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FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

REMEDIAL INVESTIGATION REPORT
SITE ID #V00380-2

Prepared For

Fyn Paint & Lacquer Co., Inc.

October 2006

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1.0 INTRODUCTION

The following Remedial Investigation Report (RIR) was completed on behalf of the Fyn Paint & Lacquer Co., Inc. (Fyn) by Leggette, Brashears & Graham, Inc. (LBG). The RIR was completed in accordance with the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) requirements for the investigation of soil, ground-water and soil gas contamination. Fyn has entered into the NYSDEC Voluntary Cleanup Program (VCP), and is listed as the volunteer for Site ID #V00380-2, Index No. W2-0873-00-10. The investigation activities summarized in this RIR were conducted on the Fyn property (230 Kent Avenue), Consolidated Edison (Con Ed) property (214 Kent Avenue) as well as areas surrounding these properties, and were conducted in accordance with NYSDEC approved Work Plans. This investigation area is illustrated on the Site Area Map shown on figure 1.

The primary investigation area (Fyn and Con Ed properties) is located between Metropolitan Avenue to the north, North First Street to the south, Kent Avenue to the east and River Street to the west. This RIR summarizes the results of the several investigations previously submitted to the NYSDEC (1998 to 2003) as well as environmental remedial investigation activities performed by LBG following the submission of the Supplemental Investigation Work Plan (Addendum I - Revised) submitted in April 2005. These additional activities consist of soil sampling, installation of additional monitoring wells/ground-water extraction wells, a soil vapor survey, ground-water monitoring and aquifer testing. The results of these investigation activities are summarized in the sections below.

The objective of the remedial investigation was to characterize the extent and degree of contamination present at the Site in order to develop a remedial action capable of effectively reducing and/or eliminating the risk presented to human health and the environment.

2.0 AREA DESCRIPTION

The Fyn Paint & Lacquer Co., Inc. is located in an industrial/commercial area at the intersection of Kent Avenue and North First Street in the Borough of Brooklyn, New York City. The Fyn Paint site consists of a one story industrial/warehouse building. The facility is currently utilized as a paint and lacquer factory. The vicinity of the property consists of industrial, commercial and residential properties.

The footprint of the building is approximately 5,000 ft^2 (square feet) on the first floor and approximately 3,500 ft^2 on the balcony. The building's heating system is provided by steam heat and the electrical service enters the building from Kent Avenue. A small basement is used for the heating oil tank, furnace and controls for the sprinkler system and air compressor. The site is connected to the New York City municipal sewer system.

Adjacent to the north of the Fyn building is a Con Ed property located at 214 Kent Avenue, heretofore referred to as the Con Ed property. This property consists of one story building (currently vacant) and an associated parking lot. The building has an approximate footprint area of 7,500 ft^2 and the associated parking lot has an approximate footprint area of 3,500 ft^2. This property is/was associated with the Con Ed North First Street Terminal (NFST) which historically occupied an area between the East River, North Third Street, Grand Street and Kent Avenue. The NFST was used until April 1, 1998 for storage and distribution via pipeline of #6 oil. A total of over 31 million gallons of #6 oil was stored in six (6) aboveground storage tanks (ASTs) and in one 10,000-gallon underground storage tank (UST) which was located in the parking lot of 214 Kent Avenue.

3.0 GEOLOGY AND HYDROGEOLOGY

The Site is located in the Atlantic Coastal Plain physiographic province. The geology of this province is comprised of interbedded layers of sand, clay and marl. The marine deposits are Cretaceous and Quaternary. The drift deposits are derived from glacial activity that occurred during the Pleistocene. The total thickness of the marine and glacial deposits in Kings County ranges from 0 foot in northwest Brooklyn to 1,100 feet thick in northeastern Brooklyn.

The topography of the area is generally level. The vicinity of the Site is approximately 11 to 15 ft msl (feet above mean sea level). The ground surface at the Site consists of poured concrete and asphalt pavement. The shallow sediments beneath the Site consist of medium and coarse grained brown sand with some silt and trace gravel. In general, the subsurface beneath the area consists of interbedded layers of sand, gravel, clay and silt to approximately 75 feet below ground surface. Bedrock beneath the Site is approximately 75 feet below ground surface. The regional direction of ground-water flow beneath the Site is westerly, toward the East River.

4.0 BACKGROUND

The two facilities in the vicinity of the contaminant source area are Con Ed property located at 214 Kent Avenue and Fyn Paint property located at 230 Kent Avenue. A Site Area Map is shown on figure 1.

4.1 Con Ed Property Historical Investigations

Information provided by Con Ed has shown that in 1996, product containing volatile organic compounds (VOCs) was encountered in soil borings advanced for the cathodic protection installation associated with the Con Ed 10,000-gallon UST. The VOCs detected included toluene, ethylbenzene and xylenes totaling 876,000 mg/l (milligrams per liter) [Con Edison, no date]. The NYSDEC Spill Number 96-04977 was assigned to Con Ed in association with the contamination identified adjacent to the UST. To confirm the results, additional borings were proposed to be advanced in the vicinity of the UST to characterize the subsurface conditions in the area.

Previous Phase I Environmental Site Assessments (ESAs) performed for the two properties identified a number of Recognized Environmental Conditions (REC). These RECs included ASTs and USTs; areas where mycelium was disposed; buried heating coils from a sulfuric acid barge; a lead lined containment basin; ground water, subsurface and shallow soil conditions as well as toxic or hazardous material containers.

A Phase II ESA, performed by Lawler, Matusky & Skelly Engineers, LLP (LMS), was completed on January 14, 2000. This investigation covered the NFST and the former Pfizer property located to the south of Con Ed, between East River, River Street, Grand Street and North First Street.

A storm drain outside one building and a manhole within the building were sampled. The results of both these samples showed that six semivolatile organic compounds (SVOCs) and eleven metals were detected above the NYSDEC Recommended Soil Cleanup Objectives (RSCOs). There were no exceedances of the maximum concentrations for metals using the EPA Toxicity Characteristic Leaching Procedure (TCLP) method.

Soil borings were advanced into the water table at the former oil storage area and former Pfizer site. Laboratory analysis of the soil sample indicated VOC concentrations above the NYSDEC RSCOs. Results for the metal analyses identified ten metals with concentrations above NYSDEC RSCOs.

Ground-water samples were collected from four monitoring wells which previously existed onsite (MW-1, MW-2, MW-3 and MW-4 shown on figure 2) in addition to the thirteen soil borings. Of the four monitoring wells only one (MW-4) contained VOCs in concentrations exceeding the NYSDEC Class GA standards. Seven metals were detected above their respective ground-water quality standards while no SVOCs or polychlorinated biphenols (PCBs) were detected in the four monitoring wells. Ground-water samples collected from the soil borings were generally consistent with the soil samples collected from the same location.

LMS proposed several conceptual remediation alternatives for this site, all of which relied on various assumptions regarding the extent of contamination. The primary recommendation was to further delineate the contamination onsite. Other proposed remediation alternatives include "hot spot" soil excavation, no action/natural attenuation and an air sparging/soil-vapor extraction/vapor treatment system.

4.2 Fyn Paint Property (230 Kent Avenue) Property Historical Investigations

The Fyn Paint & Lacquer Company is a facility which produces paints and lacquers. This facility is a NYSDEC registered Chemical Bulk Facility (ID #2-000151).

In January 1999, Fenley & Nicol Environmental performed the closure of three (3) steel 550-gallon USTs; four (4) steel 1,100-gallon USTs; and one (1) steel 1,500-gallon UST at Fyn.

Following the tank abandonment in February 1999, 8 soil borings were drilled inside of the Fyn Paint building. Selected soil samples were analyzed in the laboratory. The laboratory analysis indicated the presence of ethylbenzene, toluene, o-xylene, m/p xylene and acetone. A UST closure report was prepared by Fenley & Nicol Environmental on March 23, 1999. The report concluded that additional investigation will be necessary in order to define the extent of soil and ground-water contamination at the Fyn Paint site.

Con Ed reported NYSDEC Spill #96-04977 in 1996 for subsurface contamination discovered associated with the Con Ed 10,000-gallon UST. Although this contamination was discovered in 1996 and Con Ed informed NYSDEC that Fyn Paint was a potential contaminant source, the owner of Fyn Paint & Lacquer Co., Inc. was not notified of the spill and their potential involvement by NYSDEC and/or Con Ed.

In November and December 2000, Fenley & Nicol Environmental conducted a limited subsurface investigation in order to determine the ground-water quality beneath the Fyn Paint building. Three temporary ground-water sampling wells were installed in the vicinity of the former USTs.

5.0 FYN PAINT SUBSURFACE REMEDIAL INVESTIGATIONS

5.1 2001 Subsurface Investigation

In 2001, Leggette, Brashears & Graham, Inc. (LBG) conducted a subsurface investigation at the Fyn Paint factory and the adjacent areas including the Con Edison North First Street Facility. The purpose of the investigation was to evaluate the soil and ground-water quality beneath Fyn Paint, Con Edison and the areas surrounding these two facilities.

The subsurface investigation program consisted of the following:

- review the existing environmental data;
- drilling of soil borings by Geoprobe and installation of 1-inch diameter monitor wells;

- drilling and installation of 4-inch diameter monitor wells;
- collection of soil and ground-water samples;
- laboratory analysis of soil and ground-water samples;
- monitor wells and Geoprobe points survey; and,
- data evaluation and preparation of report.

5.1.1 Drilling and Soil Sampling

On May 3 and May 4, 2001, LBG personnel supervised the drilling of Soil Borings GP-1, GP-2, GP-3 and GP-4. The soil borings were drilled using the Geoprobe drilling technique. The boring locations are shown on figure 2. During the drilling, soil samples were collected continuously using a 4-foot macrocore sampling device.

Each soil sample was visually examined by an LBG hydrogeologist, described on a geologic log and screened for the presence of petroleum hydrocarbon components using a photoionization detector (PID). The soil sample which exhibited the highest headspace-vapor concentration was submitted to American Analytical Laboratories (American) for analysis by EPA Methods 8260 and 8270.

On May 8 and May 9, 2001, LBG personnel supervised the drilling of Soil Borings MW-5, MW-6, MW-7 and MW-8. The soil borings were drilled using the hollow-stem auger drilling technique. Boring locations are shown on figure 2. Soil samples were collected at 5-foot intervals with a split-spoon sampler, logged, screened with a PID and packaged for laboratory analysis by EPA Methods 8260 and 8270.

On May 30, 2001, LBG personnel supervised the drilling of Soil Borings CE-1, CE-2, CE-3 and CE-4, shown on figure 2. The borings were also completed by using the Geoprobe drilling technique. Soil samples were collected continuously using a 4-foot macrocore sampling device. Soil samples were logged, screened with a PID and the sample from each boring with the highest PID reading was split with Mr. Edward Schwetz of LMS, consultants for Con Ed and LBG's portion was packaged for labora-

tory analysis by EPA Methods 8260 and 8270. The drilling and installation of monitor wells was also observed by Mr. Schwetz of LMS.

5.1.2 Monitor Well Installation

On May 3 and 4, 2001 and May 30, 2001, LBG personnel supervised the installation of Microwells GP-1, GP-2, GP-3, CE-1, CE-2, CE-3 and CE-4, each immediately after the completion of its respective soil boring. Boring GP-4 was not completed as a microwell because no water was encountered during drilling. Each microwell is constructed with a 5-foot length of 1-inch diameter, 0.020-slot, PVC well screen. The top of the well screen is between 5 feet (GP-2) and 11 feet (GP-3) below grade. A 1-inch diameter, PVC riser pipe extents from the top of the screen to the surface. Each well is completed at grade with a bolt-down roadbox and a locked plug. Geologic logs and well construction diagrams are included in Appendix I.

On May 8 and 9, 2001, LBG personnel supervised the installation of Monitor Wells MW-5, MW-6, MW-7 and MW-8, each immediately after the completion of its respective soil boring. Monitor Wells Mw-1, MW-2, MW-3 and MW-4 were previously installed by con Edison as part of NYSDEC's licensing requirement of the NFST property, a major oil storage facility. Monitor Wells MW-5, MW-6, MW-7 and MW-8 are each constructed with a 10-foot length of 4-inch diameter, 0.020-slot, PVC well screen and 4-inch diameter, PVC riser pipe extending from the top of the well screen to grade. The screened formation interval varied; MW-5 is screened from 10-20 ft bg (feet below grade), MW-8 from 15-25 ft bg and MW-6 and MW-7 are screened from 20-30 ft bg.

The annular space around the MW-5, MW-6, MW-7 and MW-8 well screens were filled with No. 2 sand from the bottom of the boring to 2 feet above the top of the screen. A 1-foot thick bentonite seal was placed above the sand pack and the remaining annular space was filled with drill cuttings.

The location of microwells and 4-inch diameter monitor wells are shown on figure 2.

Each well was completed at grade with a bolt-down roadbox set in concrete and a locking plus. Geologic logs and well construction diagrams are included in Appendix I.

5.1.3 Top of Casing Elevation Survey

On June 20, 2001, LBG personnel conducted a top of casing survey of all monitor wells and microwells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, GP-1, GP-2, GP-3, CE-1, CE-2, CE-3 and CE-4). The elevations were adjusted to the Brooklyn Topographic Datum on the basis of a previously established elevation on Monitor Well MW-3. Top of casing elevations are included in Appendix II.

5.1.4 Fluid-Level Measurement and Ground-Water Sampling

On June 6, 2001, LBG personnel measured fluid levels and total depths in MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, CE-1, CE-2, CE-3, CE-4, GP-1, GP-2 and GP-3. The measurements were used to calculate the volume of standing water within each well. Table 2 summarizes fluid levels for three dates.

On June 6 and 7, 2001, LBG personnel sampled the above referenced wells with the exception of CE-3 and GP-3 which were dry. All ground-water level measurements and sampling was observed by Mr. Schwetz of LMS. Three well volumes of ground water were removed from each well, either with a dedicated polyethylene bailer or with a previously decontaminated, submersible pump. All purge water was contained for later disposal. After the ground-water level within each well recovered, ground-water samples were collected with a dedicated polyethylene bailer. The ground water was equally distributed (split samples) between the bottles supplied to LBG by American and bottles supplied by Mr. Schwetz.

All LBG ground-water samples were relinquished to American, onsite, on June 7, 2001. They were analyzed for VOCs and SVOCs by Environmental Protection Agency (EPA) Methods 8260 and 8270. In addition, ground water from MW-4 and free product samples from CE-1 and CE-2 were analyzed/fingerprinted by Gas Chromatography Flame Ionization Detector (GC-FID) techniques.

5.1.5 Results of 2001 Subsurface Investigation

On the basis of soil samples collected during the drilling, overburden beneath the site consists of generally medium to fine sand and silt. Occasionally, a small amount of gravel was encountered. Bedrock was not encountered to the maximum depth drilled.

Static ground-water levels in all 4-inch diameter monitor wells, as measured on June 6, 2001, ranged between 2.80 ft btoc (feet below top of casing) (MW-3) and 15.82 ft btoc (MW-7). Ground-water flow is westward toward the East River. The average hydraulic gradient across the study area is 0.01.

5.1.5.1 Soil Quality

The results of laboratory analysis indicated that the highest concentrations of VOCs in soil is in the vicinity of CE-1, CE-2, CE-3 (Con Ed parking lot adjacent to Fyn Paint) and GP-3 (beneath Fyn Paint). Xylenes and acetone are the most prevalent VOCs with toluene and ethylbenzene also present at high concentrations. Xylene concentration in the CE-1 soils ample was 3,200,000 ug/kg (micrograms per kilogram) and acetone concentration in the GP-3 soil sample was 640,000 ug/kg. Low concentrations of toluene, ethylbenzene and xylenes were detected in a soil sample collected from the GP-2 boring. Tables summarizing the laboratory results are included in Appendix II. A copy of the full laboratory report is included in Appendix III.

5.1.5.2 Ground-Water Quality

The results of laboratory analysis indicated that ground water from all 13 wells sampled contained detectable VOC concentrations. The highest concentrations of dissolved VOCs were encountered in ground water sampled from Ce-1 and CE-2. Xylenes were the most prevalent Voc and were detected at concentrations of 1,200,000 ug/l (micrograms per liter) and 1,400,000 ug/l in

ground-water samples from CE-1 and CE-2. Other detected VOCs included toluene, ethylbenzene and acetone at concentrations on the order of 10^5 ug/l.

Free-phase product was measured in CE-1 and CE-2 on June 7, 2001, at thicknesses of 0.84 foot and 0.02 foot, respectively. The free-phase product was removed from both wells during sampling on June 7, 2001. On June 20, 2001, measurements of these wells indicated that the free product thickness in CE-1 had recovered to 0.01 foot and there was no free product in CE-2. On July 12, 2001, CE-2 had no water or product in it and CE-1 had a free-product thickness of 0.14 foot.

Detected VOC concentrations in the ground-water sample collected from the downgradient Well MW-4 ranged from 18,000 ug/l to 3,400 ug/l and included acetone, toluene, ethylbenzene and xylene. Acetone, toluene, ethylbenzene and xylene were also detected in ground-water samples from MW-6 and MW-7 (upgradient from the Con Ed and Fyn properties) at concentrations ranging from 6 ug/l to 200 ug/l. Xylene was detected in all wells sampled.

A summary of laboratory results showing VOC concentrations in ground-water samples is included in Appendix IV.

5.2 2003 Subsurface Investigation

In 2003, LBG conducted, on behalf of Fyn Paint, a Supplemental Remedial Investigation at the Site.

5.2.1 Drilling and Soil Sampling

Between July 21 and August 8, 2003, 11 soil borings were completed by Aquifer Drilling & Testing, Inc. (ADT) under LBG supervision. With the exception of Boring MW-16, all drilling was accomplished using the hollow-stem auger method. Two attempts were made to drill the MW-16 boring with an auger but an impassable subsurface obstruction was encountered. MW-16 was completed using a mud-rotary technique. All boring locations were cleared for subsurface utilities and obstructions

either by vacuum truck or hand digging, prior to the start of drilling. Soil was sampled in advance of the auger using a 2-foot split-spoon sampling device. The split spoon was cleaned with alconox and water and rinsed with water between samples.

Soil samples were visually inspected, recorded on a geologic log and screened for the presence of VOCs with a photoionization detector (PID). The soil sample collected from above the ground water interface was placed in laboratory-supplied containers for analysis. If the soil sample exhibiting the highest PID response did not correspond with this interface sample, it too was packaged for laboratory analysis. In some instances where VOCs were detected in soil sampled below the ground water, a soil sample was analyzed to determine the vertical extent of contamination.

Soil was sampled at 2 to 5-foot intervals to the ground water in MW-10 and MW-11 and continuously to where practical beneath the ground water in all other borings. Geologic logs and well construction diagrams are included in Appendix I. All soil samples were sent to Toxikon Corporation (Toxikon) of Bedford, Massachusetts for analysis of VOCs, SVOCs, polychlorinated biphenyls (PCBs), pesticides, cyanide and Target Analyte List (TAL) metals by methods outlined in the EPA SW-846 publication.

5.2.2 Soil Cuttings Analysis and Disposal

Soil cuttings generated during drilling were transferred to DOT approved 55-gallon steel drums and stored temporarily inside the Fyn building pending removal for disposal. Several soil samples from these drums were composited and sent to American Analytical Laboratories for analysis of disposal characteristics in accordance with the disposal facility. The drums were removed from the Fyn building on August 14 and August 28, 2003 by American Environmental Assessment Corporation of Wyandanch, New York. Soil was disposed at Vexor Technology, Inc. of Medina, Ohio. Laboratory analyses and manifests are on file at LBG and are available for review upon request.

5.2.3 Monitor Well Installation

Following the completion of soil borings, a monitor well was installed in each borehole. Because of subsurface obstructions, no monitor wells were installed in Soil Boring MW-9 or the first two MW-16 borings. All monitor wells installed during the Supplemental Investigation with the exception of MW-16, are constructed of 4-inch diameter, Schedule 40, 0.020-slot PVC well screen and 4-inch diameter, Schedule 40 PVC riser pipe. MW-16 was constructed with 2-inch diameter PVC screen and riser pipe. Twenty feet of well screen was set in each boring with the exception of MW-12 where a subsurface obstruction necessitated that 15 feet of screen be used. The annular space surrounding each well screen was filled with No. 2 quartz filter sand from the bottom of the boring to 2 feet above the top of the well screen. A bentonite seal was placed above the sand pack. Wells were completed at grade with a well plug and 8-inch diameter street box. Geologic logs showing the soil characterization, PID concentrations and well construction specifications for soil borings are presented in Appendix I. The newly-installed monitor wells were developed to remove fine material from the sand pack and from within the well screen by surging them with a PVC bailer and evacuating turbid well water with a suction pump or bailer. Approximately 50 gallons of development water was removed from each new well. All development water was contained in 55-gallon drums inside the Fyn building and disposed in the same manner, and on the same dates as the drill cuttings.

5.2.4 Soil Quality

The lab analysis showed the highest concentrations of VOCs (toluene, xylene, ethylbenzene, acetone, isopropylbenzene and naphthalene) in soil to be located in the soil collected from the soil boring for monitoring well MW-15 which is located on the east-northeast corner of the Fyn Paint building along Kent Avenue (see figure 2). MW-11 and MW-12 also had significantly elevated levels of toluene, xylene and ethylbenzene detected in the soil. Of note, the majority of the laboratory detection limits were above the TAMG recommended soil cleanup objectives due to the dilution factor which

was necessary on account of the extremely high concentrations of toluene, xylene and ethylbenzene. Tables summarizing soil quality laboratory results for historical soil samples collected from the Site are included in Appendix III.

5.2.5 Ground Water Quality

In 2003, analysis of ground water samples indicated that twelve wells contained dissolved VOCs at concentrations above NYSDEC TOGS GWQS. In addition, several chlorinated solvents such as PCE, trichloroethene (TCE) and 1,1,1 trichloroethane were detected in ground-water samples collected from MW-5, MW-6 and MW-7. The source of the chlorinated solvents in ground water could not be identified during the subsurface investigation; however the highest concentration of PCE identified throughout the Site in soil and ground water were found in CE-1 and CE-2 (960 ug/l and 1,400 ug/l, respectively) located on Con Ed property in June 2001. Summary tables showing the historical ground-water elevations for wells both onsite and offsite are included in Appendix II and laboratory results for the historical ground-water sampling events conducted for the Site are included in Appendix IV.

Also in 2003, free-phase product was observed in MW-15, CE-1 and MW-9A and had been observed in CE-2 in the past. The greatest thickness was near MW-15. The product appeared to be confined to the area beneath the north wall of the Fyn building and an unknown portion of the Con Ed parking lot north of Fyn. Following the completion of the 2003 investigation, the free-phase product was bailed from the effected wells and stored temporarily inside the Fyn building pending offsite disposal. No additional free-phase product had been detected in the above listed wells after the winter of 2004.

5.2.6 Soil Vapor Survey (2003)

An initial soil vapor sampling round was conducted in July 2003. The soil vapor sampling points are shown on figure 3. The results of this investigation indicated that VOCs were present in soil-gas samples collected from both the perimeter and inte-

rior of the Fyn building. VOCs were detected in every soil-gas sample as well as the ambient air sample. The most prevalent VOC in the soil gas was acetone and was detected at concentrations up to 1,180,000 ppbv (parts per billion by volume) [Sample AS-6]. Other VOCs detected at high concentrations were toluene, xylenes and isopropanol. Additionally, an ambient air sample was collected from inside the Fyn building. The ambient air sample had VOC concentrations that correlated with the soil gas samples, where the compounds detected in the highest concentrations included acetone, toluene and isopropanol. Laboratory results for the historical soil vapor/ambient air sampling events conducted for the Site are included in Appendix V.

5.3 2004 Site Investigation

5.3.1 Site Inspection of Fyn Facility

At the request of the NYSDEC, a site inspection was completed at the Fyn Paint facility. The purpose of the inspection was to obtain an inventory of the materials used for preparing paint, to obtain data regarding the paint preparation process and to evaluate any potential leaks and/or spills at the facility. A copy of this inspection is attached as Appendix VI.

5.3.2 Ground Water Sampling and Analysis

In February 2004, LBG performed a ground-water sampling round, sampling all of the available monitoring wells on and surrounding the Fyn Paint Site. A summary table showing the results of the ground-water sampling round is included in Appendix IV.

5.4 2005 Subsurface Investigation

In 2005, following the NYSDEC approval of the 'Supplemental Investigation Work Plan, (Addendum I – Revised), LBG conducted an additional subsurface investigation on behalf of Fyn Paint. The investigation consisted of:

- supplementary environmental site audit;
- monitor well installation and soil sampling;
- development of the newly installed ground-water wells;
- abandonment of the micro-wells on the Con Ed parking lot;
- soil quality analysis;
- ground-water sampling and analysis;
- a soil vapor survey; and,
- a ground-water pumping test.

5.4.1 Supplemental Environmental Site Audit

In January 2005 an additional site visit was conducted at Fyn Paint in response to an NYSDEC letter dated December 16, 2004. This environmental audit included the following:

- compiling a list of all materials stored in 55-gallon drums located in the factory building; and,
- inspection of onsite drains and pipes and exposure and inspection of all piping located on the first and second floor and basement.

A copy of this report detailing this investigation are included in Appendix VI.

5.4.2 Drilling and Soil Sampling

In 2005, Fyn Paint installed eight (8) additional ground-water monitoring wells (MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26 and MW-27) and two (2) ground-water extraction wells (EW-1 and EW-2). The wells were installed by JNM Environmental under LBG supervision. All drilling was accomplished using the hollow-stem auger method. The locations of these wells are shown on figure 2. Prior to installing the wells, the locations were cleared by hand to a depth of 6 feet below grade. This hand clearing was performed to ensure that no subsurface utilities are located at the proposed well locations. Prior to installing the wells, soil samples were

collected from each location using the Geoprobe drilling method. Discrete samples were collected from each well location to accurately determine the vertical extent of soil contamination. The soil samples were examined in the field by an LBG hydrogeologist. Geologic logs showing the soil characterization, PID concentrations and subsequent well construction specifications for soil borings are presented in Appendix I. The soil sample which exhibited the highest PID concentration for each boring was placed into laboratory supplied containers and stored in a cooler with ice. The soil samples were then submitted to a New York State certified laboratory (AMRO Environmental Laboratories Corporation), under chain of custody procedure, for analysis of VOCs by EPA Method 8260.

Following the soil sampling, the monitoring wells were installed using the hollow stem auger drilling method. The monitoring wells and extraction wells (well screen and riser) were constructed of 2-inch diameter and 4-inch diameter stainless steel, respectively (MW-20 was constructed with 2-inch diameter PVC due to its distance from the source area). Well construction specifications are included on the geologic log for each well. The annular space surrounding each well screen was filled with No. 2 quartz filter sand from the bottom of the boring to 2 feet above the top of the well screen. A two foot bentonite cap was placed above the filter sand and the remaining annular space was backfilled with clean sand. The only variation from this installation method is with MW-27 where the remaining annular space above the bentonite cap was filled with a bentonite/cement grout. Wells were completed at grade with a well plug and 8-inch diameter street box. The soil sampling and well installation activities in the Con Ed parking lot indicated that there are several significant subsurface structures, obstacles, impediments, and/or obstructions present in the subsurface. Monitor well construction are presented in Appendix I.

5.4.3 Development Of The Newly Installed Ground-Water Wells

Following the installation of the eight monitoring and two extraction wells, they were all developed. The purpose of the monitor well development was to ensure

removal of fine grained sediments (fines) from the vicinity of the well screen. This allows the water to flow freely from the formation into the well, and also reduces the turbidity of the water during sampling.

5.4.4 Abandonment Of The Micro-Wells On The Con Ed Parking Lot

In addition to the installation of new wells, the three micro-wells on the Con Ed parking lot (CE-1, CE-2 & CE-3) were removed and the locations backfilled with clean sand and an asphalt cap. Of note, the three micro-wells, which were constructed of 1-inch diameter PVC, were no longer competent wells as the PVC had been compromised due to the nature of the contamination. The screens were closed and the risers were no longer rigid because the PVC had softened. This observation confirmed the selection of stainless steel screen and riser for the newly installed monitoring and ground-water extraction wells at the Site.

5.4.5 Soil Quality Analysis

Soil samples collected prior to the installation of these wells indicated that the highest soil contamination is present in the east end of the Con Ed parking lot. The highest VOC concentrations were found in MW-22 with acetone detected at a concentration of 19,000 ug/kg, total xylenes detected at a concentration of 7,000,000 ug/kg, toluene detected at a concentration of 4,000,000 ug/kg and ethylbenzene detected at a concentration of 1,500,000 ug/kg. VOCs in MW-23 were found in the following concentrations: toluene at 770,000 ug/kg, ethylbenzene at 520,000 ug/kg and total xylenes at 3,050,000 ug/kg. Tables summarizing soil quality laboratory results for historical soil samples collected from the Site are included in Appendix III.

5.4.6 Ground-Water Sampling And Analysis

All of the newly installed wells and the previously installed wells were then included in the quarterly ground-water monitoring program. However, several wells (MW-6, MW-13, MW-15, and MW-25) were not included in the ground-water sam-

pling program as they were either destroyed by city sidewalk repair activities, there was no access or they were abandoned or destroyed. These wells are identified on the summary tables showing the historical ground-water elevations for wells both onsite and offsite are included in Appendix II.

Ground-water monitoring was performed in December 2005, May 2006 and September 2006. The laboratory results for the ground-water samples indicate the continued presence of VOCs in the ground water beneath the area and that the major contaminants at the Site continue to be toluene, xylenes, acetone and ethylbenzene. In addition to the ground-water contamination, free-phase product was observed in Monitoring Wells MW-21, MW-22 and MW-9A. During the September 2006 sampling round, the product was drawn in to monitoring wells MW-21 and MW-22 as a result of the low-flow ground-water sampling from each respective well.

Summary tables showing the historical ground-water elevations for wells both onsite and offsite are included in Appendix II and laboratory results for the historical ground-water sampling events conducted for the Site are included in Appendix IV.

5.4.7 Soil Vapor Survey (2005)

A second soil vapor survey was performed in 2005, both onsite and surrounding the Site, to evaluate the potential impact to adjacent properties. The soil vapor sampling locations are shown on figure 3. Two compounds, PCE and TCE, were detected at concentrations exceeding the NYSDOH air guidance value established for indoor air quality in eight of the eleven sample locations SG-1, SG-2, SG-5, SG-7, SG-8, SG-9, SG-10 and CE SG-6; however, these values are not applicable to regulating soil vapor concentrations. The highest concentrations of PCE and TCE were detected in SG-10, located in the Con Ed parking lot. Several other VOCs were detected above the laboratory detection limits, however; there are no established New York State Department of Health Department (NYSDOH) air guidance values for these compounds. Summary tables showing laboratory results for the historical soil vapor/ambient air sampling events conducted for the Site are included in Appendix V. A "Soil Vapor Survey

Report" was submitted in February 2006 and a response to NYSDEC and NYSDOH comments on this report was submitted in to both agencies in August 2006.

5.4.8 Ground-Water Pumping Test

In order to evaluate the feasibility of ground-water remediation using a pump and treat system, a pumping test was conducted from EW-1, a 4-inch diameter stainless steel well constructed inside of the Con Ed parking lot adjacent to the northeast corner of the Fyn Paint building. The purpose of the test was to determine the radius of influence on the ground-water table and to obtain data necessary for designing the ground-water extraction system. The field data indicates a water-table aquifer in the overburden on top of surficial bedrock. The pumping test was conducted on April 4 and 5, 2006 from EW-1 at a rate of 4.75 gpm (gallons per minute) for approximately 18 hours. The ground water from the well was pumped in a 10,000-gallon fractionation tank. The water from the fractionation tank was disposed of offsite by Con Ed. Prior to and during the pumping test, ground-water levels were measured in the pumping well and surrounding Monitor Wells MW-21, MW-22, MW-23, MW-27, MW-7, MW-16, MW-24, MW-11, EW-2, MW-4, MW-14, MW-8 and MW-9A. Prior to, during and after the 18-hour pumping test, depth to ground water was measured and drawdown was calculated in the pumping well and selected monitor wells. Based on ground-water level measurements recorded during the pumping test, a 4.75 gpm pumping rate from Extraction Well EW-1 is capable of influencing the ground-water table for a radius of at least 60 feet downgradient (EW-1 to MW-23). The field data for the ground-water pumping test are included in Appendix VII. This result demonstrates that a ground-water pumping rate of 4.75 gpm has the potential to induce a cone of depression sufficient to draw free-phase product for extraction from the subsurface and to control further migration of ground water with dissolved VOCs. The pumping test results indicated that the ground-water remediation at the Site can be accomplished by the pump and treat technology.

6.0 INTERIM REMEDIAL MEASURES

Implementation of Interim Remedial Measures (IRMs) at the site consisting of the installation of free-phase product recovery pumps and a ground-water extraction pump as well as the associated ground-water treatment system is currently pending. The IRM work plan was submitted to the NYSDEC in August 2006. Installation of the product recovery system is anticipated to begin in October 2006. The installation of the ground-water pump and treat system is anticipated to begin in November 2006. The selected IRMs are protective of human health and the environment in the short term and long term, and the actions are intended to increase protection until the final site compliance is achieved. Protection is achieved by:

- removing areas of free-phase contamination using two product skimmer/ferret pumps;
- following implementation of the ground-water pump and treat system, remediating all offsite dissolved phase contamination to existing background levels in the area through ground-water treatment, and discharge; and,
- preventing migration of contaminated ground water using ground-water extraction, treatment, and discharge; and monitoring to confirm the stability of the plume and to evaluate the potential beneficial effects of natural attenuation.

7.0 CONCLUSIONS

1. Laboratory analysis of soil samples collected during past subsurface investigation activities indicate the presence of VOCs including toluene, xylene, ethylbenzene, acetone, isopropylbenzene, naphthalene. Concentrations in soil were highest in the MW-22, MW-23, EW-1, MW-15 (destroyed), MW-11, MW-12 and MW-13 borings. The impacted soil exists at and below the water table. PID screening indicated little and/or significantly reduced VOCs in soil at depth below the water table.

2. Analysis of ground-water samples collected over several ground-water sampling rounds indicates the presence of dissolved VOCs in most of the ground-water samples onsite. The major ground-water contaminants correlate with the soil quality and consist of acetone, toluene, xylene and ethylbenzene. Greatest VOC impact to ground water exists in the Con Ed

parking lot in the region of MW-21, MW-22 and EW-1. Although little soil impact was detected in the MW-9A boring, high concentrations of dissolved VOCs and free-phase product have been historically detected in ground-water samples from this monitor well. Conversely, VOCs observed in MW-13 soil samples were not reflected in ground-water samples.

3. The dissolved VOC plume extends to the northwest to MW-4 and MW-12 but not as far as CE-4, GP-2 or MW-1. Its lateral limit to the west is defined by low levels or no VOCs in MW-8, MW-10 and MW-14.

4. Free-phase product was historically observed in MW-15 (prior to it was destroyed), MW-9A, CE-1 and CE-2. The greatest thickness observed was detected in MW-15 (2.07 feet thick on August 22, 2003). Additionally, product is present in monitoring wells MW-21 and MW-22 on the Con Ed parking lot. The product appears to be confined to the area beneath the north wall of the Fyn building and within the Con Ed parking lot north of the Fyn building.

5. Soil vapor in the area both on and surrounding the Site is impacted by several VOCs, consisting of those impacting the soil and ground water. These VOCs are primarily acetone, toluene, xylene and ethylbenzene in addition to several chlorinated solvents including trichloroethene (TCE), PCE and 1,1,1-trichloroethane.

8.0 RECOMMENDATIONS

The subsurface investigations performed at the Site indicated the presence of contamination in the saturated zone of the subsurface including free-phase product, soil gas in the unsaturated zone soils and dissolved phase volatile organics in ground water. In order to remediate the Site, free-phase product removal and ground-water remediation would be focused in the area of the Con Ed parking lot adjacent to the Fyn Paint building (MW-21, MW-22 and EW-1).

In order to address the subsurface contamination at the Site, LBG recommends the institution of an Interim Remedial Measure (IRM) in order to be protective of human health and the environment. The IRM proposed for the Site includes:

1. installation and operation of a ground water pump and treat system to remove ground water contaminated with VOCs using ground-water Extraction Well EW-1; and,
2. installation of product recovery pumps (MW-21 and MW-22) to remove free-product present on the Con Ed property that is acting as a continuous source of contamination to the ground water.

Following the installation and implementation of the IRMs, continued quarterly ground water monitoring rounds will be conducted and used to monitor the efficiency of the system and to evaluate trends in the onsite contamination concentration and extent. Based on the results of the system operation, LBG will recommend modifications to optimize the contaminant recovery.

9.0 REQUEST FOR CLOSURE

After satisfactory completion of all onsite interim remedial measures and subsequent remedial activities, and review of the laboratory documentation, a Site Closure Report summarizing the success of the remediation effort will be prepared. No further action will be requested conditioned upon successful performance of an NYSDEC approved OM&M Plan which will include quarterly ground-water monitoring and maintenance of engineering controls.

LEGGETTE, BRASHEARS & GRAHAM, INC.

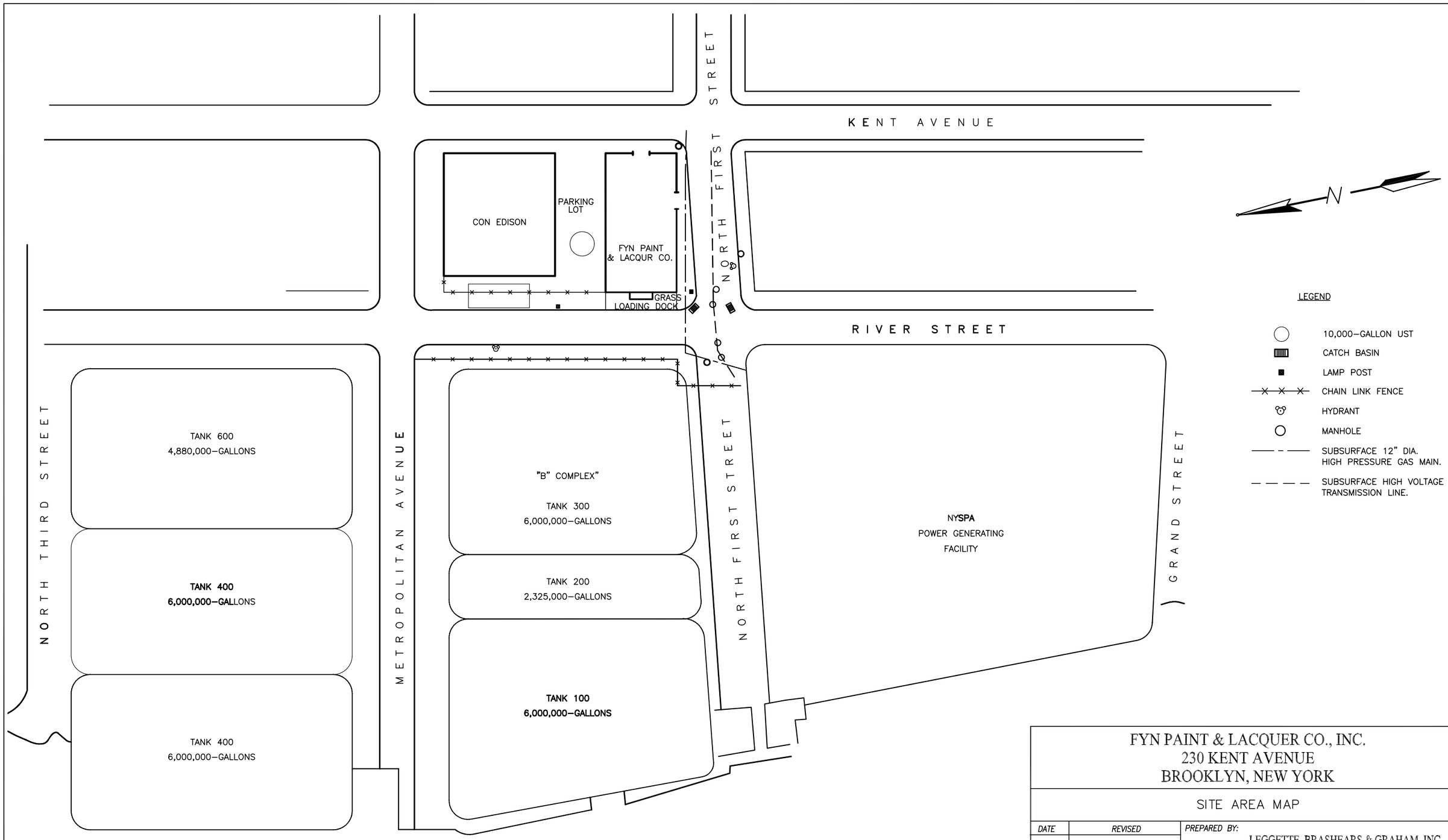
Sean Groszkowski
Senior Hydrogeologist

Reviewed By:

Dan C. Buzea, CPG
Vice President

dmd
October 31, 2006
F:\REPORTS\Keane Beane\2006\Remedial Investigation Report\report.hwv00380-2.2006-10-15.RIR.rpt.doc

FIGURES



NOTE: MW–6, MW–13, MW–15 and MW–25 were paved over as a result of sidewalk repair/improvement activities

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

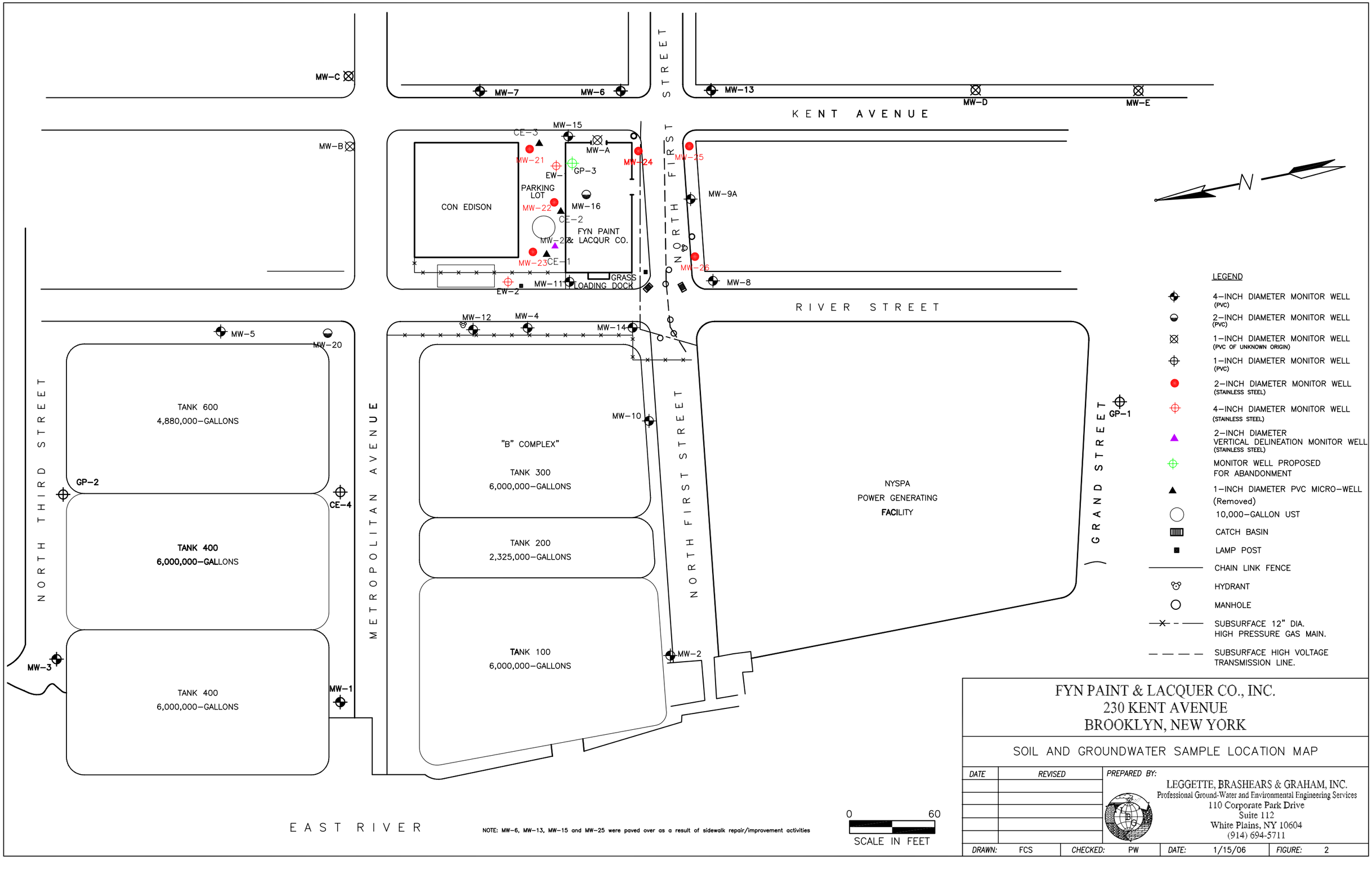
SITE AREA MAP

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	FCS	CHECKED:	PW	DATE:	1/15/06	FIGURE:	1



NOTE: MW-6, MW-13, MW-15 and MW-25 were paved over as a result of sidewalk repair/improvement activities

FYN PAINT & LACQUER CO., INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

SOIL AND GROUNDWATER SAMPLE LOCATION MAP

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
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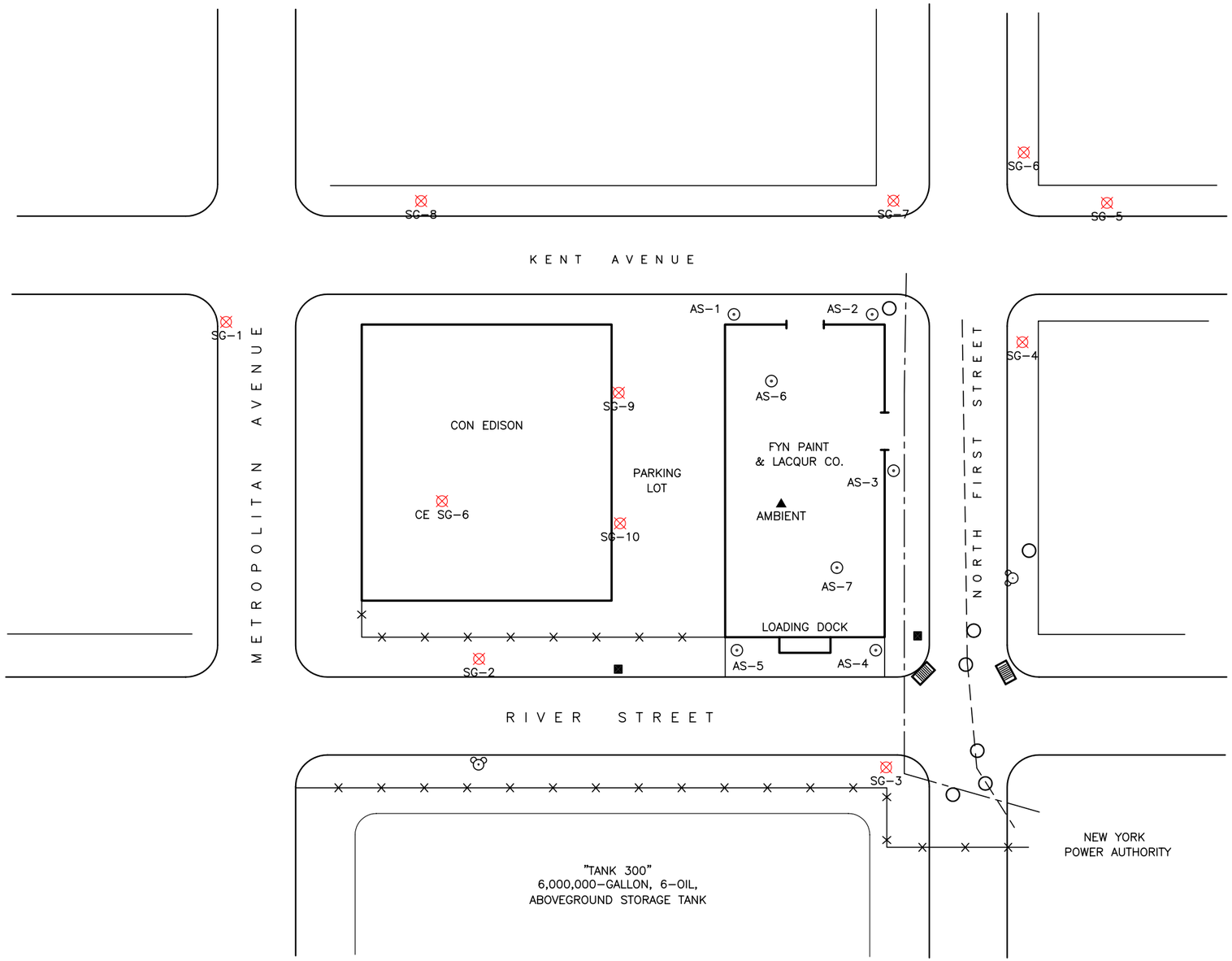
(914) 694-5711

DRAWN:	FCS	CHECKED:	PW	DATE:	1/15/06	FIGURE:	2



FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

SOIL VAPOR AND AMBIENT AIR SAMPLE LOCATION MAP

DATE	REVISED

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
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Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	SG	DATE:	12/25/05	FIGURE:	3

APPENDIX I

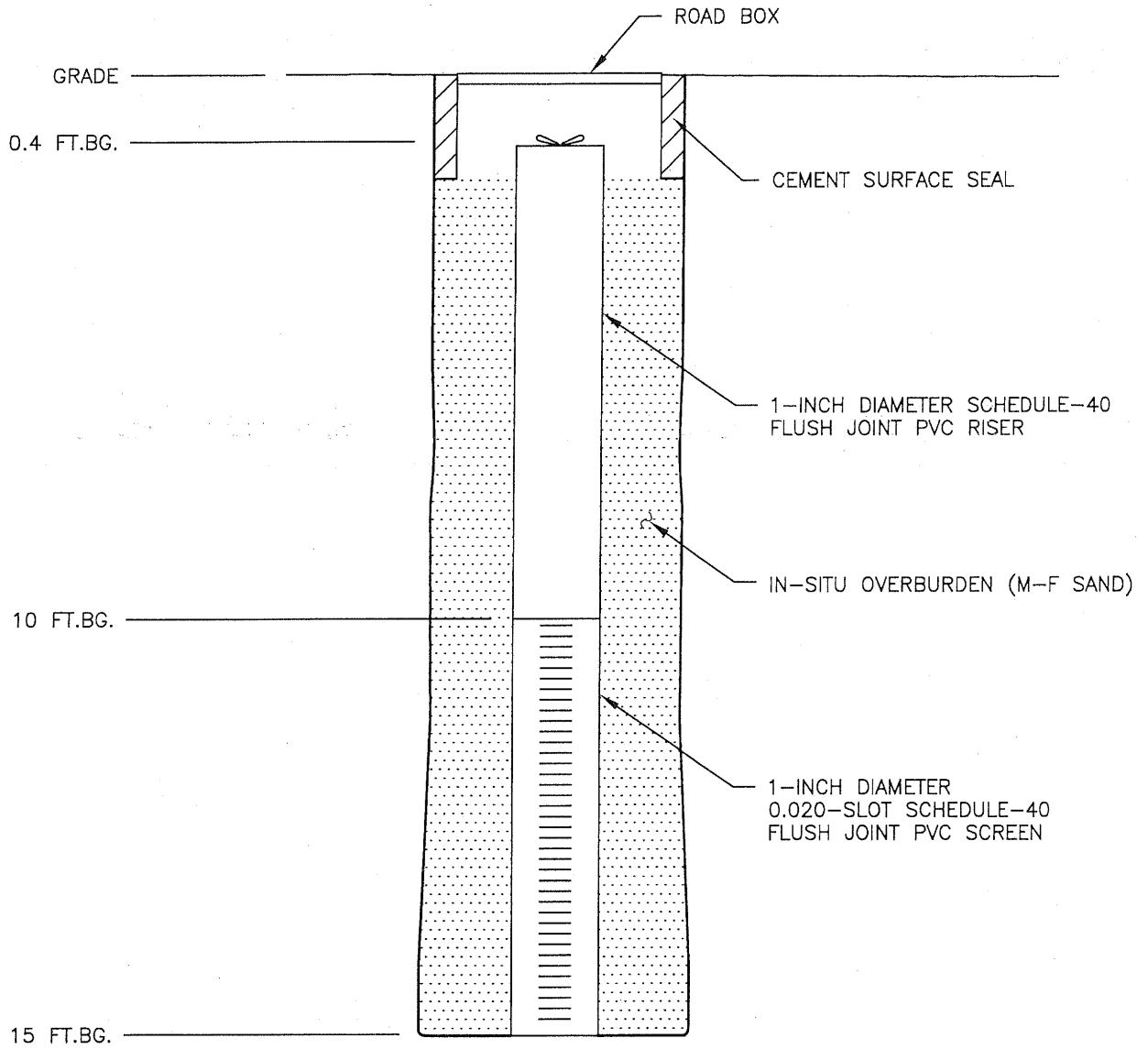
Geologic Logs and Well Construction Diagrams

*** Privileged and Confidential — Prepared at the Request of Legal Counsel ***

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Beane, P.C. WELL NO.: CE-1 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Corp., Inc. 214 Kent Avenue Brooklyn, New York	SCREEN SIZE & TYPE: 1-inch PVC SLOT NO.: 20 SETTING: 15 ft bg-10 ft bg
DATE COMPLETED: May 30, 2001	SAND PACK SIZE & TYPE: None SETTING:
DRILLING COMPANY: American Environmental Assessment Corp.	CASING SIZE & TYPE: 1-inch PVC SETTING: 10 ft bg - 0 ft bg
DRILLING METHOD: Geoprobe	SEAL TYPE: Cuttings SETTING:
SAMPLING METHOD: Macrocore	BACKFILL TYPE: Cuttings
OBSERVER: Sean Groszkowski	STATIC WATER LEVEL: 8 ft bg
REFERENCE POINT (RP): Grade	DEVELOPMENT METHOD:
ELEVATION OF RP:	DURATION: YIELD:
STICK-UP:	
SURFACE COMPLETION: Flush-mount manhole	
REMARKS: Water at 8 ft bg. Composite sample sent to lab (8-16 ft bg).	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
0	4	—	—	—	—	Fill.
4	8		—	1.5	1.0	Fill, sand, fine, brown; some silt, no odor, moist.
8	12		—	1	—	Fine sand, brown/gray; some silt, strong odor of solvents, some free phase, wet to saturated, dirty at 12 ft bg.
12	16		—	4	—	Fine sand and silt, brown, strong odor, some free phase, saturated.
	16		—			End of boring.

1/ Units are ppm calibration gas equivalent



NOTE:
TOP OF CASING ELEVATION = 18.54'.

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF CE-1

DATE	REVISED

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

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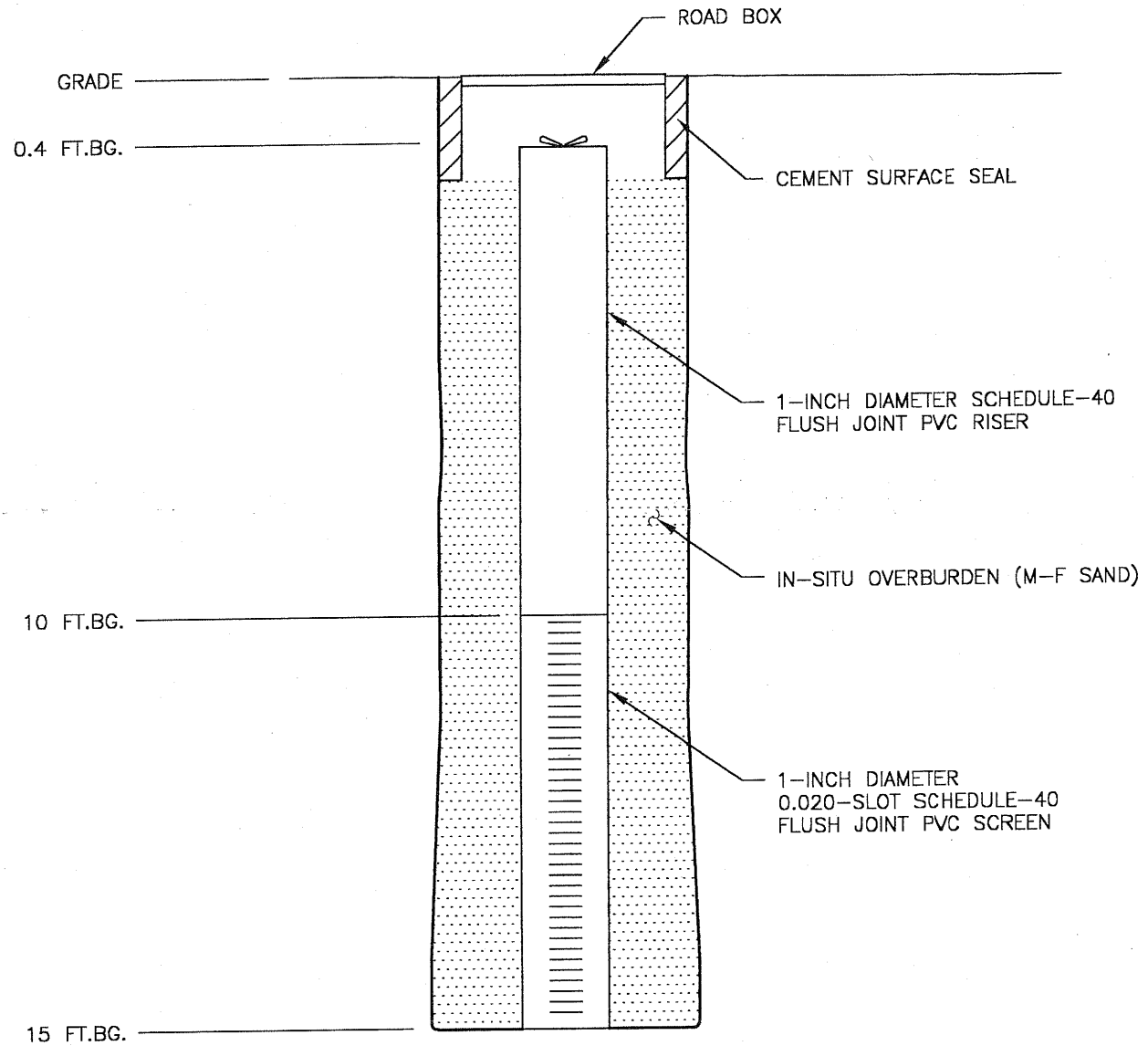
GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Beane, P.C. WELL NO.: CE-2 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Corp., Inc. 214 Kent Avenue Brooklyn, New York	SCREEN SIZE & TYPE: 1-inch PVC SLOT NO.: 20 SETTING: 15 ft bg-10 ft bg
DATE COMPLETED: May 30, 2001	SAND PACK SIZE & TYPE: None SETTING:
DRILLING COMPANY: American Environmental Assessment Corp.	CASING SIZE & TYPE: 1-inch PVC SETTING: 10 ft bg - 0 ft bg
DRILLING METHOD: Geoprobe	SEAL TYPE: Cuttings SETTING:
SAMPLING METHOD: Macrocore	BACKFILL TYPE: Cuttings
OBSERVER: Sean Groszkowski	STATIC WATER LEVEL:
REFERENCE POINT (RP): Grade	DEVELOPMENT METHOD:
ELEVATION OF RP:	DURATION: YIELD:
STICK-UP:	
SURFACE COMPLETION: Flush-mount manhole	
REMARKS: 8 ft bg - 12 ft bg sample sent to lab.	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1]/ READING	DESCRIPTION
FROM	TO					
0	4		–	2.5	0	Sand, fine-medium, brown; some silt, moist, no odor.
4	8		–	3.5	33	Sand, fine-medium, brown/olive; trace silt; moist/wet, no odor.
8	12		–	3.7	>2,000	Sand, fine, brown; some grey/black patches; trace silt; moist; strong odor.
12	16		–	4.0	>2,000	Sand, fine-medium, brown; some silt and clay; moist; strong odor.
16	20		–			Sand, fine-medium, brown; some silt and clay; moist; strong odor.
	20		–			End of boring.



NOTE:
TOP OF CASING ELEVATION = 19.08'.

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF CE-2

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

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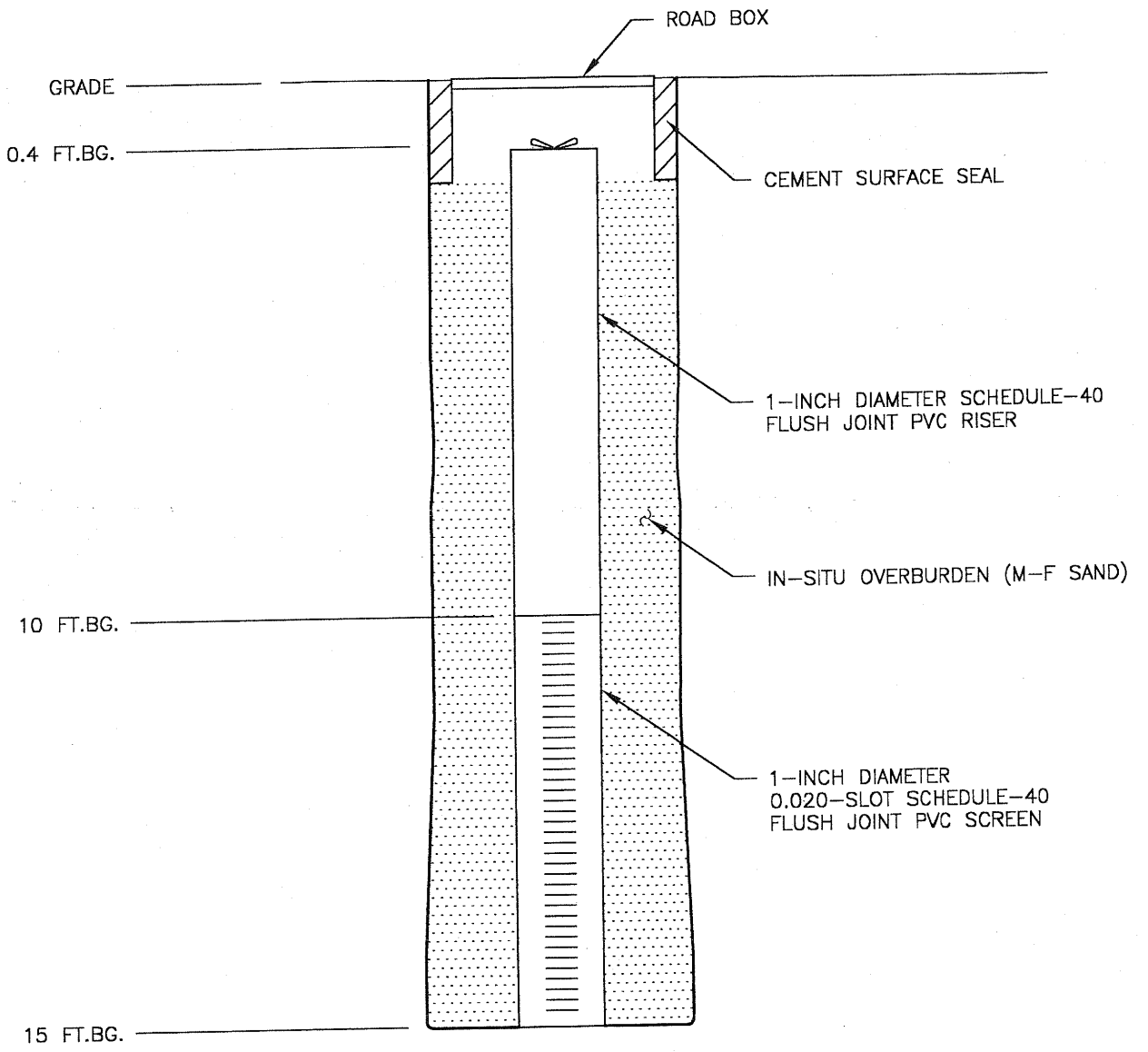
GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Beane, P.C. WELL NO.: CE-3 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Corp., Inc. 214 Kent Avenue Brooklyn, New York	SCREEN SIZE & TYPE: 1-inch PVC SLOT NO.: 20 SETTING: 15 ft bg-10 ft bg
DATE COMPLETED: May 30, 2001	SAND PACK SIZE & TYPE: None SETTING:
DRILLING COMPANY: American Environmental Assessment Corp.	CASING SIZE & TYPE: 1-inch PVC SETTING: 10 ft bg - 0 ft bg
DRILLING METHOD: Geoprobe	
SAMPLING METHOD: Macrocore	SEAL TYPE: Cuttings SETTING:
OBSERVER: Sean Groszkowski	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Cuttings
ELEVATION OF RP:	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION: Flush-mount manhole	DURATION: YIELD:
REMARKS: 12 ft bg - 16 ft bg sample sent to lab.	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
0	4		–	2.5	211	Sand, fine, brown; trace silt; moist; slight odor.
4	8		–	3.5	260	Sand, fine, brown; trace silt; moist; slight odor.
8	12		–	3.0	680	Sand, fine, brown; trace silt; moist; strong odor of solvents.
12	16		–	4.0	>2,000	Sand, fine-medium, brown/reddish; trace silt; moist; strong odor.
	16		–			End of boring.

1/ Units are ppm calibration gas equivalent



NOTE:
TOP OF CASING ELEVATION = 18.53'.

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF CE-3

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

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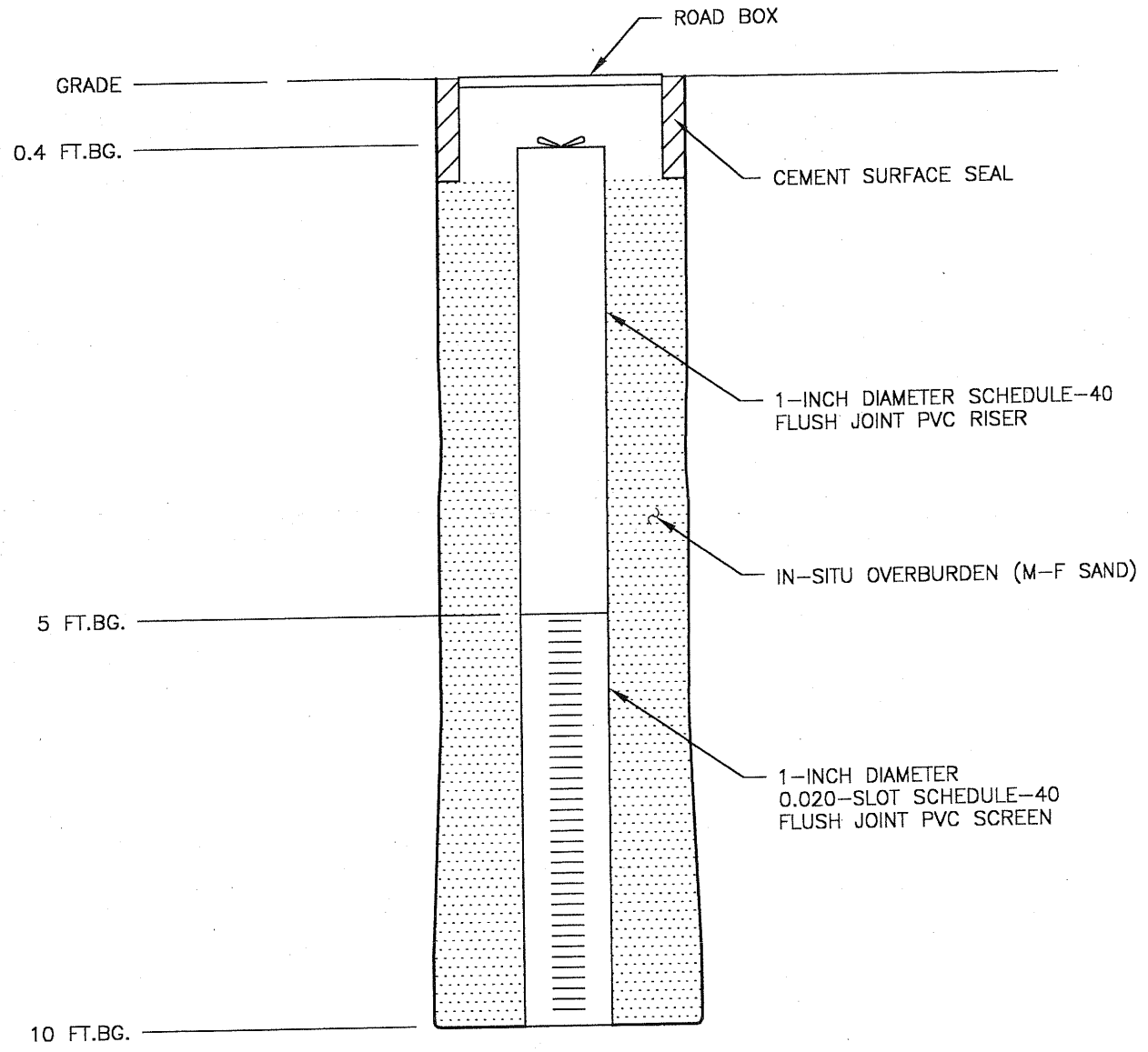
GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Beane, P.C. WELL NO.: CE-4 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Corp., Inc. 214 Kent Avenue Brooklyn, New York	SCREEN SIZE & TYPE: 1-inch PVC SLOT NO.: 20 SETTING: 10 ft bg-5 ft bg
DATE COMPLETED: May 30, 2001	SAND PACK SIZE & TYPE: None SETTING:
DRILLING COMPANY: American Environmental Assessment Corp.	CASING SIZE & TYPE: 1-inch PVC SETTING: 5 ft bg - 0 ft bg
DRILLING METHOD: Geoprobe	SEAL TYPE: Cuttings SETTING:
SAMPLING METHOD: Macrocore	BACKFILL TYPE: Cuttings
OBSERVER: Sean Groszkowski	STATIC WATER LEVEL:
REFERENCE POINT (RP): Grade	DEVELOPMENT METHOD:
ELEVATION OF RP:	DURATION: YIELD:
STICK-UP:	
SURFACE COMPLETION: Flush-mount manhole	
REMARKS: 5 ft bg-8 ft bg sample send to lab. Saturated at 9 ft bg.	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
0	5	—	—	—	—	Hand augered gravel and cobble.
5	8		—	2.0	5.8	Sand, fine-medium, brown; trace silt; trace pebbles and cobble; wet; no odor.
8	12		—	4.0	3.0	Sand, fine-medium; brown/gray; trace silt; wet to saturated; no odor.
	12		—			End of boring.

1/ Units are ppm calibration gas equivalent



NOTE:
TOP OF CASING ELEVATION = 7.96'.

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF CE-4

DATE	REVISED

PREPARED BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	7/19/01	FIGURE:	-

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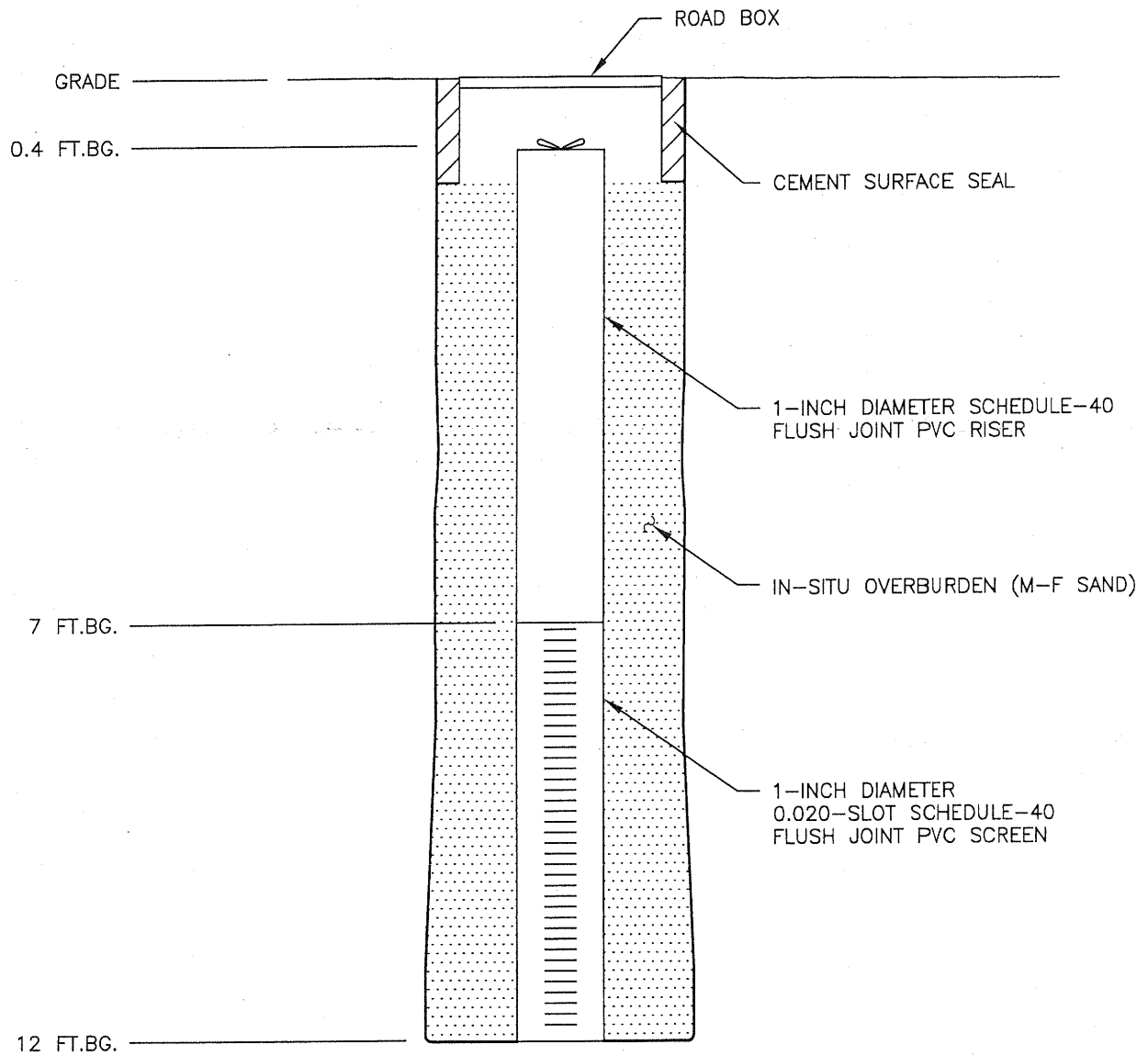
GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Deane, P.C. WELL NO.: GP-1 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Co. Brooklyn, New York	SCREEN SIZE & TYPE: 1-inch PVC SLOT NO.: 020 SETTING: 7-12 feet
DATE COMPLETED: May 3, 2001	SAND PACK SIZE & TYPE: NA SETTING:
DRILLING COMPANY: American Environmental Assessment	CASING SIZE & TYPE: 1-inch PVC
DRILLING METHOD: Geoprobe	SETTING: 0-7 feet
SAMPLING METHOD: Macrocore	SEAL TYPE: NA
OBSERVER: Aimee Petras	SETTING:
REFERENCE POINT (RP):	BACKFILL TYPE: Cuttings
ELEVATION OF RP:	STATIC WATER LEVEL: 8 ft bg
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION: Roadbox in concrete	DURATION: YIELD:
REMARKS: Sample: GP-1 (12-16 feet)	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
0	4	MC		2.3	1.1	SAND, brown, medium to coarse, some silt, trace gravel, trace fill.
4	8	MC		1.5	1.4	SAND, brown, medium to coarse, some silt, trace gravel.
8	12	MC		0.5	0.7	SAND, brown, fine, some silt, wet.
12	16	MC		3.0	1.6	Saturated SAND, brown, medium to coarse, some silt.

1/ Units are ppm calibration gas equivalent



NOTE:
TOP OF CASING ELEVATION = 7.87'.

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF GP-1

DATE	REVISED

PREPARED BY:

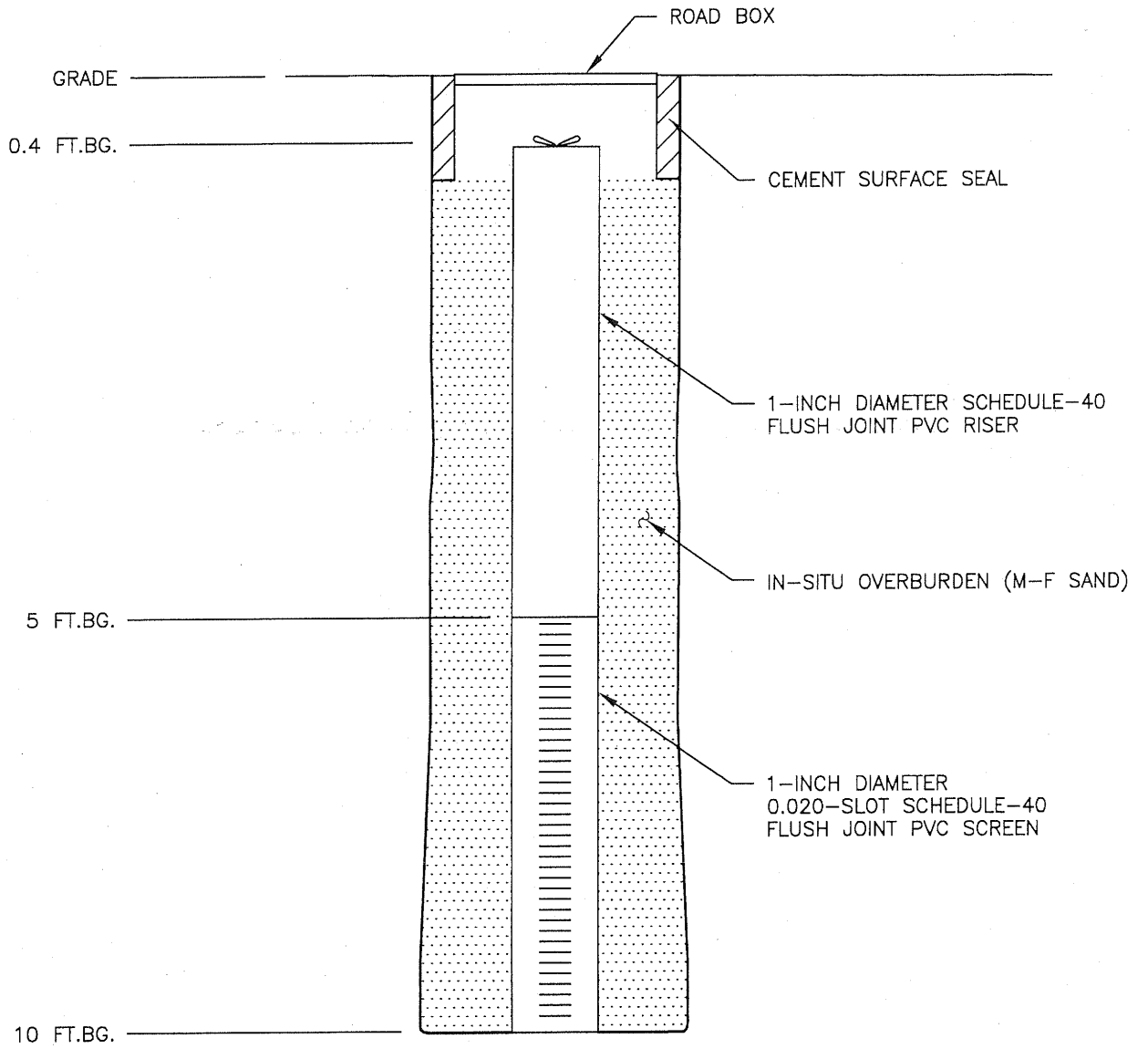
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	7/16/01	FIGURE:	-

F:\DWG\FYNBKL\GP-1.dwg

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Deane, P.C. WELL NO.: GP-2 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Co. Brooklyn, New York	SCREEN SIZE & TYPE: 1-inch PVC SLOT NO.: 020 SETTING: 5-10 feet
DATE COMPLETED: May 3, 2001	SAND PACK SIZE & TYPE: NA SETTING:
DRILLING COMPANY: American Environmental Assessment	CASING SIZE & TYPE: 1-inch PVC
DRILLING METHOD: Geoprobe	SETTING: 0 - 5 feet
SAMPLING METHOD: Macrocore	SEAL TYPE: NA
OBSERVER: Aimee Petras	SETTING:
REFERENCE POINT (RP):	BACKFILL TYPE: Cuttings
ELEVATION OF RP:	STATIC WATER LEVEL: ~6 ft bg
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION:	DURATION: YIELD:
REMARKS: Sample: GP-2 (8-12 feet)	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
0	4	MC		0.9	0.3	SILT and SAND, Brown, medium to fine, trace gravel.
4	8	MC		1.5	1.4	SAND, Brown, medium to coarse, some silt, trace gravel. Saturated at 7.5ft.
8	12	MC		0.5	0.7	Saturated SAND, brown, medium to coarse, some silt, trace gravel.



NOTE:
TOP OF CASING ELEVATION = 7.08'.

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF GP-2

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

DRAWN:	MRV	CHECKED:	PW	DATE:	7/16/01	FIGURE:	-

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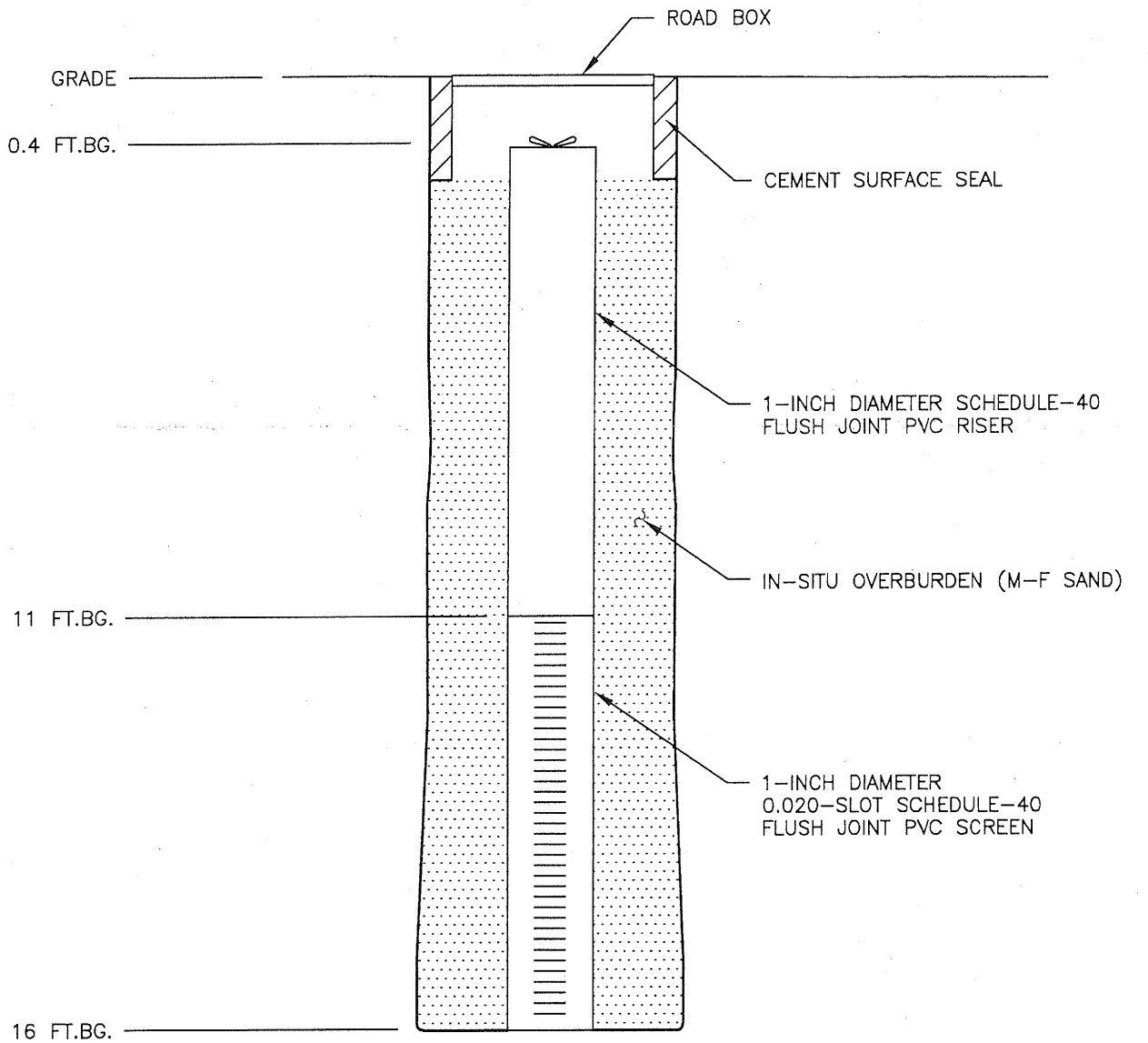
GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Deane, P.C. WELL NO.: GP-3 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Co. Brooklyn, New York	SCREEN SIZE & TYPE: 1-inch PVC SLOT NO.: 020 SETTING: 11-16 feet
DATE COMPLETED: May 4, 2001	SAND PACK SIZE & TYPE: NA SETTING:
DRILLING COMPANY: American Environmental Assessment	CASING SIZE & TYPE: 1-inch PVC
DRILLING METHOD: Geoprobe	SETTING: 0 - 11 feet
SAMPLING METHOD: Macrocore	SEAL TYPE: NA
OBSERVER: Aimee Petras	SETTING:
REFERENCE POINT (RP):	BACKFILL TYPE: Cuttings
ELEVATION OF RP:	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION:	DURATION: YIELD:
REMARKS: Sample: GP-3 (12-16 feet)	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
0	4	MC		3.0	713	SAND, Brown, medium to fine, some silt, some gravel, odor.
4	8	MC		3.2	1569	SILT, brown, and sand, fine, odor.
8	12	MC		2.8	1269	SILT, brown, and sand, fine, odor.
12	16	MC		3.0	1573	SILT, dark brown, and sand, fine, odor.
16	17	MC		0.6	1405	SILT, dark brown, and sand, fine, odor.

1/ Units are ppm calibration gas equivalent

aep
May 10, 2001
reports\keane beane\gp1-4mw5-8.log.wpd



NOTE:
TOP OF CASING ELEVATION = 18.40'.

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF GP-3

DATE	REVISED	PREPARED BY:
		LEGGETTE, BRASHEARS & GRAHAM, INC.
		Professional Ground-Water and Environmental Engineering Services
		110 Corporate Park Drive
		Suite 112
		White Plains, NY 10604
		(914) 694-5711

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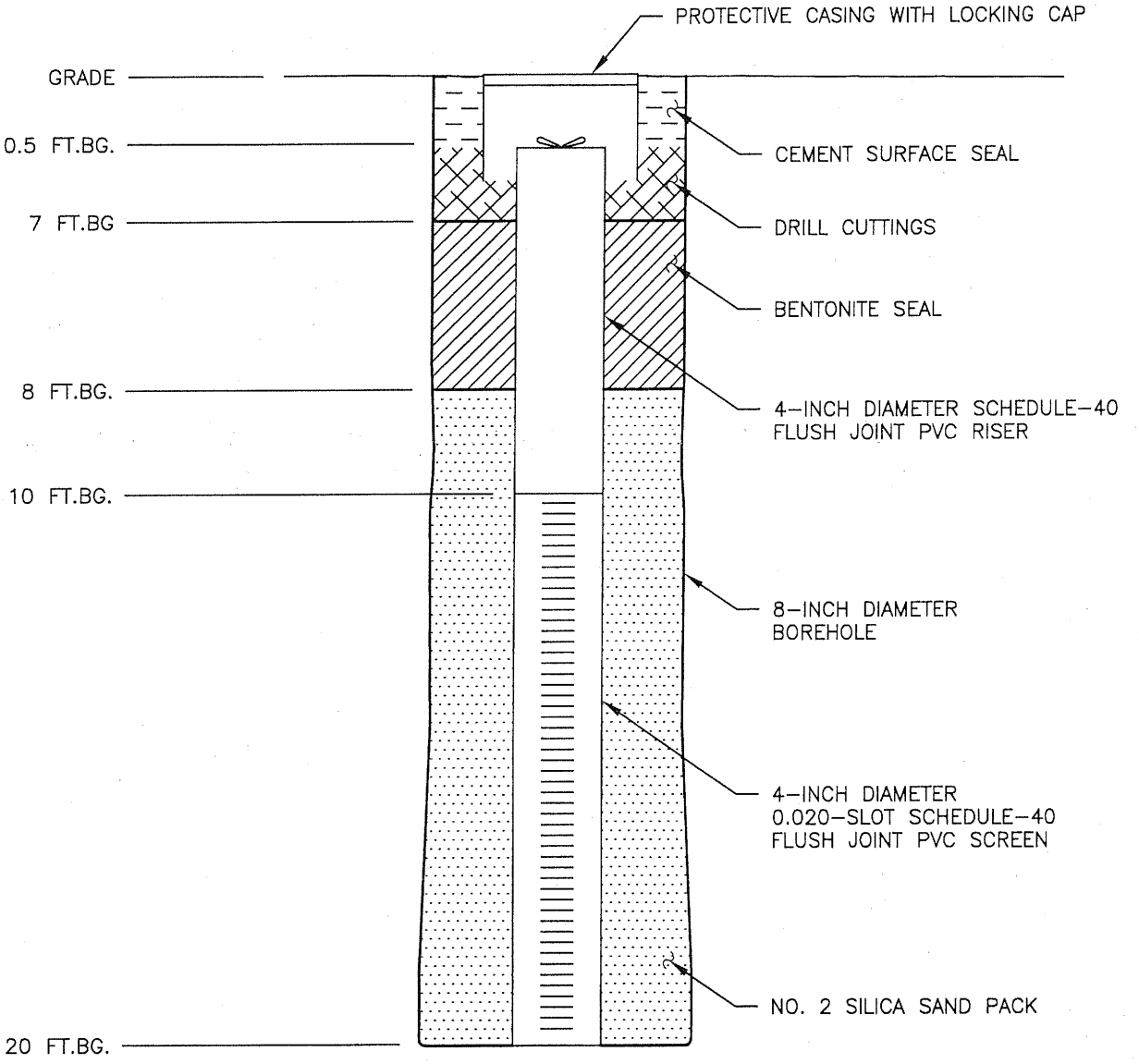
GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Deane, P.C. WELL NO.: GP-4 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Co. Brooklyn, New York	SCREEN SIZE & TYPE: NA SLOT NO.: SETTING:
DATE COMPLETED: May 4, 2001	SAND PACK SIZE & TYPE: NA SETTING:
DRILLING COMPANY: American Environmental Assessment	CASING SIZE & TYPE: NA SETTING:
DRILLING METHOD: Geoprobe	
SAMPLING METHOD: Macrocore	SEAL TYPE: NA SETTING:
OBSERVER: Aimee Petras	
REFERENCE POINT (RP):	BACKFILL TYPE: Cuttings
ELEVATION OF RP:	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION:	DURATION: YIELD:
REMARKS: Sample: GP-4 (8-12 feet)	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
0	4	MC		3.1	0.1	SAND, brown, medium to fine, and silt, some small gravel.
4	8	MC		3.2	1569	SAND, brown, medium to fine, and silt, some small gravel, odor.
8	12	MC		2.8	1269	SAND, brown, medium to fine and silt, some small gravel, odor.
12						Refusal.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Deane, P.C. WELL NO.: MW-5 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Co. Brooklyn, New York	SCREEN SIZE & TYPE: 4-inch PVC SLOT NO.: 020 SETTING: 10-20 feet
DATE COMPLETED: May 8, 2001	SAND PACK SIZE & TYPE: #2 morie
DRILLING COMPANY: Soil Testing, Inc.	SETTING: 8-20 feet
	CASING SIZE & TYPE: 4-inch PVC
DRILLING METHOD: Hollow Stem	SETTING: 0-10 feet
SAMPLING METHOD: Split-Spoon	SEAL TYPE: Bentonite
OBSERVER: Aimee Petras	SETTING: 7-8 feet
REFERENCE POINT (RP):	BACKFILL TYPE: Cuttings
ELEVATION OF RP:	STATIC WATER LEVEL: ~12 ft bg
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION:	DURATION: YIELD:
REMARKS: Sample: MW-5 (20-22 feet)	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
5	7	SS	2 3 4 5	1.8	0.0	SAND, brown, medium to fine, and silt.
10	12	SS	6 15 15 13	1.5	0.0	SAND, brown, medium to fine, and silt, some gravel, WET.
15	17	SS	5 53 15 8	2.0	0.7	SAND, brown, medium to fine, and silt, some gravel, saturated.
20	22	SS	1 4 8 10	2.0	3.7	SAND, medium to coarse, some silt, saturated.

1/ Units are ppm calibration gas equivalent



NOTE:
TOP OF CASING ELEVATION = 10.71'.

NOT TO SCALE

F:\DWG\FYNBKL\MW-5.dwg

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF MW-5

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

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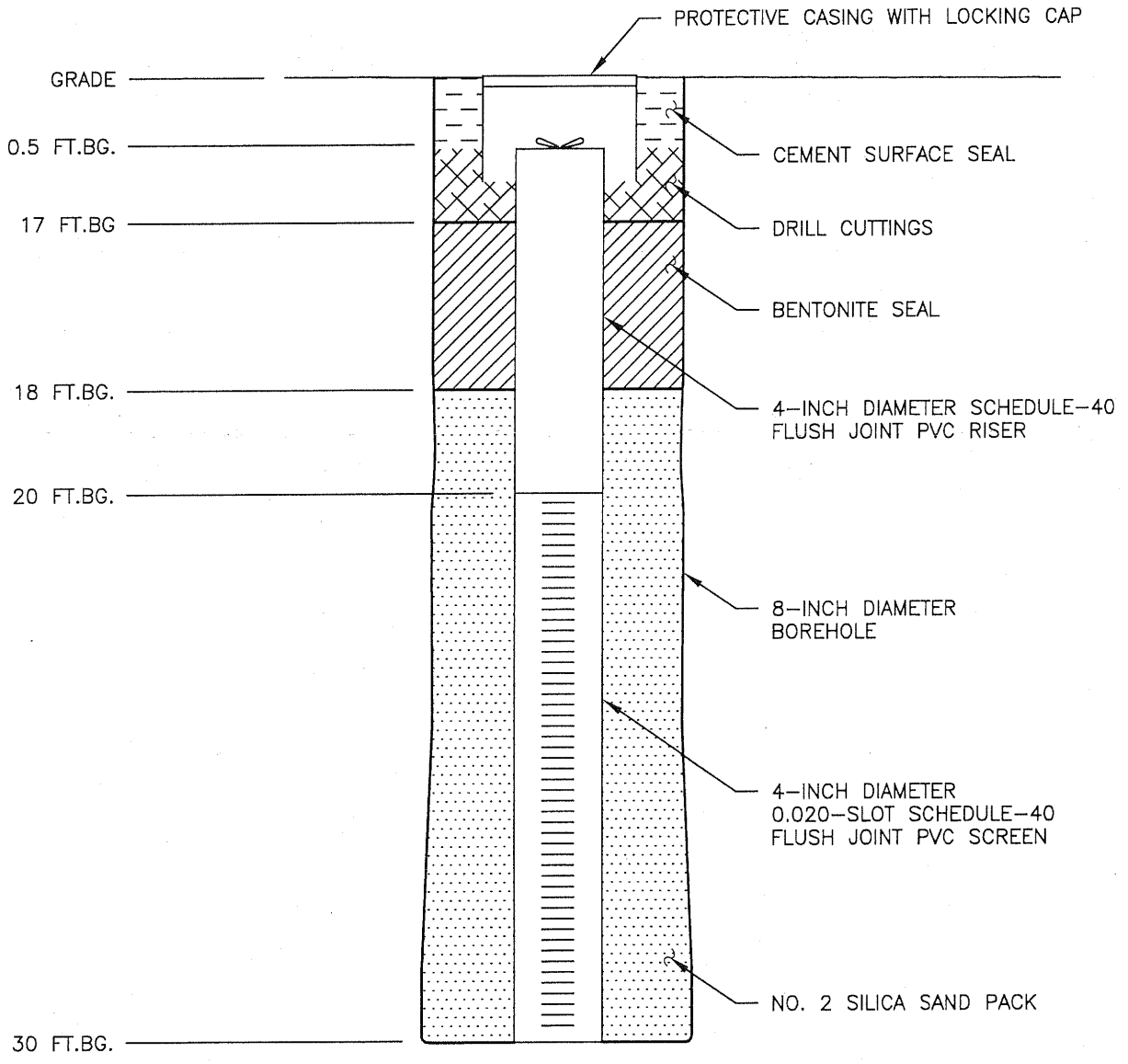
GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Deane, P.C. WELL NO.: MW-6 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Co. Brooklyn, New York	SCREEN SIZE & TYPE: 4-inch PVC SLOT NO.: 020 SETTING: 20 - 30 feet
DATE COMPLETED: May 2001	SAND PACK SIZE & TYPE: #2 morie SETTING: 18-30 feet
DRILLING COMPANY: Soil Testing, Inc.	CASING SIZE & TYPE: 4-inch PVC SETTING: 0 - 20 feet
DRILLING METHOD: Hollow Stem	
SAMPLING METHOD: Split-Spoon	SEAL TYPE: Bentonite SETTING: 17-18 feet
OBSERVER: Aimee Petras	
REFERENCE POINT (RP):	BACKFILL TYPE: Cuttings
ELEVATION OF RP:	STATIC WATER LEVEL: ~23 ft bg
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION:	DURATION: YIELD:
REMARKS: Sample: MW-6 (25-27 feet)	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million	

DEPTH (FEET) FROM	TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
5	7	SS	6 8 8 8	1.6	0.3	SAND, brown, medium to fine, and silt.
10	12	SS	6 8 8 12	1.5	0.3	SAND, brown, medium to fine, some silt.
15	17	SS	3 18 23 10	0.8	1.7	SAND, brown, medium to fine, and silt, moist.
17	23					Large Boulders from 17ftbg to 23 ft bg.
25	27	SS	4 4 5 8	2.0	1.9	SAND, brown, medium to coarse, some silt, saturated.
30						end of boring

1/ Units are ppm calibration gas equivalent

aep
May 10, 2001



NOTE:
TOP OF CASING ELEVATION = 19.99'.

NOT TO SCALE

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FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF MW-6

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
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110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

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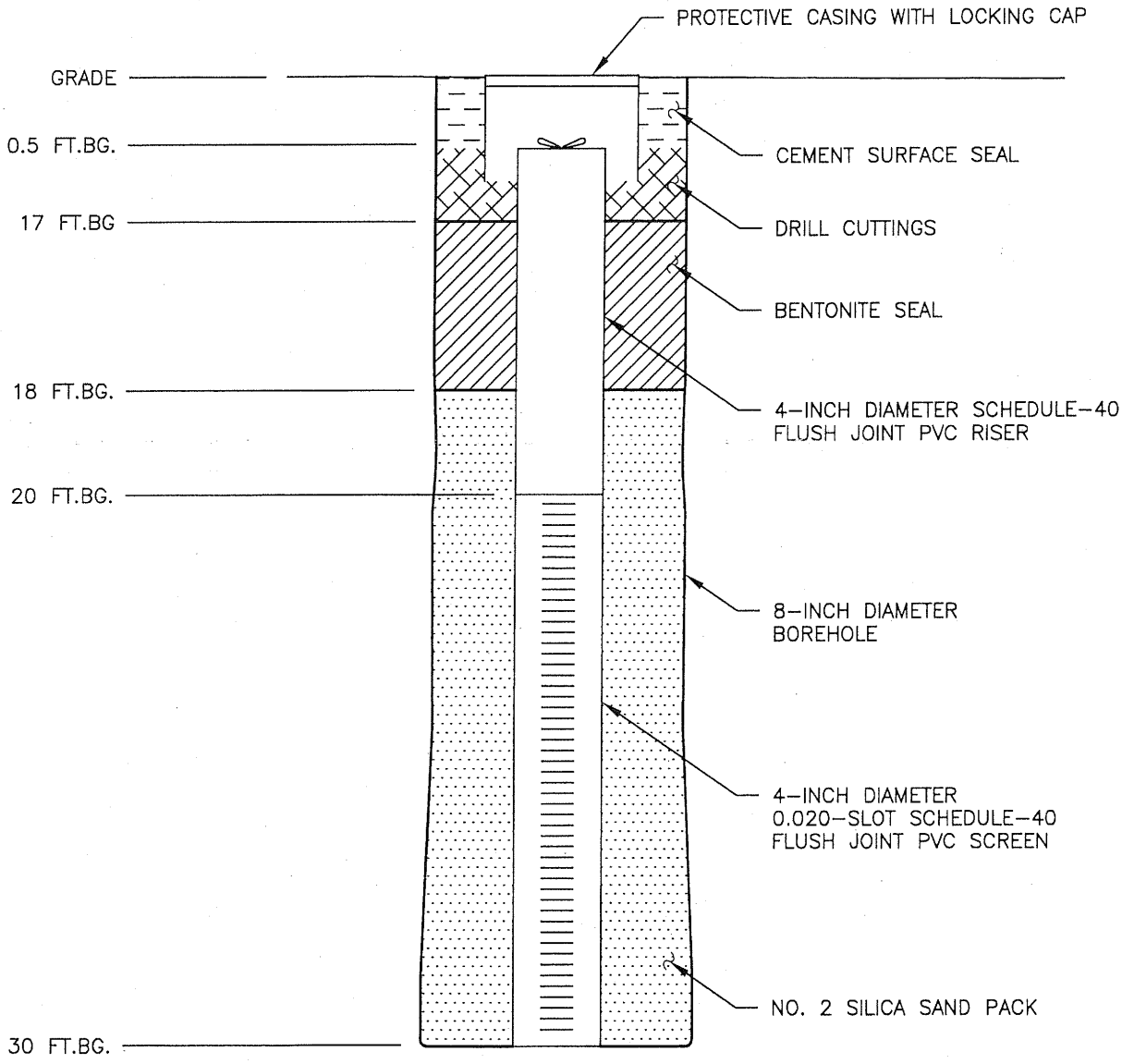
GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Deane, P.C. WELL NO.: MW-7 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Co. Brooklyn, New York	SCREEN SIZE & TYPE: 4-inch PVC SLOT NO.: 020 SETTING: 20-30 feet
DATE COMPLETED: May 9, 2001	SAND PACK SIZE & TYPE: #2 morie
DRILLING COMPANY: Soil Testing, Inc.	SETTING: 18-30 feet
	CASING SIZE & TYPE: 4-inch PVC
DRILLING METHOD: Hollow Stem	SETTING: 0 - 20 feet
SAMPLING METHOD: Split-Spoon	SEAL TYPE: Bentonite
OBSERVER: Aimee Petras	SETTING: 17 - 18
REFERENCE POINT (RP):	BACKFILL TYPE: Cuttings
ELEVATION OF RP:	STATIC WATER LEVEL: ~22 ft bg
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION:	DURATION: YIELD:
REMARKS: Sample: MW-7 (10-12 feet)	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
5	7	SS	18 50/6	1.0	1.5	SAND, brown, medium to coarse, and silt, some gravel.
10	12	SS	11 15 18 21	1.7	6.5	SAND, brown, medium to coarse, and silt, some gravel, WET.
15	17	SS	1 10 5 5	1.6	3.7	SAND, brown, v. fine, and silt, wet.
20	22	SS	6 8 10 8	1.2	1.5	SAND, brown, v. fine, and silt, wet.
25	27	SS	18 60 17 25	1.6	1.4	SAND, brown, v. fine, and silt, saturated.
30	32	SS	25 25 28 25	1.6	2.3	SAND, brown, v. fine, and silt, saturated.



NOTE:
TOP OF CASING ELEVATION = 18.77'.

NOT TO SCALE

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FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF MW-7

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

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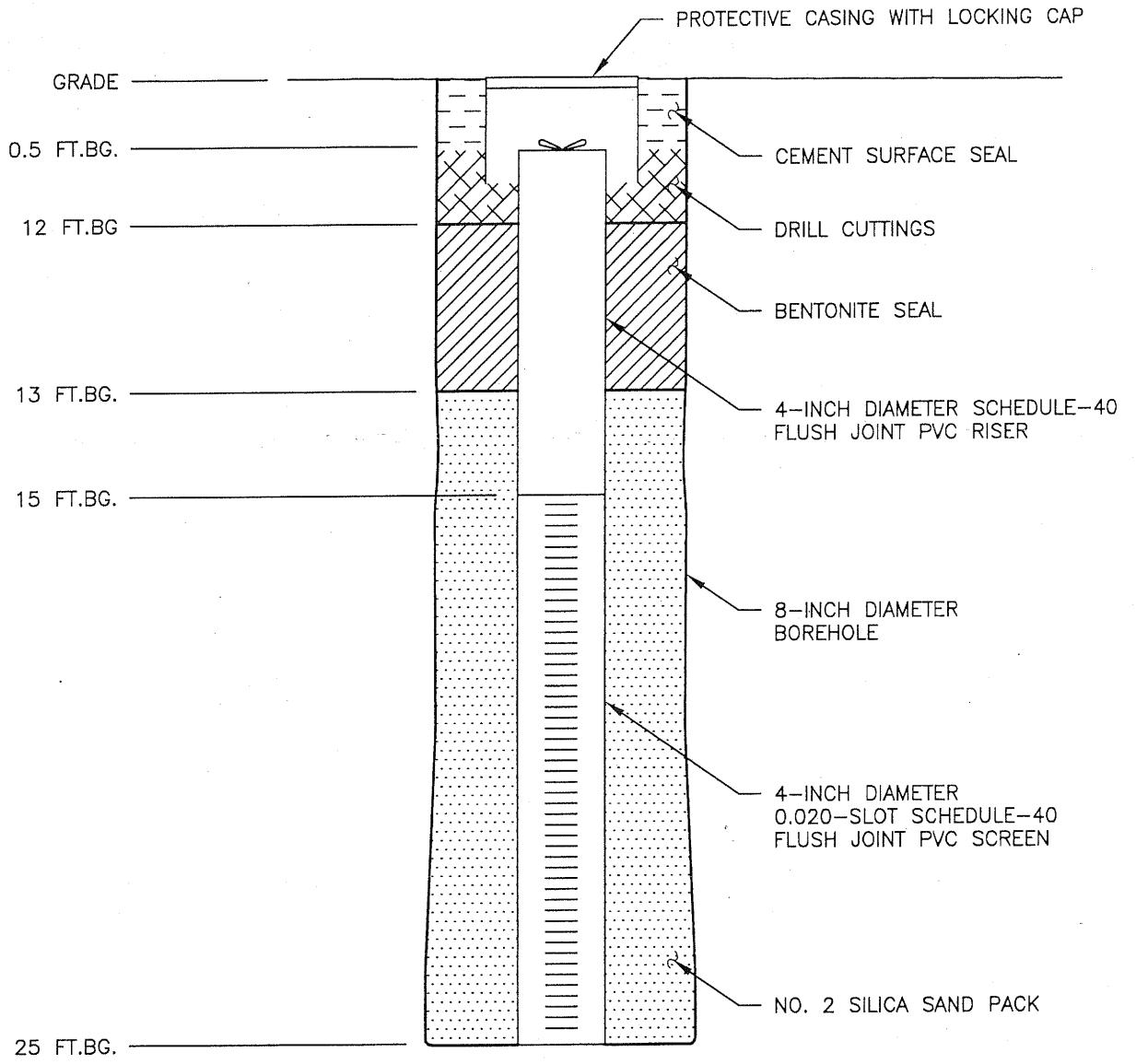
GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Keane & Deane, P.C. WELL NO.: MW-8 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint & Lacquer Co. Brooklyn, New York	SCREEN SIZE & TYPE: 4-inch PVC SLOT NO.: 020 SETTING: 15 - 25 feet
DATE COMPLETED: May 9, 2001	SAND PACK SIZE & TYPE: #2 morie
DRILLING COMPANY: Soil Testing, Inc.	SETTING: 13 - 25
	CASING SIZE & TYPE: 4-inch PVC
DRILLING METHOD: Hollow Stem	SETTING: 0 - 15 feet
SAMPLING METHOD: Split-Spoon	SEAL TYPE: Bentonite
OBSERVER: Aimee Petras	SETTING: 12 - 13 feet
REFERENCE POINT (RP):	BACKFILL TYPE: Cuttings
ELEVATION OF RP:	STATIC WATER LEVEL: ~19 ft bg
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION: Roadbox	DURATION: YIELD:
REMARKS: Sample: MW-8(20-22 feet)	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = Recovery PPM = parts per million	

DEPTH (FEET) FROM	TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
5	7	SS	45 52 55 54	1.8	0.7	SAND, brown, medium to coarse, some silt, some gravel.
10	12	SS	13 23 59 79	1.6	0.7	SAND, brown, medium to coarse, some silt, some gravel.
15	17	SS	6 4 13 16	1.5	1.7	SAND, brown, medium to coarse, and silt, some gravel, wet.
20	22	SS	11 15 22 25	1.7	1.7	SAND, medium to coarse, some silt, some gravel, saturated.
25						End of boring



NOTE:
TOP OF CASING ELEVATION = 15.14'.

NOT TO SCALE

FYN PAINT AND LACQUER CO., INC.
BROOKLYN, NEW YORK
PREPARED FOR KEANE & BEANE, P.C.

WELL CONSTRUCTION DIAGRAM OF MW-8

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
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110 Corporate Park Drive
Suite 112
White Plains, NY 10604
(914) 694-5711

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-9 PAGE: 1 OF 1 PAGES
SITE LOCATION: Fyn Paint Brooklyn, New York	SCREEN SIZE & TYPE: SLOT NO.: SETTING:
DATE COMPLETED: July 21, 2003	SAND PACK SIZE & TYPE: SETTING:
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: SETTING:
DRILLING METHOD: 6 1/4-inch hollow stem auger	
SAMPLING METHOD: Split spoon	SEAL TYPE: SETTING:
OBSERVER: Michael De Felice	
REFERENCE POINT (RP): Grade	BACKFILL TYPE:
ELEVATION OF RP: Unknown	STATIC WATER LEVEL:
STICK-UP: NA	DEVELOPMENT METHOD:
SURFACE COMPLETION: Concrete patch	DURATION: YIELD:
REMARKS: No well installed at this location	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
5	7	SS	7-11-15-25	1.25	0.0	Silt; some sand, medium to fine sand, red-brown, trace gravel/fill, dry, slight odor.
10	12	SS	43-50/2	0.50	0.00	Sand and silt; medium to fine sand, brown, moist with sections of dry in spoon, no odor, trace gravel. *Refusal of spoon at approximately 10.5.
						NOTE: Sampled MW-9 (10-10.5)
						Auger refusal at 10.5 ft bg.

1/ Units are ppm calibration gas equivalent

dmd
September 30, 2003
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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-9A PAGE: 1 OF 1 PAGES
SITE LOCATION: South side of North First Street between Kent Avenue and River Street	SCREEN SIZE & TYPE: 4-inch sch 40 PVC SLOT NO.: 20 SETTING: 11-31
DATE COMPLETED: August 4, 2003	SAND PACK SIZE & TYPE: #2 quartz sand SETTING: 9-31
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: 4-inch sch 40 PVC SETTING: 0-11
DRILLING METHOD: Hollow stem auger	
SAMPLING METHOD: Split spoon	SEAL TYPE: Bentonite SETTING: 7-9
OBSERVER: Paul Woodell	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP:	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD: Surge & pump ~60 gallons
SURFACE COMPLETION: 8-inch streetbox set in 2 X 2 concrete pad	DURATION: YIELD:
REMARKS: Hard drilling at 13 feet, water at ~14-15 ft bg, * Samples	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
4	6	SS	—	1.5	0.0	Sand, fine to coarse, some silt, some gravel, brown, dry.
6	8			1.5	0.0	Sand, fine to coarse, some silt, some gravel, brown, dry.
8	10			1.5	0.0	Sand, medium to coarse, trace silt, brown, dry.
10	12			1.5	0.0	Sand, medium to coarse, trace silt, brown, moist in tip.
12	14				0.0	Sand, fine and silt, brown, tight, moist.
14	16			1.0	0.0*	Sand, fine, some silt, brown, saturated.
16	18				0.0	16-17: Sand, fine, some silt, brown, saturated. 17-18: Clay and silt, little sand and gravel, tight, moist.
24	26			0.4	94	Sand, fine to coarse, little silt, brown to gray, saturated.

29	31			0.4	57*	Sand, medium to coarse, and gravel, trace silt, gray. End of boring.

1/ Units are ppm calibration gas equivalent

reports\keanebeane\supplementalremedialinvestigation\mw9thrumw16 log

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-10 PAGE: 1 OF 1 PAGES
SITE LOCATION: North side of North First Street adjacent to Tank 300	SCREEN SIZE & TYPE: 4-inch sch 40 PVC SLOT NO.: 20 SETTING: 9-29
DATE COMPLETED: July 21, 2003	SAND PACK SIZE & TYPE: #2 filter sand SETTING: 7-29
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: 4-inch sch 40 PVC SETTING: 0-9
DRILLING METHOD: 6 1/4-inch hollow stem auger	
SAMPLING METHOD: Split spoon	SEAL TYPE: Bentonite SETTING: 3-7
OBSERVER: Michael De Felice	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP: Unknown	STATIC WATER LEVEL: NA
STICK-UP: NA	DEVELOPMENT METHOD: Surge and pump ~55 gallons
SURFACE COMPLETION: 2-foot by 2-foot raised 8-inch street-box (concrete)	DURATION: NA YIELD: NA
REMARKS: Spoons at 5-7, 10-12, 12-14 – drilled and dropped at 30 ft bg; * = Lab sample	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
5	7	SS	11-11-8-6	1.75	0.2	Sand; medium to fine, trace silt, trace gravel/fill, brown/red color, dry, no odor.
10	12	SS	12-7-6-3	0.25	0.3	Sand; medium to fine, trace silt, trace gravel, moist, brown, no odor. Note: Very little recovery - voids in borehole.
12	14	SS	2-3-2-2	0.75	0.00*	Sand, medium to fine, some silt, saturated, brown, no odor. Note: Very little recovery - voids in borehole.
14	30	C	–	–	–	Auger to 30 ft bg, cuttings observed: Sand; medium to fine, trace silt, saturated, brown.
	30					End of boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-11 PAGE: 1 OF 1 PAGES
SITE LOCATION: East side of River Street behind Fyn Paint Building	SCREEN SIZE & TYPE: 4-inch sch 40 PVC SLOT NO.: 20 SETTING: 9-29
DATE COMPLETED: July 21, 2003	SAND PACK SIZE & TYPE: #2 quartz sand SETTING: 6-29
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: 4-inch sch 40 PVC SETTING: 0-9
DRILLING METHOD: 6 1/4-inch hollow stem auger	
SAMPLING METHOD: Split spoon	SEAL TYPE: Bentonite SETTING: 2-6
OBSERVER: Michael De Felice	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP: Unknown	STATIC WATER LEVEL: NA
STICK-UP: NA	DEVELOPMENT METHOD: Surge and pump ~60 gallons
SURFACE COMPLETION: 8-inch streetbox set in raised 2-foot by 2-foot pad	DURATION: NA YIELD: NA
REMARKS: *soil sample	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
5	7	SS	6-4-2-2	0.4	0.00	Sand; coarse to medium, some silt, some gravel, moist.
–	6	C	–	–	–	Cuttings observed at approximately 6 ft bg. Sand, coarse to medium, gray color (color change).
9	11	SS	12-10-10-11	1.0	0.00	Sand, coarse to medium, some silt, trace gravel, moist, no odor, brown.
13	15	SS	13-11-32-17	1.25	827*	Sand, fine to medium, some silt, saturated, slight odor, brown.
15	30	C	–	–	–	Sand, fine to medium and silt, saturated, brown.

1/ Units are ppm calibration gas equivalent

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-12 PAGE: 1 OF 2 PAGES
SITE LOCATION: East side River Street, south of Metropolitan Greenpoint, Brooklyn	SCREEN SIZE & TYPE: 4-inch sch 40 PVC SLOT NO.: 20 SETTING: 9-24
DATE COMPLETED: July 24, 2003	SAND PACK SIZE & TYPE: #2 quartz SETTING: 7-24
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: 4-inch sch 40 PVC SETTING: 0-9
DRILLING METHOD: Hollow stem auger	
SAMPLING METHOD: Split spoon	SEAL TYPE: Bentonite SETTING: 5-7
OBSERVER: Paul Woodell	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP: NM	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD: Surge and pump ~50 gallons
SURFACE COMPLETION: 8-inch streetbox set in concrete	DURATION: YIELD:
REMARKS: * Sample sent to lab	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
4	6	SS	4-2-4-4	0.6	0.0	Sand and gravel, some silt, brown, moist at top (rain water).
6	8	SS	4-6-4-3	1.2	0.4	Sand, medium to coarse and silt, brown, moist.
8	10	SS	4-4-2-2	Tip	0.1	Sand and gravel, some brick, moist, close to saturation. Cuttings at 10 feet have a higher clay content.
10	12	SS	3-1-1-2	1.0	26	Sand, fine and silt, some clay, brown, dark brown in tip, saturated bottom 0.5 foot slight odor in tip.
12	14	SS	6-8-7-8	0.4	>10K*	Sand, fine, and silt, brown, 0.2 foot band of black, free product, possible sheen, some odor.
14	16	SS	2-2-5-5	1.3	4,600	Sand, fine to coarse, and silt, some clay, brown, green band at 15.5 feet, strong solvent-like odor, becomes finer with depth.

16	18	SS	4-3-7-8	1.6	260	Silt, little clay, some fine sand at bottom half of spoon, olive brown, saturated.

OWNER: Fyn Paint

WELL NO.: MW-12 **PAGE:** 2 **OF** 2

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
18	20	SS		1.5	22	Sand, coarse to medium at top 0.5 foot, silt and sand; bottom 1.0 foot, broken schist, cobble, tight, moist.
20	22	SS		1.8	5.7	Sand and silt, trace gravel, trace clay, brown to rust, tight, moist.
						23-24 heavy drilling, water coming up augers.
						Auger refusal at 24 ft bg - set 15-foot screen 9 feet to 24 feet.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-13 PAGE: 1 OF 2 PAGES
SITE LOCATION: Southeast corner of Kent Avenue and North First Street Greenpoint, Brooklyn	SCREEN SIZE & TYPE: 4-inch sch 40 PVC SLOT NO.: 20 SETTING: 12-32
DATE COMPLETED: July 29, 2003	SAND PACK SIZE & TYPE: #2 SETTING: 10-32
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: 4-inch sch 40 PVC SETTING: 0-12
DRILLING METHOD: 6 5/8-inch hollow stem auger	
SAMPLING METHOD: Split spoon	SEAL TYPE: Bentonite SETTING: 8-10
OBSERVER: Paul Woodell	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP:	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD: Surge and pump ~50 gallons
SURFACE COMPLETION: 8-inch roadbox in concrete	DURATION: YIELD:
REMARKS: * Soil Samples	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
4	6	SS	4-1-1-2	1.2	0.0	Silt and fine sand, brown, dry.
6	8	SS		0.3	0.0	Silt, some clay, some fine sand, brown, moist.
						Major drilling restriction at 7 ft bg to 9 ft bg.
9	11	SS		1.0	0.0	Silt and sand, fine to medium, little clay, light tan, moist.
11	13	SS		2.0	0.0	11-12: Sand, fine, little silt, gray, moist.
					0.0	12-13: Sand, fine to coarse, some silt, orange/brown, moist.
13	15	SS		0.8	0.0	Silt and fine sand, little clay, light brown, gray in tip, very moist.
15	17	SS		2.0		Silt and fine sand, some clay, light brown to gray, very moist.

17	19	SS		2.0	0.0	Sand and silt, saturated at top 1.0 foot.
					0.0	18-19: Sand, fine to coarse, little silt, layered orange and black, saturated.

OWNER: Fyn Paint

WELL NO.: MW-13 **PAGE:** 2 **OF** 2

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
19	21	SS		2.0	1,012	Sand, medium to coarse, trace silt, brown at top and dark gray, saturated odor.
21	23	SS		1.6	8,000 (22-23)*	Sand, medium to coarse, little silt, dark gray, saturated, odor.
23	25	SS		0.4	NM	Sand, medium to coarse, little silt, dark gray, some odor.
25	27	SS		20	1,660	Sand, medium to coarse, little silt, dark gray, some odor.
29	31	SS			250*	Sand, medium to coarse, little silt, dark gray, some odor.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-14 PAGE: 1 OF 1 PAGES
SITE LOCATION: Northwest corner of River Street and North First Street Greenpoint, Brooklyn	SCREEN SIZE & TYPE: 4-inch sch 40 PVC SLOT NO.: 20 SETTING: 8-28
DATE COMPLETED: July 30, 2003	SAND PACK SIZE & TYPE: #2 quartz sand SETTING: 6-28
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: 4-inch sch 40 PVC SETTING:
DRILLING METHOD: 6 5/8-inch hollow stem auger	
SAMPLING METHOD: Split spoon	SEAL TYPE: Bentonite SETTING: 4-6
OBSERVER: Paul Woodell	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP: NM	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD: Surge and pump ~50 gallons
SURFACE COMPLETION: 8-inch roadbox in concrete	DURATION: YIELD:
REMARKS: * Sample	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
5	7	SS	2-1-1-2	0.3	0.0	Fill, sand, fine to coarse, some gravel, brown, moist.
7	9	SS	4-2-2-3	0.3	0.0	Fill, sand, fine to coarse, some gravel, brown, moist.
9	11	SS	5-8-8-10	0.6		Sand, medium to coarse and silt, trace gravel, brown, moist, compact.
11	13	SS	10-9-10-10	2.0	0.0*	Sand, fine to coarse, some silt, brown, saturated, sand is more coarse and compact at bottom 1.0 foot, no odor.
13	15	11	5-8-19-19	0.8	0.0	Sand, fine to coarse, some silt, brown, saturated.
15	17	11	4-9-15-16	2.0	0.1	Sand, fine to coarse, some silt, little gravel, 0.3 foot thick layer of coarse sand at 16 ft bg, brown, saturated, compact, no odor.
17	19	SS	18-16-60/2	2.0	0.1	Sand, medium to coarse, little silt, little gravel, more silt at bottom 1.0 foot, red sandstone broken cobble in tip, no odor.
19	21		High	1.5	0.2	Sand, medium to coarse and silt, 0.2 foot silt layer at 20.5 feet, broken cobble at 20.8 feet, brown, no odor.
	28					End of boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-15 PAGE: 1 OF 2 PAGES
SITE LOCATION: West side of Kent Avenue off northeast corner of Fyn Paint building	SCREEN SIZE & TYPE: 4-inch sch 40 PVC SLOT NO.: 20 SETTING: 13-33
DATE COMPLETED: July 31, 2003	SAND PACK SIZE & TYPE: #2 quartz sand SETTING: 11-33
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: 4-inch sch 40 PVC SETTING: 0-13
DRILLING METHOD: 6 5/8-inch hollow stem auger	
SAMPLING METHOD: Split spoon	SEAL TYPE: Bentonite SETTING: 9-11
OBSERVER: Paul Woodell	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP: NM	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD: None
SURFACE COMPLETION: 8-inch roadbox set in concrete	DURATION: YIELD:
REMARKS: Screen 13-33 * Sample	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1]/ READING	DESCRIPTION
FROM	TO					
5	7			2.0	35	Brown, sand, gray silt to 6.5 feet; gray coarse sand to 7.0 feet, slight odor.
7	9			1.0	72	Sand, medium to coarse, gray, dry, slight odor.
9	11			1.5	288*	Sand, 0.3 foot layers alternating fine and medium, gray, dry, slight odor.
11	13			2.0	220	Sand, medium to coarse, fine in middle third, coarse pink sand in bottom third, dry.
13	15			1.0	237	Sand, fine to medium, gray, pink coarse sand in tip, dry.
15	17			1.5	>10K*	Sand, fine to medium, some silt, coarse and in tip, brown, saturated at 16 to 16.5 feet, odor.
17	19			1.0	>10,000	Sand, coarse, some medium sand, gray/pink, saturated, odor.

19	21			1.5	2,000	Sand, fine, some silt, gray, slight odor.
21	23			1.5	6,000	Sand, fine to medium, some silt, little clay, tight silt at 22-22.5 feet, coarse sand, 22.5-23 feet.

OWNER: Fyn Paint

WELL NO.: MW-15 **PAGE:** 2 **OF** 2

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
23	25			1.5	1,030	Silt, some clay, little sand, brown to light red, tight, moist, 0.2 foot coarse sand at 24.5 foot, odor.
25	27			1.0	1,800	Coarse sand, gray, odor.
27	29			2.0	3,900	Coarse sand and gravel, gray, odor.
29	31			1.0	3,400*	Coarse sand, some medium sand, gray, odor.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-16 (1st & 2nd attempts) PAGE: 1 OF 1 PAGES
SITE LOCATION: Inside 230 Kent Avenue Greenpoint, Brooklyn	SCREEN SIZE & TYPE: SLOT NO.: SETTING:
DATE COMPLETED: August 1, 2003	SAND PACK SIZE & TYPE: SETTING:
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: SETTING:
DRILLING METHOD: Hollow stem auger	
SAMPLING METHOD: Split spoon	SEAL TYPE: SETTING:
OBSERVER: Paul Woodell	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP:	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION:	DURATION: YIELD:
REMARKS: Heavy drilling @ 8 ft, spoon refusal @ 9.5 ft. No well installed in these borings.	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
5	7	SS	–	2.0	200	Sand, fine and silt, brown, dry, compact, slight odor.
7	9	SS	–	1.0	1,300	Sand, fine to medium and gravel, some silt, brown with black, slight odor, dry.
9	9.5	SS	–	0.4	2,100*	Spoon refusal at 9.5 feet, sand, fine to coarse, some gravel, brick, little silt, brown, dry, some odor.
	10					Auger refusal at 10 ft bg.
	9.5					Second MW-16 boring location: Slow drilling beginning at 6 feet; auger refusal at 9.5 ft bg.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Fyn Paint WELL NO.: MW-16 (Third attempt) PAGE: 1 OF 1 PAGES
SITE LOCATION: inside Fyn Paint Building	SCREEN SIZE & TYPE: 2-inch sch 40 PVC SLOT NO.: 20 SETTING: 13-33
DATE COMPLETED: August 8, 2003	SAND PACK SIZE & TYPE: #2 Qtz. Sand SETTING: 1-33
DRILLING COMPANY: Aquifer Drilling & Testing, Inc. New York City	CASING SIZE & TYPE: 2-inch sch 40 PVC SETTING: 0-13
DRILLING METHOD: Mud rotary	
SAMPLING METHOD: Split spoon	SEAL TYPE: concrete SETTING: 0-1
OBSERVER: Paul Woodell	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP: NM	STATIC WATER LEVEL:
STICK-UP:	DEVELOPMENT METHOD: Surge and pump ~50 gallons
SURFACE COMPLETION: 4-inch roadbox in concrete	DURATION: YIELD:
REMARKS:	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube REC = recovery PPM = parts per million	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID[1/] READING	DESCRIPTION
FROM	TO					
0	9	C	–	–	–	Sand and silt similar to first two attempts at MW-16 (with augers).
9	20	C	–	–	–	Very slow drilling (~3 hours).
20	22	SS	4-5-5-10	0.3	125	Sand, medium to coarse, some silt, dark gray.
	33					End of boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Bill Feinstein **WELL NO.:** MW-20 **PAGE:** 1 **OF** 1 **PAGE**
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	**SCREEN SIZE & TYPE:** 2-inch diameter PVC **SLOT NO.:** 20 **SETTING:** 15-5 ft bg
DATE COMPLETED: July 11 and 14, 2005; August 1, 2005	**SAND PACK SIZE & TYPE:** #2 filter
DRILLING COMPANY: JNM Drilling **DRILLERS:** Dave	**SETTING:** 15-3 ft bg
	CASING SIZE & TYPE: 2-inch diameter PVC
DRILLING METHOD: Air knife/hollow-stem auger	**SETTING:** 5-0 ft bg
SAMPLING METHOD: Geoprobe	**SEAL TYPE:** Bentonite
OBSERVER: Sean Groszkowski	**SETTING:** 3-1 ft bg
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP:	**STATIC WATER LEVEL:** ~8 ft bg
STICK-UP:	**DEVELOPMENT METHOD:**
SURFACE COMPLETION: 8-inch flush mount manhole	**DURATION:** **YIELD:**
REMARKS:	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube** **MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	C	---	---	0.0	Fill materials (ash, cobble, metal...).
3	5	C	---	---	0.0	SILT, some fine to coarse sand, little gravel and fill (bricks, rope, C&D), brown, moist, no odor.
5	7	GP	---	0.1	0.0	SILT, trace very fine sand and gravel, brown, moist, no odor.
7	9	GP	---	1.0	0.0	SAND, fine to medium, little silt and gravel, brown, wet, no odor.
9	11	GP	---	1.25	0.0	SAND, fine, little silt, trace gravel/brick and organics (wood), gray/brown, wet, no odor.
11	13	GP	---	1.75	0.0	SAND, fine, little silt, trace gravel/brick and organics (wood), gray/brown, wet, no odor.
13	15	GP	---	2.0	0.0	SAND, fine, little silt and organics (wood), trace gravel, brown, wet, no odor.
15	17	GP	---	2.0	0.0	SAND, fine and silt, some organics (wood), trace gravel, brown, wet, no odor.
17	19	GP	---	2.0	0.0	SAND, fine and silt, some organics (wood), trace gravel, brown, wet, no odor.
19	20	GP	---	1.0	0.0	SAND, fine and silt, some organics (wood), trace gravel, brown, wet, no odor.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Fyn Paint & Lacquer Co., Inc. **WELL NO.:** MW-21 **PAGE:** 1 **OF** 1 **PAGE**
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	**SCREEN SIZE & TYPE:** 2-inch diameter PVC **SLOT NO.:** 20 **SETTING:** 12-22 ft bg
DATE COMPLETED: August 26, 2005	**SAND PACK SIZE & TYPE:** #2 filter **SETTING:** 10-22 ft bg
DRILLING COMPANY: JNM Drilling **DRILLERS:** John, Dave, John	**CASING SIZE & TYPE:** 2-inch diameter stainless steel
DRILLING METHOD: Hollow-stem auger, special bit	**SETTING:** 0-12 ft bg
SAMPLING METHOD: Cuttings/split spoon	**SEAL TYPE:** Bentonite
OBSERVER: Sean Groszkowski	**SETTING:** 12-9 ft bg
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP:	**STATIC WATER LEVEL:** ~15 ft bg
STICK-UP:	**DEVELOPMENT METHOD:**
SURFACE COMPLETION:	**DURATION:** **YIELD:**
REMARKS: Sampled 20-22 feet at 1030	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube** **MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe**	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
0	10	C	---	---	0.0	SILT, trace fine sand and gravel, brown/olive, moist, no odor.
10	17	C	---	---	1,882	SAND, fine, some silt, trace gravel, brown, moist, strong odor.
20	22	SS	3-3-3-3	1.5	2,857	SAND, fine to medium, trace silt, brown, wet, strong odor.
	22					End boring.

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June 27, 2006
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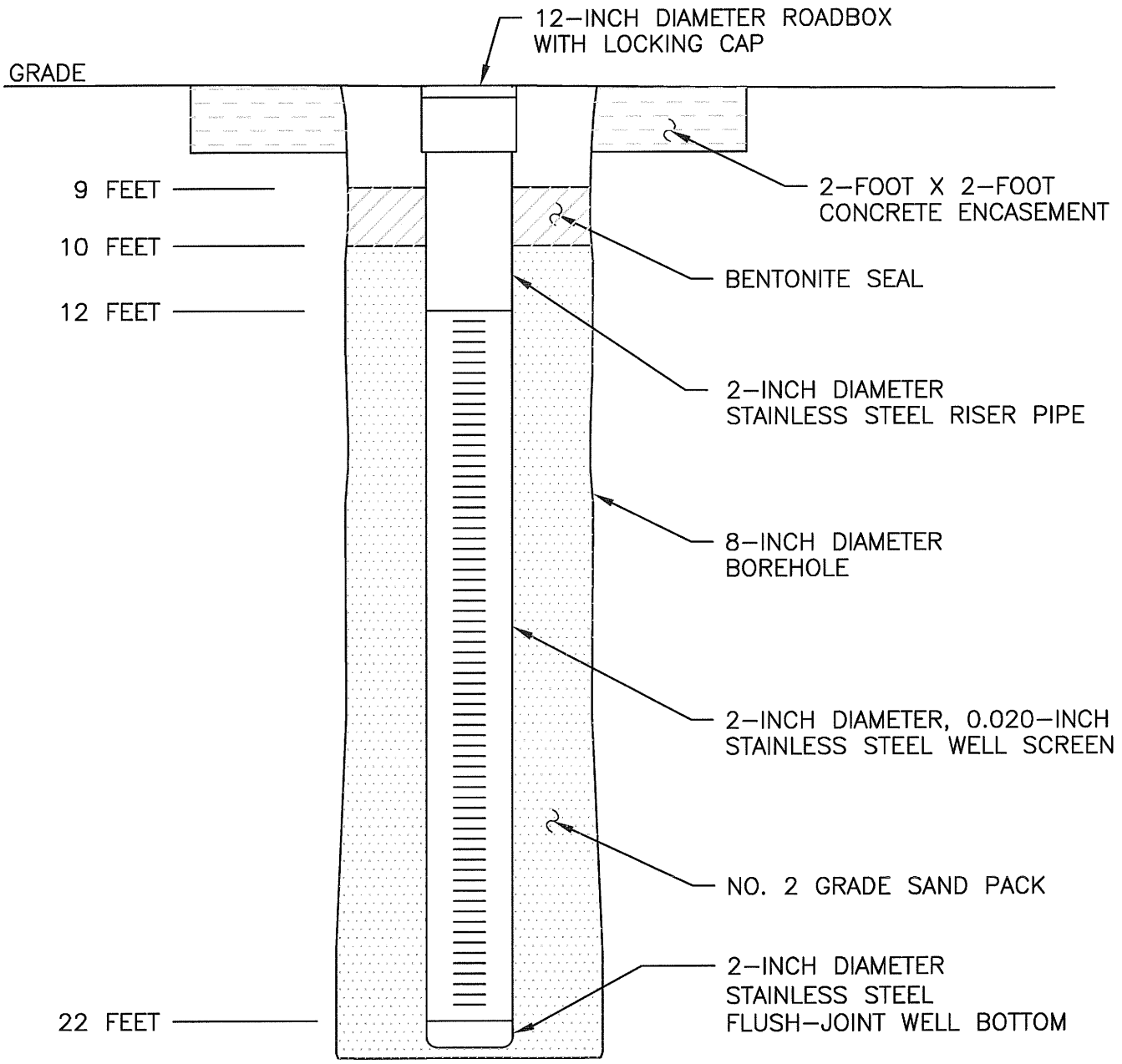

NOT TO SCALE

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

WELL CONSTRUCTION DIAGRAM OF MW-21

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
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(914) 694-5711

DRAWN: SCG	CHECKED:	DATE: 6/21/06	FIGURE:

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	OWNER: Bill Feinstein WELL NO.: MW-22 PAGE: 1 OF 2 PAGE
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	SCREEN SIZE & TYPE: 2-inch diameter stainless steel SLOT NO.: 20 SETTING: 9-19 ft bg
DATE COMPLETED: July 20, 2005	SAND PACK SIZE & TYPE: #2 filter SETTING: 19-7 ft bg
DRILLING COMPANY: JNM Environmental DRILLERS: Dave and John	CASING SIZE & TYPE: 2-inch diameter stainless steel SETTING: 9-0 ft bg
DRILLING METHOD: Hand clear/hollow-stem auger	
SAMPLING METHOD: Geoprobe	SEAL TYPE: Bentonite SETTING: 7-4 ft bg
OBSERVER: Sean Groszkowski	
REFERENCE POINT (RP): Grade	BACKFILL TYPE: Sand
ELEVATION OF RP:	STATIC WATER LEVEL: ~12 ft bg
STICK-UP:	DEVELOPMENT METHOD:
SURFACE COMPLETION:	DURATION: YIELD:
REMARKS:	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.75	C	---	---	0.0	ASPHALT.
0.75	1.5	C	---	---	0.0	ASH, gray, dry, no odor.
1.5	5	C	---	---	0.0	SILT, some ash, slag, cobble, gravel, wood, trace sand, brown/black, moist, no odor.
5	7	GP	---	1.75	0.0	SILT, little gravel, trace fine sand, brown, moist, no odor.
7	9	GP	---	2.0	>9,999	SILT, little gravel, trace fine sand, brown, moist, strong odor.
9	11	GP				SILT, little sand, fine to medium and gravel, brown, moist, strong odor.
11	12	GP	---	1.0	>9,999	SILT, little sand, fine to medium and gravel, brown, moist, strong odor.
12	13	GP	---	1.0	873	SILT, trace very fine sand, and gravel, reddish-brown, moist, moderate odor.
13	14	GP	---	1.0	>9,999	SILT, trace very fine sand, and gravel, reddish-brown, moist, strong odor.

OWNER: Bill Feinstein

WELL NO.: MW-22 **PAGE: 2 OF 2 PAGES**

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (ppm)	DESCRIPTION
14	15	GP	---	1.0	>9,999	SAND, fine to medium, little silt and gravel, gray, wet/saturated, strong odor.
15	16	GP	---	1.0	>9,999	SILT, some sand, fine to medium and gravel, wet, product visible, black, strong odor.
16	17	GP	---	1.0	>9,999	SILT, trace very fine sand and gravel, reddish-brown, moist, moderate odor.
17	19	GP	---	1.5	>9,999	SILT, some fine sand, little coal/gravel, brown, wet, strong odor.
19	21	GP	---	2.0	2,315	SILT, little fine sand and gravel, brown/olive, moist, strong odor.
	21					End boring.

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June 27, 2006
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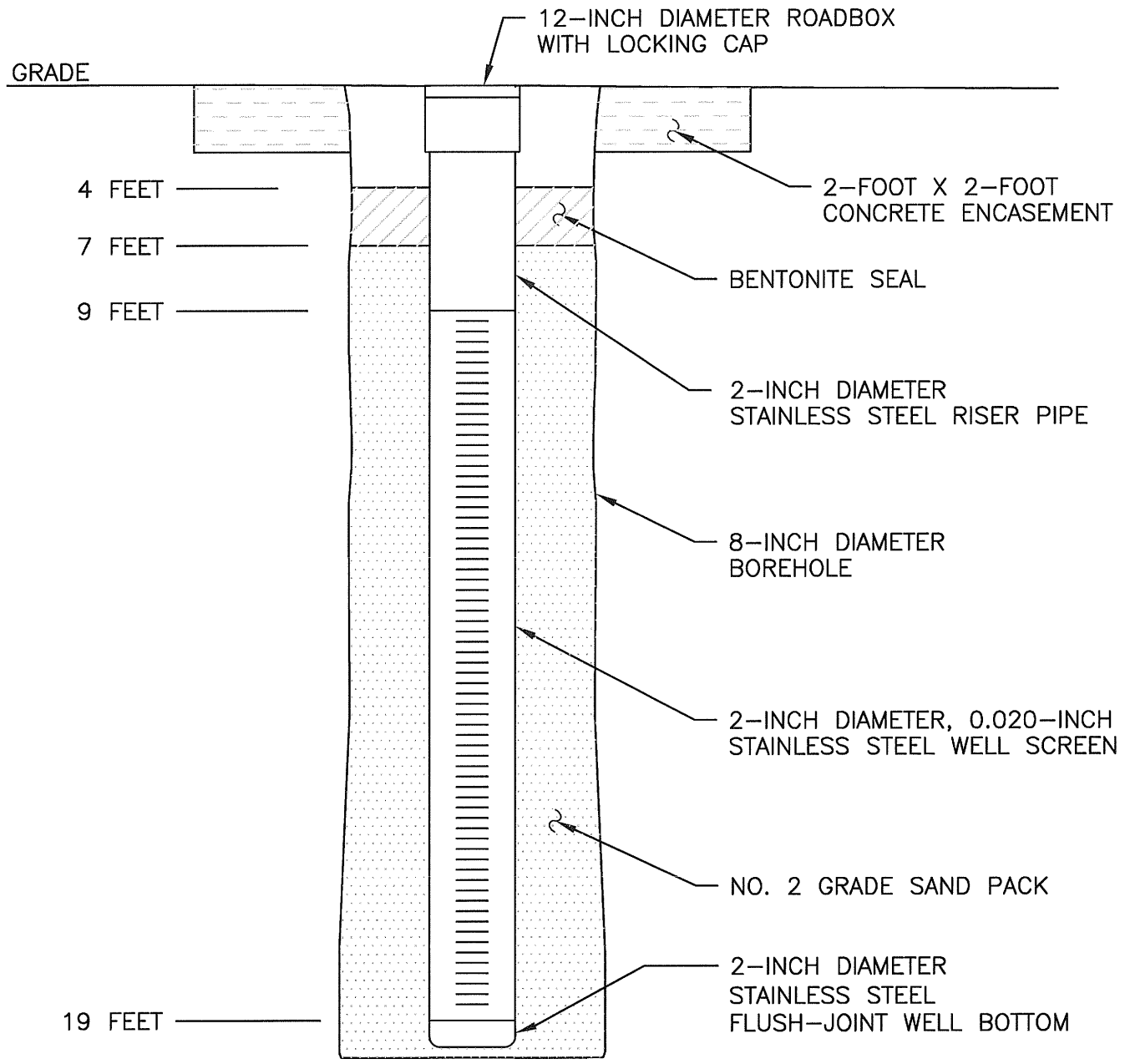

NOT TO SCALE

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

WELL CONSTRUCTION DIAGRAM OF MW-22

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
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(914) 694-5711

DRAWN: SCG	CHECKED:	DATE: 6/21/06	FIGURE:

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Bill Feinstein **WELL NO.:** MW-23 **PAGE:** 1 **OF** 2 **PAGE**
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	**SCREEN SIZE & TYPE:** 2-inch diameter stainless steel **SLOT NO.:** 20 **SETTING:** 7.5-17.5 ft bg
DATE COMPLETED: July 21 and 22, 2005	**SAND PACK SIZE & TYPE:** #2 filter
DRILLING COMPANY: JNM Environmental **DRILLERS:** Dave and John	**SETTING:** 5.5-17.5 ft bg **CASING SIZE & TYPE:** 2-inch diameter stainless steel
DRILLING METHOD: Hand clear/hollow-stem auger	**SETTING:** 0-7.5 ft bg
SAMPLING METHOD: Geoprobe	**SEAL TYPE:** Bentonite
OBSERVER: Sean Groszkowski	**SETTING:** 3-5.5 ft bg
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP:	**STATIC WATER LEVEL:** ~10 ft bg
STICK-UP:	**DEVELOPMENT METHOD:**
SURFACE COMPLETION:	**DURATION:** **YIELD:**
REMARKS: Sampled 14-15 feet at 1400 July 22 2005	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube** **MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	1	C	---	---	0.0	ASPHALT.
1	2.5	C	---	---	0.0	ASH, some tar, slag, metal trash, cobble, trace sand, brown/gray, moist, slight odor.
2.5	5	C	---	---	0.0	SILT, some ash, slag, cobble, brown, moist, no odor.
5	5.5	GP	---	0.5	19.0	SAND, some gravel, some silt, brown, slight odor, dry.
5.5	6.5	GP	---	1.0	3.2	SILT, some sand, dark brown, slight odor, dry.
7	9	GP	---	2.0	5.9	SILT, some sand, dark gray/brown, no odor, dry.
9	11	GP	---	2.0	7.7	SILT, trace sand, dark gray, moist, no odor.
11	13	GP	---	1.0	45.0	SILT, trace sand, dark gray, moist, no odor.
13	14	GP	---	1.0	3,422	SILT, trace sand, fine, dark brown, moist, strong odor.

OWNER: Bill Feinstein

WELL NO.: MW-23 **PAGE:** 2 **OF** 2 **PAGES**

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (ppm)	DESCRIPTION
14	15	GP	---	1.0	>9,999	SAND, fine to medium, some silt, trace gravel, dark brown, product visible, saturated, strong odor.
15	17	GP	---	2.0	414	SILT, trace very fine sand and gravel, brown, moist, some odor.
17	19	GP	---	2.0	5,060	SILT, trace very fine sand and gravel, brown, moist, strong odor.
19	20	GP	---	1.0	4,928	SILT, trace very fine sand and gravel, brown, moist, strong odor.
	20	GP				Refusal.

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June 27, 2006
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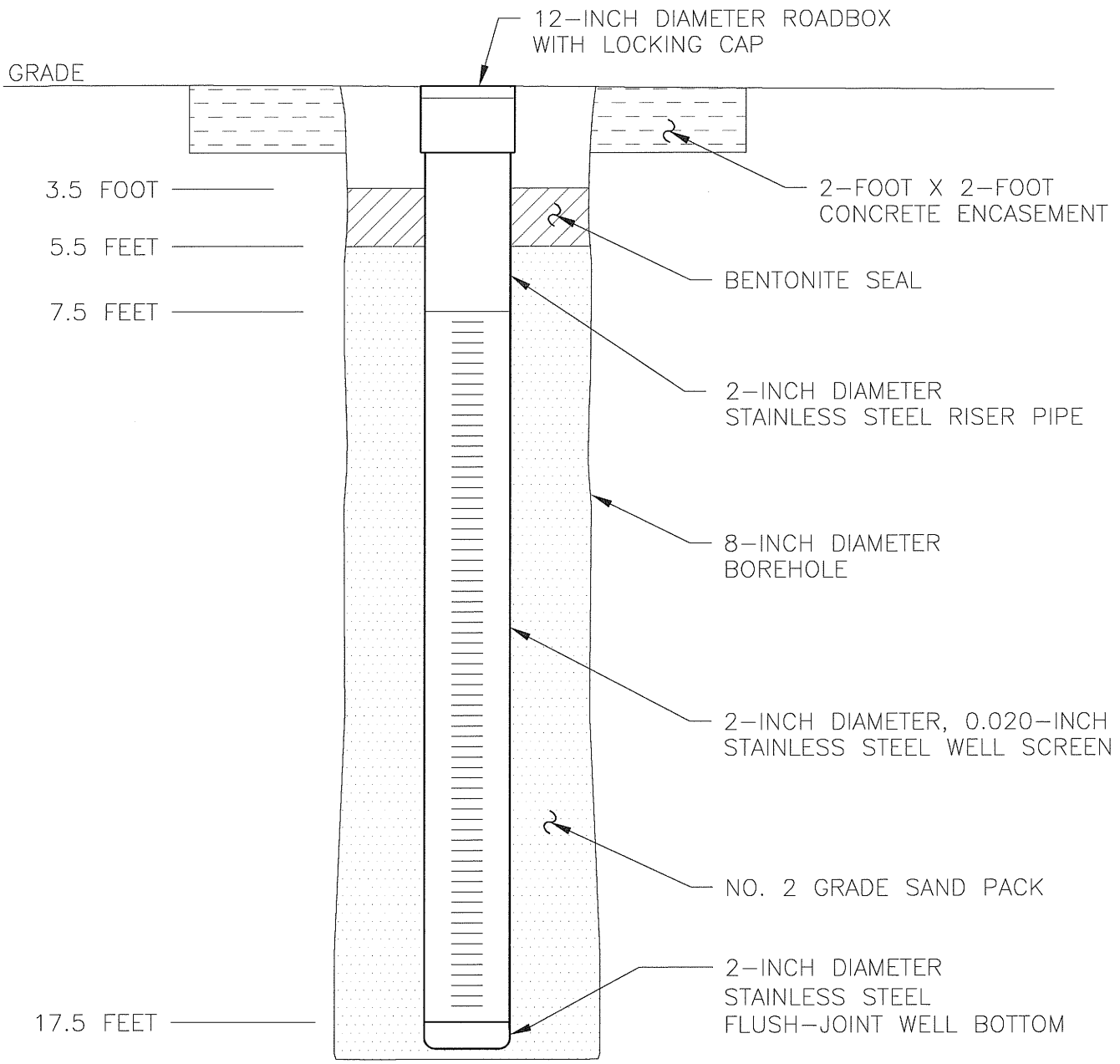

NOT TO SCALE

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

WELL CONSTRUCTION DIAGRAM OF MW-23

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and Environmental Engineering Services
110 Corporate Park Drive
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DRAWN:	CHECKED:	DATE:	FIGURE:
SCG		6/21/06	

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Bill Feinstein **WELL NO.:** MW-24 **PAGE:** 1 **OF** 1 **PAGE**
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	**SCREEN SIZE & TYPE:** 2-inch diameter stainless steel **SLOT NO.:** 20 **SETTING:** 23.5-13.5 ft bg
DATE COMPLETED: July 18 and 29, 2005	**SAND PACK SIZE & TYPE:** #2 filter **SETTING:** 23.5-11.5 ft bg
DRILLING COMPANY: JNM Drilling **DRILLERS:** Dave and John	**CASING SIZE & TYPE:** 2-inch diameter stainless steel **SETTING:** 13.5-0 ft bg
DRILLING METHOD: Hand clear/hollow-stem auger	
SAMPLING METHOD: Geoprobe/cuttings	**SEAL TYPE:** Bentonite **SETTING:** 11-8 ft bg
OBSERVER: Sean Groszkowski	
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP:	**STATIC WATER LEVEL:** ~16 ft bg
STICK-UP:	**DEVELOPMENT METHOD:**
SURFACE COMPLETION:	**DURATION:** **YIELD:**
REMARKS: Sampled 15-17 feet at 0945	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube** **MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	1	C	---	---	---	Concrete.
1	5	C	---	---	---	SILT, some gravel and cobble, little fine sand, brown, moist, no odor.
5	7	GP	---	1.5	0.0	SILT, and fine sand, brown, moist, no odor.
7	9	GP	---	1.5	0.0	SILT, and fine sand, brown, moist, no odor.
9	11	GP	---	1.5	0.0	SILT, little fine sand and gravel, brown, moist, no odor.
11	12	GP	---	0.75	0.0	SAND, fine trace silt, brown, moist, no odor.
12	13	GP	---	0.75	0.0	SAND, fine and silt, cobbles at 12, brown, moist, no odor.
13	15	GP	---	1.75	0.0	SAND, fine and silt, trace gravel, dark brown, wet, no odor.
15	17	GP	---	1.5	0.0	SAND, fine, some silt, trace gravel, brown, wet, no odor.
17	18	GP	---	1.0	0.0	SILT, trace fine sand and gravel, brown, wet, no odor.
	18					Refusal – end boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Bill Feinstein **WELL NO.:** MW-25 **PAGE:** 1 **OF** 2 **PAGE**
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	**SCREEN SIZE & TYPE:** 2-inch diameter stainless steel **SLOT NO.:** 20 **SETTING:** 21-11 ft bg
DATE COMPLETED: July 11 and August 1, 2005	**SAND PACK SIZE & TYPE:** #2 filter
DRILLING COMPANY: JNM Drilling **DRILLERS:** Dave and John	**SETTING:** 29-9 ft bg
	CASING SIZE & TYPE: 2-inch diameter stainless steel
DRILLING METHOD: Hand clear/hollow-stem auger	**SETTING:** 11-0 ft bg
SAMPLING METHOD: Geoprobe	**SEAL TYPE:** Bentonite
OBSERVER: Sean Groszkowski	**SETTING:** 9-6.5 ft bg
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP:	**STATIC WATER LEVEL:** ~14 ft bg
STICK-UP:	**DEVELOPMENT METHOD:**
SURFACE COMPLETION:	**DURATION:** **YIELD:**
REMARKS: Sampled 19-21 feet at 1240	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	3	C	---	---	0.0	CONCRETE (6-8 inches). Fill (stone, ash, slag, cobble.....).
3	5	C	---	---	0.0	SAND, fine to medium, some silt, brown, moist, no odor.
5	7	GP	---	1.75	0.0	SILT, trace very fine sand and gravel, brown, moist, no odor.
7	9	GP	---	2.0	0.0	SILT, trace very fine sand and gravel, brown, moist, no odor.
9	11	GP	---	1.0	0.0	SILT, some very fine sand, brown, wet, no odor.
11	13	GP	---	2.0	0.0	SAND, fine to medium, some silt, brown, wet, no odor.
13	15	GP	---	1.75	0.0	SAND, fine to medium, little silt, brown, wet, no odor.
15	17	GP	---	1.5	0.0	SAND, fine to very fine and silt, brown, wet, no odor.
17	19	GP	---	1.75	0.0	Very fine sand and silt, trace gravel, brown, wet, no odor.

OWNER: Bill Feinstein

WELL NO.: MW-25 **PAGE:** 2 **OF** 2 **PAGES**

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (ppm)	DESCRIPTION
19	21	GP	---	1.5	167	SAND, fine to medium, some silt, trace gravel, brown, wet, some odor.
21	23	GP	---	2.0	34.8	SAND, fine to medium, trace silt, brown/gray, wet, slight odor.
23	25	GP	---	1.5	6.3	SAND, fine to medium, trace silt, black, gray, wet, no odor.
	26					End boring.

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June 27, 2006
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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Bill Feinstein **WELL NO.:** MW-26 **PAGE:** 1 **OF** 1 **PAGE**
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	**SCREEN SIZE & TYPE:** 2-inch diameter stainless steel **SLOT NO.:** 20 **SETTING:** 20-10 ft bg
DATE COMPLETED: July 11, 14 and 29, 2005	**SAND PACK SIZE & TYPE:** #2 filter **SETTING:** 20-8 ft bg
DRILLING COMPANY: JNM **DRILLERS:** Dave and John	**CASING SIZE & TYPE:** 2-inch diameter stainless steel
DRILLING METHOD: Hand clear/hollow-stem auger	**SETTING:** 10-0 ft bg
SAMPLING METHOD:	**SEAL TYPE:** Bentonite
OBSERVER: Sean Groszkowski	**SETTING:** 8-5 ft bg
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP:	**STATIC WATER LEVEL:** ~13 ft bg
STICK-UP:	**DEVELOPMENT METHOD:**
SURFACE COMPLETION:	**DURATION:** **YIELD:**
REMARKS: Sampled 11-13 feet at 1530	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe**	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
0	3	C	---	---	0.0	CONCRETE (top 6-8 inches). Fill (ash, cobble, trash...).
3	5	C	---	---	0.0	SAND, fine to medium, some silt, trace clay, tan/brown, moist, no odor.
5	7	GP	---	2.0	0.0	SILT, trace very fine sand and gravel, brown, moist, no odor.
7	9	GP	---	2.0	0.0	SILT, trace very fine sand and gravel, brown, moist, no odor.
9	11	GP	---	2.0	0.0	SILT and very fine sand, trace gravel, brown, moist, no odor.
11	13	GP	---	1.5	0.0	SAND, fine, and silt, trace gravel and clay, brown, wet, no odor.
13	15	GP	---	1.75	0.0	SAND, fine to medium, little silt, trace gravel, brown, wet, no odor.
15	17	GP	---	1.75	0.0	SILT, trace fine sand and gravel, brown, moist, no odor.
17	18					
	18					Refusal – end boring.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Bill Feinstein **WELL NO.:** MW-27 **PAGE:** 1 **OF** 2 **PAGE**
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	**SCREEN SIZE & TYPE:** 2-inch diameter PVC **SLOT NO.:** 20 **SETTING:** 65-55 ft bg
DATE COMPLETED: July 21 and 25, 2005 and August 29, 2005	**SAND PACK SIZE & TYPE:** #2 filter
DRILLING COMPANY: JNM Environmental **DRILLERS:** Dave and John	**SETTING:** 65-53 ft bg
	CASING SIZE & TYPE: 2-inch diameter stainless steel
DRILLING METHOD: Hand clear/hollow-stem auger	**SETTING:** 55-0 ft bg
SAMPLING METHOD: Geoprobe	**SEAL TYPE:** Bentonite / Grout
OBSERVER: Sean Groszkowski	**SETTING:** 53-51 ft bg / 51-2 ft bg
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Grout
ELEVATION OF RP:	**STATIC WATER LEVEL:**
STICK-UP:	**DEVELOPMENT METHOD:**
SURFACE COMPLETION:	**DURATION:** **YIELD:**
REMARKS: Sampled 10.5-11 feet at 1150	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	0.5	C	---	---	0.0	ASPHALT.
0.5	1	C	---	---	0.0	GRAVEL, trace sand and silt, gray, dry, no odor.
1	5	C	---	---	0.0	SILT, some ash, slag, cobble, gravel, fine sand, brown, moist, no odor.
5	7	GP	---	1.0	0.0	SAND to silt, brown to dark gray, some gravel, moist, slight odor.
7	9	GP	---	2.0	0.0	SILT, little fine sand and gravel, brown, moist, no odor.
9	10.5	GP	---	1.5	8.4	SILT, little very fine sand, brown, moist, slight odor.
10.5	11	GP	---	0.25	>9,999	SILT, little very fine sand, brown/black, moist/wet, strong odor.
11	13	GP	---	2.0	>9,999	SAND, fine to medium, little silt and gravel, brown, saturated, strong odor.
13	14	GP	---	1.0	>9,999	SILT, some gravel, trace fine sand, brown/black, moist/wet, strong odor, concrete at 14 ft bg.

OWNER: Bill Feinstein

WELL NO.: MW-27 **PAGE: 2 OF 2 PAGES**

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (ppm)	DESCRIPTION
14	15	GP	---	---	---	CONCRETE.
15	16	GP	---	1.0	>9,999	SAND, fine, some silt, brown, saturated, strong odor.
16	17	GP	---	---	---	CONCRETE.
17	19	GP	---	2.0	>9,999	SAND, fine to medium, some silt, trace gravel, brown, wet, strong odor.
19	21	GP	---	1.0	2,230	SAND, fine to medium, some gravel, brown, wet, odor.
21	22.5	GP	---	1.0	579	FINE to medium, sand, red-brown to brown, moist, odor.
23	25	GP	---	1.0	>9,999	SAND, fine to medium, some silt, trace gravel, moist, dark brown, odor.
30	32	GP	10-14-15-14	0.75	240.6	SAND, fine to medium, some silt, trace gravel, wet, brown, moderate odor.
35	40	GP	---	0.5	986	SAND, fine to medium, trace silt, brown, saturated, strong odor.
40	45	GP	---	0.25	437	SAND, fine to medium, trace silt, brown, saturated, strong odor.
50	52	GP	---	0.75	432	SAND, fine to medium, trace silt, brown, saturated, strong odor.
55	57	GP	---	1.0	883	SAND, fine to medium, trace silt, brown, saturated, strong odor.
60	62	GP	---	1.00	1,437	SAND, fine to medium, trace silt, brown, saturated, strong odor.
	65	GP	---			End boring.

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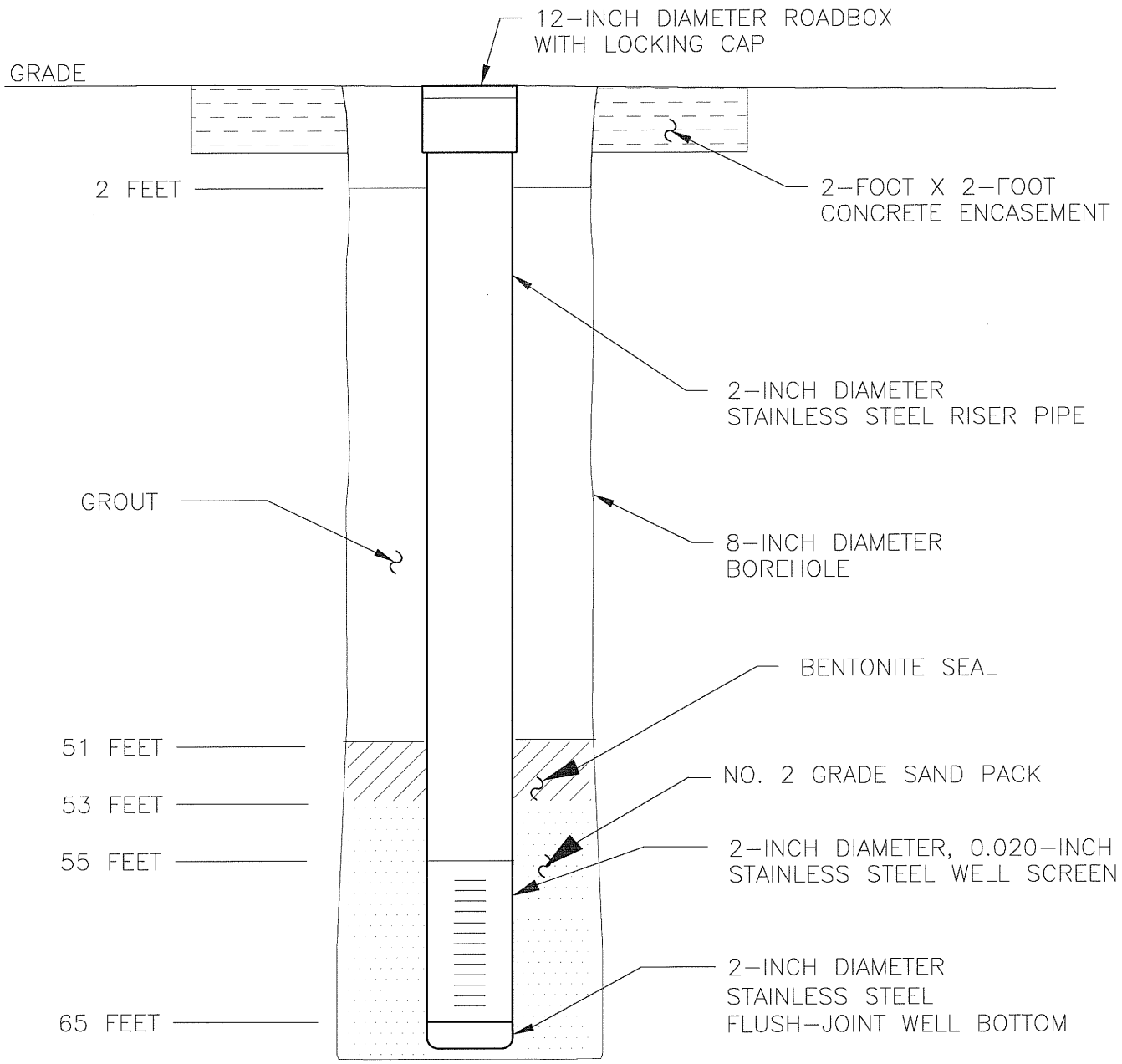

NOT TO SCALE

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

WELL CONSTRUCTION DIAGRAM OF MW-27

DATE	REVISED

PREPARED BY:

LEGGETTE, BRASHEARS & GRAHAM, INC.
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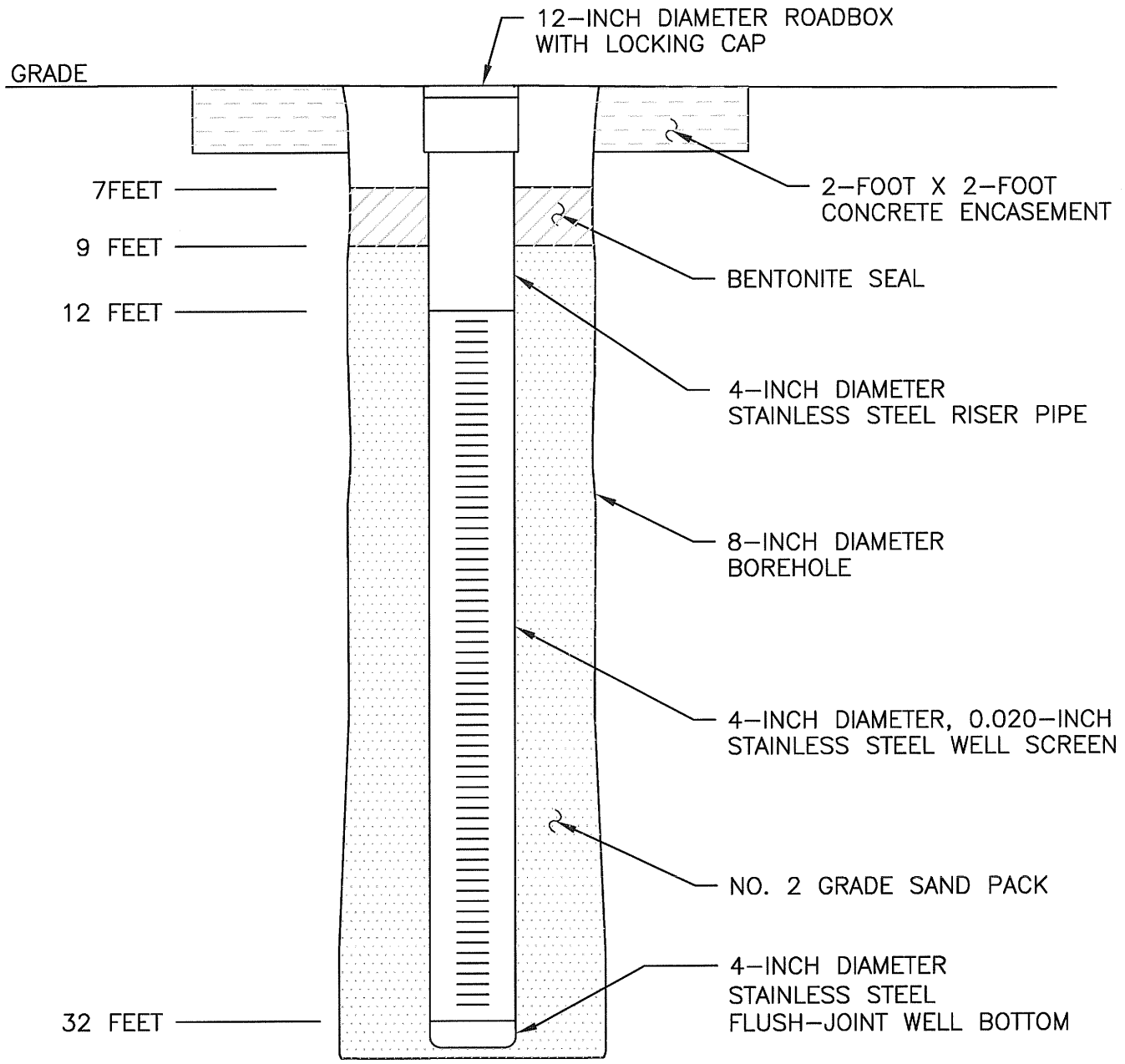
DRAWN:	CHECKED:	DATE:	FIGURE:
SCG		6/21/06	

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Bill Feinstein **WELL NO.:** EW-1 **PAGE:** 1 **OF** 1 **PAGE**
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	**SCREEN SIZE & TYPE:** 4-inch diameter stainless steel **SLOT NO.:** 20 **SETTING:** 32-12 ft bg
DATE COMPLETED: July 20, 2005	**SAND PACK SIZE & TYPE:** #2 filter **SETTING:** 32-9 ft bg
DRILLING COMPANY: JNM Environmental **DRILLERS:** Dave and John	**CASING SIZE & TYPE:** 4-inch diameter stainless steel **SETTING:** 12-0 ft bg
DRILLING METHOD: Hand clear/hollow-stem auger	
SAMPLING METHOD: Geoprobe	**SEAL TYPE:** Bentonite **SETTING:**
OBSERVER: Sean Groszkowski	
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:**
ELEVATION OF RP:	**STATIC WATER LEVEL:**
STICK-UP:	**DEVELOPMENT METHOD:**
SURFACE COMPLETION:	**DURATION:** **YIELD:**
REMARKS:	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
0	1	C	---	---	0.0	CONCRETE.
1	2	C	---	---	0.0	ASH, gray, no odor.
2	5	C	---	---	0.0	SILT, some ash, brick, cobble, trace sand, brown, no odor.
5	7	GP	---	1.75	162	SILT, trace very fine sand, gravel, olive, moist, slight odor.
7	9	GP	---	1.75	>9,999	SILT, some fine to medium sand, trace gravel, reddish-brown, moist, strong odor.
9	11	GP	---	2.0	>9,999	SILT, some fine to medium sand, trace gravel, reddish-brown, moist, strong odor.
11	12.5	GP	---	1.5	>9,999	SILT, some fine to medium sand, trace gravel, reddish-brown, moist, strong odor.
15	17		---	---	---	Cobble layer (hard drilling).
17	20	C	---	---	>9,999	SILT, trace gravel and fine sand, brown, moist, strong odor.
17	32	C	---	---	---	Smooth drilling (no sampling)
	32					End boring.



NOT TO SCALE

FYN PAINT & LACQUER CO. INC.
230 KENT AVENUE
BROOKLYN, NEW YORK

WELL CONSTRUCTION DIAGRAM OF EW-1

DATE	REVISED

PREPARED BY:

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DRAWN: SCG	CHECKED:	DATE: 6/21/06	FIGURE:

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WHITE PLAINS, NEW YORK	**OWNER:** Bill Feinstein **WELL NO.:** EW-2 **PAGE:** 1 **OF** 2 **PAGE**
SITE LOCATION: Fyn Paint & Lacquer Co., Inc. Brooklyn, New York	**SCREEN SIZE & TYPE:** 4-inch diameter stainless steel **SLOT NO.:** 20 **SETTING:** 25-5 ft bg
DATE COMPLETED: July 12 and 14, 2005	**SAND PACK SIZE & TYPE:** #2 filter **SETTING:** 25-3 ft bg
DRILLING COMPANY: JNM Drilling **DRILLERS:** Dave and John	**CASING SIZE & TYPE:** 4-inch diameter stainless steel **SETTING:** 5-0 ft bg
DRILLING METHOD: Hand clear/hollow-stem auger	
SAMPLING METHOD: Geoprobe	**SEAL TYPE:** Bentonite **SETTING:** 3-1 ft bg
OBSERVER: Sean Groszkowski	
REFERENCE POINT (RP): Grade	**BACKFILL TYPE:** Sand
ELEVATION OF RP:	**STATIC WATER LEVEL:** ~8 ft bg (rods show 6 ft bg)
STICK-UP:	**DEVELOPMENT METHOD:**
SURFACE COMPLETION: 8-inch diameter manhole	**DURATION:** **YIELD:**
REMARKS: Sampled 7-9 feet at 1340	
ABBREVIATIONS: **SS = split spoon W = wash C = cuttings G = grab ST = shelby tube** **MC = Macrocore REC = Recovery PPM = parts per million GP = Geoprobe**	

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
0	3	C	---	---	0.0	CONCRETE (6 to 8 inches). Fill (gravel, stone, ash, slag, cobble...).
3	5	C	---	---	0.0	SAND, fine to medium, some silt, little gravel, brown, moist, no odor.
5	7	GP	---	2.0	>9,999	SILT, little fine sand and gravel, brown, moist, strong odor.
7	9	GP	---	1.75	>9,999	SILT, little fine sand and gravel, brown, moist, strong odor.
9	11	GP	---	2.0	1,885	SAND, very fine to fine, and silt, trace gravel, brown, wet/moist, strong odor.
11	13	GP	---	2.0	2,329	SAND, fine and silt, trace gravel, brown, wet, strong odor.
13	15	GP	---	2.0	4,730	SAND, fine, little silt, trace gravel, brown, wet, strong odor.
15	17	GP	---	2.0	2,829	SAND, fine to medium, some silt, brown, wet, medium sand at 17).
17	19	GP	---	2.0	34	17: SAND, medium, little silt. 17-19: SILT, some very fine sand, brown, wet, slight odor.

OWNER: Bill Feinstein

WELL NO.: EW-2 **PAGE:** 2 **OF** 2 **PAGES**

DEPTH (FEET) FROM	DEPTH (FEET) TO	SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (ppm)	DESCRIPTION
19	21	GP	---	2.0	1.1	SILT, some clay veins, top to bottom, trace fine sand, brown, moist, no odor.
21	23	GP	---	2.0	0.0	SILT, trace very fine sand and clay, brown, moist, no odor.
23	25	GP	---	2.0	7.1	SAND, very fine, little silt, trace gravel and clay, brown, wet, no odor.
28	30	GP	---	2.0	0.0	SAND, fine to medium, some silt, trace clay, brown, wet, no odor.
33	35	GP	---	2.0	0.0	SAND, medium to coarse, trace silt and gravel, brown, wet, no odor.
	35	GP	---			End boring.

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June 27, 2006
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