island



Photo No. 3: View of 275-gallon AST No. 6 overflow tank in the courtyard area to the north of Building 6.



Photo No. 4: View of 60,000 gallon above ground receiving tank with a below ground concrete storage basin containing a pump and waste separator. Unpaved westerly grassed portion is beyond fence and extends to the seawall.

Robin Rug, 125 Thames Street,
Bristol, Rhode Island

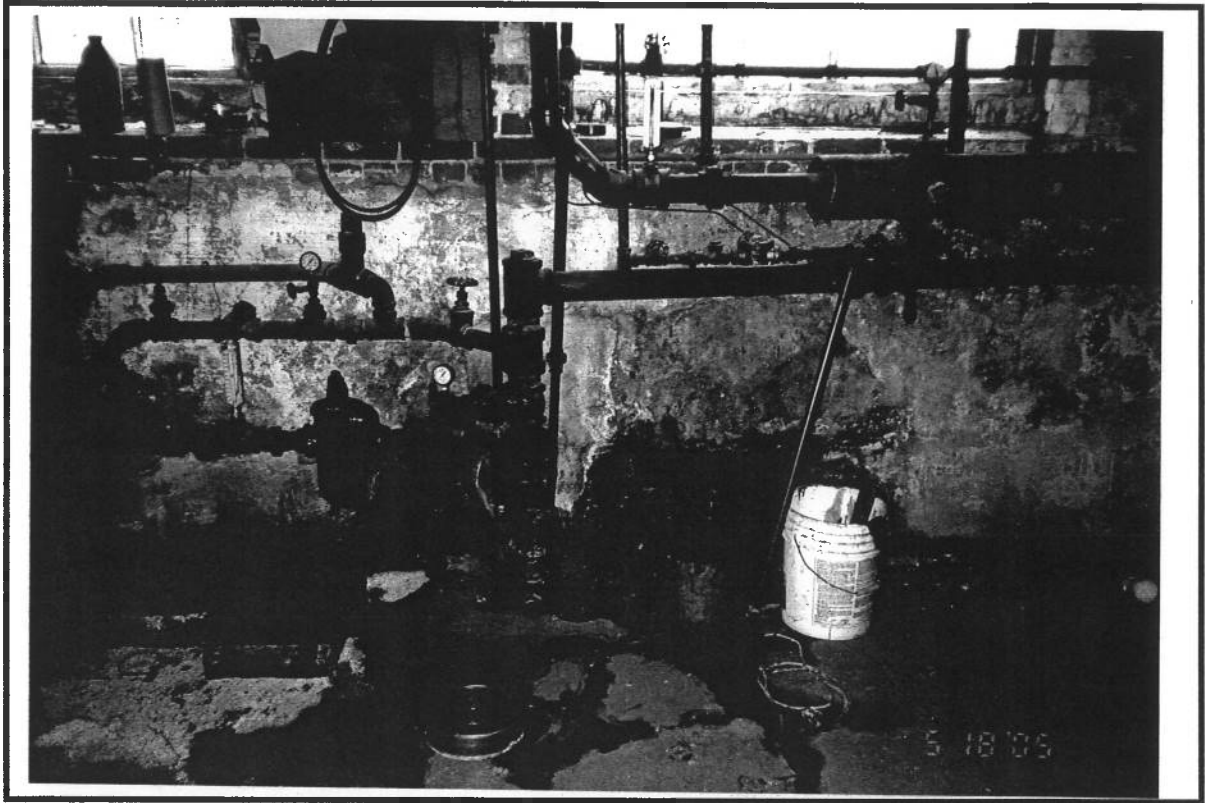


Photo No. 5: Within the lower level of the 125 Thames Street building (i.e., across from the 106 Thames Street paved parking area containing the two USTs), view of supply piping apparently originating from the USTs.

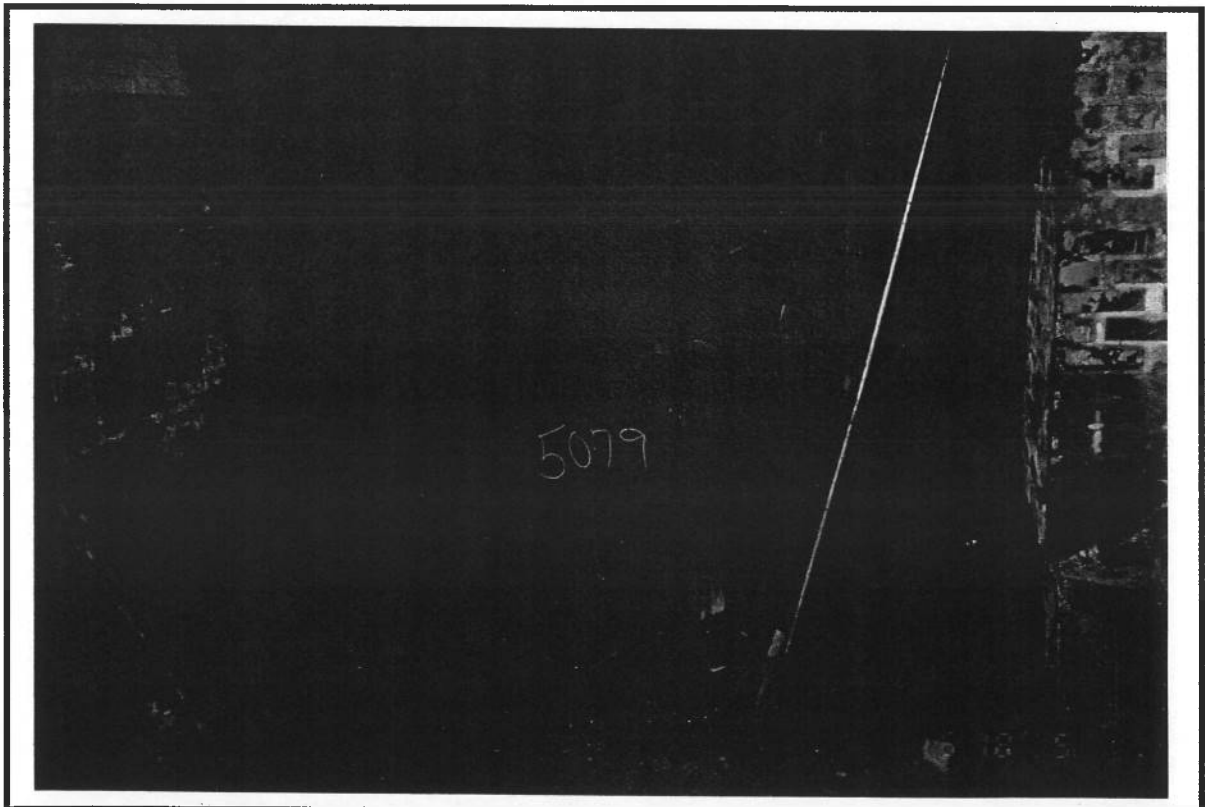


Photo No. 6: View of 5,000 gallon above ground storage tank.

Robin Rug, 125 Thames Street,
Bristol, Rhode Island

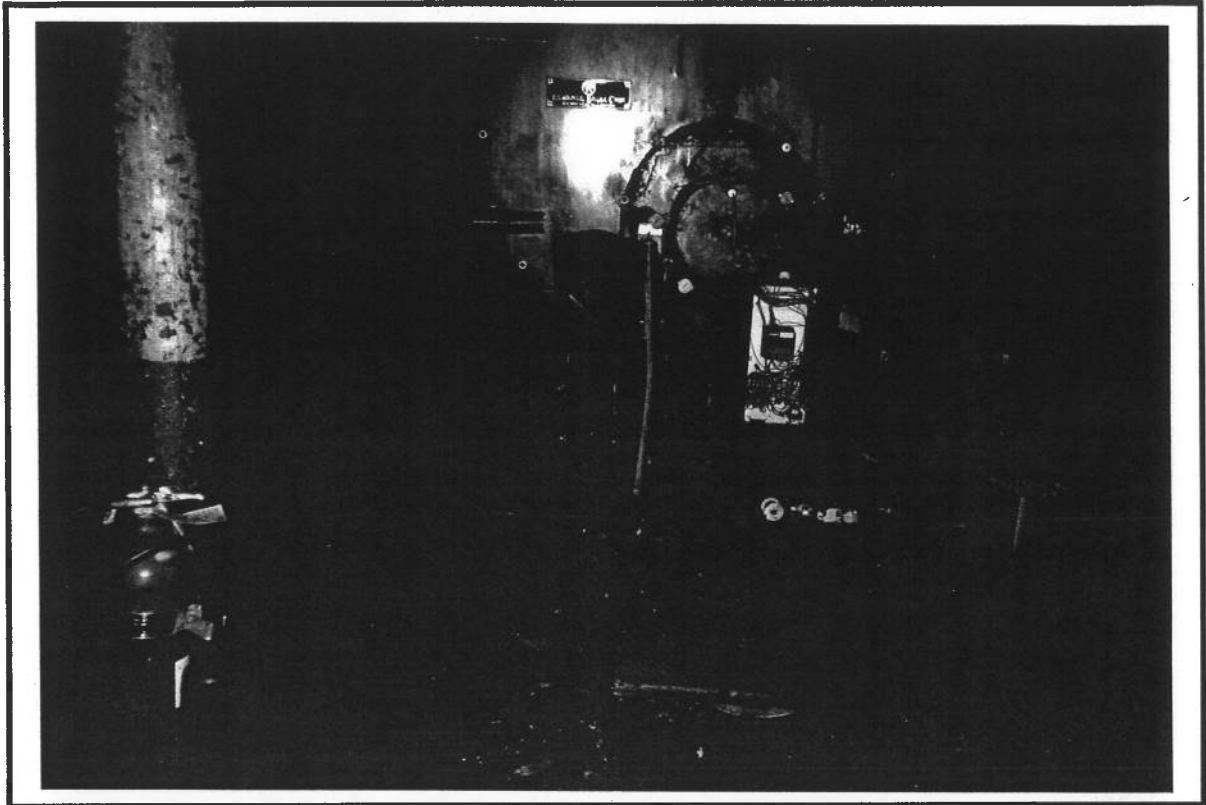


Photo No. 7: Oil-fired boiler.

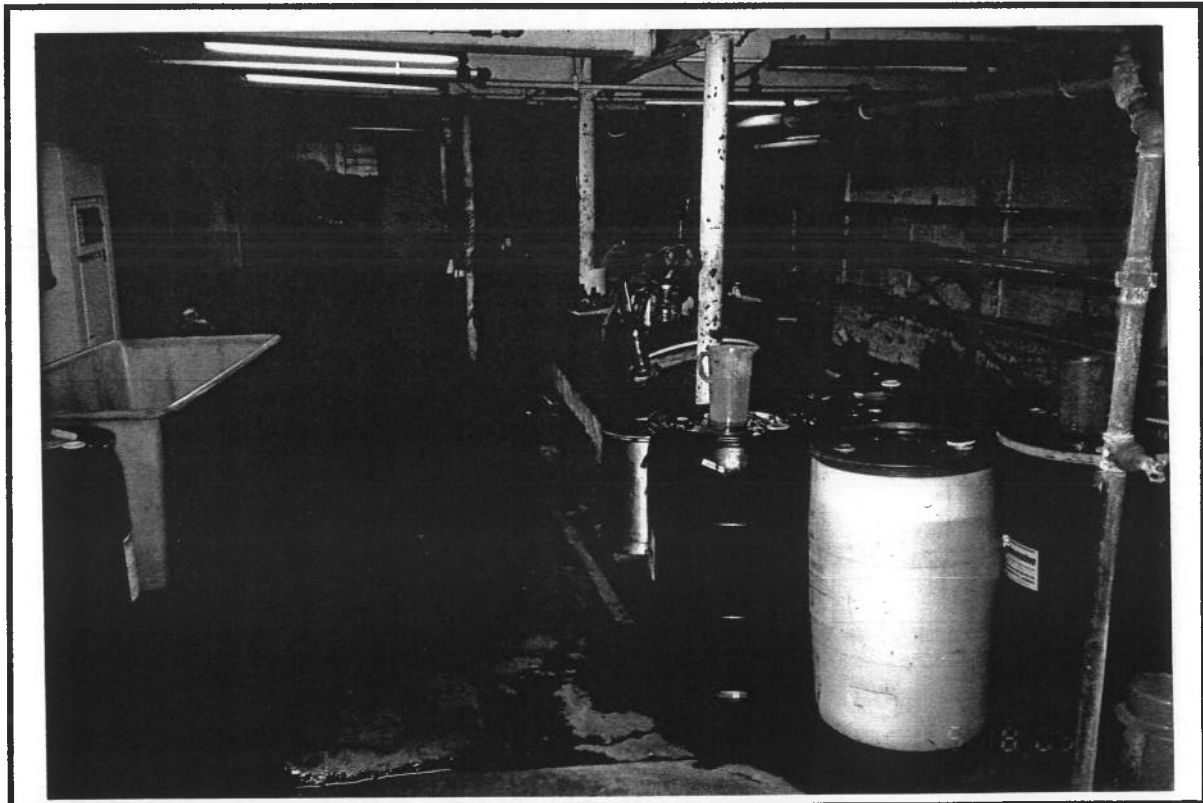


Photo No. 8: View of 55-gallon containers; discolored area beneath containers was determined to be apparently water.

Robin Rug, 125 Thames Street,
Bristol, Rhode Island

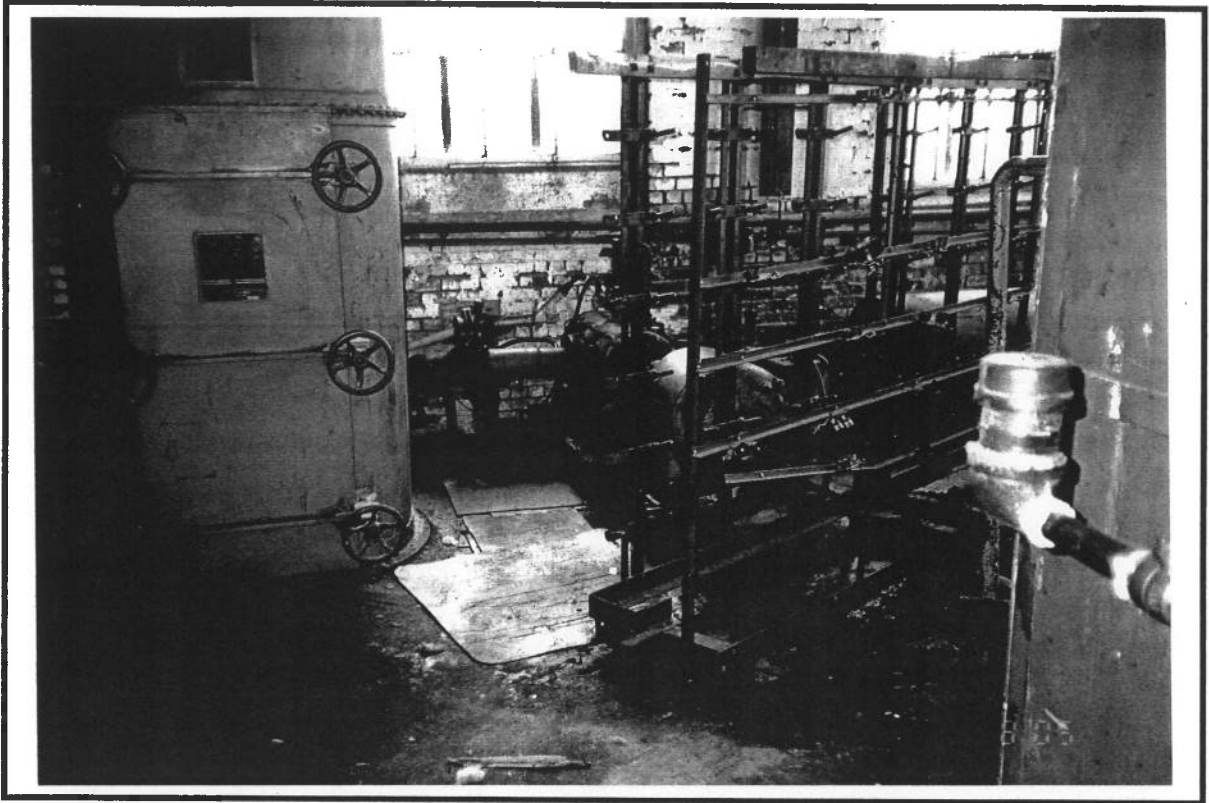


Photo No. 9: Evidence of historical dye stained areas was noted beneath inactive work areas and equipment on the concrete and wooden flooring.

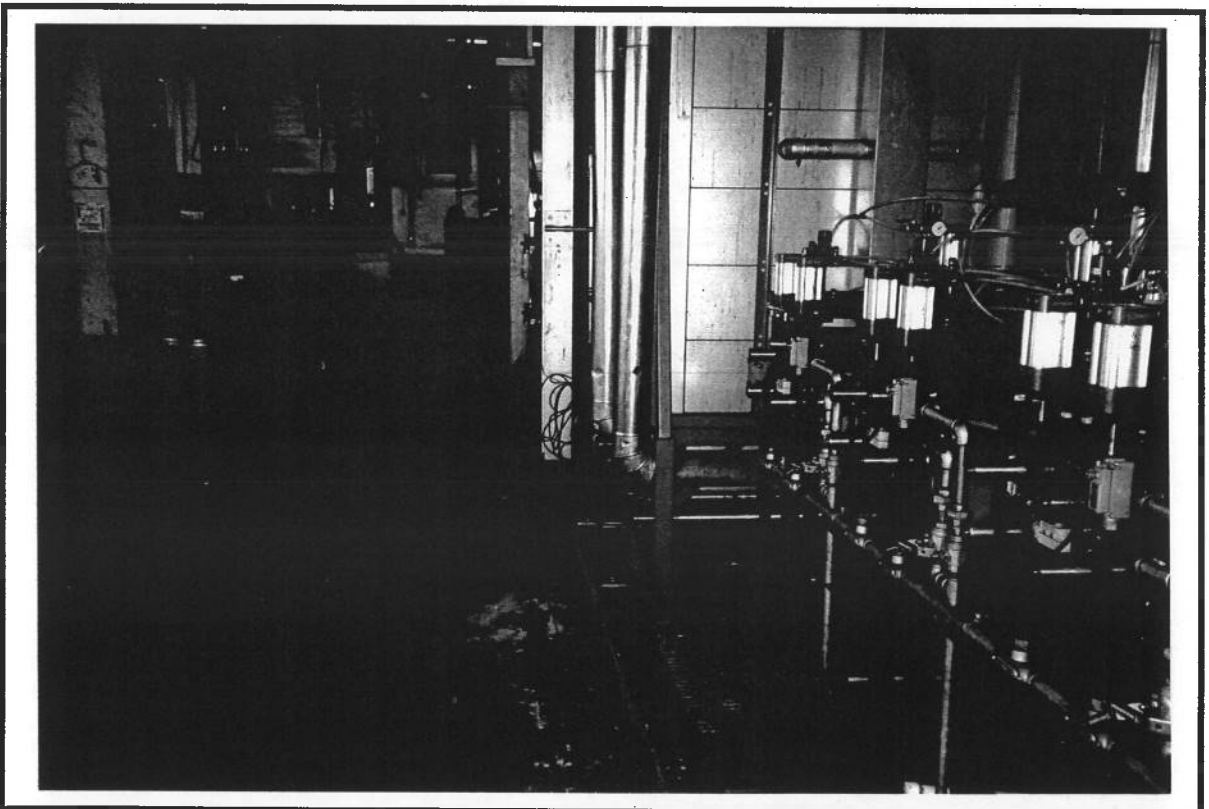


Photo No. 10: The concrete-floored basement in general was observed to be in good condition.

Robin Rug, 125 Thames Street,
Bristol, Rhode Island

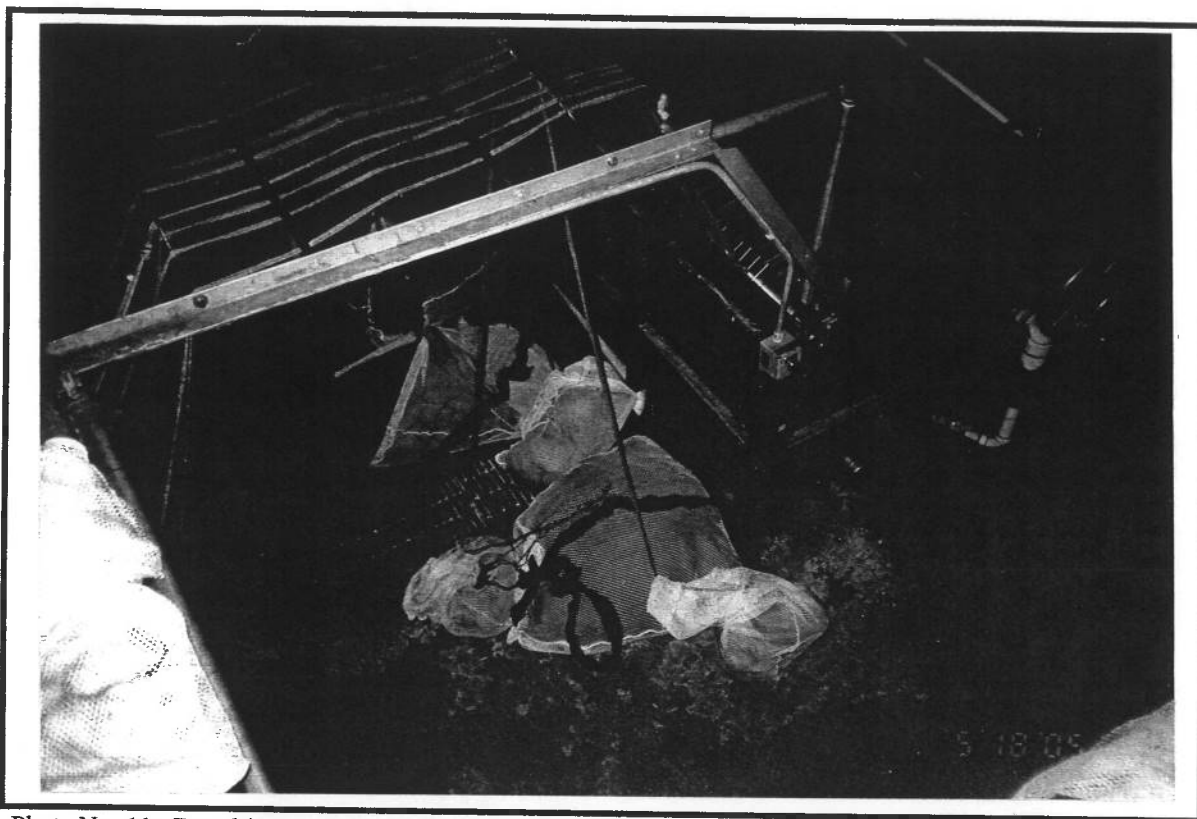


Photo No. 11: Dye drippage from machines is collected by concrete-lined floor trenches.

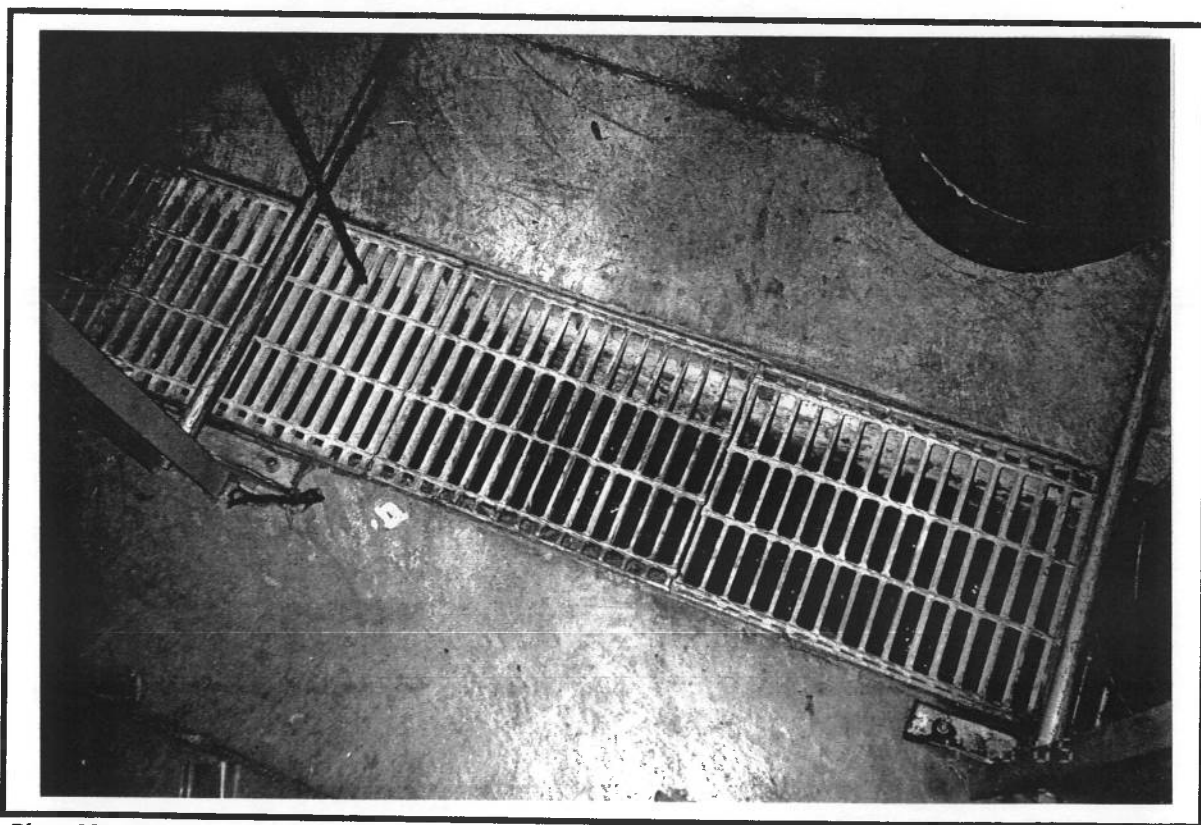


Photo No. 12: Close-up of trench.

Robin Rug, 125 Thames Street,
Bristol, Rhode Island



Photo No. 13: Sump pump.

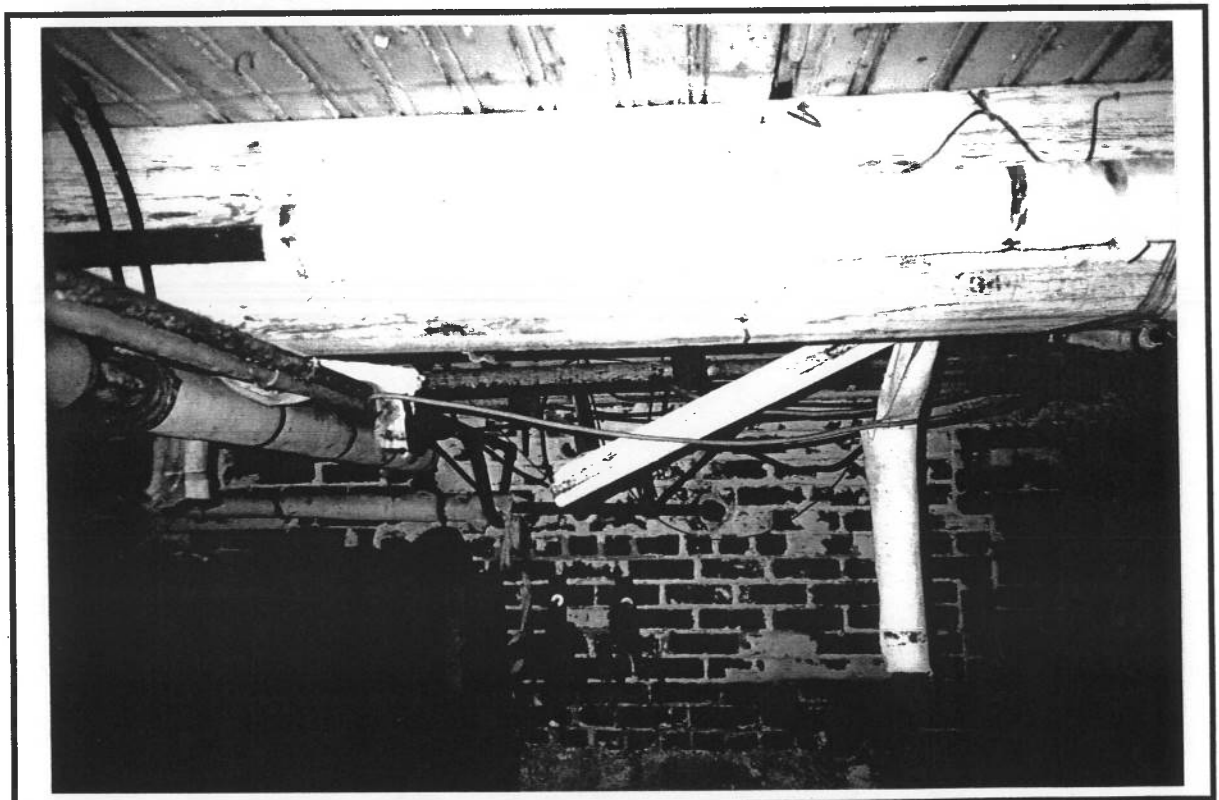


Photo No. 14: Presumed asbestos insulation on piping.

APPENDIX F

BORING LOGS

BORING CO. <u>New Hampshire Boring</u>	BORING LOCATION <u>Downgradient Robin Rug</u>
FOREMAN <u>O'Donnell</u>	GROUND SURFACE ELEV. _____ DATUM _____
GZA ENGINEER <u>Chris Cote</u>	DATE START <u>7/6/05</u> DATE END <u>7/6/05</u>

SAMPLER: UNLESS OTHERWISE NOTED, SAMPLER CONSISTS OF A 2" SPLIT SPOON DRIVEN USING A 140 lb. HAMMER FALLING 30 IN	GROUNDWATER READINGS				
CASING: UNLESS OTHERWISE NOTED, CASING DRIVEN USING A 300 LB HAMMER FALLING 24 IN.	DATE	TIME	WATER	CASING	STABILIZATION TIME
CASING SIZE: _____ OTHER: <u>3 3/4" HSA</u>	<u>7/12/05</u>		<u>5.65'</u>		<u>6 Days</u>

DPTH (FT)	CASING BLOWS	SAMPLE				SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESCRIPTION	EQUIPMENT INSTALLED	FIELD TESTING	R K
		NO	PEN/REC	DEPTH (FT)	BLOWS/6"					
5		S-1	24/18	0-2	4-10	Fine to medium tan SAND, trace Silt, Root,			0.0 ppm	
					13-18	fine Gravel, fine to medium, light gray Sand,			0.0 ppm	
		S-2	24/12	2-4	17-9	trace Silt, fine Gravel			0.0 ppm	
					9-5	S-2: Light gray, fine to medium SAND, trace Silt,		±5' →	0.0 ppm	
		S-3	24/8	4-6	3-28	some fine Gravel, black, fine to medium Sand,			0.0 ppm	
10					43-11	some fine Gravel, yellow, fine to medium Sand			0.0 ppm	
		S-4	24/6	6-8	6-8	S-3: Brown, fine to medium CLAY, some Silt,			0.0 ppm	
					8-6	black, fine to coarse Sand, trace Silt		SCREEN →		
						S-4: Medium GRAVEL, some bits of Glass and refuse				
		S-5	24/12	10-12	2-7	Brick, fine to medium black SAND, some Silt			1.8 ppm	
15					14-8					
		S-6	24/18	15-17	7-8	Gray, fine to medium SAND, some CLAY-			0.0 ppm	
					15-17	SILT				
End of Exploration at ±17'										
20										
25										
30										
35										

REMARKS:

No evidence of petroleum sheen.

Samples were screened with an OVM 580B Photoionization Detector (PID) equipped with a 11.8 ev lamp.

NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES; TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED; FLUCTUATIONS OF GROUNDWATER TABLE MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

BORING CO. New Hampshire Boring BORING LOCATION Downgradient Robin Rug
 FOREMAN O'Donnell GROUND SURFACE ELEV. _____ DATUM _____
 GZA ENGINEER Chris Cote DATE START 7/12/05 DATE END 7/12/05

SAMPLER: UNLESS OTHERWISE NOTED, SAMPLER CONSISTS OF
 A 2" SPLIT SPOON DRIVEN USING A 140 lb. HAMMER FALLING 30 IN
 CASING: UNLESS OTHERWISE NOTED, CASING DRIVEN USING
 A 300 LB HAMMER FALLING 24 IN.
 CASING SIZE: _____ OTHER: 3 3/4" HSA

GROUNDWATER READINGS				
DATE	TIME	WATER	CASING	STABILIZATION TIME
7/12/05		6.12'		6 Days

DPTH (FT)	CASING BLOWS	SAMPLE				SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESCRIPTION	EQUIPMENT INSTALLED	FIELD TESTING	R K
		NO	PEN/REC	DEPTH (FT)	BLOWS/6"					
5		S-1	24/18	0-2	5-14	TOPSOIL	RISER →	0.0 ppm		
					47-62	Fine to coarse SAND, trace Silt, fine Gravel		3.7 ppm		
		S-2	24-8	2-4		Light gray, fine to coarse SAND, trace Silt, Shells, small Boulder encountered		0.0 ppm		
		S-3	24/19	4-6	95-51	Light gray, fine to coarse SAND, fine Gravel, broken Boulder		0.0 ppm		
					23-13					
		S-4	24/9	6-8	17-16	Medium gray, fine to coarse SAND, Silty Clay, trace fine Gravel		0.0 ppm		
10					15-8		SCREEN →	0.0 ppm		
		S-5	24/22	10-12	35-84	Fine to medium, gray SAND, trace Silt, fine Gravel, broken Boulder, trace fine to medium Sand		0.0 ppm		
					37-24					
15						Fine to medium Silty CLAY, fine to coarse Sand, trace Silt, fine to medium, black Sand, Shell Fragments, trace Silt		5.0 ppm		
		S-6	24/15	15-17	34-30					
					31-21					
20						End of Exploration at ±17'				
25										
30										
35										

REMARKS:
 No evidence of petroleum sheen.
 Samples were screened with an OVM 580B Photoionization Detector (PID) equipped with a 11.8 ev lamp.

NOTES:
 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES; TRANSITIONS MAY BE GRADUAL.
 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED; FLUCTUATIONS OF GROUNDWATER TABLE
 MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.