



February 8, 2007

Mr. John B. Miller
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation
Remedial Bureau C, Section A
625 Broadway
Albany, NY 12233-7015

RECEIVED

FEB 12 2007

Remedial Bureau C
Division of Environmental Remediation

TRANSMITTAL VIA CERTIFIED MAIL

**RE: Interim Remedial Measure (IRM) Work Plan
Blue Mountain Plaza Shopping Center
City of Peekskill, Westchester County, New York
Voluntary Cleanup Agreement No. V00160-3
Bell Project #EOG01-93042-07**

Dear Mr. Miller,

Bell Environmental (BELL), on behalf of Kurtsam Realty (Kurtsam), has prepared this Interim Remedial Measure (IRM) Work Plan to address the scope of work outlined in the NYSDEC letters dated November 4, 2005 and August 17, 2006. The scope of work involved the semi-annual sampling of the existing onsite wells (Figure 1), the reinstallation and sampling of the two offsite wells, installation of a sub slab depressurization system (SSDS), and air sampling to document the effectiveness of the SSDS. In addition, Kurtsam will prepare an environmental easement to address remaining residual contamination. Additional details of the IRM are discussed below.

SECTION 1 – SCOPE OF WORK

TASK 1 – WELL INSTALLATION

Kurtsam will replace offsite monitoring wells, MW-7 and MW-8 (Figure 1). These former wells, located across South Street on the Karta Container & Recycling, Inc. property were destroyed and filled in. Kurtsam proposes that this task be delayed until construction activities at the site cease. Karta Container & Recycling is in the process of obtaining local construction permits. Kurtsam will continue to monitor the status of the construction and will keep the NYSDEC apprised of the situation.

Kurtsam also proposes to change the locations of these replacement wells to move them closer to South Street so the wells will not be damaged again by truck traffic. Please see Figure 1 for proposed locations of the replacement wells. During the request for access to the Karta property for the well installation, Kurtsam will request permission to install either stick-up well protective casings or install protective concrete pylons or posts around the wells to prevent damage again from truck traffic. Kurtsam will utilize the same specifications for the replacement wells that were used for the original damaged monitoring wells.



TASK 2 – GROUND WATER MONITORING WELL SAMPLING

To monitor ground water quality at the site, Kurtsam will collect ground water samples from monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7R, and MW-8R on a semi-annual basis. Prior to sampling, each monitoring well will be inspected by BELL personnel to observe and document the security of the well. Each monitoring well will subsequently be opened and screened with an Organic Vapor Meter (OVM) to measure accumulated organic vapors, if any, within each monitoring well column. The static fluid level within the well will be inspected for evidence of free-phase hydrocarbon using an interface probe. The static ground water level in each well will be measured using a ground water level indicator with an accuracy of 1/100 of a foot.

Three to five well volumes of ground water will be purged from the wells. A Teflon bailer will be lowered into the monitoring well below the water table and then retracted. Laboratory supplied samples bottles will be filled for analysis of TCL VO. Ground water samples will be containerized in the laboratory-supplied glassware, which will then be sealed and labeled. Once sealed and labeled, the sample bottles will be placed into a sample cooler maintained at a temperature of four degrees Celsius pending delivery to the laboratory. A field blank will be created by pouring de-ionized water into an unused Teflon bailer and then will be transferred into samples bottles for each parameter. A trip blank will also be included with the sample bottles provided by the laboratory.

TASK 3 – INSTALLATION OF A SUB-SLAB DEPRESSURIZATION SYSTEM

In order to mitigate vapors detected in the basement and first floor of the two tenants (a dry cleaner and pizzeria) at the above referenced site, Kurtsam will install a sub-slab depressurization system (SSDS) beneath the cement slab in the basement of these two tenant spaces. Attachment 2 provides the detailed engineering specifications for the SSDS. Following installation, the system will be tested to assess the effectiveness of the selected flow rate, to ensure that treatment of the effluent gas is not warranted, and to make sure the system is running correctly and efficiently. Please refer to Attachment 2, Design Requirements #8 regarding the post installation confirmation testing procedures.

Additionally, 8-hour time weighted air samples will be collected via six-liter stainless steel suma canisters from the sub-slab (via sample ports installed on the SSDS), basement area, and first floor areas at the two tenant locations. These air samples will be collected 30-90 days after installation of the SSDS, but no sooner than 30 days after the SSDS is in operation, per the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, Section 4.3.1e. The air samples will be analyzed utilizing method TO-14A.

TASK 4 – AIR MONITORING

Upon installation of the SSDS and the completion of the air sampling 30-90 days following installation, Kurtsam will begin collecting air samples on the same schedule as the semi-annual ground water sampling for a minimum of two years. The purpose of this sampling will be to evaluate the effectiveness of the SSDS. During each event, six air



samples, and one background sample, will be collected using six-liter stainless steel suma canisters with eight-hour intake regulators. Samples will be collected from the sub-slab, basement area, and first floor areas at the two tenant locations, the dry cleaners and adjoining pizza restaurant. The six air samples, and the background sample, will be analyzed for method TO-14A.

SECTION 2 – SCHEDULE

The above tasks, as well as the Site Management Plan (formerly referred to as an Operation, Monitoring, and Maintenance Plan), will be implemented according to the following schedule:

Environmental Easement	Pending client signature, it will be submitted under separate cover from this IRM.
Site Management Plan Report	Pending NYSDEC approval of IRM Work Plan *
Installation of replacement wells MW-7R and MW-8R	We will Keep NYDEC updated on status of this.
Sub-Slab Depressurization System Installation	6 months from approval of this document
Monitoring Well/Air Sampling	To be determined once wells and SSDS system are installed.
Semi-Annual Reports	To be determined once wells and SSDS system are installed.

* = Will be submitted 60 days following written approval of IRM Work Plan.

If you should have any questions or require additional information, please do not hesitate to contact our office.

Very truly yours,

BELL ENVIRONMENTAL

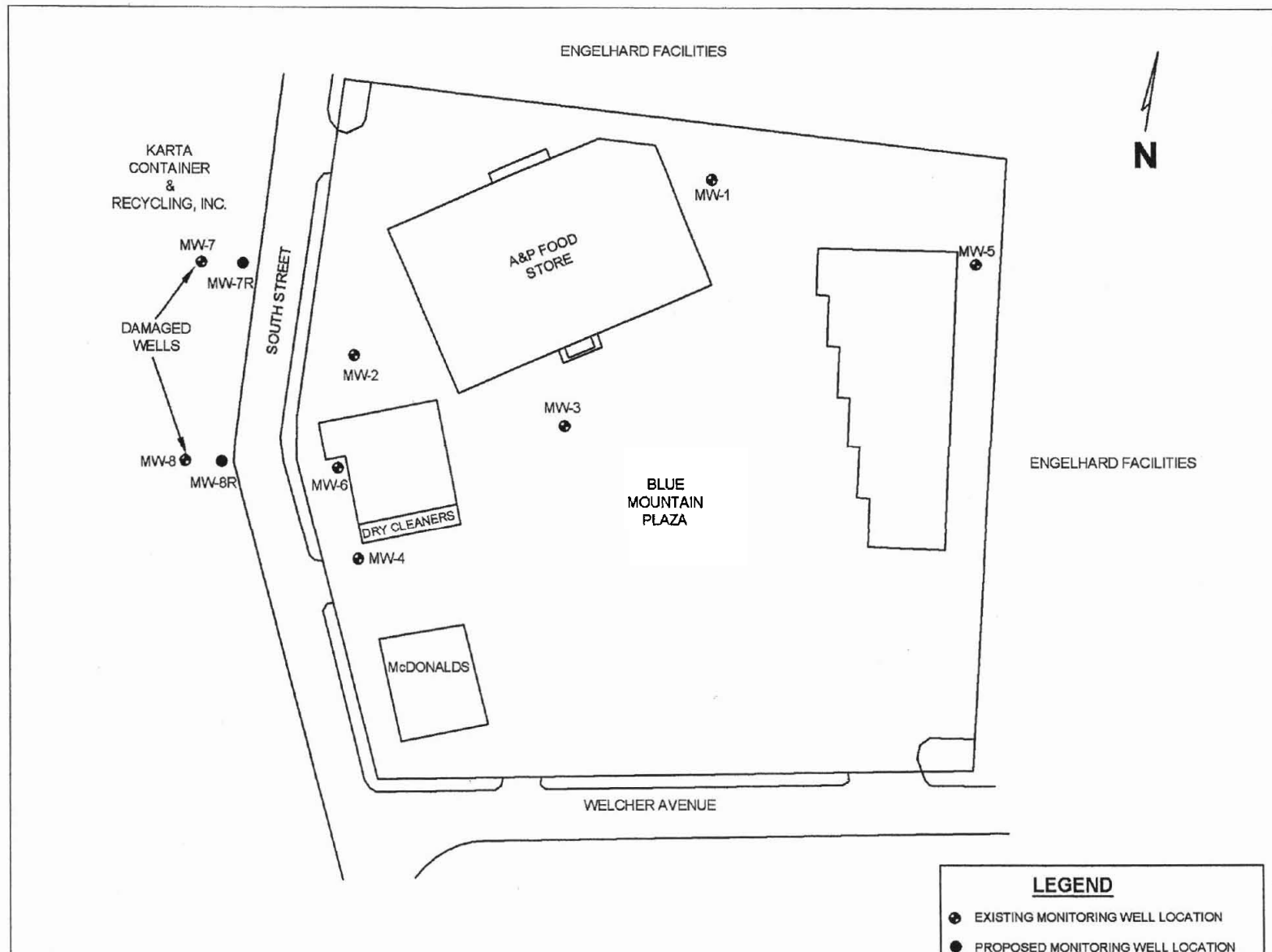
Douglas R. Keane
Project Manager

Lori L. Calestini
Senior Associate

cc: Fred Schwalb, Kurtsam Reality
Mr. Joe Crua, NYSDOH
Bell Project File, 93042-07



FIGURES



General Notes

FIGURE
1
PROPOSED
REPLACEMENT
MONITORING
WELL
LOCATION
MAP

No.	Revision/Issue	Date

Prepared By and Checked By

BELL ENVIRONMENTAL
CONSULTANTS, INC.
230 ROUTE 206
FLANDERS, NJ 07836

Project Name and Address

PEEKSKILL PLAZA
20 WELCHER AVENUE
PEEKSKILL, NEW YORK

Project	93042-01	Sheet	
Date	December, 2002		
Scale	1" = 116'		



ATTACHMENT 1
NYSDEC LETTERS

9/4/2005
&
8/17/2006

New York State Department of Environmental Conservation

Division of Environmental Remediation

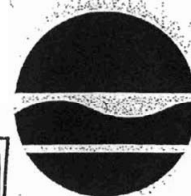
Remedial Bureau C

625 Broadway, 11th Floor

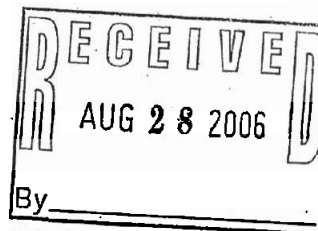
Albany, New York 12233-7014

Phone: (518) 402-9564 • Fax: (518) 402-9679

Website: www.dec.state.ny.us



Denise M. Sheehan
Commissioner



August 17, 2006

Ms. Lori Calestini
Bell Environmental
Lakefront Professional Center
295 C Route 46
Budd Lake, New Jersey 07828

**Re: Site Management Plan
Blue Mountain Shopping Center
Site ID # V00160-3, Peekskill (C), Westchester County**

Dear Ms. Calestini:

The New York State Department of Environmental Conservation (Department) and New York State Department of Health (NYSDOH) have reviewed the June 2006 draft Site Management Plan for the above site. The plan contains a scope of work for replacing the site's downgradient monitoring wells and installing a sub slab depressurization system (SSDS) in the plaza. Also discussed are plans for future site monitoring. The plan is generally acceptable, however, prior to final approval, as detailed below, several matters require your attention.

Installation of the SSDS, planned site management activities, and appropriate institutional controls will likely abate the need for further active remediation. As such, a formal remedial work plan is not anticipated and the NYSDEC views the SSDS installation as an Interim Remedial Measure (IRM). Therefore, please re-title this document as an IRM work plan, focusing on the SSDS and groundwater well installations. This plan should be revised to discuss intentions to submit an IRM report following the SSDS installation, which includes documentation the SSDS is in place and operating; as-built drawing(s); and a certification that the system is operating effectively. The document should also provide a detailed discussion (consistent with State and Federal guidance/technical documents) of how the completed SSDS will be tested (using manometers) to ensure that the entire slab is effectively depressurized by the system to a level which will be sufficient during worst case conditions (during the heating season while operating all appliances/devices which would create a negative pressure in any indoor space). The following website contains the links to both the NYSDOH Soil Vapor Intrusion guidance document and the USEPA Radon Mitigation Standards: http://www.health.state.ny.us/nysdoh/gas/svi_guidance/. You will need to reference Section 4.2 of the Vapor Intrusion guidance and Appendix E, RMS section 14.3.3.

Item "I" on page 3, under "Design Requirements" for the SSDS indicates that the exhaust fan shall be located in the basement. This is not consistent with NYSDOH guidance which states that the vent fan and discharge piping must not be located in or below a livable or occupied area of the building to avoid entry of subsurface vapors into the building in the event of a fan leak.

Please revise the installation procedures accordingly. Also, note the method used for air sample analysis is TO-14A not TO-14.

Upon completion of the IRM and approval of the IRM report, a Site Management Plan (formerly referred to as an Operation, Monitoring and Maintenance Plan) should be submitted to address the long-term site related activities (i.e., SSDS inspection procedures, groundwater monitoring, institutional controls, reporting requirements, periodic certification).

Please incorporate the above comments into a revised document. Contact me at (518) 402-9564 or by email at jymiller@gw.dec.state.ny.us if you have any questions or concerns.

Sincerely,

John B. Miller
Project Manager
Remedial Bureau C
Division of Environmental Remediation

cc: M. Ryan - DER
J. Crua - DOH

New York State Department of Environmental Conservation

Division of Environmental Remediation

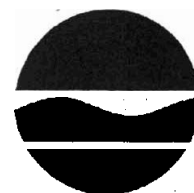
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Denise M. Sheehan
Acting
Commissioner

November 2, 2005

Ms. Lori Calestini
Bell Environmental
Lakefront Professional Center
295 C Route 46
Budd Lake, New Jersey 07828

RECEIVED
NOV 4 2005
EOG01

Re: **Work Plan Addendum Report
Blue Mountain Shopping Center
Site ID # V00160-3, Peekskill (C), Westchester County**

Dear Ms. Calestini:

The New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) have reviewed the Remedial Investigation (RI) Addendum Report for the above referenced site. The analytical data indicates that concentrations of tetrachloroethene persist in the groundwater above standards at the site. The RI also shows that low levels of volatile organic compounds (VOCs) exist in the sub-slab soil vapor beneath the strip mall and have had an impact on the indoor air quality in some buildings. Although mitigation of the indoor air concerns is desirable, the NYSDOH has determined that contamination levels at the site do not require such action, only periodic monitoring of sub-slab and indoor air conditions are necessary. Therefore, the NYSDEC and the NYSDOH consider Bell Environmental's proposal to establish a sub slab/indoor air monitoring program as a component of the site management plan, to be an acceptable alternative.

A site management plan (formerly "operation, monitoring and maintenance plan") will need to be developed to provide the specifics for managing the residual contamination. The site management plan (SMP) would need to include all the details for the sub slab/indoor air monitoring program, the groundwater monitoring program, reporting requirements and contain provisions for implementing future remedial activities at the site if natural attenuation fails to be a viable option. As part of the groundwater monitoring program, the NYSDEC will be requiring replacement of the downgradient wells, MW-7 and MW-8. This is necessary to assess downgradient site conditions over time and ensure the contaminated groundwater is not migrating offsite. The SMP must also include provision for vapor mitigation, if needed based on future data.

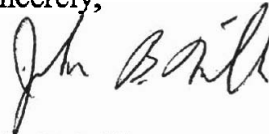
Also, in accordance with Paragraph X of the December, 2004 Voluntary Cleanup Agreement, the Volunteer will need to record restrictions for the future usage of this site. Since residual contamination will remain, the NYSDEC will require emplacement of an environmental easement on the site. The easement should restrict groundwater use; address the need for vapor monitoring or mitigation; and address the requirement for compliance with the SMP.

If at this time you opt to implement a sub-slab depressurization system (SDS) at the site, documentation will need to be provided which shows that the system is capable of depressurizing the entire slab beneath the area of concern. A design workplan containing the system's design and construction details will need to be submitted for review. All of the details for the operation and maintenance of the system will need to be included in the SMP.

In summary, the NYSDEC is seeking your response to the above issues/needs. With that response a schedule should be provided which identifies project deliverables (e.g., well installation proposal, draft SMP, easement). Please contact Rosalie Rusinko, the NYSDEC project attorney, to discuss the environmental easement. Upon completion and approval of the SMP, the technical obligations should be satisfied, however, the easement will have to be recorded to permit issuance of the Department's release.

The NYSDEC looks forward to your response on this issue. Please contact me at (518) 402-9564 or by email at jymiller@gw.dec.state.ny.us if you have any questions or concerns.

Sincerely,



John B. Miller
Project Manager
Remedial Bureau C

cc: R. Schick - DER
M. Ryan - DER
J. Crua - DOH
R. Rusinko - DEE



ATTACHMENT 2

SSDS DESIGN SPECIFICATIONS

**Active Soil Depressurization System
Design Requirements
20 Welcher Avenue
Peekskill, New York**

Background

The subject facility is located at 20 Welcher Avenue, Peekskill, Westchester County, New York. It is owned by Kurtsam Realty.

The facility building is a one-story masonry building with a basement. The basement is partitioned into two sections; one for the MT Cleaners II (cleaners) and one for Anthony's Family Restaurant (pizzeria). The sections of basement are approximately 80 feet long and 20 feet wide and have a concrete slab floor and masonry outer walls. Figure 1 show the basements with several key features such as the location of the circuit breaker, boiler equipment, etc. These features are not shown to scale. The interior wall between the cleaners and pizzeria appear to be dry wall with wooden studs. The basement for both facilities is accessed by a staircase on the western side of the building. The basement floor is reportedly built on sandy-soil. There is no gravel or crushed stone sub-base.

Bell Environmental (BELL) provided analytical data from indoor air or soil gas samples from September 2002, June 2003 and April 2005 (Figures 2, 3, and 4 respectively from BELL). The September 2002, data was for a passive soil gas survey. The samples were collected in the dry cleaners and pizzeria sub-slab, in the basement, first floor, and one outdoor location adjacent to the pizzeria basement window. The data in Table 1 shows the numerous volatile organic compounds (VOCs) that exceed the New York State Department of Health (DOH) background concentrations at all three sample depths; sub-slab, basement and first floor. The following VOCs exceeded the DOH background concentrations during one of the sampling events:

Benzene	Carbon Tetrachloride
Chloroform	Chloromethane
Ethylbenzene	Ethyl Alcohol
Styrene	cis-1,2-dichloroethene
Dichlorodifluoromethane	MTBE
N-hexane	Tetrachloroethene
Toluene	Trichloroethene
Trichlorofluoromethane	Total Xylenes
1,2,4-trimethylbenzene	

Design Requirements

An active soil depressurization system (ASD) shall be installed to address VOC contamination below the concrete basement slab. The system shall consist of an extraction trench in the basement of the cleaners and the pizzeria. Perforated PVC pipe will be installed in the trenches and connected together in the cleaners' basement. An in-line exhaust fan will pull the air from the trenches and exhaust or vent it above the roof line of the building.

The selected contractor shall:

1. Obtain all required local, county and/or state construction permits for the system installation. Permits required by the NYSDEC will be obtained by others.
2. Install an ASD which will consist of the following:
 - a. All piping shall be 4-inch diameter, schedule 40 PVC or greater.
 - b. Extraction trenches will be installed in the basement of the cleaners and pizzeria as shown on Figure 1. The trench shall be centered along the long axis of the building and shall be a maximum of 18 inches wide and 10 inches deep below the existing concrete slab as shown on Figure 5. Schedule 40, 20 slot PVC pipe shall be installed the entire length of each trench with caps at each end. A geotextile fabric will be installed on the bottom and along the sides of the trench before backfilling. The trench shall be backfilled filled with ½-inch clean, coarse aggregate.
 - c. All PVC pipe shall be threaded together.
 - d. Two shorter trenches with the same depth and width of the main trench, shall be cut into the concrete slab perpendicular to the long trenches and end at the interior basement wall. The pipe will then be installed vertically against the interior wall to the exhaust fan. Solid PVC pipe will be installed in these trenches horizontally and vertically against the wall.
 - e. 4-inch diameter, Schedule 40 PVC Ball valves shall be placed in the vertical section of piping to allow some flexibility in the future operation of the system. A sample port and vacuum gauge shall be installed for each trench as well. Specifications for the pressure gauge and other equipment is provided in the attached Equipment List.
 - f. The extraction piping in the pizzeria basement shall be connected to the piping in the cleaners by a connection through the interior basement wall. The pipe carrying air flow from both basements shall then connect to the in-line exhaust fan vertically (see equipment sheets). The height at which the exhaust fan is installed shall be determined in the field.
 - g. The piping shall be fastened to the wall or the bottom of the ceiling joists using standard metal strap hangers. Supports shall be provided every 4-feet (48 inches) vertically and every 3-feet (36-inches) horizontally.
 - h. Upon completion of the pipe installation in the trenches, it shall be filled with a layer of 2,000 psi concrete the same thickness and finish as the

existing slab. Reinforcing mesh shall be installed to anchor and provide support for the new concrete. The mesh shall be 4-inch square with w2.0 wire (0.02 square inch).

- i. The entire system shall be vented to the exterior via one exhaust fan which shall be located on the exterior of the rear building wall with a vent pipe meeting NYSDOH requirements. The exhaust fan shall be a Fantech model HP2190 or approved equivalent and will be connected to the extraction piping using flexible couplings. The coupling shall be Indiana Seals #156-44, Pipeconx PCX 56-44 or an approved equivalent. Product information sheets for the exhaust fan are attached.
 - j. Should there be concerns about potential vandalism; an enclosure may be constructed around the exhaust fan with a door and locking mechanism.
 - k. The exhaust fan will be hard wired to the existing electrical system with an on/off switch provided. Appropriate weather protection will be provided as it will be located outside. A licensed electrician shall install any new electrical systems/equipment for this project.
 - l. The disposal of the concrete and soil removed from each basement to install the trench shall be coordinated with BELL.
 - m. Equipment information sheets are provided for the exhaust fan, PVC slotted pipe, 90° elbows, tee-joints, sample port; and pressure gauge.
3. The exhaust fan shall be located on the exterior of the rear building wall. The vent pipe from the fan shall meet the following NYSDOH requirements:
- a. Above the eave of the roof (preferably, above the highest eave of the building at least 12 inches above the surface of the roof).
 - b. At least 10 feet above ground level,
 - c. At least 10 feet away from any opening that is less than 2-feet below the exhaust point, and
 - d. 10 feet from any adjoining or adjacent buildings, or HVAC intakes or supply registers.

A vent cap or "T" will be installed on the top of the vent pipe extending from the exhaust fan.

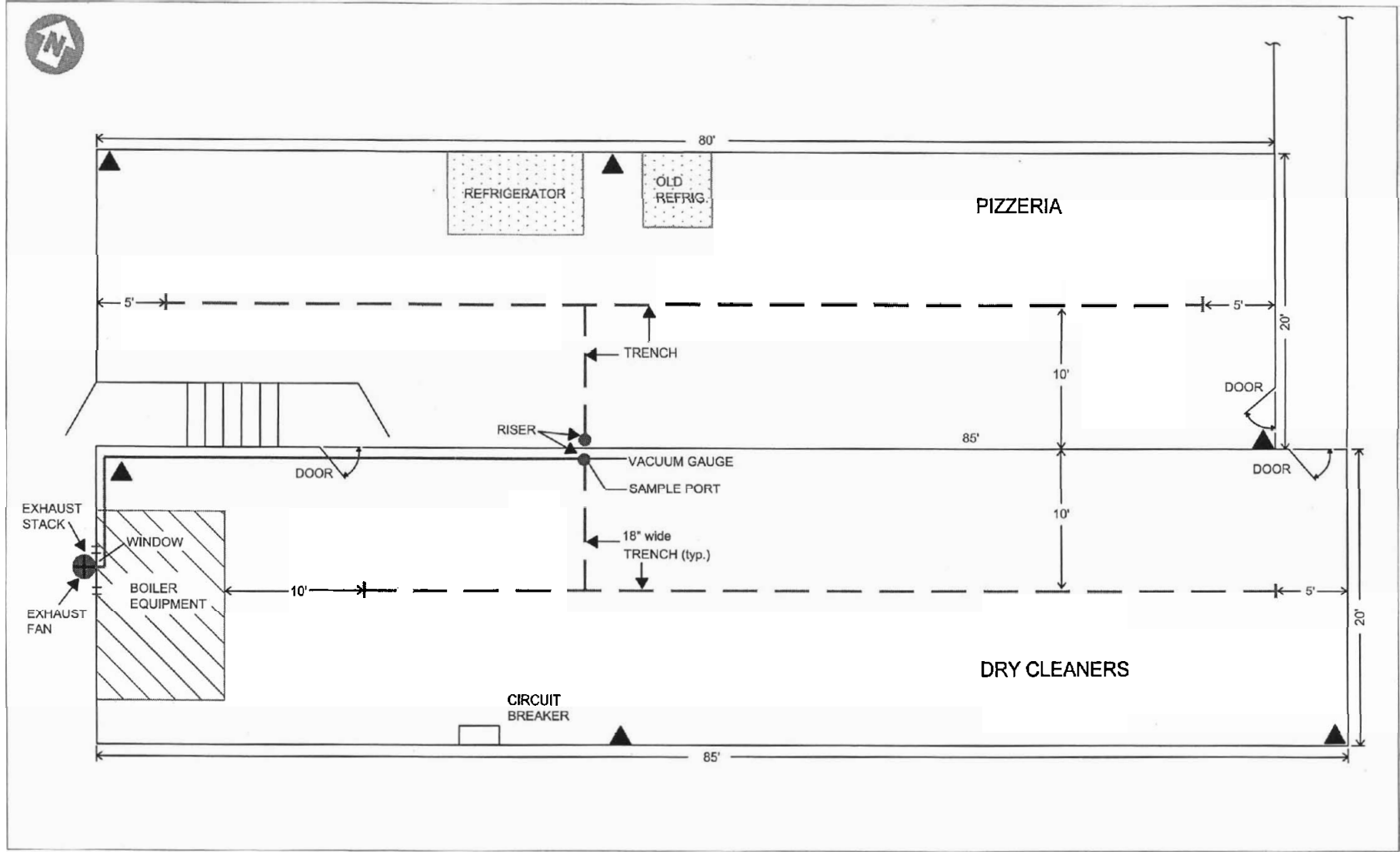
4. The system shall be clearly labeled to indicate what the system is (e.g. THIS IS A COMPONENT OF A SUBSLAB VENTILATION SYSTEM. DO NOT ALTER OR DISCONNECT).
5. A warning device shall be installed to alert the building occupants if the active system stops working properly. A audio/visual signal such as the Lab Safety Supplies 1-Light Stack with Bell, model 91578-1 or approved equivalent on/off alarm shall be installed on the first floor by a licensed electrician. It shall be placed in plain view of employees or management. The warning system shall be checked to insure proper working order. This shall be placed on a separate breaker or directly wired to prevent accidental disconnection.
6. Any damage done to the building including but, not limited to, the floor, walls, and/or ceilings shall be restored to their pre-construction condition or better.
7. Upon completion of the installation of the system, the contractor shall provide and review with the property owner or their representative:

- a. The system operations including equipment manuals and specifications for mechanical and electrical components. The contractor shall provide contact information including name, telephone number, and e-mail address, for the property owner to contact if necessary.
 - b. How the warning system functions and what to do if it is activated.
 - c. All guarantees or warranties shall be transferred to the property owner as well as all manuals and equipment documentation.
 - d. A schedule for conducting the required system confirmation testing.
8. Confirmation testing shall consist of:
- a. Proper operation of the overall system
 - b. Testing for backdraft conditions around the boiler and other combustion equipment.
 - c. Quantitative diagnostic test shall be conducted to determine if the system is reaching the entire sub-slab area required. Test holes approximately 3/8-inch in diameter will be drilled through the slab at the most remote points and the pressure drop when the exhaust fan is on will be measured using a micromanometer. Under “normal conditions”, the pressure drop should measure between the equivalents of 0.25-0.35 inches of water in accordance with NYSDOH guidance. The test should also be done under “extreme conditions” and measure a pressure drop of at least the equivalent of 0.002 inches of water in accordance with EPA guidance. Extreme conditions would include testing in winter months with the windows and doors closed, the building heating units and other machinery that draws air on to determine if the system still maintains the required pressure drop.
 - d. Proper operation of the warning system.
9. The system shall be required to run at least until the sub-slab air concentrations of contaminants are below the upper limit of the New York State Department of Health criteria. Actual confirmation air sampling will be conducted by others.

Equipment List

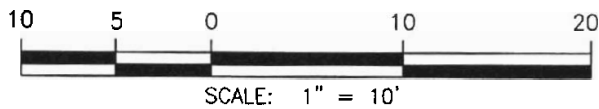
Peekskill ASD Equipment List		
Equipment	Size	Quantity
Exhaust Fan - Fantech Model #HP190 or equivalent		1
Schedule 40 PVC Solid Pipe	4-inch diameter	120 ft
Schedule 40 PVC 20 Slot Pipe	4-inch diameter	140 ft
Schedule 40 PVC Pipe - 90 degree elbows	4-inch diameter	8
Schedule 40 PVC "T" connector	4-inch diameter	3
Schedule 40 PVC Ball Vales	4-inch diameter	2
Schedule 40 PVC End Cap	4-inch diameter	4
Pipe Hangers		As required
Sampling ports - 1/2 inch NPT PVC	1/2 inch	2
Vent Cap	4-inch diameter	1
Vacuum Guage - 0 to 30 inches of Hg	1/2 inch pipe	2
Steel Reinforcing Mesh - 4x4-inch grid	4x4 W2.0x2.0	220 square feet
Skaps Non-woven Geotextile - GE-160	6 oz./sq.yd.	50 sq. yd.

Figures



LEGEND

- BELOW GROUND PIPING
- ABOVE GROUND PIPING
- DIAGNOSTIC TEST POINTS



Equity Environmental Engineering LLC

227 Route 206, Bldg. 1
Flanders, NJ 07836

Phone: (973) 584-2475

drawn by/date	chk/date	revision	job number
taf/10-4-06		4	2006004.03000

FIGURE 1

DEPRESSURIZATION SYSTEM LAYOUT
20 WELCHER AVENUE
PEEKSKILL, NEW YORK

FIGURE

2

PASSIVE

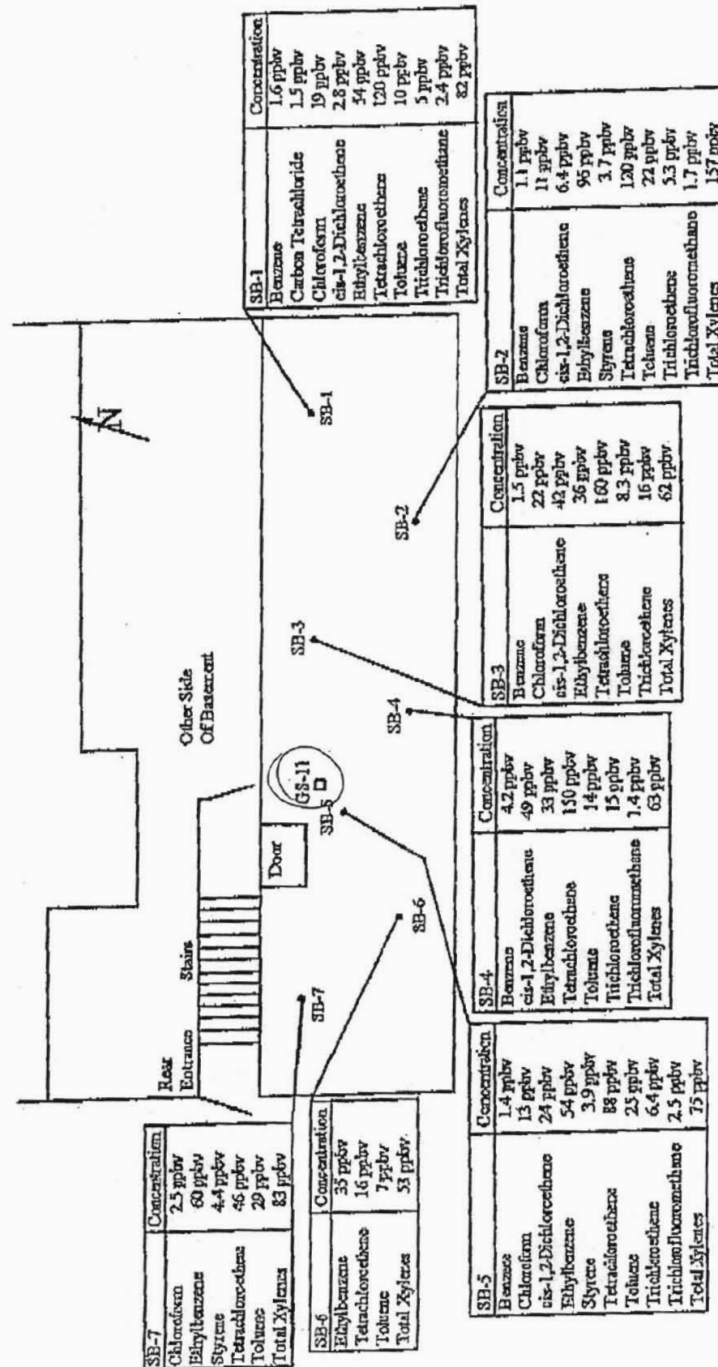
SOIL

GAS

SAMPLE

RESULTS

9/25/02



LEGEND

- Approximate Location of Soil Gas Sample
- Approximate Location of Core Sampler

*Samples collected just below 6" thick concrete floor slab.

BELL ENVIRONMENTAL
295 C ROUTE 46
BUDD LAKE, NJ 07828

PEERSON PLAZA
20 WELCHER AVENUE
PEERSON, NEW YORK

93042-01
October 2002
P = 17.5

FIGURE

3

AIR

SAMPLE

RESULTS

DETECTED

ABOVE

NYSDOH

DATABASE

LEVELS

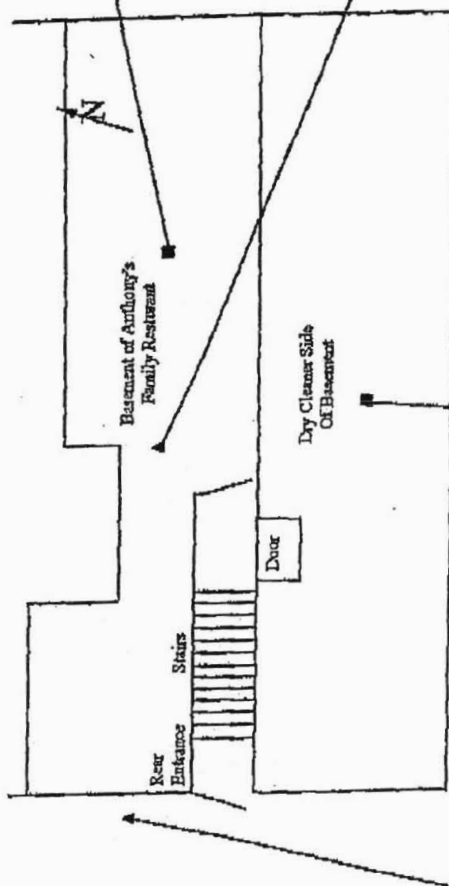
6/25/03

Location	Concentration	NYSDOH Background
Pizzeria Basement (BELL)	88.14 mg/m ³	<1.5 - 10
Tetrachloroethene	Concentration	NYSDOH Background
Pizzeria Basement (DOH)	17 mg/m ³	<1.0
Chloroform	1.6 mg/m ³	<1.0
Trichloroethene	71 mg/m ³	<1.5 - 10

Location	Concentration	NYSDOH Background
Pizzeria Kitchen	5.5 mg/m ³	<2 - 5
Benzene	9.2 mg/m ³	<1.0 - 4.3
Chloroform	1.2 mg/m ³	<1.0
Dichlorodifluoromethane	1.4 mg/m ³	<1.0
Ethyl alcohol	680 mg/m ³	45 - 350

Location	Concentration	NYSDOH Background
Dry Cleaner Basement (BELL)	1943 mg/m ³	<1.0
Chloroform	88.14 mg/m ³	<1.5 - 10
Tetrachloroethene	Concentration	NYSDOH Background
Dry Cleaner Basement (DOH)	6.4 mg/m ³	<2 - 5
Benzene	10 mg/m ³	<1.0
Chloroform	1.8 mg/m ³	<1.0
Trichloroethene	94 mg/m ³	<1.5 - 10

Location	Concentration	NYSDOH Background
Outdoor Sample	6.1 mg/m ³	<1.6 - 4.7
Benzene	1.4 mg/m ³	<1.0
Chloroform	1.9 mg/m ³	<1.0 - 1.4
Dichlorodifluoromethane	1.1 mg/m ³	<1.0
Ethyl alcohol	12 mg/m ³	<1.0 - 1.7
MTBE	1.9 mg/m ³	<1.0
Trichloroethene	1.7 mg/m ³	<1.0



LEGEND

- ▲ Approximate Location of Air Sample Collected at Ground Level
- Approximate Location of Air Sample Collected from Basement

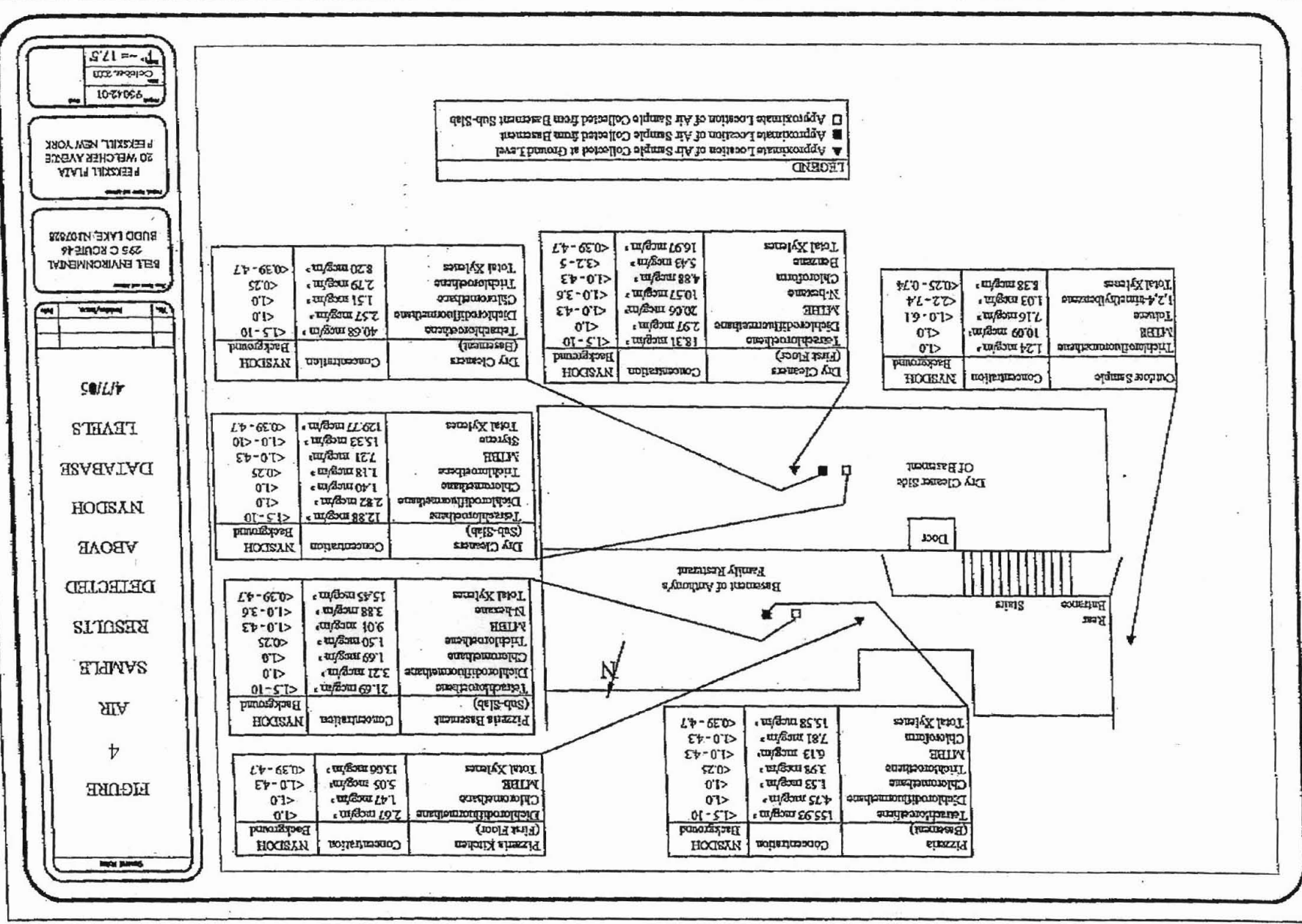
BELL ENVIRONMENTAL
295 C ROADS 46
BUDD LAKE, NJ 07023

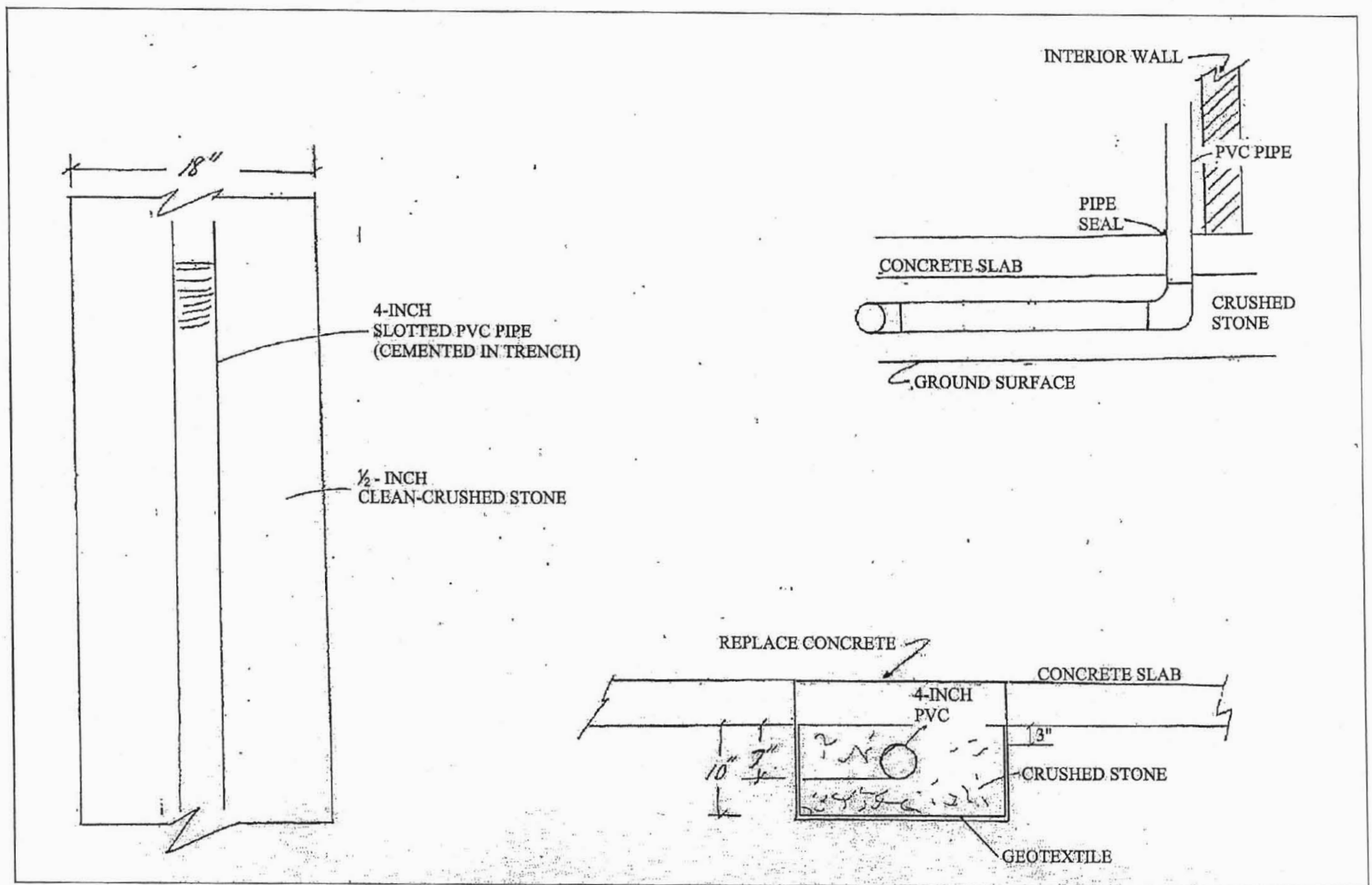
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20 WELCHER AVENUE
PEEKSKILL, NEW YORK

Page 9/30/03-01

Date 9/30/03

Time 17:59





DRAWING NOT TO SCALE

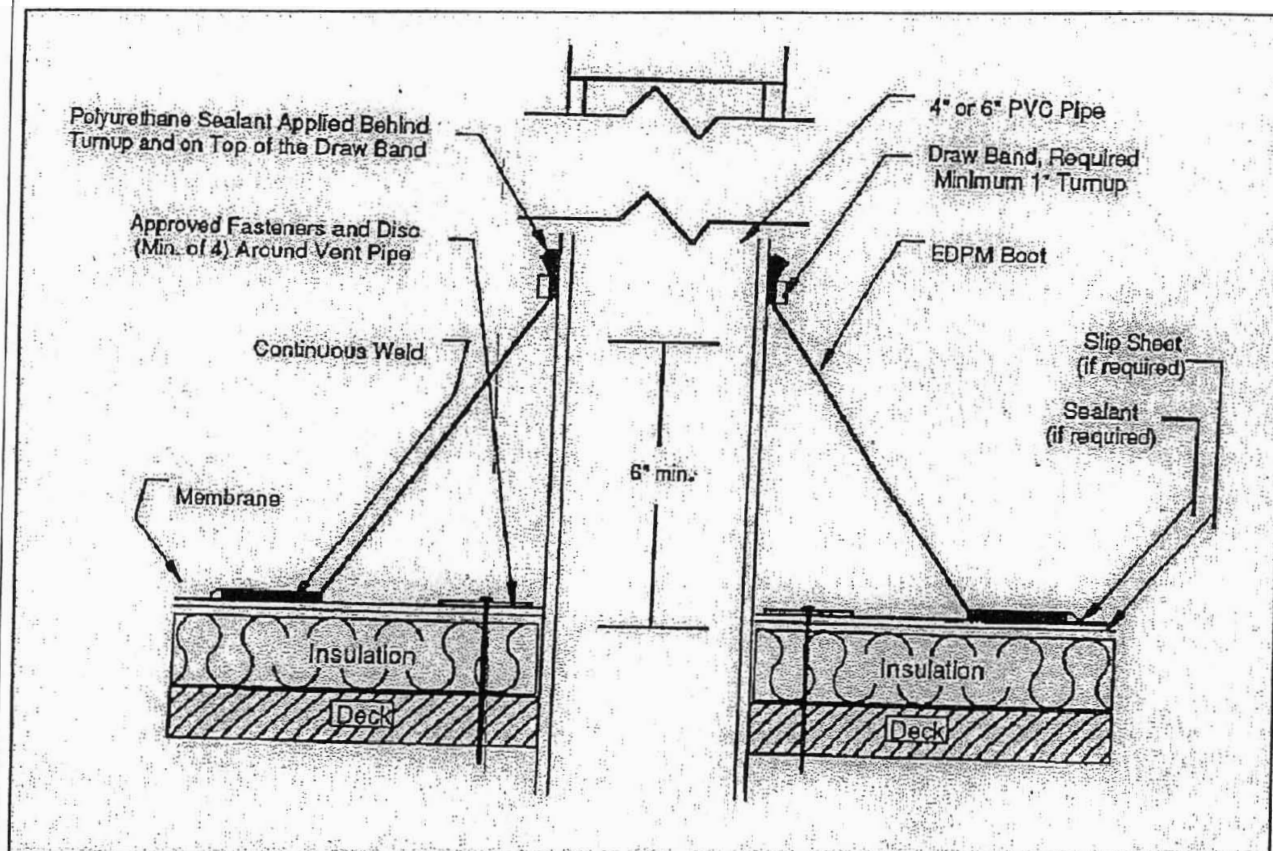


Equity Environmental Engineering LLC
 227 Route 206, Bldg. 1
 Plandora, NJ 07836
 Phone: (973) 584-2475

drawn by/date	chk/date	revision	job number
ia2060106		2	2006004.03000

FIGURE 5

PIPE TRENCH DETAILS
20 WELCHER AVENUE
PEEKSKILL, NEW YORK



Source: EPA-Radon Prevention in the Design and Construction of Schools and Other Large Buildings (third printing with addendum, June 1994)

*drawing is not to scale



Equity Environmental Engineering LLC

227 Route 206, Bldg. 1
Flanders, NJ 07836

Phone: (973) 584-2475

drawn by/date

chk/date

revision

job number

tsd/060106

2

2005004.03000

FIGURE 6

ROOF PENETRATION DETAIL (TYP.)
20 WELCHER AVENUE
PEEKSKILL, NEW YORK

Data Table

Air Sample Data
Kurtsam Realty Property
20 Welcher Avenue
Peekskill, New York

Contaminant	NYSDOH Background	9/25/2002 Sub-slab Soil Gas Survey							6/26/2003			
		SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	Pizzeria - Bell Basement	Pizzeria - Kitchen	Pizzeria - DOH Basement	Cleaners - Bell Basement Outdoor
Benzene	<1.6 - 4.7									5.5		6.1
Carbon tetrachloride		1.5										
Chloroform	<1.0	19	11	22		13		2.5		9.2	17	1.4
Chloromethane	<1.0 - 1.4									1.2	1.6	19.03 1.9
Ethylbenzene	NA	54	96	36	33	54	35	60				
Ethyl alcohol	45 - 350									690		12
Styrene	<1.0 - <10											
cis-1,2-dichloroethene		2.8	6.4	42	49							
Dichlorodifluoromethane	<1.0									1.4		1.1
MTBE	<1.0											1.9
N-hexane	<1.0 - 3.6											
Tetrachloroethene	<1.5 - 10	120	120	160	150	88	16	46	88.14		71	88.14
Toluene	<1.0 - 6.1	10	22	8.3	14	25	7	29				
Trichloroethene	<0.25	5	5.3	16	15	6.4						
Trichlorofluoromethane	<1.0	2.4	1.7		1.4	2.5						1.7
Total Xylenes	<0.39 - 4.7	82	157	62	63	75	53	83				
1,2,4-trimethylbenzene	<2.2 - 7.4											
ppbV									micrograms/cubic meter			

Air Sample Data
Kurtsam Realty Property
20 Welcher Avenue
Peekskill, New York

Contaminant	NYSDOH Background	Cleaners - DOH Basement	4/7/2005						
			Sub-slab	Cleaners Basement	First floor	Sub-slab	Pizzeria Basement	First Floor	Outdoor
Benzene	<1.6 - 4.7	6.4			5.43				
Carbon tetrachloride									
Chloroform	<1.0	10			4.88		7.81	1.47	
Chloromethane	<1.0 - 1.4	1.8	1.4	1.51		1.69	1.53		
Ethylbenzene	NA								
Ethyl alcohol	45 - 350								
Styrene	<1.0 - <10		15.33						
cis-1,2-dichloroethene									
Dichlorodifluoromethane	<1.0		2.82	2.57	2.97	3.21	4.75	2.67	
MTBE	<1.0		7.21		20.66	9.01	6.13	5.05	10.09
N-hexane	<1.0 - 3.6				10.57	3.88			
Tetrachloroethene	<1.5 - 10	94	12.88	40.68	18.31	21.69	155.93		
Toluene	<1.0 - 6.1								7.16
Trichloroethene	<0.25		1.18	2.79		1.5	3.98		
Trichlorofluoromethane	<1.0								1.24
Total Xylenes	<0.39 - 4.7		129.77	8.2	16.97	15.45	15.58	13.06	8.38
1,2,4-trimethylbenzene	<2.2 - 7.4								1.03
micrograms/cubic meter									

micrograms/cubic meter

Vendor Sheets

Peekskill Contractors

Selected from NYSDOH list for Westchester County, NY

Air Quality and Environmental Services, LLC
425 East Line Road
Ballston Spa, New York, 12020
Attn: Eric Dingeman, P.E.
800-541-4109

US Radon Management
66 Old Quarry Road
North Scituate, RI 02857
Attn: Norman Johnson
800-343-8304

RMCA-Radon Mitigation Corp of America
2 Hayes Street
Elmsford, NY 10523
Attn: Kurt Dorfi
800-525-3953
914-420-2051 cell

Exhaust Fan



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Indoor Air Quality
Through Better
Ventilation

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Dryer Booster Fans

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Exhaust Fans

Axial Fans

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TurboPro Commercial Fans

Whole House HEPA Filtration

Heat Recovery Ventilators

Energy Recovery Ventilators

Air Curtains

Grilles & Dampers

Accessories

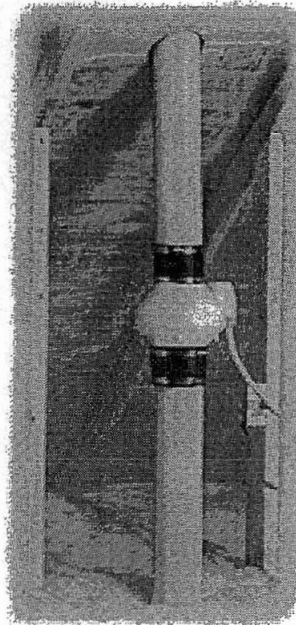


Radon Mitigation

Radon brochure for Home Owners in PDF (186 kb)
Radon fan brochure for the Professional in PDF (318 kb)

If you do not have Adobe Acrobat Reader, [click here](#).

HP Installation Instructions in PDF (204 kb)



It's everywhere

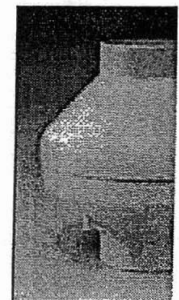
It doesn't need to be in your home

Experts all agree that radon is everywhere. A naturally occurring radioactive gas, Radon in low concentrations is harmless. In insulated homes however, radon can accumulate to harmful levels. The first step in determining the radon level of your home is to test for it. Test kits can be purchased at a number of locations in your area or city. (If you have difficulty, contact your local EPA office to assist you).

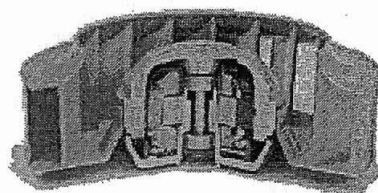
Once you have tested your home and find that you have elevated amounts of radon present you need to consider radon mitigation. In your selection of a contractor make sure he is offering Fantech radon mitigation fans as part of your solution.

For over 10 years Fantech has manufactured quality mitigation fans for radon applications. With over one million radon installations worldwide and the reputation for establishing new standards of performance and value your contractor has selected the finest fan for your family's protection.

Every Fantech Radon Fan is fully caulked as necessary to ensure optimum performance and durability. All fans are UL rated for outside installations.



Fantech Inc.



Fantech provides you with independently tested performance specifications. Testing is done in accordance with AMCA Standard 210-85 and HVI 915 test procedures.

Fantech HP Series Fans Provide the Solutions to meet the challenges of Radon applications:

HOUSING

- UV resistant, UL listed durable plastic
- UL Listed for use in commercial applications
- Factory sealed to prevent leakage
- Watertight electrical terminal box
- Approved for mounting in wet locations - i.e. Outdoors

MOTOR

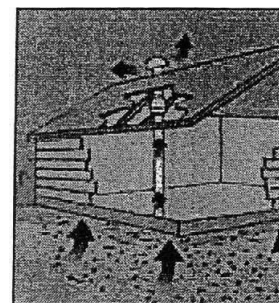
- Totally enclosed for protection
- High efficiency EBM motorized impeller
- Automatic reset thermal overload protection
- Average life expectancy of 7-10 years under continuous load conditions

RELIABILITY

- Five Year Full Factory Warranty
- Over 1,000,000 successful radon installations worldwide

HP Series Fans are specially designed with higher pressure capabilities for Radon Mitigation applications

Fantech has developed the HP Series fans specifically to suit the higher pressure capability requirements needed in Radon Mitigation applications. Most Radon Mitigators who previously used the Fantech FR Series fans have switched to the new HP Series.



Performance Data

Model	Volts	Wattage Range	Mo	0†	.50†	.75†	1.0†	1.25†	1.5†	1.25†	1.5†	Max. Pres.
HP 2133	115	14-20	0.17	134	68	19	-	-	-	-	-	0.84†
HP 2190	115	60-85	0.78	163	126	104	81	58	35	15	-	1.93†
HP 175	115	44-65	0.57	151	112	91	70	40	12	-	-	1.66†
HP 190	115	60-85	0.78	157	123	106	89	67	45	18	1	2.01†

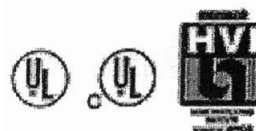
HP 220	115	85-152	1.30	344	260	226	193	166	137	102	58	2.46†
CFM @												

HP installation instructions in PDF (191 kb)

If you do not have Adobe Acrobat Reader, [click here](#).

HP FEATURES INCLUDE

- Improved UV resistant housings approved for commercial applications.
- UL Approved for Wet Locations (Outdoors)
- Sealed housings and wiring boxes to prevent Radon leakage or water penetration
- Energy efficient permanent split capacitor motors
- External wiring box
- Full Three Year Factory Warranty HP Series Fans are specially designed with higher performance capabilities for Radon Mitigation applications



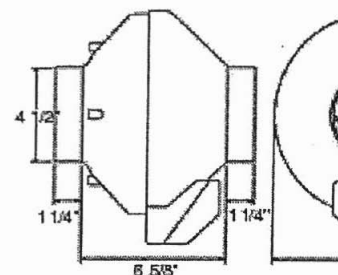
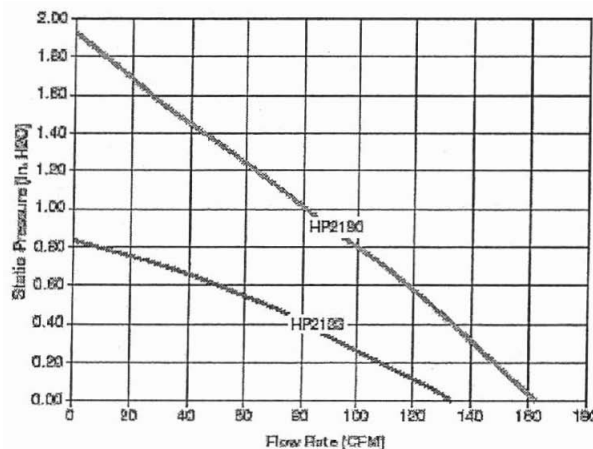
Performance Curves

Fantech provides you with independently tested performance specifications.

The performance curves shown in this brochure are representative of the actual test results performed at Texas Engineering Experiment Station/Energy Systems Lab, a recognized testing authority. Performance was done in accordance with AMCA Standard 210-85 and HVI 915 Test Procedures. Performance curves show air flow vs. static pressure.

Use of HP Series fans in low resistance applications such as bathroom venting will result in elevated radon levels. We suggest FR Series or other Fantech fans for such applications.

HP2133 and 2190 Radon Mitigation Fans



Tested with 4" ID duct and standard couplings.

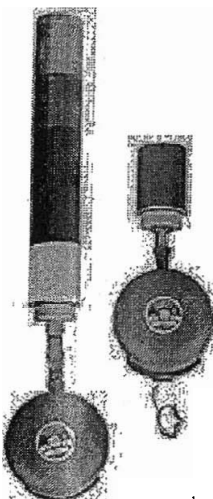
HP2133 – For applications where lower pressure and flow are needed. Record low power consumption.

Alarm System



Product Index > 6BB-91578-1 > Audible/Visual Stackable Status Lighting > 91578-1

Audible/Visual Stackable Status Lighting



Hear and See Change-in-Status Signals

Monitor the status of machinery, processing, stepping or other multiple operations of manufacturing with these durable lighting units that signal changes with sound as well as light.

Specifications: Units are available with up to five 120V lights. Each comes with five shatter-resistant UV stabilized polycarbonate lenses (amber, blue, green, red and white). Exchanging or rotating lenses is simple and easy. Units are resistant to dust and moisture. A 6" vibrating bell sounds a loud alert-92 to 94 dB at 10' when conditions change. 24V lights are available; call 1-800-

356-0783 for a quote.

Compliance: UL listed.

Qty	Item #	Product	Sell Click For	Pack	Avail	Price
0	91578-1	1-Light Stack with Bell	1 EA	🌐		\$182.00

Quantity	Price
1- 3	\$182.00
4+	\$174.00

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 Questions and Orders: Call 1-800-356-0783 or Fax 1-800-543-9910

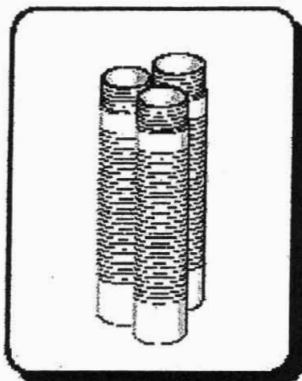
© 2006 Lab Safety Supply Inc.

PVC Pipe and Fittings



PVC Screen & Riser

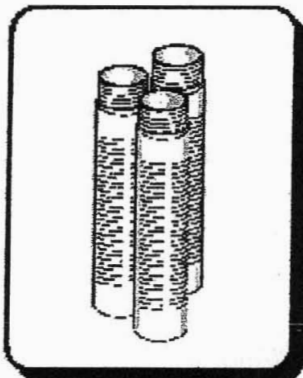
PVC Vee-Wire® Screens



Global Drilling Suppliers offers Johnson PVC Vee-Wire screens, the only continuous slot wire-wrapped, non-metallic screens available without a restricting pipe base. Offers more open area per foot than any other non-metallic screen, enabling a more representative sample to be collected.

Pipe Size	Diameter		Shipping Weight (lbs./ft.)	Open Area (sq. in./ft.)			Strength		
	O.D. (In.)	I.D. (In.)		6- Slot	10- Slot	20- Slot	Collapse (psi)	Tensile (lbs.)	Hanging Wt. (lbs.)
2 INCH	2.56	2.00	0.8	4.8	7.4	13.8	85	1,700	425
4 INCH	4.62	4.00	1.7	7.2	11.6	21.8	75	2,100	525
6 INCH	6.63	5.75	3.7	8.1	13.2	25.0	75	4,600	1,150
8 INCH	9.38	7.50	4.6	N/A	21.6	40.6	55	5,500	1,375

PVC Slotted Pipe



Slotted PVC pipe is used when monitoring applications do not require the performance of Vee-Wire screen. Schedule 40 PVC specs illustrated. Schedule 80 PVC also available.

Pipe Size	Diameter		Shipping Weight (lbs./ft.)	Open Area (sq. in./ft.)			Strength		
	O.D. (In.)	I.D. (In.)		6- Slot	10- Slot	20-Slot	Collapse (psi)	Tensile (lbs.)	Hanging Wt. (lbs.)
3/4 IN.	1.05	0.84	0.3	0.63	1.12	2.12			
1 IN.	1.32	1.03	0.4	0.95	1.49	2.83			
1-1/4 IN.	1.66	1.36	0.6	1.13	2.05	3.72			
1-1/2 IN.	1.90	1.59	0.7	1.19	2.05	3.72			
2 IN.	2.38	2.06	0.8	1.80	3.10	5.60	190	2,100	525
* 4 IN.	4.50	4.02	2.2	N/A	5.90	10.60	97	7,500	1,875
6 IN.	6.63	6.06	4.0	N/A	6.60	13.40	53	11,000	2,750
8 IN.	8.63	7.96	5.7	N/A	8.50	15.90	37	11,600	2,900
10 IN.	10.75	9.98	8.7	N/A	N/A	21.24			
12 IN.	12.75	10.89	11.5	N/A	N/A	24.78			

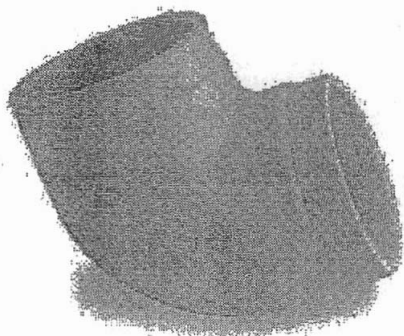
PVC Riser Pipe



Feature straight and square joints with precise threads to minimize the chance



Print printed May 15, 2006

**ELBOW, 4 IN**

PVC Elbow, Pipe Size 4 Inches, Slip Fit, Schedule 40, 90 Degrees

Grainger Item #	6NF47
Price (ea.)	\$8.53
Brand	GEORGE FISCHER SLOANE
Mfr. Model #	406-040
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	2.0
Usually Ships	Today
Catalog Page No.	3601

Price shown may not reflect your price. Log in or register.

Additional Info**Schedule 40 PVC Pipe and Fittings**

White, pressure-rated pipe comes in iron pipe sizes and is intended for lower pressure, cold water applications.

error

- Maximum temperature rating: 140 DegreeF
- Conform to requirements of ASTM P.1784
- NSF-14 Certified

Tech Specs

Item: Elbow
 Type: 90 Degree
 Pipe Size (In.): 4
 Connection: Slip Socket x Slip Socket
 Material of Construction: PVC
 Schedule: 40
 Max. Temp. (F): 140 Degrees
 Color: White
 Standards: Conforms To Requirements Of ASTM
 P.1784, NSF-14 Certified

Notes & Restrictions

There are currently no notes or restrictions for this item.

MSDS

This item does not require a Material Safety Data Sheet (MSDS).

Required Accessories**Optional Accessories****PRIMER, 8 OZ**

Item #: 5E520
 Brand: EZ WELD
 Usually Ships: Today
 Price (ea): \$3.92

CLEANER, PIPE, 8 OZ

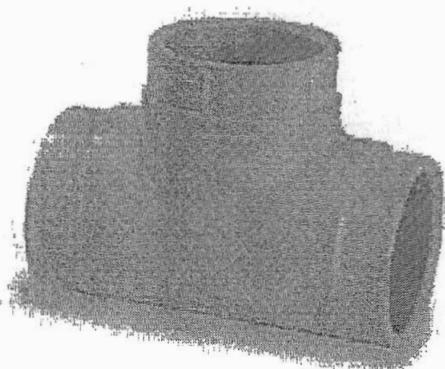
Item #: 5E523
 Brand: EZ WELD
 Usually Ships: Today
 Price (ea): \$3.04

CEMENT, PVC, 8 OZ

Item #: 5E525
 Brand: EZ WELD
 Usually Ships: Today



Print printed May 15, 2006

**TEE,PVC,4 IN**

PVC Tee, Pipe Size 4 Inches, Slip x Slip x Slip Socket, Schedule 40

Grainger Item #	6NF41
Price (ea.)	\$12.65
Brand	GEORGE FISCHER SLOANE
Mfr. Model #	401-040
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	2.82
Usually Ships	1-3 Days
Catalog Page No.	3601

Price shown may not reflect your price. Log in or register.

Additional Info**Schedule 40 PVC Pipe and Fittings**

White, pressure-rated pipe comes in iron pipe sizes and is intended for lower pressure, cold water applications.

error

- Maximum temperature rating: 140 DegreeF
- Conform to requirements of ASTM P.1784
- NSF-14 Certified

Tech Specs

Item: Tee

Pipe Size (In.): 4

Connection: Slip Socket x Slip Socket x Slip Socket

Material of Construction: PVC

Schedule: 40

Max. Temp. (F): 140 Degrees

Color: White

Standards: Conforms To Requirements Of ASTM P.1784, NSF-14 Certified

Notes & Restrictions

There are currently no notes or restrictions for this item.

MSDS

This item does not require a Material Safety Data Sheet (MSDS).

Required Accessories**Optional Accessories****PRIMER,8 OZ**

Item #: 5E520
 Brand: EZ WELD
 Usually Ships: Today
 Price (ea): \$3.92

CLEANER,PIPE,8 OZ

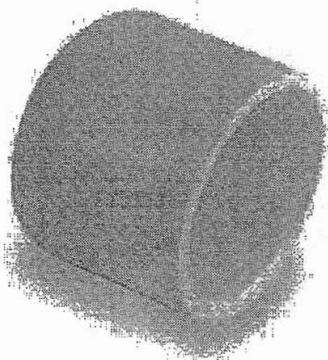
Item #: 5E523
 Brand: EZ WELD
 Usually Ships: Today
 Price (ea): \$3.04

CEMENT,PVC,8 OZ

Item #: 5E525
 Brand: EZ WELD
 Usually Ships: Today



Print printed May 15, 2006

**CAP,PVC,4 IN**

PVC Cap, Pipe Size 4 Inches, Slip, Schedule 40

Grainger Item #	6MV16
Price (ea.)	\$5.28
Brand	GEORGE FISCHER SLOANE
Mfr. Model #	447-040
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	0.9
Usually Ships	Today
Catalog Page No.	3601

Price shown may not reflect your price. Log in or register.

Additional Info**Schedule 40 PVC Pipe and Fittings**

White, pressure-rated pipe comes in iron pipe sizes and is intended for lower pressure, cold water applications.

error

- Maximum temperature rating: 140 DegreeF
- Conform to requirements of ASTM P.1784
- NSF-14 Certified

Tech Specs

Item: Cap
Pipe Size (In.): 4
Connection: Slip Socket
Material of Construction: PVC
Schedule: 40
Max. Temp. (F): 140 Degrees
Color: White
Standards: Conforms To Requirements Of ASTM P.1784, NSF-14 Certified

Notes & Restrictions

There are currently no notes or restrictions for this item.

MSDS

This item does not require a Material Safety Data Sheet (MSDS).

Required Accessories

There are currently no required accessories for this item.

Optional Accessories**PRIMER,8 OZ**

Item #: 5E520
Brand: EZ WELD
Usually Ships: Today
Price (ea): \$3.92

CLEANER,PIPE,8 OZ

Item #: 5E523
Brand: EZ WELD
Usually Ships: Today
Price (ea): \$3.04

CEMENT,PVC,8 OZ

Item #: 5E525
Brand: EZ WELD
Usually Ships: Today
Price (ea): \$3.90



Over 50 Years of Excell

COMPANY PROFILE

REP FINDER

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SITE MAP

BACK T

Fittings & Nipples

Valves & Specialties

Brass & Bronze Valves

- Ball Valves
- Gate Valves
- Check Valves
- Y Strainers
- Globe Valves
- Gas Valves
- Garden Valves
- Radiator Valves
- Supply Valves
- Back Flow Preventers
- Float Valves
- Oil Tank Valves

Low Pressure Valves

- Aztec Low Pressure Valves
- Boiler Drains
- Sillcocks
- Stop Valves
- Stop & Waste Valves
- Hose Bibbs

Cast & Ductile Iron Valves

- Butterfly Valves
- Cast Iron Gate Valves - IBBM
- Cast Iron Gate Valves - Resilient Wedge
- Cast Iron Check Valves
- Cast Iron Y-Strainers
- Cast Iron Globe Valves
- Ductile Iron Gate Valves

PVC Valves

- PVC Ball Valves
- PVC Check Valves
- Non-Metallic Valves
- PVC Couplings

Specialties

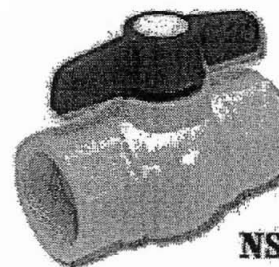
- CLAMPETTE PRODUCTS
- Cast Iron Drainage Products
- Cleanouts
- Compression Couplings

PVC BALL VALVES

770

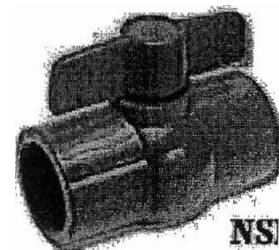
- ISO-9002
- 150 PSI @ 73 Deg. F.
- NSF Approved
- White Color
- EPDM Seat Seals & "O" Ring
- Fits Sch. 40 & Sch. 80 Pipe
- Threaded or Solvent Ends
- Sizes 1/2" - 4"

Spec Sheet



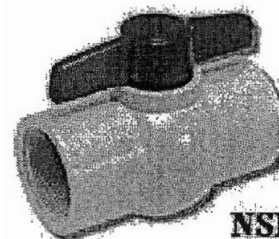
770G

- ISO 9002
- Same as 770 Except Gray Color



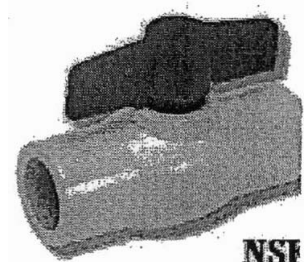
* 770N

- ISO-9002
- 150 PSI @ 73 Deg. F.
- Economy Pattern
- NSF Approved
- White Color
- Santoprene Seat Seals
- Fits Sch. 40 & Sch. 80 Pipe
- Threaded or Solvent Ends
- Sizes 1/2" - 2", 3", 4" & 6"



771

- ISO-9002
- CPVC
- 100 PSI @ 180 Deg. F.
- NSF Approved
- White Color
- Teflon Seat Seals
- EPDM "O" Ring
- Solvent Ends Comply with ASTM D2846
- Sizes 1/2" - 2"



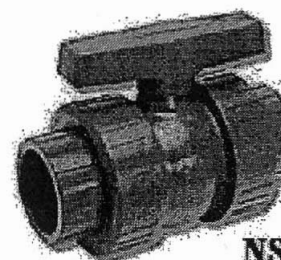
772ST

- ISO-9002
- True Union • 200 PSI @ 73 Deg. F
- Gray Color • Teflon Seat Seals

- Plumbing Specialty Valves
- Teflon & Electrical Tape

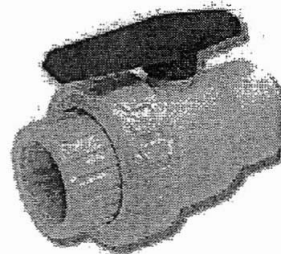
[Faucets](#)[No-Hub Pipe & Fittings](#)[Special Announcements](#)[New Products 2006](#)[Full List of Specs](#)[Full List of Prices](#)

- EPDM "O" Ring
- Supplied with Both Threaded & Solvent Ends
- Unique Double Union / Double Block Design
- External Adjustment for Seat Wear
- Full Port Ball • Sizes 1/2" - 2"
- Sizes 2 1/2" - 4" (Specify Either Solvent or Threaded Ends)



773

- ISO-9002
- Single Union
- 150 PSI @ 73 Deg. F.
- White Color
- EPDM Seat Seals & "O" Rings
- Full Port Ball
- Threaded or Solvent Ends
- Sizes 1 1/2" & 2"

[back to top](#)

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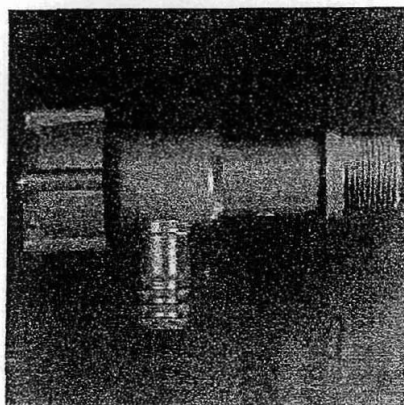
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- Totes/Bins/Trays
- Trash Containers
- Trucks
- Tubing & Fittings
- Valves

**1/2" NPT PVC Flow Spigot**

Positive Viton® O-ring seal. Corrosion resistant materials for many corrosive liquids. Threaded NPT inlet and the outlet is barbed to accept 5/8" I.D. tubing. Gray. Not for containers above 100 gallons.

Product Description

1/2" NPT PVC Flow Spigot
 Qty 4: 5% off; Qty 8: 10% off;
 Qty 24: 15% off;

Product Information

Item No.: 16487
 Sold By: Each
 In Stock: Yes
 Catalog Page Number:
 P-80
 Manufacturer: Not Listed

Product Pricing

Price	\$
Qty	0

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**Product Group This Item Belongs To: PVC Flow Spigots**

Positive Viton® O-ring seal. Corrosion resistant materials for many corrosive liquids. Threaded NPT inlet and the outlet is barbed to accept 5/8" I.D. tubing. Gray. Not for containers above 100 gallons.

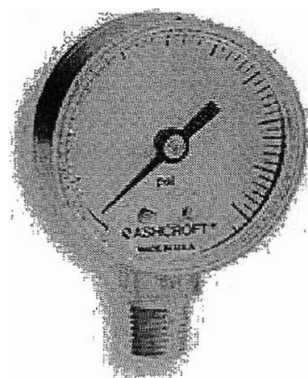
[See More PVC Flow Spigots](#)**Express Order Form**Item Qty [Bulk Express Order Form](#)Can't find what you need? Let us know, so we can help:Your Email: [Send Message](#)**Your Options and Resources:**

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Pressure Gauge



Print printed May 15, 2006

**GAUGE,VACUUM,30 IN HG**

Standard Vacuum Gauge, Range 30 Inches Hg, Dial Size 2 1/2 Inches, Pipe Size NPT 1/4 Inch, Smallest Graduation 0.5 Inch, Bronze Tube, ABS Case, Lower Connection

Grainger Item #	2C537
Price (ea.)	\$9.06
Brand	ASHCROFT
Mfr. Model #	25W 1005PH 02L VAC
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	0.25
Usually Ships	Today
Catalog Page No.	908

Price shown may not reflect your price. Log in or register.

Additional Info**Standard Gauges**

Feature patented PowerFlex (TM) movements and corrosion-resistant ABS cases that are tightly sealed to withstand harsh environmental conditions.

Smooth pointer rotation. Polycarbonate window. ASME Grade B accuracy: Plus or Minus 3-2-3% of span.

Uses: For general use with water, oil, air, and chemicals compatible with beryllium copper, phosphor bronze, and brass. Ideal for centrifugal pumps, air compressors, and water systems.

Tech Specs

Item: Vacuum Gauge
 Vacuum (In. Hg): 30 to 0" Hg Vac
 Dial Size (In.): 2
 Connection Size: 1/4 In NPT
 Connection Location: Lower
 Smallest Graduation (psi): 0.5"
 Smallest Graduation (In. Hg): 0.5
 Accuracy (%): +/- 3-2-3
 Case: ABS
 Socket Material: Brass
 Tube Material: Bronze
 Window: Glass
 Series: 1005PH

Notes & Restrictions

There are currently no notes or restrictions for this item.

MSDS**Optional Accessories****SEALANT,THREAD**

Item #: 4X222
 Brand: ANTI-SEIZE
 Usually Ships: Today
 Price (ea): \$7.99

SEALANT,TAPE

Item #: 4X227
 Brand: ANTI-SEIZE
 Usually Ships: Today
 Price (ea): \$1.49

SIPHON,GAUGE,1/4 IN

Item #: 5WL08

Geotextile



SKAPS Industries • Commerce, GA • Pender

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SKAPS Nonwoven Environmental Geotextiles

PROPERTY	UNIT	ASTM TEST METHOD	GE-140 4.0 oz	GE-160 6 oz	GE-170 7 oz	GE-180 8 oz	GE-110 10 oz	GE-112 12 oz	GE-114 14 oz
Weight (Typical)	oz/yd ² (g/m ²)	ASTM D5261	4.0 (135)	6.0 (203)	7.0 (237)	8.0 (271)	10.0 (339)	12.0 (407)	14.0 (475)
Thickness*	mils (mm)	ASTM D5199	70 (1.77)	85 (2.16)	90 (2.29)	100 (2.5)	110 (2.79)	120 (3.05)	135 (3.43)
Grab Tensile	lbs (kN)	ASTM D4632	105 (0.467)	160 (0.711)	200 (0.889)	225 (1.0)	270 (1.20)	330 (1.47)	390 (1.73)
Grab Elongation	%	ASTM D4632	50	50	50	50	50	50	50
Trapezoid Tear	lbs (kN)	ASTM D4533	45 (0.20)	65 (0.29)	75 (0.33)	90 (0.40)	100 (0.44)	125 (0.556)	135 (0.60)
Puncture Resistance	lbs (kN)	ASTM D4833	65 (0.289)	95 (0.42)	115 (0.511)	130 (0.578)	165 (0.733)	190 (0.844)	210 (0.930)
Mullen Burst	psi (kPa)	ASTM D3786	230 (1585)	330 (2274)	370 (2549)	425 (2928)	525 (3617)	625 (4306)	700 (4823)
Permittivity*	sec ⁻¹	ASTM D4491	2.0	1.63	1.41	1.26	0.94	0.90	0.64
Permeability*	cm/sec	ASTM D4491	0.55	0.48	0.46	0.30	0.30	0.30	0.25
Water Flow*	gpm/ft ² (1/min/m ²)	ASTM D4491	160 (6518)	125 (5080)	100 (4470)	100 (4074)	75 (3055)	70 (2544)	50 (2037)
A.O.S.*	U.S. Sieve (mm)	ASTM D4751	70 (0.212)	70 (0.212)	70 (0.212)	80 (0.180)	100 (0.150)	100 (0.150)	100 (0.150)
U.V. Resistance	%/hrs	ASTM D4355	70/500	70/500	70/500	70/500	70/500	70/500	70/500

* At the time of manufacturing. Handling, storage, and shipping may change these properties.

PACKAGING

Roll Dimensions (ft)	15x1350	15x900	15x780	15x690	15x570	15x480	15x390
Square Yards/Roll	2250	1500	1300	1150	950	800	650
Estimated Roll Weight (lbs)	620	620	620	1150	620	620	620

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MEMORANDUM

May 10, 2006

To: Peekskill File

From: Bob Jackson

Subject: Kurtsam Realty Property - Site Visit

The following are notes based on my Thursday, April 27, 2006, site visit to the dry cleaners and pizzeria located in the Blue Mountain Shopping Center at 20 Welcher Avenue, Peekskill, Westchester County, New York, with Doug Keane/Bell Environmental. The property is owned by Kurtsam Realty.

General

- The facility is located in a shopping center that has four buildings. The first contains the MT Cleaners II (cleaners), Anthony's Family Restaurant (pizzeria), laundromat and a fitness/martial arts studio. The second and largest building contains an A&P grocery store. The third and second largest building, contains a number of small concerns including restaurants, a liquor store, a Curves fitness center, insurance company, etc. The last building is a McDonald's restaurant which is approximately 100-150 feet south of the dry cleaners.
- There is a vacant lot immediately behind the dry cleaners, with construction equipment parked on it.

MT Cleaners II

- The building that houses the cleaners and the pizzeria is a rectangular building approximately 100 feet long (north to south and 80 feet wide (east to west). The cleaners and pizzeria are both approximately 20 feet long and 80 feet wide.
- The first floor of the cleaners contains the business counter, clothes staging areas, cleaning machines, and bathroom facilities. The basement contains the facility boiler, several small chemical feed tanks for the cleaning equipment, a compressor, and a large assortment of miscellaneous items covering the floor and various tables. There is a circuit breaker box mounted on the south wall in the basement.
- The floor of the basement appeared to be in good condition with few if any cracks and for the most part, flush against the cinder block or dry wall covered walls where visible. There was a distinct lack of solvent odor in the basement during the visit. The floor is approximately 6-inches thick according to Bell Environmental staff. There is a partition wall between the dry cleaners and the pizzeria basements that consists of dry wall.
- There are a number of pipe penetrations in the walls near the ceiling that couldn't be traced. The most significant penetration is the stack coming off what appeared

to be the boiler going through the first floor and out through the roof. There are two steel pipes approximately 2-inches in diameter adjacent to the stack and a large irregular hole around these pipes in the first floor.

Anthony's Family Restaurant

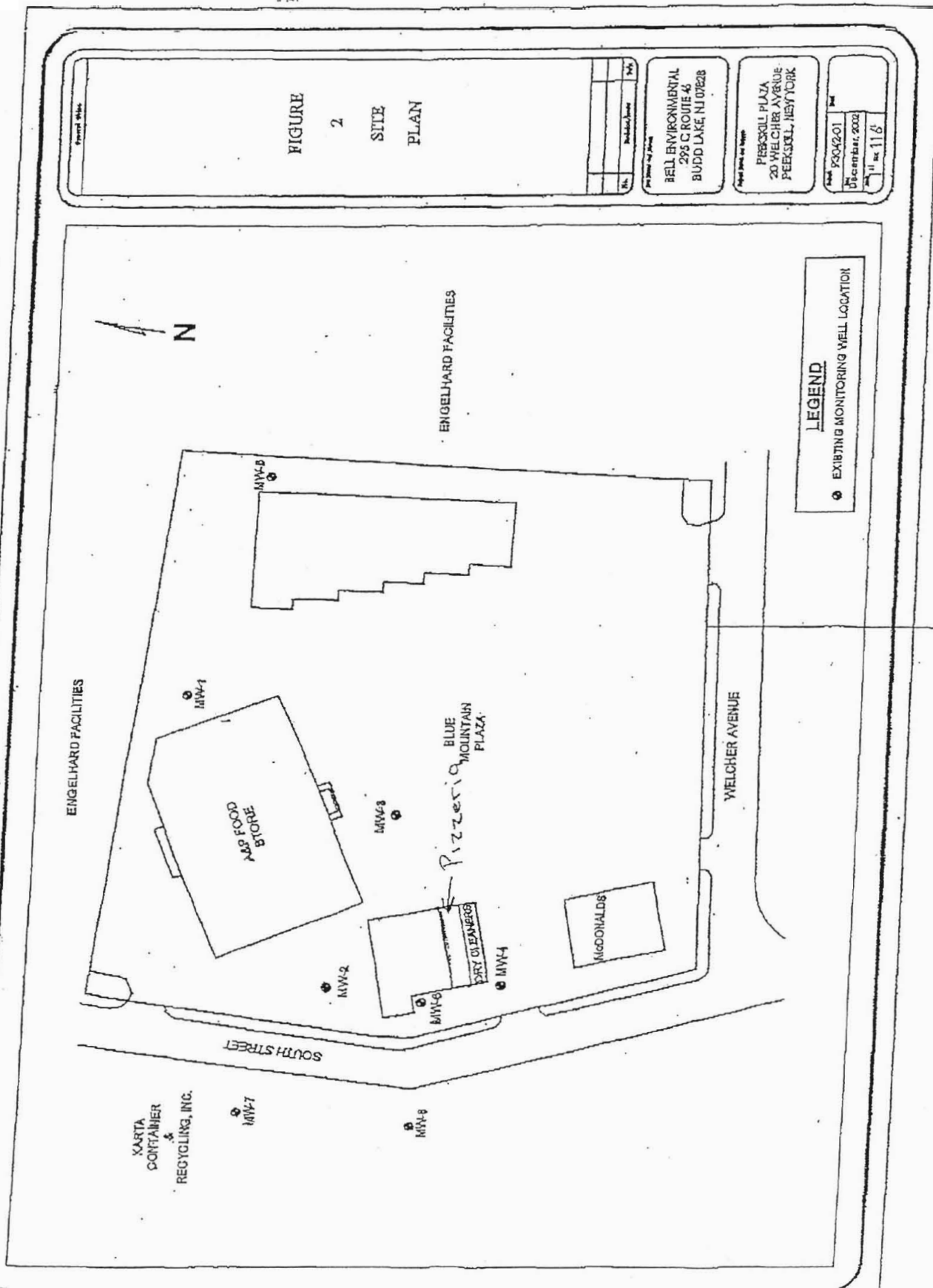
- The pizzeria is a standard pizza shop on the first floor with a counter, food prep area and ovens, etc. The basement contains a refrigerator, what appears to be an old refrigerator, metal racks with food containers, and other items used by employees such as a weight bench, billiard table, stereo, etc. The pizzeria and cleaners basements are separated by what appears to be a non-bearing wall in various states of repair as you move from one end of the building to the other.
- An electrical junction or circuit breaker box was not observed in this portion of the basement.
- The floor of the pizzeria basement shows numerous cracks on the order of ¼ inch wide or smaller in the middle to eastern side (east of the operating refrigerator). Again, there was no solvent odor observed. The cinder block wall on the north side of the basement was in good condition. Where visible, the floor and wall appeared to make a good seal.
- There were no pipe penetrations observed going through the first floor to the roof. There were penetrations going to the first floor for flexible tubing for their soda machines. There also appeared to be a sanitary sewer pipe.
- There is a door at the east end of the basement that leads to a common hall running north-south along the entire building. The cleaners also has a door that opens into this hall. The other two businesses have doors to their respective basements off this hall. The hall was clean and no odor was observed in this area.

Outside

- Along the south side of the building are a louvered vent panel, roof leaders for stormwater runoff, and a steel vent pipe coming out of the wall about 6-feet above the ground.
- On the west side or back of the building, there are no vents or pipes visible coming from the basement or first floor of the cleaners or pizzeria other than the stack through the roof for both the dry cleaners.
- There are four, white, PVC pipes coming out of a basement window from the laundromat. Two of the pipes extend about 8-feet above the ground. The other two just extend out of the window.
- On the northeast corner of the building, there was a yellow vent pipe that extended above the roof line. This appeared to be a UST vent.
- The roof could not be accessed during the site visit. There is no permanent ladder or staircase to the roof.

cc: File

Attachment B
Sampling Location Figures (Bell Environmental)



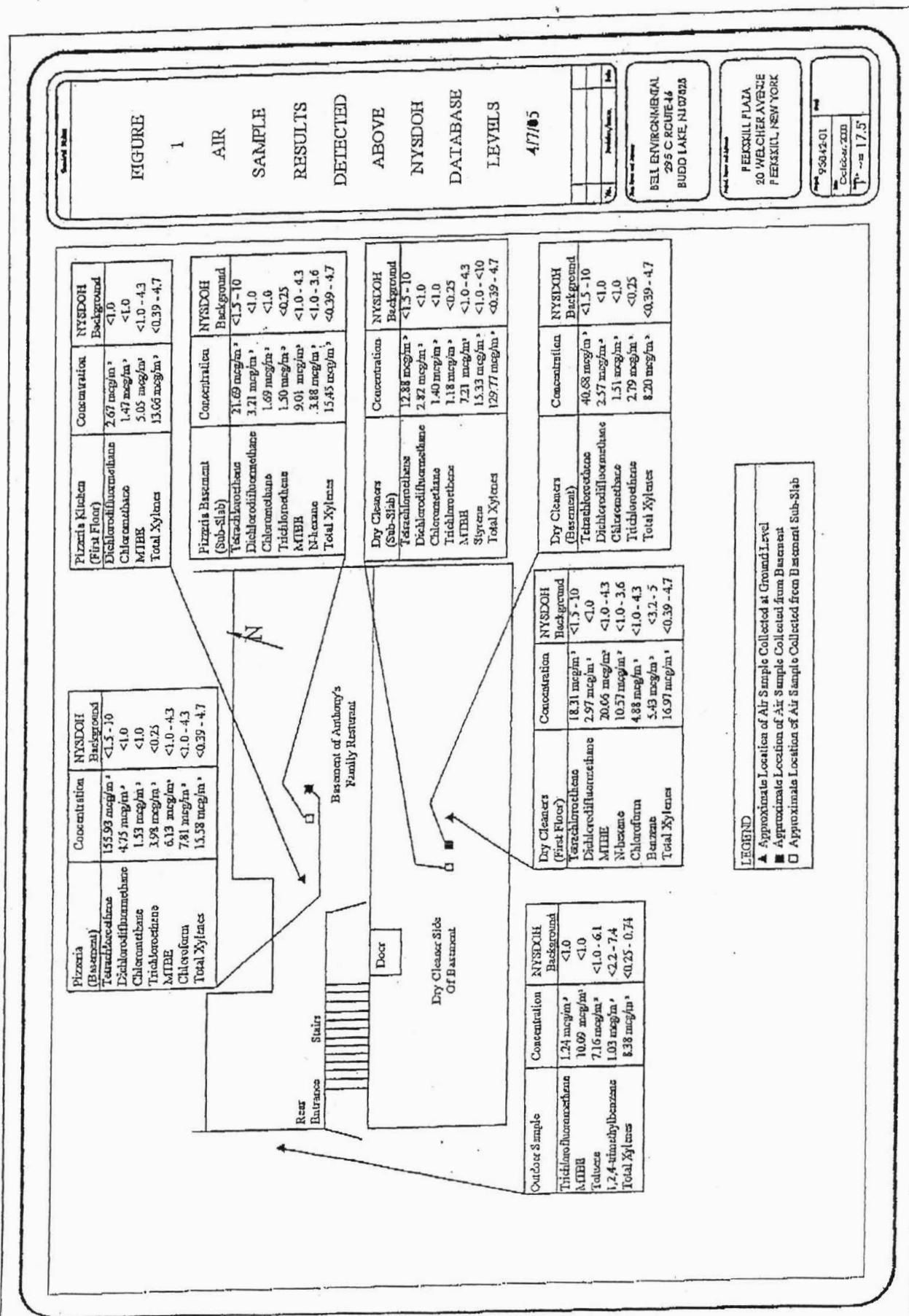
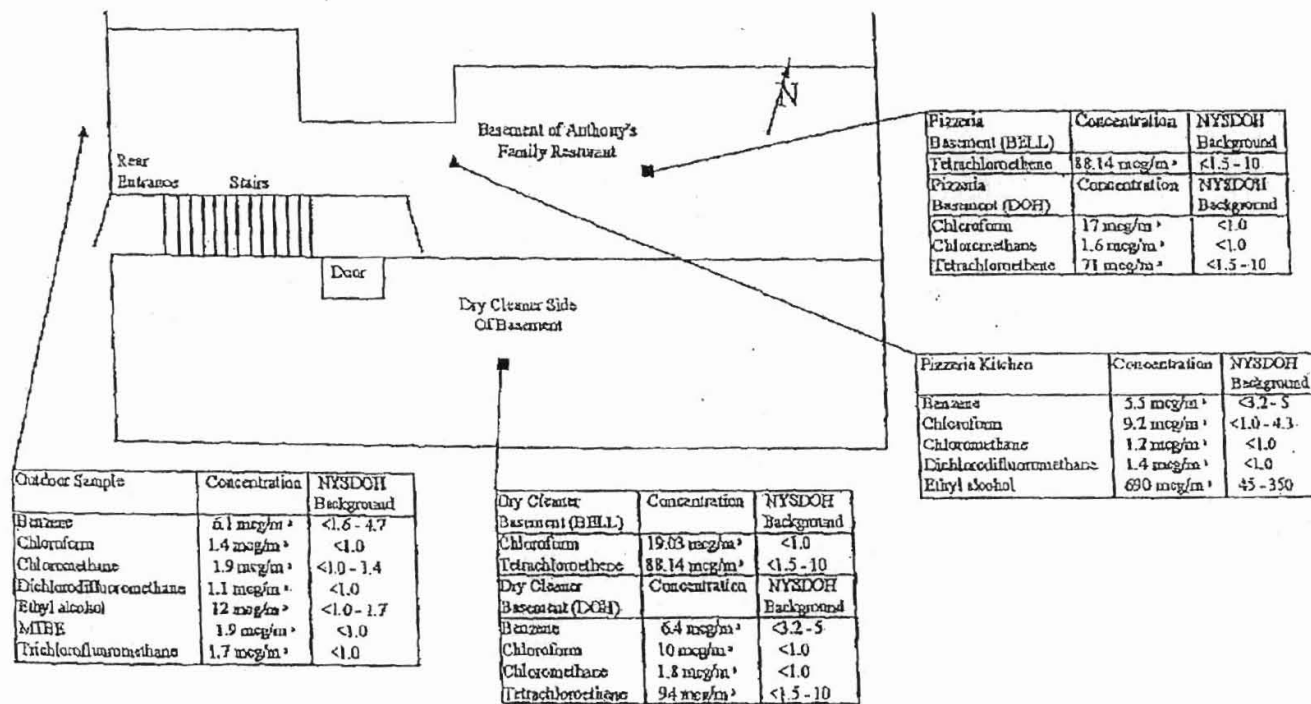


FIGURE
12
AIR
SAMPLE
RESULTS
DETECTED
ABOVE
NYSDOH
DATABASE
LEVELS
6/26/03



LEGEND

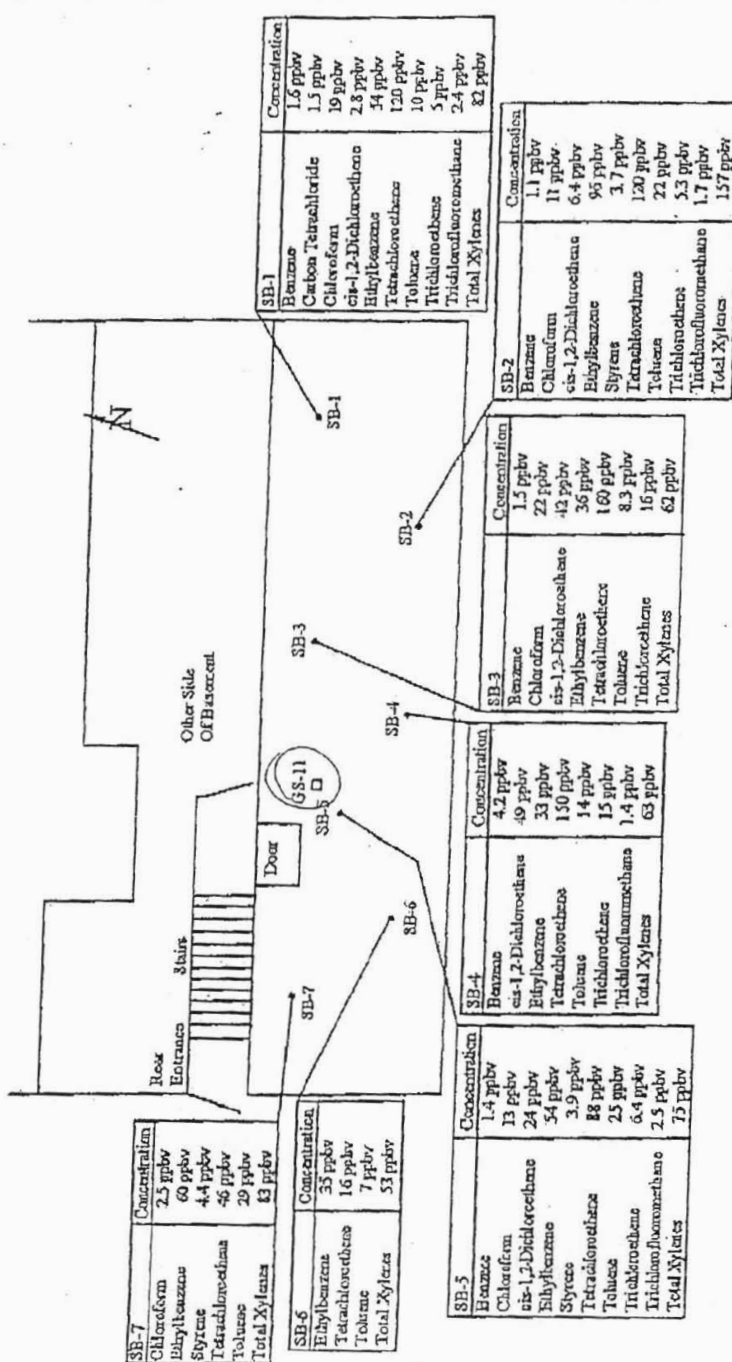
- ▲ Approximate Location of Air Sample Collected at Ground Level
- Approximate Location of Air Sample Collected from Basement

BELL ENVIRONMENTAL
293 C ROUTE 46
BUDD LAKE, NY 07828

PEEKSKILL PLAZA
20 WELCHER AVENUE
PEEKSKILL, NEW YORK

Page 93042-01
Date October, 2003
T₁ = 17.5'

FIGURE 6
PASSIVE
SOIL
GAS
SAMPLE
RESULTS
9/25/02



LEGEND
 * Approximate Location of Soil Gas Sample
 □ Approximate Location of Groundwater Sample

* Samples collected just below 6" thick concrete floor slab

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293 C. ROUTE 44
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PEEKSKILL, NEW YORK

9/30/02-01
October 2002
17.5

