

FINAL REMEDIATION REPORT OFF-SITE GROUNDWATER EXTRACTION AND TREATMENT SYSTEM



FRANKLIN CLEANERS SITE

Village of Hempstead
Nassau County, New York
(Site Registry No. 1-30-050)

WORK ASSIGNMENT NO. D003600-21.1

Prepared For

**New York State Department
of Environmental Conservation**

NOVEMBER 2005
(Revised April 2012)



**DVIRKA
AND
BARTILUCCI**
CONSULTING ENGINEERS

A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

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FRANKLIN CLEANERS SITE**

**VILLAGE OF HEMPSTEAD
NASSAU COUNTY, NEW YORK**

Prepared by:

**DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
WOODBURY, NEW YORK**

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1.0 INTRODUCTION

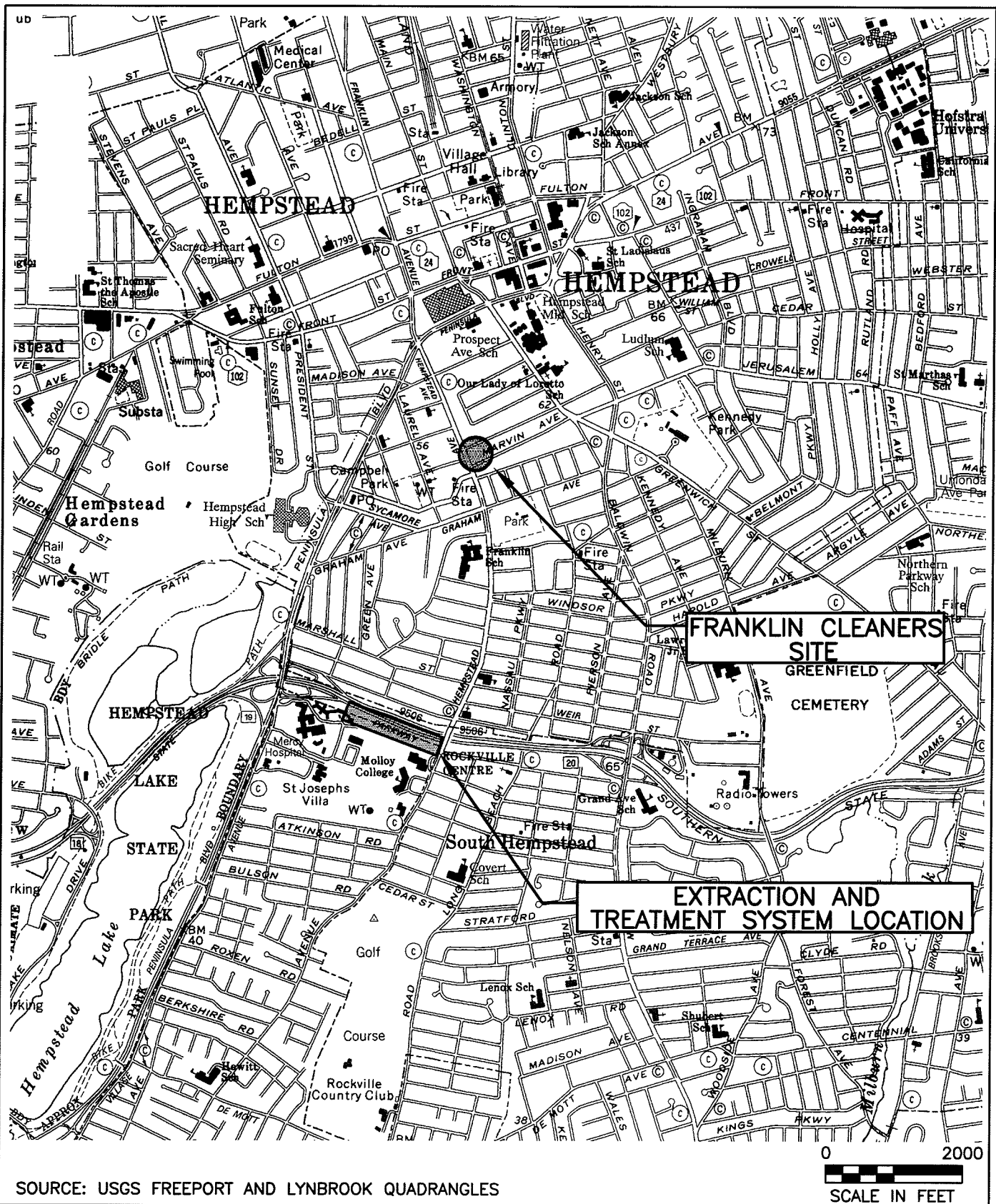
1.1 Project Overview

As part of New York State's program to investigate and remediate hazardous waste sites, the New York State Department of Environmental Conservation (NYSDEC) issued a work assignment to Dvirka and Bartilucci Consulting Engineers (D&B) of Woodbury, New York under its Superfund Standby Contract with the NYSDEC. The scope of the work for the work assignment included providing construction inspection services for remedial measures to address groundwater contamination migrating from the former Franklin Cleaners Site located in the incorporated Village of Hempstead, Nassau County, New York (see Figure 1-1). The facility is a Class 2 New York State Superfund site (Registry No. 1-50-030).

The remedial measure selected by the NYSDEC for this site, as presented in the March 1998 Record of Decision (ROD), is comprised of on-site soil vapor extraction (SVE) to address subsurface soil contamination, and air sparging combined with SVE to address on-site groundwater contamination. The selected remedial measure also includes off-site groundwater extraction and treatment to address downgradient groundwater contamination. This report documents the construction and implementation of the off-site groundwater extraction and treatment system as part of the selected remedy.

The off-site groundwater extraction and treatment system was constructed under two separate Prime Contracts based on the type of work involved. A General Construction Contract (NYSDEC Contract No. D004264) was issued for the construction of the groundwater extraction and treatment system. An Electrical Contract (NYSDEC Contract No. D004275) was issued for the construction of telephone and electrical service and power, and control connections for the groundwater extraction and treatment system.

The timeframe for the General Construction Contract consisted of a Notice to Proceed issued to the Contractor on June 3, 2002 and a certified substantial completion date of July 22,



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SITE LOCATION MAP

FIGURE 1-1

2003. The major elements completed as part of this part of the remedy, as presented in the March 1998 Record of Decision (ROD) and as modified during remedial construction, are as follows:

1. Preparation of, and obtaining approval for shop drawing submittals in accordance with the requirements of the Contract Document.
2. Removal and disposal of yard waste and debris from the Molloy College yard waste disposal area.
3. Furnishing and installation of temporary facilities (trailers, electric, telephone, etc.).
4. Clearing and grubbing of the treatment system building area.
5. Excavation, grading, filling and landscaping.
6. Construction of treatment system building, including installation of wet well, valve vault flow meter vault, etc.
7. Furnishing and installation of the groundwater treatment system and related equipment, including low profile air stripper, pressure blower, carbon vessels and instrumentation and controls.
8. Furnishing and installation of a containment island, pressure washer, utility sink, sink drain, jet pump, water tank, sump pump, hoses and connections.
9. Furnishing and installation of grating, piping, supports, fittings, concrete pads and appurtenances.
10. Painting and coating of system components and floors.
11. Installation of treatment system force main and connection to municipal storm water sewer system.
12. Construction of an access road, parking areas, fencing and gates.
13. Construction of storm water collection and drainage facilities.
14. Startup and performance testing of the groundwater extraction and treatment system.
15. Construction, soil sampling and initial sampling of groundwater monitoring wells.
16. Removal of temporary utilities and facilities.
17. Site restoration and landscaping.

18. Operation, monitoring and maintenance of the groundwater extraction and treatment system for a period of 12 months and training of Department personnel.

The remedial timeframe for the Electrical Contract consisted of a Notice to Proceed issued to the Contractor on June 3, 2002 and a certified substantial completion date of September 2, 2003. The major elements completed as part of the remedy, as presented in the March 1998 Record of Decision and as modified during remedial construction, are as follows:

1. Installation of temporary utilities and security lighting system for the staging and construction areas.
2. Furnishing and installation of 208-volt underground electrical service to the treatment system building, including primary service to new pad-mounted transformer.
3. Furnishing and installation of underground telephone service to the treatment system building, including coordination with Verizon.
4. Furnishing and installation of power distribution equipment, including a panelboard, motor starters and disconnect switches.
5. Furnishing and installation of power and control connections to all equipment furnished.
6. Furnishing and installation of outdoor, indoor and emergency lighting systems and electrical receptacles.
7. Furnishing and installation of electric unit heaters, including thermostats.
8. Furnishing and installation of a lightning protection system and alarm system for the treatment system building.

1.2 Site Description

The Franklin Cleaners Site is a former dry cleaning facility located at 206-208B South Franklin Avenue in the Incorporated Village of Hempstead, Nassau County, New York. The Franklin Cleaners Site was listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites on June 17, 1993. In response to a determination that the presence of hazardous waste at the site presents a significant threat to human health and the environment, the NYSDEC

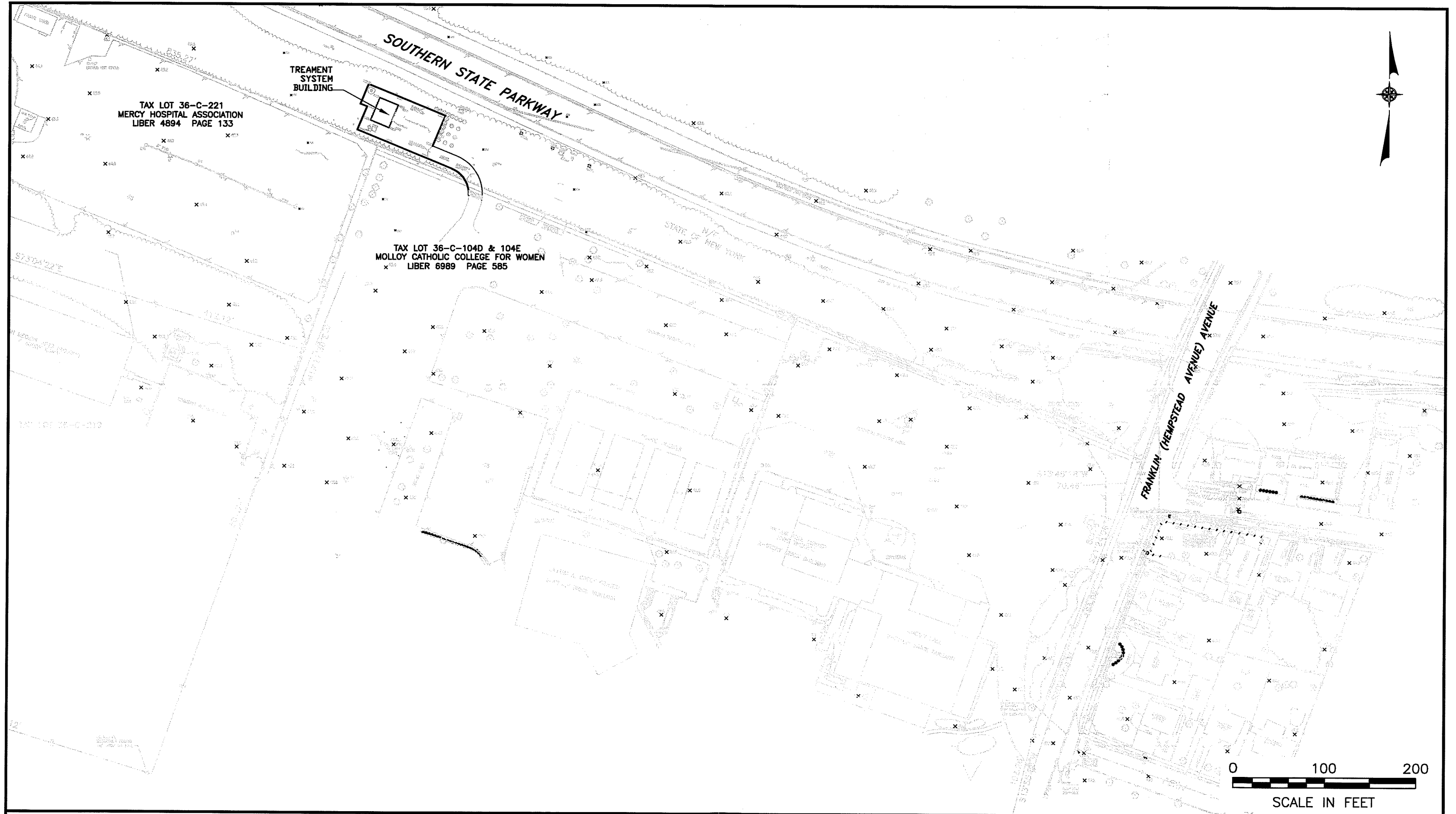
conducted a Remedial Investigation/Feasibility Study (RI/FS). The purpose of the RI/FS was to determine the nature and the extent of contamination resulting from previous activities at the site.

D&B performed the RI/FS on behalf of the NYSDEC between December 1996 and November 1998. The RI/FS showed that elevated levels of tetrachloroethene (PCE) were present in surface and subsurface soils due to the disposal of waste dry cleaning fluids in the back alleyway of the site, spills or disposal that occurred in the basement of the building in the vicinity of the former dry cleaning equipment. Elevated levels of tetrachloroethene (PCE) in groundwater were also detected in the shallow Upper Glacial aquifer in the immediate vicinity of the site. The shallow groundwater plume was traced to the northern boundaries of the Molloy College and Mercy Hospital properties, both located just south of the Southern State Parkway nearly one mile south (downgradient) of the site.

The groundwater contamination plume emanating from the Franklin Cleaners Site is narrow throughout its length, generally less than 500 feet. Based on contaminant concentrations detected in the shallow, intermediate and deep Upper Glacial aquifer during the remedial investigation, it is apparent that the contamination migrates downward as it travels away from the site. However, due to the presence of a low permeability unit at the interface of the Upper Glacial and Magothy aquifers, it is unlikely that significant contamination associated with the site has migrated into the Magothy aquifer.

In order to control the contaminant plume, and to mitigate contaminant migration to potential receptors (private and public supply wells) downgradient of the site, it was determined that implementation of a groundwater extraction and treatment system downgradient of the Franklin Cleaners site was required as part of the selected remedial measure. The groundwater extraction and treatment system is located approximately one mile downgradient (south) of the site and is constructed on the right-of-way for the Southern State Parkway, which is owned by the New York State Office of Parks, Recreation and Historic Preservation. The system location is bordered by Molloy College and Mercy Hospital to the south, the Southern State Parkway to the north, Hempstead Avenue to the east and Peninsula Boulevard to the west (see Figure 1-2).

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SITE PLAN

1.3 Project Objectives

Goals for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375-1.10, and are documented in the ROD. The overall goal is to meet all standards, criteria, and guidelines (SCGs) and to be protective of human health and the environment. Implementation of the off-site groundwater extraction and treatment remedy is specifically focused on the following goals:

- Reduce, control, or eliminate contaminated media to the extent practicable.
- Eliminate the potential for exposure to contaminated groundwater.
- Provide for attainment of SCGs for groundwater, soil and indoor air to the limits of the affected area, to the extent practicable.

2.0 CONSTRUCTION ACTIVITIES

2.1 Contractor Submittals

The General Construction Contractor (GC) selected for the construction of the groundwater extraction and treatment system, based on competitive bids, was URS Corporation of Wayne, New Jersey. The Electrical Contractor (EC) selected for the electrical work for the groundwater extraction and treatment system, based on competitive bids, was J.K. Electric Company, Inc. of West Babylon, New York. As required by the Contract Documents, contractor submittals included a Health and Safety Plan (HASP), Quality Assurance/Quality Control (QA/QC) Plan, Sampling and Analysis Plan, Contingency Plan, Traffic Control Plan, Work and Waste Handling Plan, and Storm Water Management Plan. Shop drawings were required to be submitted for the temporary facilities, fencing, landscaping, extraction wells and piping, extraction treatment system components and treatment system building. The contractors' submittals were reviewed by D&B for conformance with the requirements of the Contract Documents and revised by the contractors in accordance with D&B's comments.

2.2 Site Preparation

The GC mobilized to the site on August 15, 2002, to initiate site preparation activities and to install the necessary temporary facilities. Site preparation activities undertaken by the GC included:

- Clearing and grubbing within the Contract Limits, as necessary, to install temporary facilities and perform the work.
- Removal of yard waste and debris from Molloy College yard waste disposal area, as necessary, to install temporary facilities and perform the work.
- Delivery and installation of an office trailer and temporary sanitary facilities.
- Construction of temporary staging areas and temporary parking areas.
- Installation of the project sign at the site entrance.

The EC mobilized to the site on September 11, 2002, to initiate site preparation activities and for installation of temporary facilities. Site preparation activities undertaken by the EC included:

- Installation of temporary electric and telephone services to the site.
- Installation of the security lighting system for the staging and construction areas.

2.2.1 Initial Site Survey

Prior to the initiation of work at the site, the GC performed an initial survey to verify the existing site conditions and establish benchmarks for the completion of the work. A copy of the initial site survey is provided in Appendix A.

2.2.2 Clearing and Grubbing

The GC cleared approximately 48,000 square feet within the Contract Limits as defined by the Contract Documents in order to complete the work. Waste generated during clearing and grubbing activities was combined with yard waste and debris in the Molloy College yard waste disposal area.

2.2.3 Removal and Disposal of Yard Waste and Debris

The GC removed a volume of yard waste and debris, totaling approximately 275 cubic yards, from within the limits of the Molloy College yard waste disposal area to create areas for the Contractor's and Engineer's/Department's construction office trailer and for staging of materials, tools and equipment. Under Change Order No. 1, in accordance with the NYSDEC's agreement with Molloy College, the GC removed an additional volume of yard waste and debris, totaling approximately 835 cubic yards, from the Molloy College yard waste disposal area.

Removal of yard waste and debris was completed using a payloader and 35-cubic yard tractor trailers. A soil screener was used prior to final disposal to separate topsoil found within

the Molloy College yard waste disposal area for re-use on-site. A total of 1,230 tons of yard waste and debris, including wastes generated during clearing and grubbing activities, was disposed off-site at the 110 Sand Company located in Melville, New York. A total of 275 tons of yard waste and debris was disposed off-site at Stony Creek Industries located in Oceanside, New York. Copies of all disposal manifests can be found in Appendix B of this report.

2.2.4 Installation of Temporary Facilities

As part of the site preparation activities, the GC installed temporary facilities in accordance with the approved Site Layout Plan. Temporary 6-foot high chain link fencing was installed to enclose the trailer/staging area. As approved by the NYSDEC, a section of existing fence, approximately 50 feet in length, on the western portion of the trailer/staging area (Mercy Hospital boundary) was used in lieu of installing new temporary fencing.

The EC installed a temporary 3-phase, 208-volt electrical service point in accordance with the approved Site Layout Plan. The service point distributed power to the field office trailer, temporary security lighting system and temporary distribution point. The EC also installed a temporary security lighting system and temporary telephone service.

All temporary facilities were removed upon completion of the construction activities.

2.3 Groundwater Extraction and Treatment System Facility Construction

2.3.1 Earthwork

Earthwork activities performed by both the GC and the EC included excavation, backfilling and compaction, as required to construct pipeline conduits, vaults, concrete structures, storm water drainage facilities, roadways, and other facilities and structures. Excavation and backfilling activities were accomplished by means of mechanical equipment, including backhoes and payloaders. As approved by the NYSDEC, all backfill was placed in

layers not exceeding 12 inches in lieu of the 8-inch thickness specified in the Contract Documents. Excavated materials that met the required specified criteria were reused as backfill.

Compaction of backfill materials was performed with a vibratory plate compactor in areas above and adjacent to pipes, and in areas adjacent to buildings and vault walls. The specified degree of compaction required for all types of fill was 95 percent in accordance with American Society for Testing and Materials (ASTM) Method D698: Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort. Results of all field density testing can be found in Appendix C.

2.3.1.1 - Fill Materials

Fill materials required to perform the work were obtained from both off-site and on-site sources. All fill materials were tested for conformance with the appropriate specified technical criteria (i.e., grain size distribution, optimum moisture, maximum density analysis) prior to being used on-site. Additionally, inspection of each fill material was performed at the time of installation to ensure and document that all fill material was free of refuse, frozen material, and other objectionable material. Results of all geotechnical analyses can be found in Appendix C.

2.3.1.1.1 - General Fill and Select Fill

Material meeting the specified characteristics for general fill and select fill were imported to the site from the 110 Sand Company located in Melville, New York. Soil that was excavated during installation of discharge piping and drywells, and that met the specified material characteristics for general fill and select fill, was also approved for reuse on-site. General fill materials were used as backfill in all trenches and for common grading activities throughout the site. Select fill materials were primarily used for the replacement of unsuitable materials that were removed from areas below the bottom slabs of structures and manholes, and from below pipe beddings.

2.3.1.1.2 - Pea Gravel

Material meeting the specified material characteristics for pea gravel was also imported to the site from the 110 Sand Company. Pea gravel was used for pipe bedding construction, backfill within pipe zones and backfill around drywell structures.

2.3.2 Structural Construction

2.3.2.1 - Cast-in-Place Concrete

Cast in-place concrete work was performed by the GC to construct the building foundation wall, valve vault, building floor slab and equipment pads. Prior to the commencement of all cast-in-place concrete activities, the GC submitted plans detailing steel reinforcements, concrete mix design, form work, concrete suppliers and certifications of compliance. The GC also supplied copies of all delivery tickets for each load of concrete delivered to the site.

All cast in-place concrete work was performed in accordance with approved plans with the exception of the following deviations:

- The excavations for the building wall foundation and valve vault floor were 8 inches deeper than required, due to over-digging. Upon approval from the NYSDEC, the GC filled the over-cut area with concrete instead of backfilling the over-cut area with select fill.
- As approved by the NYSDEC, the void between the south side of the valve vault wall and the building wall was filled with reinforced concrete. The installation of reinforcing steel and positions of horizontal and vertical pipe sleeves were inspected and approved by D&B's field inspector prior to concrete placement.

All concrete work was tested by a NYSDEC-approved geotechnical laboratory, under subcontract to D&B, to determine suitability in accordance with the requirements of ASTM Method C150: Standard Specification for Portland Cement. Compression cylinder tests were taken to determine concrete strength. The specified minimum compressive strength for concrete at 28 days was 4,000 pounds per square inch (psi). All concrete compression cylinder test results

exceeded this requirement. Additional field testing for temperature, slump and air content were also performed for compliance with specified criteria. Concrete testing results can be found in Appendix C. Copies of concrete delivery tickets are also provided in Appendix C.

2.3.2.2 - Pre-Cast Concrete Structures

Pre-cast concrete structures were provided by both the GC and the EC to construct the wet well, flow meter vault, dry well, extraction well vaults, transformer pad, utility hand holes, and the utility distribution box. Prior to the delivery of each pre-cast concrete structure, both contractors submitted plans detailing steel reinforcements, concrete mix design, concrete strength and certifications of compliance.

Pre-cast concrete structures were provided and installed in accordance with approved plans with the exception of the following deviations:

- A water leak was observed inside the wet well and valve vault, at the location of the pipe penetrations, during final field testing activities. As approved by the NYSDEC, the GC grouted all wall penetrations in each of the structures to eliminate the leak.
- A layer of woven geotextile was installed around the slotted part of the pre-cast dry well to prevent infiltration of the surrounding pea gravel backfill and/or native soil into the dry well.

2.3.2.3 - Building Construction

2.3.2.3.1 - Masonry

Masonry work was performed by the GC to construct the treatment system building. The GC submitted shop drawings and manufacturer's data for all unit masonry blocks, mortar and masonry accessories prior to performing the work. Samples of proposed materials were submitted to the NYSDEC for color and texture selection. Upon selection of the color and texture by the NYSDEC for each sample, the GC erected a mock-up using the selected materials, pattern bonds and joint tooling specified for the final work, to illustrate the proposed range of

color, texture, and workmanship to be expected in the completed building. At the direction of the NYSDEC, the visual qualities of the mock-up were approved by D&B, to allow the contractor to proceed with the masonry work.

Masonry work was performed in accordance with approved plans with the exception of the following deviations:

- Eight (8) inch corner blocks were provided in lieu of the specified 12-inch corner blocks for the split face exterior wall. The use of these corner blocks was accepted with the condition that the void spaces would be filled with 4-inch blocks.
- The bearing of the lintel above the steel man-door provided was 4 inches in lieu of the specified 6 inches. The use of this lintel was accepted upon installation of an extra bond beam including two pieces of number four reinforcing steel in the course on top of the lintel with a bearing of 8 inches on both sides of the lintel.
- The use of a split face block was accepted in lieu of the specified smooth block face for the top course of the exterior wall.

2.3.2.3.2 - Roofing

Roofing work was performed by the GC to enclose the treatment system building. The GC submitted shop drawings, samples and manufacturer's data for the asphalt shingles and ridge vent prior to performing the work. As-built drawings of the installed roofing system are included in Appendix D.

Roofing work was performed in accordance with approved plans with the exception of the following deviations:

- The length of the fascia was shortened from 12 inches to 6 inches as a result of a design change of the roofing system.
- Due to the unavailability of the approved soffit material, the GC provided alternate soffit material. The alternate soffit material was compared against the requirements of the Contract Documents and approved by D&B. The approved alternate soffit material was Pro-Tech Plus PTV12 manufactured by Alcoa, Inc.

2.3.2.3.3 - Building Insulation

Building insulation was installed by the GC for thermal protection of the treatment system building. The GC submitted shop drawings for the insulation prior to performing the work. As-built drawings of the installed insulation are included in Appendix D.

Insulation work was performed in accordance with approved plans with the exception of the following deviation:

- The specified fiberglass board roof insulation was replaced by rigid ceiling insulation with batts to meet New York State Building Code specifications. Water-resistant drywall including fire shield was installed under the roof trusses and insulation batts were placed above the drywall. A 2-foot by 2-foot access hatch was installed above clear floor space area between the two vapor carbon vessels to provide access to the attic space.

2.3.2.3.4 - Building Painting and Finish

Building interior painting was completed by the GC to protect the building and equipment surfaces. The GC submitted samples, shop drawings and certificates for the paint prior to performing the work. Prior to all painting activities, masonry control joints and vertical pipe sleeves were sealed with approved sealant. The inside of the split face block wall, interior block wall, building floor, and ceiling received the specified paint and finish. Finish colors were provided in accordance with the established color schedule. A detail of the paint is included in Appendix D.

All painting and finishing was performed in accordance with approved plans with the exception of the following deviation:

- The man-door, roll-up door and louver did not receive a finish painting.

2.3.3 Electrical Construction

2.3.3.1 - Installation of Primary Electrical Service

The primary electrical service was installed by the EC to supply power to the treatment system building. The EC submitted shop drawings for the primary electrical service prior to performing the work. The meter pan, primary electrical equipment and all associated conduits were installed as specified. The electrical service drop was provided from the Long Island Power Authority (LIPA) electric pole on the west side of Hempstead Avenue. As-built drawings of the primary electrical equipment are included in Appendix D.

2.3.3.2 - Installation of Primary Telephone Service

The primary telephone service to the treatment system building was installed by the EC. The EC submitted shop drawings for the primary telephone service prior to performing the work. The telephone service was provided from the Verizon telephone pole along the east side of Hempstead Avenue to the telephone terminal cabinet inside the treatment system building. As-built drawings of the telephone equipment are included in Appendix D.

2.3.3.3 - Installation of Groundwater Extraction Well Conduits

The groundwater extraction well wiring conduits were installed by the EC to connect the groundwater extraction well pumps to the primary power supply and the primary treatment system controls. The EC submitted shop drawings and record drawings for the groundwater extraction well conduits prior to performing the work. The conduits were installed from the north side of the treatment system building into the groundwater extraction well vaults. Pipe sleeves for the electrical conduits were core-drilled into the groundwater extraction well vaults and penetrations were sealed with link-seals. As-built drawings of the conduits are included in Appendix D.

2.3.3.4 - Installation of Treatment System

Electrical work for the treatment system was performed by the EC to provide power for the system components. The EC installed galvanized pipe conduits, flexible conduits, wiring, pipe supports and accessories to connect the main power distribution panel, control panels, and the treatment system equipment/instrumentation. Indoor lighting fixtures were also installed as part of the treatment system work. The EC submitted shop drawings for the electrical work prior to performing the work. As-built drawings of the installed treatment system electrical system are included in Appendix D.

2.3.3.5 - Miscellaneous Electrical Installation

Miscellaneous electrical work was performed by the EC in accordance with the approved plans. The EC submitted shop drawings for the electrical work prior to performing the work. As built drawings of the miscellaneous electric work are included in Appendix D.

Miscellaneous work performed by the EC included the following:

- Lighting fixtures on the outside of the treatment system building.
- A lightning protection system connected to PVC-covered copper ground rods with ground rod clamps.
- Two indoor electric heaters and one thermostat. A spare electric heater is stored inside the treatment system building.

2.3.4 Mechanical Installations

2.3.4.1 - Buried Pipe Installation

2.3.4.1.1 - Treatment System Influent Piping

Influent piping associated with the treatment system was installed by the GC to convey groundwater from the two extraction wells to the treatment system building. The 2-inch diameter pipeline was installed at a depth of 4 feet below grade. Shop drawings, certificates, and record drawings were submitted by the GC prior to performing the work and a hydrostatic pressure test was performed for each pipeline prior to final acceptance of the construction. As-built drawings of the influent piping are included in Appendix D.

All influent piping work was performed in accordance with approved plans with the exception of the following deviation:

- Due to the unavailability of the specified SDR 32.5 PVC piping, SDR 26 PVC piping was used.

2.3.4.1.2 - Treatment System Discharge Piping

Effluent piping associated with the treatment system was installed by the GC to convey the treated water from the valve vault to the storm water sewer system manhole at the intersection of Hempstead Avenue and Woodland Drive. The 3-inch diameter piping was installed to a depth of 4 feet below grade and was sloped according to design elevations. Shop drawings, certificates and record drawings were submitted by the GC prior to performing the work, and a hydrostatic pressure test was performed for each pipeline prior to final acceptance of the construction. As-built drawings of the discharge piping are included in Appendix D.

All effluent piping work was performed in accordance with approved plans with the exception of the following deviation:

- Due to the unavailability of the specified SDR 32.5 PVC piping, SDR 26 PVC piping was used.

2.3.4.2 - Exposed Piping Installation

2.3.4.2.1 - Ductile Iron Piping

Ductile iron piping associated with the treatment system was installed by the GC to convey treated water from the wet well submersible pumps to the discharge piping. Shop drawings were submitted by the GC prior to performing the work. The exposed ductile iron pipe, including pipe supports, received a bituminous seal coated cement-mortar lining after installation. As-built drawings of the ductile iron piping are included in Appendix D.

2.3.4.2.2 - Thermoplastic Piping

Thermoplastic piping associated with the treatment system was installed by the GC to convey groundwater from the flow meter vault and from the groundwater extraction well vaults. Shop drawings were submitted by the GC prior to performing the work. As-built drawings of the thermoplastic piping are included in Appendix D.

2.3.4.3 - Extraction and Treatment System Component Installations

2.3.4.3.1 - Extraction Well Pumps

Extraction well pumps associated with the treatment system were installed by the GC to pump groundwater from the extraction wells. Shop drawings and dimensional data were submitted by the GC prior to installation and field tests were performed on both pumps prior to final acceptance of the equipment. As-built drawings of the extraction well pumps are included in Appendix D.

The extraction well pumps were installed in accordance with approved plans with the exception of the following deviations:

- The inlet of the submersible pump in extraction well EW-1 was installed 10 feet above the top of the screen instead of at the top of the screen. Based on pump test results and drawdown measurements from extraction well EW-2, the inlet of the submersible pump in extraction well EW-2 was installed at the top of screen.
- In order to prevent overheating of the motor in extraction well EW-2, a protective stainless steel casing was installed around the entire length the pump.

2.3.4.3.2 - Air Stripper/Pressure Blower

The air stripper/pressure blower associated with the treatment system was installed by the GC for removal of volatile organic compounds (VOCs) from the extracted groundwater. Shop drawings, manufacturer's data, test reports and certificates were submitted by the GC prior to installation of the air stripper/pressure blower, and field tests were performed on both pieces of equipment prior to final acceptance of the equipment. As-built drawings of the air stripper/pressure blower are included in Appendix D.

The air stripper/pressure blower was installed in accordance with approved plans with the exception of the following deviations:

- The GC provided an approved alternate low profile air stripper, model STAT 180, manufactured by Carbonair Environmental Systems.
- The GC provided an approved alternate pressure blower, model 2506A, manufactured by New York Blower Company and furnished by Carbonair Environmental Systems.

2.3.4.3.3 - Vapor Carbon Vessels

The vapor carbon vessel adsorption system associated with the treatment system was installed by the GC for treatment of the air stripper exhaust gas. Two fixed-bed granular activated carbon adsorption vessels were installed in series with an exhaust stack and associated piping, valves and controls. Shop drawings and certificates were submitted by the GC prior to

installation and field tests were performed on both vapor carbon vessels prior to final acceptance of the equipment. As-built drawings of the vapor carbon vessels are included in Appendix D.

2.3.4.3.4 - Lift Station

The lift station associated with the wet well was installed by the GC for removal of the submersible pumps from the wet well, as required. Shop drawings were submitted by the GC prior to installation. As-built drawings of the lift station are included in Appendix D.

2.3.4.3.5 - Valve Vault

The valve vault associated with the discharge piping was installed by the GC for installation of ball valves and check valves for the submersible pump ductile iron discharge pipes and to allow the transition from ductile iron to thermoplastic PVC piping. Each discharge pipe was equipped with a pressure gauge and the combined piping system was equipped with one pressure switch. An aluminum grating was installed over the valve vault opening. A sump with a manually operated sump pump was installed inside the valve vault. Shop drawings were submitted by the GC prior to installation. As-built drawings of the valve vault are included in Appendix D.

2.3.4.3.6 - Flow Meter Vault

The flow meter vault associated with the discharge piping was installed by the GC to facilitate access to the pulser register, flow meter and strainer. Shop drawings and dimensional data were submitted by the GC prior to installation. As-built drawings of the flow meter vault are included in Appendix D.

The flow meter vault was installed in accordance with approved plans with the exception of the following deviations:

- The GC provided an approved alternate flow meter/remote register, model T-3000, manufactured by Kent/AMCO Water.
- The GC provided an approved alternate strainer, model Z-type, manufactured by Kent/AMCO Water.

2.3.4.4 - Control System Installations

Control systems associated with the treatment system were installed by the GC to control the operations of the treatment system equipment. One panel was installed to control the operation of the submersible pumps and a second control panel was installed to control the operation of the other treatment system equipment. All electrical wiring from the control panels to the power distribution board and associated equipment was installed by the EC. Shop drawings were submitted by the GC and the EC prior to installation and field tests for the control logic and system alarms were performed prior to final acceptance of the equipment. As-built drawings of the control system are included in Appendix D.

2.3.4.5 - Miscellaneous Mechanical Installations

2.3.4.5.1 - Containment Island and Pressure Washer

The containment island and pressure washer associated with the air stripper were installed by the GC. Shop drawings and certifications were submitted by the GC prior to installation. As-built drawings of the containment island and pressure washer are included in Appendix D.

2.3.4.5.2 - Utility Sink and Sink Drain

The utility sink and sink drain were installed by the GC. The utility sink is fed with water from the water tank. Water collected in the sink drain is pumped into a 55-gallon drum. Shop drawings and certifications were submitted by the GC prior to installation. As-built drawings of the utility sink and sink drain are included in Appendix D.

2.3.4.5.3 - Jet Pump and Water Tank

The jet pump and 32-gallon water tank were installed by the GC. The jet pump pumps water from the wet well and pressurizes it in the water tank for the containment island and utility sink. Shop drawings and certifications were submitted by the GC prior to installation. As-built drawings of the jet pump and water tank are included in Appendix D.

2.3.4.5.4 - Valve Tag and Pipe Identification

Valve tag identifications were installed by the GC for the valves listed on the valve tag schedule. Pipe identification signs were installed on the influent piping air stripper (untreated water), the ductile iron piping inside the valve vault (treated water), the inlet to the air stripper (outside air), the discharge pipe from the pressure blower (discharge air) and the exhaust stack (treated air). A copy of the valve tag schedule is included in Table 2-1.

2.3.4.5.5 - Centrifugal Fan

A V-belt driven centrifugal fan and louver were installed by the GC to create ventilation inside the treatment system building. Shop drawings were submitted by the GC prior to installation. As-built drawings of the centrifugal fan are included in Appendix D.

2.3.4.6 - Well Installations

2.3.4.6.1 - Groundwater Monitoring Wells

Five monitoring wells were installed by the GC-hired subcontractor, Delta Well and Pump Company, Inc., to monitor the groundwater downgradient of the extraction and treatment system and to evaluate the hydraulic performance of the extraction system. The locations of the monitoring wells were pre-selected and are shown on Figure 2-1. Split-spoon soil sampling and gamma logging were conducted in all wells, except ASMW-3, to determine the depth of

TABLE 2-1
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
VALVE SCHEDULE

VAPOR						
Valve ID	Size	Type	Method of Construction	Position	Service	Location
N/A	1"	Ball	BM	NO	Vapor/Liquid - EW1	Extraction Well #1 Air Relief Isolation
N/A	1"	Ball	BM	NO	Vapor/Liquid - EW2	Extraction Well #2 Air Relief Isolation
EWV-EW1-ARV	1"	Air Relief	BM	NO	Vapor/Liquid - EW1	Extraction Well #1 Air Relief
EWV-EW2-ARV	1"	Air Relief	BM	NO	Vapor/Liquid - EW2	Extraction Well #2 Air Relief
PBI-1	1/4"	Ball	SS	NC	Vapor/Liquid - Drain	Blower Suction - Header Pipe Drain
N/A	1/4"	Ball	SS	NO	Vapor - Instrumentation	Blower Suction Vacuum Gauge
N/A	1/4"	Ball	SS	NO	Vapor - Instrumentation	Blower Suction - Vacuum Switch
N/A	1/4"	Ball	SS	NO	Vapor - Instrumentation	Blower Discharge - Pressure Switch
N/A	1"	Ball	PVC	NO	Vapor - Instrumentation	Blower Discharge - Extra
PBI-2	8"	Butterfly	PVC	NO	Vapor- Discharge	Blower Suction
VPCV-U1-INF-BV1	6"	Butterfly	PVC	Varies	Vapor- Discharge	VPCV Manifold Unit 1 Inlet 1
VPCV-U1-INF-BV2	6"	Butterfly	PVC	Varies	Vapor- Discharge	VPCV Manifold Unit 1 Inlet 2
VPCV-U2-INF-BV1	6"	Butterfly	PVC	Varies	Vapor- Discharge	VPCV Manifold Unit 2 Inlet 1
VPCV-U2-INF-BV2	6"	Butterfly	PVC	Varies	Vapor- Discharge	VPCV Manifold Unit 2 Inlet 2
VPCV-U1-EFF-BV1	6"	Butterfly	PVC	Varies	Vapor- Discharge	VPCV Manifold Unit 1 Discharge 1
VPCV-U1-EFF-BV2	6"	Butterfly	PVC	Varies	Vapor- Discharge	VPCV Manifold Unit 1 Discharge 2
VPCV-U2-EFF-BV1	6"	Butterfly	PVC	Varies	Vapor- Discharge	VPCV Manifold Unit 2 Discharge 1
VPCV-U2-EFF-BV2	6"	Butterfly	PVC	Varies	Vapor- Discharge	VPCV Manifold Unit 2 Discharge 2
N/A	1/4"	Ball	SS	NO	Vapor	VPCV Unit 1 Inlet Sample/Gauge Isolation
VPCV-U1-INF	1/4"	Ball	SS	NC	Vapor	VPCV Unit 1 Inlet Sample Tap
N/A	1/4"	Ball	SS	NO	Vapor	VPCV Unit 1 Inlet Gauge Isolation
N/A	1/4"	Ball	SS	NO	Vapor	VPCV Unit 1 Outlet Sample/Gauge Isolation
VPCV-U1-EFF	1/4"	Ball	SS	NC	Vapor	VPCV Unit 1 Outlet Sample Tap
N/A	1/4"	Ball	SS	NO	Vapor	VPCV Unit 1 Outlet Gauge Isolation
N/A	1/4"	Ball	SS	NO	Vapor	VPCV Unit 2 Inlet Sample/Gauge Isolation
VPCV-U2-INF	1/4"	Ball	SS	NC	Vapor	VPCV Unit 2 Inlet sample Isolation
N/A	1/4"	Ball	SS	NO	Vapor	VPCV Unit 2 Inlet Gauge Isolation
N/A	1/4"	Ball	SS	NO	Vapor	VPCV Unit 2 Outlet Sample/Gauge Isolation
VPCV-U2-EFF	1/4"	Ball	SS	NC	Vapor	VPCV Unit 2 Outlet Sample Tap
N/A	1/4"	Ball	SS	NO	Vapor	VPCV Unit 2 Outlet Gauge Isolation
N/A	1/8"	Ball	BRASS	NO	Vapor	Pitot Tube High
N/A	1/8"	Ball	BRASS	NO	Vapor	Pitot Tube Low

NOTES:

SS: Stainless Steel
PVC: Polyvinyl Chloride
NO: Normally Open
NC: Normally Closed
VPCV: Vapor Carbon Vessel
BM: Bronze Metal

**TABLE 2-1 (cont.)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
VALVE SCHEDULE**

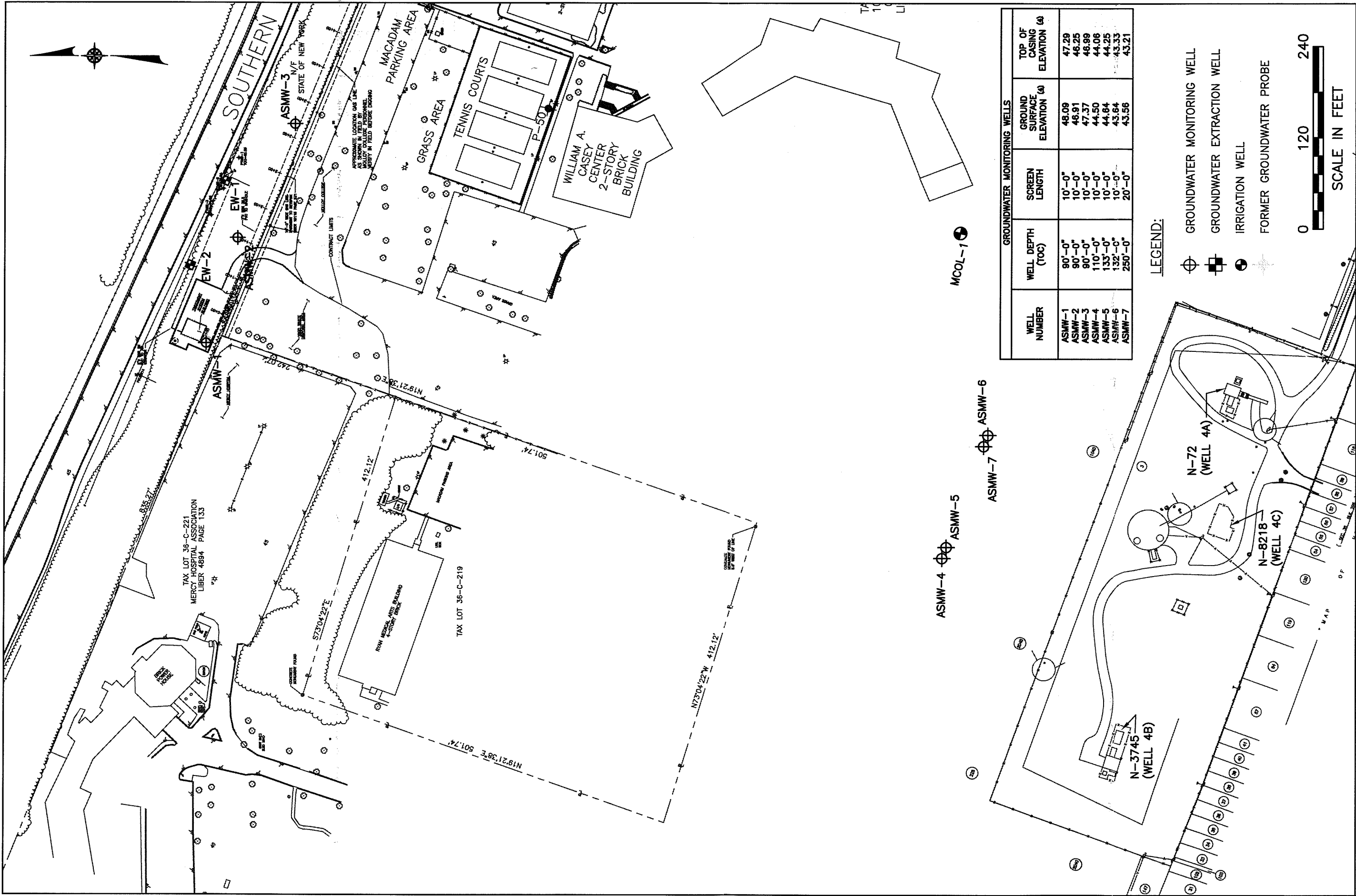
LIQUID						
Valve ID	Size	Type	Method of Construction	Position	Service	Location
N/A	2"	Ball Check	PVC	--	Liquid - UnTreated	Extraction Well #1 Vault
N/A	2"	Ball Check	PVC	--	Liquid - UnTreated	Extraction Well #2 Vault
EWV-EW1-ISO	2"	Ball	PVC	NO	Liquid - UnTreated	Extraction Well #1 Vault
EWV-EW2-ISO	2"	Ball	PVC	NO	Liquid - UnTreated	Extraction Well #2 Vault
N/A	1/4"	Ball	SS	NO	Liquid - UnTreated	Extraction Well #1 - PI Isolation
N/A	1/4"	Ball	SS	NO	Liquid - UnTreated	Extraction Well #2 - PI Isolation
N/A	1/4"	Ball	SS	NO	Liquid - UnTreated	Extraction Well #1 - PS Isolation
N/A	1/4"	Ball	SS	NO	Liquid - UnTreated	Extraction Well #2 - PS Isolation
AS-INF-RECYCLE-1	1 1/4"	Ball	PVC	NC	Liquid - UnTreated	Air Stripper Recycle #1
AS-INF-RECYCLE-2	1 1/4"	Ball	PVC	NC	Liquid - UnTreated	Air Stripper Recycle #2
AS-INF-EW1	1/4"	Ball	SS	NC	Liquid - UnTreated	Air Stripper/Extraction Well #1 Sample Tap
AS-INF-EW2	1/4"	Ball	SS	NC	Liquid - UnTreated	Air Stripper/Extraction Well #2 Sample Tap
AS-EFF	3/4"	Ball	SS	NC	Liquid - Treated	Air Stripper Sight Glass Drain
VV-D1	4"	Gate	DI	NO	Liquid - Treated	Valve Vault - Pump #1 Discharge
VV-D2	4"	Gate	DI	NO	Liquid - Treated	Valve Vault - Pump #2 Discharge
N/A	4"	Swing Check	DI	--	Liquid - Treated	Valve Vault - Pump #1 Discharge
N/A	4"	Swing Check	DI	--	Liquid - Treated	Valve Vault - Pump #2 Discharge
N/A	1/4"	Ball	SS	NO	Liquid - Treated	Valve vault - PI/PS Isolation
N/A	1/4"	Ball	SS	NO	Liquid - Treated	Valve vault - PI Gauge Isolation
N/A	1/4"	Ball	SS	NO	Liquid - Treated	Valve Vault - PS Isolation
N/A	1/4"	Ball	SS	NO	Liquid - Treated	Valve Vault - PI Isolation
N/A	1 1/4"	Ball Check	PVC	--	Liquid - Treated	Valve Vault - Sump Pump
VV-SP-DIS	1 1/4"	Ball	PVC	NC	Liquid - Treated	Valve Vault - Sump Discharge
FMV-DIN-ISO	3"	Ball	PVC	NO	Liquid - Treated	Meter Vault Inlet isolation
FMV-DOUT-ISO	3"	Ball	PVC	NO	Liquid - Treated	Meter Vault Outlet isolation
N/A	1 1/4"	Ball Check	PVC	--	Liquid - Treated	Wet Well/Jet Pump Suction
JP-DIS	3/4"	Ball	PVC	NC	Liquid - Treated	Jet Pump to Containment Island
N/A	1"	Ball	PVC	NO	Liquid - Treated	Hose Bib Isolation
N/A	1"	Ball	BRASS	NC	Liquid - Treated	Hose Bib
SD-BYP	3/4"	Ball	PVC	NC	Liquid - Treated	Sink/Drain Bypass
SD-ISO	1 1/2"	Ball	PVC	NO	Liquid - Treated	Sink Drain Isolation

NOTES:

SS: Stainless Steel
PVC: Polyvinyl Chloride

DI: Ductile Iron
NO: Normally Open
NC: Normally Closed

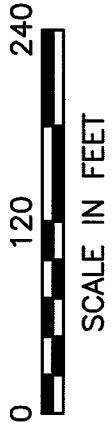
PI: Pressure Indicator
PS: Pressure Sensor



WELL NUMBER	WELL DEPTH (TOC)	SCREEN LENGTH	GROUND SURFACE ELEVATION (A)	TOP OF CASING ELEVATION (A)
ASMW-1	90'-0"	10'-0"	48.09	47.29
ASMW-2	90'-0"	10'-0"	46.91	46.25
ASMW-3	90'-0"	10'-0"	47.37	46.99
ASMW-4	110'-0"	10'-0"	44.50	44.08
ASMW-5	133'-0"	10'-0"	44.64	44.25
ASMW-6	132'-0"	10'-0"	43.64	43.33
ASMW-7	250'-0"	20'-0"	43.56	43.21

LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- IRRIGATION WELL
- FORMER GROUNDWATER PROBE



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

GROUNDWATER MONITORING WELL LOCATION MAP

the clay layer in the vicinity of the wells and to determine the optimum horizon for placement of the well screen. Soil boring logs and gamma logs are included in Appendix E.

Upon completion of drilling and gamma logging at each borehole, a monitoring well was installed and developed. Monitoring well construction details are provided in Table 2-2 and monitoring well construction diagrams are included in Appendix F.

After development, the monitoring wells were sampled for VOCs to establish baseline conditions prior to the start-up of the extraction and treatment system. A summary of the baseline VOC results is provided in Table 2-3.

2.3.4.6.2 - Groundwater Extraction Wells

One extraction well (EW-2) was installed by the GC-hired subcontractor, Delta Well and Pump Company, Inc., to extract contaminated groundwater. The location of EW-2 was pre-selected and is shown on Figure 2-1. Split-spoon sampling and gamma logging were conducted to determine the depth of the clay layer and to determine the optimum horizon for placement of the well screen. The soil boring log and gamma log are included in Appendix E.

Upon completion of drilling and gamma logging of the borehole, the extraction well was installed and developed. Extraction well construction details are provided in Table 2-2 and an extraction well construction diagram is included in Appendix H. As-built drawings of the extraction well are included in Appendix D.

2.4 Recycled Concrete Aggregate Roadways and Parking Area

Compaction of recycled concrete aggregate (RCA) materials, used primarily for the construction of site roadways and parking areas, was performed by using a minimum of four passes with an approved, self-propelled, 10-ton roller.

Table 2-2

**FRANKLIN CLEANERS SITE (OFF-SITE)
NYSDEC CONTRACT NO. D004264 AND D004275 (SITE NO. 1-30-050)
GROUNDWATER MONITORING WELL CONSTRUCTION DETAILS**

Well	Construction Date	Screen Zone (feet bgs)	Sand Pack (feet bgs)	Bentonite Seal (feet bgs)	Ground Surface Elevation (feet msl)	Top of Casing Elevation (feet msl)
ASMW-1	05/15/03	80.2-90.2	77-90.5	74-77	48.09	47.29
ASMW-2	02/27/03	80-90	76.5-90	72.5-76.5	46.91	46.25
ASWM-3	03/04/03	80-90	77.5-90	74-77.5	47.37	46.99
ASMW-4	02/11/03	100-110	96-110	91-96	44.50	44.06
ASMW-5	02/13/03	123-133	121-133	110-121	44.64	44.25
EW-2	06/25/03	75-90	70-90	68-70	45.06	38.58

Notes:

bgs - below ground surface

msl - mean sea level

TABLE 2-3
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
BASELINE GROUNDWATER SAMPLING ANALYTICAL RESULTS

SAMPLE ID	ASMW-1		ASMW-2		ASMW-3		NYSDEC Class GA Standard and Guidance Values (ug/L)
	WATER	WATER	WATER	WATER	WATER	WATER	
DATE OF COLLECTION	6/23/03	6/23/03	6/19/03	6/23/03	6/23/03	6/23/03	
COLLECTED BY	URS	D&B	URS	D&B	URS	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
VOCs							
Dichlorodifluoromethane	U	NS	U	U	U	NS	5 GV
Chloromethane	U	NS	U	U	U	NS	5 ST
Vinyl chloride	U	NS	U	U	U	NS	2 ST
Bromomethane	U	NS	U	U	U	NS	5 ST
Chloroethane	U	NS	U	U	U	NS	5 ST
Trichlorofluoromethane	U	NS	U	U	U	NS	5 ST
1,1-Dichloroethene	U	NS	U	U	U	NS	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	NS	U	U	U	NS	5 ST
Acetone	U	NS	U	U	U	NS	50 ST
Carbon disulfide	U	NS	U	U	U	NS	60 GV
Methyl acetate	U	NS	U	U	U	NS	-
Methylene chloride	U	NS	U	U	U	NS	5 ST
trans 1,2-Dichloroethene	U	NS	U	U	U	NS	5 ST
Methyl-tert butyl ether	U	NS	U	1.6 J	U	NS	10 GV
1,1-Dichloroethane	U	NS	U	U	U	NS	5 ST
cis-1,2-Dichloroethene	U	NS	U	U	U	NS	5 ST
2-Butanone	U	NS	U	U	U	NS	50 GV
Chloroform	U	NS	U	U	U	NS	7 ST
1,1,1-Trichloroethane	1.2 J	NS	U	U	U	NS	5 ST
Cyclohexane	U	NS	U	U	U	NS	-
Carbon tetrachloride	U	NS	U	U	U	NS	5 ST
Benzene	U	NS	U	U	U	NS	1 ST
1,2-Dichloroethane	U	NS	U	U	U	NS	1 ST
Trichloroethene	U	NS	U	U	U	NS	5 ST
Methylcyclohexane	U	NS	U	U	U	NS	-
1,2-Dichloropropane	U	NS	U	U	U	NS	1 ST
Bromodichloromethane	U	NS	U	U	U	NS	50 ST
cis-1,3-Dichloropropene	U	NS	U	U	U	NS	0.4 ST
4-Methyl-2-pentanone	U	NS	U	U	U	NS	-
Toluene	U	NS	U	U	U	NS	5 ST
trans-1,3-Dichloropropene	U	NS	U	U	U	NS	0.4 ST
1,1,2-Trichloroethane	U	NS	U	U	U	NS	1 ST
Tetrachloroethene	510 D	NS	87	79	23	NS	5 ST
2-Hexanone	U	NS	U	U	U	NS	50 GV
Dibromochloromethane	U	NS	U	U	U	NS	50 ST
1,2-Dibromoethane	U	NS	U	U	U	NS	5 ST
Chlorobenzene	U	NS	U	U	U	NS	5 ST
Ethylbenzene	U	NS	U	U	U	NS	5 ST
Xylene (total)	U	NS	U	U	U	NS	5 ST
Styrene	U	NS	U	U	U	NS	5 ST
Bromoform	U	NS	U	U	U	NS	50 GV
Isopropylbenzene	U	NS	U	U	U	NS	5 ST
1,1,2,2-Tetrachloroethane	U	NS	U	U	U	NS	5 ST
1,3-Dichlorobenzene	U	NS	U	U	U	NS	5 ST
1,4-Dichlorobenzene	U	NS	U	U	U	NS	3 ST
1,2-Dichlorobenzene	U	NS	U	U	U	NS	3 ST
1,2-Dibromo-3-chloropropane	U	NS	U	U	U	NS	0.04 ST
1,2,4-Trichlorobenzene	U	NS	U	U	U	NS	5 ST

NOTES:
 ug/L = Microgram per liter
 GV: Guidance Value
 ST: Standard Value
 NS: Not Sampled
 -: Not established
 J: Compound found at a concentration below CRDL, value estimated
 U: Compound analyzed for but not detected
 D: Result taken from reanalysis at a secondary delution

TABLE 2-3 (cont.)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
BASELINE GROUNDWATER SAMPLING ANALYTICAL RESULTS

SAMPLE ID	ASMW-4		ASMW-5		NYSDEC
SAMPLE TYPE	WATER	WATER	WATER	WATER	Class GA
DATE OF COLLECTION	6/23/03	6/23/03	6/23/03	6/23/03	Standard
COLLECTED BY	URS	URS	URS	D&B	and Guidance Values
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOCs					
Dichlorodifluoromethane	U	NS	U	NS	5 GV
Chloromethane	U	NS	U	NS	5 ST
Vinyl chloride	U	NS	U	NS	2 ST
Bromomethane	U	NS	U	NS	5 ST
Chloroethane	U	NS	U	NS	5 ST
Trichlorofluoromethane	U	NS	U	NS	5 ST
1,1-Dichloroethene	U	NS	U	NS	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	NS	U	NS	5 ST
Acetone	U	NS	U	NS	50 ST
Carbon disulfide	U	NS	U	NS	60 GV
Methyl acetate	U	NS	U	NS	-
Methylene chloride	U	NS	U	NS	5 ST
trans 1,2-Dichloroethene	U	NS	U	NS	5 ST
Methyl-tert butyl ether	U	NS	U	NS	10 GV
1,1-Dichloroethane	U	NS	U	NS	5 ST
cis-1,2-Dichloroethene	U	NS	U	NS	5 ST
2-Butanone	U	NS	U	NS	50 GV
Chloroform	4,4 J	NS	U	NS	7 ST
1,1,1-Trichloroethane	U	NS	U	NS	5 ST
Cyclohexane	U	NS	U	NS	-
Carbon tetrachloride	U	NS	U	NS	5 ST
Benzene	U	NS	U	NS	1 ST
1,2-Dichloroethane	U	NS	U	NS	1 ST
Trichloroethene	U	NS	U	NS	5 ST
Methylcyclohexane	U	NS	U	NS	-
1,2-Dichloropropane	U	NS	U	NS	1 ST
Bromodichloromethane	U	NS	U	NS	50 ST
cis-1,3-Dichloropropene	U	NS	U	NS	0.4 ST
4-Methyl-2-pentanone	U	NS	U	NS	-
Toluene	U	NS	U	NS	5 ST
trans-1,3-Dichloropropene	U	NS	U	NS	0.4 ST
1,1,2-Trichloroethane	U	NS	U	NS	1 ST
Tetrachloroethene	U	NS	U	NS	5 ST
2-Hexanone	U	NS	U	NS	-
Dibromochloromethane	U	NS	U	NS	5 ST
1,2-Dibromomethane	U	NS	U	NS	0.4 ST
Chlorobenzene	U	NS	U	NS	1 ST
Ethylbenzene	U	NS	U	NS	5 ST
Xylene (total)	U	NS	U	NS	5 ST
Styrene	U	NS	U	NS	5 ST
Bromoform	U	NS	U	NS	50 GV
Isopropylbenzene	U	NS	U	NS	5 ST
1,1,2,2-Tetrachloroethane	U	NS	U	NS	5 ST
1,3-Dichlorobenzene	U	NS	U	NS	3 ST
1,4-Dichlorobenzene	U	NS	U	NS	3 ST
1,2-Dichlorobenzene	U	NS	U	NS	3 ST
1,2-Dibromo-3-chloropropane	U	NS	U	NS	0.04 ST
1,2,4-Trichlorobenzene	U	NS	U	NS	5 ST

NOTES:
ug/L = Microgram per liter
GV: Guidance Value
ST: Standard Value
NS: Not Sampled
-: Not established
Concentration exceeds Groundwater Standard or Guidance Value
QUALIFIERS:
J: Compound found at a concentration below CRDL, value estimated
U: Compound analyzed for but not detected
D: Result taken from reanalysis at a secondary delution

RCA meeting the specified characteristics for crushed stone was imported to the site from Al Jam Construx, Inc., located in Westbury, New York. The GC performed grain size distribution analysis on the crushed stone, prior to its use on-site, in accordance with ASTM Method D422: Particle Size Analysis of Soils. Moisture density relationship analysis was performed by the NYSDEC in accordance with ASTM Method D698: Moisture-Density Relations of Soils. Copies of the grain size distribution analysis results and moisture density relationship results are included in Appendix C.

One layer of woven geotextile was placed on top of the general fill material prior to placement of the RCA. A backhoe and front-end loader were used to place the RCA material. The RCA was placed in one lift and compacted to a density ranging between 92 to 94 percent of the maximum dry density of the RCA material. Compaction was achieved by the use of a vibratory plate compactor.

2.5 Site Restoration

After completion of construction activities, all disturbed areas were restored in accordance with the established Landscape Plan. The Landscape Plan was approved by the New York State Office of Parks, Recreation and Historic Preservation.

2.5.1 Seeding

Upon completion of all excavation and backfilling activities, the GC was responsible for seeding the areas disturbed by installation of the influent lines, force main pipeline, telephone/electrical utility conduits and extraction well vaults. All areas received a top layer of at least 3 inches of topsoil. After the topsoil was placed, the areas along the shoulder of the Southern State Parkway were seeded with a grass seed mixture "regularly mowed" as specified in the Contract Documents. The area along the force main pipeline and electrical/telephone utility conduits received a grass seed mixture "not regularly mowed" as specified in the Contract Documents. Areas outside of the treatment system building and adjacent to the RCA roadway received a top layer of at least 4 inches of wood chips. A certificate of material compliance was

submitted by the GC prior to performing the work. As-built drawings of the landscaping are included in Appendix D.

All seeding was performed in accordance with approved plans with the exception of the following deviation:

- The GC proposed alternate topsoil and seed mixtures, which were approved by the New York State Office of Parks, Recreation and Historic Preservation and the NYSDEC.

2.5.2 Plantings

A total of 20 eastern red cedar trees were planted by the GC in accordance with the Contract Documents and the approved Landscape Plan. As-built drawings of the tree locations are provided in Appendix D.

2.5.3 Fence

The GC installed 272 feet of chain link fencing around the treatment system facility area with a 15-foot wide, double aluminum swing entrance gate. Additionally, 130 feet of chain link fencing and a 15-foot wide double aluminum swing entrance gate were replaced or restored along the Molloy College property line. Shop drawings and samples were submitted by the GC prior to performing the work. As-built drawings of the fence and gate locations are provided in Appendix D.

3.0 SYSTEM TESTING

3.1 Preliminary Field Test

Preliminary field testing of the extraction and treatment system was performed by the GC on July 8 and 9, 2003. The purpose of the preliminary field testing was to verify that all equipment and instrumentation were properly installed, operational, free from overheating, overloading, vibration or other operating problems, and ready for operation.

3.2 Final Field Test

Prior to the start of the final field testing, the GC conducted an initial start-up test. The entire treatment system was filled with potable water and operated in recycle mode via an aboveground storage tank (initial start-up). The purpose of the initial start-up was to identify any leaks in the system, piping and/or valves. As previously discussed in Section 2.3.2.2, a water leak was observed in the wet well and valve vault during final field testing activities. The leak was repaired by grouting all wall penetrations, as approved by the NYSDEC.

Upon completion of the initial start-up test, the GC initiated the final field test on July 21, 2003. The purpose of the final field test was to operate the entire system as a unit under design conditions. Pump flow rates, blower capacities and pressure/vacuum switch settings were adjusted and tested at design operating conditions. All alarm conditions, extraction and treatment system control logic, and submersible pump control logic were tested and the entire system operated as designed. The operation of the alarm auto-dialer was tested on September 8, 2003, upon installation of permanent telephone service.

Based on effluent flow meter readings inside the building, a total of 6,032 gallons of treated water was discharged into Nassau County's storm water manhole during the final field testing program.

3.3 System Test

Upon completion of the final field test, the GC completed a system test between July 22, 2003 and July 24, 2003. The purpose of the system test was to operate the groundwater treatment system at design flow rates and to demonstrate that the groundwater treatment system met the performance requirements specified in the Contract Documents.

Each day of the system test, the groundwater treatment system was started and operated continuously for 2 hours. The GC collected daily water samples from each extraction well influent line (EW-1 and EW-2) and the air stripper discharge sump (AS-1) and samples were shipped to the approved laboratory for VOC analysis. On the first day of the system test, additional water samples were collected from the air stripper discharge and analyzed for pH, iron and manganese. On July 24, 2003, split samples were collected by D&B from the influent piping from EW-1 and the air stripper discharge sump for VOC analysis. Split sample results are summarized in Table 3-1. Table 3-2 provides information about operating conditions and extracted/discharged water volumes during system testing. After collection of the water samples, the entire system was shut down. All samples were collected and analyzed in accordance with the GC's approved Sampling and Analysis Plan.

Results from all water samples collected during the system test were compared to New York State Class GA Groundwater Standards and Guidance Values and Nassau County Storm Water Sewer Effluent Limitations. The influent from both extraction wells exhibited concentrations of VOCs above the stated standards and no VOCs were detected in the sample from the air stripper discharge sump. These results showed that the system was effectively removing VOCs to meet the required effluent levels.

On the first day of the system test (July 22, 2003), air samples were collected from the influent air stream before vapor carbon vessel number 1 and from the outlet of vapor carbon vessel number 2. Both air samples were sent to an approved laboratory and analyzed for VOCs

TABLE 3-1
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
SYSTEM TEST SPLIT SAMPLE ANALYTICAL RESULTS

SAMPLE ID	EW-1		EW-2		EFFLUENT AIR STRIPPER		NYSDEC Class GA Standard and Guidance Values (ug/L)
	WATER	WATER (SPLIT)	WATER	WATER	WATER	WATER (SPLIT)	
DATE OF COLLECTION	7/24/03	7/24/03	7/24/03	7/24/03	7/24/03	7/24/03	
COLLECTED BY	URS	D&B	URS	D&B	URS	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
VOCs							
Dichlorodifluoromethane	U	U	U	NS	U	U	5 GV
Chloromethane	U	U	U	NS	U	U	5 ST
Vinyl chloride	U	U	U	NS	U	U	2 ST
Bromomethane	U	U	U	NS	U	U	5 ST
Chloroethane	U	U	U	NS	U	U	5 ST
Trichlorofluoromethane	U	U	U	NS	U	U	5 ST
1,1-Dichloroethene	U	U	U	NS	U	U	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	NS	U	U	5 ST
Acetone	U	U	U	NS	U	U	50 ST
Carbon disulfide	U	U	U	NS	U	U	60 GV
Methyl acetate	U	U	U	NS	U	U	--
Methylene chloride	U	U	U	NS	U	U	5 ST
trans 1,2-Dichloroethene	U	U	U	NS	U	U	5 ST
Methyl-tert butyl ether	U	U	U	NS	U	U	10 GV
1,1-Dichloroethane	U	U	U	NS	U	U	5 ST
cis-1,2-Dichloroethene	U	U	U	NS	U	U	5 ST
2-Butanone	U	U	U	NS	U	U	50 GV
Chloroform	U	U	U	NS	U	U	7 ST
1,1,1-Trichloroethane	U	U	U	NS	U	U	5 ST
Cyclohexane	U	U	U	NS	U	U	--
Carbon tetrachloride	U	U	U	NS	U	U	5 ST
Benzene	U	U	U	NS	U	U	5 ST
1,2-Dichloroethane	U	U	U	NS	U	U	1 ST
Trichloroethene	U	U	U	NS	U	U	1 ST
Methylcyclohexane	U	U	U	NS	U	U	5 ST
1,2-Dichloropropane	U	U	U	NS	U	U	--
Bromodichloromethane	U	U	U	NS	U	U	1 ST
cis-1,3-Dichloropropene	U	U	U	NS	U	U	50 ST
4-Methyl-2-pentanone	U	U	U	NS	U	U	0.4 ST
Toluene	U	U	U	NS	U	U	--
trans-1,3-Dichloropropene	U	U	U	NS	U	U	5 ST
1,1,2-Trichloroethane	U	U	U	NS	U	U	0.4 ST
Tetrachloroethene	U	U	U	NS	U	U	1 ST
2-Hexanone	U	U	U	NS	U	U	5 ST
Dibromochloromethane	U	U	U	NS	U	U	50 GV
1,2-Dibromoethane	U	U	U	NS	U	U	50 ST
Chlorobenzene	U	U	U	NS	U	U	5 ST
Ethylbenzene	U	U	U	NS	U	U	5 ST
Xylene (total)	U	U	U	NS	U	U	5 ST
Styrene	U	U	U	NS	U	U	5 ST
Bromoform	U	U	U	NS	U	U	50 GV
Isopropylbenzene	U	U	U	NS	U	U	50 ST
1,1,2,2-Tetrachloroethane	U	U	U	NS	U	U	5 ST
1,3-Dichlorobenzene	U	U	U	NS	U	U	3 ST
1,4-Dichlorobenzene	U	U	U	NS	U	U	3 ST
1,2-Dichlorobenzene	U	U	U	NS	U	U	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	NS	U	U	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	NS	U	U	5 ST

NOTES:

NS: Not Sampled
ug/L = Microgram per liter

QUALIFIERS:
U: Compound analyzed for but not detected
D: Result taken from reanalysis at a secondary dilution.

J: Compound found at a concentration below CRDL, value estimated

Table 3-2

**FRANKLIN CLEANERS SITE (OFF-SITE)
NYSDEC CONTRACT NO. D004264 AND D004275 SITE NO. 1-30-050
SYSTEM TEST OPERATING CONDITIONS**

	Day 1		Day 2		Day 3	
Date	July 22, 2003		July 23, 2003		July 24, 2003	
Start Time	12:54 p.m.		8:30 a.m.		8:00 a.m.	
End time	4:30 p.m.		10:45 a.m.		10:07 a.m.	
Effluent discharged (gal)	11,021		7,214		7,151	
Average discharge flow (gpm)	52.5		53.4		56.3	
Extraction Well	EW-1	EW-2	EW-1	EW-2	EW-1	EW-2
Pump Operating Frequency (Hz)	80	60	80	62	80	63
Total extracted (gal)	7,537	1,146	4,949	886	4,826	964
Average flow (gpm)	35.8	5.5	36.6	6.5	38.0	7.6

to evaluate the performance of the vapor carbon vessel system and to determine the overall efficiency of the vapor carbon vessels. Results showed that the vapor carbon vessel system was effectively reducing the influent total VOC concentrations to meet the required air discharge levels. All results were within the limitations set forth in the Contract Documents.

4.0 POST CONSTRUCTION OPERATION, MAINTENANCE AND MONITORING

In accordance with the Contract Documents, the GC was responsible for all operation, maintenance and monitoring of the groundwater extraction and treatment system for a period of one year after acceptance by the NYSDEC. The 1-year responsibilities of the GC included the following:

- Appropriate operation of all equipment in accordance with the Contract Documents.
- Continuous extraction of contaminated groundwater from the extraction wells.
- Treatment of the extracted water to comply with the effluent limitations.
- Discharge of treated water to the NCDPW storm water system.
- Procurement of all materials associated with operation of the extraction and treatment system.
- Monitoring, recording and reporting of system conditions at a frequency of once every seven calendar days.
- Monitoring, recording and sampling of all monitoring wells at a frequency of once every quarter.
- Proper characterization and off-site disposal of all waste generated.
- Response to system alarm conditions from the autodialer system and restart of the system within 24 hours.
- Monthly Status Reports describing all operation, maintenance and monitoring activities.
- Monitoring, procurement and replacement of the granular activated carbon within the vapor carbon vessels as required, and proper disposal.

All monthly post construction reports prepared by the GC were submitted to D&B and the NYSDEC for review and comment. D&B was responsible for submittal of quarterly summaries of activities to the NYSDEC. All quarterly reports submitted by D&B for the one year post construction operational period are included in Appendix J.

5.0 CHANGE ORDERS

5.1 Change Order No. 1

Change Order No. 1 was issued to the GC by the NYSDEC on July 7, 2004. The change order is comprised of two separate items to address the following:

- The additional cost and time spent to clear, grade and dispose of yard waste from the Molloy College property. The work was necessary to obtain access to the treatment plant location. The cost of this change order was an additional \$83,074.15 lump sum increase based on an additional 835 cubic yards of yard waste not anticipated in the original contract.
- The additional cost and time spent to overpump wells ASMW-4 and ASMW-5 on the Molloy College property. The work was necessary to collect additional samples to evaluate whether the acetone detected in these wells was due to laboratory contamination or well construction techniques, or whether the detected acetone represented another contaminant source in the area. The cost of this change order was an additional \$2,577.00 lump sum increase based on the additional labor, equipment and reporting requirements.

The overall net increase of the original contract price due to Change Order No. 1 was \$85,651.15. This resulted in a new contract price of \$810,520.15.

6.0 CERTIFICATIONS

Construction was completed at the Franklin Cleaners Site in accordance with the Contract Documents entitled: Franklin Cleaners Site, Site Number 1-30-050, Incorporated Village of Hempstead, Nassau County, New York, dated February 2001, as well as all approved changes as noted in this report.



P.E. Seal

Dvirka and Bartilucci Consulting Engineers
330 Crossways Park Drive
Woodbury, New York 11797

Signed: Brian Veith

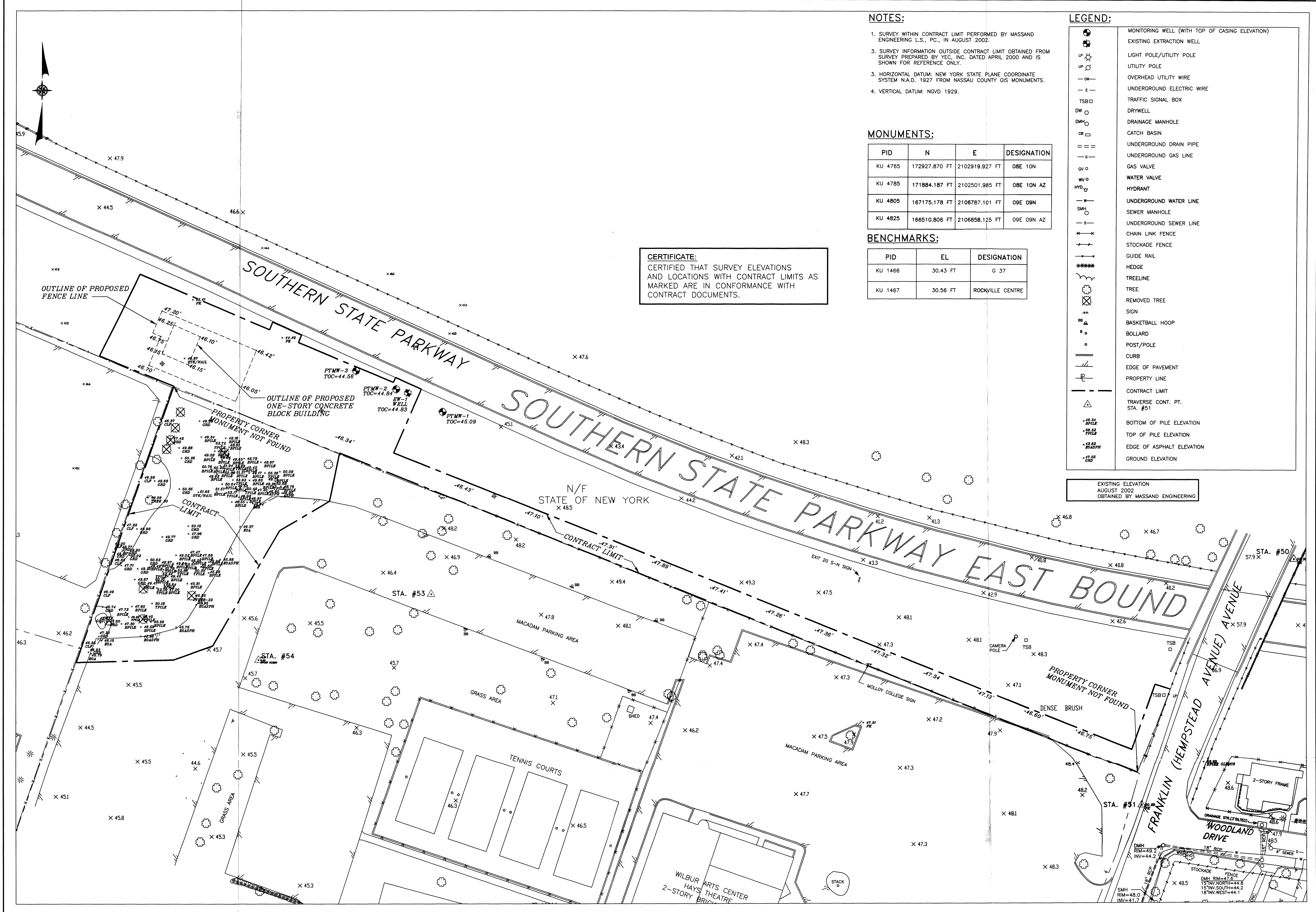
Dated: 4/5/2012

Appendix A

10/10/2020 10:10:10

APPENDIX A

INITIAL SITE SURVEY



NOTES:

- 1. SURVEY WITHIN CONTRACT LIMIT PERFORMED BY MASSAND ENGINEERING L.S., PC., IN AUGUST 2002.
- 3. SURVEY INFORMATION OUTSIDE CONTRACT LIMIT OBTAINED FROM SURVEY PREPARED BY YEC, INC. DATED APRIL 2000 AND IS SHOWN FOR REFERENCE ONLY.
- 3. HORIZONTAL DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM N.A.D. 1927 FROM NASSAU COUNTY GIS MONUMENTS.
- 4. VERTICAL DATUM: NGVD 1929.

MONUMENTS:

PID	N	E	DESIGNATION
KU 4765	172927.870 FT	2102919.927 FT	08E 10N
KU 4785	171884.187 FT	2102501.985 FT	08E 10N AZ
KU 4805	167175.178 FT	2106787.101 FT	09E 09N
KU 4825	166510.806 FT	2106858.125 FT	09E 09N AZ

BENCHMARKS:

PID	EL	DESIGNATION
KU 1466	30.43 FT	G 37
KU 1467	30.56 FT	ROCKVILLE CENTRE

CERTIFICATE:
CERTIFIED THAT SURVEY ELEVATIONS
AND LOCATIONS WITH CONTRACT LIMITS AS
MARKED ARE IN CONFORMANCE WITH
CONTRACT DOCUMENTS.

LEGEND:

	MONITORING WELL (WITH TOP OF CASING ELEVATION)
	EXISTING EXTRACTION WELL
	LIGHT POLE/UTILITY POLE
	UTILITY POLE
	OVERHEAD UTILITY WIRE
	UNDERGROUND ELECTRIC WIRE
	TRAFFIC SIGNAL BOX
	DRYWELL
	DRAINAGE MANHOLE
	CATCH BASIN
	UNDERGROUND DRAIN PIPE
	UNDERGROUND GAS LINE
	GAS VALVE
	WATER VALVE
	HYDRANT
	UNDERGROUND WATER LINE
	SEWER MANHOLE
	UNDERGROUND SEWER LINE
	CHAIN LINK FENCE
	STOCKADE FENCE
	GUIDE RAIL
	HEDGE
	TREELINE
	TREE
	REMOVED TREE
	SIGN
	BASKETBALL HOOP
	BOLLARD
	POST/POLE
	CURB
	EDGE OF PAVEMENT
	PROPERTY LINE
	CONTRACT LIMIT
	TRAVERSE CONT. PT. STA. #51
	BOTTOM OF PILE ELEVATION
	TOP OF PILE ELEVATION
	EDGE OF ASPHALT ELEVATION
	GROUND ELEVATION

EXISTING ELEVATION
AUGUST 2002
OBTAINED BY MASSAND ENGINEERING

Appendix B

APPENDIX B

DISPOSAL MANIFESTS

Stony Creek Industries, Inc. Disposal Receipts

61726	20
61727	35
61725	16
61723	16
61722	35
61721	35
61720	16
61719	16
61718	35
61717	35
61728	16
	275

STONY CREEK INDUSTRIES, INC.**4001 DALY BOULEVARD
OCEANSIDE, NY 11572****TEL: 516-678-5454****FAX: 516-255-0464****TRANSACTION 61727
RECEIPT**

DATE	RECEIPT #
8/15/2002	61726 61727

BILL TO**Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040**

TRUCK #	DRIVER	PROJECT
JP ENT	FISHER	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	20	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE · RECYCLING****CONCRETE BLEND · SAND · CLEAN FILL · SAND-SALT · TOP SOIL****DECORATIVE STONE · DRAINAGE STONE · GRAVEL**

STONY CREEK INDUSTRIES, INC.

**4001 DALY BOULEVARD
OCEANSIDE, NY 11572
TEL: 516-678-5454
FAX: 516-255-0464**

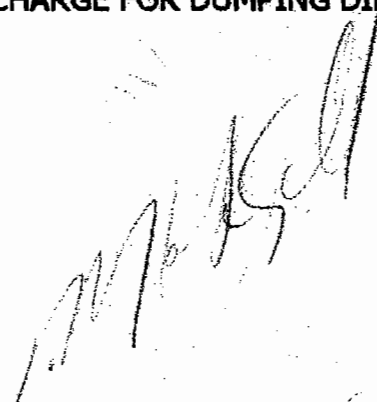
**TRANSACTION 61726
RECEIPT**

DATE	RECEIPT #
8/15/2002	61725 61726

BILL TO

Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040

TRUCK #	DRIVER	PROJECT
JP ENT	DAVE	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	35	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING 

RECEIVED

Stony creek Ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING**

**CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL
DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

STONY CREEK INDUSTRIES, INC.

**4001 DALY BOULEVARD
OCEANSIDE, NY 11572
TEL: 516-678-5454
FAX: 516-255-0464**

TRANSACTION 61725**RECEIPT**

DATE	RECEIPT #
8/15/02	61725

BILL TO

**Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040**

TRUCK #	DRIVER	PROJECT
GARDNER7	JUNIOR	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	16	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek Ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING**

**CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL
DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

STONY CREEK INDUSTRIES, INC.

**4001 DALY BOULEVARD
OCEANSIDE, NY 11572
TEL: 516-678-5454
FAX: 516-255-0464**

**TRANSACTION 61723
RECEIPT**

DATE	RECEIPT #
8/15/2002	61723 61722

BILL TO

**Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040**

TRUCK #	DRIVER	PROJECT
VJR	VINNY	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	16	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek Ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING****CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL****DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

STONY CREEK INDUSTRIES, INC.**4001 DALY BOULEVARD
OCEANSIDE, NY 11572****TEL: 516-678-5454****FAX: 516-255-0464****TRANSACTION 61722
RECEIPT**

DATE	RECEIPT #
8/15/2002	61722

BILL TO

Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040

TRUCK #	DRIVER	PROJECT
JP TRAILER	FISHER	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	35	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek Ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING****CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL****DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

STONY CREEK INDUSTRIES, INC.

**4001 DALY BOULEVARD
OCEANSIDE, NY 11572
TEL: 516-678-5454
FAX: 516-255-0464**

**TRANSACTION 61721
RECEIPT**

DATE	RECEIPT #
8/15/2002	61721

BILL TO

**Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040**

TRUCK #	DRIVER	PROJECT
JP TRAILER	DAVE	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	35	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek Inc. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING**

**CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL
DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

STONY CREEK INDUSTRIES, INC.**4001 DALY BOULEVARD
OCEANSIDE, NY 11572****TEL: 516-678-5454****FAX: 516-255-0464****TRANSACTION 61720****RECEIPT**

DATE	RECEIPT #
8/15/2002	61720 61719

BILL TO**Alistate Contracting
158 Park Avenue
Garden City Park, NY, 11040**

TRUCK #	DRIVER	PROJECT
GARDNER 7	JR	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	16	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek Ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING****CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL****DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

STONY CREEK INDUSTRIES, INC.**4001 DALY BOULEVARD
OCEANSIDE, NY 11572****TEL: 516-678-5454****FAX: 516-255-0464****TRANSACTION 61719****RECEIPT**

DATE	RECEIPT #
8/15/2002	61718 61719

BILL TO**Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040**

TRUCK #	DRIVER	PROJECT
VJR	VINNY	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	16	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek Ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING****CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL****DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

STONY CREEK INDUSTRIES, INC.**4001 DALY BOULEVARD****OCEANSIDE, NY 11572****TEL: 516-678-5454****FAX: 516-255-0464****TRANSACTION 61718****RECEIPT**

DATE	RECEIPT #
8/15/2002	61717 61718

BILL TO

Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040

TRUCK #	DRIVER	PROJECT
JP TRAILER	FISHER	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	35	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek Ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING****CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL****DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

STONY CREEK INDUSTRIES, INC.

**4001 DALY BOULEVARD
OCEANSIDE, NY 11572
TEL: 516-678-5454
FAX: 516-255-0464**

**TRANSACTION 61717
RECEIPT**

DATE	RECEIPT #
8/15/2002	61716 61717

BILL TO

**Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040**

TRUCK #	DRIVER	PROJECT
JP TRAILER	DAVE	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	35	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING****CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL****DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

STONY CREEK INDUSTRIES, INC.**4001 DALY BOULEVARD
OCEANSIDE, NY 11572****TEL: 516-678-5454****FAX: 516-255-0464****TRANSACTION 61728****RECEIPT**

DATE	RECEIPT #
8/15/2002	61728

BILL TO

Allstate Contracting
158 Park Avenue
Garden City Park, NY, 11040

TRUCK #	DRIVER	PROJECT
GARDNER 7	JUNIOR	MOLLOY

ITEM	QTY	DESCRIPTION
TIPPING - DRT	16	SERVICE CHARGE FOR DUMPING DIRT FOR RECYCLING

RECEIVED

Stony creek Ind. issued this receipt solely for the purpose of establishing _____ weight. Operation of this vehicle in excess of allowable permit may result in delay of the vehicle and/or arrest of the operator, and is the sole responsibility of the operator and owner of the vehicle.

We appreciate your business!**AGGREGATE • RECYCLING**

**CONCRETE BLEND • SAND • CLEAN FILL • SAND-SALT • TOP SOIL
DECORATIVE STONE • DRAINAGE STONE • GRAVEL**

110 Sand Company Disposal Receipts

Truck No.	Date	Ticket No.	Volume
3321	8/23/02	OT094248	30
3307	8/23/02	OT094250	30
3315	8/23/02	OT094251	30
3323	8/23/02	OT094243	30
3322	8/23/02	OT094246	30
3301	8/23/02	OT094247	30
3307	8/23/02	OT094240	30
3315	8/23/02	OT094241	30
3306	8/23/02	OT094242	30
3301	8/23/02	OT094237	30
3322	8/23/02	OT094238	30
3321	8/23/02	OT094239	30
3315	8/23/02	OT094230	30
3306	8/23/02	OT094231	30
3323	8/23/02	OT094233	30
3305	8/26/02	OT094271	30
3305	8/26/02	OT094272	30
3306	8/26/02	OT094268	30
3307	8/26/02	OT094269	30
3307	8/26/02	OT094270	30
3304	8/26/02	OT094262	30
3304	8/26/02	OT094263	30
3306	8/26/02	OT094267	30
3323	8/26/02	OT094266	30
3302	8/26/02	OT094265	30
3304	8/26/02	OT094264	30
3315	8/29/02	OT094344	30
3315	8/29/02	OT094386	30
3323	8/28/02	OT094328	30
3321	8/28/02	OT094325	30
3320	8/28/02	OT094323	30
3320	8/28/02	OT094331	30
3321	8/28/02	OT094332	30
3315	8/28/02	OT094329	30
3320	9/13/02	OT094627	30
3320	9/13/02	OT094638	30
3322	9/13/02	OT094640	30
3321	9/13/02	OT094629	30
3322	9/13/02	OT094621	30
3321	9/13/02	OT094619	30
3315	9/16/02	OT094649	30
			1230

OFFICE COPY

TELEPHONES

110 Sand Company

170 Cabot Street
West Babylon, New York 11704Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3321	OUR TRUCK			OT094248

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/23/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

DELIVERY ADDRESS
**PHOENIX ENVIRO
MOLLOY- ROCKVILLE CTR**

RECEIVED BY

CARRIER SIGNATURE **BROMAN #21-186-AL COBB**

CUSTOMER SIGNATURE

SEE REVERSE SIDE FOR COLLECTION TERMS

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	15:43:22		AC65048213	

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	3270
LOADS THIS ORDER TODAY	109

OFFICE USE ONLY

OFFICE COPY

TELEPHONES

110 Sand Company

170 Cabot Street
West Babylon, New York 11704Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3307	OUR TRUCK			OT094250

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/23/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

DELIVERY ADDRESS
**PHOENIX ENVIRO
MOLLOY - ROCKVILLE CTR**

RECEIVED BY

CARRIER SIGNATURE **BROMAN-07-194-ARTIE**

CUSTOMER SIGNATURE

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	15:51:49		AE47751	

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	25119
LOADS THIS ORDER TODAY	771

OFFICE USE ONLY

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TELEPHONES

110 Sand Company

170 Cabot Street
West Babylon, New York 11704Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3315	OUR TRUCK			OT094251

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/23/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

DELIVERY ADDRESS
**PHOENIX ENVIRO
MOLLOY- ROCKVL CTR**

RECEIVED BY

CARRIER SIGNATURE **BROMAN-15-205-BILLY**

CUSTOMER SIGNATURE

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	16:07:22		QT1865	

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	35035
LOADS THIS ORDER TODAY	137

OFFICE USE ONLY

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110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-410P
Scalehouse - 631-694-282L
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3323	OUR TRUCK			OT094243
CUSTOMER NAME BROMAN & SON, INC.						
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE			
8/23/02			931			
MATERIAL DESCRIPTION DEMOLITION (CR)						
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR						
RECEIVED BY:						
CARRIER SIGNATURE BROMAN #23-203-JOHN J.						
CUSTOMER SIGNATURE						
SEE REVERSE SIDE FOR COLLECTION TERMS						

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	14:36:22		AE41700203	

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	5280
LOADS THIS ORDER TODAY	176
OFFICE USE ONLY	

OFFICE COPY

TELEPHONES

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3322	OUR TRUCK			OT094246
CUSTOMER NAME BROMAN & SON, INC.						
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE			
8/23/02			931			
MATERIAL DESCRIPTION DEMOLITION (CR)						
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY - ROCKVILLE CTR						
RECEIVED BY:						
CARRIER SIGNATURE BROMAN #22-214-JIMMY WILLIAMS						
CUSTOMER SIGNATURE						

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	15:36:10		AC65140	

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	1980
LOADS THIS ORDER TODAY	66
OFFICE USE ONLY	

OFFICE COPY

TELEPHONES

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3301	OUR TRUCK			OT094247
CUSTOMER NAME BROMAN & SON, INC.						
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE			
8/23/02			931			
MATERIAL DESCRIPTION DEMOLITION (CR)						
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY- ROCKVILLE CTR						
RECEIVED BY:						
CARRIER SIGNATURE BROMAN-01-204-PAUL G.						
CUSTOMER SIGNATURE						

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	15:39:03		TT3585	

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	43151
LOADS THIS ORDER TODAY	387
OFFICE USE ONLY	

EAST COAST GRAPHICS (631) 232-9109

EAST COAST GRAPHICS (631) 232-9109

EAST COAST GRAPHICS (631) 232-9109



110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3307	OUR TRUCK			OT094240
CUSTOMER NAME BROMAN & SON, INC.						
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE	GROSS	TARE	NET
8/23/02			931			30
MATERIAL DESCRIPTION DEMOLITION (CR)				UNIT	WEIGHED BY	
				CY	GIL	
				IN	OUT	CHECK NO./CHARGE TYPE
					13:52:31	LICENSE NO. AE47751
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY - ROCKVILLE CTR				TOTAL TODAY		
RECEIVED BY				QUANTITY THIS ORDER TODAY 25089		
CARRIER SIGNATURE BROMAN-07-194-ARTIE				LOADS THIS ORDER TODAY 770		
CUSTOMER SIGNATURE				OFFICE USE ONLY		
SEE REVERSE SIDE FOR COLLECTION TERMS						

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3315	OUR TRUCK			OT094241
CUSTOMER NAME BROMAN & SON, INC.						
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE	GROSS	TARE	NET
8/23/02			931			30
MATERIAL DESCRIPTION DEMOLITION (CR)				UNIT	WEIGHED BY	
				CY	GIL	
				IN	OUT	CHECK NO./CHARGE TYPE
					14:00:28	LICENSE NO. QT1865
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY- ROCKVL CTR				TOTAL TODAY		
RECEIVED BY				QUANTITY THIS ORDER TODAY 35005		
CARRIER SIGNATURE BROMAN-15-205-HENRY				LOADS THIS ORDER TODAY 136		
CUSTOMER SIGNATURE				OFFICE USE ONLY		

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110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3306	OUR TRUCK			OT094242
CUSTOMER NAME BROMAN & SON, INC.						
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE	GROSS	TARE	NET
8/23/02			931			30
MATERIAL DESCRIPTION DEMOLITION (CR)				UNIT	WEIGHED BY	
				CY	GIL	
				IN	OUT	CHECK NO./CHARGE TYPE
					14:07:19	LICENSE NO. AE47769206
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY COLLEGE-ROCKVILLE CTR				TOTAL TODAY		
RECEIVED BY				QUANTITY THIS ORDER TODAY 17536		
CARRIER SIGNATURE BROMAN-06-206-ALWAYS IRONMAN				LOADS THIS ORDER TODAY 578		
CUSTOMER SIGNATURE				OFFICE USE ONLY		



110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

EAST COAST GRAPHICS (631) 232-9109

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.				
12659		3301	OUR TRUCK			OT094237				
CUSTOMER NAME BROMAN & SON, INC.										
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE	GROSS			TARE	NET	UNIT	WEIGHED BY
8/23/02			931	IN			OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
MATERIAL DESCRIPTION DEMOLITION (CR)				13:31:24			TT3585			
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY- ROCKVILLE CTR				TOTAL TODAY QUANTITY THIS ORDER TODAY 43121 LOADS THIS ORDER TODAY 386						
RECEIVED BY CARRIER SIGNATURE BROMAN-01-204-PAUL G.				OFFICE USE ONLY						
CUSTOMER SIGNATURE										

SEE REVERSE SIDE FOR COLLECTION TERMS

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110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

EAST COAST GRAPHICS (631) 232-9109

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.				
12659		3322	OUR TRUCK			OT094238				
CUSTOMER NAME BROMAN & SON, INC.										
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE	GROSS			TARE	NET	UNIT	WEIGHED BY
8/23/02			931	IN			OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
MATERIAL DESCRIPTION DEMOLITION (CR)				13:36:21			AC65140			
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY - ROCKVILLE CTR				TOTAL TODAY QUANTITY THIS ORDER TODAY 1950 LOADS THIS ORDER TODAY 65						
RECEIVED BY CARRIER SIGNATURE BROMAN #22-214-JIMMY WILLIAMS				OFFICE USE ONLY						
CUSTOMER SIGNATURE										

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

EAST COAST GRAPHICS (631) 232-9109

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.				
12659		3321	OUR TRUCK			OT094239				
CUSTOMER NAME BROMAN & SON, INC.										
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE	GROSS			TARE	NET	UNIT	WEIGHED BY
8/23/02			931	IN			OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
MATERIAL DESCRIPTION DEMOLITION (CR)				13:42:56			AC65048213			
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY- ROCKVILLE CTR				TOTAL TODAY QUANTITY THIS ORDER TODAY 3240 LOADS THIS ORDER TODAY 108						
RECEIVED BY CARRIER SIGNATURE BROMAN #21-186-AL COBB				OFFICE USE ONLY						
CUSTOMER SIGNATURE										

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

OFFICE COPY

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.										
12659		3315	OUR TRUCK			OT094230										
CUSTOMER NAME BROMAN & SON, INC.																
<table border="1"><thead><tr><th>GROSS</th><th>TARE</th><th>NET</th><th>UNIT</th><th>WEIGHED BY</th></tr></thead><tbody><tr><td></td><td></td><td>30</td><td>CY</td><td>GIL</td></tr></tbody></table>							GROSS	TARE	NET	UNIT	WEIGHED BY			30	CY	GIL
GROSS	TARE	NET	UNIT	WEIGHED BY												
		30	CY	GIL												
<table border="1"><thead><tr><th>DATE</th><th>TAX PERCENTAGE</th><th>TRUCK CODE</th><th>MATERIAL CODE</th></tr></thead><tbody><tr><td>8/23/02</td><td></td><td></td><td>931</td></tr></tbody></table>							DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE	8/23/02			931		
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE													
8/23/02			931													
<table border="1"><thead><tr><th>IN</th><th>OUT</th><th>CHECK NO./CHARGE TYPE</th><th>LICENSE NO.</th></tr></thead><tbody><tr><td></td><td>11:30:11</td><td></td><td>QT1865</td></tr></tbody></table>							IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.		11:30:11		QT1865		
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.													
	11:30:11		QT1865													
MATERIAL DESCRIPTION DEMOLITION (CR)																
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY- ROCKVL CTR																
TOTAL TODAY QUANTITY THIS ORDER TODAY 34975 LOADS THIS ORDER TODAY 135																
RECEIVED BY CARRIER SIGNATURE BROMAN-15-205-HENRY CUSTOMER SIGNATURE SEE REVERSE SIDE FOR COLLECTION TERMS																

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.										
12659		3306	OUR TRUCK			OT094231										
CUSTOMER NAME BROMAN & SON, INC.																
<table border="1"><thead><tr><th>GROSS</th><th>TARE</th><th>NET</th><th>UNIT</th><th>WEIGHED BY</th></tr></thead><tbody><tr><td></td><td></td><td>30</td><td>CY</td><td>GIL</td></tr></tbody></table>							GROSS	TARE	NET	UNIT	WEIGHED BY			30	CY	GIL
GROSS	TARE	NET	UNIT	WEIGHED BY												
		30	CY	GIL												
<table border="1"><thead><tr><th>DATE</th><th>TAX PERCENTAGE</th><th>TRUCK CODE</th><th>MATERIAL CODE</th></tr></thead><tbody><tr><td>8/23/02</td><td></td><td></td><td>931</td></tr></tbody></table>							DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE	8/23/02			931		
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE													
8/23/02			931													
<table border="1"><thead><tr><th>IN</th><th>OUT</th><th>CHECK NO./CHARGE TYPE</th><th>LICENSE NO.</th></tr></thead><tbody><tr><td></td><td>11:35:27</td><td></td><td>AE47769206</td></tr></tbody></table>							IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.		11:35:27		AE47769206		
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.													
	11:35:27		AE47769206													
MATERIAL DESCRIPTION DEMOLITION (CR)																
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY COLLEGE-ROCKVILLE CTR																
TOTAL TODAY QUANTITY THIS ORDER TODAY 17506 LOADS THIS ORDER TODAY 577																
RECEIVED BY CARRIER SIGNATURE BROMAN-06-206-ALWAYS IRONMAN CUSTOMER SIGNATURE																

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.										
12659		3323	OUR TRUCK			OT094233										
CUSTOMER NAME BROMAN & SON, INC.																
<table border="1"><thead><tr><th>GROSS</th><th>TARE</th><th>NET</th><th>UNIT</th><th>WEIGHED BY</th></tr></thead><tbody><tr><td></td><td></td><td>30</td><td>CY</td><td>GIL</td></tr></tbody></table>							GROSS	TARE	NET	UNIT	WEIGHED BY			30	CY	GIL
GROSS	TARE	NET	UNIT	WEIGHED BY												
		30	CY	GIL												
<table border="1"><thead><tr><th>DATE</th><th>TAX PERCENTAGE</th><th>TRUCK CODE</th><th>MATERIAL CODE</th></tr></thead><tbody><tr><td>8/23/02</td><td></td><td></td><td>931</td></tr></tbody></table>							DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE	8/23/02			931		
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE													
8/23/02			931													
<table border="1"><thead><tr><th>IN</th><th>OUT</th><th>CHECK NO./CHARGE TYPE</th><th>LICENSE NO.</th></tr></thead><tbody><tr><td></td><td>11:59:15</td><td></td><td>AE41700203</td></tr></tbody></table>							IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.		11:59:15		AE41700203		
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.													
	11:59:15		AE41700203													
MATERIAL DESCRIPTION DEMOLITION (CR)																
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR																
TOTAL TODAY QUANTITY THIS ORDER TODAY 5250 LOADS THIS ORDER TODAY 175																
RECEIVED BY CARRIER SIGNATURE BROMAN #23-203-JOHN J. CUSTOMER SIGNATURE																

SEE REVERSE SIDE FOR COLLECTION TERMS

OFFICE COPY

TELEPHONES

110 Sand Company170 Cabot Street
West Babylon, New York 11704Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

EAST COAST GRAPHICS (631) 225-9108

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3305	OUR TRUCK			OT094271

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

DELIVERY ADDRESS
PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR

RECEIVED BY
BROMAN-05-185-BILL P.

CARRIER SIGNATURE _____

CUSTOMER SIGNATURE _____

☐ SEE REVERSE SIDE FOR COLLECTION TERMS

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	20:46:12		348672	

TOTAL TODAY
QUANTITY THIS ORDER TODAY 19934
LOADS THIS ORDER TODAY 589
OFFICE USE ONLY

OFFICE COPY

TELEPHONES

110 Sand Company170 Cabot Street
West Babylon, New York 11704Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

EAST COAST GRAPHICS (631) 225-9108

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3305	OUR TRUCK			OT094272

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

DELIVERY ADDRESS
PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR

RECEIVED BY
BROMAN-05-185-BILL P.

CARRIER SIGNATURE _____

CUSTOMER SIGNATURE _____

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	20:46:16		348672	

TOTAL TODAY
QUANTITY THIS ORDER TODAY 19964
LOADS THIS ORDER TODAY 590
OFFICE USE ONLY



110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

EAST COAST GRAPHICS (631) 232-9109

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3306	OUR TRUCK			OT094268

CUSTOMER NAME
BROMAN & SON, INC.

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	20:45:39		AE47769206

DELIVERY ADDRESS
PHOENIX ENVIRO MOLLOY COLLEGE-ROCKVILLE CTR

RECEIVED BY

TOTAL TODAY
QUANTITY THIS ORDER TODAY 17596
LOADS THIS ORDER TODAY 580

OFFICE USE ONLY

CARRIER SIGNATURE **BROMAN-06-206-ALWAYS IRONMAN**

CUSTOMER SIGNATURE

SEE REVERSE SIDE FOR COLLECTION TERMS

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

EAST COAST GRAPHICS (631) 232-9109

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3307	OUR TRUCK			OT094269

CUSTOMER NAME
BROMAN & SON, INC.

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	20:45:44		AE47751

DELIVERY ADDRESS
PHOENIX ENVIRO MOLLOY - ROCKVILLE CTR

RECEIVED BY

TOTAL TODAY
QUANTITY THIS ORDER TODAY 25149
LOADS THIS ORDER TODAY 772

OFFICE USE ONLY

CARRIER SIGNATURE **BROMAN-07-194-ARTIE**

CUSTOMER SIGNATURE

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

EAST COAST GRAPHICS (631) 232-9109

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3307	OUR TRUCK			OT094270

CUSTOMER NAME
BROMAN & SON, INC.

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	20:45:48		AE47751

DELIVERY ADDRESS
PHOENIX ENVIRO MOLLOY - ROCKVILLE CTR

RECEIVED BY

TOTAL TODAY
QUANTITY THIS ORDER TODAY 25179
LOADS THIS ORDER TODAY 773

OFFICE USE ONLY

CARRIER SIGNATURE **BROMAN-07-194-ARTIE**

CUSTOMER SIGNATURE

OFFICE COPY

TELEPHONES

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3304	OUR TRUCK			OT094262

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

DELIVERY ADDRESS
PHOENIX ENVIRO MOOLY-ROCKVILLE CTR

RECEIVED BY

CARRIER SIGNATURE
BROMAN-04-184-SAL

CUSTOMER SIGNATURE

SEE REVERSE SIDE FOR COLLECTION TERMS

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	20:42:48		184

TOTAL TODAY
QUANTITY THIS ORDER TODAY 13751
LOADS THIS ORDER TODAY 426

OFFICE USE ONLY

OFFICE COPY

TELEPHONES

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3304	OUR TRUCK			OT094263

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

DELIVERY ADDRESS
PHOENIX ENVIRO MOOLY-ROCKVILLE CTR

RECEIVED BY

CARRIER SIGNATURE
BROMAN-04-184-SAL

CUSTOMER SIGNATURE

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	20:42:55		184

TOTAL TODAY
QUANTITY THIS ORDER TODAY 13781
LOADS THIS ORDER TODAY 427

OFFICE USE ONLY

OFFICE COPY

TELEPHONES

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3306	OUR TRUCK			OT094267

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION
DEMOLITION (CR)

DELIVERY ADDRESS
PHOENIX ENVIRO MOLLOY COLLEGE-ROCKVILLE CTR

RECEIVED BY

CARRIER SIGNATURE
BROMAN-06-206-ALWAYS IRONMAN

CUSTOMER SIGNATURE

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	20:45:31		AE47769206

TOTAL TODAY
QUANTITY THIS ORDER TODAY 17566
LOADS THIS ORDER TODAY 579

OFFICE USE ONLY

OFFICE COPY

TELEPHONES

110 Sand Company170 Cabot Street
West Babylon, New York 11704Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3323	OUR TRUCK			0T094266

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION **DEMOLITION (CR)**

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	20:43:38		AE41700203

DELIVERY ADDRESS	
PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR	

RECEIVED BY
BROMAN #23-203-JOHN J.

CARRIER SIGNATURE _____

CUSTOMER SIGNATURE _____

SEE REVERSE SIDE FOR COLLECTION TERMS

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	5310
LOADS THIS ORDER TODAY	177

OFFICE USE ONLY

OFFICE COPY

TELEPHONE

110 Sand Company170 Cabot Street
West Babylon, New York 11704Office - 631-249-
Scalehouse - 631-694-
Landfill - 631-694-

#0T094265

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER
12659		3302	OUR TRUCK		

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			901

MATERIAL DESCRIPTION **NON-RECYCLABLE MIXED (C)**

GROSS	TARE	NET
		30

IN	OUT	CHECK NO./CHA
	20:43:32	

DELIVERY ADDRESS	
PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR	

RECEIVED BY
BROMAN-02-191-TODD

CARRIER SIGNATURE _____

CUSTOMER SIGNATURE _____

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	
LOADS THIS ORDER TODAY	

OFFICE USE ONLY

OFFICE COPY

TELEPHONES

110 Sand Company170 Cabot Street
West Babylon, New York 11704Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3304	OUR TRUCK			0T094264

CUSTOMER NAME
BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/26/02			931

MATERIAL DESCRIPTION **DEMOLITION (CR)**

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	20:43:03		184

DELIVERY ADDRESS	
PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR	

RECEIVED BY
BROMAN-04-184-SAL

CARRIER SIGNATURE _____

CUSTOMER SIGNATURE _____

SEE REVERSE SIDE FOR COLLECTION TERMS

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	13811
LOADS THIS ORDER TODAY	428

OFFICE USE ONLY

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO. 12659	P.O. NUMBER	TRUCK NO. 3315	TYPE OF SALE OUR TRUCK	JOB NO.	OUR ORDER NUMBER	TICKET NO. OT094344
CUSTOMER NAME BROMAN & SON, INC.			GROSS		TARE	NET 30
			UNIT		WEIGHED BY CY GIL	
DATE 8/29/02	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE 911	IN	OUT	CHECK NO./CHARGE TYPE
MATERIAL DESCRIPTION TREES / BRUSH (CR)				9:02:42		LICENSE NO. QT1865
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR			TOTAL TODAY			
			QUANTITY THIS ORDER TODAY		35335	
			LOADS THIS ORDER TODAY		147	
RECEIVED BY			OFFICE USE ONLY			
CARRIER SIGNATURE BROMAN-15-205-SWEEPER						
CUSTOMER SIGNATURE						
SEE REVERSE SIDE FOR COLLECTION TERMS						

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO. 12659	P.O. NUMBER	TRUCK NO. 3315	TYPE OF SALE OUR TRUCK	JOB NO.	OUR ORDER NUMBER	TICKET NO. OT094386
CUSTOMER NAME BROMAN & SON, INC.			GROSS		TARE	NET 30
			UNIT		WEIGHED BY CY GIL	
DATE 8/29/02	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE 911	IN	OUT	CHECK NO./CHARGE TYPE
MATERIAL DESCRIPTION TREES / BRUSH (CR)				12:45:13		LICENSE NO. QT1865
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR			TOTAL TODAY			
			QUANTITY THIS ORDER TODAY		35365	
			LOADS THIS ORDER TODAY		148	
RECEIVED BY			OFFICE USE ONLY			
CARRIER SIGNATURE BROMAN-15-205-SWEEPER						
CUSTOMER SIGNATURE						
SEE REVERSE SIDE FOR COLLECTION TERMS						

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3323	OUR TRUCK			OT094328
CUSTOMER NAME BROMAN & SON, INC.						
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE			
8/28/02			931			
MATERIAL DESCRIPTION DEMOLITION (CR)						
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR						
RECEIVED BY BROMAN #23-203-JOHN J.						
CARRIER SIGNATURE _____						
CUSTOMER SIGNATURE _____						
SEE REVERSE SIDE FOR COLLECTION TERMS						

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	15:05:18		AE41700203	

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	5430
LOADS THIS ORDER TODAY	181
OFFICE USE ONLY	

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3321	OUR TRUCK			OT094325
CUSTOMER NAME BROMAN & SON, INC.						
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE			
8/28/02			931			
MATERIAL DESCRIPTION DEMOLITION (CR)						
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY -ROCKVILLE CENTER						
RECEIVED BY						
CARRIER SIGNATURE BROMAN #21-186-AL COBB						
CUSTOMER SIGNATURE _____						
SEE REVERSE SIDE FOR COLLECTION TERMS						

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	14:27:25		AC65048213	

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	3360
LOADS THIS ORDER TODAY	112
OFFICE USE ONLY	

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3320	OUR TRUCK			OT094323
CUSTOMER NAME BROMAN & SON, INC.						
DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE			
8/28/02			931			
MATERIAL DESCRIPTION DEMOLITION (CR)						
DELIVERY ADDRESS PHOENIX ENVIRO MOLLOY ROCKVILLE CTR						
RECEIVED BY						
CARRIER SIGNATURE BROMAN#20-212-SLICK						
CUSTOMER SIGNATURE _____						
SEE REVERSE SIDE FOR COLLECTION TERMS						

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	14:08:54		AE47775	

TOTAL TODAY	
QUANTITY THIS ORDER TODAY	16640
LOADS THIS ORDER TODAY	546
OFFICE USE ONLY	

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3320	OUR TRUCK			OT094331

CUSTOMER NAME

BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/28/02			911

MATERIAL DESCRIPTION
TREES / BRUSH (CR)

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	16:22:24		AE47775	

DELIVERY ADDRESS
PHOENIX ENVIRO MOOLY ROCKVILLE CTR

RECEIVED BY

CARRIER SIGNATURE BROMAN#20-212-SLICK

CUSTOMER SIGNATURE

SEE REVERSE SIDE FOR COLLECTION TERMS

TOTAL TODAY
QUANTITY THIS ORDER TODAY 16670
LOADS THIS ORDER TODAY 547

OFFICE USE ONLY

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3321	OUR TRUCK			OT094332

CUSTOMER NAME

BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/28/02			911

MATERIAL DESCRIPTION
TREES / BRUSH (CR)

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	16:22:33		AC65048213	

DELIVERY ADDRESS
PHOENIX ENVIRO MOLLOY - ROCKVILLE CENTER

RECEIVED BY

CARRIER SIGNATURE BROMAN #21-186-AL COBB

CUSTOMER SIGNATURE

SEE REVERSE SIDE FOR COLLECTION TERMS

TOTAL TODAY
QUANTITY THIS ORDER TODAY 3390
LOADS THIS ORDER TODAY 113

OFFICE USE ONLY

OFFICE COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

TELEPHONES

Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
12659		3315	OUR TRUCK			OT094329

CUSTOMER NAME

BROMAN & SON, INC.

DATE	TAX PERCENTAGE	TRUCK CODE	MATERIAL CODE
8/28/02			911

MATERIAL DESCRIPTION
TREES / BRUSH (CR)

GROSS	TARE	NET	UNIT	WEIGHED BY
		30	CY	GIL
IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.	
	15:25:25		QT1865	

DELIVERY ADDRESS
PHOENIX ENVIRO MOLLOY-ROCKVILLE CTR

RECEIVED BY

CARRIER SIGNATURE BROMAN-15-205-HENRY

CUSTOMER SIGNATURE

SEE REVERSE SIDE FOR COLLECTION TERMS

TOTAL TODAY
QUANTITY THIS ORDER TODAY 35305
LOADS THIS ORDER TODAY 146

OFFICE USE ONLY

EAST COAST GRAPHICS (831) 232-9109

EAST COAST GRAPHICS (831) 232-9109

EAST COAST GRAPHICS (831) 232-9109

APPENDIX C

GEOTECHNICAL TESTING RESULTS

CONCRETE TICKETS

CROSS READY MIX, INC.

BOX 323 GRAND BLVD.
WESTBURY, N.Y. 11590

Tel. (516) 997-2600 Date 3/12/03 20

Name Dunfermlin

Address Malloy College
Rockville Centre

CU. YDS.	TYPE MIX	GRAVEL	GRIT	STONE	SAND
	2000			✓	
	2500				
	3000				
	3500				
7	4000				
	CL A				
	CL B				
	CALCIUM CHLORIDE				
	HOURS TRUCK HIRE				
CONCRETE RECEIVED BY					

TIME ARRIVED AT JOB A. M. P. M. TIME LEFT JOB A. M. P. M.

TRUCKS DRIVEN OVER SIDEWALKS ONLY AT CUSTOMER'S DIRECTION AND RISK

CHECK THIS MATERIAL before converting as no claims are allowed after dumping.

LEMARK ADVERTISING, LTD. (916) 763-8222 11857-BS

M 2851

CROSS READY MIX, INC.

BOX 323 GRAND BLVD.
WESTBURY, N.Y. 11590

Tel. (516) 997-2600 Date 3/12/03 20

Name Dunfermlin

Address Malloy College
Rockville Centre

CU. YDS.	TYPE MIX	GRAVEL	GRIT	STONE	SAND
	2000			✓	
	2500				
	3000				
	3500				
12	4000				
	CL A				
	CL B				
	CALCIUM CHLORIDE				
	HOURS TRUCK HIRE				
CONCRETE RECEIVED BY					

TIME ARRIVED AT JOB A. M. P. M. TIME LEFT JOB A. M. P. M.

TRUCKS DRIVEN OVER SIDEWALKS ONLY AT CUSTOMER'S DIRECTION AND RISK

CHECK THIS MATERIAL before converting as no claims are allowed after dumping.

LEMARK ADVERTISING, LTD. (916) 763-8222 11857-BS

M 2837

CROSS READY MIX, INC.

**BOX 323 GRAND BLVD.
WESTBURY, N.Y. 11590**

Tel. **(516) 997-2600**

Name Christa Dulem

Address Franklin D. Roosevelt

CU. YDS.	TYPE MIX	GRAVEL	GRIT	STONE	SAND
	2000			LB. SAND	13 1/5
	2500			LB. GRAVEL	
	3000			LB. STONE	17 1/2
12	3500			LB. CEMENT	6 1
	4000			GAL. WATER	
	CL A			A/E	5.3
	CL B			WRDA	
	CALCIUM CHLORIDE			POZZ	
	HOURS TRUCK HIRE			DARCEM (S/P)	
					MINA 18.3
					Plaster 98

CONCRETE
 RECEIVED BY

	TIME	
	A. M.	P. M.
ARRIVED AT JOB		
LEFT JOB		
	A. M.	P. M.

**TRUCKS DRIVEN OVER SIDEWALKS ONLY
AT CUSTOMER'S DIRECTION AND RISK**

TOTAL YARDS

CHECK THIS MATERIAL before converting as no claims are allowed after dumping.

LEMARK ADVERTISING, LTD. (516) 783-8222 11157-89

M 3196

CROSS READY MIX, INC.

**BOX 323 GRAND BLVD.
WESTBURY, N.Y. 11590**

Tel. (516) 997-2600
 Date 3/20/03 20

Name Durbin

Address Franklin Cleaners

CU. YDS.	TYPE MIX	GRAVEL	GRIT	STONE	SAND
	2000		LB. SAND	1315	
	2500		LB. GRAVEL		
	3000		LB. STONE	1750	
	3500		LB. CEMENT	611	
	4000		GAL. WATER		
12	CL A		A/E	5.3	
	CL B		WRDA		
	CALCIUM CHLORIDE		POZZ		
	HOURS TRUCK HIRE		DARACEM (S/P)		
CONCRETE					

RECEIVED BY		TIME ARRIVED AT JOB		TIME LEFT JOB		A. M. P. M.

**TRUCKS DRIVEN OVER SIDEWALKS ONLY
AT CUSTOMER'S DIRECTION AND RISK.**

**TOTAL YARDS
ON JOB**

CHECK THIS MATERIAL before converting as no claims are allowed after dumping

LEMARK ADVERTISING, LTD. (516) 763-8222

M 3197



SEVILLE CENTRAL MIX, CORP.

MAILING ADDRESS:
157 ALBANY AVENUE
FREEPORT, N.Y. 11520
(516) 293-6190

CUSTOMER

OLD BETHPAGE 293-6190
CEDARHURST 239-8333
HOLTSVILLE 289-3508

PLANT CODE	C1-20311	DATE	04/16/03	SOLD TO	URS CORP.	201 WILLOWBROOK BLVD	WAYNE	NJ 07470-4290					
CENTRAL MIX	<input checked="" type="checkbox"/>	TRUCK MIX	<input checked="" type="checkbox"/>	PICKUP	<input checked="" type="checkbox"/>	DELIVERY	<input checked="" type="checkbox"/>	SLUMP	3.0	TICKET REF. NO.	33078	ORDER#	309
DRIVER	Anthony Per			TRUCK NO.	94			ACCOUNT NO.	UR079				

AUTHORIZATION TO ADD WATER
BY: *[Signature]*
The seller will not assume any responsibility for strength of concrete if water is added to the concrete on the job by the purchaser.

LEFT PLANT	ARRIVED JOB	STARTED POUR	FINISHED POUR	LEFT JOB	ARRIVED PLANT	ELAPSED TIME

SHIPPED TO

MILROY COLLEGE RUE

PRODUCT NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
40061	4000# STONE COMMERCIAL	CY	7.00		
TOTAL ORDERED				YARDS TO DAY	7.00
TOTAL ORDERED				COLLECT GRAND TOTAL	998
TOTAL ORDERED				TAX	
TOTAL ORDERED				TOTAL	

CONTROLLED CONCRETE WEIGHTS PER YD.

CEMENT	_____ LBS.
COARSE AGG	_____ LBS.
FINE AGG	_____ LBS.
GALS WATER/YD	_____

TO PRODUCE LB. CONCRETE
NOT RESPONSIBLE FOR VARIANCE IN COLOR
SUBJECT TO CONDITIONS ON REVERSE SIDE

CAUTION: FRESHLY MIXED CEMENT, MORTAR, GROUT OR CONCRETE MAY CAUSE A SEVERE SKIN IRRITATION AND BURNS ON CONTACT. DO NOT GET ON EYES OR IN MOUTH. IF CONTACTED WITH SKIN, IF POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER. IF CONTACTED WITH EYES, GET INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL ATTENTION. KEEP CEMENT AND FRESHLY MIXED CEMENT PRODUCTS OUT OF THE REACH OF CHILDREN.

SLIP NO.

C03192

CONCRETE COMPRESSION CYLINDER TEST RESULTS

SUMMARY OF LABORATORY
TEST RESULTS FOR CONCRETE

PROJECT: Franklin Cleaners Site

W.O. #: 3661.01

LOCATION: Molloy College, Hempstead, NY

CLIENT: Dvirka & Bartilucci Consult. Eng.

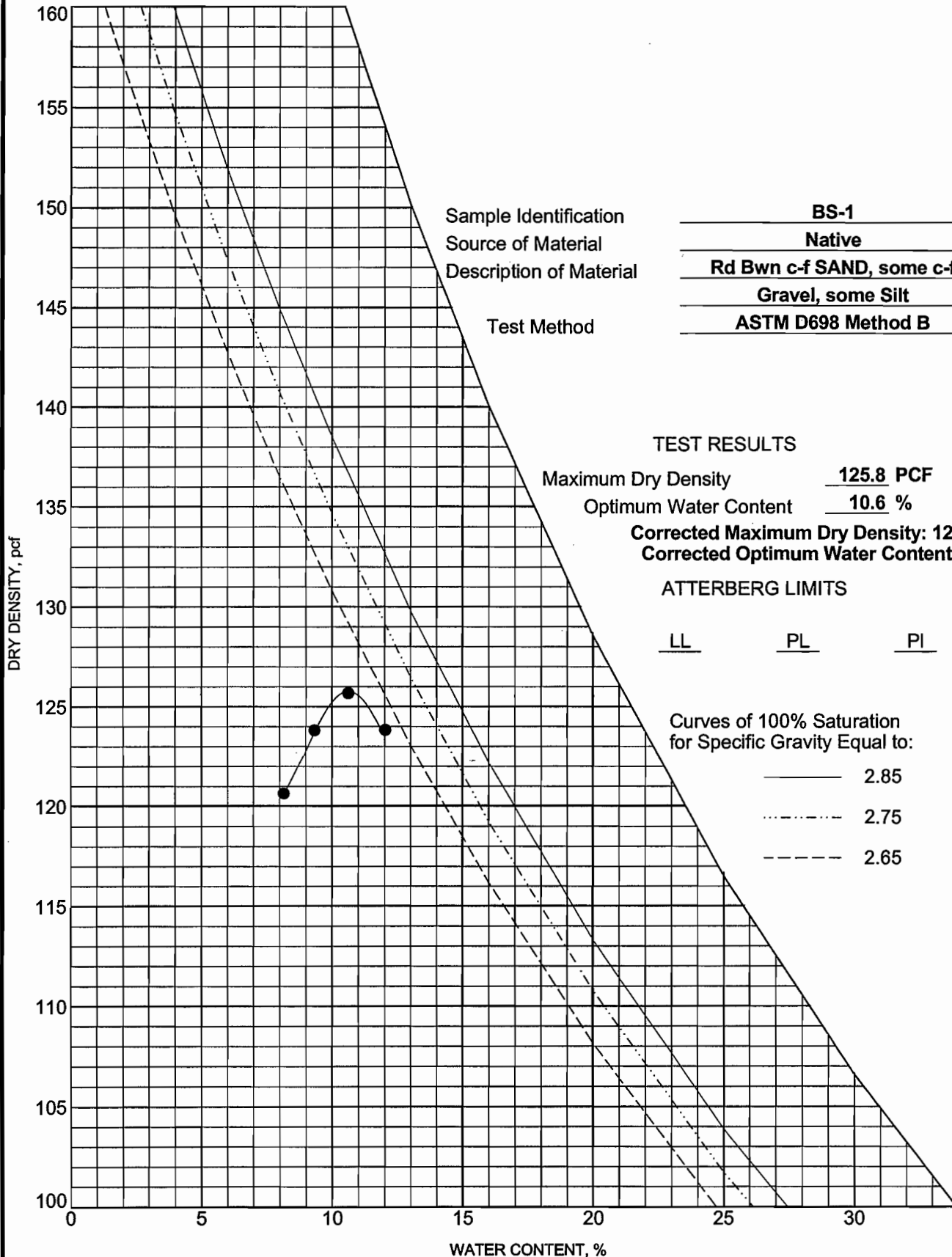
DATE: May 16, 2003

CYLINDER ID.		Sample Size (Dia. x L) Inches	Slump (in.)	Air (%)	Samp Temp (°F)	Unit Wt. (lbs/ft ³)	Total Pour (Yd ³)	Date Tested	Age at Test (Days)	Test Strength (PSI)	Spec. Strength (PSI)	% Req. Strength	Location in Structure	Remarks
Date Cast	Lab. Sample #	Type of Sample												
3/12/03	03-1084	1 Concrete	6.00 x 12.00	3.00	5.10	63.0	152.8	3/17/03	5	3,660	4000	92%	Treatment System Bldg. Footings	
3/12/03	03-1085	1 Concrete	6.00 x 12.00	3.00	5.10	63.0	150.2	3/17/03	5	3,520	4000	88%	Treatment System Bldg. Footings	
3/12/03	03-1086	1 Concrete	6.00 x 12.00	3.00	5.10	63.0	150.2	4/9/03	28	5,780	4000	100(+)	Treatment System Bldg. Footings	
3/12/03	03-1087	1 Concrete	6.00 x 12.00	3.00	5.10	63.0	150.2	4/9/03	28	5,200	4000	100(+)	Treatment System Bldg. Footings	
3/12/03	03-1088	1 Concrete	6.00 x 12.00	3.00	5.10	63.0	150.2	4/9/03	28	5,820	4000	100(+)	Treatment System Bldg. Footings	
3/12/03	03-1089	1 Concrete	6.00 x 12.00	3.00	5.10	63.0	150.2	4/9/03	28	5,980	4000	100(+)	Treatment System Bldg. Footings	
								28 Day Avg.		5,690				
3/20/03	03-1401	1 Concrete	6.00 x 12.00	5.00	3.60	64.0	150.4	3/25/03	5	3,680	4000	92%	Treatment System Bldg. Walls	
3/20/03	03-1402	1 Concrete	6.00 x 12.00	5.00	3.60	64.0	149.4	3/25/03	5	3,680	4000	92%	Treatment System Bldg. Walls	
3/20/03	03-1403	1 Concrete	6.00 x 12.00	5.00	3.60	64.0	149.4	3/27/03	7	3,730	4000	93%	Treatment System Bldg. Walls	
3/20/03	03-1404	1 Concrete	6.00 x 12.00	5.00	3.60	64.0	149.4	4/17/03	28	5,450	4000	100(+)	Treatment System Bldg. Walls	
3/20/03	03-1405	1 Concrete	6.00 x 12.00	5.00	3.60	64.0	149.4	4/17/03	28	5,590	4000	100(+)	Treatment System Bldg. Walls	
3/20/03	03-1406	1 Concrete	6.00 x 12.00	5.00	3.60	64.0	149.4	4/17/03	28	5,360	4000	100(+)	Treatment System Bldg. Walls	
								28 Day Avg.		5,470				
4/16/03	03-2198	1 Concrete	6.00 x 12.00	5.00	4.10	81.0	144.6	4/23/03	7	2,780	4000	70%	Treatment System Bldg. Slab on Grade	
4/16/03	03-2199	1 Concrete	6.00 x 12.00	5.00	4.10	81.0	144.6	4/23/03	7	2,950	4000	74%	Treatment System Bldg. Slab on Grade	
4/16/03	03-2200	1 Concrete	6.00 x 12.00	5.00	4.10	81.0	144.6	5/14/03	28	4,280	4000	100(+)	Treatment System Bldg. Slab on Grade	
4/16/03	03-2201	1 Concrete	6.00 x 12.00	5.00	4.10	81.0	144.6	5/14/03	28	4,000	4000	100%	Treatment System Bldg. Slab on Grade	
								28 Day Avg.		4,140				

REVIEWED BY :

MOISTURE DENSITY RELATIONSHIP & GRAIN SIZE DISTRIBUTION

SAMPLE ID	DESCRIPTION
BS-1	ON-SITE MATERIAL EXCAVATION BUILDING FOUNDATION
BS-2	ON-SITE MATERIAL EXCAVATION FORCE MAIN 1 TO 4 FEET DEEP
BS-3	OFF-SITE FILL MATERIAL 110 SAND "STATE SAND"
RCA	OFF-SITE RCA MATERIAL AL JAM CONSTRUX (08/23/02)
RCA-1	OFF-SITE RCA MATERIAL AL JAM CONSTRUX (07/07/03)



COMPACTION 3661.01.GPJ TECTONIC ENG.GDT 3/27/03

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.

2570 Route 9W
Cornwall, NY 12518
Telephone: (845) 534-3450

Fax: (845) 534-3556

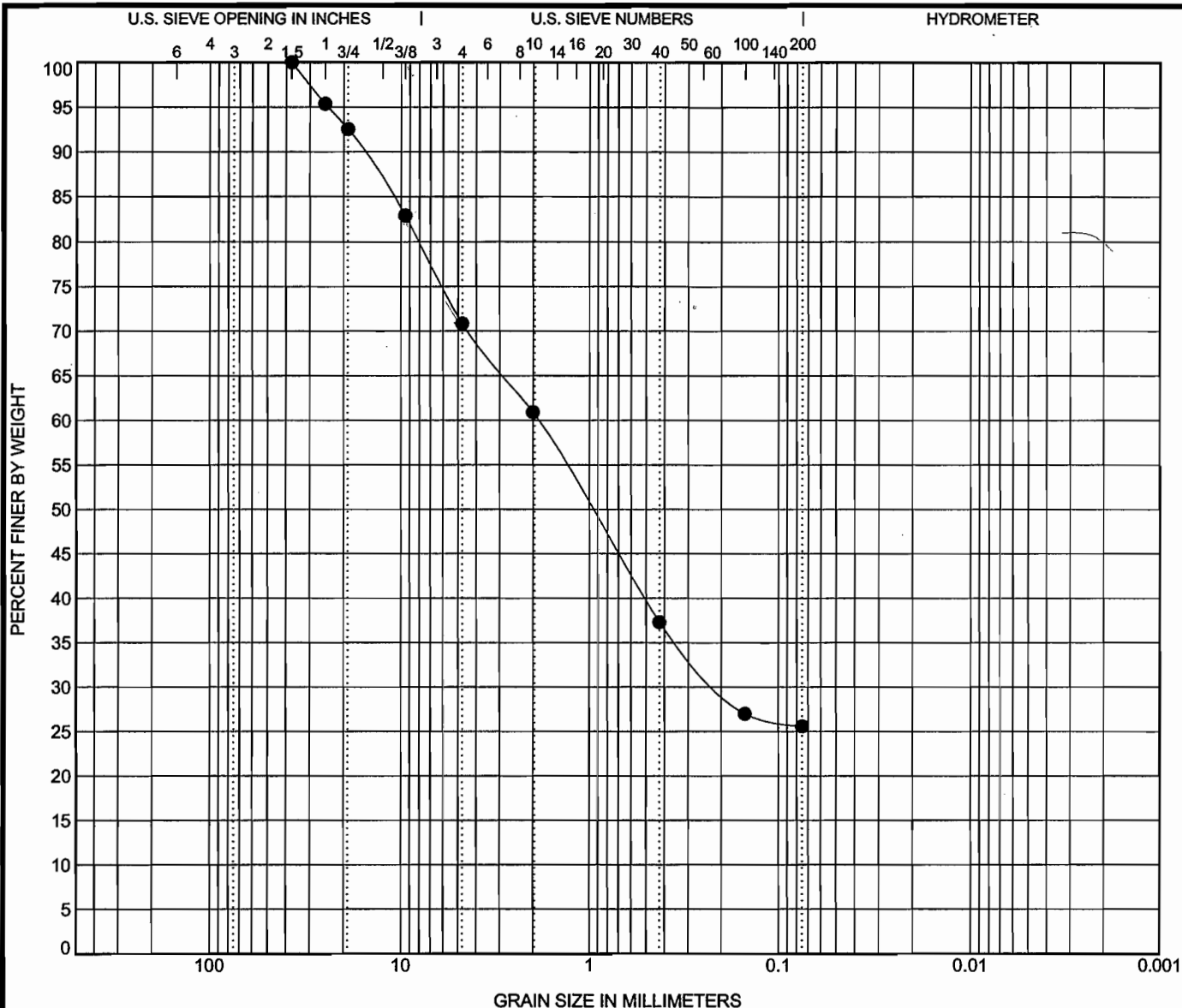
MOISTURE-DENSITY RELATIONSHIP

Project No: 3661.01

Date: 3/27/03

Project: Franklin Cleaners

Location:



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Sample Identification	Classification	WC%	LL	PL	PI	Cc	Cu
● BS-1	Rd Bwn c-f SAND, some c-f Gravel, some Silt	9.7					

Sample Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	Source of Material
● BS-1	37.5	1.883	0.203		29.2	45.3	25.6		Native

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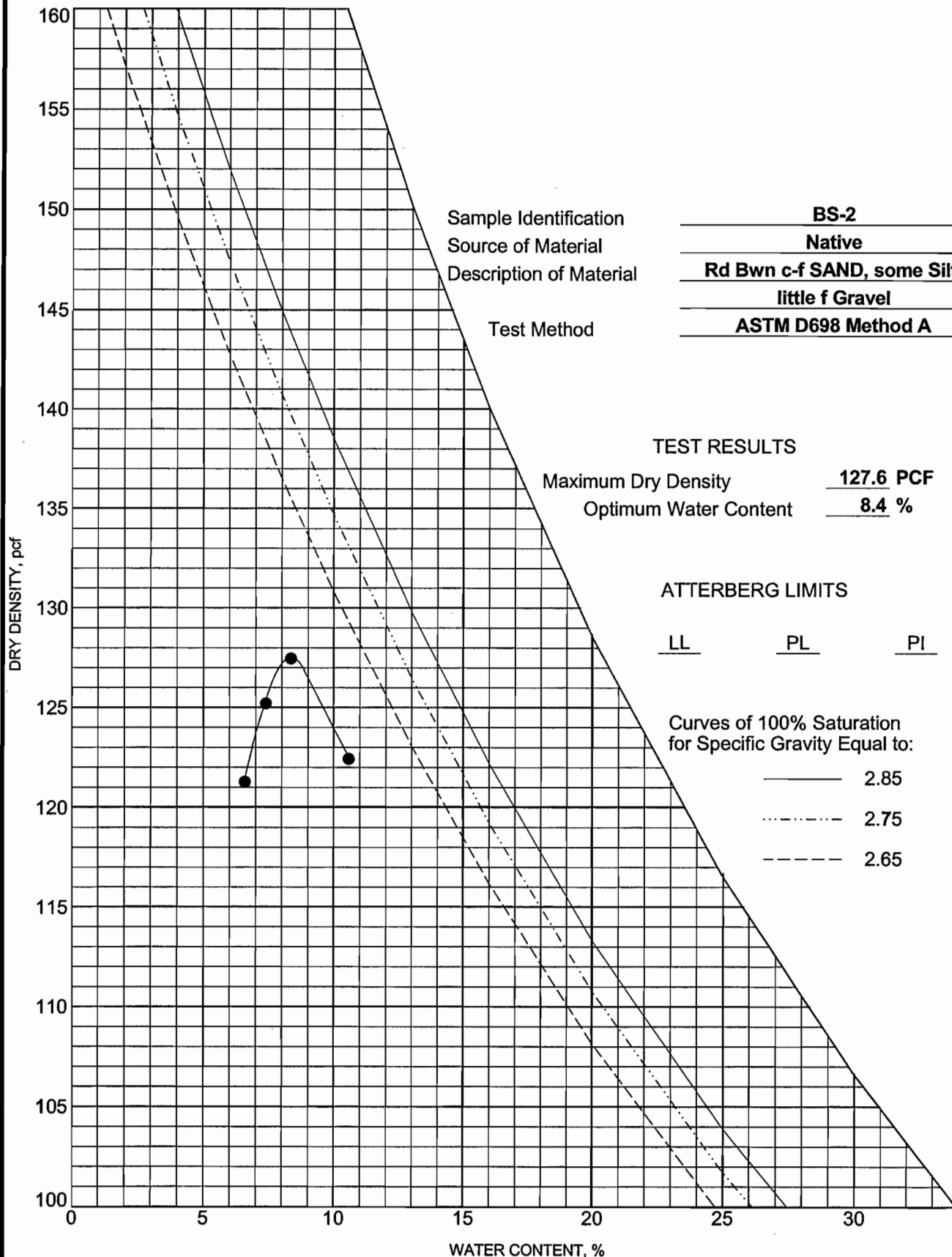
GRAIN SIZE DISTRIBUTION

Project No: 3661.01

Date: 3/26/03

Project: Franklin Cleaners

Location:



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Fax: (854) 534-3556

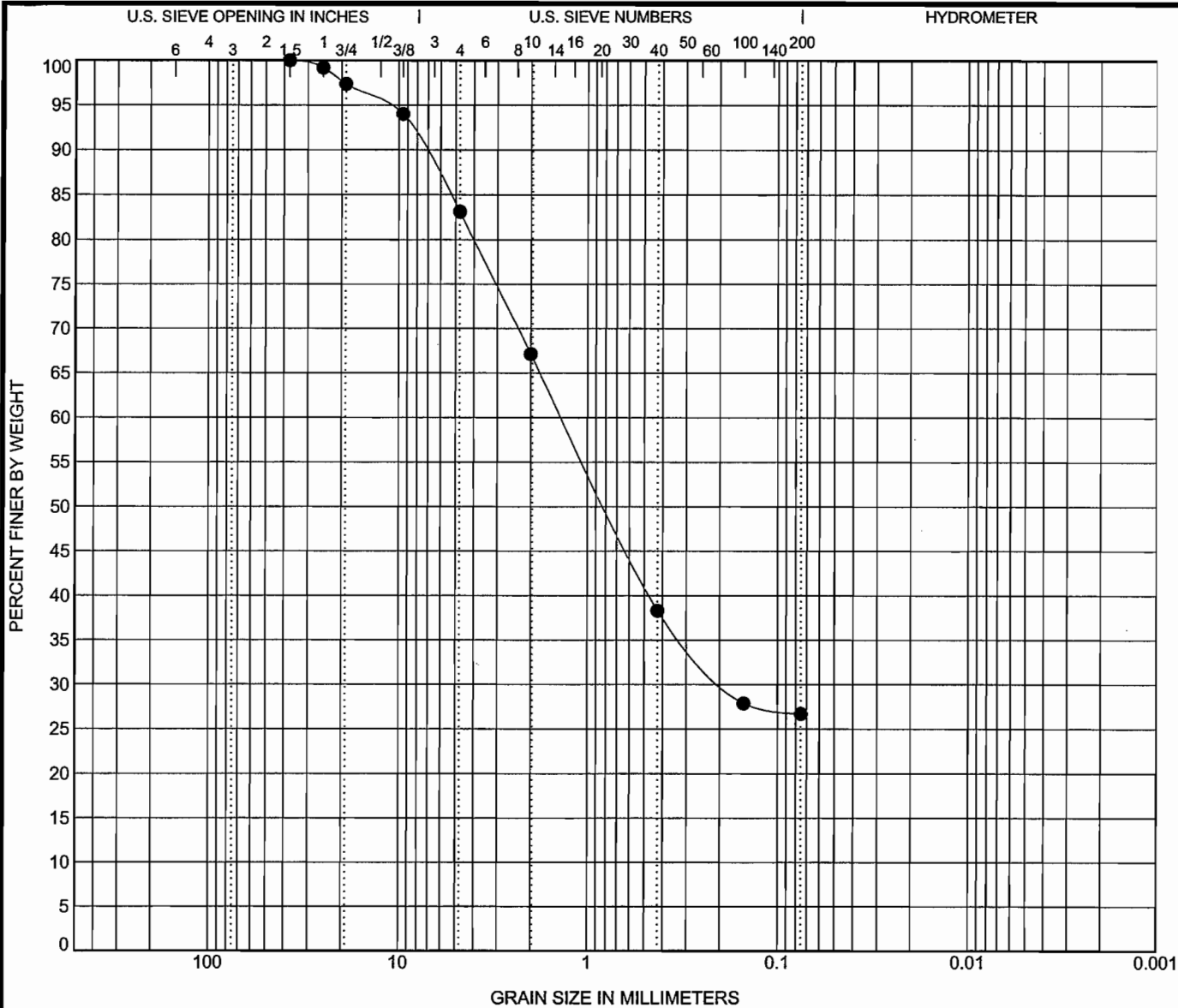
MOISTURE-DENSITY RELATIONSHIP

Project No: 3661.01

Date: 3/31/03

Project: Franklin Cleaners

Location:



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

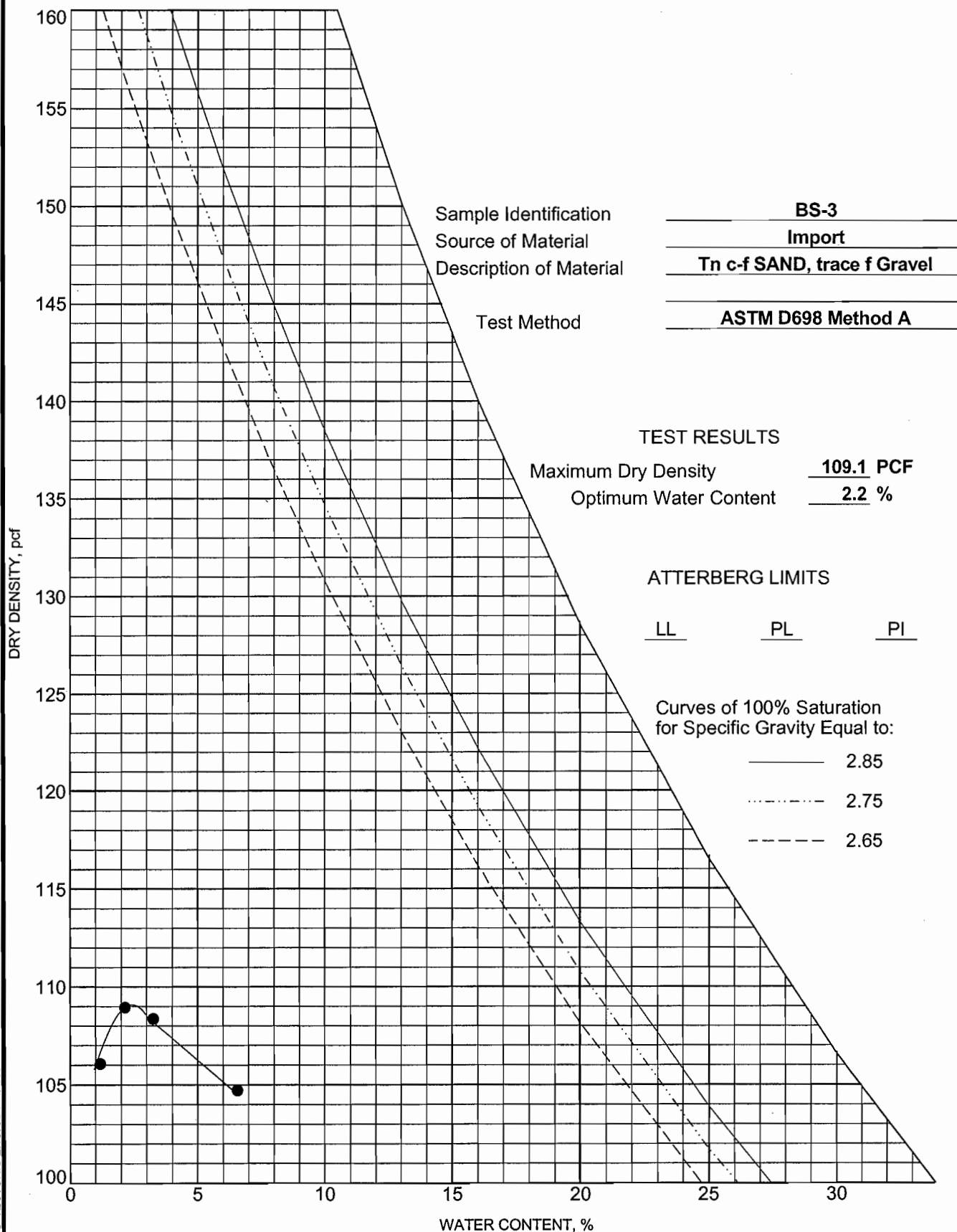
Sample Identification	Classification	WC%	LL	PL	PI	Cc	Cu
● BS-2	Rd Bwn c-f SAND, some Silt, little f Gravel	11.7					

Sample Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	Source of Material
● BS-2	37.5	1.364	0.185		16.9	56.4	26.7		Native

GRAIN SIZE DISTRIBUTION 3661.01.GPJ TECTONIC ENG.GDT 3/27/03

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CONSULTANTS P.C.
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Cornwall, NY 12518
Telephone: (845) 534-3450 Fax: (854) 534-3556

GRAIN SIZE DISTRIBUTION
Project No: 3661.01 Date: 3/27/03
Project: Franklin Cleaners
Location:



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CONSULTANTS P.C.

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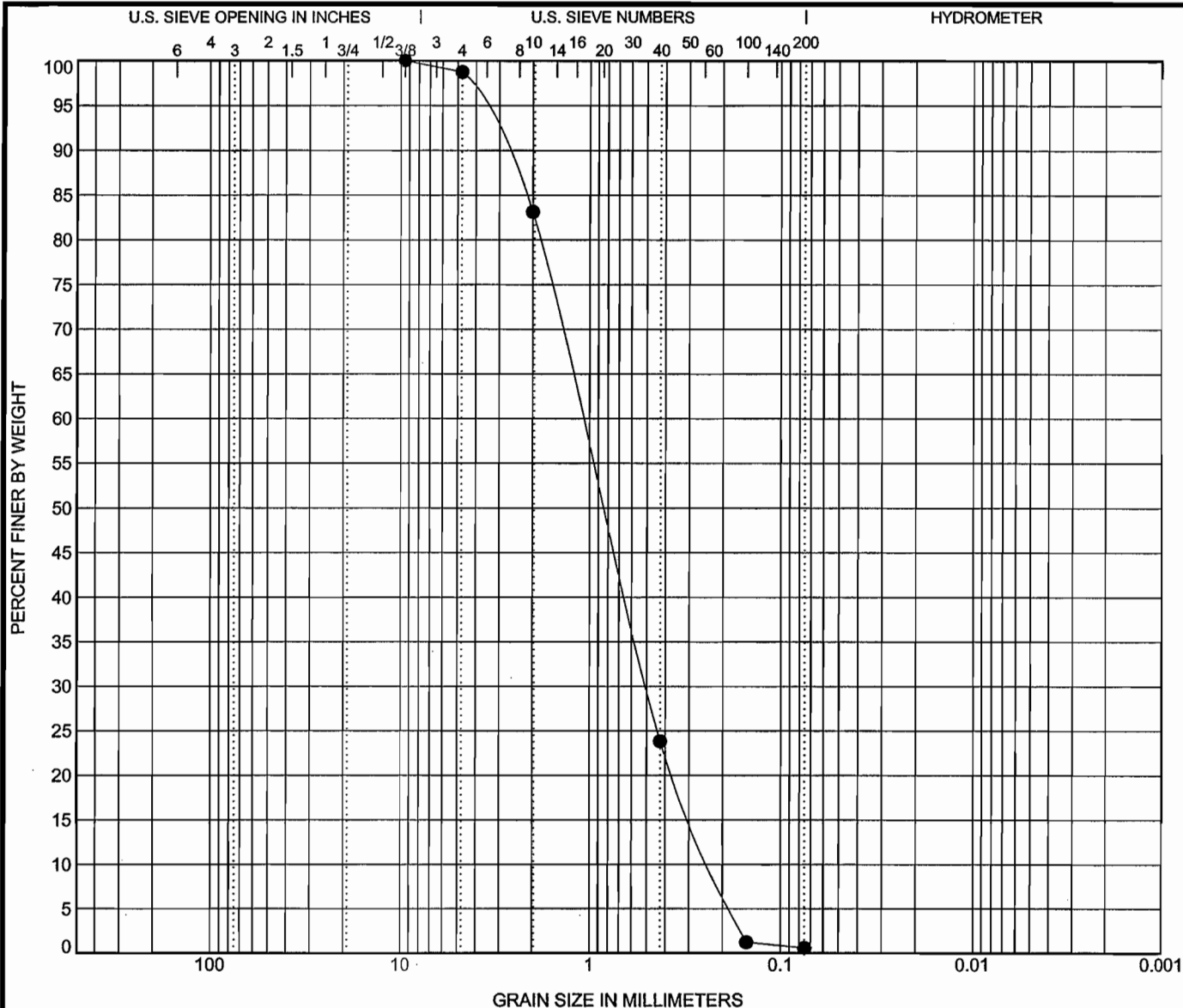
MOISTURE-DENSITY RELATIONSHIP

Project No: 3661.01

Date: 4/1/03

Project: Franklin Cleaners

Location:



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Sample Identification	Classification	WC%	LL	PL	PI	Cc	Cu
● BS-3	Tn c-f SAND, trace f Gravel	3.4				1.01	4.86

Sample Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	Source of Material
● BS-3	9.5	1.093	0.499	0.225	1.2	98.2	0.6		Import

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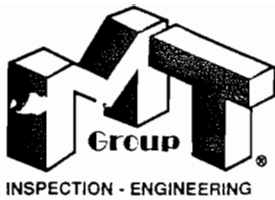
GRAIN SIZE DISTRIBUTION

Project No: 3661.01

Date: 3/28/03

Project: Franklin Cleaners

Location:



Materials Testing Lab Inc., A Member of The MT Group • www.materials-testing.com

Corporate Headquarters • NY Metropolitan Regional Office
1529 Jericho Turnpike, New Hyde Park, NY 11040 • (516) 354-6600 • FAX (516) 354-6690

Client: URS Corporation Report #: 02URS-001 Page 1 of 2
201 Willowbrook Blvd. Date: 08/23/02
Wayne, NJ 07470-0290
Project: 807260
Sample: RCA
Test: Gradation, #200 Wash, Soundness
Method: ASTM C136, ASTM D1140, ASTM C88
Sampled By: Client On 08/02/02 Delivered By: Client

Gradation, #200 Wash

Sieve Size	% Passing #1	NYSDOT Item 304 Type 2 Specification	
		Min.	Max.
2"	100	100	100
3/4"	91.9	-	-
1/2"	76.5	-	-
3/8"	68.4	-	-
1/4"	57.9	25	60
#4	50.9	-	-
#10	36.9	-	-
#40	16.4	5	40
#100	7.0	-	-
#200	5.6	0	10

Soundness Magnesium Sulfate Solution – 4 Cycles ✓

Percentage Loss, %:	6.2 ✓ < 20
---------------------	------------

Sample ID

#1 - RCA @ 702 Grand Blvd. Westbury

Complies: ☒ Y

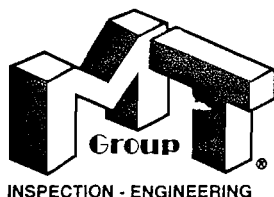
Reported To: --

Remarks:

Lab # 5236

Submitted By: Materials Testing Lab, Inc.

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1529 Jericho Turnpike, New Hyde Park, NY 11040 • (516) 354-6600 • FAX (516) 354-6690

Client: URS Corporation
201 Willowbrook Blvd.
Wayne, NJ 07470-0290
Report #: 02URS-001 **Page 2 of 2**
Date: 08/23/02
Project: 807260
Sample: RCA
Test: Plastic Index, Flat & Elongated Particles
Method: ASTM D4318, ASTM D47
Sampled By: Client **On** 08/02/02 **Delivered By:** Client

Plastic Index Procedure: ASTM D4318

		NYS DOT Item 304 Type 2 Specification
Plastic Index:	Non – Plastic ✓	<5

Flat & Elongated Particles Procedure: ASTM D4791

		NYS DOT Item 304 Type 2 Specification
Flat & Elongated Particles, %:	1.2 ✓	<30

Sample ID

#1 - RCA @ 702 Grand Blvd. Westbury

Complies: ☒ Y

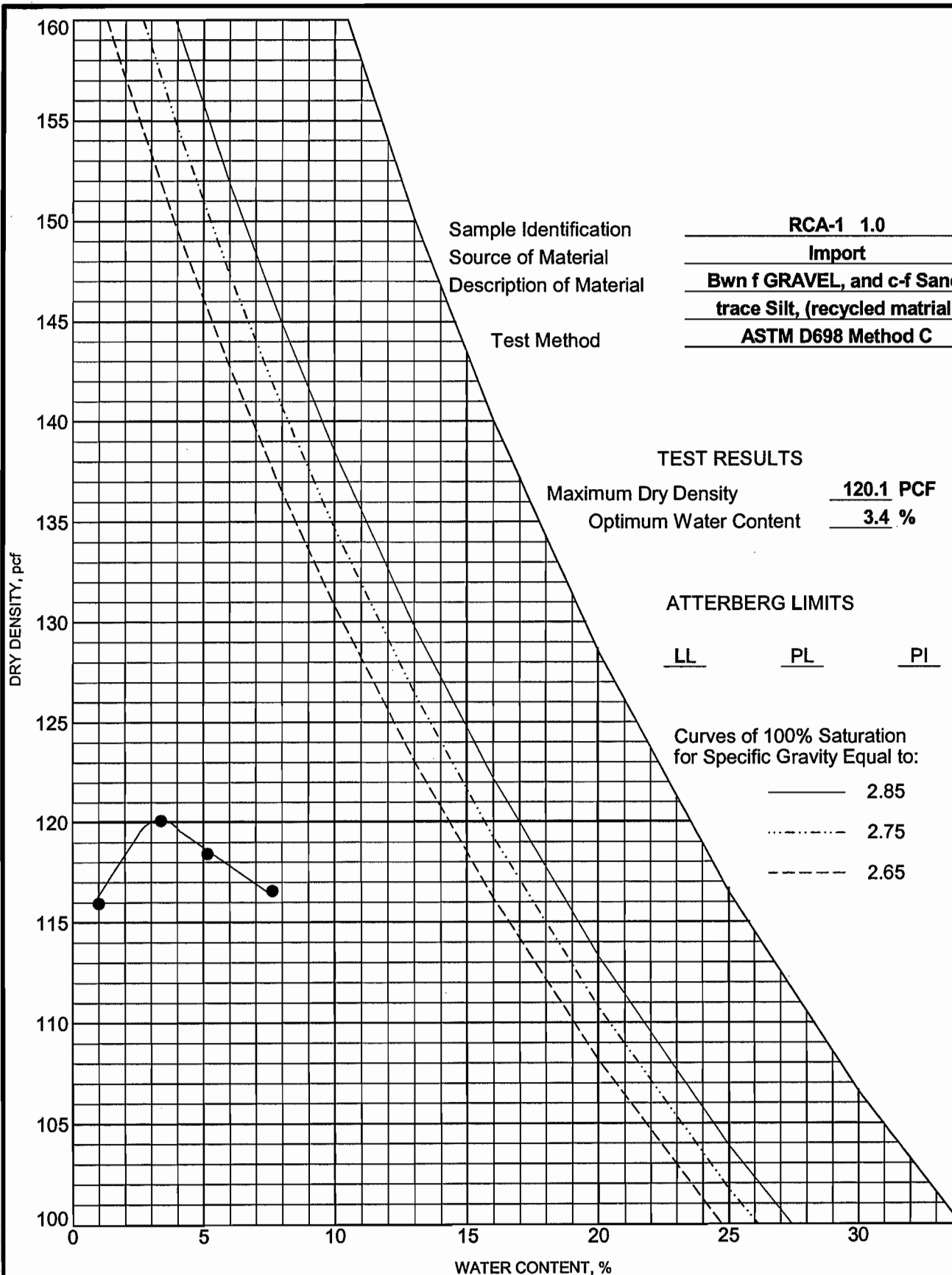
Reported To: --

Remarks:

Lab # 5236

Submitted By: Materials Testing Lab, Inc.

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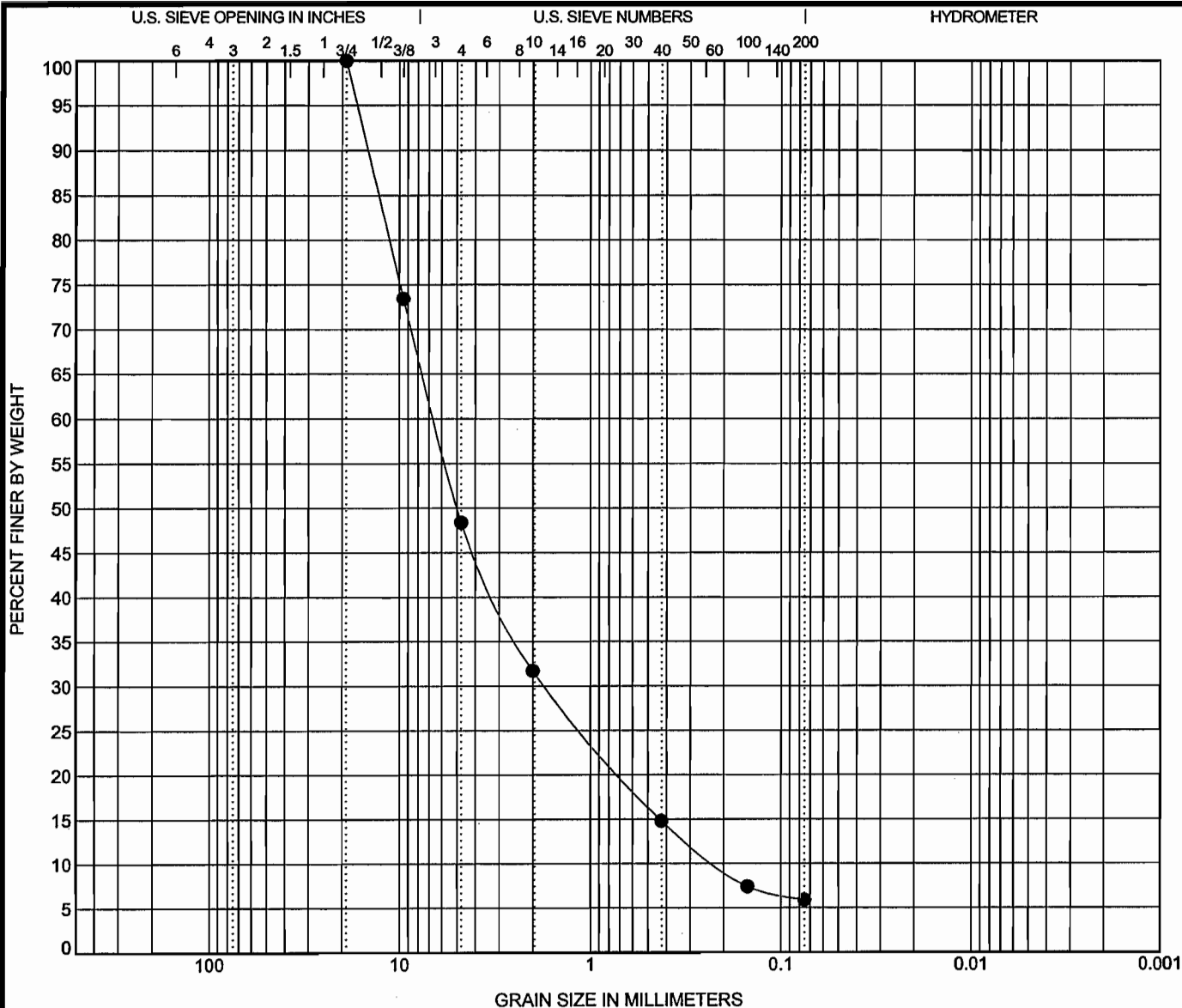
MOISTURE-DENSITY RELATIONSHIP

Project No: 3661.01

Date: 7/7/03

Project: Franklin Cleaners

Location:



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Sample Identification	Classification	WC%	LL	PL	PI	Cc	Cu
● RCA-1 1.0	Bwn f GRAVEL, and c-f Sand, trace Silt, (recycled matrial)	6.4				2.07	30.31

Sample Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	Source of Material
● RCA-1 1.0	19	6.553	1.711	0.216	51.6	42.5	5.9		Import

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2570 Route 9W
Cornwall, NY 12518
Telephone: (845) 534-3450

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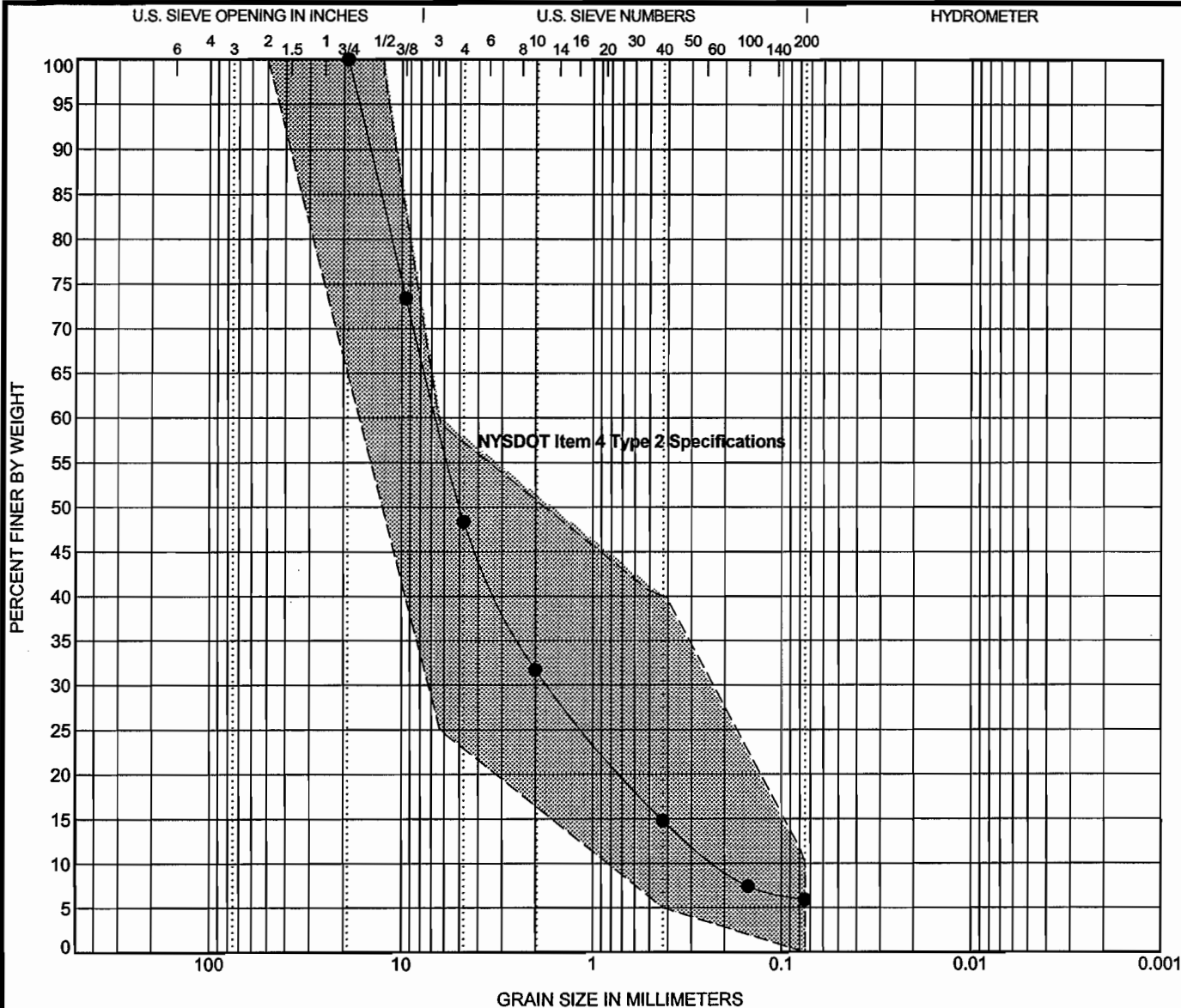
GRAIN SIZE DISTRIBUTION

Project No: 3661.01

Date: 7/7/03

Project: Franklin Cleaners

Location:



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Sample Identification	Classification	WC%	LL	PL	PI	Cc	Cu
● RCA-1 1.0	Bwn f GRAVEL, and c-f Sand, trace Silt, (recycled material)	6.4				2.07	30.31

Sample Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	Source of Material
● RCA-1 1.0	19	6.553	1.711	0.216	51.6	42.5	5.9		Import

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Fax: (845) 534-3556

GRAIN SIZE DISTRIBUTION

Project No: 3661.01

Date: 7/7/03

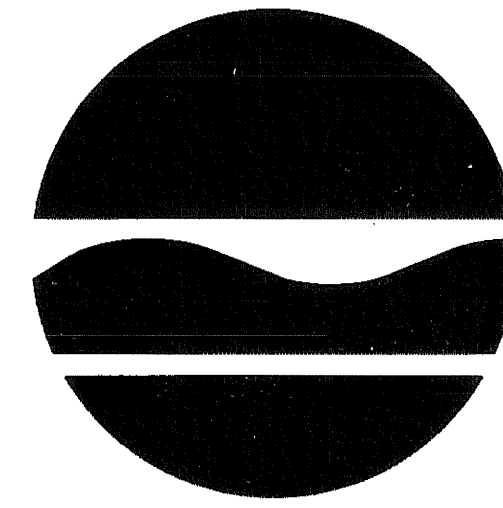
Project: Franklin Cleaners

Location:

Appendix D

APPENDIX D

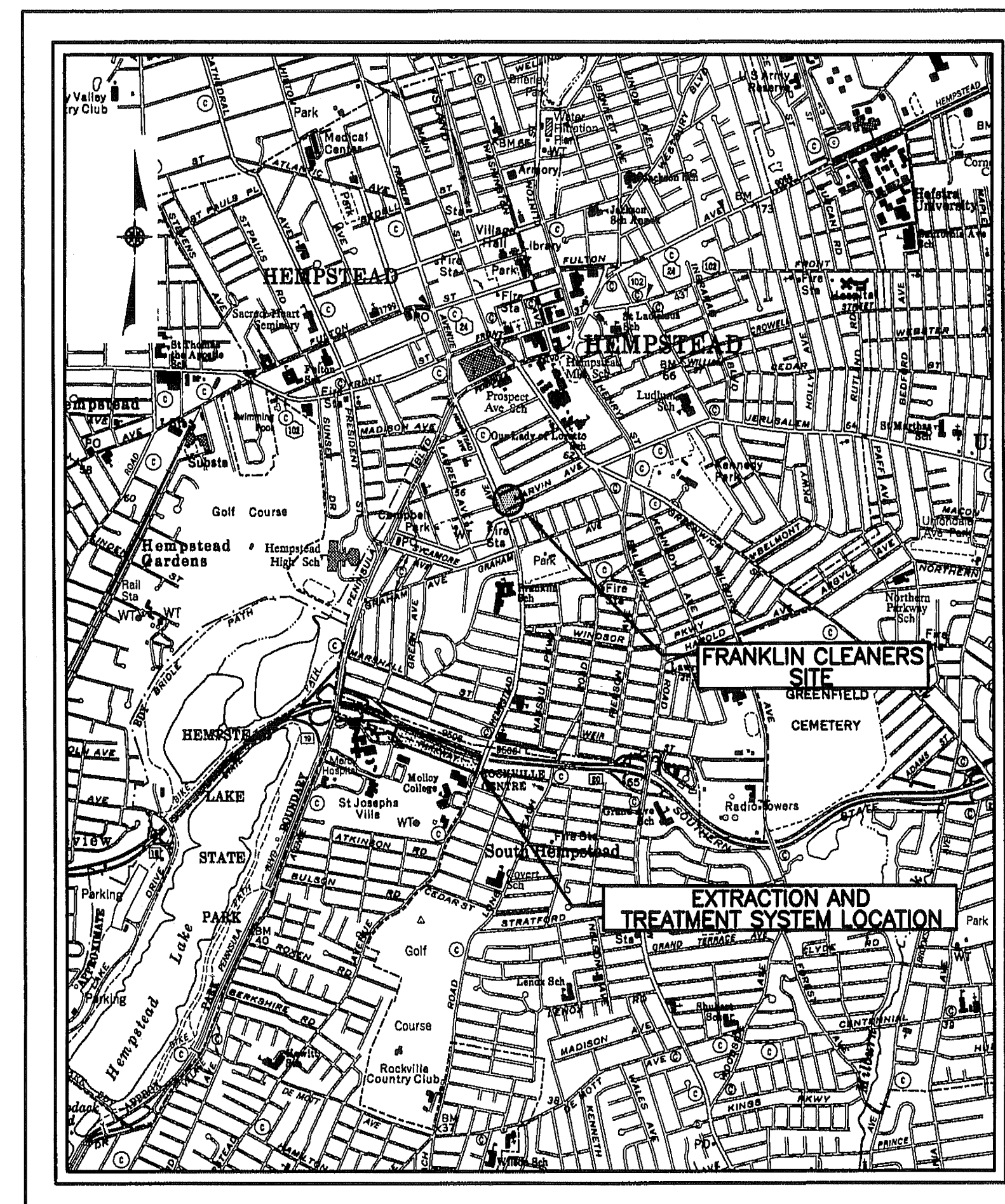
AS-BUILT DRAWINGS



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
GENERAL CONSTRUCTION CONTRACT NO. D004264

FRANKLIN CLEANERS SITE
HEMPSTEAD, NEW YORK
GROUNDWATER EXTRACTION AND TREATMENT SYSTEM

SITE NO. 1-30-050



LOCATION MAP

AS-BUILT RECORD DRAWINGS
MAY 2004

PROJECT RECORD

NO.	DATE	REVISION	INT.
1	1/4/02	ORIGINAL DRAWINGS BY DVIRKA AND BARTILUCCI-REVISED BY URS	
2	10/9/03	AS-BUILT	
3	MAY 2004	FINAL AS-BUILT	



URS

WAYNE, NEW JERSEY

LIST OF AS-BUILT DRAWINGS

DRAWING NO.	DESCRIPTION
L1	SYMBOLS AND ABBREVIATIONS
G1	NOT USED
G2	YEC INC. FINAL CONDITIONS SURVEY AS OF APRIL 5, 2004
G2A	YEC INC. DISCHARGE PIPE PROFILE
G2C	MASSAND ENGINEERING EXISTING CONDITIONS INITIAL SURVEY SEPT. 12, 2002
G3	MISCELLANEOUS SITE DETAILS
G4	ARCHITECTURAL ELEVATIONS
G5	STRUCTURAL PLAN, SECTIONS AND DETAILS
G6	ARCHITECTURAL/STRUCTURAL DETAILS
G7	ROOF FRAMING PLAN, SECTIONS AND DETAILS
G8	MECHANICAL PLAN
G9	NOT USED
G10	MECHANICAL SECTIONS, SCHEMATICS AND FLOW METER VAULT
G10A	SCHEMATICS AND VALVE SCHEDULE
G11	MECHANICAL DETAILS
G12	EXTRACTION WELLS, WELL VAULT PLAN, SECTIONS AND DETAILS

ABBREVIATIONS

ADD'L	ADDITIONAL	GC	GENERAL CONTRACTOR
AFF	ABOVE FINISHED FLOOR	GS	GALVANIZED STEEL
ALUM	ALUMINUM	HDPE	HIGH DENSITY POLYETHYLENE
@	AT	HP	HORSEPOWER
&	AND	H.P.	HIGH POINT
B,BOT	BOTTOM	ID	INSIDE DIAMETER
BLW	BLOWOFF	INF	INFLUENT
BM	BEAM	INT	INTERIOR
BP	BASE PLATE	INV. EL./A.E.	INVERT ELEVATION
C.I.	CAST IRON	IJ	ISOLATION JOINT
CJ	CONSTRUCTION JOINT	LBS. #	POUNDS
CL	CLEARANCE	LF	LINEAR FEET
CL	CENTERLINE	LP	LOW POINT
CMU	CONCRETE MASONRY UNIT	MCJ	MASONRY CONTROL JOINT
C.O.	CLEAN OUT	MAX	MAXIMUM
COL	COLUMN	MECH	MECHANICAL
CONC	CONCRETE	MFTR	MANUFACTURER
CONN	CONNECTION	MIN	MINIMUM
CONT	CONTINUE,CONTINUOUS	MH	MANHOLE
CU	COPPER	MOC	MATERIAL OF CONSTRUCTION
D	DRAIN	MO	MASONRY OPENING
DET	DETAIL	NO./#	NUMBER
D.I./D.I.P.	DUCTILE IRON/D.I. PIPE	NTS	NOT TO SCALE
DIS	DISCHARGE	OC	ON CENTER
DIA./ø	DIAMETER	OPNG	OPENING
DWG(S)	DRAWING(S)	OVR	OVERFLOW
DWLS	DOWELS	PL	PLATE/PROPERTY LINE
EXIST.	EXISTING	PRESS.	PRESSURE
EA	EACH	PVC	POLYVINYL CHLORIDE PIPE
EC	ELECTRICAL CONTRACTOR	RCP	REINFORCED CONCRETE PIPE
EE	EACH END	REC	RECIRCULATION
EF	EACH FACE	REINF	REINFORCE, REINFORCING
EL,ELEV	ELEVATION	REQ'D	REQUIRED
EQ	EQUAL	RPZ	REDUCED PRESSURE BACKFLOW PREVENTER
EQUIP	EQUIPMENT	S	SANITARY
ES	EACH SIDE	SCH	SCHEDULE
ETC	ET CETERA	SDR	STANDARD DIMENSION RATIO
EW	EACH WAY	SP	SUMP PUMP DISCHARGE
EJ	EXPANSION JOINT	SPECS	SPECIFICATIONS
EXP	EXPANSION	SQ.	SQUARE
EXT	EXTERIOR	SQ. FT.	SQUARE FEET
FBO	FURNISHED BY OTHERS	STN. STL./S.S.	STAINLESS STEEL
FDN	FOUNDATION	STD	STANDARD
F.F./FIN. FL.	FINISHED FLOOR	STRUCT	STRUCTURAL
FL	FLOOR	SUC	SUCTION
FRP	FIBERGLASS REINFORCED PLASTIC	T	TOP
FS	FLOW SWITCH	T&B	TOP AND BOTTOM
FTG	FOOTING	TOF	TOP OF FINISHED FLOOR
GALV	GALVANIZED	TOS	TOP OF STEEL
		TOW	TOP OF WALL
		TYP	TYPICAL
		V	VENT
		VERT.V	VERTICAL
		W/	WITH
		WS	WATER SERVICE
		WWF	WELDED WIRE FABRIC

GENERAL CONSTRUCTION

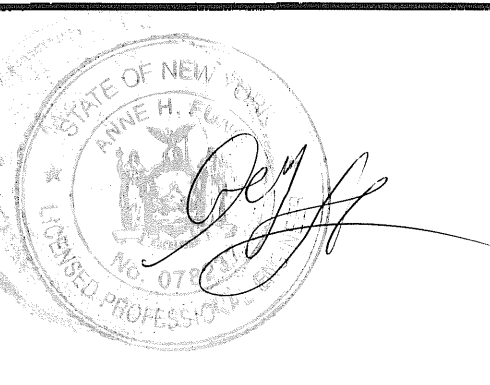
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	NEW ELECTRICAL CONDUIT
	EXISTING GAS MAIN
	NEW GAS MAIN
	SANITARY SEWER
	EXISTING DRAIN
	NEW DRAIN
	EXISTING TELEPHONE
	NEW TELEPHONE
	EXISTING WATER MAIN
	NEW WATER MAIN
	NEW WATER SERVICE
	PROPERTY LINE
	CONTRACT LIMITS
	BURIED VALVE W/ VALVE BOX
	NEW CHAIN LINK FENCE
	EXISTING CHAIN LINK FENCE
	TREE TRUNK DIAMETER
	BENCH MARK
	ELECTRIC MANHOLE
	SANITARY MANHOLE
	TELEPHONE MANHOLE
	DRAINAGE MANHOLE
	FIRE HYDRANT/WALL HYDRANT
	UTILITY POLE
	SECTION NO./ DETAIL LETTER
	DRAWING NO. ON WHICH SECTION / DETAIL IS SHOWN
	DRAWING NO. ON WHICH SECTION / DETAIL IS TAKEN
	EXISTING ELEVATION CONTOUR
	EXISTING SPOT ELEVATION
	FINAL ELEVATION CONTOUR
	FINAL SPOT ELEVATION
	EXTRACTION WELL
	EXISTING GROUNDWATER MONITORING WELL
	NEWLY INSTALLED GROUNDWATER MONITORING WELL

SYMBOLS

	EXISTING
	FUTURE
	NEW
	NEW (HIDDEN)
	6" LAYER OF RCA
	NEW BLOCK
	GRATING
	EARTH
	NEW CONCRETE (SITE PLANS ONLY)
	AIR RELEASE VALVE
	GATE VALVE
	BACK PRESSURE CONTROL VALVE
	BALL VALVE
	BUTTERFLY VALVE
	BUTTERFLY VALVE W/MOTORIZED ACTUATOR
	PLUG VALVE
	CHECK VALVE
	SOLENOID VALVE ASSEMBLY
	VENTURI METER
	FLANGED FITTING
	MECHANICAL JOINT FITTING
	UNION
	FLOW SWITCH
	PRESSURE (OR VACUUM) SWITCH
	PRESSURE INDICATOR
	FLOW TRANSMITTER
	CORPORATION STOP/SERVICE CONNECTION
	FLOW SENSOR
	WATER METER
	WOBBLE SWITCH
	PRESSURE GAUGE
	HOSE BIBB
	BALL CHECK VALVE
	QUICK DISCONNECT

PROJECT RECORD

NO.	DATE	REVISION	INT.
1	11/4/02	ORIGINAL DRAWINGS BY DIVIRKA AND BARTILUCCI-REVISED BY URS	
2	10/9/03	AS-BUILT	
3	MAY 2004	FINAL AS-BUILT	



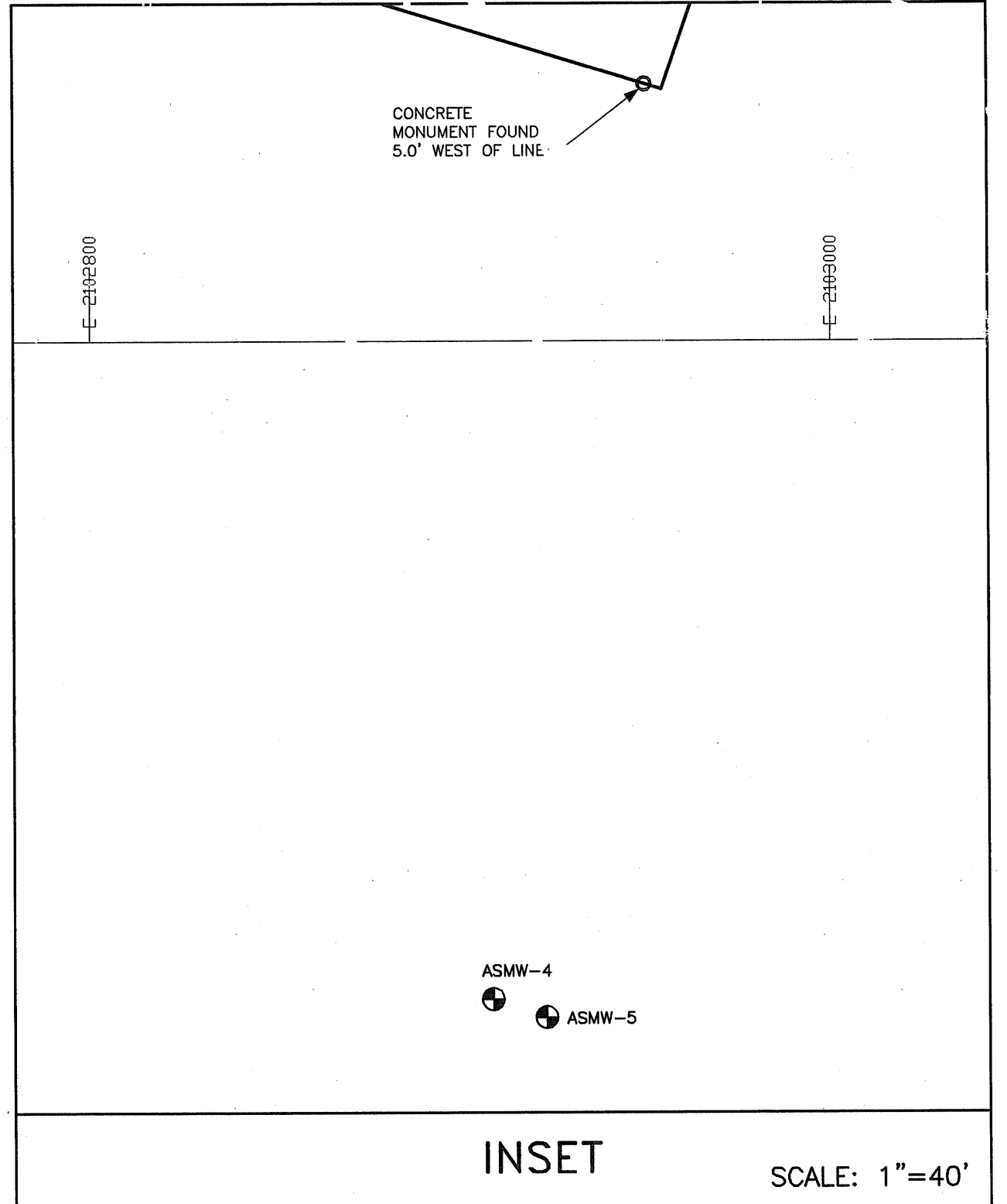
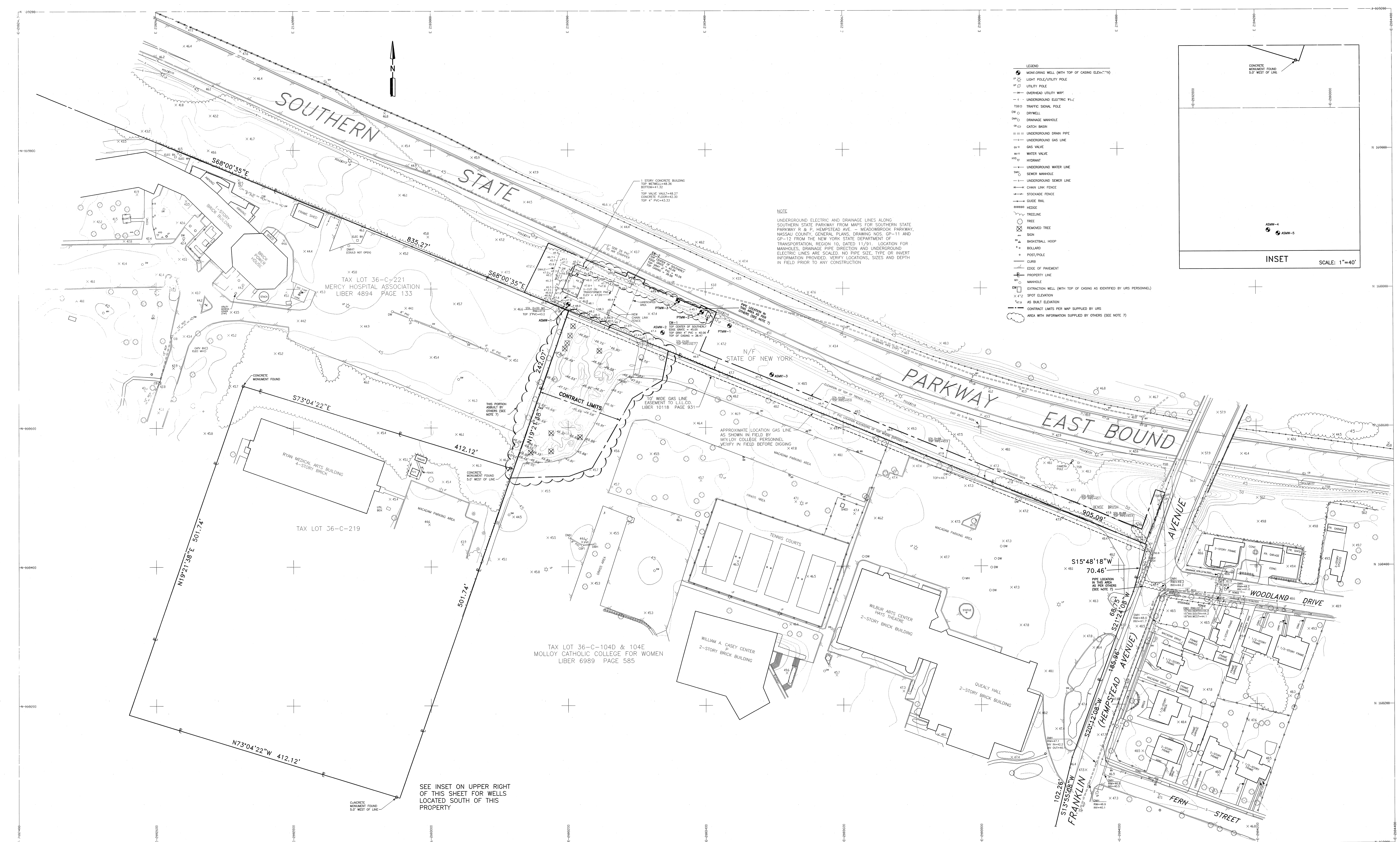
"THESE AS-BUILT DRAWINGS ARE BEING CERTIFIED SOLELY FOR COMPLIANCE WITH THE CONSTRUCTION DRAWINGS AND APPROVED CHANGES. URS IS CERTIFYING THAT THE AS-BUILT DIMENSIONS ARE NOMINAL AND WITHIN THE CONTRACT TOLERANCES."

URS
WAYNE, NEW JERSEY

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACTS D004264

SYMBOLS AND ABBREVIATIONS

PROJECT NO. 807260	DRAWING NO. L1
DATE MAY 2004	
SCALE N.T.S.	



NOTE
UNDERGROUND ELECTRIC AND DRAINAGE LINES ALONG SOUTHERN STATE PARKWAY FROM MAPS FOR SOUTHERN STATE PARKWAY R & P, HEMPSTEAD AVE. - MEADOWBROOK PARKWAY, NASSAU COUNTY, GENERAL PLANS, DRAWING NOS. GP-11 AND GP-12 FROM THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, REGION 10, DATED 11/91. LOCATION FOR MANHOLES, DRAINAGE PIPE DIRECTION AND UNDERGROUND ELECTRIC LINES ARE SCALED. NO PIPE SIZE, TYPE OR INVERT INFORMATION PROVIDED. VERIFY LOCATIONS, SIZES AND DEPTH IN FIELD PRIOR TO ANY CONSTRUCTION.

- LEGEND
- MONITORING WELL (WITH TOP OF CASING ELEVATION)
 - LIGHT POLE/UTILITY POLE
 - UTILITY POLE
 - OVERHEAD UTILITY WIRE
 - UNDERGROUND ELECTRIC WIRE
 - TRAFFIC SIGNAL POLE
 - DRY WELL
 - DRAINAGE MANHOLE
 - CATCH BASIN
 - UNDERGROUND URAN PIPE
 - UNDERGROUND GAS LINE
 - GAS VALVE
 - WATER VALVE
 - HYDRANT
 - UNDERGROUND WATER LINE
 - SEWER MANHOLE
 - UNDERGROUND SEWER LINE
 - CHAIN LINK FENCE
 - STOCKADE FENCE
 - GUIDE RAIL
 - HEDGE
 - TREELINE
 - TREE
 - REMOVED TREE
 - SPIN
 - BASKETBALL HOOP
 - BOLLARD
 - POST/POLE
 - CURB
 - EDGE OF PAVEMENT
 - PROPERTY LINE
 - MANHOLE
 - EXTRACTION WELL (WITH TOP OF CASING AS IDENTIFIED BY URS PERSONNEL)
 - SPOT ELEVATION
 - AS BUILT ELEVATION
 - CONTRACT LIMITS PER MAP SUPPLIED BY URS
 - AREA WITH INFORMATION SUPPLIED BY OTHERS (SEE NOTE 7)

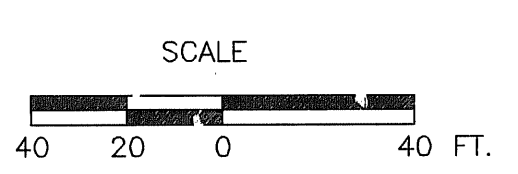
NOTES:

- HORIZONTAL DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM, NAD 1927 FROM NASSAU COUNTY GIS MONUMENTS
- VERTICAL DATUM: NAVD 1929
- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S EMBOSSED SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW
- ONLY COPIES FROM THE ORIGINAL TRACING MARKED WITH THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED VALID, TRUE COPIES
- TOPOGRAPHY FROM AERIAL PHOTOGRAMMETRY BY LOCKWOOD MAPPING COMPANY, 36 WARLAN DRIVE, ROCHESTER, NY 14617, 800-765-5910. DATE OF FLIGHT JANUARY 6, 2000.
- UNDERGROUND UTILITIES SHOWN ARE AS MARKED IN FIELD BY UTILITIES COMPANIES OR VISIBLE ON SURFACE. VERIFY LOCATIONS PRIOR TO ANY CONSTRUCTION, DIGGING OR OTHER SUBSURFACE DISTURBANCES. WATERLINE LOCATION ON FRANKLIN AVE. WAS NOT MARKED AND ITS LOCATION IS ASSUMED IN FRONT OF THE THREE PROPERTIES NORTH OF FERN STREET
- CLOUDED AREAS ARE NOT PART OF YEC'S RESPONSIBILITY. DETAILS IN THESE AREAS WERE OBTAINED FROM MASSAND ENGINEERING.

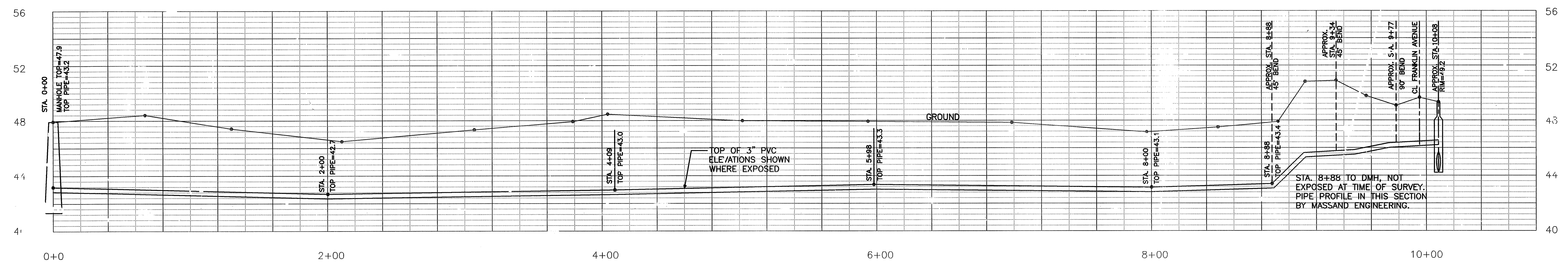
I HEREBY CERTIFY THAT THIS MAP IS BASED ON AN ACTUAL FIELD SURVEY COMPLETED ON MARCH 29, 2000 WITH AS-BUILT INFORMATION FROM FIELD SURVEY COMPLETED ON APRIL 5, 2004 AND CONFORMS TO THE MINIMUM STANDARDS FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.

DONALD E. JONES, L.S., N.Y.S. L.S. NO. 49759
DONALD E. JONES, L.S.
58 E. VALLEY DRIVE
VALLEY, N.Y. 10991

WELL ELEVATION TABLE (in feet)			
WELL ID	TOP MANHOLE	NOTCH TOP CASING	
PTMW-1	45.20	44.76	44.91
PTMW-2	45.29	44.46	44.52
PTMW-3	44.88	-	44.49
ASMW-1	48.09	-	47.29
ASMW-2	46.91	-	46.25
ASMW-3	47.37	-	46.99
ASMW-4	44.50	-	44.06
ASMW-5	44.64	-	44.25



REVISIONS	VALLEY COTTAGE	YEC, INC.	NEW YORK	DRAWING NO.
4/20/04 - AS-BUILT INFO				G2
FINAL CONDITIONS SURVEY AS OF APRIL 5, 2004				
TOWN OF HEMPSTEAD, NASSAU COUNTY, NEW YORK				
DATE: SEPT. 2000	SCALE: 1" = 40'	DRAWN BY: MBW	CHECKED BY: DRS	JOB NO. #0121



PIPE PROFILE
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

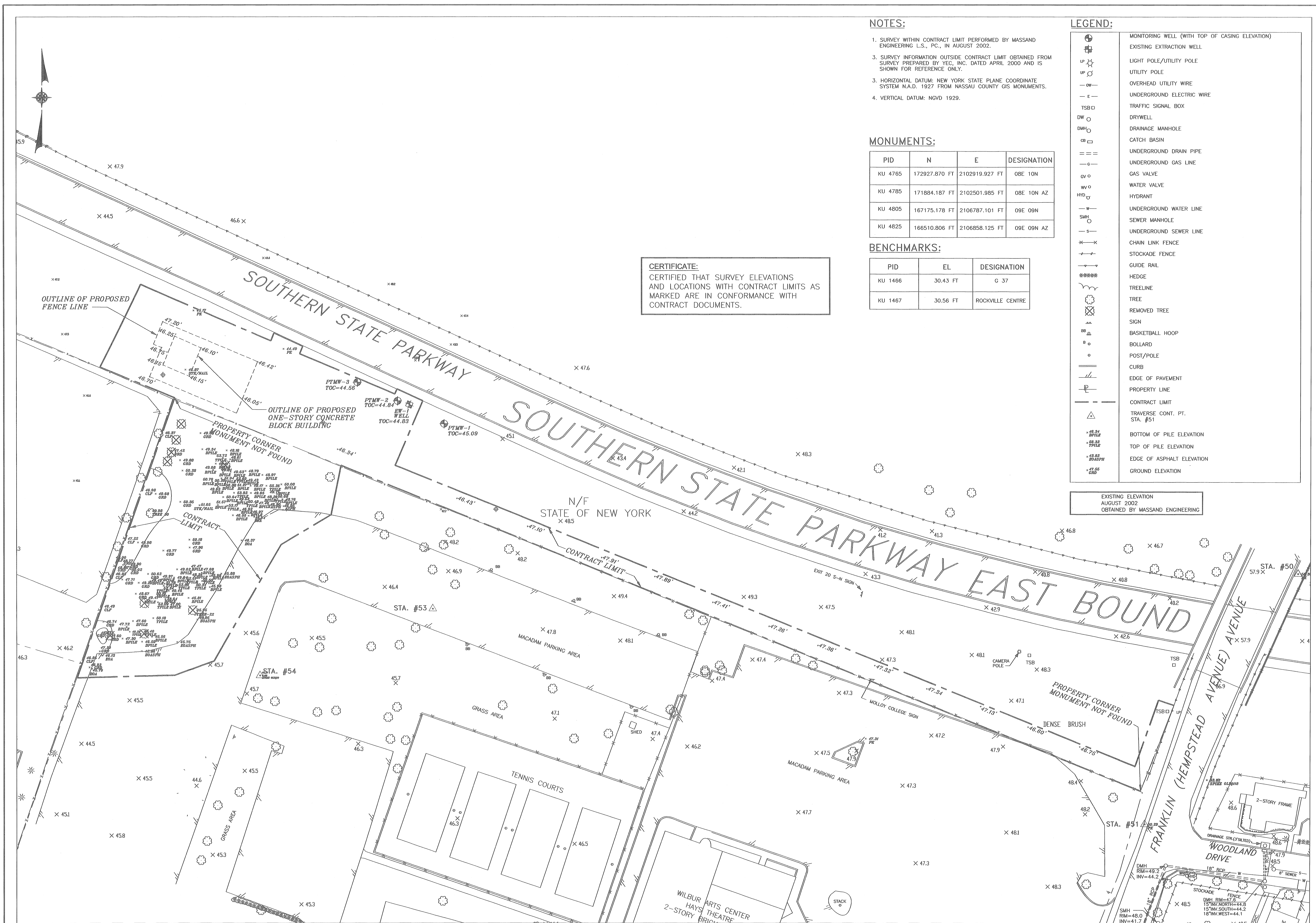
I HEREBY CERTIFY THAT THIS MAP IS BASED ON AN ACTUAL FIELD SURVEY COMPLETED ON MARCH 29, 2000 WITH ASBUILT INFORMATION FROM FIELD SURVEY COMPLETED ON APRIL 5, 2004 AND CONFORMS TO THE MINIMUM STANDARDS FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.

NOTES:

1. HORIZONTAL DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM, N.A.D. 1927 FROM NASSAU COUNTY GIS MONUMENTS
2. VERTICAL DATUM: NGVD 1929
3. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S EMBOSSED SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
4. ONLY COPIES FROM THE ORIGINAL TRACING MARKED WITH THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED VALID, TRUE COPIES.

DONALD R. STEDGE, L.S., N.Y.S. LIC. NO. 49759
DONALD R. STEDGE, P.L.S.
58 EDGEWOOD DRIVE
CENTRAL VALLEY, N.Y. 10917

REVISIONS 4/20/04 - ADDED ASBUILT INFO	YEC, INC.					DRAWING NO.
	VALLEY COTTAGE				NEW YORK	G2A
	DISCHARGE PIPE PROFILE					
	FRANKLIN CLEANERS SITE					
	TOWN OF HEMPSTEAD, NASSAU COUNTY, NEW YORK					
DATE: MAY 2004	SCALE: 1"=40'H, 4"V	DRAWN BY: MBW	CHECKED BY: DRS	JOB NO. A0121		



- NOTES:
- 1. SURVEY WITHIN CONTRACT LIMIT PERFORMED BY MASSAND ENGINEERING L.S., PC., IN AUGUST 2002.
 - 3. SURVEY INFORMATION OUTSIDE CONTRACT LIMIT OBTAINED FROM SURVEY PREPARED BY YEC, INC., DATED APRIL 2000 AND IS SHOWN FOR REFERENCE ONLY.
 - 3. HORIZONTAL DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM N.A.D. 1927 FROM NASSAU COUNTY GIS MONUMENTS.
 - 4. VERTICAL DATUM: NGVD 1929.

MONUMENTS:

PID	N	E	DESIGNATION
KU 4765	172927.870 FT	2102919.927 FT	08E 10N
KU 4785	171884.187 FT	2102501.985 FT	08E 10N AZ
KU 4805	167175.178 FT	2106787.101 FT	09E 09N
KU 4825	166510.806 FT	2106858.125 FT	09E 09N AZ

BENCHMARKS:

PID	EL	DESIGNATION
KU 1466	30.43 FT	G 37
KU 1467	30.56 FT	ROCKVILLE CENTRE

CERTIFICATE:
CERTIFIED THAT SURVEY ELEVATIONS
AND LOCATIONS WITH CONTRACT LIMITS AS
MARKED ARE IN CONFORMANCE WITH
CONTRACT DOCUMENTS.

- LEGEND:
- MONITORING WELL (WITH TOP OF CASING ELEVATION)
 - EXISTING EXTRACTION WELL
 - LIGHT POLE/UTILITY POLE
 - UTILITY POLE
 - OVERHEAD UTILITY WIRE
 - UNDERGROUND ELECTRIC WIRE
 - TRAFFIC SIGNAL BOX
 - DRYWELL
 - DRAINAGE MANHOLE
 - CATCH BASIN
 - UNDERGROUND DRAIN PIPE
 - UNDERGROUND GAS LINE
 - GAS VALVE
 - WATER VALVE
 - HYDRANT
 - UNDERGROUND WATER LINE
 - SEWER MANHOLE
 - UNDERGROUND SEWER LINE
 - CHAIN LINK FENCE
 - STOCKADE FENCE
 - GUIDE RAIL
 - HEDGE
 - TREELINE
 - TREE
 - REMOVED TREE
 - SIGN
 - BASKETBALL HOOP
 - BOLLARD
 - POST/POLE
 - CURB
 - EDGE OF PAVEMENT
 - PROPERTY LINE
 - CONTRACT LIMIT
 - TRAVERSE CONT. PT. STA. #51
 - BOTTOM OF PILE ELEVATION
 - TOP OF PILE ELEVATION
 - EDGE OF ASPHALT ELEVATION
 - GROUND ELEVATION

EXISTING ELEVATION
AUGUST 2002
OBTAINED BY MASSAND ENGINEERING

NO.	DATE	REVISION	INT.

UNAUTHORIZED ALTERATION OR ADDITION
TO THIS DOCUMENT IS A VIOLATION OF
SECTION 7209 OF THE NEW YORK STATE
EDUCATION LAW.

PROJECT ENGINEER: _____ DRAWN BY: _____

DESIGNED BY: _____ CHECKED BY: _____

MASSAND ENGINEERING, L.S.P.C.
311-12 LINDEN TURNPIKE, SUITE 1110
ROCKVILLE CENTRE, NY 11551
(914) 581-3300 FAX (914) 581-3301

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION

FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004264

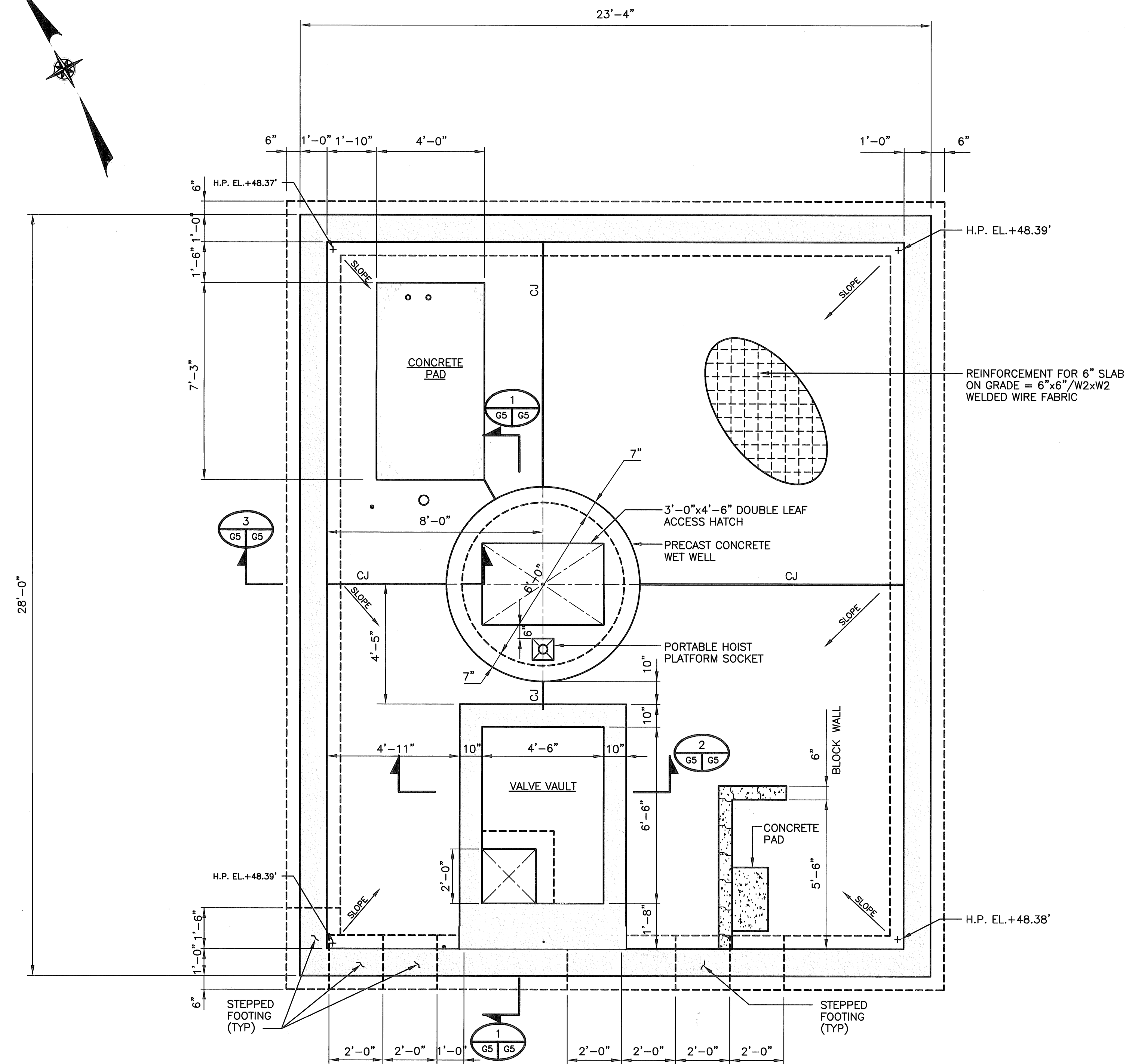
EXISTING CONDITIONS
INITIAL SURVEY SEPT. 12, 2002

PROJECT NO. _____ DRAWING NO. _____

DATE: _____

SCALE: 1"=30'

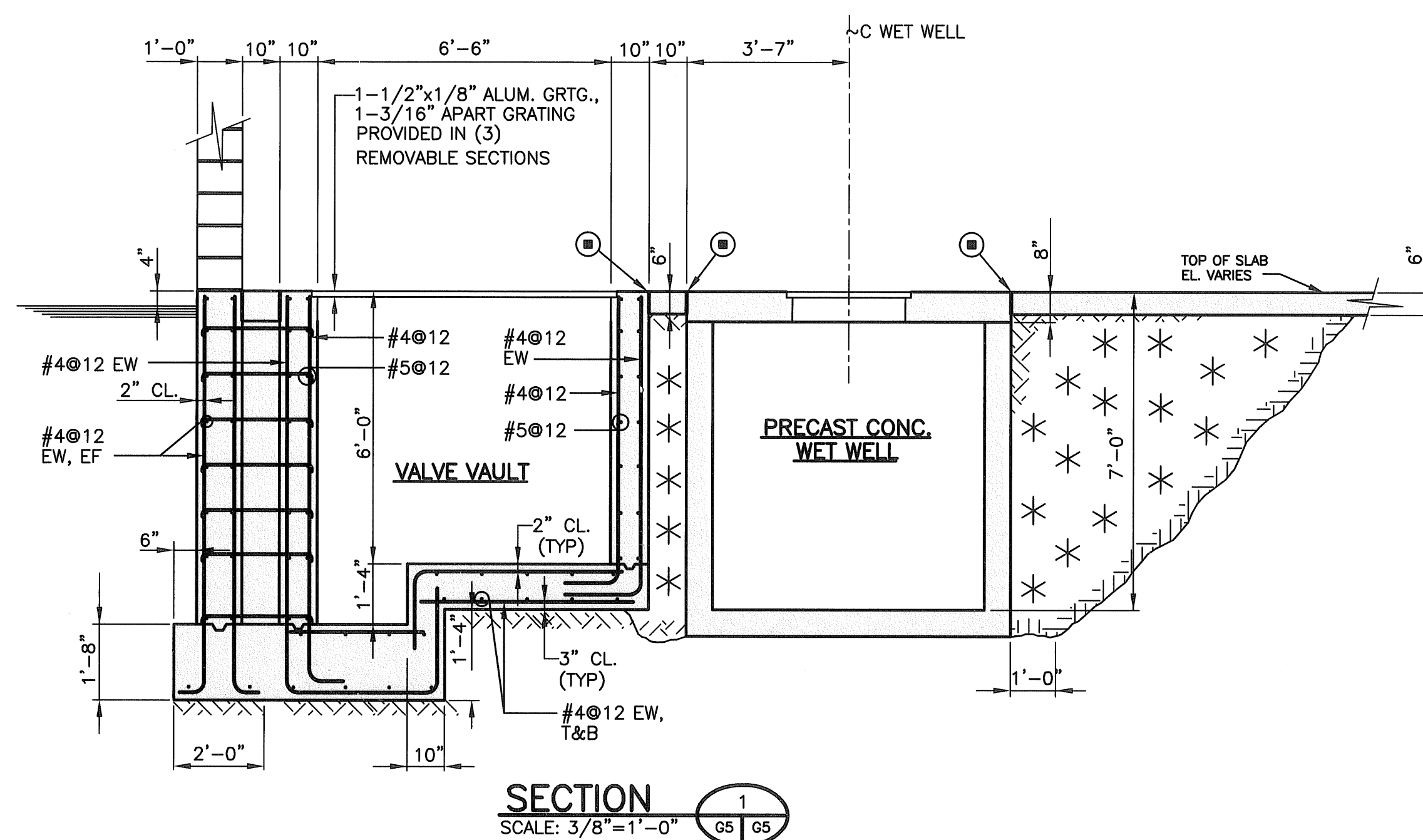
G2c



FIRST FLOOR AND FOUNDATION PLAN

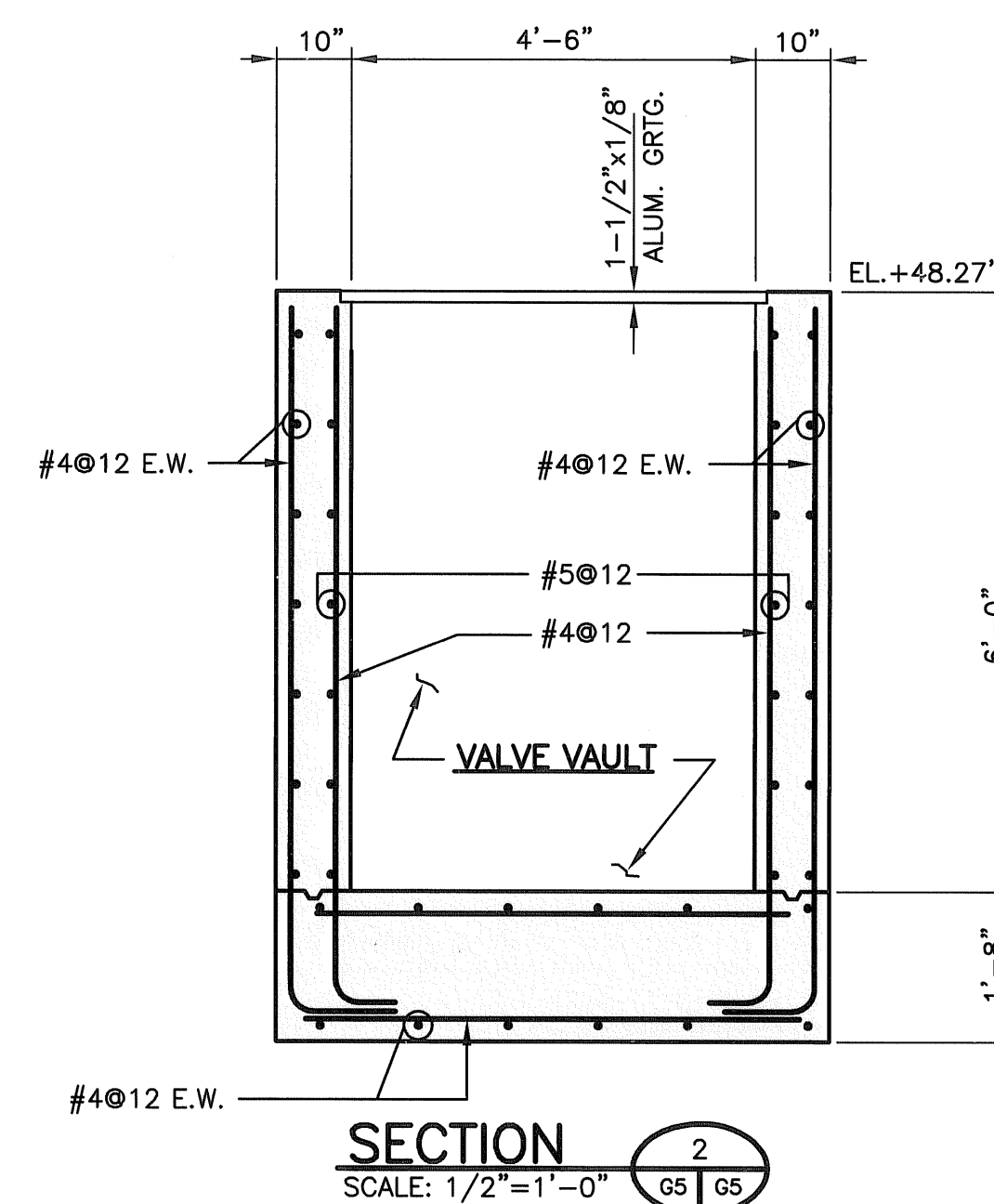
SCALE: 3/8"=1'-0"

NOTE: SLOPE FLOOR SLAB TO VALVE VAULT



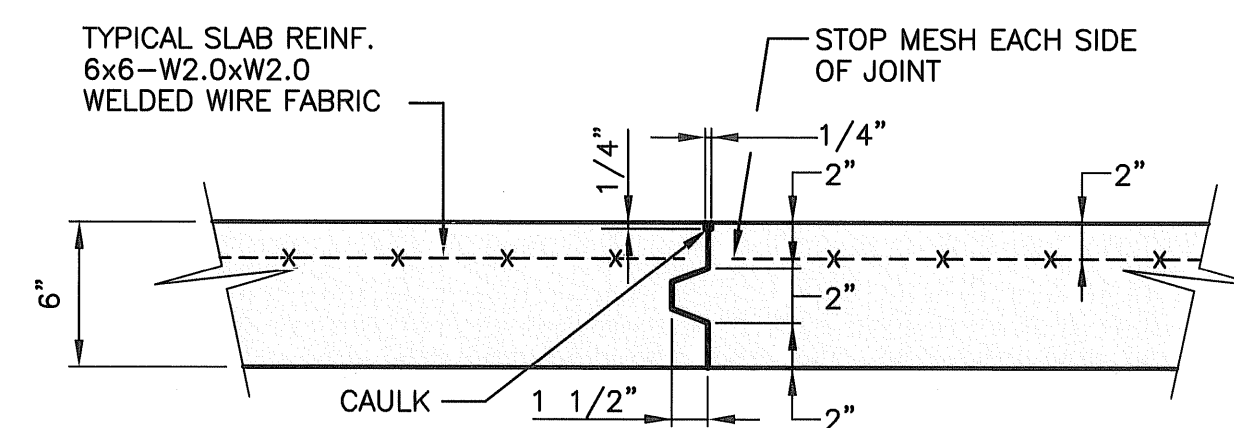
SECTION 1

SCALE: 3/8"=1'-0"



SECTION 2

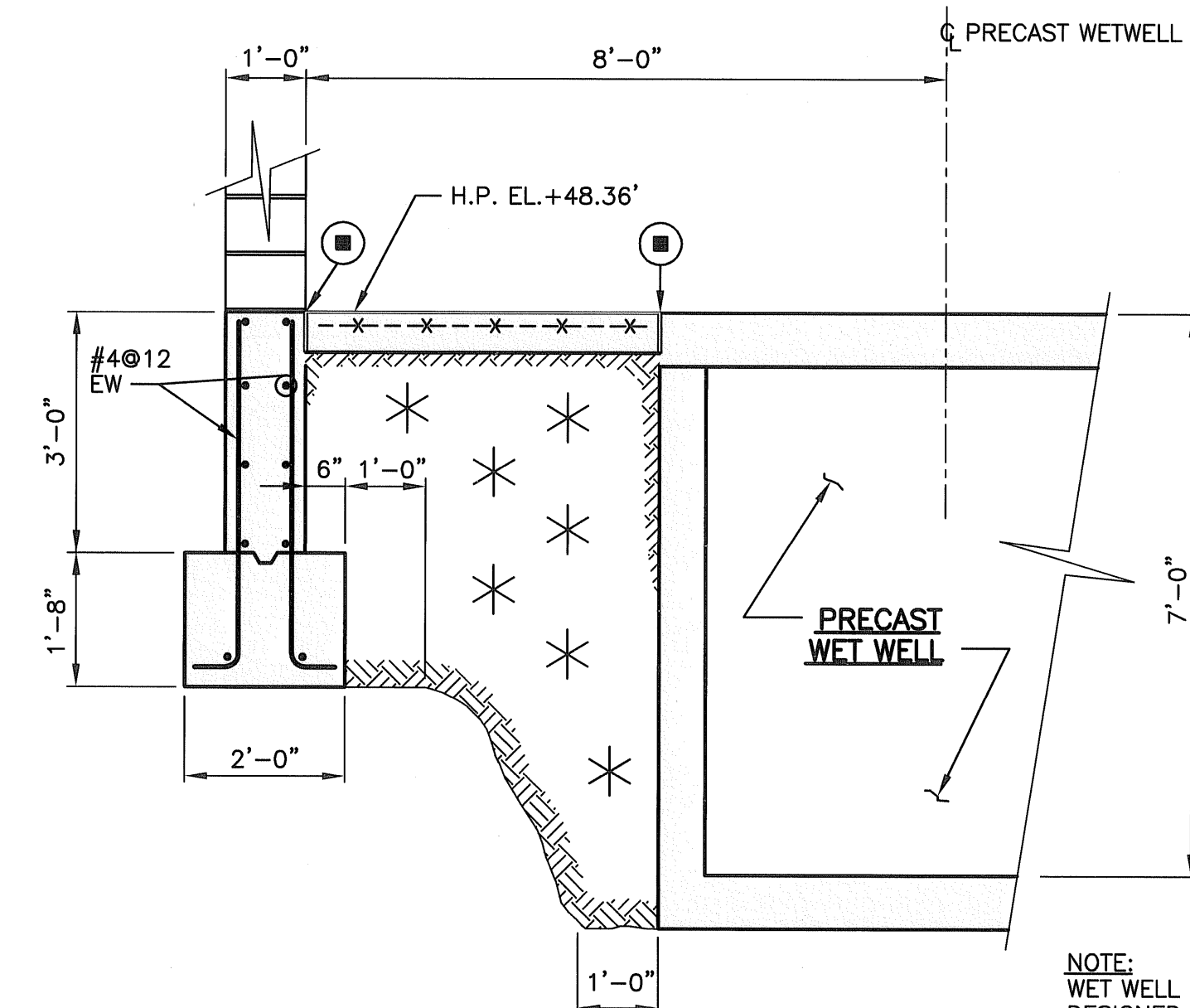
SCALE: 1/2"=1'-0"



TYPICAL CONTROL JOINT DETAIL FOR SLAB ON GRADE

SCALE: 1-1/2"=1'-0"

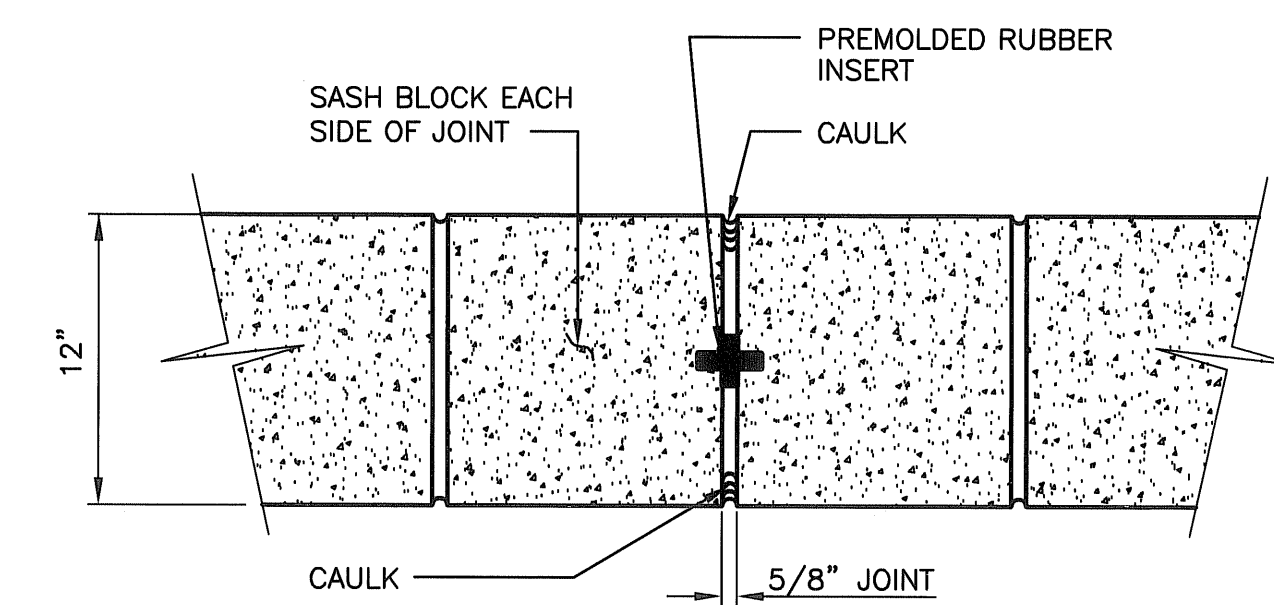
(MARKED CJ ON G5)



SECTION 3

SCALE: 1/2"=1'-0"

NOTE: WET WELL PRECAST CONCRETE TOP SLAB DESIGNED TO SUPPORT LOAD OF 1,000 LB. PORTABLE HOIST



TYPICAL CONTROL JOINT DETAIL MASONRY CONTROL JOINT

SCALE: 1-1/2"=1'-0"

(MARKED MCJ ON ARCH. ELEVATIONS DWG. G4)

- LEGEND:**
- * = WELL COMPACTED SELECT FILL WHERE EARTH UNDER SLAB IS DISTURBED BY EXCAVATION OF WET WELL AND VALVE VAULT.
 - ⊙ = 1/2" PREMOLDED FILLER (SEE ISOLATION JOINT DETAIL ON DWG. G6)

PROJECT RECORD

NO.	DATE	REVISION	INT.
1	11/4/02	ORIGINAL DRAWINGS BY DVIRKA AND BARTILUCCI-REVISED BY URS	
2	10/9/03	AS-BUILT	
3	MAY 2004	FINAL AS-BUILT	



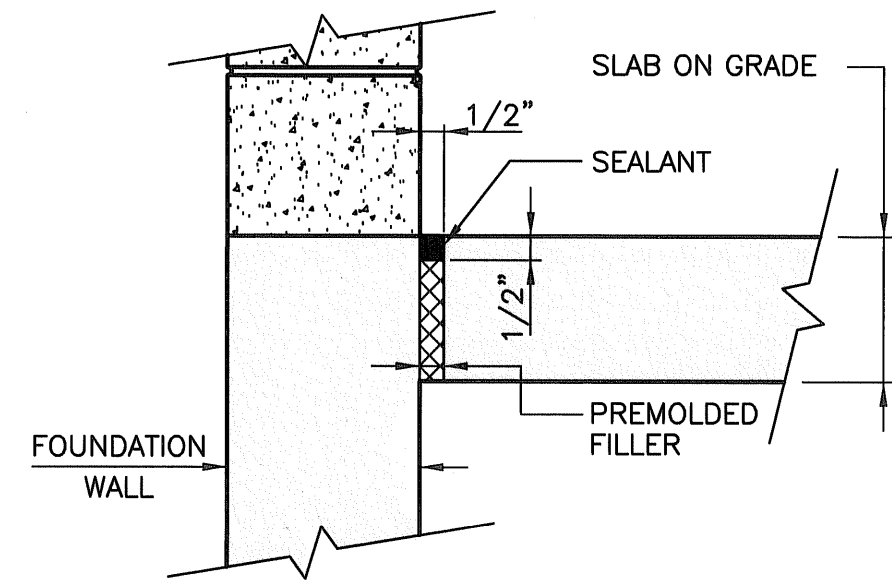
"THESE AS-BUILT DRAWINGS ARE BEING CERTIFIED SOLELY FOR COMPLIANCE WITH THE CONSTRUCTION DRAWINGS AND APPROVED CHANGES. URS IS CERTIFYING THAT THE AS-BUILT DIMENSIONS ARE NOMINAL AND WITHIN THE CONTRACT TOLERANCES."

URS
WAYNE, NEW JERSEY

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004264

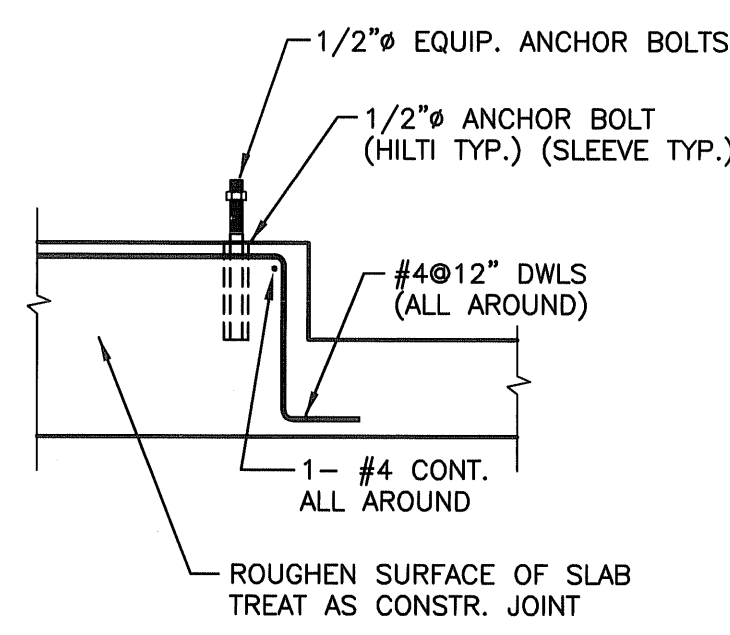
STRUCTURAL PLAN, SECTIONS AND DETAILS

PROJECT NO. 807260	G5
DATE: MAY 2004	
SCALE: AS NOTED	



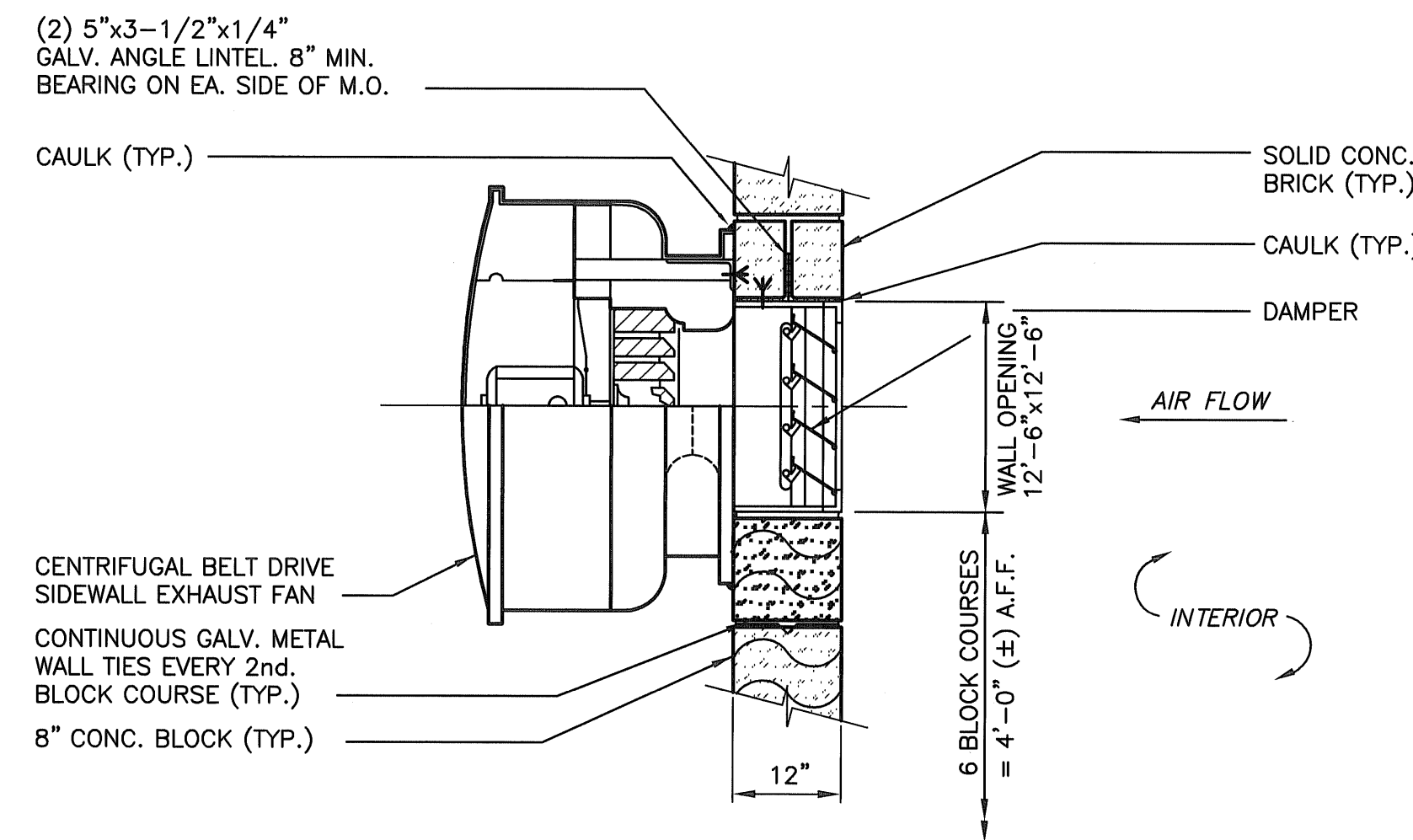
**TYPICAL SLAB ON GRADE ISOLATION JOINT
DETAIL AT FOUNDATION WALL**

N.T.S.



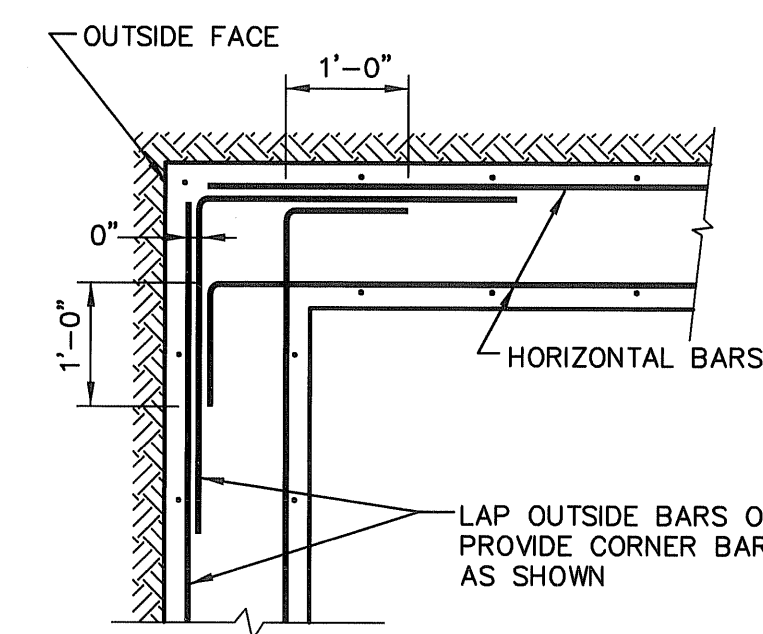
EQUIPMENT PAD DETAIL

N.T.S.

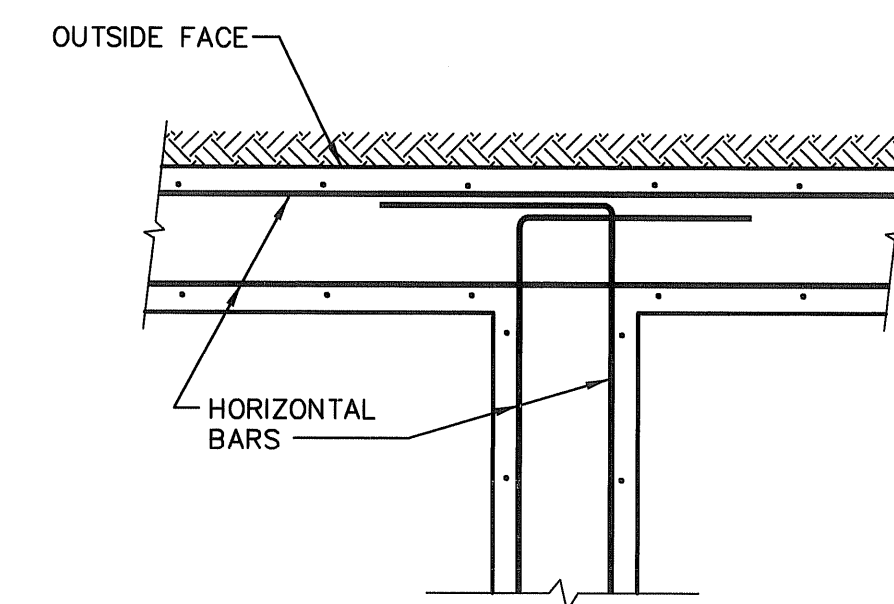


**TYPICAL SIDEWALL EXHAUST FAN DETAIL
THROUGH BLOCK WALL**

N.T.S.



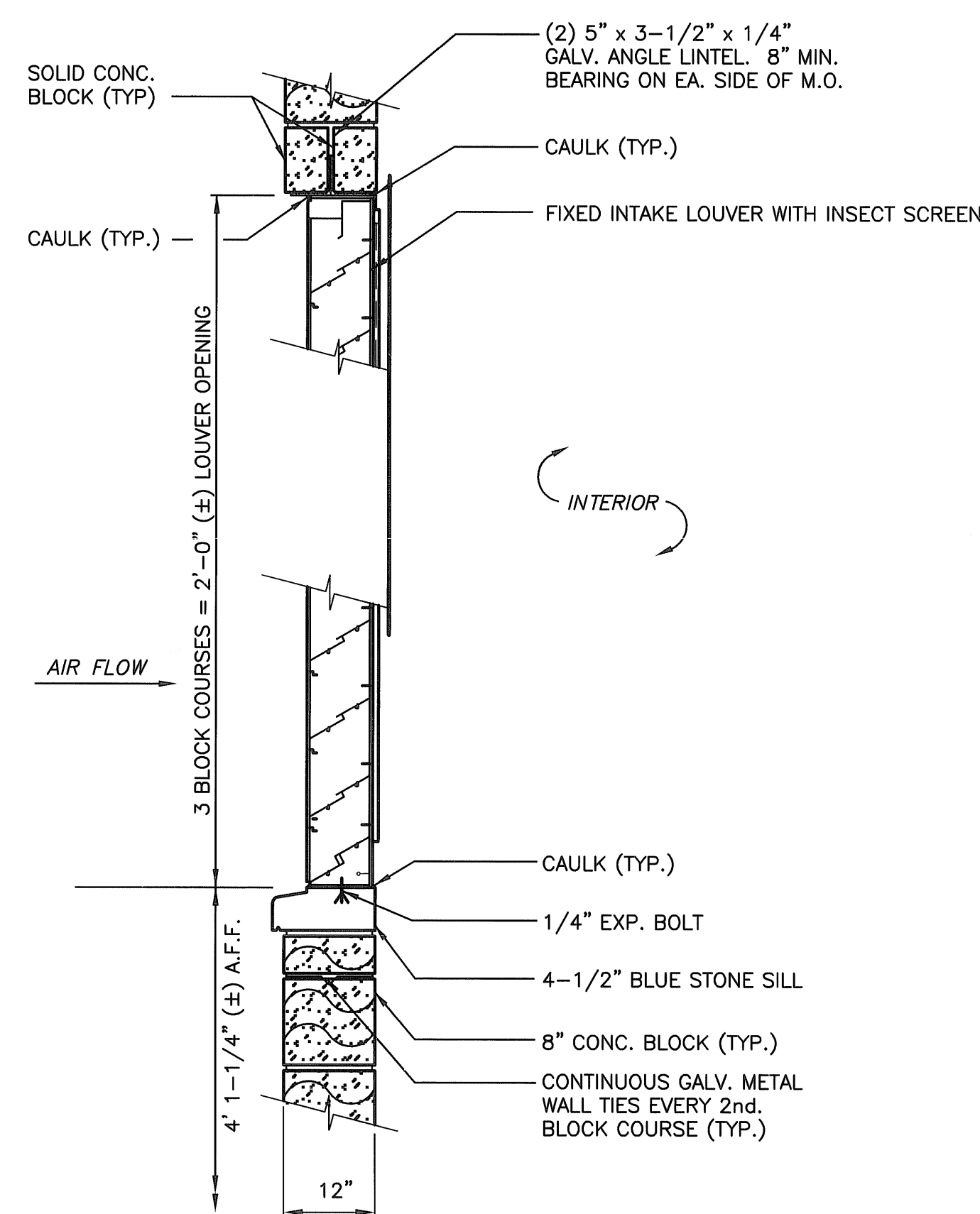
AT CORNERS



AT INTERSECTIONS

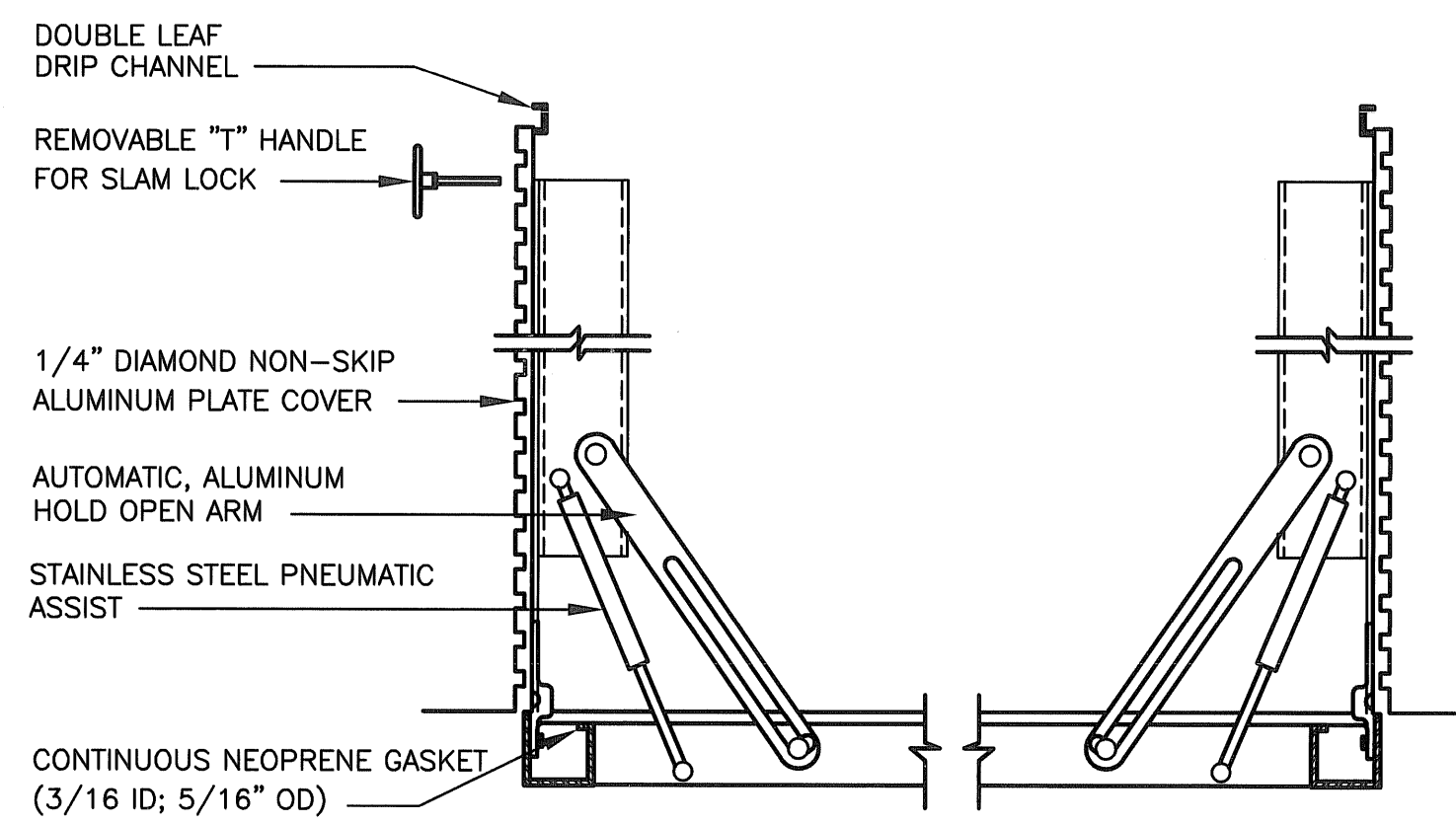
**PLAN OF HORIZONTAL REINFORCING OF
CONCRETE WALLS AND DEEP BEAMS**

N.T.S.



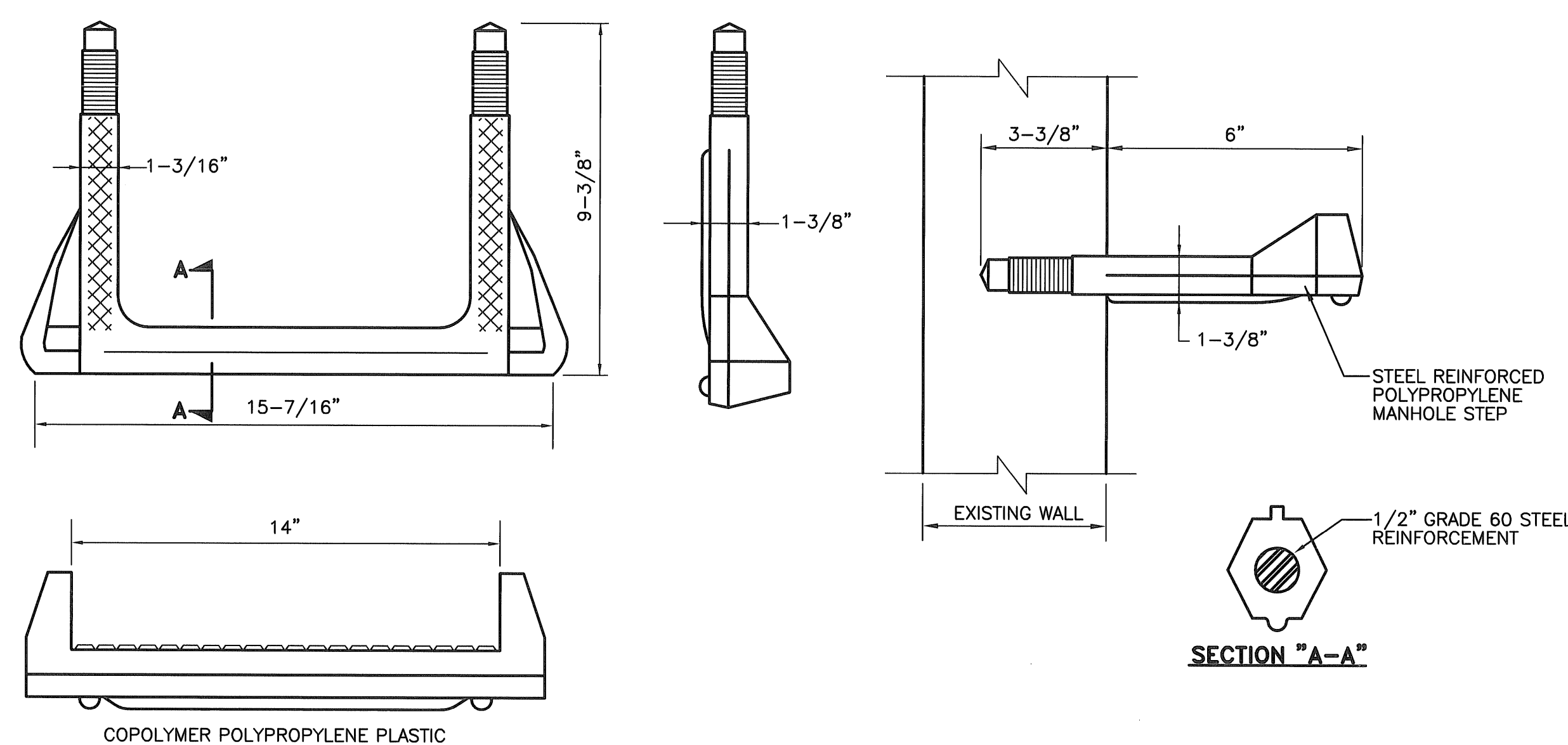
LOUVER DETAIL THROUGH BLOCK WALL

N.T.S.



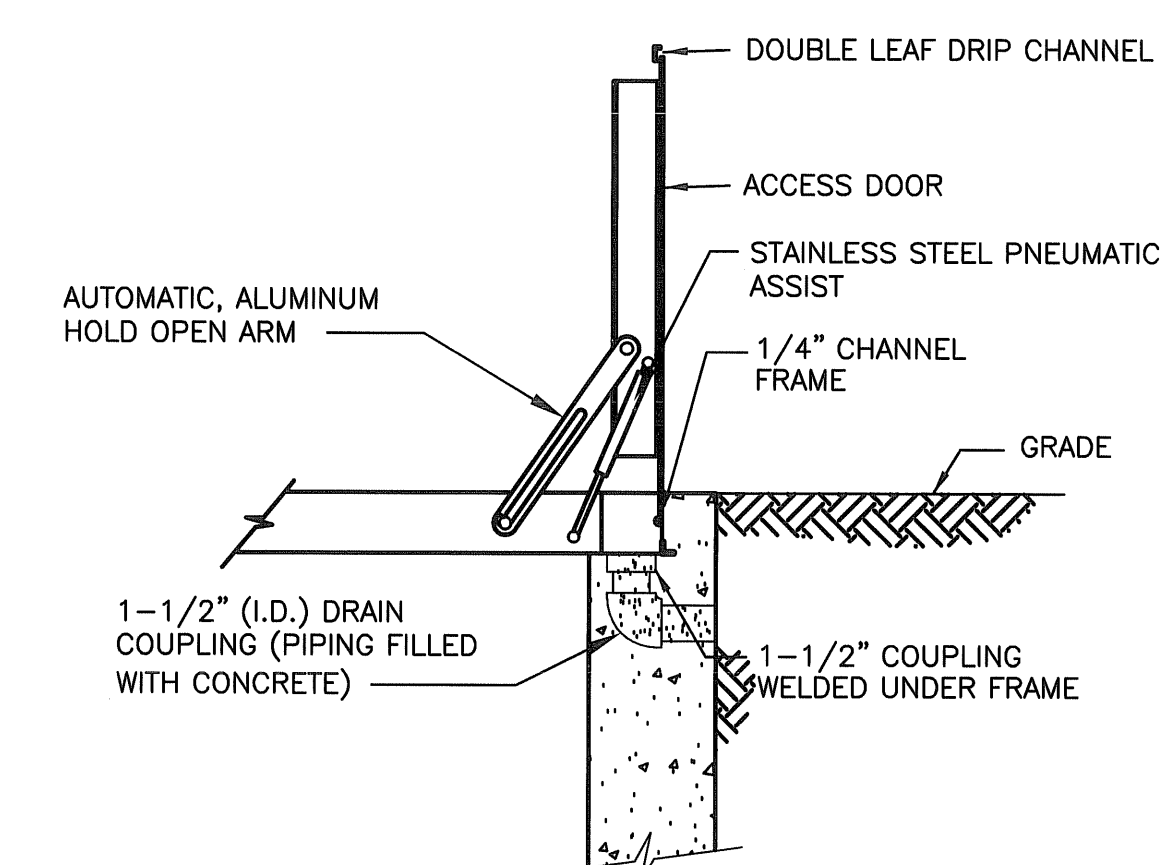
**WET WELL INTERIOR ALUMINUM
DOUBLE LEAF ACCESS DOOR**

N.T.S.



DETAIL OF VALVE VAULT STEP INSTALLATION

N.T.S.



**WET WELL
ACCESS HATCH DRAIN DETAIL**

N.T.S.

PROJECT RECORD

TRN, FEB 15, 2001 11:36 A.M. G:\1640\GWL_DESIGN\1640-3.DWG

NO.	DATE	REVISION	INT.
1	11/1/02	ORIGINAL DRAWINGS BY DVIRKA AND BARTILUCCI—REVISED BY URS	
2	10/9/03	AS-BUILT	
3	MAY 2004	FINAL AS-BUILT	



"THESE AS-BUILT DRAWINGS ARE BEING
CERTIFIED SOLELY FOR COMPLIANCE WITH
THE CONSTRUCTION DRAWINGS AND
APPROVED CHANGES. URS IS CERTIFYING
THAT THE AS-BUILT DIMENSIONS ARE
NOMINAL AND WITHIN THE CONTRACT
TOLERANCES."

URS
WAYNE, NEW JERSEY

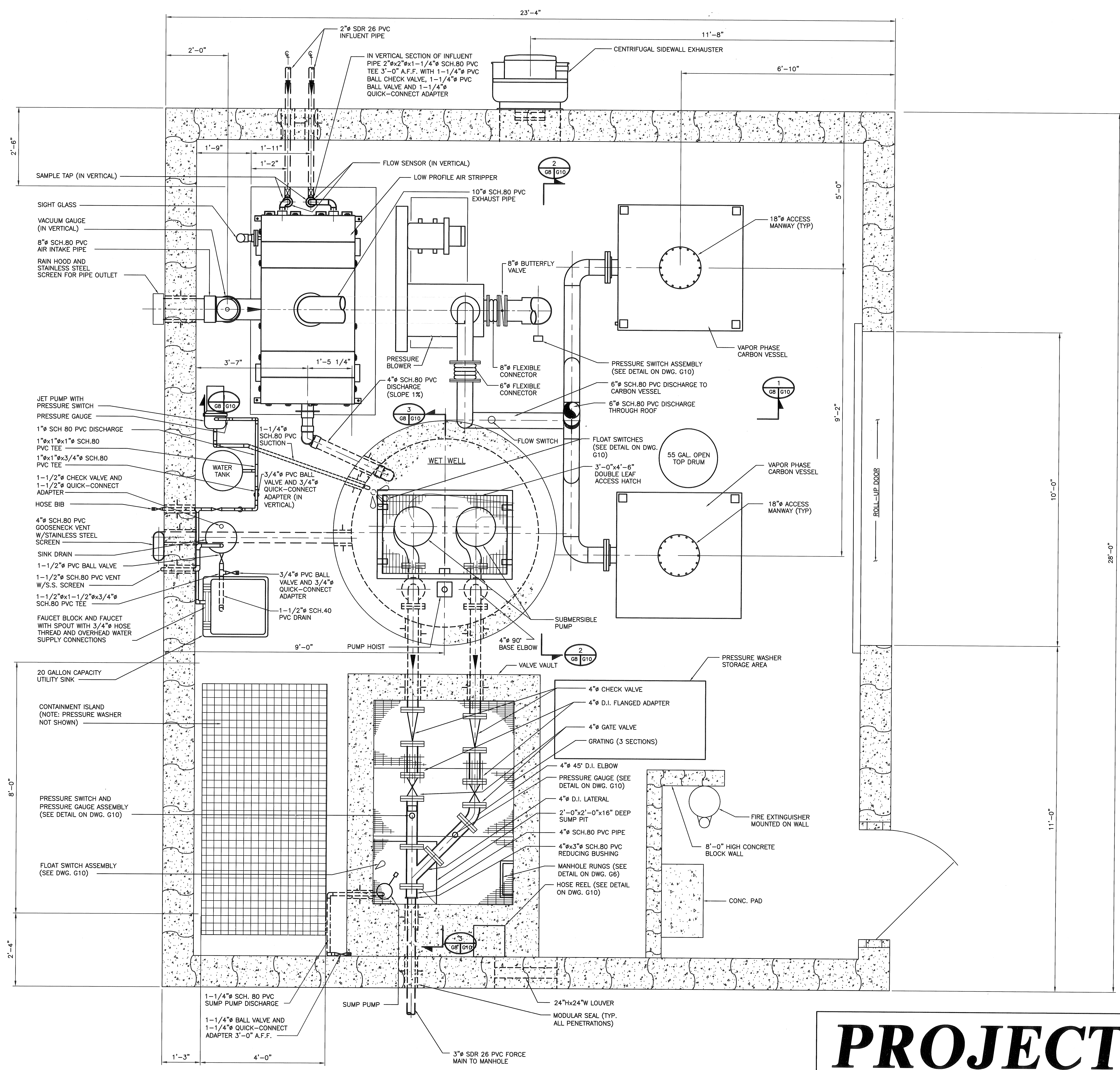
NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004264

ARCHITECTURAL/STRUCTURAL DETAILS

PROJECT NO.
807260
DATE:
MAY 2004
SCALE:
AS NOTED

G6

- NOTES:
1. REFER TO DRAWING E2 FOR THE LOCATIONS OF FLOW INDICATOR/TRANSMITTERS, VARIABLE FREQUENCY DRIVES AND TRANSFORMERS, CONTROL PANELS, REMOTE REGISTER, ETC.
 2. FOR INSTRUMENTATION LOCATION AND DETAILS SEE SECTION 1 DWG. G10.
 3. 55 GALLON DRUM IS MOVEABLE.



PROJECT RECORD

THU, FEB 15, 2001 11:54 A.M. C:\1680\DWG\JESSICA\1680-4.DWG

NO.	DATE	REVISION	INT.
1	11/4/02	ORIGINAL DRAWINGS BY DIVIRKA AND BARTILUCCI-REVISED BY URS	
2	10/9/03	AS-BUILT	
3	MAY 2004	FINAL AS-BUILT	



"THESE AS-BUILT DRAWINGS ARE BEING CERTIFIED SOLELY FOR COMPLIANCE WITH THE CONSTRUCTION DRAWINGS AND APPROVED CHANGES. URS IS CERTIFYING THAT THE AS-BUILT DIMENSIONS ARE NOMINAL AND WITHIN THE CONTRACT TOLERANCES."

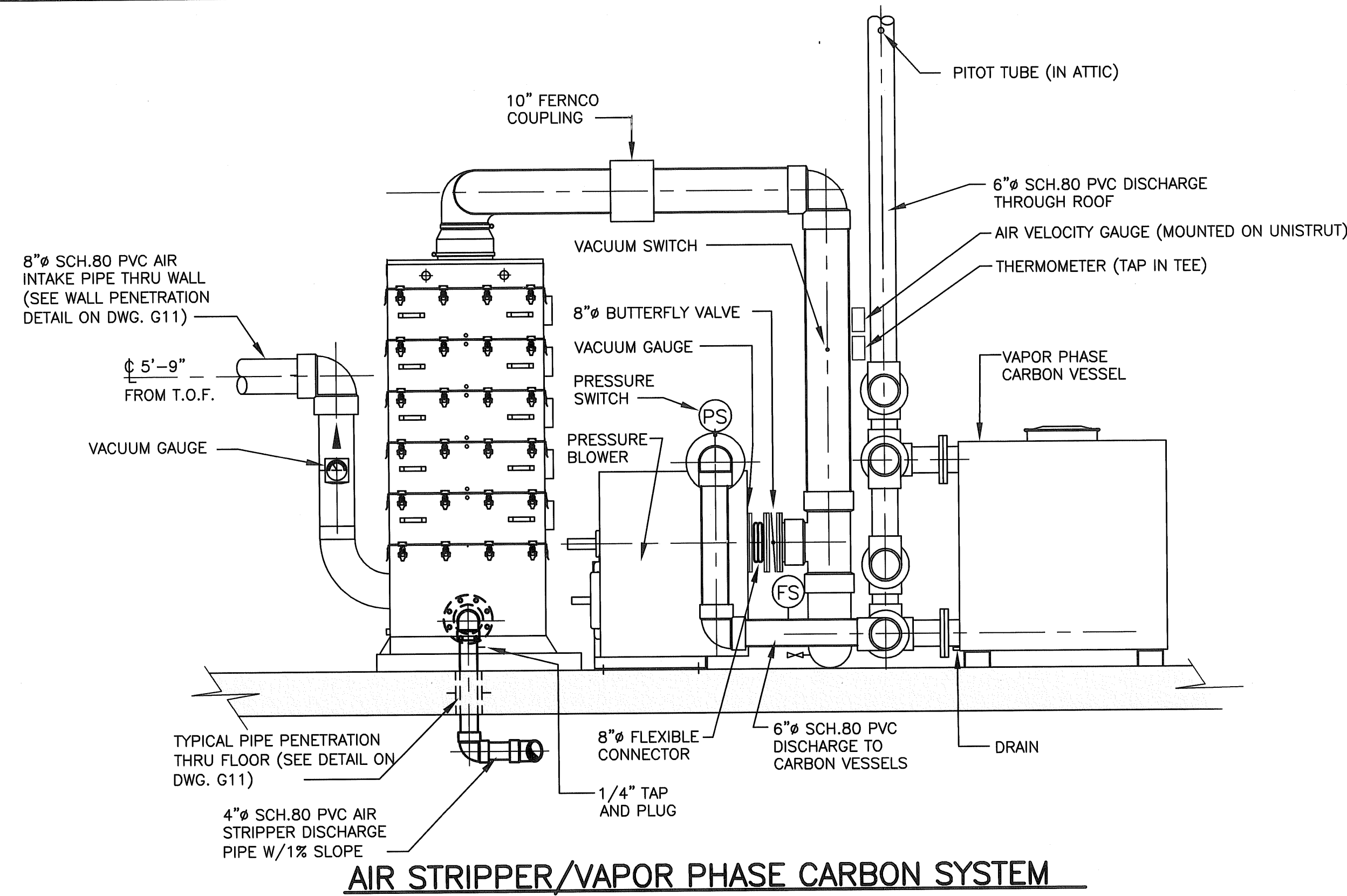


NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004264

MECHANICAL PLAN

PROJECT NO.	807260	DRAWING NO.	
DATE:	MAY 2004		
SCALE:	3/4" = 1'-0"		

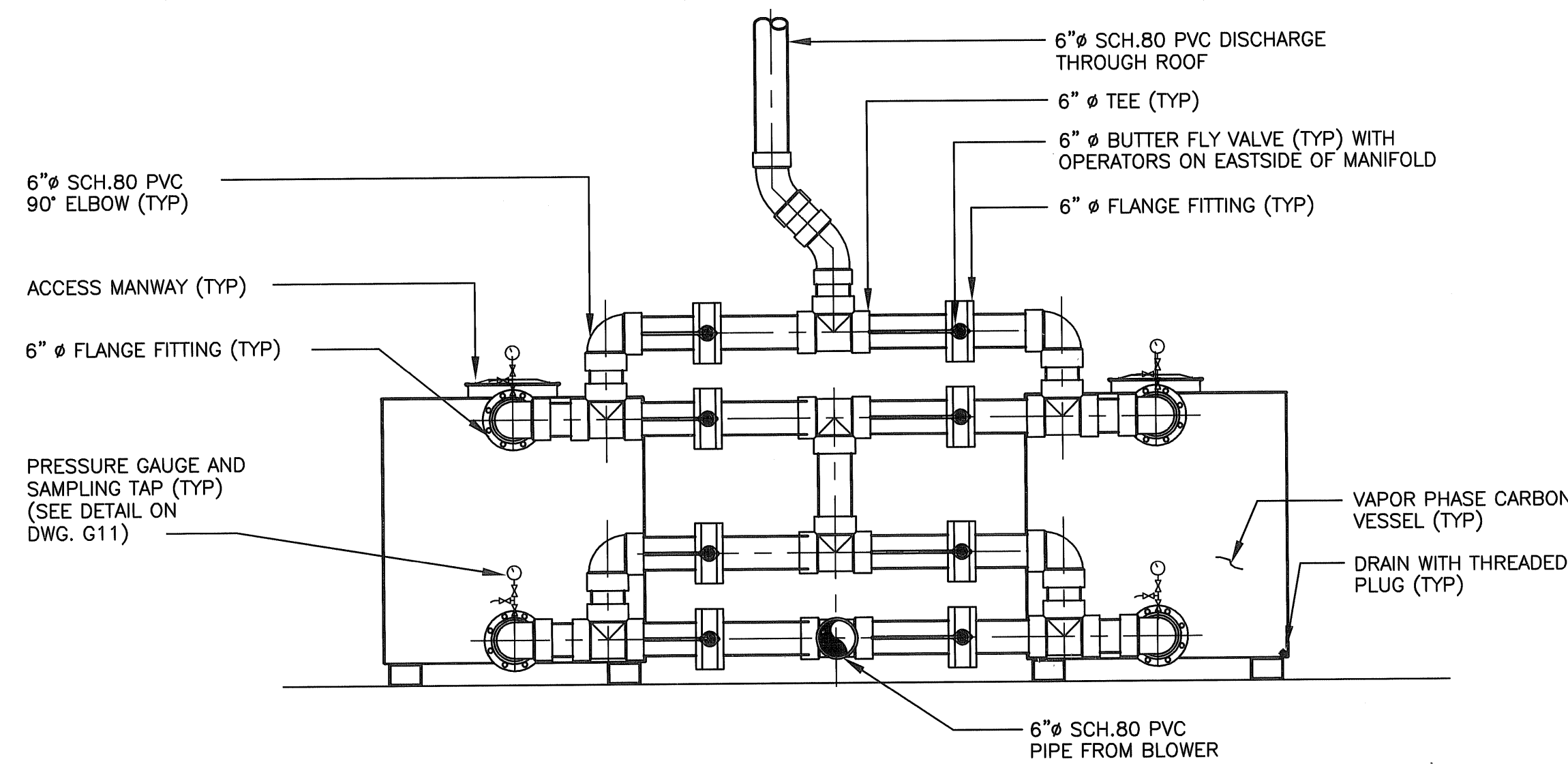
G8



AIR STRIPPER/VAPOR PHASE CARBON SYSTEM

SECTION 1
(ELEVATION VIEW)
G8 G10

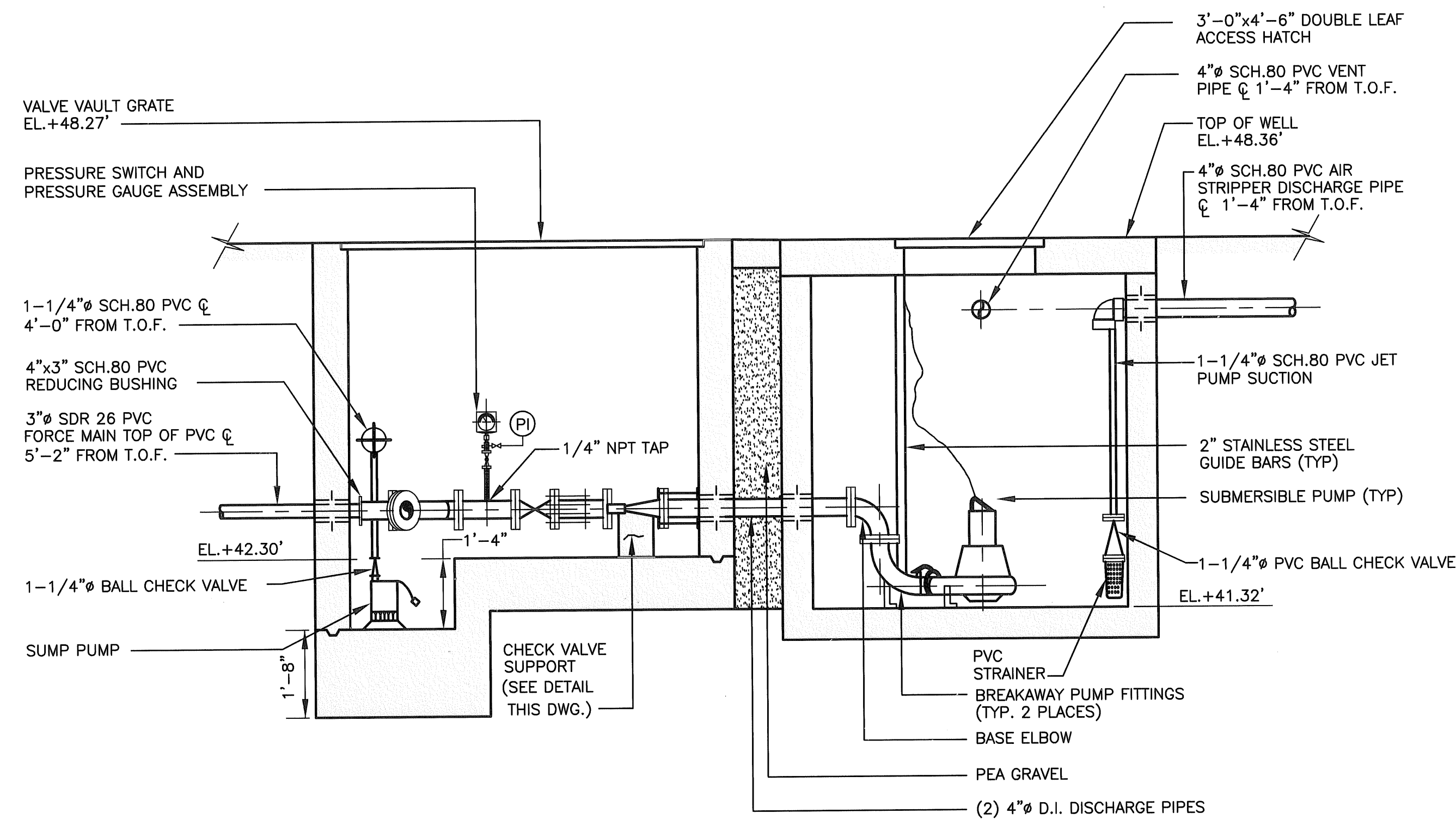
NOTE: PRESSURE BLOWER DRIVE GUARD NOT SHOWN



VAPOR PHASE CARBON MANIFOLD

SECTION 2
(ELEVATION VIEW)
G8 G10

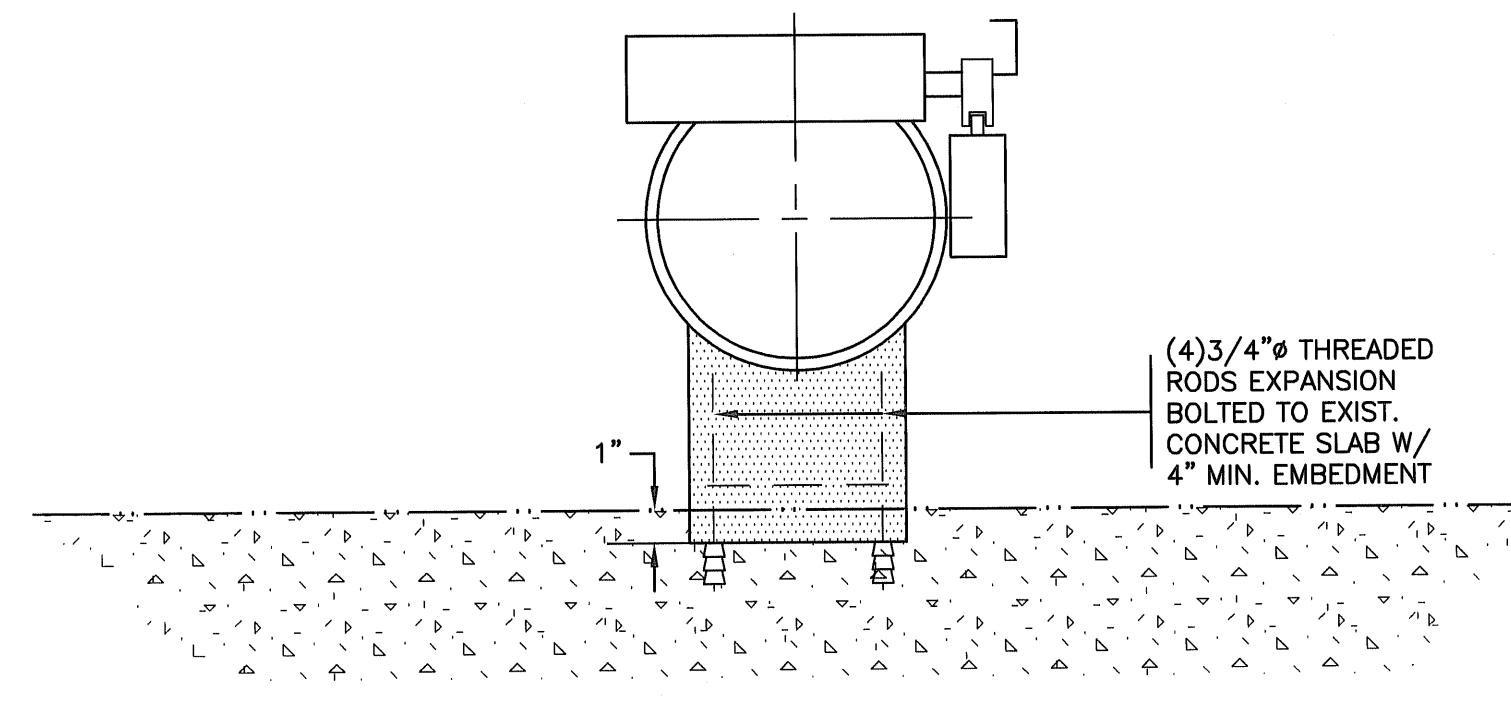
SCALE: 1/2"=1'-0"



VALVE VAULT/WET WELL

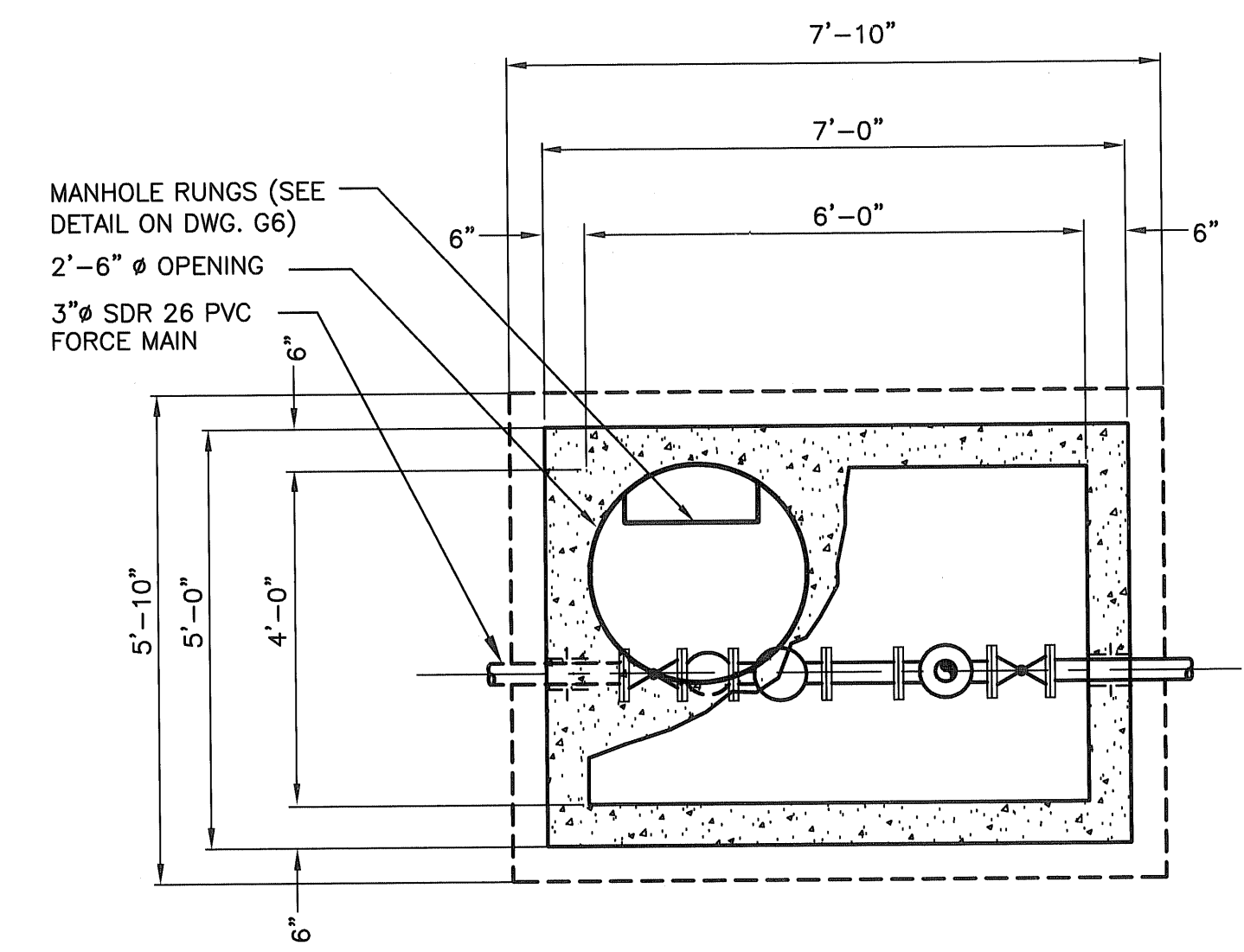
SECTION 3
(ELEVATION VIEW)
G8 G10

NOTE: FLOAT SWITCH ASSEMBLIES NOT SHOWN.



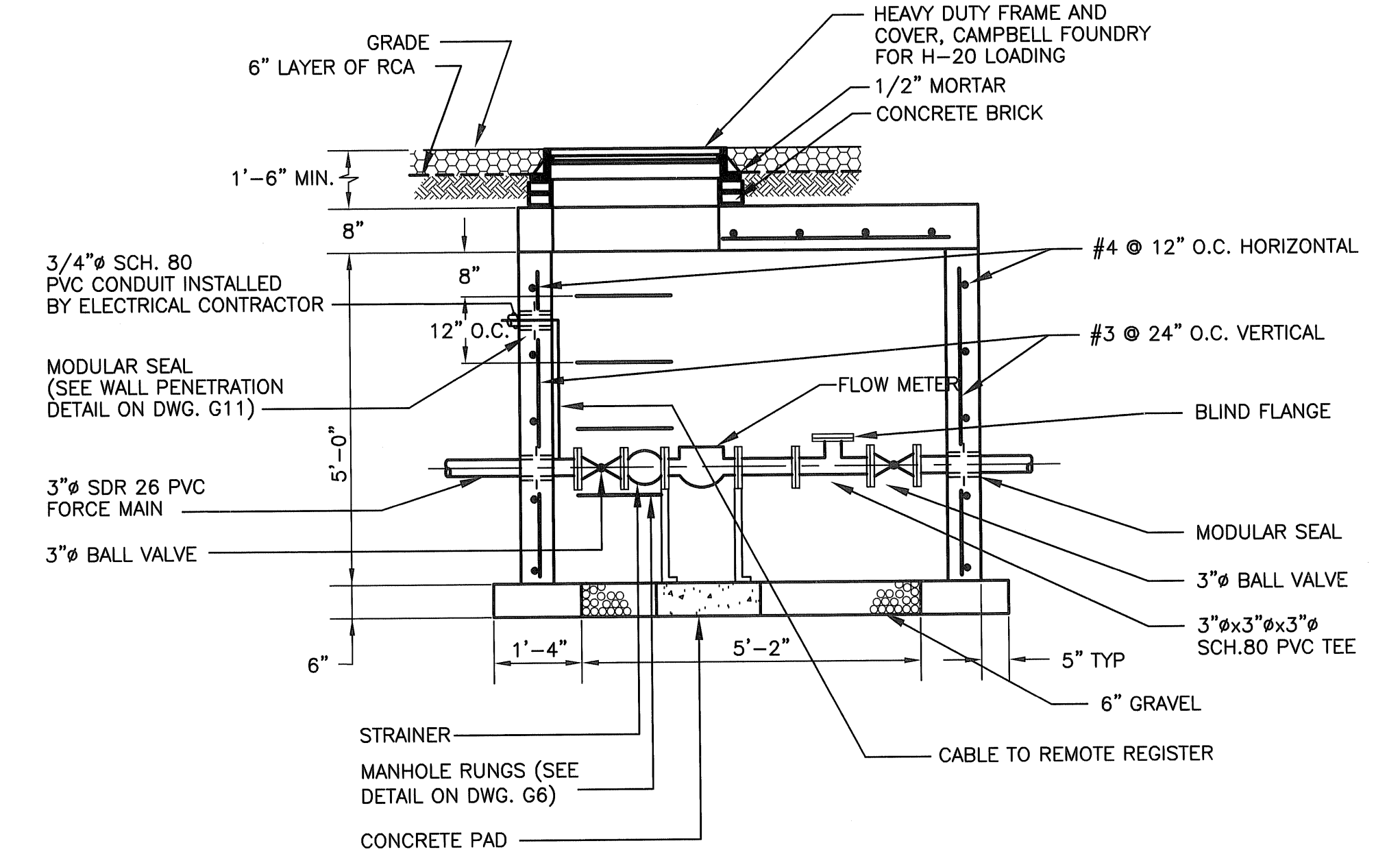
CHECK VALVE SUPPORT DETAIL

N.T.S.



FLOW METER VAULT PLAN (WITHOUT MANHOLE COVER)

SCALE: 1/2"=1'-0"



FLOW METER VAULT SECTION

SCALE: 1/2"=1'-0"

PROJECT RECORD

NO.	DATE	REVISION	INT.
1	11/4/02	ORIGINAL DRAWINGS BY DVIRKA AND BARTILUCCI-REVISED BY URS	
2	10/9/03	AS-BUILT	
3	MAY 2004	FINAL AS-BUILT	



"THESE AS-BUILT DRAWINGS ARE BEING CERTIFIED SOLELY FOR COMPLIANCE WITH THE CONSTRUCTION DRAWINGS AND APPROVED CHANGES. URS IS CERTIFYING THAT THE AS-BUILT DIMENSIONS ARE NOMINAL AND WITHIN THE CONTRACT TOLERANCES."

URS
WAYNE, NEW JERSEY

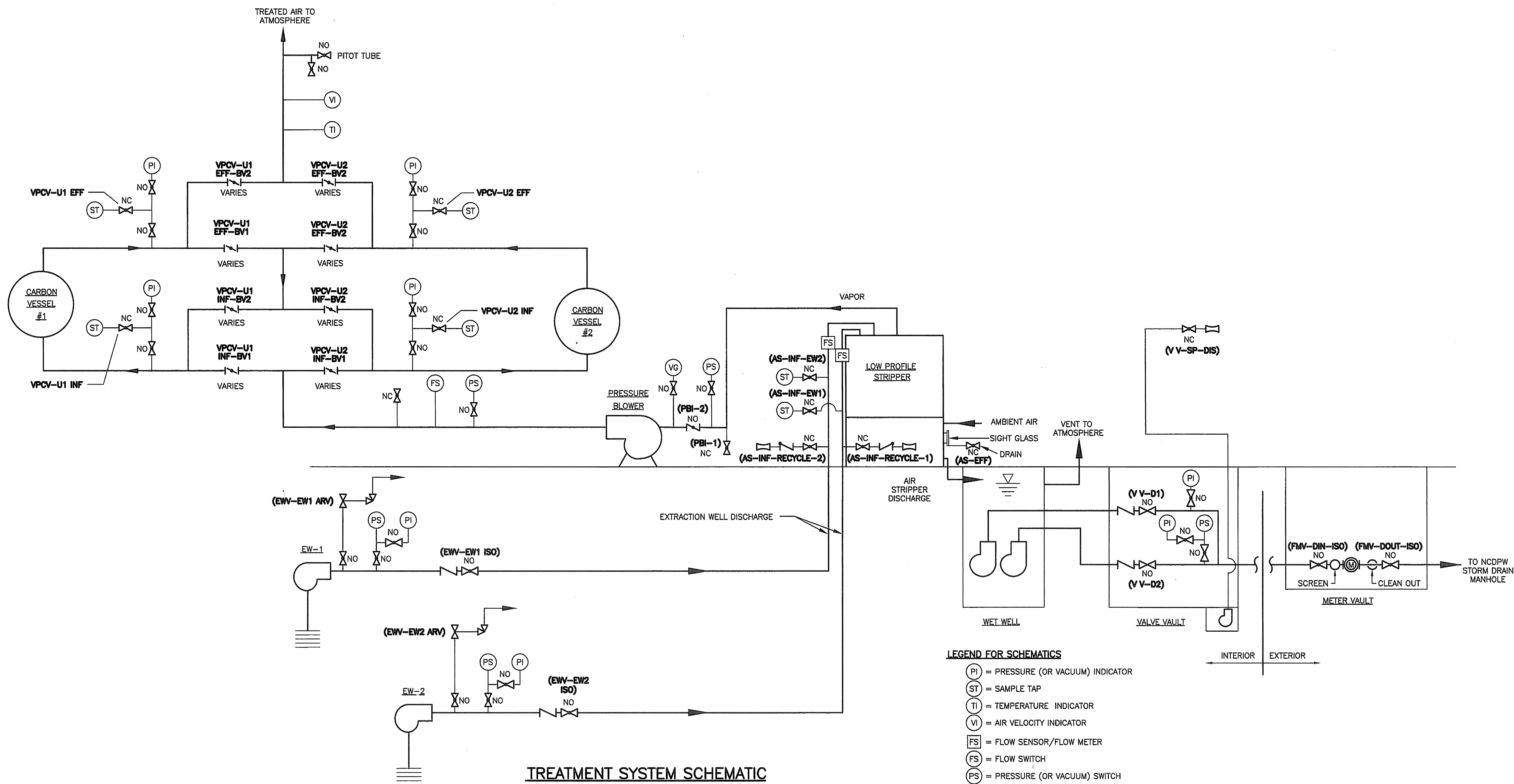
NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004264

MECHANICAL SECTIONS, SCHEMATICS AND
FLOW METER VAULT

PROJECT NO.
807260
DATE:
MAY 2004
SCALE:
AS NOTED

DRAWING NO.

G10

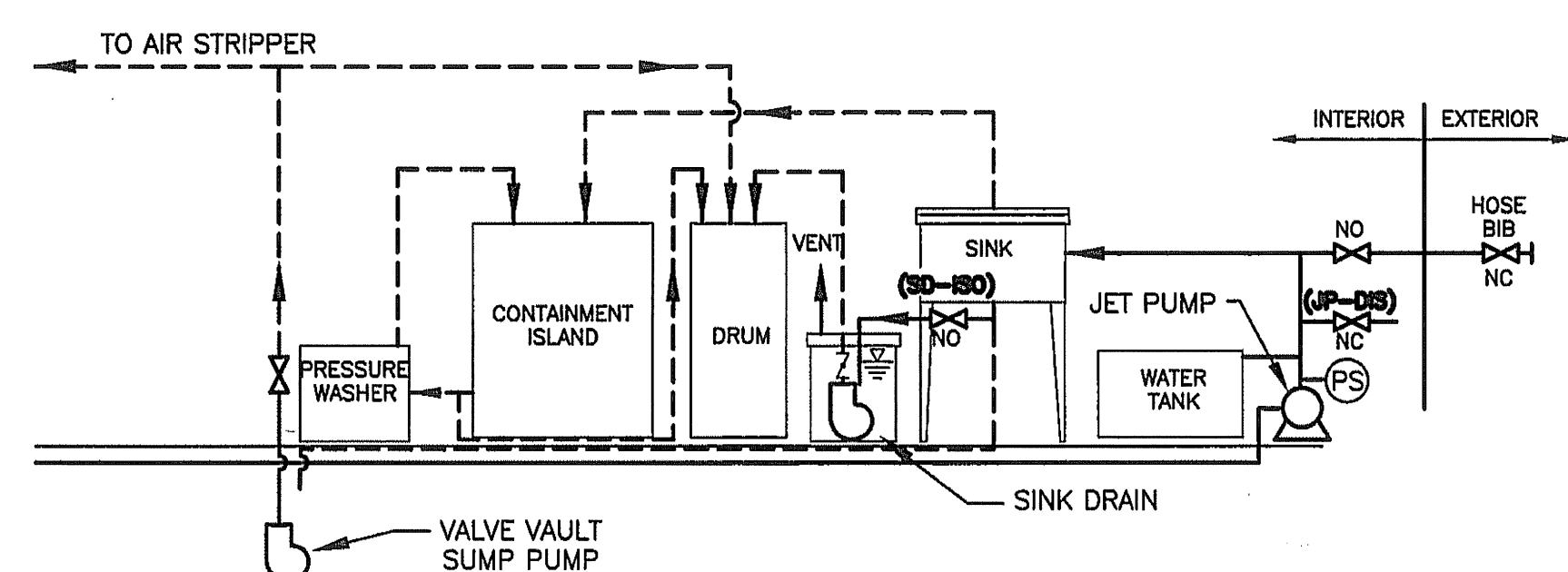


LEGEND FOR SCHEMATICS

PI = PRESSURE (OR VACUUM) INDICATOR
 ST = SAMPLE TAP
 TI = TEMPERATURE INDICATOR
 VI = AIR VELOCITY INDICATOR
 FS = FLOW SENSOR/FLOW METER
 FS = FLOW SWITCH
 PS = PRESSURE (OR VACUUM) SWITCH
 — RIGID PIPING
 --- HOSE

CARBON VESSEL VALVE POSITION SCHEDULE

UNIT OPERATIONS	CARBON VESSEL NO.1				CARBON VESSEL NO.2			
	VPCV-U1-INF-BV1	VPCV-U1-INF-BV2	VPCV-U1-EFF-BV1	VPCV-U1-EFF-BV2	VPCV-U2-INF-BV1	VPCV-U2-INF-BV2	VPCV-U2-EFF-BV1	VPCV-U2-EFF-BV2
SERIES FLOW FROM CARBON VESSEL NO. 1 TO CARBON VESSEL NO. 2	OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE	CLOSE	OPEN
SERIES FLOW FROM CARBON VESSEL NO. 2 TO CARBON VESSEL NO. 1	CLOSE	OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE	OPEN
ISOLATION OF CARBON VESSEL NO. 1	OPEN	CLOSE	OPEN	CLOSE	CLOSE	CLOSE	CLOSE	CLOSE
ISOLATION OF CARBON VESSEL NO. 2	CLOSE	CLOSE	CLOSE	CLOSE	OPEN	CLOSE	CLOSE	OPEN
PARALLEL FLOW FROM CARBON VESSEL NO. 1 TO CARBON VESSEL NO. 2	OPEN	CLOSE	CLOSE	OPEN	OPEN	CLOSE	CLOSE	OPEN



SCHEMATIC FOR UTILITY SINK, CONTAINMENT ISLAND AND RELATED EQUIPMENT

VALVE SCHEDULE

ID	size	type	MOC	Position	SERVICE	Location
N/A	1"	ball	BM	NO	Vapor/Liquid - EW1	EW1 air relief isolation
N/A	1"	ball	BM	NO	Vapor/Liquid - EW2	EW2 air relief isolation
EWV-EW1-ARV	1"	air relief	BM	NO	Vapor/Liquid - EW1	EW1 air relief
EWV-EW2-ARV	1"	air relief	BM	NO	Vapor/Liquid - EW2	EW2 air relief
PBI-1	1/4"	ball	SS	NC	Vapor/Liquid - drain	Blower suction - header pipe drain
N/A	1/4"	ball	SS	NO	Vapor - instrumentation	Blower suction vacuum gauge
N/A	1/4"	ball	SS	NO	Vapor - instrumentation	Blower suction - vacuum switch
N/A	1/4"	ball	SS	NO	Vapor - instrumentation	Blower discharge - pressure switch
N/A	1"	ball	PVG	NO	Vapor - instrumentation	Blower discharge - extra
PBI-2	8"	Butterfly	PVC	NO	Vapor - Discharge	Blower suction
VPCV-U1-INF-BV1	6"	Butterfly	PVC	NO	Vapor - Discharge	VPC manifold Unit 1 Inlet 1
VPCV-U1-INF-BV2	6"	Butterfly	PVC	NO	Vapor - Discharge	VPC manifold Unit 1 Inlet 2
VPCV-U2-INF-BV1	6"	Butterfly	PVC	NO	Vapor - Discharge	VPC manifold Unit 2 Inlet 1
VPCV-U2-INF-BV2	6"	Butterfly	PVC	NO	Vapor - Discharge	VPC manifold Unit 2 Inlet 2
VPCV-U1-EFF-BV1	6"	Butterfly	PVC	NO	Vapor - Discharge	VPC manifold Unit 1 Discharge 1
VPCV-U1-EFF-BV2	6"	Butterfly	PVC	NO	Vapor - Discharge	VPC manifold Unit 1 Discharge 2
VPCV-U2-EFF-BV1	6"	Butterfly	PVC	NO	Vapor - Discharge	VPC manifold Unit 2 Discharge 1
VPCV-U2-EFF-BV2	6"	Butterfly	PVC	NO	Vapor - Discharge	VPC manifold Unit 2 Discharge 2
N/A	1/4"	ball	SS	NO	Vapor	VPC Unit 1 Inlet sample/gauge iso.
VPCV-U1-INF	1/4"	ball	SS	NC	Vapor	VPC Unit 1 Inlet sample tap.
N/A	1/4"	ball	SS	NO	Vapor	VPC Unit 1 Inlet gauge iso.
N/A	1/4"	ball	SS	NO	Vapor	VPC Unit 1 Outlet sample/gauge iso.
VPCV-U1-EFF	1/4"	ball	SS	NC	Vapor	VPC Unit 1 Outlet sample tap.
N/A	1/4"	ball	SS	NO	Vapor	VPC Unit 2 Inlet sample/gauge iso.
VPCV-U2-INF	1/4"	ball	SS	NC	Vapor	VPC Unit 2 Inlet sample tap.
N/A	1/4"	ball	SS	NO	Vapor	VPC Unit 2 Inlet gauge iso.
N/A	1/4"	ball	SS	NO	Vapor	VPC Unit 2 Outlet sample/gauge iso.
VPCV-U2-EFF	1/4"	ball	SS	NC	Vapor	VPC Unit 2 Outlet sample tap.
N/A	1/4"	ball	SS	NO	Vapor	VPC Unit 2 Outlet gauge iso.
N/A	1/8"	ball	BRASS	NO	Vapor	Pilot tube high
N/A	1/8"	ball	BRASS	NO	Vapor	Pilot tube low

ID	size	type	MOC	Position	SERVICE	Location
N/A	2"	Ball Check	PVC	—	Liquid - un-Treated	EW1 vault
N/A	2"	Ball Check	PVC	—	Liquid - un-Treated	EW2 vault
EWV-EW1-ISO	2"	Ball Valve	PVC	NO	Liquid - un-Treated	EW1 vault
EWV-EW2-ISO	2"	Ball Valve	PVC	NO	Liquid - un-Treated	EW2 vault
N/A	1/4"	ball	SS	NO	Liquid - un-Treated	EW1 - PI Isolation
N/A	1/4"	ball	SS	NO	Liquid - un-Treated	EW2 - PI Isolation
N/A	1/4"	ball	SS	NO	Liquid - un-Treated	EW1 - PS Isolation
N/A	1/4"	ball	SS	NO	Liquid - un-Treated	EW2 - PS Isolation
AS-INF-RECYCLE-1	1 1/4"	Ball	PVC	NC	Liquid - un-Treated	AS recycle #1
AS-INF-RECYCLE-2	1 1/4"	Ball	PVC	NC	Liquid - un-Treated	AS recycle #2
AS-INF-EW1	1/4"	ball	SS	NC	Liquid - un-Treated	AS/EW #1 sample tap
AS-INF-EW2	1/4"	ball	SS	NC	Liquid - un-Treated	AS/EW #2 sample tap
AS-EFF	3/4"	ball	SS	NC	Liquid - Treated	AS sight glass drain
VV-D1	4"	Gate	DI	NO	Liquid - Treated Water	Valve Vault - Pump 1 discharge
VV-D2	4"	Gate	DI	NO	Liquid - Treated Water	Valve Vault - Pump 2 discharge
N/A	4"	swing check	DI	—	Liquid - Treated Water	Valve Vault - Pump 1 discharge
N/A	4"	swing check	DI	—	Liquid - Treated Water	Valve Vault - Pump 2 discharge
N/A	1/4"	ball	SS	NO	Liquid - Treated Water	Valve vault - PUPPS iso.
SD-ISO	1 1/2"	ball	PVC	NO	Liquid - Treated Water	West Wall
JP-SDS	3/4"	ball	PVC	NC	Liquid - Treated Water	West Wall
VV-SP-018	1 1/4"	ball	PVC	NC	Liquid - Treated Water	South Wall
FMV-DIN-ISO	3"	ball	PVC	NO	Liquid - Treated Water	Meter Vault
FMV-DOUT-ISO	3"	ball	PVC	NO	Liquid - Treated Water	Meter Vault

PROJECT RECORD

NO.	DATE	REVISION	INT.
1	1/4/02	ORIGINAL DRAWINGS BY DVIRKA AND BARTILUCCI—REVISED BY URS	
2	10/9/03	AS—BUILT	
3	MAY 2004	FINAL AS—BUILT	

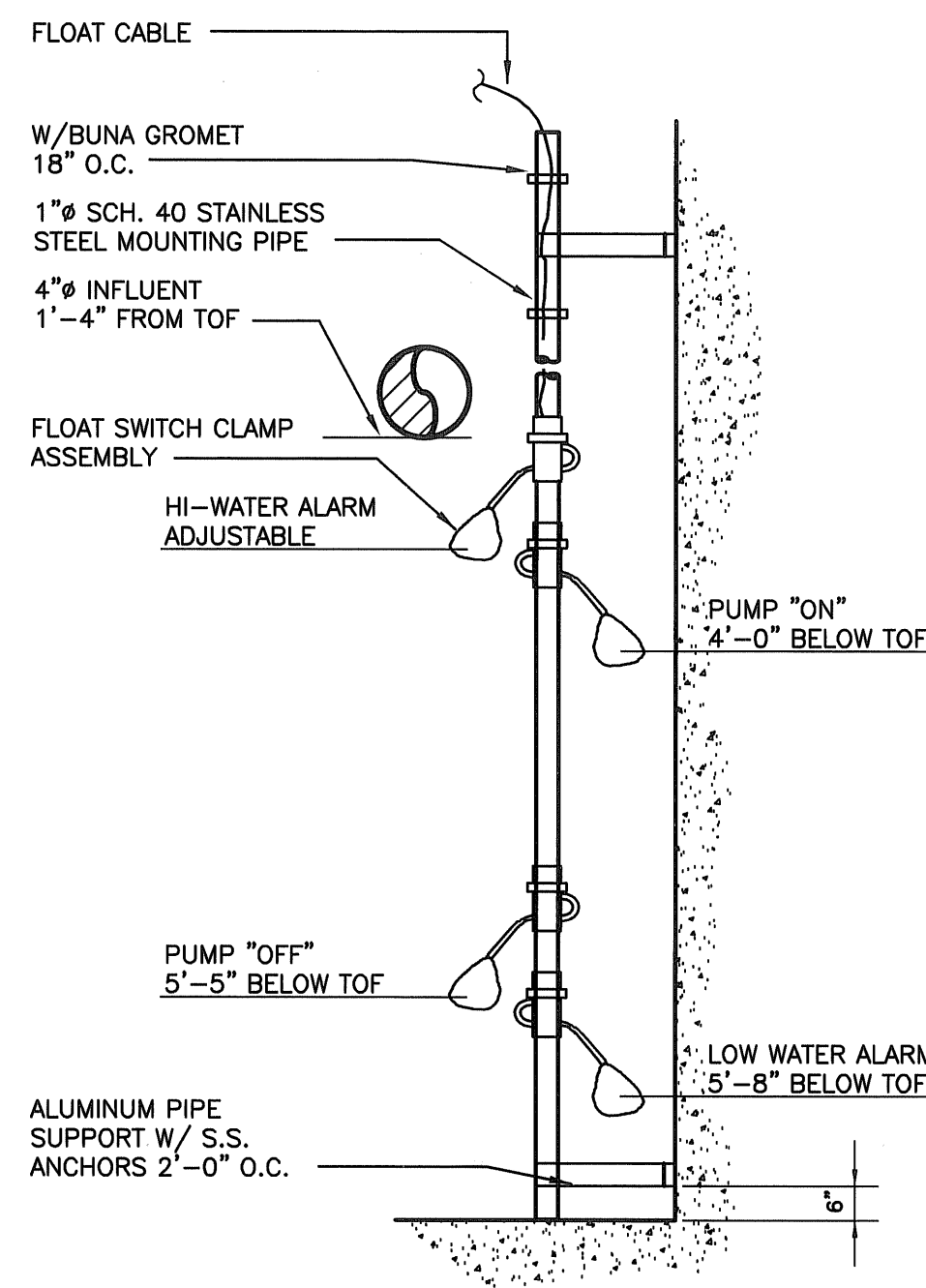


URS
WAYNE, NEW JERSEY

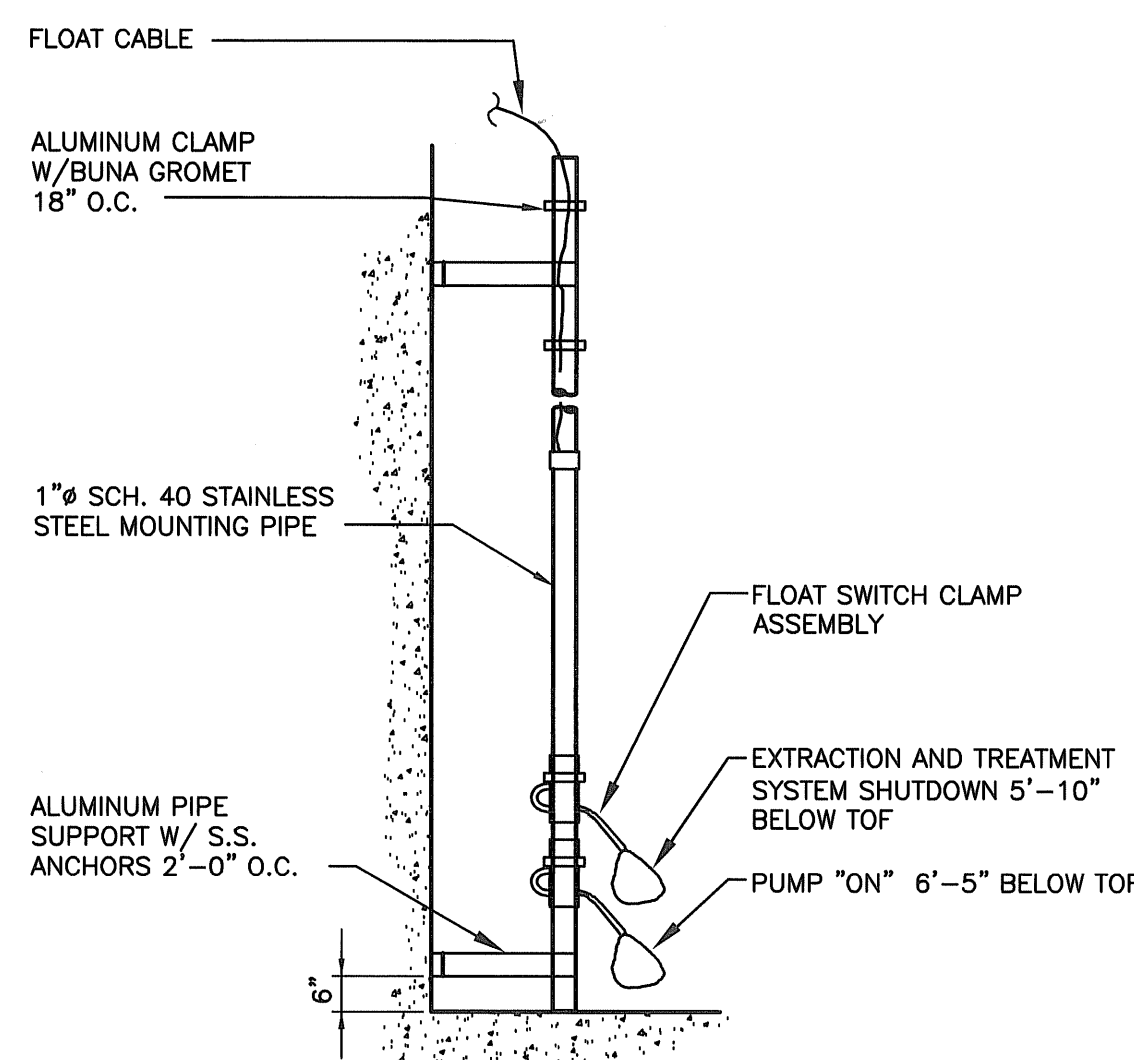
NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004264

SCHEMATICS AND VALVE SCHEDULE

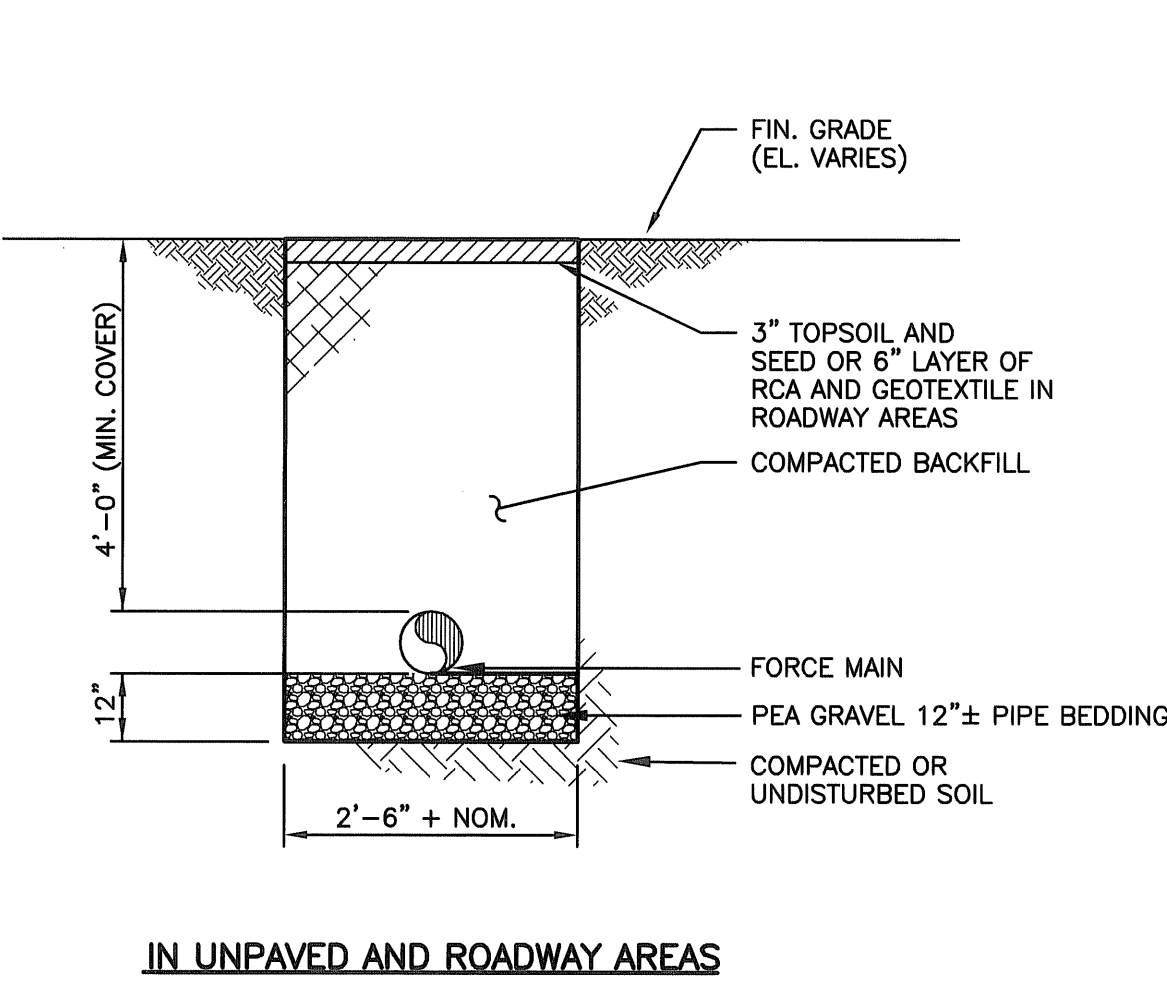
PROJECT NO.	807260	DRAWING NO.	G10A
DATE	MAY 2004		
SCALE	NONE		



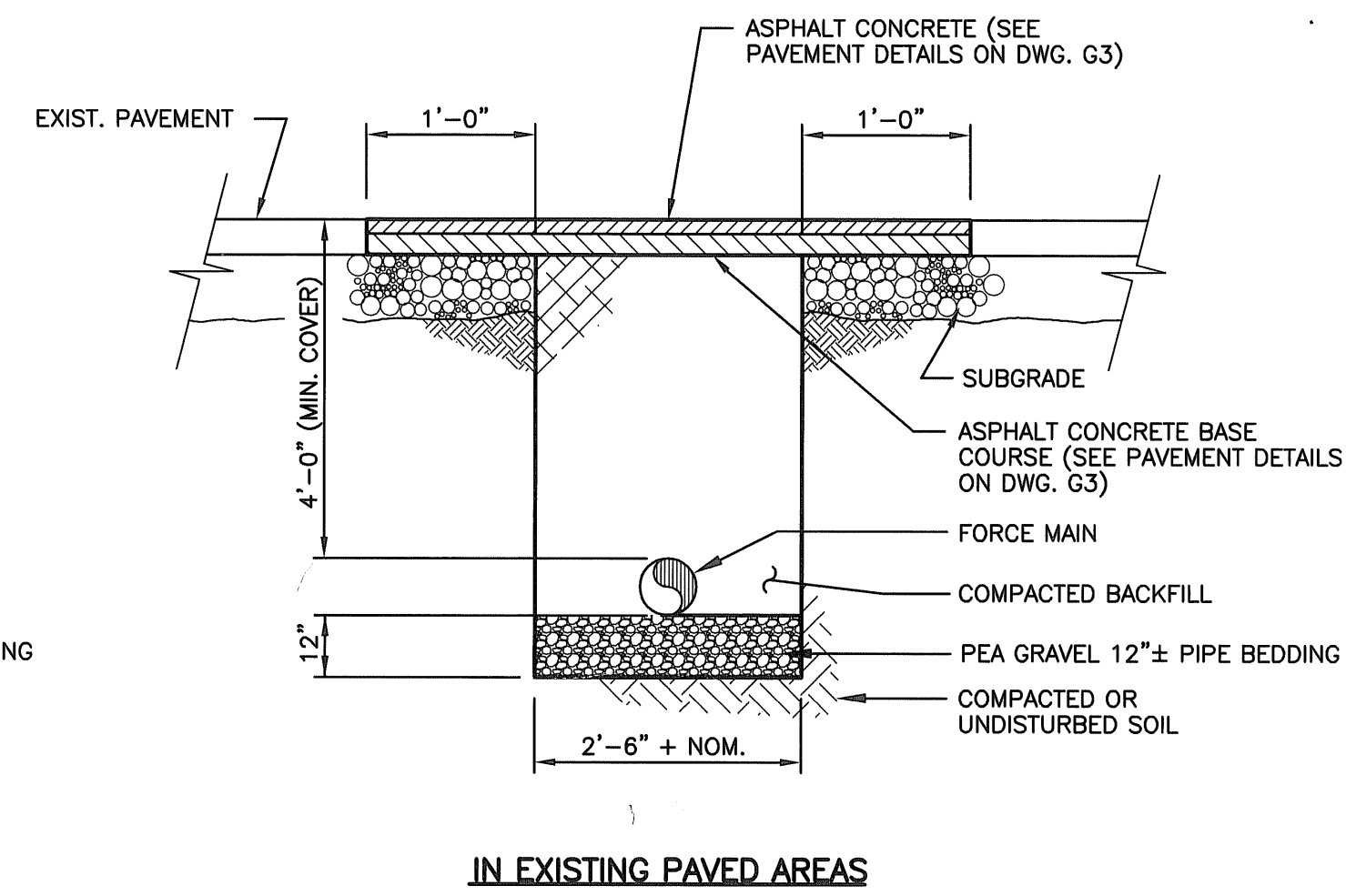
WET WELL PUMP FLOAT CONTROL DETAIL
N.T.S.



VALVE VAULT SUMP FLOAT DETAIL
N.T.S.

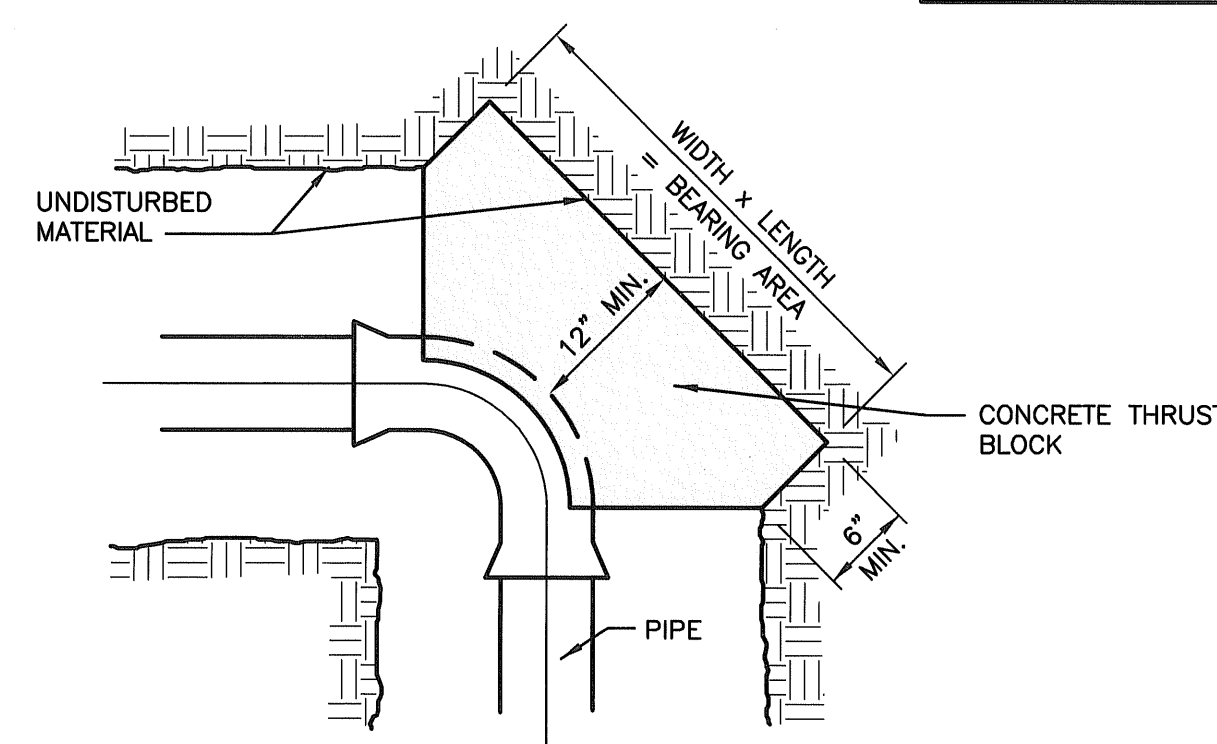


IN UNPAVED AND ROADWAY AREAS



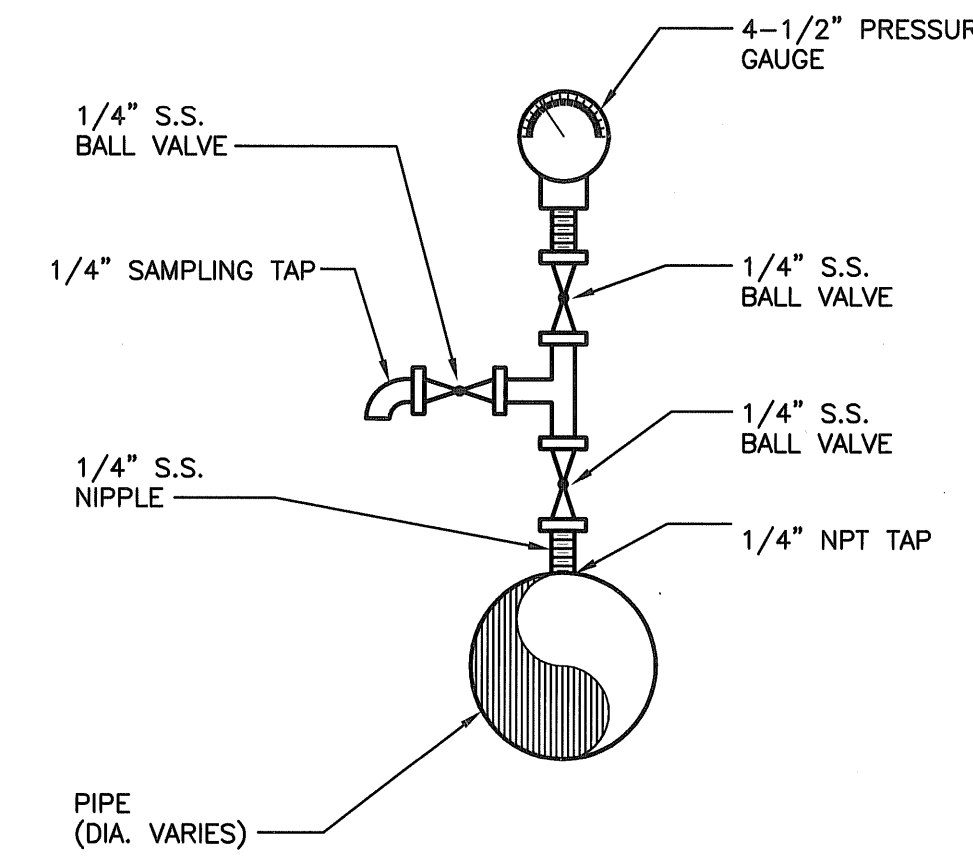
IN EXISTING PAVED AREAS

PIPE SIZE	FITTING TYPE					
	11-1/4"	22-1/2"	45"	90"	TEE	WYE
2"	0.30	0.30	0.30	0.60	0.30	-
3"	0.60	0.60	0.60	1.2	0.60	-

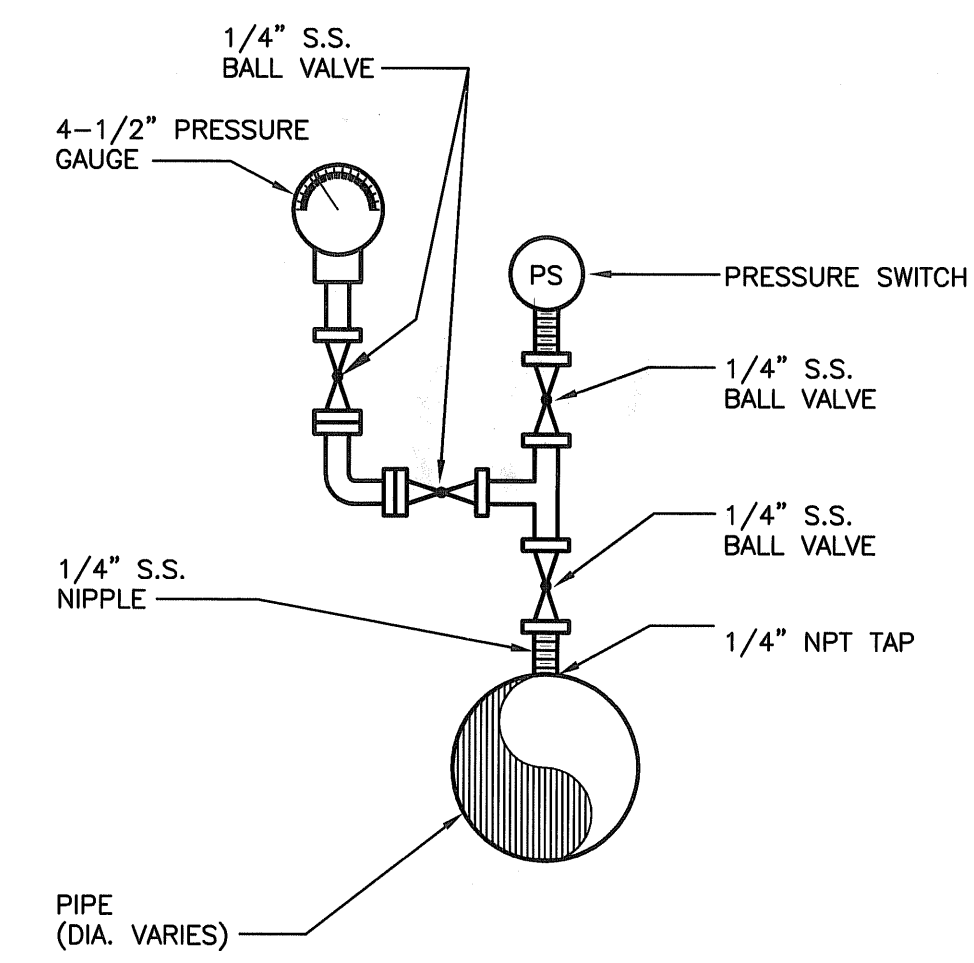


NOTE: THRUST BLOCKS HAVE BEEN PROVIDED PER SPECIFICATIONS AT ALL CHANGES IN DIRECTION HORIZONTAL OR VERTICAL AND ALL OTHER POINTS REQUIRING RESISTANCE TO PRESSURE.

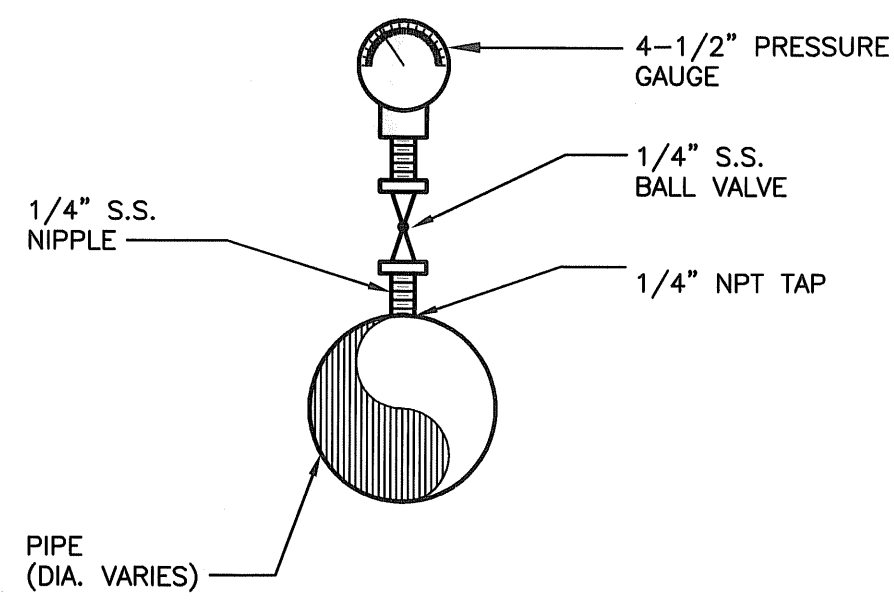
CONCRETE THRUST BLOCK
N.T.S.



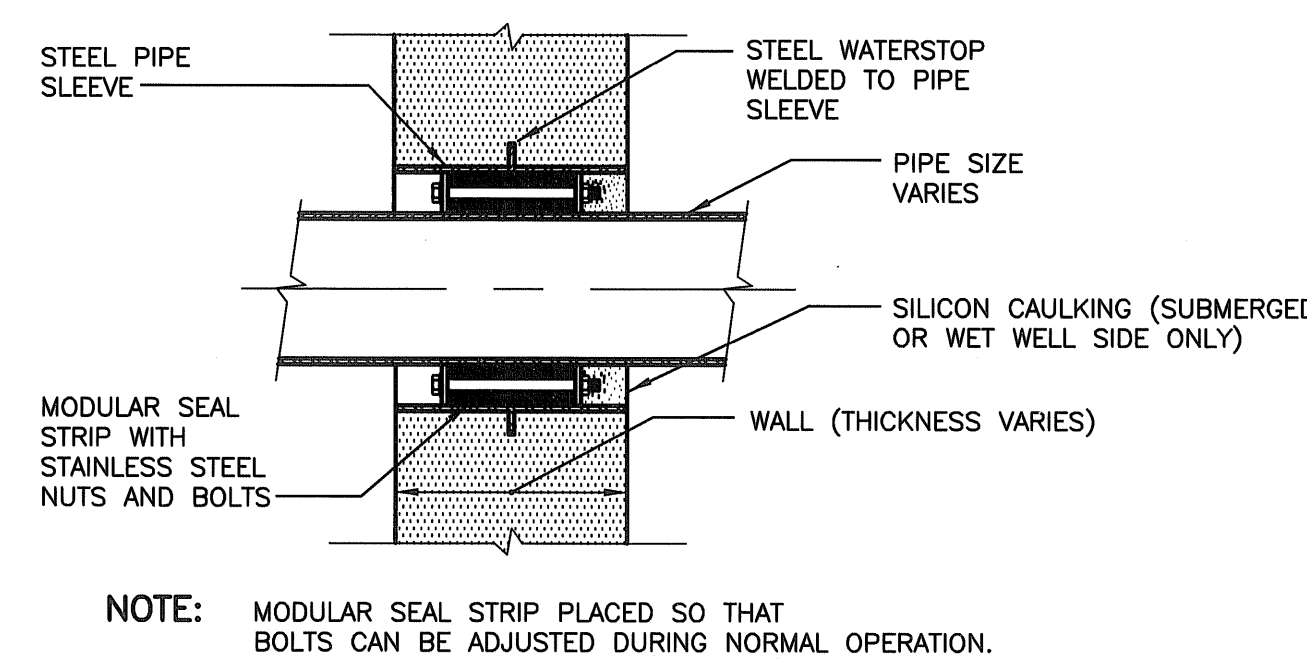
TYPICAL PRESSURE GAUGE SAMPLE TAP ASSEMBLY DETAIL
N.T.S.



TYPICAL PRESSURE GAUGE PRESSURE SWITCH DETAIL
N.T.S.

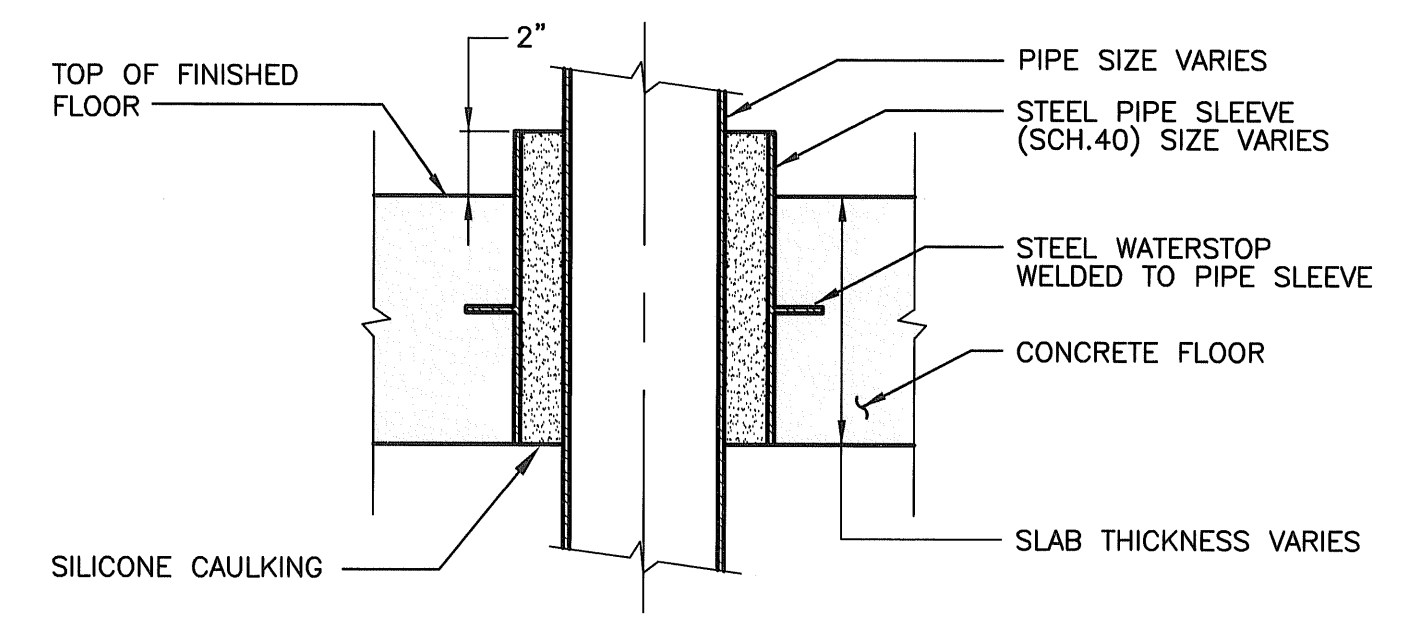


TYPICAL PRESSURE GAUGE MOUNTING DETAIL
N.T.S.

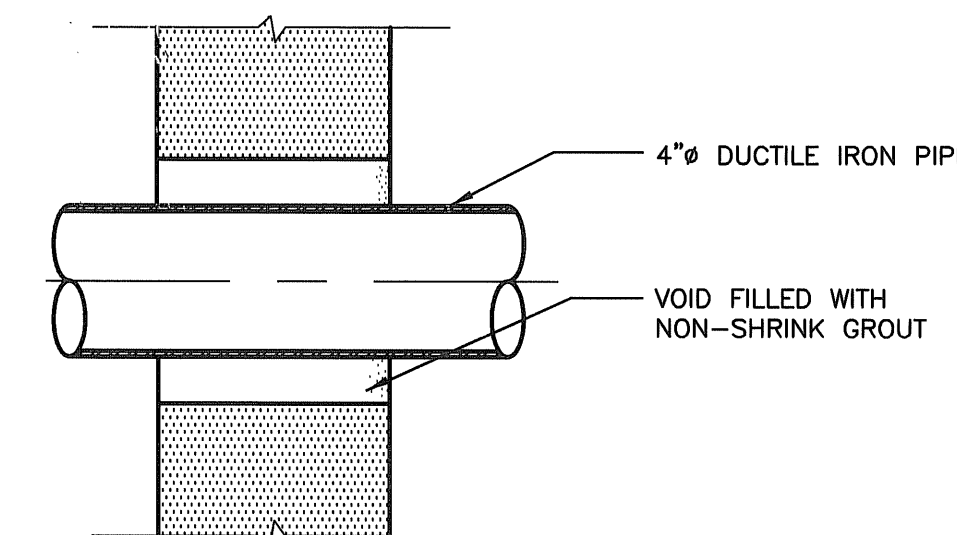


NOTE: MODULAR SEAL STRIP PLACED SO THAT BOLTS CAN BE ADJUSTED DURING NORMAL OPERATION.

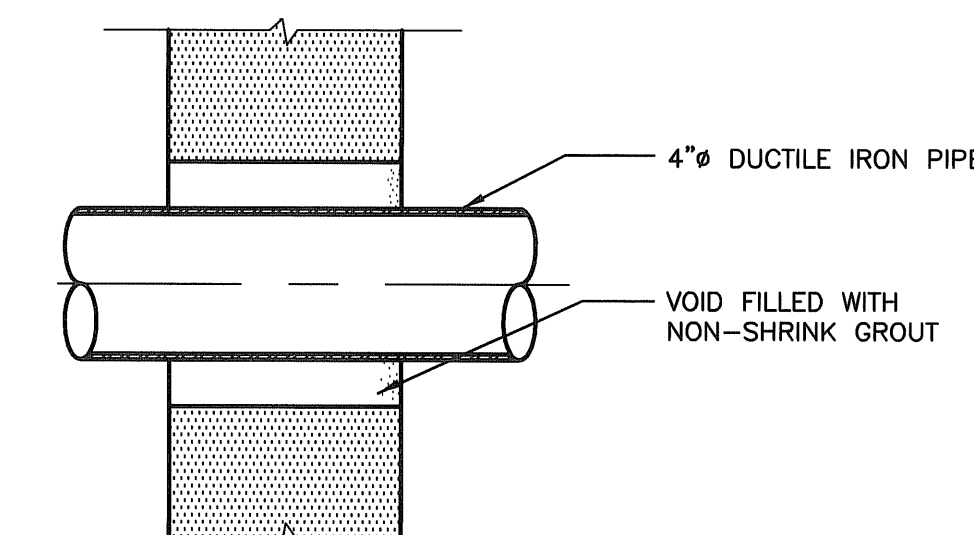
TYPICAL PIPE PENETRATION THRU WALL
N.T.S.
(USE FOR ALL NEW WALL PENETRATIONS)



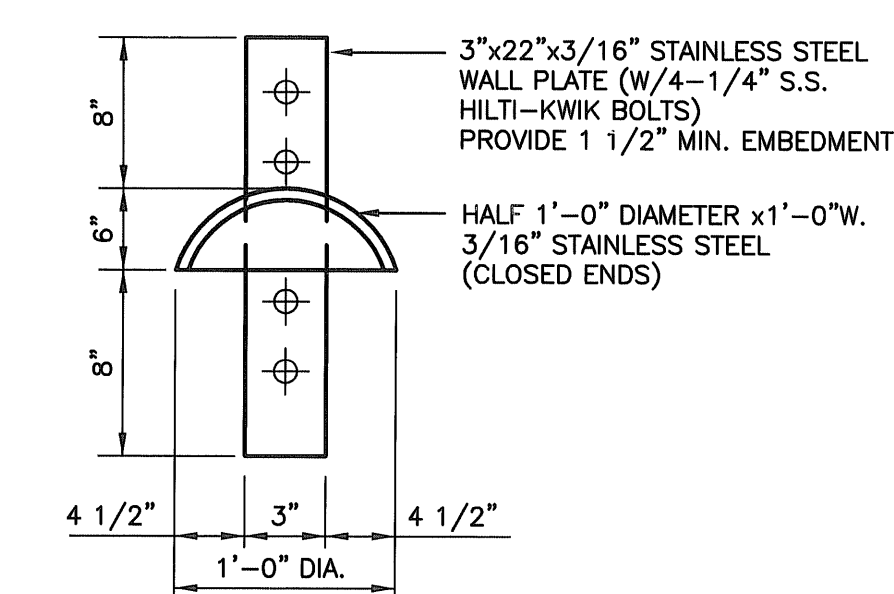
TYPICAL PIPE PENETRATION THRU FLOOR
N.T.S.



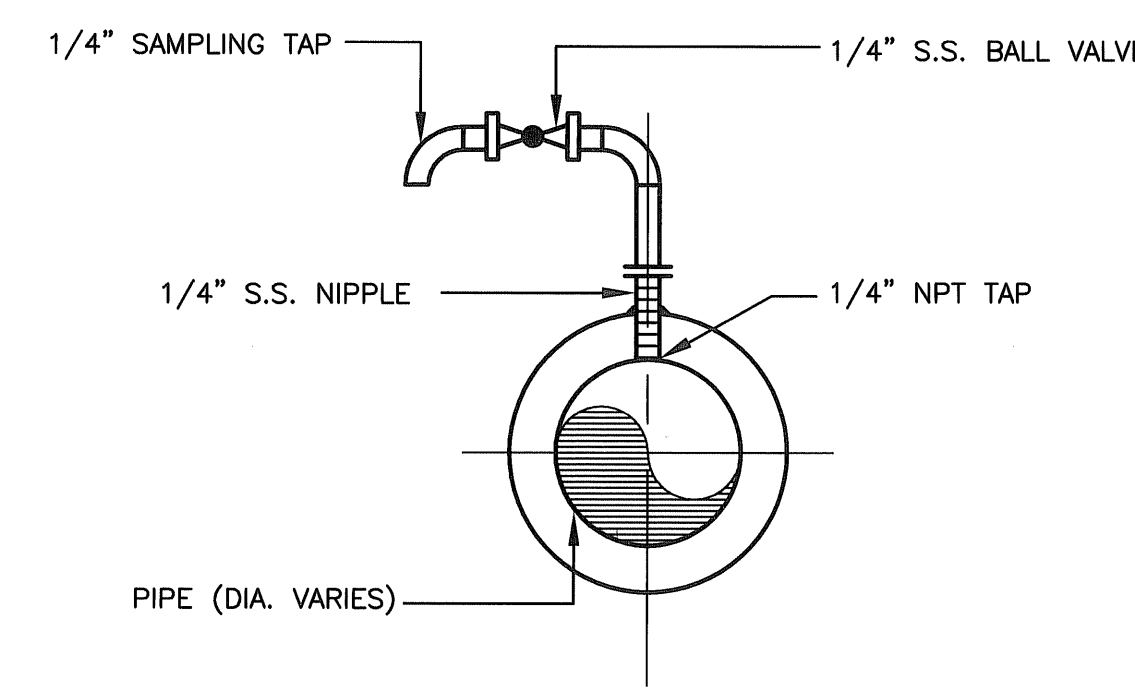
VALVE VAULT DUCTILE IRON PIPE PENETRATION
N.T.S.



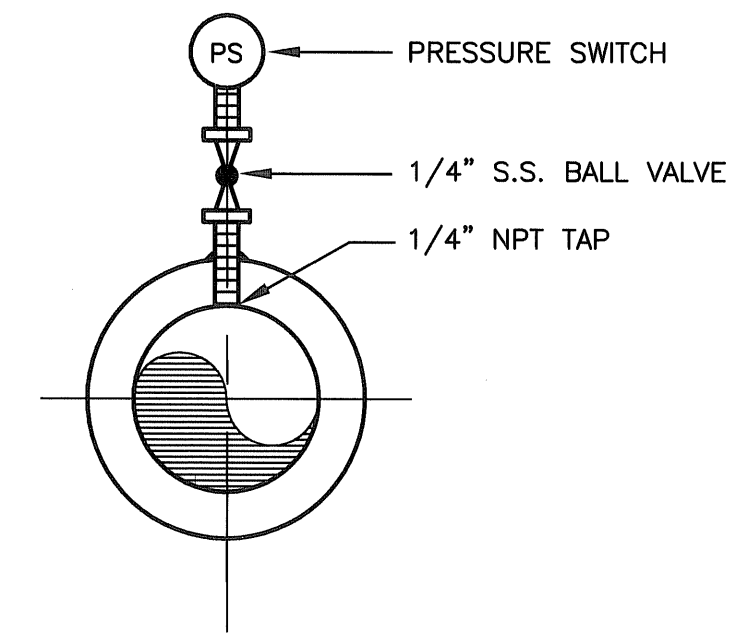
WET WELL DISCHARGE PIPE PENETRATION
N.T.S.



HOSE REEL DETAIL
N.T.S.
(LOCATE 3'-0" A.F.F. AS SHOWN ON DRAWING G8)



TYPICAL SAMPLE TAP ASSEMBLY
N.T.S.



TYPICAL PRESSURE SWITCH ASSEMBLY DETAIL
N.T.S.

PROJECT RECORD

THE FEB 20, 2001 08:33 A.M. C:\1640\DW\JESON\1640-12.DWG

NO.	DATE	REVISION	INT.
1	1/4/02	ORIGINAL DRAWINGS BY DVIRKA AND BARTILUCCI-REVISED BY URS	
2	10/9/03	AS-BUILT	
3	MAY 2004	FINAL AS-BUILT	



"THESE AS-BUILT DRAWINGS ARE BEING CERTIFIED SOLELY FOR COMPLIANCE WITH THE CONSTRUCTION DRAWINGS AND APPROVED CHANGES. URS IS CERTIFYING THAT THE AS-BUILT DIMENSIONS ARE NOMINAL AND WITHIN THE CONTRACT TOLERANCES."

URS
WAYNE, NEW JERSEY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION AND TREATMENT SYSTEM
CONTRACT D004264

MECHANICAL DETAILS

PROJECT NO.	807260	DRAWING NO.	G11
DATE:	MAY 2004		
SCALE:	N.T.S.		

This document has been reviewed, coordinated and checked in detail for accuracy of content and for compliance with the Contract Drawing.

Date _____

Contractor J.K. ELECTRIC CO. INC.

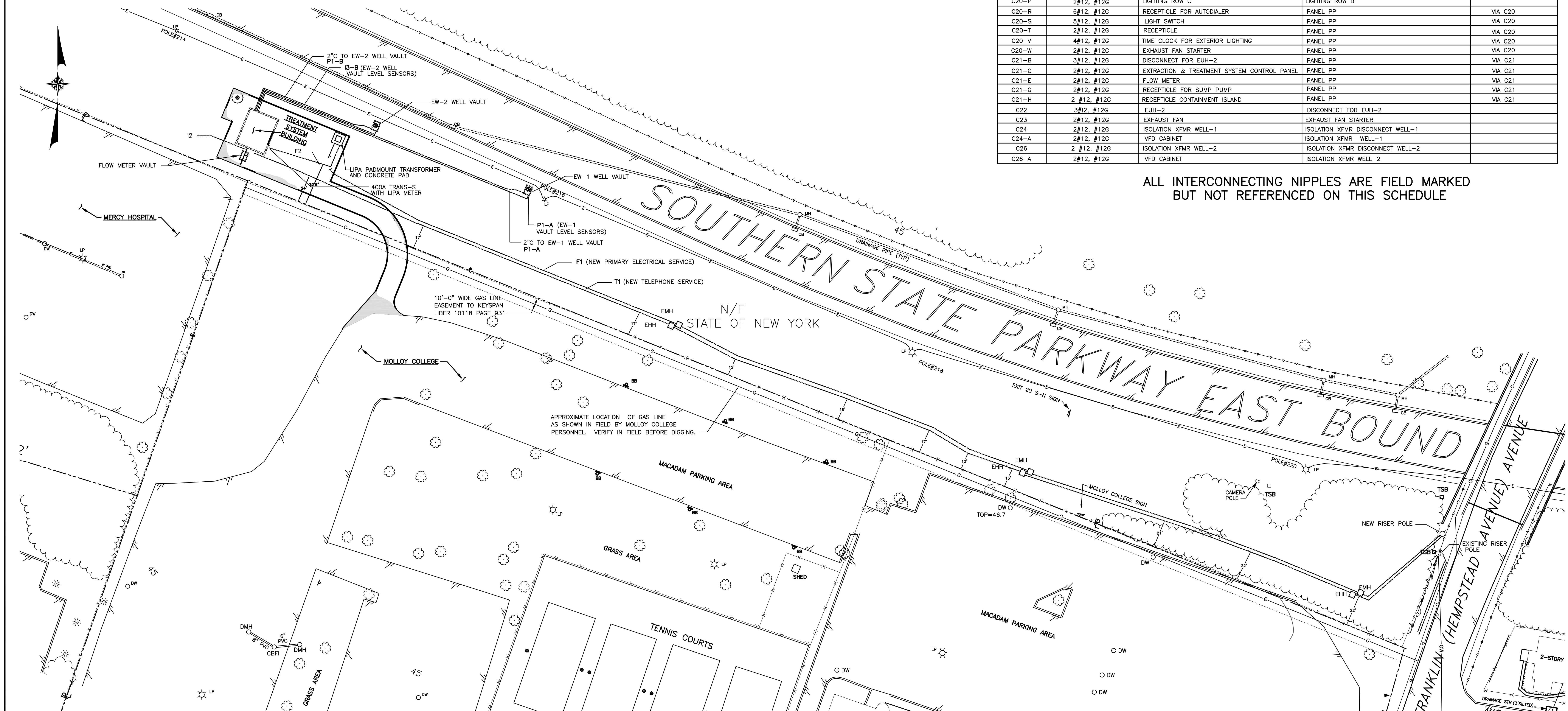
Signed

CONDUIT AND CABLE SCHEDULE				
CONDUIT NUMBER	CABLE	FROM	TO	REMARKS
F1	3#2 AL	RISER POLE	LIPA PADMOUNT TRANSFORMER	PRIMARY ELECTRICAL SERVICE
F2	4-500KCMIL	LIPA PADMOUNT TRANSFORMER	POWER PANEL PP	208Y/120 SECONDARY SERVICE
T1	DRAG LINE	RISER POLE	TELEPHONE SERVICE TERMINAL	
T2	CAT-5	TELEPHONE SERVICE TERMINAL	TELEPHONE PULL BOX	
T3	CAT-5	TELEPHONE PULL BOX	TELEPHONE	
T4	4#14	EXTRACTION AND TREATMENT SYSTEM CONTROL PANEL	TELEPHONE PULL BOX	
P1	6#12, #12G	VFD CABINET	OUTDOOR PULL BOX	
P1-A	5#12 ,#12G	OUTDOOR PULL BOX	JUNCTION BOX IN EW-1 WELL VAULT	
P1-B	5#12 ,#12G	OUTDOOR PULL BOX	JUNCTION BOX IN EW-2 WELL VAULT	
P3	3#2, #9G	BLOWER	RVSS MOTOR STARTER FOR BLOWER	
P4	FLOAT SWITCH CABLES	FLOAT SWITCHES IN WET WELL	SUBMERSIBLE PUMP CONTROL PANEL;	
P5	PUMP CABLES	SUBMERSIBLE PUMPS #1 & 2	SUBMERSIBLE PUMP CONTROL PANEL	
I1	2-3/c #18 SHIELDED	FLOW SENSORS	FLOW INDICATOR/TRANSMITTER	
I2	FLOW METER CABLE	FLOW METER IN VAULT	FLOW REGISTER IN TREATMENT BLDG.	
I3	2-3c #18 SHIELDED	EXTERIOR PULL BOX	EXTRACTION AND TREATMENT SYSTEM CONTROL PANEL	
I3A	1-3c #18 SHIELDED	EXTERIOR PULL BOX	JUNCTION BOX FOR LEVEL PROBE IN EW-1	
I3B	2-3c #18 SHIELDED	EXTERIOR PULL BOX	JUNCTION BOX FOR LEVEL PROBE IN EW-2	
A2-A	2#14	DOOR SWITCHES	TELEPHONE PULL BOX	VIA A2
A2-C	2#14	DOOR SWITCHES	TELEPHONE PULL BOX	VIA A2
A2-D	2#14	SUBMERSIBLE PUMP CONTROL PANEL	TELEPHONE PULL BOX	VIA A2
A4	2#14	EXHAUST FAN THERMOSTAT	EXHAUST FAN STARTER	

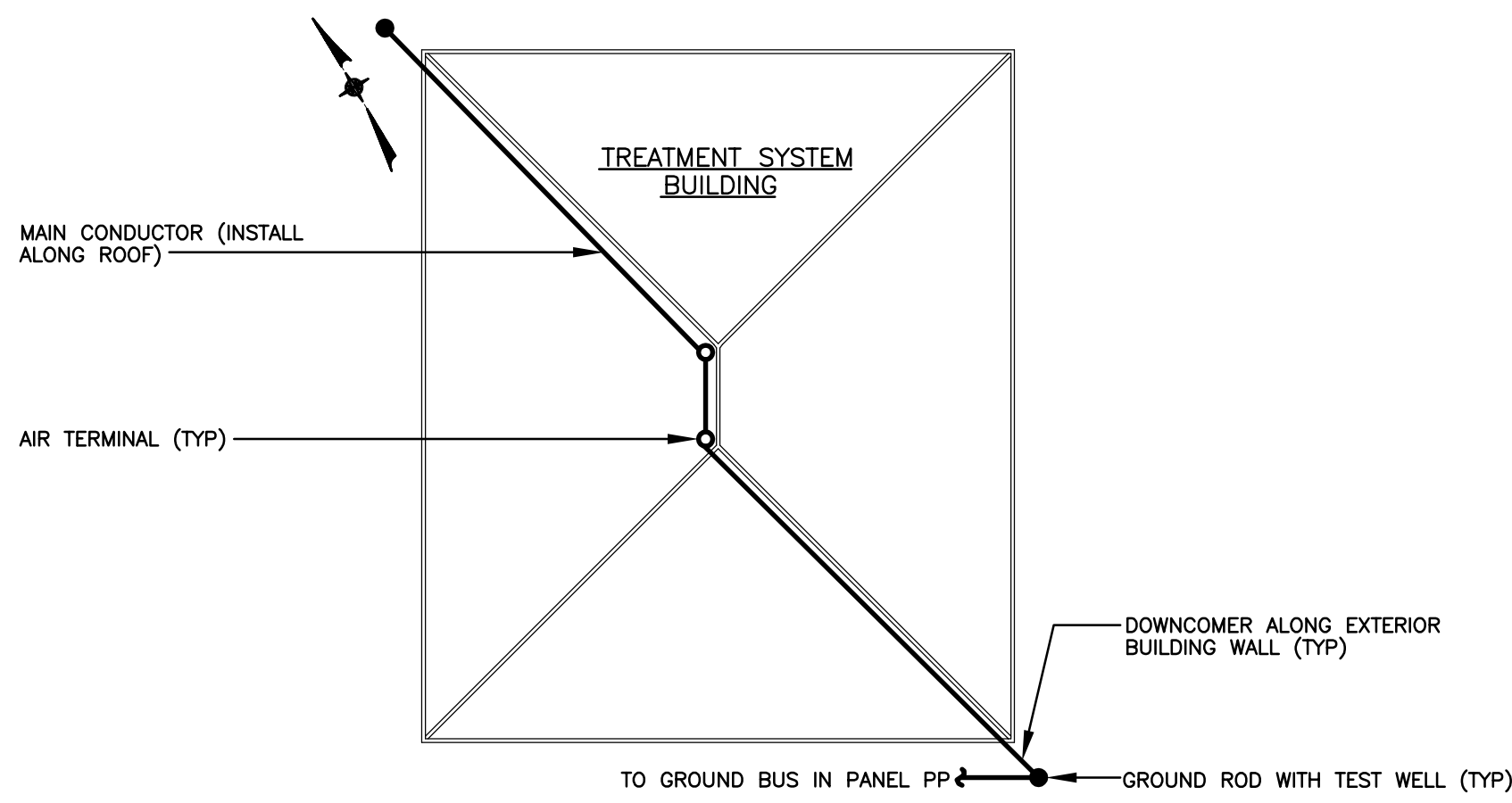
ALL INTERCONNECTING NIPPLES ARE FIELD MARKED
BUT NOT REFERENCED ON THIS SCHEDULE

CONDUIT NUMBER	CABLE	FROM	TO	REMARKS
C1-A	10#14	VFD CABINET	EXTRACTION & TREATMENT SYSTEM CONTROL PANEL	VIA C1
C1-B	4#14	OUTDOOR PULL BOX	EXTRACTION & TREATMENT SYSTEM CONTROL PANEL	VIA C1
C4-A	2#14	FLOW INDICATOR/TRANSMITTER	EXTRACTION & TREATMENT SYSTEM CONTROL PANEL	VIA C4
C4-B	2#14	FLOW SWITCH IN STRIPPER PUMP	EXTRACTION & TREATMENT SYSTEM CONTROL PANEL	VIA C4
C5-A	2#14	PRESSURE SWITCH-BLOWER DISCHARGE	EXTRACTION & TREATMENT SYSTEM CONTROL PANEL	VIA C5
C5-B	2#14	PRESSURE SWITCH-BLOWER DISCHARGE	EXTRACTION & TREATMENT SYSTEM CONTROL PANEL	VIA C5
C5-C	2#14	FLOW SWITCH ON BLOWER DISCHARGE	EXTRACTION & TREATMENT SYSTEM CONTROL PANEL	VIA C5
C6	4#14	SUBMERSIBLE PUMP CONTROL PANEL	EXTRACTION & TREATMENT SYSTEM CONTROL PANEL	
C13-B	2#12, #12G	JET PUMP STARTER	PANEL PP	VIA C13
C13-C	2#12, #12G	RECEPTICLE	PANEL PP	VIA C13
C13-D	2#14	SUBMERSIBLE PUMP CONTROL PANEL	JET PUMP STARTER	VIA C13-A & B
C14	2#12, 2#14, #12G	JET PUMP	JET PUMP STARTER	11704
C15	4#14	TERMINAL CABINET FOR FLOW/PRESSURE SWITCHES	EXTRACTION AND TREATMENT SYSTEM CONTROL PANEL	11704
C15-A	4#14	FLOW AND PRESSURE SWITCHES	TERMINAL CABINET FOR FLOAT/PRESSURE SWITCHES	11704
C16-B	2#12, #12G	RECEPTICLE	PANEL PP	VIA C16
C16-D	3#12,#12G	VFD CABINET	PANEL PP	VIA C16
C16-E	2#12, #12G	RECEPTICLE	PANEL PP	VIA C16
C16-G	2#12, #12G	ISOLATION XFMR DISCONNECT WELL-1	PANEL PP	VIA C16
C16-H	2#12, #12G	ISOLATION XFMR DISCONNECT WELL-2	PANEL PP	VIA C16
C17-A	3#10, #10G	SUBMERSIBLE PUMP CONTROL PANEL	PANEL PP	VIA C17
C17-B	3#12, #12G	DISCONNECT FOR EUH-2	PANEL PP	VIA C17
C17-C	3#12, #12G	EUH-2	DISCONNECT FOR EUH-2	VIA C17-B
C18	3-1/0,#6G	POWER WASHER RECEPTICLE	PANEL PP	
C19	3#2, #8G	RVSS MOTOR STARTER FOR BLOWER	PANEL PP	
C20-C		PULL BOX	PANEL PP	VIA C20
C20-D	2#12, #12G	EXIT LIGHT	PULL BOX	
C20-E	2#12, #12G	EMERGENCY LIGHT	PULL BOX	
C20-F	2#12, #12G	EXTERIOR LIGHT OVER ENTRANCE DOOR	TIMER	VIA C20-V
C20-G	2#12, #12G	EXTERIOR WALL PACKS	TIMER	VIA C20-V
C20-I	2#12, #12G	FLOURESENT FIX. AT FRONT DOOR	LIGHT SWITCH	VIA C20-S
C20-K	2#12, #12G	EMERGENCY LIGHT	LIGHT SWITCH	VIA C20-S
C20-L	2#12, #12G	LIGHTING ROW A	FLOURESENT FIX AT FRONT DOOR	VIA C20-J&K
C20-M	2#12, #12G	EMERGENCY LIGHT	LIGHTING ROW A	VIA C20-J
C20-O	2#12, #12G	LIGHTING ROW B	LIGHTING ROW A	VIA C20-N&I
C20-P	2#12, #12G	LIGHTING ROW C	LIGHTING ROW B	
C20-R	6#12, #12G	RECEPTICLE FOR AUTODIALER	PANEL PP	VIA C20
C20-S	5#12, #12G	LIGHT SWITCH	PANEL PP	VIA C20
C20-T	2#12, #12G	RECEPTICLE	PANEL PP	VIA C20
C20-V	4#12, #12G	TIME CLOCK FOR EXTERIOR LIGHTING	PANEL PP	VIA C20
C20-W	2#12, #12G	EXHAUST FAN STARTER	PANEL PP	VIA C20
C21-B	3#12, #12G	DISCONNECT FOR EUH-2	PANEL PP	VIA C21
C21-C	2#12, #12G	EXTRACTION & TREATMENT SYSTEM CONTROL PANEL	PANEL PP	VIA C21
C21-E	2#12, #12G	FLOW METER	PANEL PP	VIA C21
C21-G	2#12, #12G	RECEPTICLE FOR SUMP PUMP	PANEL PP	VIA C21
C21-H	2 #12, #12G	RECEPTICLE CONTAINMENT ISLAND	PANEL PP	VIA C21
C22	3#12, #12G	EUH-2	DISCONNECT FOR EUH-2	
C23	2#12, #12G	EXHAUST FAN	EXHAUST FAN STARTER	
C24	2#12, #12G	ISOLATION XFMR WELL-1	ISOLATION XFMR DISCONNECT WELL-1	
C24-A	2#12, #12G	VFD CABINET	ISOLATION XFMR WELL-1	
C26	2 #12, #12G	ISOLATION XFMR WELL-2	ISOLATION XFMR DISCONNECT WELL-2	
C26-A	2#12, #12G	VFD CABINET	ISOLATION XFMR WELL-2	

ALL INTERCONNECTING NIPPLES ARE FIELD MARKED
BUT NOT REFERENCED ON THIS SCHEDULE

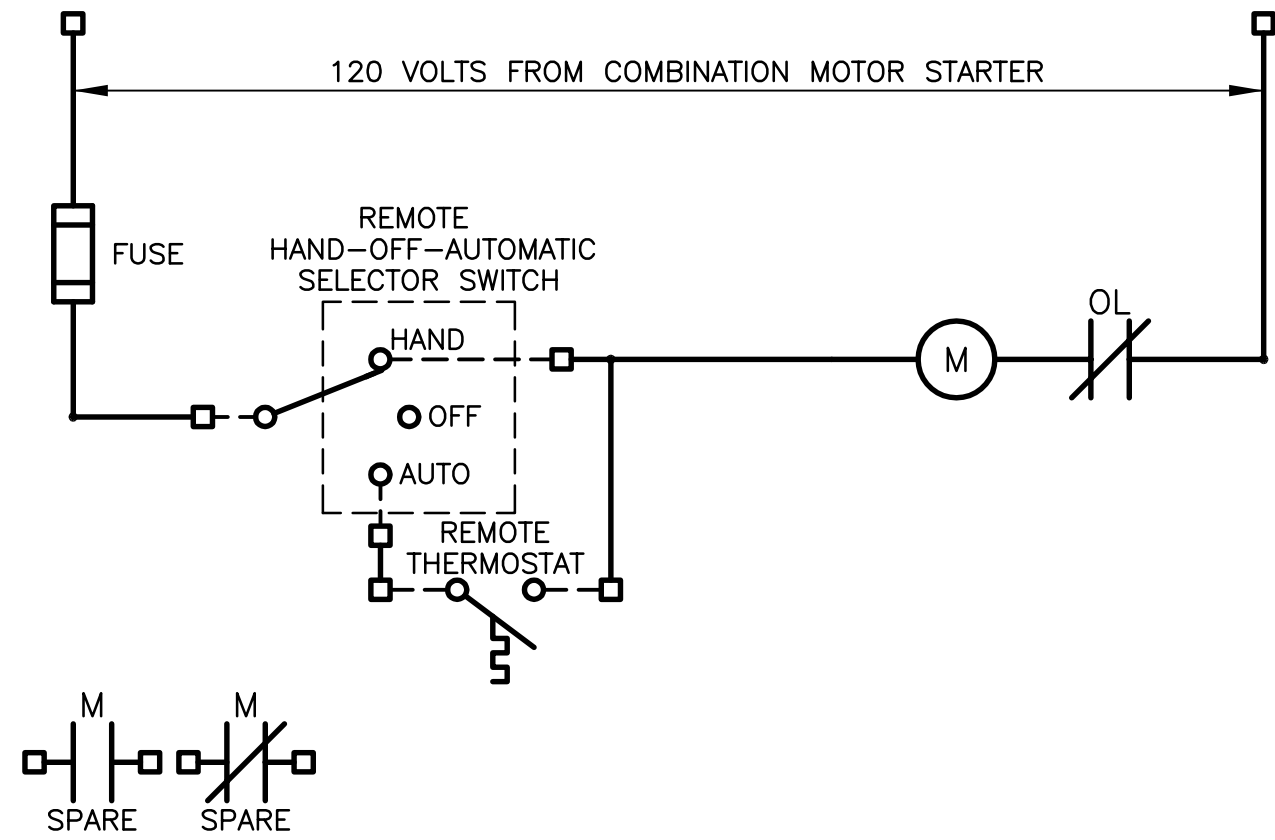


NO.	DATE	REVISION	INT.			J.K. ELECTRIC CO. INC. 374 NEPTUNE AVE. NORTH BABYLON NEW YORK 11704	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION FRANKLIN CLEANERS SITE GROUNDWATER EXTRACTION AND TREATMENT SYSTEM CONTRACT D004275		ELECTRICAL SITE PLAN AS-BUILTS	PROJECT NO.		DRAWING NO. E1
							PROJECT ENGINEER:	DRAWN BY:		DATE:	SEPTEMBER 2003	
							DESIGNED BY:	CHECKED BY:		SCALE:	1"=30'	

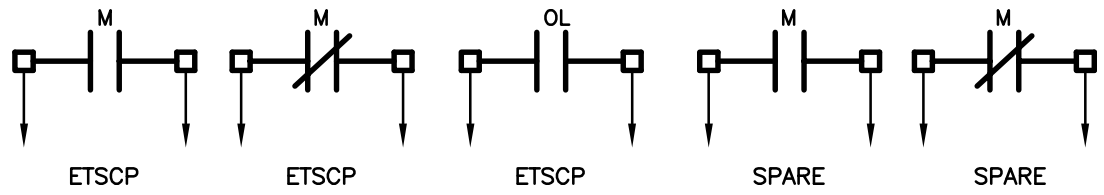
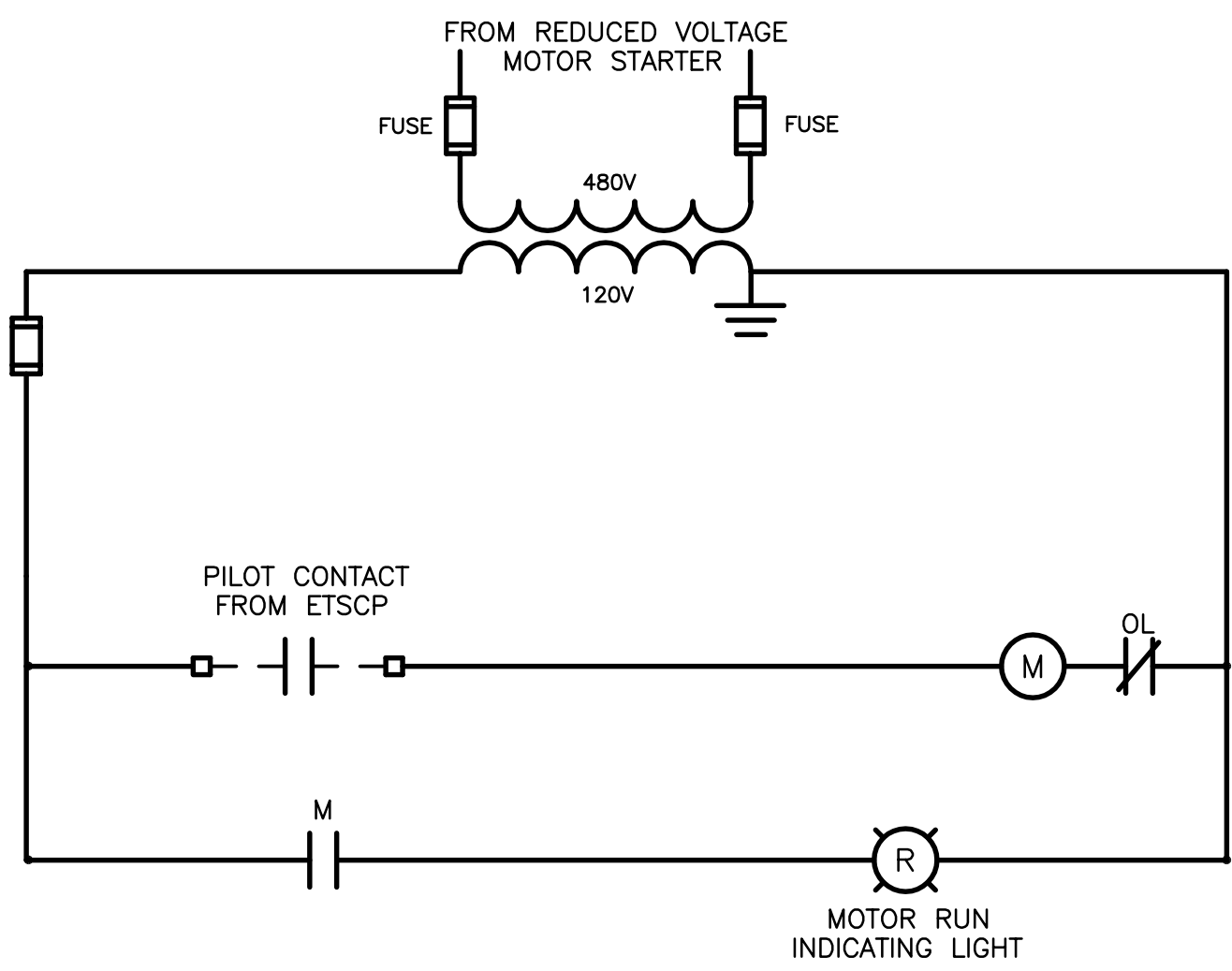


LIGHTNING PROTECTION SYSTEM PLAN

POWER PANEL - PP				
CKT NO.	DEVICE	LOAD DESIGNATION	LOAD	FEEDER
	POLE TRIP		H.P. KVA	
1	2 30	VFD - WELL PUMP EW-1	2	2#10, #10G - 3/4"
3	-	-	-	-
5	1 25	JET PUMP	3/4	2#10, #10G - 3/4"
7	3 30	SUBMERSIBLE PUMP CONTROL PANEL	2#3	3#10, #10G - 3/4"
9	-	-	-	-
11	-	-	-	-
13	3 20	UNIT HEATER UH-1	5	3#12, #12G - 3/4"
15	-	-	-	-
17	-	-	-	-
19	3 20	UNIT HEATER UH-3	5	3#12, #12G - 3/4"
21	-	-	-	-
23	-	-	-	-
25	3 150	PORTABLE PRESSURE WASHER	39	3-1/0, #6G - 2"
27	-	-	-	-
29	-	-	-	-
31	1 20	INTERIOR LIGHTING	1.2	2#10, #12G - 3/4"
33	1 20	EXTERIOR AREA LIGHTING	.5	2#12, #12G - 3/4"
35	1 20	INTERIOR RECEPTACLES	.5	2#12, #12G - 3/4"
37	1 20	RECEPTACLE - WELL EW-1	.3	2#12, #12G - (NOTE 2)
39	1 -	SPACE	-	-
41	1 -	SPACE	-	-
2	2 30	VFD - WELL PUMP EW-2	2	3#12, #12G-3/4"
4	-	-	-	-
6	1 20	RECEPTACLE - SINK DRAIN	1/3	2#12, #12G - 3/4"
8	3 100	BLOWER	20	3#2, #8G-1 1/4"
10	-	-	-	-
12	-	-	-	-
14	3 20	UNIT HEATER UH-2	5	3#12, #12G - 3/4"
16	-	-	-	-
18	-	-	-	-
20	1 20	EXTRACTION & TREATMENT SYST CP	.5	2#12, #12G - 3/4"
22	1 20	ALARM AUTODIALER	.1	2#12, #12G - 3/4"
24	1 20	SIDEWALL EXHAUST FAN	1/3	2#12, #12G - 3/4"
26	1 20	RECEPTACLE - WELL EW-2	.3	2#12, #12G - NOTE 2
28	1 20	RECEPTACLE - CONTAINMENT ISLAND	.3	2#12, #12G - 3/4"
30	1 20	EXTERIOR DOORWAY LIGHTING	.1	2#12, #12G - 3/4"
32	1 20	RECEPTACLE - SUMP PUMP	1/2	-
34	1 -	SPACE	-	-
36	1 -	SPACE	-	-
38	1 -	SPACE	-	-
40	1 -	SPACE	-	-
42	1 -	SPACE	-	-
MAIN BUSS: 400A		TYPE: BOLT-ON	MOUNTING: SURFACE	
MAIN: 400A CB		VOLTS: 208Y/120	A/C(SYM): 22,000	
FEEDER: F2		PHASE: 3PH, 4W+GND	EST. CONN KVA: 90	

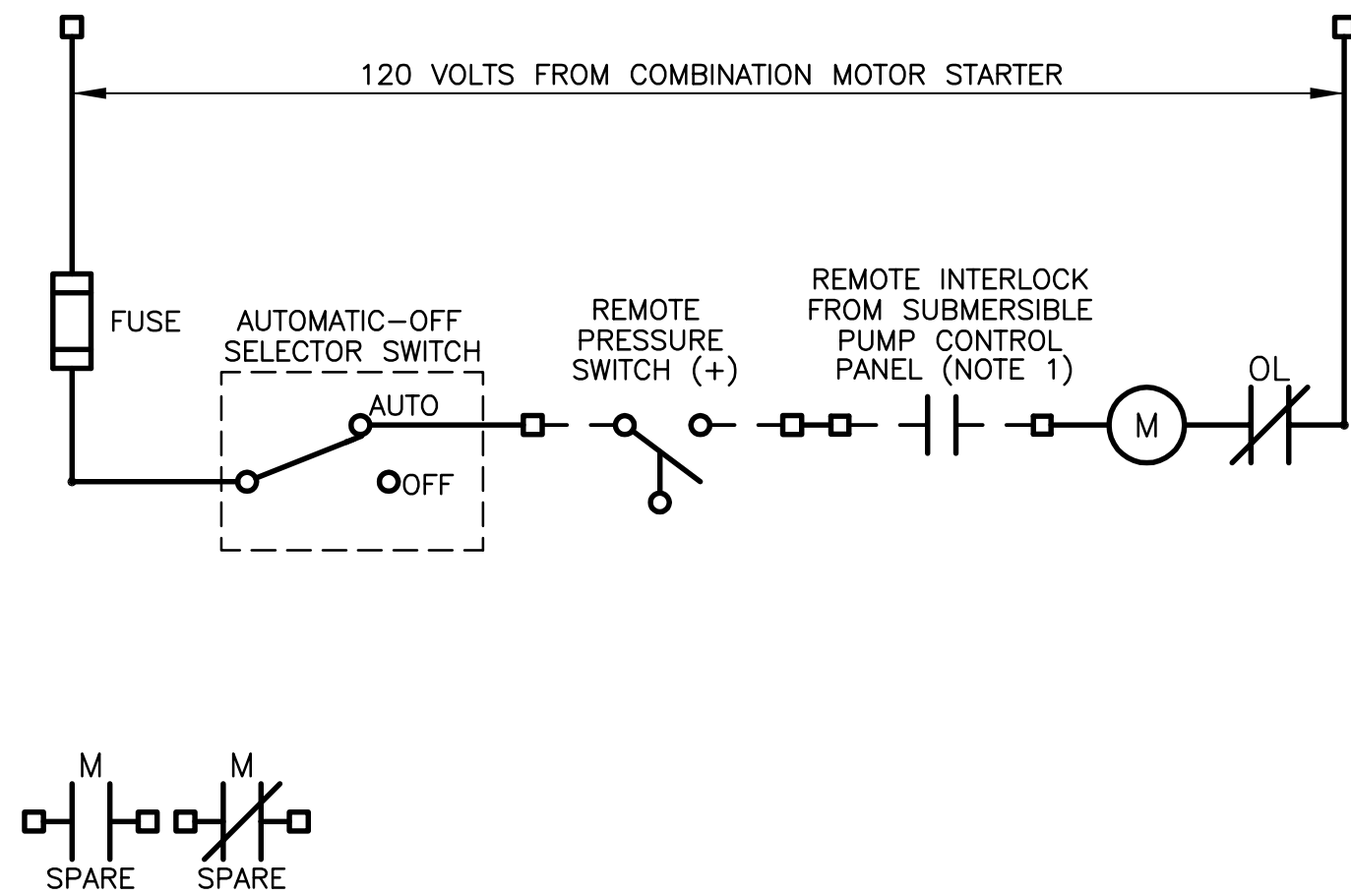


WIRING DIAGRAM NO. 1
CENTRIFUGAL SIDEWALL EXHAUSTER



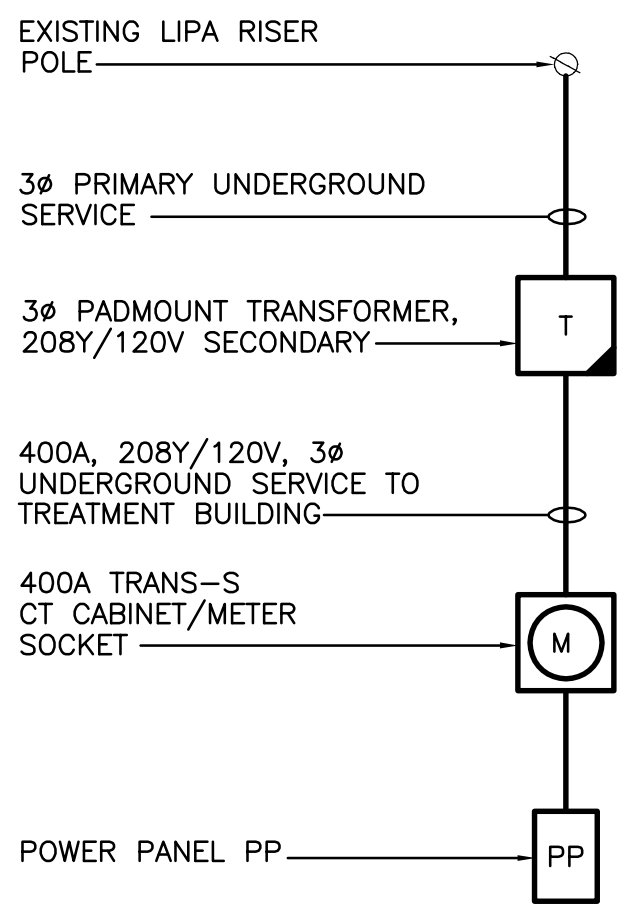
WIRING DIAGRAM NO. 2
BLOWER

- NOTES:
- MOTOR STARTER FOR BLOWER IS REDUCED VOLTAGE, SOLID STATE TYPE.
 - ETSCP = EXTRACTION AND TREATMENT SYSTEM CONTROL PANEL.



WIRING DIAGRAM NO. 3
JET PUMP

- NOTE:
- INTERLOCK TO SHUT DOWN JET PUMP UPON SUBMERSIBLE PUMP OFF LEVEL.



SINGLE LINE DIAGRAM
N.T.S.

RECORD DRAWING OF WORK AS BUILT

This document has been reviewed, coordinated and checked in detail for accuracy of content and for compliance with the Contract Drawing.

Date _____

Contractor _____ J.K. ELECTRIC CO., INC.

Signed _____

NO.	DATE	REVISION	INT.

J.K. ELECTRIC CO., INC.
374 NEPTUNE AVE
NORTH BABYLON
NEW YORK 11704

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004275

MISCELLANEOUS ELECTRICAL DETAILS
AS BUILT

DATE	SCALE
MAY 2004	N.T.S.

DRAWING NO.

E4

Appendix E

APPENDIX E

SOIL BORINGS AND GAMMA LOGS

BORING LOGS



Boring Diameter: 6 7/8"

Notes:		Cuttings		"0" Filter Sand"
		Bentonite grout		"1" Sand Pack
		Bentonite Seal		10-Slot Screen



SPT - STANDARD PENETRATION TEST

[illegible]



SPT - STANDARD PENETRATION TEST



SPT = STANDARD PENETRATION TEST

SPT - STANDARD PENETRATION TEST



SPT - STANDARD PENETRATION TEST



DVIRKA
AND
BARTILUCCI

DRILLING CONTRACTOR				DRILLING LOG		BORING NUMBER <u>ASMW-5</u>		
Driller <u>Conrad S/Delta</u>				PROJECT NAME <u>Franklin Cleaners</u>		Sheet <u>3</u> of <u>5</u>		
Inspector <u>Chris Morris</u>				PROJECT # <u>1851</u>		Boring Location _____		
Rig Type _____				Location/Address <u>Malloy College</u>		_____		
Drilling Method <u>Hollow Stem Aug.</u>				_____		_____		
Drive Hammer Weight <u>140 lb.</u>				_____		_____		
GROUNDWATER OBSERVATIONS				Weather _____		Plot Plan _____		
Water Level _____				Date/Time Start _____		_____		
Time _____				Date/Time Finish _____		_____		
Date _____				_____		_____		
Casing Depth _____				_____		_____		
Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC	COMMENTS		
110-112	5		0.0	Top 10" same as above		110'		
13" recover				bottom 3" gray organic clay/				
Blows 13, 21, 29, 30				appears like a compressed peat				
112-114			0.0	Dark gray organic clay/ with				
12" recover				pieces of wood included				
Blows - NA								
114-116			0.0	114-115 light brown medium				
20" recover				grain sand with trace small				
Blows 6, 16, 18, 15				rounded gravel				
				next 5" brown medium grain sand				
				with trace small rounded gravel				
				small (1/2") striations of gray clay/				
				bottom 3" - gray fine grain silty				
				sand				
116-118			0.8	Top 4" light brown medium grain				
20" recover				sand				
Blows 9, 18, 18, 24				next 12" fine-medium grain sand with				
				silt				
				next 1" wood				
				bottom 3" gray fine to medium grain				
				sand with some silt				
118-120			6.0	Light brown/gray medium				
16" recover				grain sand				
Blows 7, 9, 12, 16								
120-122			0.0	Top 18" Gray fine to medium				
21" recover				grain sand				
Blows 16, 14, 13, 18				Bottom 3"				
				Gray silty sand with clay/				
				and some wood included				
SPT - STANDARD PENETRATION TEST				Soil Stratigraphy Summary _____				



DIVIRKA
AND
BARTILUCCI

DRILLING CONTRACTOR				DRILLING LOG		BORING NUMBER <u>Asmw-5</u>	
Driller <u>Conrad S/Delta</u>				PROJECT NAME <u>Franklin Cleaners</u>		Sheet <u>4</u> of <u>5</u>	
Inspector <u>Chris Morris</u>				PROJECT # <u>1851</u>		Boring Location _____	
Rig Type _____				Location/Address <u>Molloy College</u>		_____	
Drilling Method <u>Hollow Stem Aug.</u>				_____		_____	
Drive Hammer Weight <u>140lb.</u>				_____		_____	
GROUNDWATER OBSERVATIONS				Weather _____		Plot Plan	
Water Level _____				_____			
Time _____				Date/Time Start _____			
Date _____				Date/Time Finish _____			
Casing Depth _____				_____			
Sample Depth	Sample Number	SPT	PID/FID Reading	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC		COMMENTS
122-124	5		0.0	Light gray medium grain sand			123' Top of screen
24" recovery							
Blows 10, 11, 13, 16							
124-126			0.0	124-125.5 Gray medium grain sand			
24" recovery							
Blows 13, 6, 5, 12							
126-128			0.0	125.5-126 Fine to medium grain gray sand with trace silt			
12" recovery							
Blows 16, 20, 24, 26							
128-130			0.0	Top 5" Fine grain gray sand with some silt			2" PVC Screen #20
12" recovery							
Blows 16, 20, 24, 26							
130-132			0.0	next 4" Dark brown silty sand with clay and wood			
16" recovery							
Blows 10, 16, 23, 28							
132-134			0.0	next 3" Gray fine-medium sand			#1 Sand Pack
13" recovery							
Blows 12, 16, 29, 30							
134-136			0.0	Top 13" Fine to medium grain gray sand, high mica content			
13" recovery							
Blows 11, 12, 16, 18							
136-138			0.0	next 1/2" wood chips			
3" recovery							
Blows NA							
138-140			0.0	bottom 3" Fine to medium grain gray sand with high mica content			133' Sand pack
3" recovery							
Blows NA							
140-142			0.0	Fine to medium grain sand - Gray high mica content			
3" recovery							
Blows NA							
142-144			0.0	wood in tip of sampler			
3" recovery							
Blows NA							
144-146			0.0	Top 15" Fine to medium grain gray/black micaceous sand			
3" recovery							
Blows NA							
146-148			0.0	bottom 3" Dark gray clay with some silt			
3" recovery							
Blows NA							
148-150			0.0	Dark gray, dense clay			Bentonite seal pellets
3" recovery							
Blows NA							

SPT = STANDARD PENETRATION TEST

Soil Stratigraphy Summary _____



SPT - STANDARD PENETRATION TEST



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project No.: 1851

Project Name: Franklin Cleaners

Well No.: EW-2

Sheet 1 of 2

By: Albert Jaroszewski

Drilling Contractor: Delta Well & Pump

Driller: Mike Pelligrino

Date Started:

Geologist: A. Jaroszewski
Drilling Method: Hollow Stem Auger
Drive Hammer Weight: 140 lbs.
Date Completed: 6/25/03

Boring Completion Depth: 110'
Ground Surface Elevation:
Boring Diameter: 12"

Depth (ft.)	Soil Sample		Description	Well Schematic	Comments
	Blows (Per 6")	Rec. (inches)			
10-12	8, 18, 21, 32	20	Orange to light brown poorly sorted fine to coars SAND; trace fine to coarse gravel		10-70': Grout
20-22	7, 8, 8, 9	24	Orange to light brown moderately sorted medium to coarse SAND; wet		
30-32	5610 6, 5, 6, 11	20	Orange moderately sorted fine to medium SAND		
40-42	10, 11, 12, 14	20	Orange to light brown moderately well sorted fine to medium SAND; some coarse sand; trace fine to sand		
50-52	91010 10, 12, 15, 12	24 22	Orange to brown well sorted fine/fine to medium SAND		
60-62	11 17, 12, 15, 12	22	Dark gray CLAY; stiff		
70-72	8, 9, 21, 14	24	0-22 same 22-24 orange fine/fine to medium SAND (driller reported hard drilling @ 75 ft.)		
80-82	6, 7, 7, 9	20	Alternating layers of dark gray stiff CLAY and gray poorly sorted medium to coarse sand and fine gravel		
82-84	7, 8, 10, 11	18	Light gray well sorted fine/fine to medium SAND; trace gravel		
84-86	12, 14, 15, 20	24	Light gray fine to medium SAND; trace fine to coarse gravel; mica flakes		
86-88	7, 8, 9, 9	24	0-6 same 6-24 Light gray medium to coarse SAND		70-72': Seal 72-73': Filter sand 73-92': Sand pack 77-92': Screen
88-90	6, 6, 7, 8	18	0-4 Layers of light gray CLAY, SILT and fine SAND 4-18 Gray well sorted fine SAND		

Notes: Screen is Stainless Steel #304 Wire-wound type

Cement
 Bentonite grout
 Bentonite Seal
 "0" Filter Sand"
 "1" Sand Pack
 20-Slot Screen

Drilling Contractor: Delta Well & Pump

[illegible]

Notes:

	Cement		"0" Filter Sand"
	Bentonite grout		"1" Sand Pack
	Bentonite Seal		10-Slot Screen

GAMMA LOGS

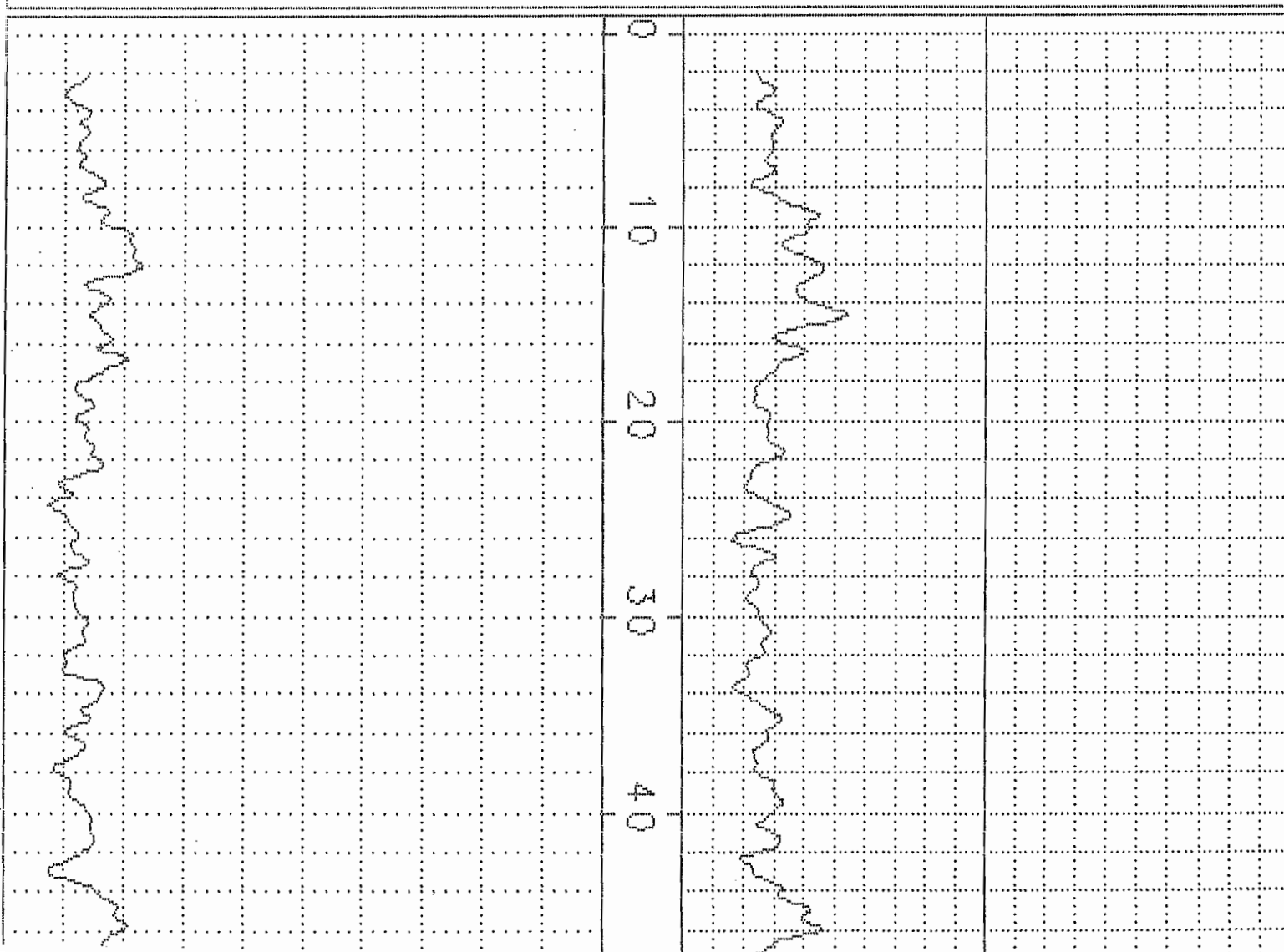
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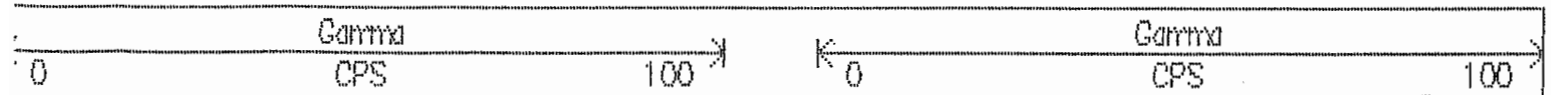
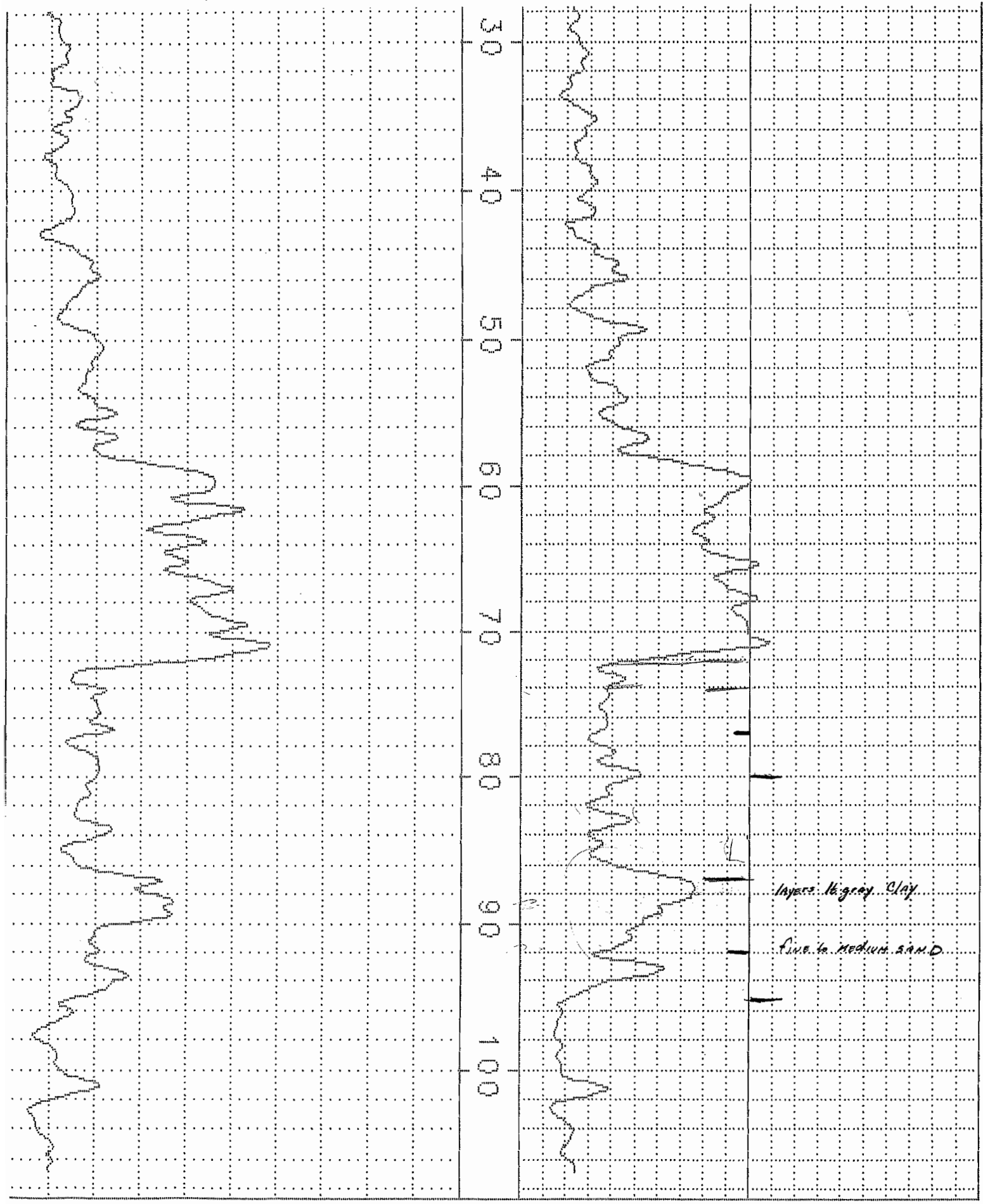
FRANKLIN EW-2 05/16/03



Gamma
CPS 0 100

Gamma
CPS 0 100





(C:\FRANKLIN\ASMW-1.AB1) FRANKLIN CLEANERS ASMW-1 05/14/03



Gamma
CPS

0

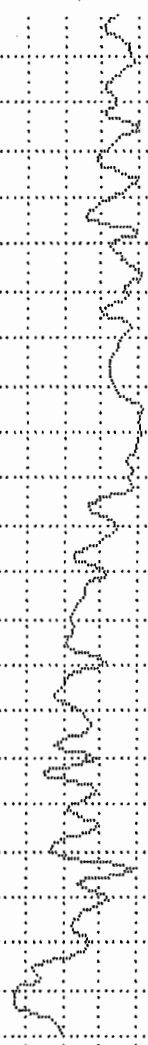
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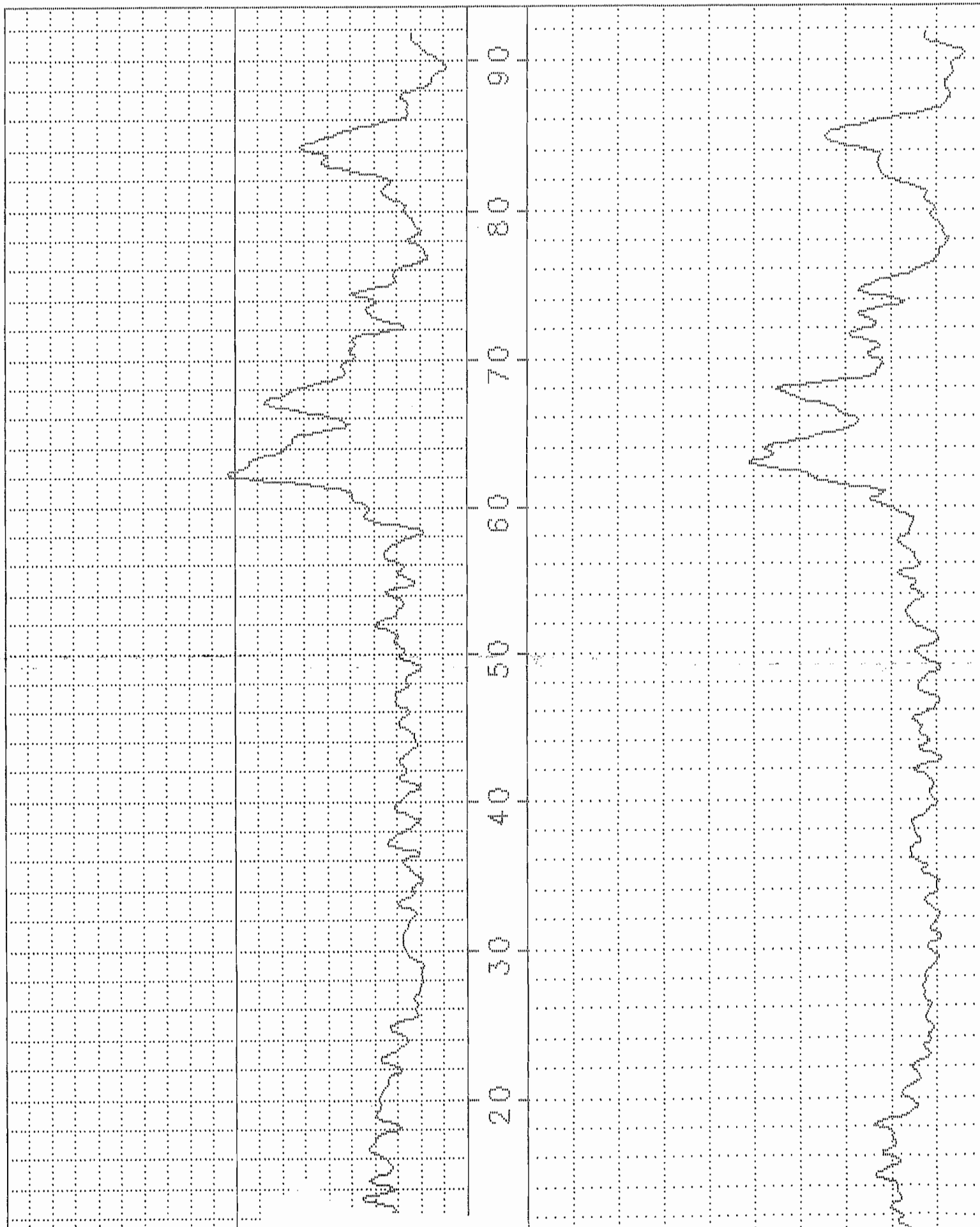
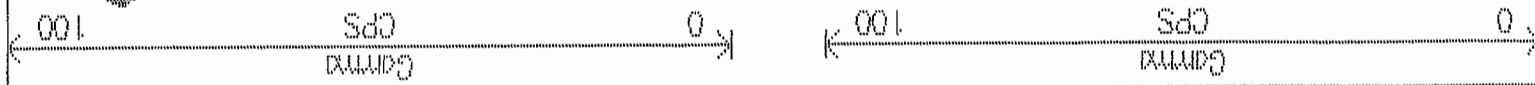
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CPS

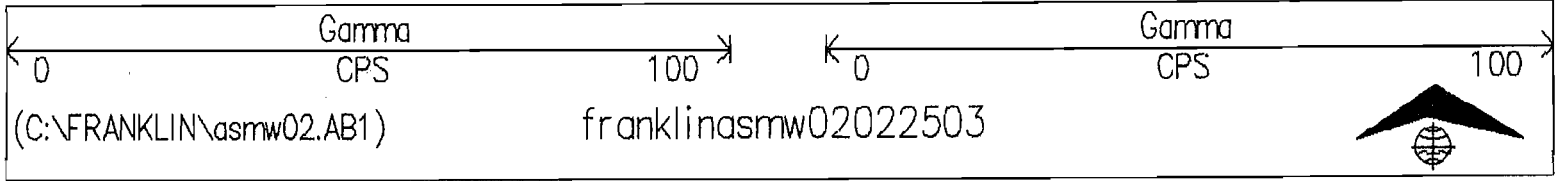
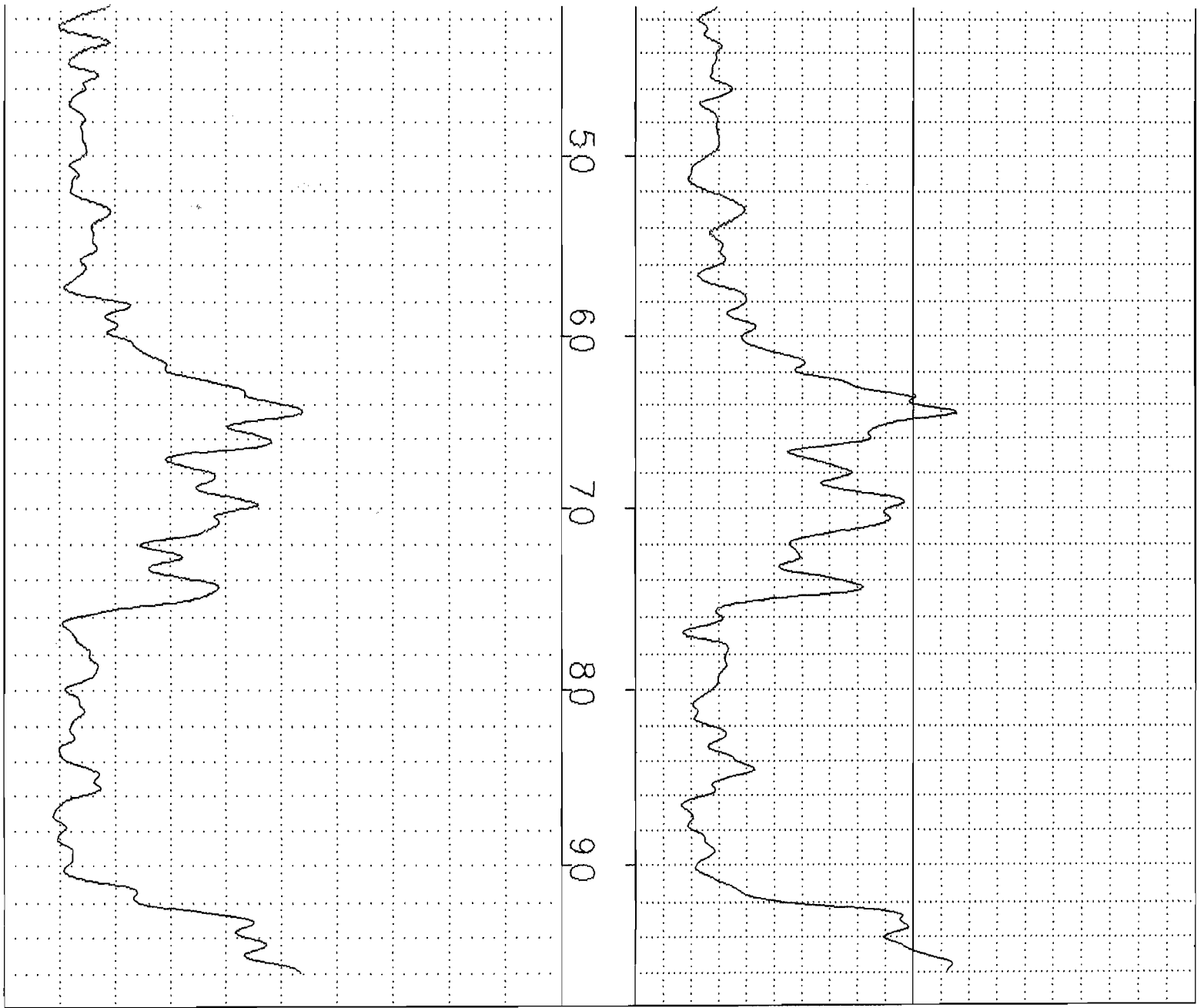
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100

10 20 30 40







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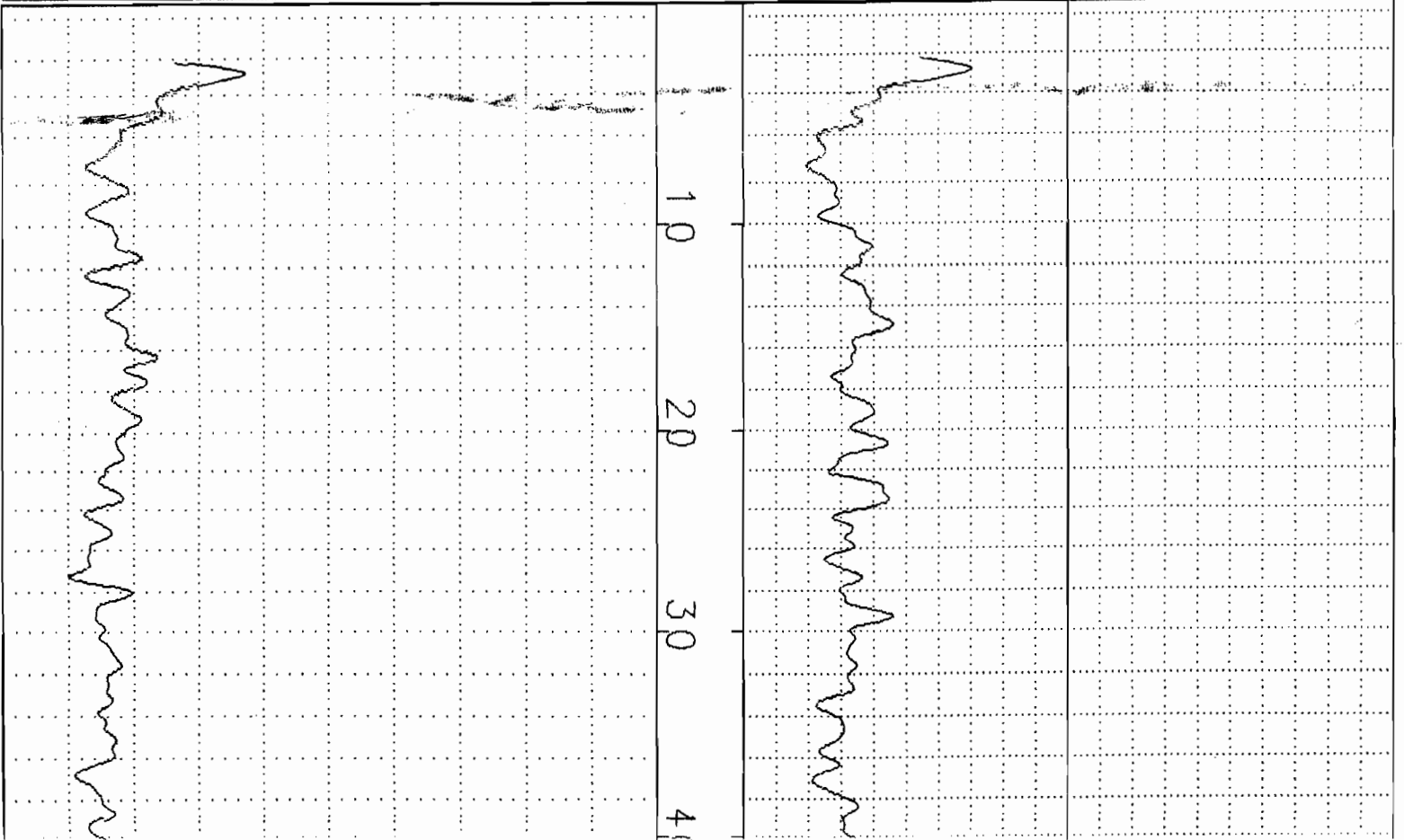


Gamma
CPS

0 100

Gamma
CPS

0 100



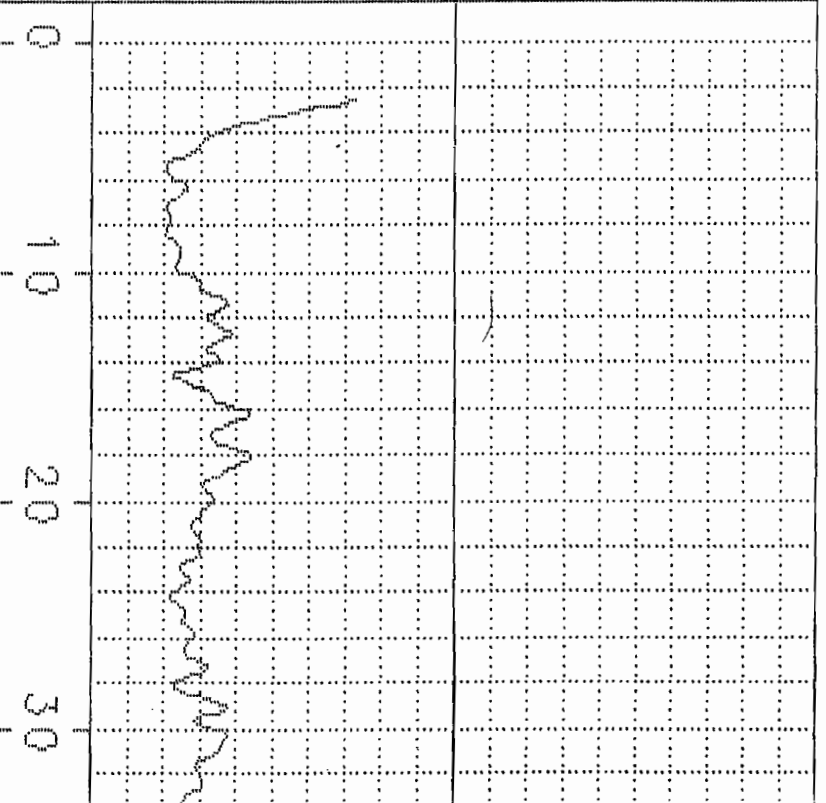
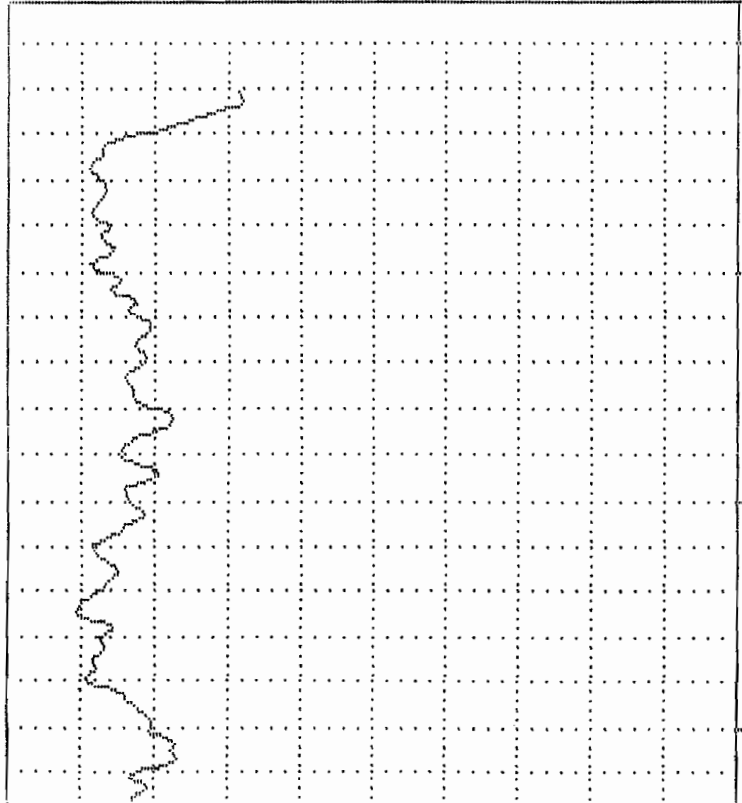
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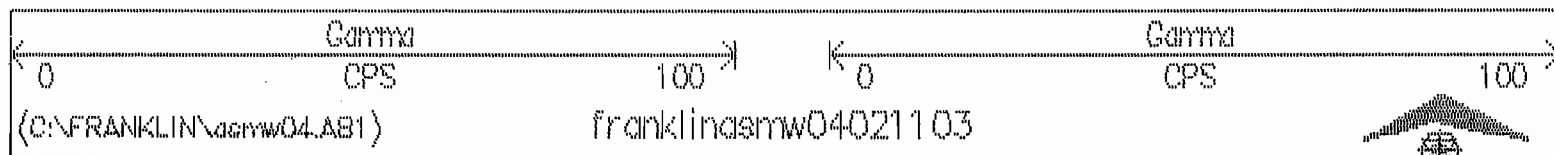
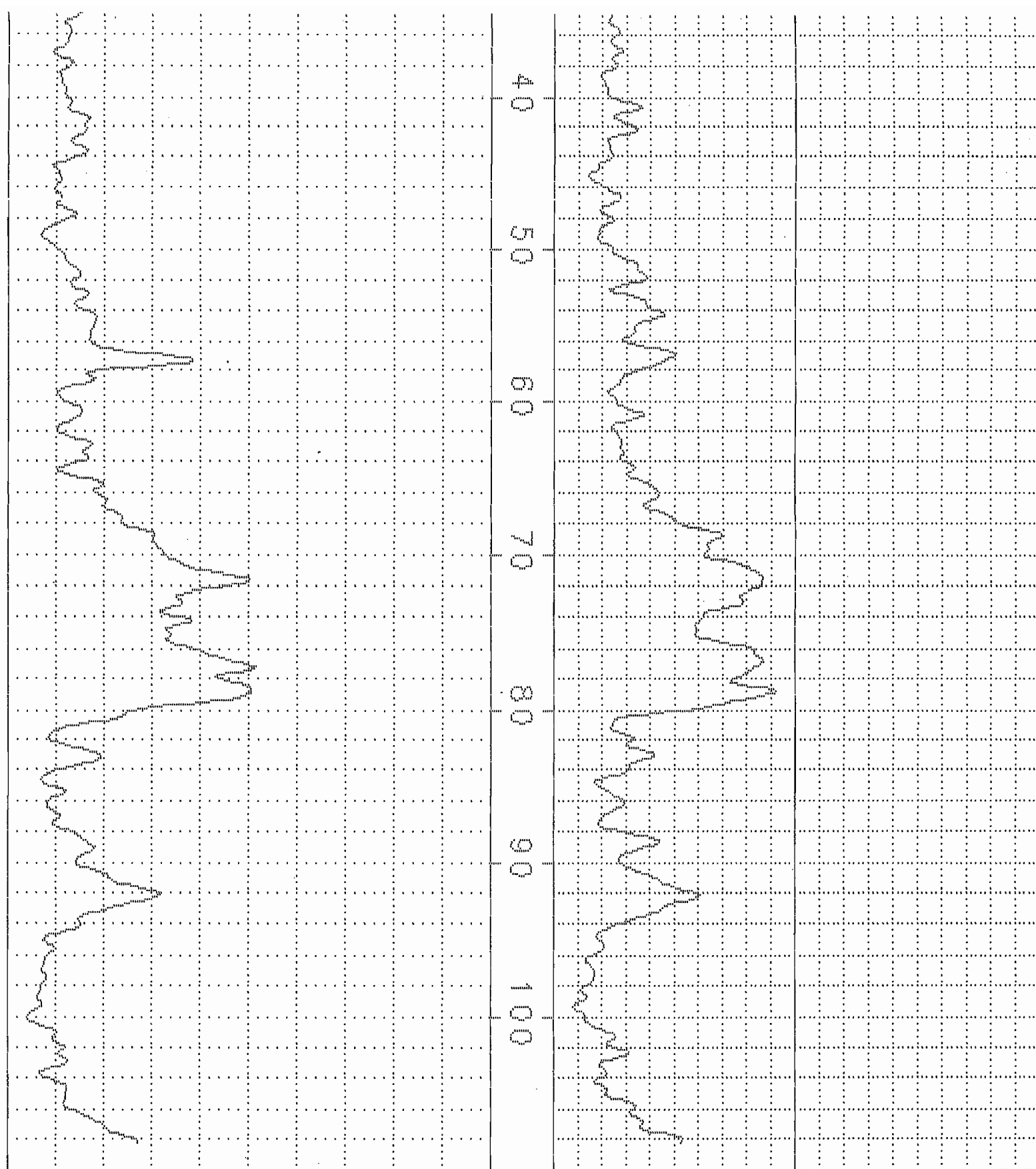
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0 100
Gammay
CPS

0 100
Gammay
CPS





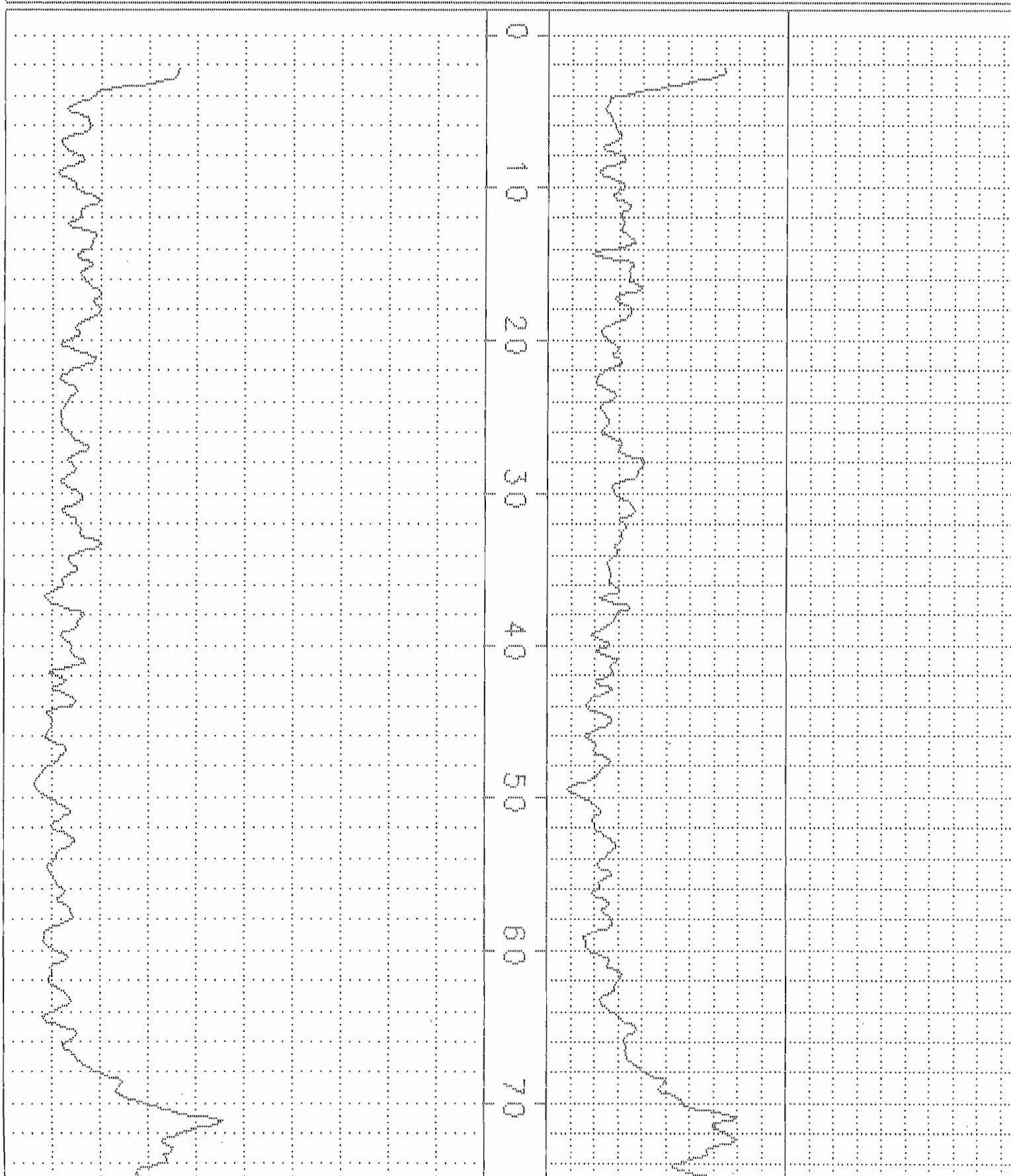
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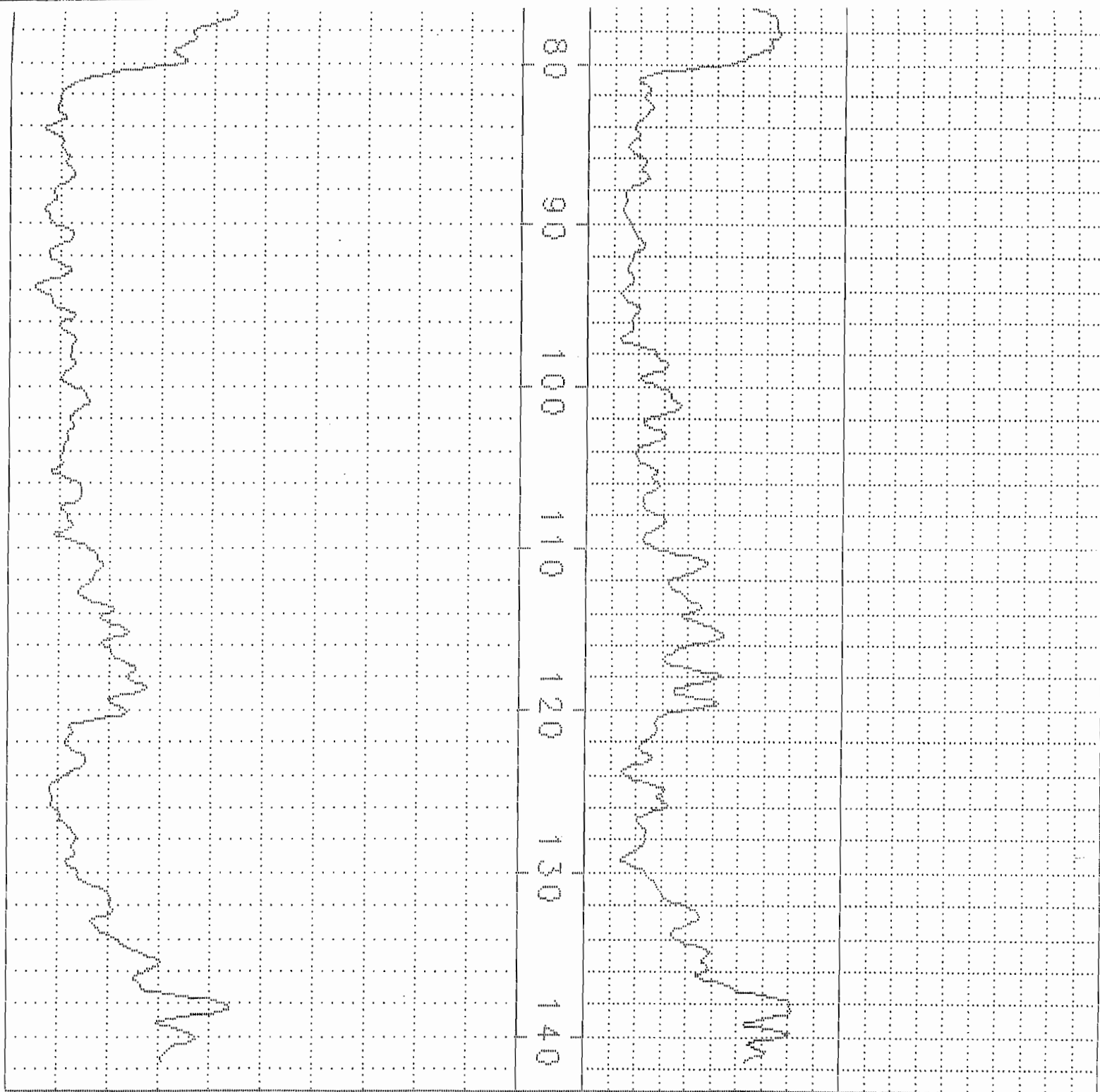
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Gamma
CPS 0 100

Gamma
CPS 0 100





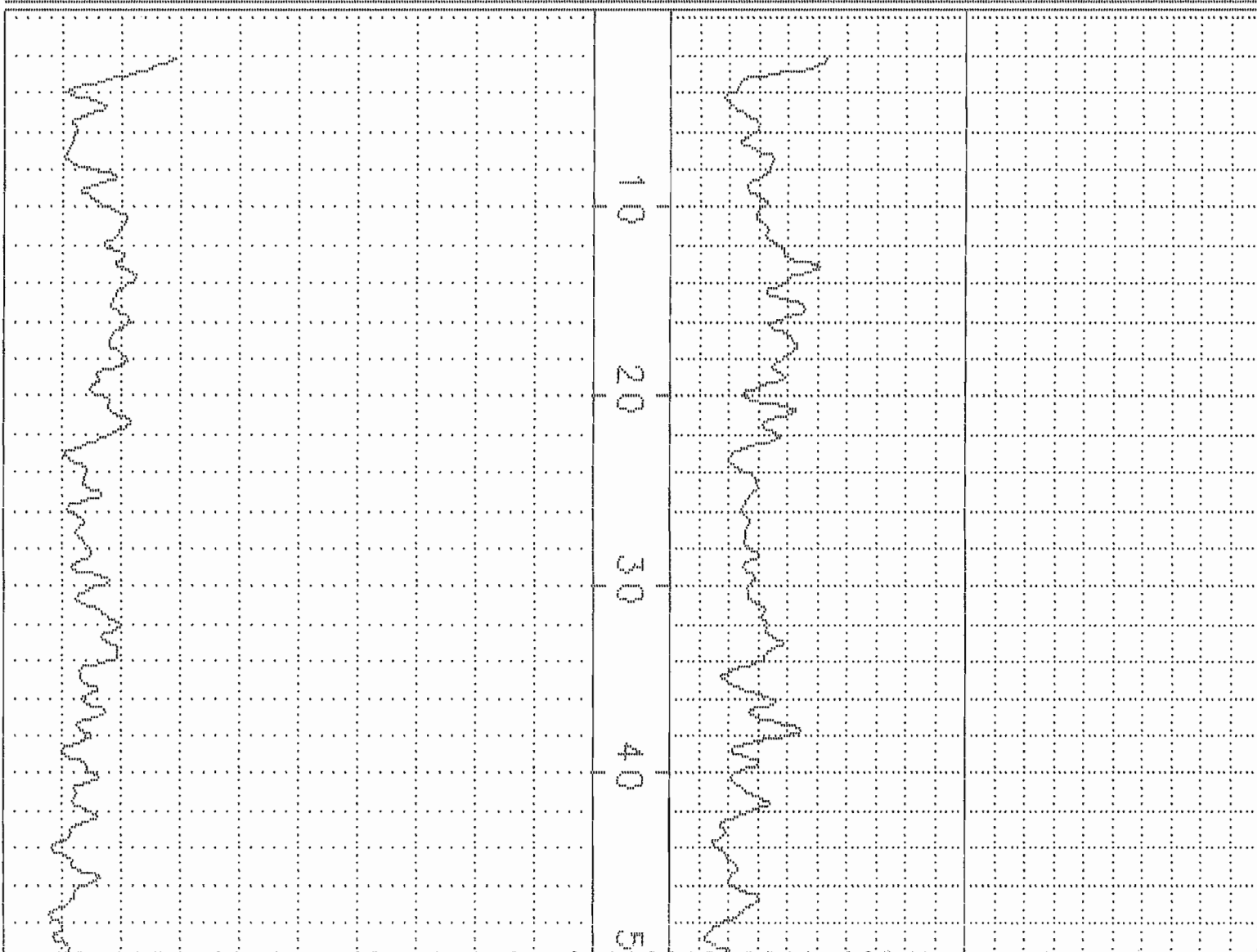
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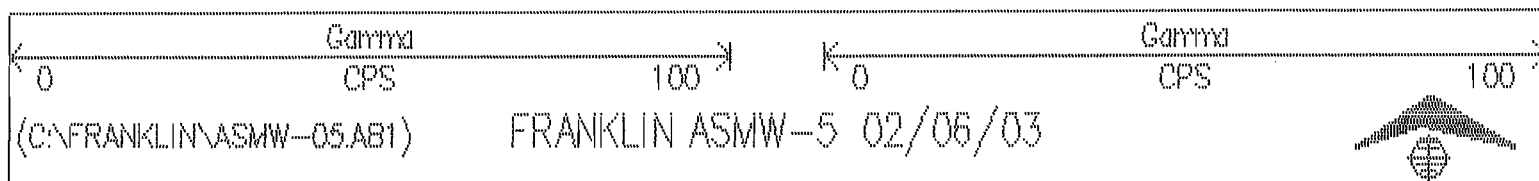
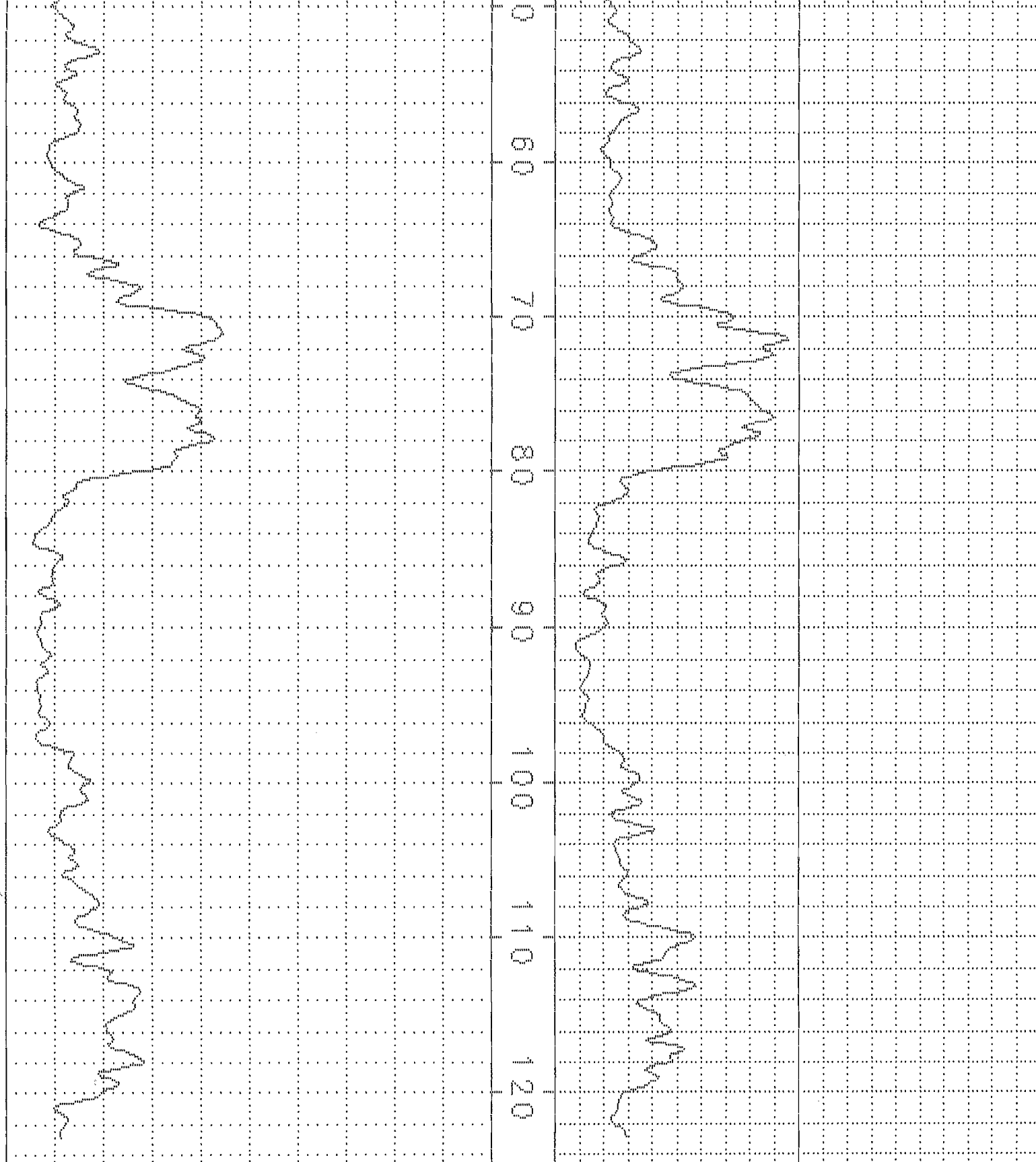
FRANKLIN ASMW-5 02/06/03



Gamma
CPS 0 100

Gamma
CPS 0 100







APPENDIX F

WELL CONSTRUCTION LOGS

WELL CONSTRUCTION LOG

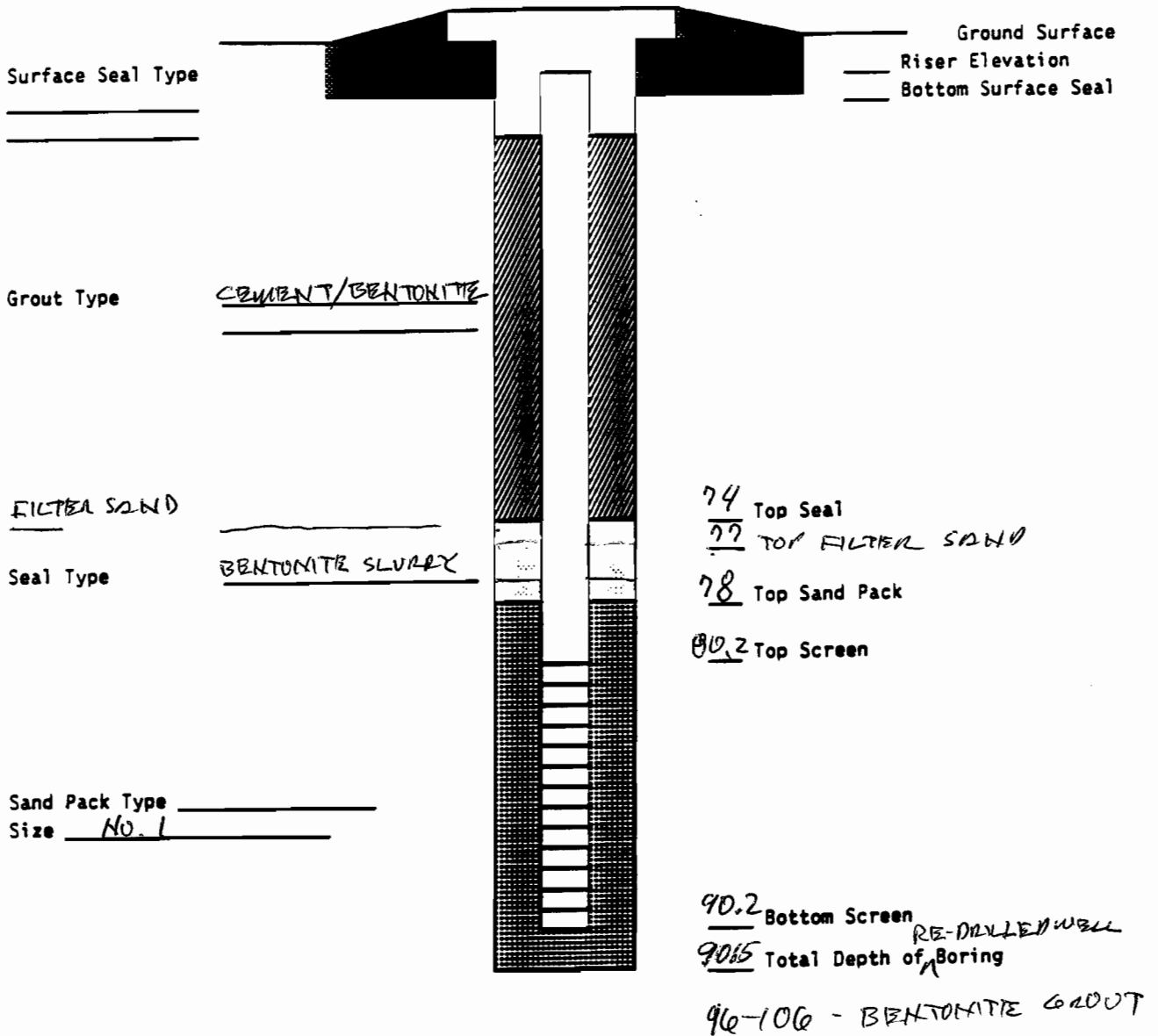
SITE FRANKLIN CLEANERS JOB NO. 1851 WELL NO. ASMW-1

TOTAL DEPTH 90.5 SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) _____ DATE INSTALLED 5/15/03

RISER DIA 2" MATERIAL PVC LENGTH 80
SCREEN DIA 2" MATERIAL SS LENGTH 10 SLOT SIZE 0.20

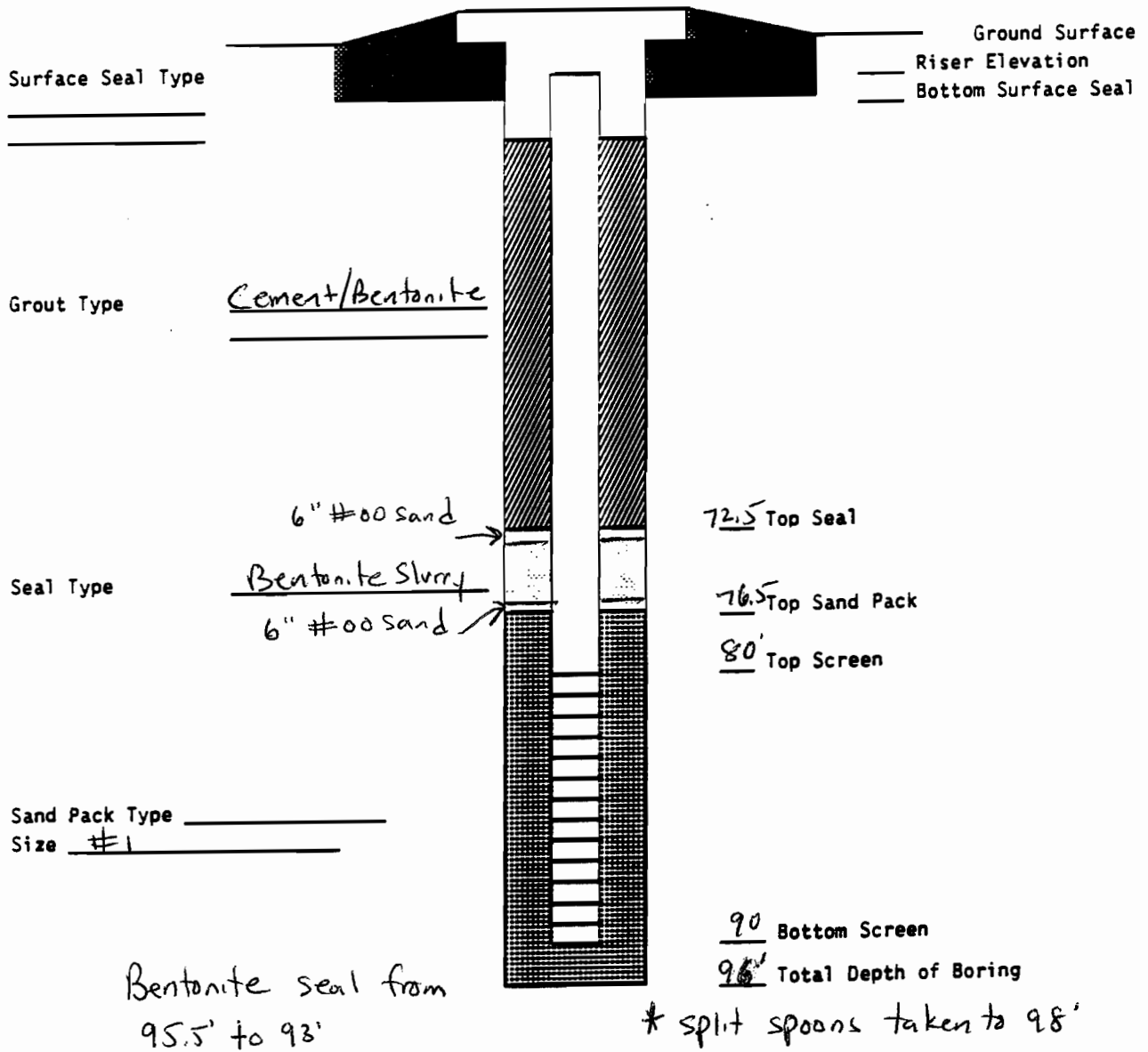
SCHEMATIC



WELL CONSTRUCTION LOG

SITE Franklin Cleaners JOB NO. 1851 WELL NO. ASMW-2
TOTAL DEPTH 90' SURFACE ELEV. _____ TOP RISER ELEV. _____
WATER LEVELS (DEPTH, DATE, TIME) _____ DATE INSTALLED 2/27/03
RISER DIA 2" MATERIAL PVC LENGTH 80'
SCREEN DIA 2" MATERIAL stainless steel LENGTH 10' SLOT SIZE 020

SCHEMATIC





SITE Franklin Cleaners JOB NO. 1851 WELL NO. ~~1857~~ Asmw-3

TOTAL DEPTH 90 SURFACE ELEV. _____ TOP RISER ELEV. 11

WATER LEVELS (DEPTH, DATE, TIME) _____ DATE INSTALLED 3/9/88

RISER DIA 2 MATERIAL PVL LENGTH 80'
SCREEN DIA 2 MATERIAL Stainless Steel LENGTH 10' SLOT SIZE 020

* split spoons taken to 92'

WELL CONSTRUCTION LOG

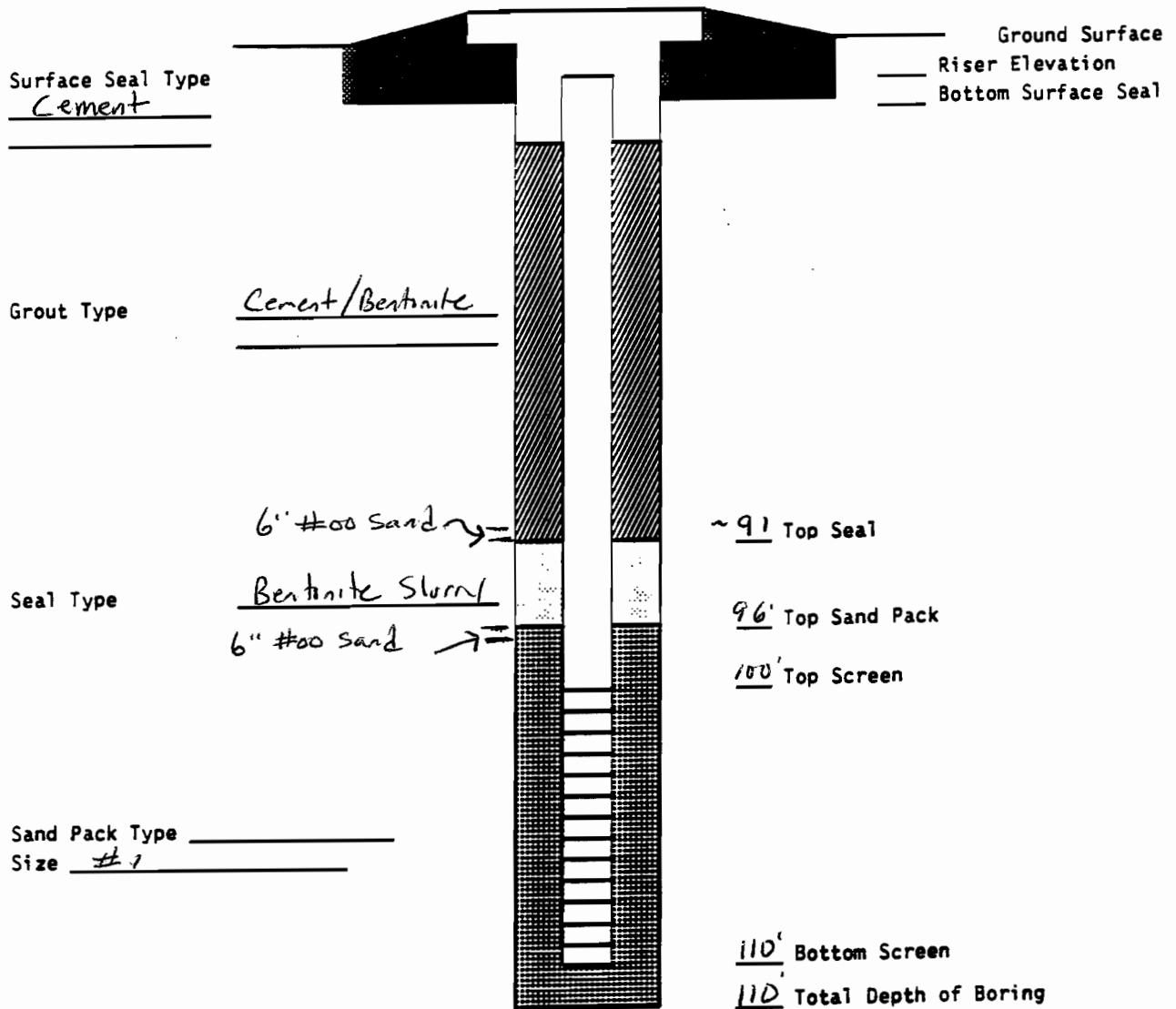
SITE Franklin Cleaners JOB NO. 1851 WELL NO. ASMW-4

TOTAL DEPTH 110' SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) _____ DATE INSTALLED 2-12-03

RISER DIA 2 MATERIAL PVC LENGTH 100
SCREEN DIA 2 MATERIAL Stainless Steel LENGTH 110' SLOT SIZE 20

SCHEMATIC



WELL CONSTRUCTION LOG

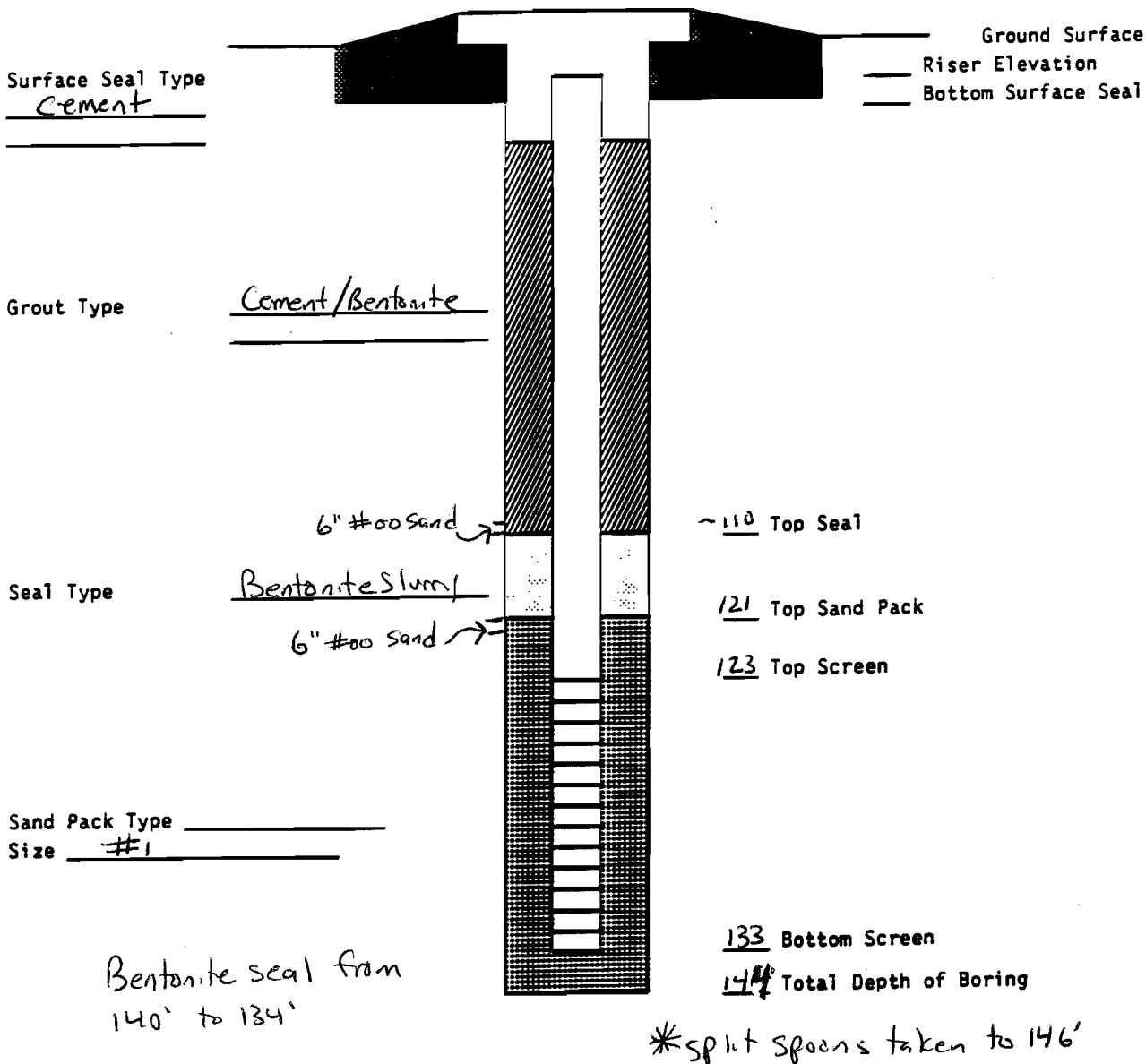
SITE Franklin Cleaners JOB NO. 1851 WELL NO. ASMW-5

TOTAL DEPTH 133 SURFACE ELEV. _____ TOP RISER ELEV. _____

WATER LEVELS (DEPTH, DATE, TIME) _____ DATE INSTALLED 2-13-03

RISER DIA 2 MATERIAL PVC LENGTH 123'
SCREEN DIA 2 MATERIAL Stainless Steel LENGTH 10' SLOT SIZE 20

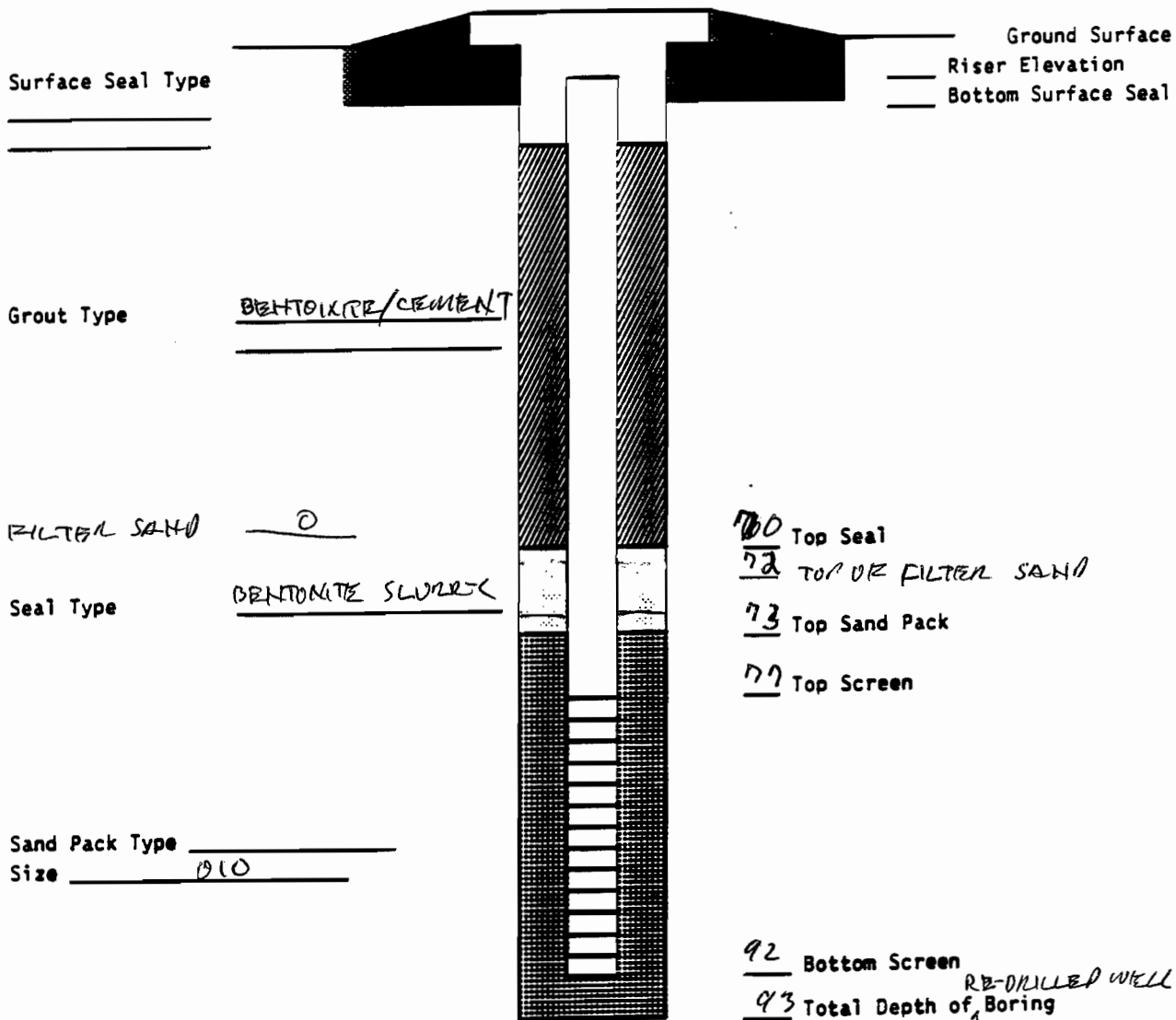
SCHEMATIC

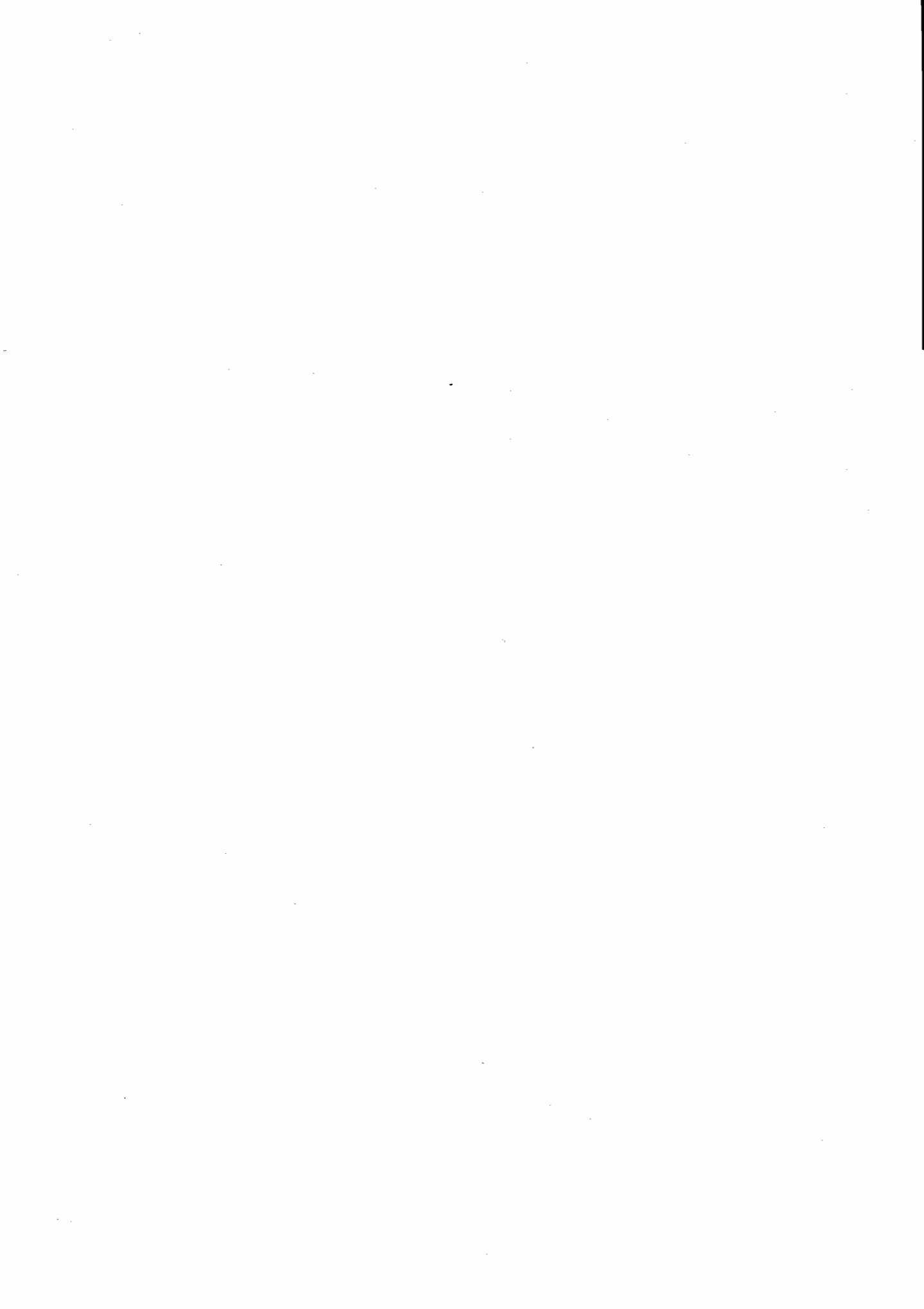


WELL CONSTRUCTION LOG

SITE FRONKUN CLEANERS JOB NO. 1851 WELL NO. EW-2
TOTAL DEPTH 92 SURFACE ELEV. _____ TOP RISER ELEV. _____
WATER LEVELS (DEPTH, DATE, TIME) _____ DATE INSTALLED 6/25/03
RISER DIA 6 MATERIAL SCH 80 PVC LENGTH 77
SCREEN DIA 6 MATERIAL SS 304 LENGTH 15 SLOT SIZE 020

SCHEMATIC





APPENDIX G

OPERATION, MAINTENANCE AND MONITORING QUARTERLY REPORTS



Dvirka and Bartilucci

CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York, 11797-2015
516-364-9890 • 718-460-3634 • Fax: 516-364-9045
e-mail: db-eng@worldnet.att.net

1851

February 17, 2004

Principals

Nicholas J. Bartilucci, P.E.
President

Henry J. Chlupsa, P.E.
Executive Vice President

Thomas F. Maher, P.E.
Vice President

Robert T. Burns, P.E.
Vice President

Richard M. Walka
Vice President

Steven A. Fangmann, P.E.
Vice President

Theodore S. Pytlar, Jr.
Vice President

Senior Associates

Anthony O. Conetta, P.E.

Dennis F. Koehler, P.E.

Joseph H. Marturano

John A. Mirando, P.E.

Kenneth J. Pritchard, P.E.

Brian M. Veith, P.E.

Associates

Joseph F. Baader

Garrett M. Byrnes, P.E.

Rudolph F. Cannavale

Joseph A. Fioraliso, P.E.

Thomas P. Fox, P.G.

Gerald Gould, C.P.G.

William D. Merklin, P.E.

Michael Neuberger, P.E.

Edward J. Reilly

Charles J. Wachsmuth, P.E.

Kenneth P. Wenz, Jr., C.P.G.

Jeffrey E. Trad, P.E.

Bureau of Construction Services

Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, 12th Floor

Albany, NY 12233-7013

Re: Franklin Cleaners Site (Site No. 1-30-050)

NYSDEC Contract No. D004264

Quarterly Report No. 1 – September through December 2003

D&B No. 1851-05

Dear Mr. Trad:

The purpose of this letter is to summarize the operation and sampling of the groundwater extraction and treatment system, located approximately 1 mile south/downgradient of the Franklin Cleaners Site (see Figure 1-1), for the period of September through November 2003. The information contained within this report is a compilation of monthly monitoring reports submitted by URS Corporation (URS) as per the requirements of the referenced contract, as well as additional split sampling performed by Dvirka and Bartilucci Consulting Engineers (D&B) as per the requirements of the approved Remedial Construction Inspection Work Plan Amendment, dated October 2003.

Groundwater Extraction and Treatment System Operation

Routine operation of the groundwater extraction and treatment system began on September 9, 2003. Extraction wells EW-1 and EW-2 operated at average pumping rates of 36.7 gallons per minute (gpm) and 4.3 gpm, respectively. During this quarter, a total of 5,510,558 gallons of treated groundwater was discharged to the Nassau County Department of Public Works (NCDPW) storm sewer system in accordance with Nassau County Discharge Permit NC03-001R.

During this quarter, the groundwater extraction and treatment system was inoperative for a total of 58.5 hours due to routine maintenance. An additional

Jeffrey E. Trad, P.E.
Bureau of Construction Services
Division of Environmental Remediation
New York State Department of Environmental Conservation
February 17, 2004

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downtime of approximately 210 hours occurred as a result of the groundwater extraction and treatment system failing to communicate alarm conditions to the appropriate maintenance personnel. Please note that this problem was resolved upon an inspection of the groundwater extraction and treatment system during an on-site meeting on January 9, 2004, and has been operating properly since that time. A detailed description of the events that took place during the on-site meeting held on January 9, 2004, is provided in Attachment A.

Groundwater Extraction and Treatment System Sampling

Aqueous samples were collected by URS from each of the two extraction well influent line sample taps, as well as from the air stripper discharge sample tap at a frequency of twice per month during the referenced quarter. Each sample was analyzed for volatile organic compounds (VOCs) using United State Environmental Protection Agency (USEPA) Method OLM04.2. The samples collected from the air stripper discharge sample tap were also analyzed for iron and manganese using USEPA Method 200.7 and field measured for pH. Split samples were collected by D&B on September 23, 2003, from one of the extraction well influent line sample taps and from the air stripper discharge sample tap. These split samples were analyzed for VOCs using USEPA Method OLM04.2. The air stripper discharge sample was also analyzed for iron and manganese using USEPA Method 200.7 and pH using SM 4500.

Sample results from each of the two extraction well influent lines and the air stripper discharge are shown in Table 1-1. Sample results are compared to NYSDEC Class GA Groundwater Standards and Guidance Values. The air stripper discharge results are also compared to the effluent limitations and monitoring requirements defined in Table 01651-1 of the Contract Documents for the referenced site. All air stripper discharge results did not contain VOCs above Class GA Groundwater Standards and Guidance Values, with the exception of the November 18, 2003 sample, which contained a total xylene concentration of 8.1 micrograms per liter, above the standard of 5 micrograms per liter. Additionally, all air stripper discharge results were below the effluent limitations and monitoring requirements defined in Table 01651-1 of the Contract Documents for this quarter, with the exception of discharge samples collected by URS on September 23, 2003 and October 21, 2003, where pH measurements of 5.17 s.u. and 6.49 s.u., respectively, were found below the limitation range of 6.5 s.u.-8.5 s.u.

Vapor phase samples were collected by URS from the influent and effluent sample taps at each of the two carbon adsorption units at a frequency of once per week during the referenced quarter. Each sample was collected by filling a Tedlar bag directly from each of the sampling taps and analyzed for total VOCs using a handheld photoionization detector (PID). These results are shown in Table 1-2. A total of 6.12 million pounds of treated air has vented through the carbon

Jeffrey E. Trad, P.E.
Bureau of Construction Services
Division of Environmental Remediation
New York State Department of Environmental Conservation
February 17, 2004

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adsorption units this quarter. No VOCs were measured by the PID in any of the influent and effluent samples tested this quarter.

Groundwater Quality Data

A network of five groundwater monitoring wells was sampled by URS to evaluate the effectiveness and optimize the operation of the groundwater extraction and treatment system. Samples were collected from ASMW-1, ASMW-2, ASMW-3, ASMW-4 and ASMW-5 at a frequency of once per month during the referenced quarter and analyzed for VOCs using USEPA Method OLM04.2. The locations of these wells are shown on Figure 1-2. A split groundwater sample was collected by D&B from ASMW-1 on November 25, 2003, and analyzed for VOCs using USEPA Method OLM04.2.

Analytical results for the monitoring well samples are shown in Table 1-3 and summarized on Figure 1-2. The results are compared to NYSDEC Class GA Groundwater Standards and Guidance Values. Each sample collected from wells ASMW-1 and ASMW-2 contained concentrations of tetrachloroethene (PCE) above the standard of 5 micrograms per liter (ug/l). The October sample from ASMW-1 also contained 1,1,2-trichloroethane at a concentration above the standard of 1 ug/l. The September sample from ASMW-3 contained PCE at a concentration above the standard. No other VOCs were detected in ASMW-3 at concentrations above standards or guidance values during this quarter.

Samples collected from monitoring wells ASMW-4 and ASMW-5, which are located directly upgradient/north of the Village of Rockville Centre public supply wells, did not contain any VOCs above Class GA Standards and Guidance Values, with the exception of ASMW-5, where an acetone concentration of 440 ug/l was detected above the standard of 50 ug/l in November. Since the blank samples associated with this sample also contained acetone, it is likely that the acetone is a laboratory artifact.

Conclusions

- System influent sample results show that the extraction wells are capturing VOC-contaminated groundwater.
- System effluent samples show that the treatment system is effectively treating the captured VOCs to concentrations below discharge criteria defined in Table 01651-1 of the Contract Documents. However, one effluent sample had a total xylene concentration above Class GA Groundwater Standards and Guidance Values.

Dvirka and Bartilucci

CONSULTING ENGINEERS

Jeffrey E. Trad, P.E.
Bureau of Construction Services
Division of Environmental Remediation
New York State Department of Environmental Conservation
February 17, 2004

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Additionally, two of the effluent samples had pH levels outside the range defined in Table 01651-1 of the Contract Documents.

- The objective of the groundwater extraction system is to capture the entire width of the plume, which is defined as the zone of tetrachloroethene exhibiting greater than 5 ug/l. Based on the groundwater quality data for this quarter, it appears that the plume defined during the design study (D&B, December 2000) may have migrated to the west of the design study location, possibly due to the abandonment of the original Molloy College irrigation well (MCOL-1).
- The operation of the extraction system has been maximized during the referenced quarter. Sampling in February 2004 should indicate if the trend of the plume back to the east has continued where the plume is once again centered over extraction well EW-1.

Recommendations

- Operation of the groundwater extraction and treatment system should be continued.
- Consideration should be given to delineation of the western edge of the plume to evaluate the influence of the groundwater extraction system.

Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

Very truly yours,



Frank DeVita
Project Manager

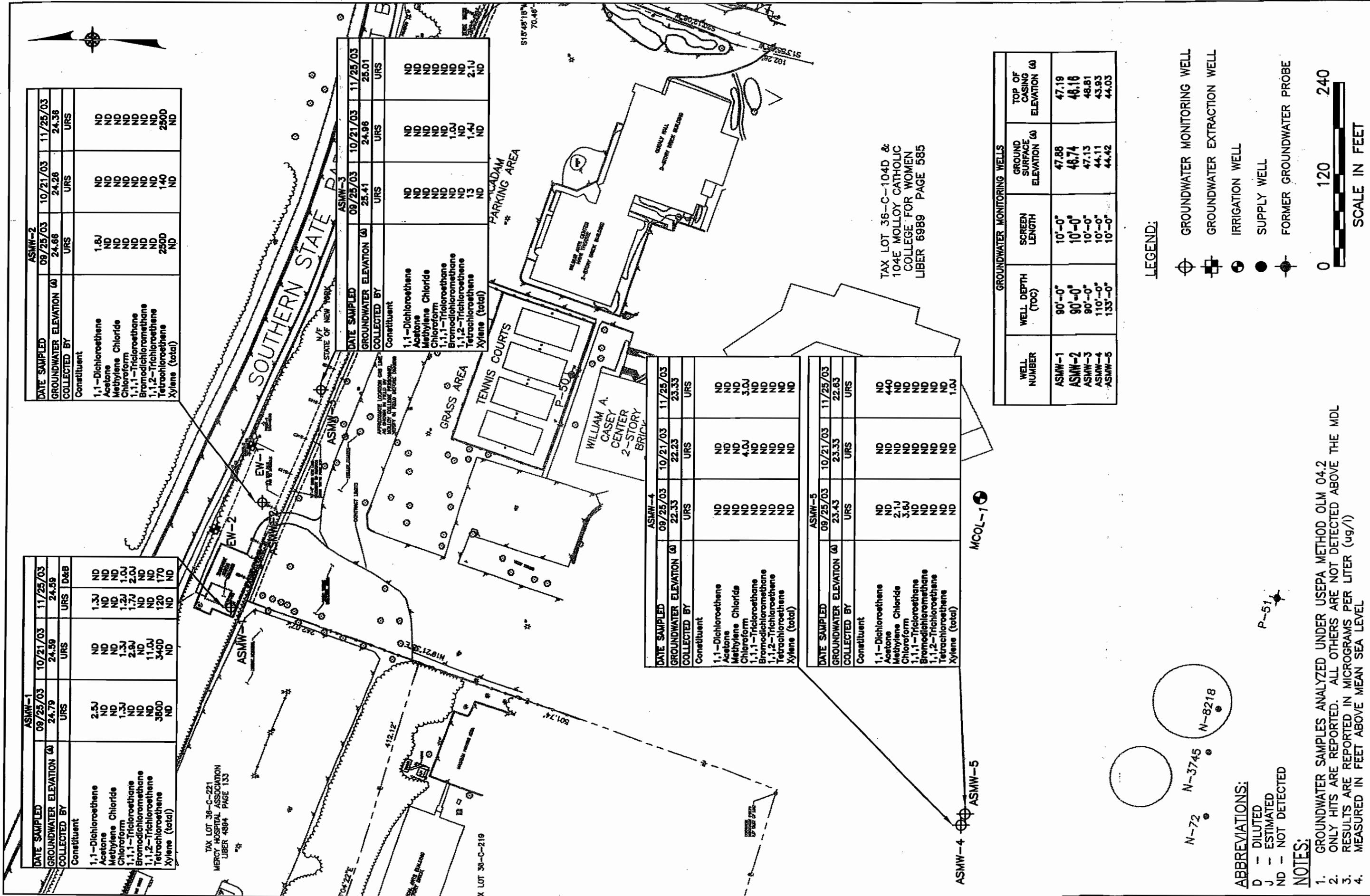
FD/cmc

Enclosure

cc: T. Maher, D&B
R. Heling, D&B
J. Neri, H2M

♦1851\FD02094LTR.DOC(R03)

FIGURES



FRANKLIN CLEANERS SITE (OFF-SITE)
VILLAGE OF ROCKVILLE CENTRE, NEW YORK

TABLES

TABLE 1-1

SAMPLE ID	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	WATER
DATE OF COLLECTION	9/23/03	10/7/03	10/21/03	11/4/03	11/18/03	12/10/03	12/10/03
COLLECTED BY	URS	URS	URS	URS	URS	URS	URS
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Dichlorodifluoromethane	U	U	U	U	U	U	U
Chloromethane	U	U	U	U	U	U	U
Vinyl chloride	U	U	U	U	U	U	U
Bromomethane	U	U	U	U	U	U	U
Chloroethane	U	U	U	U	U	U	U
Trichlorofluoromethane	U	U	U	U	U	U	U
1,1-Dichloroethene	2.4 J	U	U	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U
Acetone	U	U	U	U	U	U	U
Carbon disulfide	U	U	U	U	U	U	U
Methyl acetate	U	U	U	U	U	U	U
Methylene chloride	U	U	U	U	U	U	U
trans 1,2-Dichloroethene	U	U	U	U	U	U	U
Methyl-tert butyl ether	U	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	U	U	U	U	U	U	U
2-Butanone	U	U	U	U	U	U	U
Chloroform	1.6 J	U	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U	U	U
Cyclohexane	2.0 J	U	U	U	U	U	U
Carbon tetrachloride	U	U	U	U	U	U	U
Benzene	U	U	U	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U	U	U
Trichloroethene	0.66 J	U	U	U	U	U	U
Methylcyclohexane	1.4 J	U	U	U	U	U	U
1,2-Dichloropropane	U	U	U	U	U	U	U
Bromodichloromethane	U	U	U	U	U	U	U
cis-1,3-Dichloropropene	U	U	U	U	U	U	U
4-Methyl-2-pentanone	U	U	U	U	U	U	U
Toluene	U	U	U	U	U	U	U
trans-1,3-Dichloropropene	U	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U	U
Tetrachloroethene	500 D	300 D	140	170	120	120	120
2-Hexanone	U	U	U	U	U	U	U
Dibromochloromethane	U	U	U	U	U	U	U
1,2-Dibromoethane	U	U	U	U	U	U	U
Chlorobenzene	U	U	U	U	U	U	U
Ethylbenzene	U	U	U	U	U	U	U
Xylene (total)	U	U	U	U	U	U	U
Styrene	U	U	U	U	U	U	U
Bromoform	U	U	U	U	U	U	U
Isopropylbenzene	0.78 J	U	U	U	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U
1,3-Dichlorobenzene	U	U	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U	U	U	U
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U

TABLE 1-1 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
EXTRACTION AND TREATMENT SYSTEM SAMPLE RESULTS

SAMPLE ID	SYSTEM INFLUENT (EW-2)		SYSTEM INFLUENT (EW-2)		SYSTEM INFLUENT (EW-2)		SYSTEM INFLUENT (EW-2)		SYSTEM INFLUENT (EW-2)		SYSTEM INFLUENT (EW-2)		NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
	SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
DATE OF COLLECTION	9/23/03	9/23/03	10/7/03	10/21/03	11/4/03	11/7/03	11/7/03	11/7/03	11/7/03	11/7/03	11/7/03	12/10/03	
COLLECTED BY	URS	D&B	URS	URS	URS	URS	URS	URS	URS	URS	URS	URS	
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
VOCs													
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	U	U	U	U	U	U	U	2
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	5
1,1-Dichloroethene	U	U	1.2 J	U	U	U	U	U	U	U	U	1.4 J	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	50
Carbon disulfide	U	U	U	U	U	U	U	U	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	U	U	U	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	U	U	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	5
Methyl-tert butyl ether	U	U	U	U	U	U	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	5
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	50 GV
Chloroform	U	U	1.5 J	U	U	U	U	U	U	U	U	U	7
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Cyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	--
Carbon tetrachloride	U	U	U	U	U	U	U	U	U	U	U	U	5
Benzene	U	U	U	U	U	U	U	U	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	1
Trichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	5
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	1
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	50
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	U	U	U	U	U	U	U	U	U	--
Toluene	U	U	U	U	U	U	U	U	U	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.4
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	1
Tetrachloroethene	U	U	U	U	U	U	U	U	U	U	U	U	5
2-Hexanone	160 D	840 D	700 D	750 D	540 D	670 D	670 D	670 D	670 D	670 D	670 D	670 D	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	50
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	5
Xylene (total)	U	U	U	U	U	U	U	U	U	U	U	U	5
Styrene	U	U	U	U	U	U	U	U	U	U	U	U	5
Bromoforn	U	U	U	U	U	U	U	U	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	5
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	U	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	5

NOTES:
 U: Compound analyzed for but not detected
 U*: Result qualified as non-detect based on validation criteria
 J: Compound found at a concentration below CRDL, value estimated
 GV: Guidance Value
 ug/L = Micrograms per liter
 GV: Guidance Value
 D: Result when from monitoring at a concentration below CRDL

EXTRACTION AND TREATMENT SYSTEM SAMPLE RESULTS

NOTES:

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J: Compound found at a concentration below CRDL, value estimate --: Not established

ug/L = Microgram per liter

TABLE 1-1 (Continued)

NOTES: Concentration exceeds NYSDEC SPDES Permit
ug/L = Microgram per liter

TABLE 1-2
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
EXTRACTION AND TREATMENT SYSTEM AIR SAMPLE RESULTS

SAMPLE ID	CARBON VESSEL NO. 1 INFLUENT	CARBON VESSEL NO. 1 EFFLUENT	CARBON VESSEL NO. 2 INFLUENT	CARBON VESSEL NO. 2 EFFLUENT
SAMPLE TYPE	AIR	AIR	AIR	AIR
COLLECTED BY	URS	URS	URS	URS
UNITS	(ppm)	(ppm)	(ppm)	(ppm)
DATE OF COLLECTION	TOTAL VOCs	TOTAL VOCs	TOTAL VOCs	TOTAL VOCs
September 9, 2003	0.0	0.0	0.0	0.0
September 16, 2003	0.0	0.0	0.0	0.0
September 23, 2003	0.0	0.0	0.0	0.0
September 30, 2003	0.0	0.0	0.0	0.0
October 7, 2003	0.0	0.0	0.0	0.0
October 14, 2003	0.0	0.0	0.0	0.0
October 21, 2003	0.0	0.0	0.0	0.0
October 28, 2003	0.0	0.0	0.0	0.0
November 4, 2003	0.0	0.0	0.0	0.0
November 11, 2003	0.0	0.0	0.0	0.0
November 18, 2003	0.0	0.0	0.0	0.0
November 25, 2003	0.0	0.0	0.0	0.0
December 2, 2003	0.0	0.0	0.0	0.0
December 9, 2003	0.0	0.0	0.0	0.0

NOTES:

- Samples were collected by filling a Tedlar bag at each of the sampling locations. Samples were tested using a handheld photoionization detector.

TABLE 1-3
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	9/25/03	10/21/03	11/25/03	11/25/03	11/25/03	
DATE OF COLLECTION	URS	URS	URS	URS	D&B	
COLLECTED BY	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
UNITS						
VOCs						
Dichlorodifluoromethane	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	2
Bromomethane	U*	U	U	U	U	5
Chloroethane	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	5
1,1-Dichloroethene	2.5 J	U	1.3 J	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	5
Acetone	U	U	U	U	U	50
Carbon disulfide	U	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	U	5
Methyl-tert butyl ether	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	5
2-Butanone	U	U	U	U	U	50 GV
Chloroform	1.3 J	1.3 J	1.2 J	U	U	7
1,1,1-Trichloroethane	U	2.9 J	1.7 J	1.0 J	2.0 J	5
Cyclohexane	U	U	U	U	U	--
Carbon tetrachloride	U	U	U	U	U	5
Benzene	U	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	U	1
Trichloroethene	U	U	U	U	U	5
Methylcyclohexane	U	U	U	U	U	--
1,2-Dichloropropane	U	U	U	U	U	1
Bromodichloromethane	U	U	U	U	U	50
cis-1,3-Dichloropropene	U	U	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	U	U	--
Toluene	U	U	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	U	U	0.4
1,1,2-Trichloroethane	U	11.0 J	U	U	U	1
Tetrachloroethene	380 D	340 D	120	170	U	5
2-Hexanone	U	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	50
1,2-Dibromoethane	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	5
Xylene (total)	U	U	U	U	U	5
Styrene	U	U	U	U	U	50 GV
Bromoform	U	U	U	U	U	5
Isopropylbenzene	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	U	5

NOTES:

U: Compound analyzed for but not detected
 U*: Result qualified as non-detected based on validation criteria

J: Compound found at a concentration below CRDL, value estimated
 Concentration exceeds NYSDEC Class GA Groundwater
 Standard or Guidance Value

GV: Guidance Value
 ug/L = Micrograms per liter

TABLE 1-3 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-2	ASMW-2	ASMW-2	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	WATER	WATER	WATER	
DATE OF COLLECTION	9/25/03	10/21/03	11/25/03	
COLLECTED BY	URS	URS	URS	
UNITS	(ug/L)	(ug/L)	(ug/L)	
VOCs				
Dichlorodifluoromethane	U	U	U	5 GV
Chloromethane	U	U	U	5
Vinyl chloride	U	U	U	2
Bromomethane	U	U	U	5
Chloroethane	U	U	U	5
Trichlorofluoromethane	U	U	U	5
1,1-Dichloroethene	1.8 J	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	5
Acetone	U	U	U	50
Carbon disulfide	U	U	U	60 GV
Methyl acetate	U	U	U	--
Methylene chloride	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	5
Methyl-tert butyl ether	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	5
2-Butanone	U	U	U	50 GV
Chloroform	U	U	U	7
1,1,1-Trichloroethane	U	U	U	5
Cyclohexane	U	U	U	5
Carbon tetrachloride	U	U	U	5
Benzene	U	U	U	1
1,2-Dichloroethane	U	U	U	1
Trichloroethene	U	U	U	5
Methylcyclohexane	U	U	U	--
1,2-Dichloropropane	U	U	U	1
Bromodichloromethane	U	U	U	50
cis-1,3-Dichloropropene	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	--
Toluene	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	0.4
1,1,2-Trichloroethane	U	U	U	1
Tetrachloroethene	250 D	140	250 D	5
2-Hexanone	U	U	U	50 GV
Dibromochloromethane	U	U	U	50
1,2-Dibromoethane	U	U	U	5
Chlorobenzene	U	U	U	5
Ethylbenzene	U	U	U	5
Xylene (total)	U	U	U	5
Styrene	U	U	U	5
Bromoform	U	U	U	50 GV
Isopropylbenzene	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	5
1,3-Dichlorobenzene	U	U	U	3
1,4-Dichlorobenzene	U	U	U	3
1,2-Dichlorobenzene	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	5

NOTES:
 U: Compound analyzed for but not detected
 J: Compound found at a concentration below CRDL, value estimated
 D: Result taken from reanalysis at a secondary dilution
 [] Concentration exceeds NYSDEC Class GA Groundwater Standard or Guidance Value
 GV: Guidance Value
 ug/L = Micrograms per liter
 --: Not established

TABLE 1-3 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-3	ASMW-3	ASMW-3	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	WATER	WATER	WATER	
DATE OF COLLECTION	9/25/03	10/21/03	11/25/03	
COLLECTED BY	URS	URS	URS	
UNITS	(ug/L)	(ug/L)	(ug/L)	
VOCs				
Dichlorodifluoromethane	U	U	U	5 GV
Chloromethane	U	U	U	5
Vinyl chloride	U	U	U	2
Bromomethane	U*	U	U	5
Chloroethane	U	U	U	5
Trichlorofluoromethane	U	U	U	5
1,1-Dichloroethene	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U*	U	U	5
Acetone	U	U	U	50
Carbon disulfide	U	U	U	60 GV
Methyl acetate	U	U	U	--
Methylene chloride	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	5
Methyl-tert butyl ether	U	U	1.6 J	10 GV
1,1-Dichloroethane	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	5
2-Butanone	U	U	U	50 GV
Chloroform	U	U	U	7
1,1,1-Trichloroethane	U	U	U	5
Cyclohexane	U	U	U	--
Carbon tetrachloride	U	U	U	5
Benzene	U	U	U	1
1,2-Dichloroethane	U	U	U	1
Trichloroethene	U	U	U	5
Methylcyclohexane	U	U	U	--
1,2-Dichloropropane	U	U	U	1
Bromodichloromethane	U	1.0 J	U	50
cis-1,3-Dichloropropene	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	--
Toluene	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	0.4
1,1,2-Trichloroethane	U	U	2.1 J	1
Tetrachloroethene	13	1.4 J	U	5
2-Hexanone	U	U	U	50 GV
Dibromochloromethane	U	U	U	50
1,2-Dibromoethane	U	U	U	5
Chlorobenzene	U	U	U	5
Ethylbenzene	U	U	U	5
Xylene (total)	U	U	U	5
Styrene	U	U	U	5
Bromoform	U	U	U	50 GV
Isopropylbenzene	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	5
1,3-Dichlorobenzene	U	U	U	3
1,4-Dichlorobenzene	U	U	U	3
1,2-Dichlorobenzene	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	5

NOTES:
U: Compound analyzed for but not detected
U*: Result qualified as non-detect based on validation criteria
J: Compound found at a concentration below CRDL, value estimated
Concentration exceeds NYSDEC Class GA Groundwater
GV: Guidance Value
ug/L = Micrograms per liter

TABLE 1-3 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-4	ASMW-4	ASMW-4	ASMW-4	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	WATER	WATER	WATER	WATER	
DATE OF COLLECTION	9/25/03	10/21/03	11/25/03		
COLLECTED BY	URS	URS	URS		
UNITS	(ug/L)	(ug/L)	(ug/L)		
VOCs					
Dichlorodifluoromethane	U	U	U	U	5 GV
Chloromethane	U	U	U	U	5
Vinyl chloride	U	U	U	U	2
Bromomethane	U*	U	U	U	5
Chloroethane	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U*	U	U	U	5
Acetone	U	U	U	U*	50
Carbon disulfide	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	--
Methylene chloride	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	5
Methyl-tert butyl ether	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	5
2-Butanone	U	U	U	U	50 GV
Chloroform	U	4.0 J	U	3.0 J	7
1,1,1-Trichloroethane	U	U	U	U	5
Cyclohexane	U	U	U	U	5
Carbon tetrachloride	U	U	U	U	--
Benzene	U	U	U	U	5
1,2-Dichloroethane	U	U	U	U	1
Trichloroethene	U	U	U	U	1
Methylcyclohexane	U	U	U	U	5
1,2-Dichloropropane	U	U	U	U	--
Bromodichloromethane	U	U	U	U	1
cis-1,3-Dichloropropene	U	U	U	U	50
4-Methyl-2-pentanone	U	U	U	U	0.4
Toluene	U	U	U	U	--
trans-1,3-Dichloropropene	U	U	U	U	5
1,1,2-Trichloroethane	U	U	U	U	0.4
Tetrachloroethene	U	U	U	U	1
2-Hexanone	U	U	U	U	5
Dibromochloromethane	U	U	U	U	50 GV
1,2-Dibromoethane	U	U	U	U	50
Chlorobenzene	U	U	U	U	5
Ethylbenzene	U	U	U	U	5
Xylene (total)	U	U	U	U	5
Styrene	U	U	U	U	5
Bromoform	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	5

NOTES:

U: Compound analyzed for but not detected
U*: Result qualified as non-detect based on validation criteria

J: Compound found at a concentration below CRDL, value estimated
Concentration exceeds NYSDEC Class GA Groundwater

GV: Guidance Value
ug/L = Micrograms per liter

TABLE 1-3 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-5 WATER	ASMW-5 WATER	ASMW-5 WATER	ASMW-5 WATER	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	9/25/03	10/21/03	11/25/03		
DATE OF COLLECTION	URS	URS	URS		
COLLECTED BY	(ug/L)	(ug/L)	(ug/L)		
UNITS					
VOCs					
Dichlorodifluoromethane	U	U	U	U	5 GV
Chloromethane	U	U	U	U	5
Vinyl chloride	U	U	U	U	2
Bromomethane	U*	U	U	U	5
Chloroethane	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U*	U	U	U	5
Acetone	U	U	U	440	50
Carbon disulfide	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	--
Methylene chloride	2.1 J	U	U	U	5
trans-1,2-Dichloroethene	U	U	U	U	5
Methyl-tert butyl ether	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	5
2-Butanone	U	U	U	U	50 GV
Chloroform	3.6 J	U	U	U	7
1,1,1-Trichloroethane	U	U	U	U	5
Cyclohexane	U	U	U	U	--
Carbon tetrachloride	U	U	U	U	5
Benzene	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	1
Trichloroethene	U	U	U	U	5
Methylcyclohexane	U	U	U	U	--
1,2-Dichloropropane	U	U	U	U	1
Bromodichloromethane	U	U	U	U	50
cis-1,3-Dichloropropene	U	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	U	--
Toluene	U	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	U	0.4
1,1,2-Trichloroethane	U	U	U	U	1
Tetrachloroethene	U	U	U	U	5
2-Hexanone	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	50
1,2-Dibromoethane	U	U	U	U	5
Chlorobenzene	U	U	U	U	5
Ethylbenzene	U	U	U	U	5
Xylene (total)	U	U	U	1.0 J	5
Styrene	U	U	U	U	5
Bromoform	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	5

NOTES:

U: Compound analyzed for but not detected
U*: Result qualified as non-detect based on validation criteria

J: Compound found at a concentration below CRDL, value estimated
Concentration exceeds NYSDEC Class GA Groundwater

GV: Guidance Value
ug/L = Micrograms per liter

ATTACHMENT A



**Dvirka
and
Bartilucci**

CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York, 11797-2015
516-364-9890 • 718-460-3634 • Fax: 516-364-9045
e-mail: db-eng@worldnet.att.net

January 22, 2004

Principals

Nicholas J. Bartilucci, P.E.
President

Henry J. Chlupsa, P.E.
Executive Vice President

Thomas F. Maher, P.E.
Vice President

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Vice President

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Vice President

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Vice President

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Dennis F. Koehler, P.E.

Joseph H. Marturano

John A. Mirando, P.E.

Kenneth J. Pritchard, P.E.

Brian M. Veith, P.E.

Associates

Joseph F. Baader

Garrett M. Byrnes, P.E.

Rudolph F. Cannavale

Joseph A. Fioraliso, P.E.

Thomas P. Fox, P.G.

Gerald Gould, C.P.G.

William D. Merkin, P.E.

Michael Neuberger, P.E.

Edward J. Reilly

Charles J. Wachsmuth, P.E.

Kenneth P. Wenz, Jr., C.P.G.

Kenneth Sullivan
Project Manager
URS Corporation
201 Willowbrook Boulevard
P.O. Box 290
Wayne, NJ 07474-0290

Re: Franklin Cleaners Site (Site No. 1-30-050)
NYSDEC Contract No. D004264
Alarm System
D&B No. 1851-2

Dear Mr. Sullivan:

This letter is in response to your letter dated January 8, 2004, describing problems with the auto dialer portion of the alarm system for the above-referenced site. After receiving this letter via facsimile on January 8, 2004, an on-site meeting among URS Corporation, J.K. Electric Inc. and this office was scheduled for January 9, 2004, to address the problems presented. The following summarizes the events that took place during this meeting.

Upon arriving on-site and entering the treatment system building on the morning of January 9, 2004, an intrusion alarm was initiated and conveyed through the auto dialer to the pager of URS Corporation (URS) Plant Operator, Mr. Greg Gangemi, immediately after detection. The alarm was then manually cleared from the auto dialer upon acknowledgement of the alarm by Mr. Gangemi. Later that morning, inspection of the extraction and treatment system revealed that the system controls were not operating correctly. For instance, a control relay mounted within the extraction and treatment system control panel, which relays a common system alarm from the control panel to the auto dialer, was not functioning as required upon alarm. As a result, the common system alarm (Alarm Point # 2) was consistently active, as indicated by the auto dialer, even though the extraction and treatment system was operational. Additionally, the pressure blower would not shut down after initiating a high-level alarm in the wet well. Upon explaining the operating conditions to a representative of the equipment manufacturer, Mr. Andrew Heinen of Carbonair[®], we discovered an improper connection within the control relay expansion module of the extraction and treatment system programmable logic controller (PLC). As a result, it appeared the PLC was not communicating correctly with the entire system, causing the various system malfunctions.

Dvirka and Bartilucci
CONSULTING ENGINEERS

Kenneth Sullivan
Project Manager
URS Corporation
January 22, 2004

Page Two

After adjusting the connection within the control relay expansion module of the extraction and treatment system PLC at the direction of Carbonair®, the extraction and treatment system was restarted and the extraction and treatment system controls were operating as required under the various alarm conditions. At this time, the alarm system was tested and all alarms were conveyed through the auto dialer with the exception of the common system alarm (Alarm Point # 2). As this alarm point may have been compromised due to being constantly in alarm, Mr. Jim Kilcullen of J.K. Electric Inc. proceeded to reprogram the auto dialer to receive the extraction and treatment system alarm under an unused point number. The alarm system was then retested and all alarms, including the common system alarm, were conveyed through the auto dialer successfully.

Should you have any questions please feel free to contact me at (516) 364-9890.

Very truly yours,



Frank DeVita
Project Manager

FDt/jmy,ld
cc: J. Trad, NYSDEC
K. Kaufman, URS
J. Kilcullen, JK Electric
T. Maher, D&B
R. Heling, D&B
♦1851\FD04\LTR.DOC-23(R01)



Dvirka and Bartilucci

CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York, 11797-2015
516-364-9890 ▪ 718-460-3634 ▪ Fax: 516-364-9045
e-mail: db-eng@worldnet.att.net

June 21, 2004

Principals

Nicholas J. Bartilucci, P.E.
President

Henry J. Chlupsa, P.E.
Executive Vice President

Thomas F. Maher, P.E.
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John A. Miranda, P.E.

Kenneth J. Pritchard, P.E.

Brian M. Veith, P.E.

Associates

Joseph F. Baader

Garrett M. Byrnes, P.E.

Rudolph F. Cannavale

Joseph A. Fioraliso, P.E.

Thomas P. Fox, P.G.

Gerald Gould, C.P.G.

William D. Merklin, P.E.

Michael Neuberger, P.E.

Edward J. Reilly

Charles J. Wachsmuth, P.E.

Kenneth P. Wenz, Jr., C.P.G.

Jeffrey E. Trad, P.E.

Bureau of Construction Services

Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, 12th Floor

Albany, NY 12233-7013

Re: Franklin Cleaners Site (Site No. 1-30-050)

NYSDEC Contract No. D004264

Quarterly Report No. 2 – December 9, 2003 through March 9, 2004

D&B No. 1851-05

Dear Mr. Trad:

The purpose of this letter is to summarize the operation and sampling of the groundwater extraction and treatment system, located approximately 1 mile south/downgradient of the Franklin Cleaners Site (see Figure 1), for the period of December 9, 2003 through March 9, 2004. The information contained within this report is a compilation of monthly monitoring reports submitted by URS Corporation (URS) as per the requirements of the referenced contract, as well as additional split sampling performed by Dvirka and Bartilucci Consulting Engineers (D&B) as per the requirements of the approved Remedial Construction Inspection Work Plan Amendment, dated October 2003.

Groundwater Extraction and Treatment System Operation

According to URS reports, extraction wells EW-1 and EW-2 operated at average pumping rates of 36.0 gallons per minute (gpm) and 3.8 gpm, respectively during the period. A total of 5,090,237 gallons of treated groundwater was discharged to the Nassau County Department of Public Works (NCDPW) storm sewer system.

During the period, the groundwater extraction and treatment system was inoperative for approximately 330 hours due to routine maintenance activities and system alarm conditions. A detailed description of system alarm conditions is provided in Attachment A.

Jeffrey E. Trad, P.E.
Bureau of Construction Services
Division of Environmental Remediation
New York State Department of Environmental Conservation
June 21, 2004

Page 2

Groundwater Extraction and Treatment System Sampling

Samples were collected by URS from each of the two extraction well influent line sample taps, as well as from the air stripper discharge sample tap at a frequency of twice per month during the period. Each sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method OLM04.2. The samples collected from the air stripper discharge sample tap were also analyzed for iron and manganese by USEPA Method 200.7 and field measured for pH. Split samples were collected by D&B on February 24, 2004, from one of the extraction well influent line sample taps and from the air stripper discharge sample tap. The split samples were analyzed for VOCs by USEPA Method OLM04.2. The air stripper discharge split sample was also analyzed for iron and manganese by USEPA Method 200.7 and pH by SM 4500.

Sample results are shown in Tables 1 through 4. On the tables, the air stripper influent results are compared to Class GA Groundwater Standards and Guidance Values. The air stripper discharge results are compared to the effluent limitations defined in Table 01651-1 of the Contract Documents, as well as Class GA Groundwater Standards and Guidance Values. As can be seen from Tables 3 and 4, all of the air stripper discharge results for the period are below the effluent limitations. Approximately 4.6 pounds of tetrachloroethene (PCE) were removed by the low profile air stripper during the period. The average PCE removal efficiency for this period was 99.3 percent. Refer to Table 5, which presents a summary of the extraction and treatment system performance results since startup.

Vapor phase samples were collected by URS from the influent and effluent sample taps of each of the two carbon adsorption units at a frequency of once per week during the period. Each sample was collected by filling a Tedlar bag directly from the sampling taps and analyzed using a handheld photoionization detector (PID). The results are shown in Table 6. All PID readings were non-detect this period.

Groundwater Quality Data

The network of five groundwater monitoring wells was sampled by URS to evaluate the effectiveness and optimize the operation of the groundwater extraction and treatment system. Samples were collected from ASMW-1, ASMW-2, ASMW-3, ASMW-4 and ASMW-5 on February 23 and 24, 2004, and analyzed for VOCs by USEPA Method OLM04.2. The locations of these wells are shown on Figure 2. A split groundwater sample was collected by D&B from ASMW-1 on February 23, 2004, and analyzed for VOCs by USEPA Method OLM04.2.

Analytical results for the monitoring well samples are shown in Table 7 and summarized on Figure 2. The results are compared to NYSDEC Class GA Groundwater Standards and Guidance Values. The samples collected from wells ASMW-1 and ASMW-2 exhibited concentrations of PCE above the

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CONSULTING ENGINEERS

Jeffrey E. Trad, P.E.
Bureau of Construction Services
Division of Environmental Remediation
New York State Department of Environmental Conservation
June 21, 2004

Page 3

standard of 5 micrograms per liter (ug/l). There were no other VOCs detected at concentrations above standards or guidance values. PCE concentrations in groundwater monitoring wells ASMW-1, ASMW-2 and ASMW-3 have declined since system startup. Refer to the attached trend line graphs summarizing PCE concentrations detected in samples collected from ASMW-1, ASMW-2 and ASMW-3.

Conclusions

- System influent sample results show that the extraction wells are capturing VOC-contaminated groundwater.
- System effluent sample results show that the air stripper is effectively removing the captured VOCs to concentrations below the discharge criteria.
- Concentrations of tetrachloroethane have declined from 120 ug/l and 250 ug/l (11/25/03) in groundwater monitoring wells ASMW-1 and ASMW-2 to 66 ug/l and 51 ug/l, respectively. VOCs were not detected above standards or guidance values in the samples collected from groundwater monitoring wells ASMW-3, ASMW-4 and ASMW-5 during this period.

Recommendations

- Operation of the groundwater extraction and treatment system should be continued.
- Consideration should be given to additional groundwater monitoring to confirm capture of the western edge of the plume.

Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

Very truly yours,



Frank DeVita
Project Manager

FD/ld
Enclosure
cc: D. Glass, D&B
J. Neri, H2M
◆1851\FD05144JET-LTR.DOC(R02)

FIGURES



SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

SITE LOCATION MAP



TABLES

TABLE 1
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
RESULTS OF ANALYSIS OF EW-1 INFLUENT

SAMPLE ID	SYSTEM INFLUENT (EW-1)		SYSTEM INFLUENT (EW-1)		SYSTEM INFLUENT (EW-1)		SYSTEM INFLUENT (EW-1)		SYSTEM INFLUENT (EW-1)		SYSTEM INFLUENT (EW-1)		NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
	WATER	9/23/03	WATER	9/23/03	WATER	10/7/03	WATER	11/4/03	WATER	11/18/03	WATER	12/10/03	
DATE OF COLLECTION	URS		D&B		URS		URS		URS		URS		
COLLECTED BY	(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)		
UNITS													
VOCs													
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	U	U	U	U	U	U	U	2
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	5
1,1-Dichloroethene	2.4 J	U	U	U	U	U	U	U	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	50
Carbon disulfide	U	U	U	U	U	U	U	U	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	U	U	U	U	U	U	U	U	-
Methylene chloride	U*	U	U	U	U	U	U	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	5
Methyl-tert butyl ether	U	U	U	U	U	U	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	5
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	50 GV
Chloroform	1.6 J	U	U	U	U	U	U	U	U	U	U	U	7
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
Cyclohexane	2.0 J	U	U	U	U	U	U	U	U	U	U	U	10 GV
Carbon tetrachloride	U	U	U	U	U	U	U	U	U	U	U	U	5
Benzene	U	U	U	U	U	U	U	U	U	U	U	U	-
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	1
Trichloroethene	0.66 J	U	U	U	U	U	U	U	U	U	U	U	1
Methylcyclohexane	1.4 J	U	U	U	U	U	U	U	U	U	U	U	5
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	-
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	1
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	50
4-Methyl-2-pentanone	U	U	U	U	U	U	U	U	U	U	U	U	0.4
Toluene	U	U	U	U	U	U	U	U	U	U	U	U	-
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	5
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	0.4
Tetrachloroethene	500 D	300 D	140	170	130	120	120	120	120	120	120	120	1
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	5
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	50
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	5
Xylene (total)	U	U	U	U	U	U	U	U	U	U	U	U	5
Styrene	U	U	U	U	U	U	U	U	U	U	U	U	5
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U	50 GV
Isopropylbenzene	0.78 J	U	U	U	U	U	U	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	5
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	U	U	U	U	U	3
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	0.04
													5

NOTES:
 U: Compound analyzed for but not detected
 U*: Result qualified as non-detected based on validation criteria
 D: Result taken from reanalysis at a secondary dilution
 J: Compound found at a concentration below CRDL, value estimated
 Concentration exceeds NYSDEC Class GA
 Groundwater Standards or Guidance Values
 ug/L = Micrograms per liter
 GV: Guidance Value
 -: Not established
 - Second quarter results shaded
 G:/FDevita/Projects/Franklin, Cleaners/NYSDEC Contract No. D004264 - GW Treatment System/Quarterly Reports/Second Quarter/Quarter 2 Sampling Results.xls

TABLE 1 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
RESULTS OF ANALYSIS OF EW-1 INFLUENT

SAMPLE ID	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
DATE OF COLLECTION	12/16/03	12/30/03	1/13/04	1/27/04	2/10/04	2/24/04	2/24/04	2/24/04	
COLLECTED BY	URS	URS	URS	URS	URS	URS	URS	URS	
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
VOCs									
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	U	U	U	2
Bromomethane	U	U	U	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	5
Acetone	U	U	U	U	U	U	U	U	50
Carbon disulfide	U	U	U	U	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	U	U	U	U	-
Methylene chloride	U	U	U	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	U	U	U	U	5
Methyl-tert butyl ether	0.98 J	U	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	U	50 GV
2-Butanone	U	U	U	U	U	U	U	U	7
Chloroform	U	U	U	U	U	U	U	U	5
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	5
Cyclohexane	U	U	U	U	U	U	U	U	-
Carbon tetrachloride	U	U	U	U	U	U	U	U	5
Benzene	U	U	U	U	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	U	U	U	U	1
Trichloroethene	U	U	U	U	U	U	U	U	5
Methylcyclohexane	U	U	U	U	U	U	U	U	-
1,2-Dichloropropane	U	U	U	U	U	U	U	U	1
Bromodichloromethane	U	U	U	U	U	U	U	U	50
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	U	U	U	U	U	-
Toluene	U	U	U	U	U	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	0.4
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	1
Tetrachloroethene	140	91	58	48	74	45	81	81	5
2-Hexanone	U	U	U	U	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	50
1,2-Dibromoethane	U	U	U	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	U	U	U	5
Xylene (total)	U	U	U	U	U	U	U	U	5
Styrene	U	U	U	U	U	U	U	U	50 GV
Bromoform	U	U	U	U	U	U	U	U	5
Isopropylbenzene	U	U	U	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	5

NOTES:

U: Compound analyzed for but not detected
 U*: Result qualified as non-detect based on validation criteria
 D: Result taken from reanalysis at a secondary dilution
 J: Compound found at a concentration below CRDL, value estimated
 Concentration exceeds NYSDEC Class GA
 Groundwater Standards or Guidance Values
 ug/L = Micrograms per liter
 GV: Guidance Value
 -: Not established
 - Second quarter results shaded

**NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
RESULTS OF ANALYSIS OF EW-2 INFLUENT**

U: Compound analyzed for but not detected
 U*: Result qualified as non-detect based on validation criteria
 D: Result taken from reanalysis at a secondary dilution
 G: J/F/2016/1/Projects/Franklin Cleaners/NYSDEC Contract No. D0042984 - GW Treatment System/Quarterly Reports/Second Quarter/Quarter 2 Sampling Results.xls
 J: Compound found at a concentration below CRDL, value estimated
 []: Concentration exceeds NYSDEC Class GA
 Groundwater Standards or Guidance Values
 ug/L = Micrograms per liter
 GV: Guidance Value
 -: Not established
 - Second quarter results shaded

TABLE 2 (Continued)

[illegible]

TABLE 3 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
RESULTS OF ANALYSIS OF AIR STRIPPER EFFLUENT FOR VOCs

SAMPLE ID	SYSTEM EFFLUENT		SYSTEM EFFLUENT		SYSTEM EFFLUENT		SYSTEM EFFLUENT		SYSTEM EFFLUENT		EFFLUENT LIMITATIONS	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
	WATER	URS	WATER	URS	WATER	URS	WATER	URS	WATER	URS		
DATE OF COLLECTION	12/30/03	1/2/04	1/13/04	1/27/04	2/10/04	2/24/04	2/24/04	2/24/04	2/24/04	2/24/04	(ug/L)	
COLLECTED BY	URS	D&B	URS	URS	URS	URS	URS	URS	URS	D&B		
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)		
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U		5 GV
Chloromethane	U	U	U	U	U	U	U	U	U	U		5
Vinyl chloride	U	U	U	U	U	U	U	U	U	U		2
Bromomethane	U	U	U	U	U	U	U	U	U	U		5
Chloroethane	U	U	U	U	U	U	U	U	U	U		5
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U		5
1,1-Dichloroethene	U	U	U	U	U	U	U	U	U	U		5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	U	U		5
Acetone	U	U	U	U	U	U	U	U	U	U		50
Carbon disulfide	U	U	U	U	U	U	U	U	U	U		60 GV
Methyl acetate	U	U	U	U	U	U	U	U	U	U		-
Methylene chloride	U	U	U	U	U	U	U	U	U	U		5
trans 1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U		5
Methyl-tert butyl ether	U	U	U	U	U	U	U	U	U	U		10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	U	U		5
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U		5
2-Butanone	U	U	U	U	U	U	U	U	U	U		50 GV
Chloroform	U	U	U	U	U	U	U	U	U	U		7
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	U	U		5
Cyclohexane	U	U	U	U	U	U	U	U	U	U		-
Carbon tetrachloride	U	U	U	U	U	U	U	U	U	U		5
Benzene	U	U	U	U	U	U	U	U	U	U		1
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U		1
Trichloroethene	U	U	U	U	U	U	U	U	U	U		5
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U		-
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U		1
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U		5
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U		-
4-Methyl-2-pentanone	U	U	U	U	U	U	U	U	U	U		50
Toluene	U	U	U	U	U	U	U	U	U	U		0.4
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U		-
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U		5
Tetrachloroethene	U	U	U	U	U	U	U	U	U	U		0.4
2-Hexanone	U	U	U	U	U	U	U	U	U	U		-
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U		5
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U		50 GV
Chlorobenzene	U	U	U	U	U	U	U	U	U	U		5
Ethylbenzene	U	U	U	U	U	U	U	U	U	U		5
Xylene (total)	U	U	U	U	U	U	U	U	U	U		5
Styrene	U	U	U	U	U	U	U	U	U	U		5
Bromoform	U	U	U	U	U	U	U	U	U	U		50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U		5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U		5
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U		3
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U		3
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U		3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	U	U	U		0.04
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U		5

NOTES:

U: Compound analyzed for but not detected

U*: Result qualified as non-detect based on validation criteria

J: Compound found at a concentration below CRDL, value estimated



Concentration exceeds NYSDEC Class GA Groundwater Standards and Guidance Values

-: Not established

ug/L = Micrograms per liter

- Second quarter results shaded

TABLE 4

NOTES:

Concentration exceeds effluent limitations per Table 01651-1 of the Contract Documents

Concentration
ug/L: Micrograms per liter

TABLE 4 (Continued)

NOTES:

Concentration exceeds effluent limitations per Table 01651-1 of the Contract Documents

G:/FDevita/Projects/Franklin Cleaners/NYSDEC Contract No. D004264 - GW Treatment System/Quarterly Reports/Second Quarter/Quarter 2 Sampling Results.xls

TABLE 6
FRANKLIN CLEANERS SITE
 /SDEC CONTRACT No. D004264 / SITE No. 1-30-01
VAPOR PHASE SAMPLE RESULTS

SAMPLE ID	CARBON VESSEL NO. 1 INFLUENT	CARBON VESSEL NO. 1 EFFLUENT	CARBON VESSEL NO. 2 INFLUENT	CARBON VESSEL NO. 2 EFFLUENT
SAMPLE TYPE	AIR	AIR	AIR	AIR
COLLECTED BY	URS	URS	URS	URS
UNITS	(ppm)	(ppm)	(ppm)	(ppm)
DATE OF COLLECTION	<i>PID Reading</i>	<i>PID Reading</i>	<i>PID Reading</i>	<i>PID Reading</i>
September 9, 2003	0.0	0.0	0.0	0.0
September 16, 2003	0.0	0.0	0.0	0.0
September 23, 2003	0.0	0.0	0.0	0.0
September 30, 2003	0.0	0.0	0.0	0.0
October 7, 2003	0.0	0.0	0.0	0.0
October 14, 2003	0.0	0.0	0.0	0.0
October 21, 2003	0.0	0.0	0.0	0.0
October 28, 2003	0.0	0.0	0.0	0.0
November 4, 2003	0.0	0.0	0.0	0.0
November 11, 2003	0.0	0.0	0.0	0.0
November 18, 2003	0.0	0.0	0.0	0.0
November 25, 2003	0.0	0.0	0.0	0.0
December 2, 2003	0.0	0.0	0.0	0.0
December 9, 2003	0.0	0.0	0.0	0.0
December 16, 2003	0.0	0.0	0.0	0.0
December 23, 2003	0.0	0.0	0.0	0.0
December 30, 2003	0.0	0.0	0.0	0.0
January 6, 2004	0.0	0.0	0.0	0.0
January 13, 2004	0.0	0.0	0.0	0.0
January 20, 2004	0.0	0.0	0.0	0.0
January 27, 2004	0.0	0.0	0.0	0.0
February 3, 2004	0.0	0.0	0.0	0.0
February 10, 2004	0.0	0.0	0.0	0.0
February 17, 2004	0.0	0.0	0.0	0.0
February 24, 2004	0.0	0.0	0.0	0.0
March 2, 2004	0.0	0.0	0.0	0.0
March 9, 2004	0.0	0.0	0.0	0.0

NOTES:

Samples were collected by filling a Tedlar bag at each of the sampling locations. Samples were tested using a handheld photoionization detector.

→ Contractor indicates that handheld photoionization detector used during sampling event determined to have dirty sensors resulting in erroneous readings which were not consistent with historical data.

* - Second quarter results shaded

TABLE 7

FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	ASMW-1 WATER	
DATE OF COLLECTION	6/23/03	9/25/03	10/21/03	11/25/03	11/25/03	11/25/03	
COLLECTED BY	URS	URS	URS	URS	URS	URS	
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
VOCs							
Dichlorodifluoromethane	U	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	U	2
Bromomethane	U	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	U	5
1,1-Dichloroethene	U	2.5 J	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	1.3 J	U	U	5
Acetone	U	U	U	U	U	U	50
Carbon disulfide	U	U	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	U	U	5
Methyl-tert butyl ether	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	U	5
2-Butanone	U	U	U	U	U	U	50 GV
Chloroform	U	1.3 J	U	U	U	U	7
1,1,1-Trichloroethane	U	U	1.3 J	1.2 J	1.0 J	U	5
Cyclohexane	U	U	2.9 J	1.7 J	2.0 J	U	5
Carbon tetrachloride	U	U	U	U	U	U	--
Benzene	U	U	U	U	U	U	5
1,2-Dichloroethane	U	U	U	U	U	U	1
Trichloroethene	U	U	U	U	U	U	5
Methylcyclohexane	U	U	U	U	U	U	1
1,2-Dichloropropane	U	U	U	U	U	U	5
Bromodichloromethane	U	U	U	U	U	U	--
cis-1,3-Dichloropropene	U	U	U	U	U	U	1
4-Methyl-2-pentanone	U	U	U	U	U	U	50
Toluene	U	U	U	U	U	U	0.4
trans-1,3-Dichloropropene	U	U	U	U	U	U	--
1,1,2-Trichloroethane	U	U	U	U	U	U	5
Tetrachloroethene	U	U	U	U	U	U	0.4
2-Hexanone	U	U	U	U	U	U	1
Dibromochloromethane	U	U	U	U	U	U	5
1,2-Dibromoethane	U	U	U	U	U	U	50 GV
Chlorobenzene	U	U	U	U	U	U	50
Ethylbenzene	U	U	U	U	U	U	5
Xylene (total)	U	U	U	U	U	U	5
Styrene	U	U	U	U	U	U	5
Bromoform	U	U	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	U	U	5

NOTES:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution

Concentration exceeds NYSDEC Class GA Groundwater Standard or Guidance Value
GV: Guidance Value
ug/L = Micrograms per liter
--: Not established
- Second quarter results shaded

TABLE 7 (Continued)

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution

Concentration exceeds NYSDEC Class GA Groundwater Standard or Guidance Value
GV: Guidance Value

ug/L: Micrograms per liter
-: Not established
-: Second quarter results shaded

G:/FDevlat/P/Projects/Franklin Cleaners/NYSDEC Contract No. D004284 - GW Treatment System/Quarterly Reports/Second Quarter/Quarter 2 Sampling Results.xls

TABLE 7 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004284 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	NYSDEC CLASS GA
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	GROUNDWATER
DATE OF COLLECTION	6/19/03	6/19/03	9/25/03	10/21/03	11/25/03	2/23/04	STANDARDS AND
COLLECTED BY	URS	D&B	URS	URS	URS	URS	GUIDANCE VALUES
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
VOCs							
Dichlorodifluoromethane	U	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	U	2
Bromomethane	U	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	1.8 U	U	U	U	5
Acetone	U	U	U	U	U	U	50
Carbon disulfide	U	U	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	U	U	5
Methyl-tert butyl ether	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	U	5
2-Butanone	U	U	U	U	U	U	50 GV
Chloroform	U	U	U	U	U	U	7
1,1,1-Trichloroethane	U	U	U	U	U	U	5
Cyclohexane	U	U	U	U	U	U	--
Carbon tetrachloride	U	U	U	U	U	U	5
Benzene	U	U	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	U	U	1
Trichloroethene	U	U	U	U	U	U	5
Methylcyclohexane	U	U	U	U	U	U	--
1,2-Dichloropropane	U	U	U	U	U	U	1
Bromodichloromethane	U	U	U	U	U	U	50
cis-1,3-Dichloropropene	U	U	U	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	U	U	U	--
Toluene	U	U	U	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	U	U	U	0.4
1,1,2-Trichloroethane	U	U	U	U	U	U	1
Tetrachloroethene	87	79	250 D	140	250 D	5.1	5
2-Hexanone	U	U	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	U	50
1,2-Dibromoethane	U	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	U	5
Xylene (total)	U	U	U	U	U	U	5
Styrene	U	U	U	U	U	U	5
Bromoform	U	U	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	U	U	5

NOTES:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution
Concentration exceeds NYSDEC Class GA Groundwater Standard or Guidance Value
GV: Guidance Value
ug/L = Micrograms per liter
--: Not established
- Second quarter results shaded

TABLE 7 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-3 WATER	ASMW-3 WATER	ASMW-3 WATER	ASMW-3 WATER	ASMW-3 WATER	ASMW-3 WATER	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	6/23/03	9/25/03	10/21/03	11/25/03	2/25/04	2/25/04	
DATE OF COLLECTION	URS	URS	URS	URS	URS	URS	
COLLECTED BY	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
UNITS							
VOCs							
Dichlorodifluoromethane	U	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	U	2
Bromomethane	U	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	5
Acetone	U	U	U	U	U	U	50
Carbon disulfide	U	U	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	U	U	5
Methyl-tert butyl ether	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	U	5
2-Butanone	U	U	U	U	U	U	50 GV
Chloroform	U	U	U	U	U	U	7
1,1,1-Trichloroethane	U	U	U	U	U	U	5
Cyclohexane	U	U	U	U	U	U	--
Carbon tetrachloride	U	U	U	U	U	U	5
Benzene	U	U	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	U	U	1
Trichloroethene	U	U	U	U	U	U	5
Methylcyclohexane	U	U	U	U	U	U	--
1,2-Dichloropropane	U	U	U	U	U	U	1
Bromodichloromethane	U	U	U	U	U	U	50
cis-1,3-Dichloropropene	U	U	U	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	U	U	U	--
Toluene	U	U	U	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	U	U	U	0.4
1,1,2-Trichloroethane	U	U	U	U	U	U	1
Tetrachloroethene	U	U	U	U	U	U	5
2-Hexanone	U	13	U	2.1 J	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	U	50
1,2-Dibromoethane	U	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	U	5
Xylene (total)	U	U	U	U	U	U	5
Styrene	U	U	U	U	U	U	5
Bromoform	U	U	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	U	U	5

NOTES:

TABLE 7 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-4 WATER	ASMW-4 WATER	ASMW-4 WATER	ASMW-4 WATER	ASMW-4 WATER	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	6/23/03	9/25/03	10/21/03	11/25/03	12/24/04	
DATE OF COLLECTION	URS	URS	URS	URS	URS	
COLLECTED BY	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
UNITS						
VOCs						
Dichlorodifluoromethane	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	2
Bromomethane	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	5
Acetone	U	U	U	U	U	50
Carbon disulfide	U	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	U	5
Methyl-tert butyl ether	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	5
2-Butanone	U	U	U	U	U	50 GV
Chloroform	4.4	U	4.0 J	3.0 J	U	7
1,1,1-Trichloroethane	U	U	U	U	U	5
Cyclohexane	U	U	U	U	U	--
Carbon tetrachloride	U	U	U	U	U	5
Benzene	U	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	U	1
Trichloroethene	U	U	U	U	U	5
Methylcyclohexane	U	U	U	U	U	--
1,2-Dichloropropane	U	U	U	U	U	1
Bromodichloromethane	U	U	U	U	U	50
cis-1,3-Dichloropropene	U	U	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	U	U	--
Toluene	U	U	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	U	U	0.4
1,1,2-Trichloroethane	U	U	U	U	U	1
Tetrachloroethene	U	U	U	U	U	5
2-Hexanone	U	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	50
1,2-Dibromoethane	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	5
Xylene (total)	U	U	U	U	U	5
Styrene	U	U	U	U	U	5
Bromoform	U	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	U	5

NOTES:

U: Compound analyzed for but not detected
 U*: Result qualified as non-detect based on validation criteria
 D: Result taken from reanalysis at a secondary dilution
 J: Compound found at a concentration below CRDL, value estimated
 GV: Guidance Value
 ug/L = Micrograms per liter
 --: Not established
 - Second quarter results shaded

TABLE 7 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004284 / SITE No. 1-30-050
MONITORING WELL SAMPLE RESULTS

SAMPLE ID	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	
DATE OF COLLECTION	6/23/03	9/25/03	10/21/03	11/25/03	2/24/04	
COLLECTED BY	URS	URS	URS	URS	URS	
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
VOCS						
Dichlorodifluoromethane	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	2
Bromomethane	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	5
Trichlorofluoromethane	U	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	5
Acetone	U	U	U	U	U	50
Carbon disulfide	U	U	U	440	U	60 GV
Methyl acetate	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	2.1 J	U	U	U	10 GV
Methyl-tert butyl ether	U	U	U	U	U	5
1,1-Dichloroethane	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	50 GV
2-Butanone	U	U	U	U	U	7
Chloroform	U	3.6 J	U	U	2.2 J	5
1,1,1-Trichloroethane	U	U	U	U	U	--
Cyclohexane	U	U	U	U	U	5
Carbon tetrachloride	U	U	U	U	U	1
Benzene	U	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	U	5
Trichloroethene	U	U	U	U	U	--
Methylcyclohexane	U	U	U	U	U	1
1,2-Dichloropropane	U	U	U	U	U	50
Bromodichloromethane	U	U	U	U	U	0.4
cis-1,3-Dichloropropene	U	U	U	U	U	--
4-Methyl-2-pentanone	U	U	U	U	U	5
Toluene	U	U	U	U	U	--
trans-1,3-Dichloropropene	U	U	U	U	U	0.4
1,1,2-Trichloroethane	U	U	U	U	U	1
Tetrachloroethene	U	U	U	U	U	5
2-Hexanone	U	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	50
1,2-Dibromoethane	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	5
Xylene (total)	U	U	U	1.0 J	U	5
Styrene	U	U	U	U	U	50 GV
Bromoform	U	U	U	U	U	5
Isopropylbenzene	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	5
1,3-Dichlorobenzene	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	U	3
1,2-Dichlorobenzene	U	U	U	U	U	3
1,2-Dibromo-3-chloropropane	U	U	U	U	U	0.04
1,2,4-Trichlorobenzene	U	U	U	U	U	5

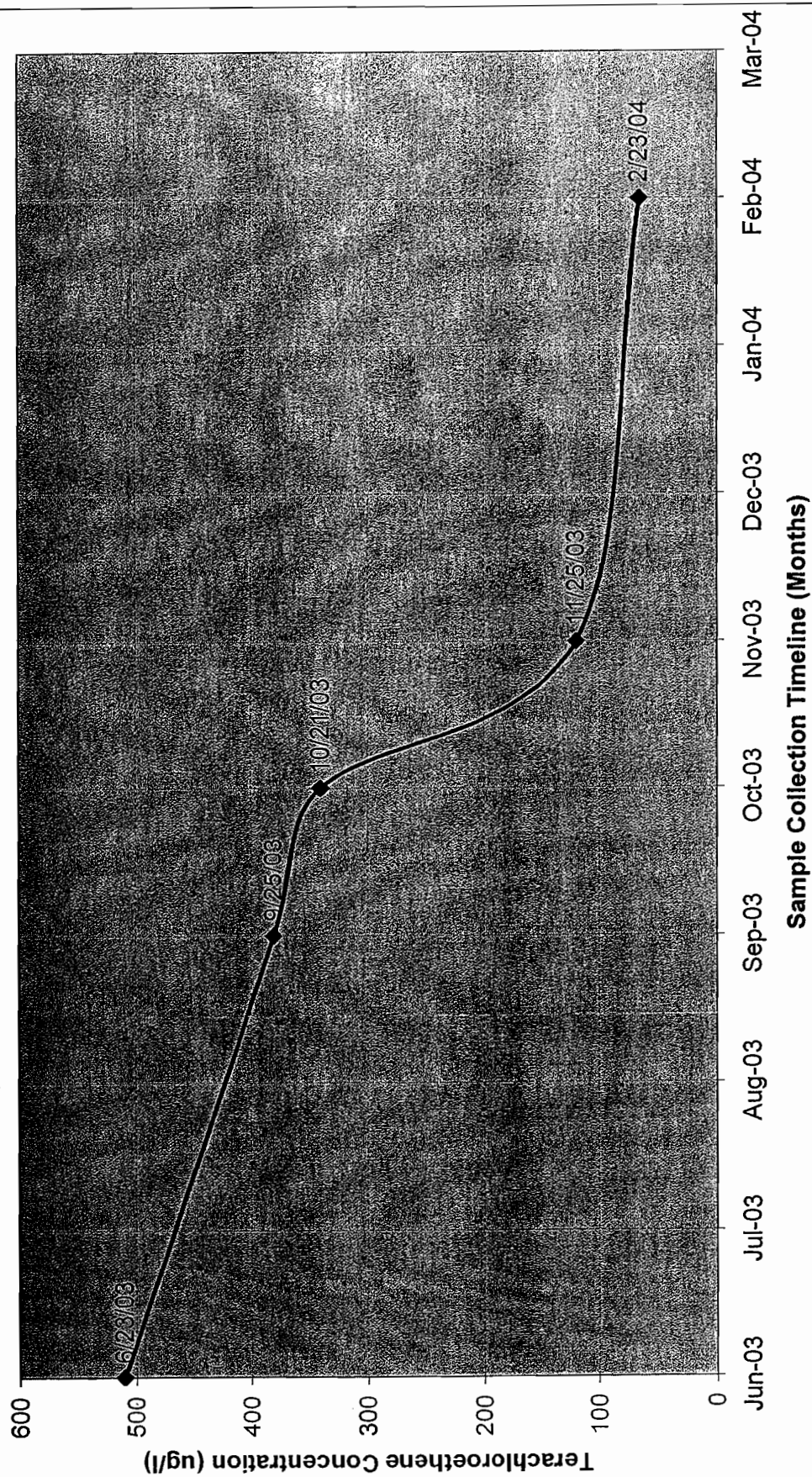
NOTES:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution
G:/FDevita/Projects/Franklin Cleaners/NYSDEC Contract No. D004284 - GW Treatment System/Quarterly Reports/Second Quarter/Quarter 2 Sampling Results.xls
Concentration exceeds NYSEDEC Class GA Groundwater
Standard or Guidance Value
GV: Guidance Value
ug/L = Micrograms per liter
--: Not established
- Second quarter results shaded

GRAPHS

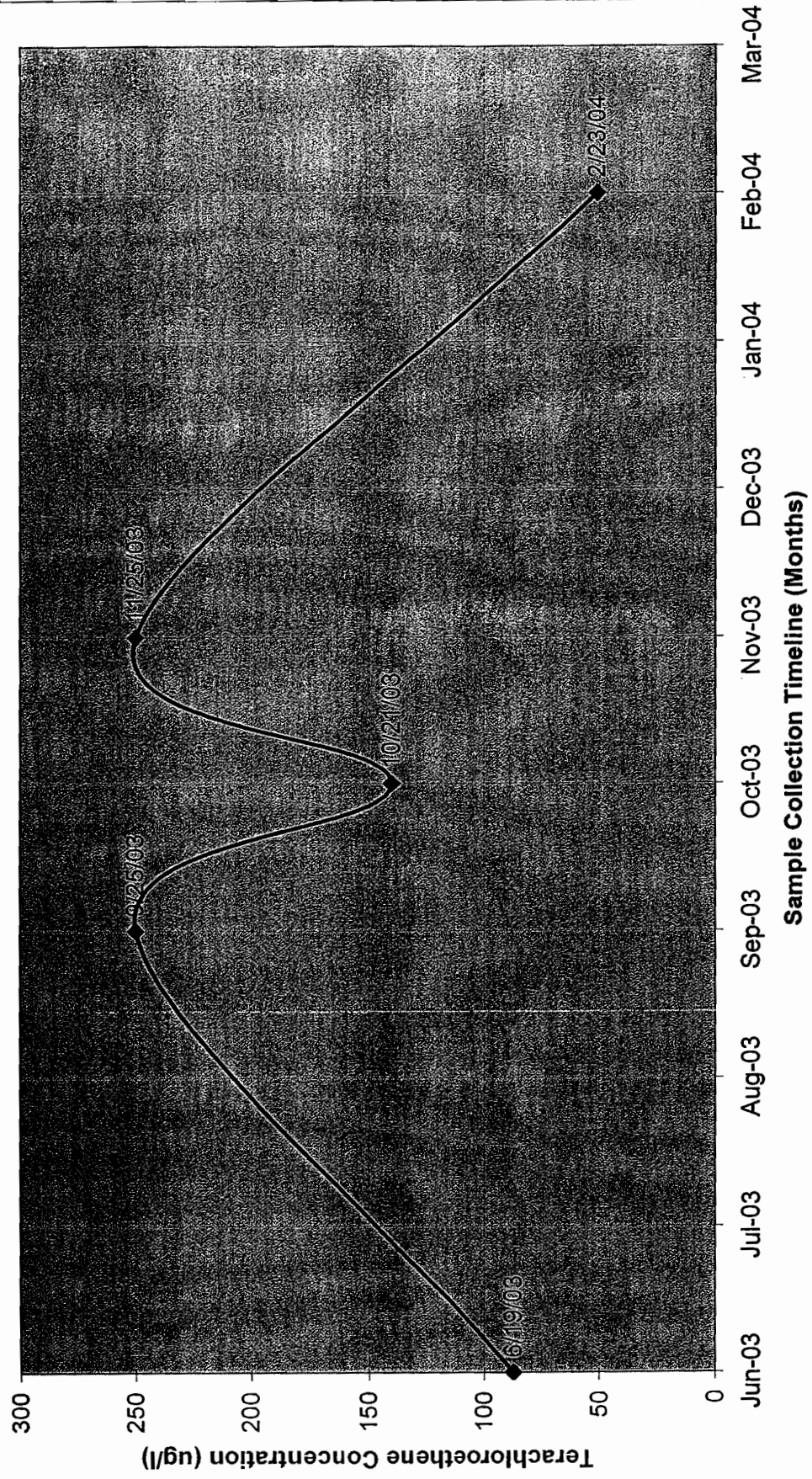
GRAPH 1

Franklin Cleaners Site
NYSDEC Contract No. D004264 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-1



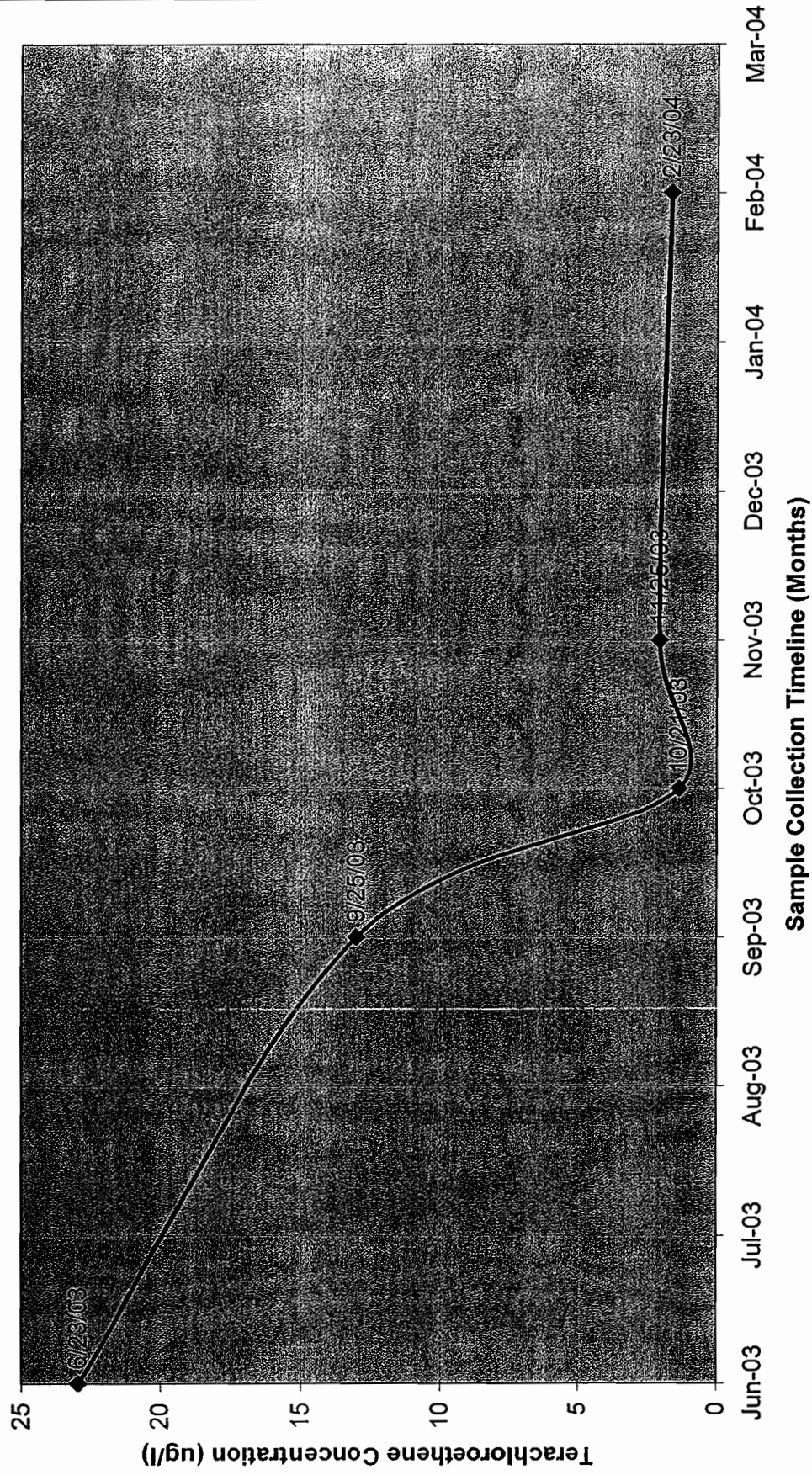
GRAPH 2

Franklin Cleaners Site
NYSDEC Contract No. D004264 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-2



GRAPH 3

Franklin Cleaners Site
NYSDEC Contract No. D004264 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-3



System Operations

Client: NYSDEC

Project: Franklin Cleaners Site

Shut-off Date/Time	Restart Date/Time	Type of Alarm	Actions Taken
9-11-03 / 0830	9-11-03 / 0900	None	Auto-dialer test
9-16-03 / 1100	9-16-03 / 1600	None	Plant shutdown for blower painting
9-19-03 / unknown	9-16-03 / 0930	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
9-23-03 / 1030	9-23-03 / 1530	None	connected air line hoses for EW-1 and EW-2
9-24-03 / unknown	9-24-03 / 0700	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
9-24-03 / 0900	9-24-03 / 1500	None	Roof waterproofing
9-30-03 / unknown	9-30-03 / 0730	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
9-30-03 / 1530	9-30-03 / 1630	None	Cleaning of flow totalizer
10-02-03 / 0830	10-02-03 / 1530	None	Installation of rain edge
10-24-03 / unknown	10-27-03 / 0700	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
10-30-03 / 0800	10-30-03 / 1100	Wet Well Leak Test	Performed test then restarted GWTP
11-04-03 / 1200	11-04-03 / 1400	Wet Well Leak Test	Performed test then restarted GWTP
11-07-03 / 0800	11-07-03 / 1200	Wet Well Leak Test	Performed test then restarted GWTP
11-17-03 / unknown	11-17-03 / 1630	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
11-17-03 / 1300	11-17-03 / 1630	EW-1 Shutdown	Purged PTMW-3 into EW-1, Restart EW-1
11-18-03 / 0800	11-18-03 / 1600	Floor painting and PTMW-3 development	Restart plant after work
12-09-03 / 1000	12-09-03 / 1300	PLC changeout and plant maintenance	Restart plant after work
12-14-03 / unknown	12-15-03 / 1500	EW-2 Fail	Auto-dialer did not make calls, reset EW-2
12-15-03 / 0700	12-15-03 / 1500	None	Performed test then restarted GWTP
12-30-03 / unknown	01-02-04 / 0945	"High" Wet Well Alarm	Auto-dialer did not make calls, reset EW-2
01-03-04 / unknown	01-06-04 / 0950	EW-2 Fail	Auto-dialer did not make calls, reset EW-2
01-06-04 / 1250	01-08-04 / 0930	EW-2 Fail	Auto-dialer did not make calls, reset EW-2
01-09-04 / 0800	01-09-04 / 1100	None	Auto-dialer Correction/Testing by JK Electric
01-19-04 / 0100	01-19-04 / 1400	"High" Wet Well Alarm	Flygt pump #2 overheat indicator, plant restarted
01-20-04 / 0300	01-20-04 / 1030	"High" Wet Well Alarm	Plant restarted, troubleshoot Flygt pump #2
01-21-04 / 0730	01-21-04 / 1010	"High" Wet Well Alarm	Slightly opened valve vault check valve, adjusted mercury switch, plant restarted
01-28-04 / 1430	01-30-04 / 1300	"High" Wet Well Alarm	Plant restarted
02-01-04 / 1100	02-01-04 / 1600	"High" Wet Well Alarm	Plant restarted Scheduled yearly maintenance service for Flygt pump,
02-01-04 / 2300	02-02-04 / 0900	"High" Wet Well Alarm	Plant restarted
02-02-04 / 1300	02-02-04 / 2200	"High" Wet Well Alarm	Plant restarted
02-03-04 / 1120	02-03-04 / 2130	"High" Wet Well Alarm	Plant restarted
02-03-04 / 2200	02-05-04 / 1500	None	Restart Flygt pump # 2
02-06-04 / 1000	02-06-04 / 1100	None	Pumping Services performed yearly maintenance service for Flygt pump # 2, plant restarted after service
02-07-04 / 0300	02-07-04 / 1500	"High" Wet Well Alarm	Flygt pump #2 overheat indicator, plant restarted
02-07-04 / 2100	02-08-04 / 1130	"High" Wet Well Alarm	Flygt pump #2 overheat indicator, coordinate with Pumping Services for Flygt pump # 2 service
02-09-04 / 1110	02-09-04 / 1150	None	Replace broken blower flow switch (Dwyer V8 Flotect)
02-11-04 / 0800	02-11-04 / 1000	None	Performed post-construction site walk
02-19-04 / 0800	02-19-04 / 1000	None	Pumping Services replaced Mini-CAZ base, Restart plant
02-24-04 / 1500	02-24-04 / 1630	None	Purge water from MW sampling introduced to air stripper



**Dvirka
and
Bartilucci**

CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York, 11797-2015
516-364-9890 • 718-460-3634 • Fax: 516-364-9045
e-mail: findingsolutions@db-eng.com

February 7, 2005

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Steven A. Fangmann, P.E.
Senior Vice President

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Kenneth P. Wenz, Jr., C.P.G.

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Joseph F. Baader

Steven M. Cabrera

Rudolph F. Cannavale

Christopher M. Clement

Stefanos J. Eapen, R.A.

Joseph A. Fioraliso, P.E.

Thomas P. Fox, P.G.

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Michael R. Hofgren

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Edward J. Reilly

Daniel Shabat, P.E.

Charles J. Wachsmuth, P.E.

Jeffrey E. Trad, P.E.

Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, 12th Floor

Albany, NY 12233-7013

Re: Franklin Cleaners Site (Site No. 1-30-050)
NYSDEC Contract No. D004264 – Off-site System
Quarterly Report No. 3 – March 9, 2004 through June 2, 2004
D&B No. 1851-05

4

Dear Mr. Trad:

The purpose of this letter is to summarize reports on the performance of the groundwater extraction and treatment system, located approximately 1 mile south/downgradient of the Franklin Cleaners Site (see Attachment A, Figure 1), for the period of March 9, 2004 through June 9, 2004. The information contained within this report is a compilation of the monthly monitoring reports submitted by URS Corporation (URS) as per the requirements of the referenced contract.

Groundwater Extraction and Treatment System Operation

According to URS reports, extraction wells EW-1 and EW-2 operated at average pumping rates of 34.8 gallons per minute (gpm) and 3.8 gpm, respectively during the period. A total of 5,442,450 gallons of treated groundwater were discharged to the Nassau County Department of Public Works (NCDPW) storm sewer system.

During the period, the groundwater extraction and treatment system was inoperative for approximately 30 hours due to routine maintenance activities and system alarm conditions. A detailed description of system alarm conditions is provided in Attachment B.

Jeffrey E. Trad, P.E.
Division of Environmental Remediation
New York State Department of Environmental Conservation
February 7, 2005

Page 2

Groundwater Extraction and Treatment System Sampling

Samples were collected by URS from each of the two extraction well influent line sample taps, as well as from the air stripper discharge sample tap at a frequency of twice per month during the period. Each sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method OLM04.2. The samples collected from the air stripper discharge sample tap were also analyzed for iron and manganese by USEPA Method 200.7 and field measured for pH.

Sample results are provided in Attachment C. The air stripper discharge results are compared to the effluent limitations defined in Table 01651-1 of the Contract Documents. As can be seen from the summary report for air stripper sampling provided in Attachment C, all of the air stripper discharge results for the period are below the effluent limitations with the exception of the pH measurement during the April 13, 2004 sampling event. The pH measured at the outlet of the air stripper on April 13, 2004 was 5.2, which is below the discharge limitation range of 6.5 to 8.5. Approximately 3.2 pounds of tetrachloroethene (PCE) were removed by the low profile air stripper during the period. The average PCE removal efficiency for this period was 99 percent. Refer to Attachment D for a summary of the extraction and treatment system performance results since startup.

Vapor phase samples were collected by URS from the influent and effluent sample taps of each of the two carbon adsorption units at a frequency of once per week during the period. Each sample was collected by filling a Tedlar bag directly from the sampling taps and analyzed using a handheld photoionization detector (PID). The results are shown in Attachment B. All PID readings were non-detect this period.

Groundwater Quality Data

The network of five groundwater monitoring wells was sampled by URS to evaluate the effectiveness and optimize the operation of the groundwater extraction and treatment system. Samples were collected from ASMW-1, ASMW-2, ASMW-3, ASMW-4 and ASMW-5 on May 24 and 25, 2004, and analyzed for VOCs by USEPA Method OLM04.2. The locations of these wells are shown on Figure 2 in Attachment A.

Analytical results for the monitoring well samples are provided in Attachment B and summarized on Figure 2 in Attachment A. The results are compared to NYSDEC Class GA Groundwater Standards and Guidance Values. The samples collected from wells ASMW-1 and ASMW-2 exhibited concentrations of PCE above the standard of 5 micrograms per liter (ug/l). There were no other VOCs detected at concentrations above standards or guidance values. PCE concentrations in groundwater monitoring wells ASMW-1, ASMW-2 and ASMW-3 have declined from the previous quarter. Refer to the trend line graphs provided in Attachment D, which summarize PCE concentrations detected in samples collected from ASMW-1, ASMW-2 and ASMW-3.

Jeffrey E. Trad, P.E.
Division of Environmental Remediation
New York State Department of Environmental Conservation
February 7, 2005

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Conclusions

- System influent sample results show that the extraction wells are capturing VOC-contaminated groundwater.
- System effluent sample results show that the air stripper is effectively removing the captured VOCs to concentrations below the discharge criteria.
- Concentrations of tetrachloroethane have declined from 87 ug/l and 51 ug/l (11/25/03) in groundwater monitoring wells ASMW-1 and ASMW-2 to 6.8 ug/l and 42 ug/l, respectively. VOCs were not detected above standards or guidance values in the samples collected from groundwater monitoring wells ASMW-3, ASMW-4 and ASMW-5 during this period.

Recommendations

- Operation of the groundwater extraction and treatment system should be continued.

Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

Very truly yours,



Frank DeVita
Project Manager

FD/ld,jmy

Attachments

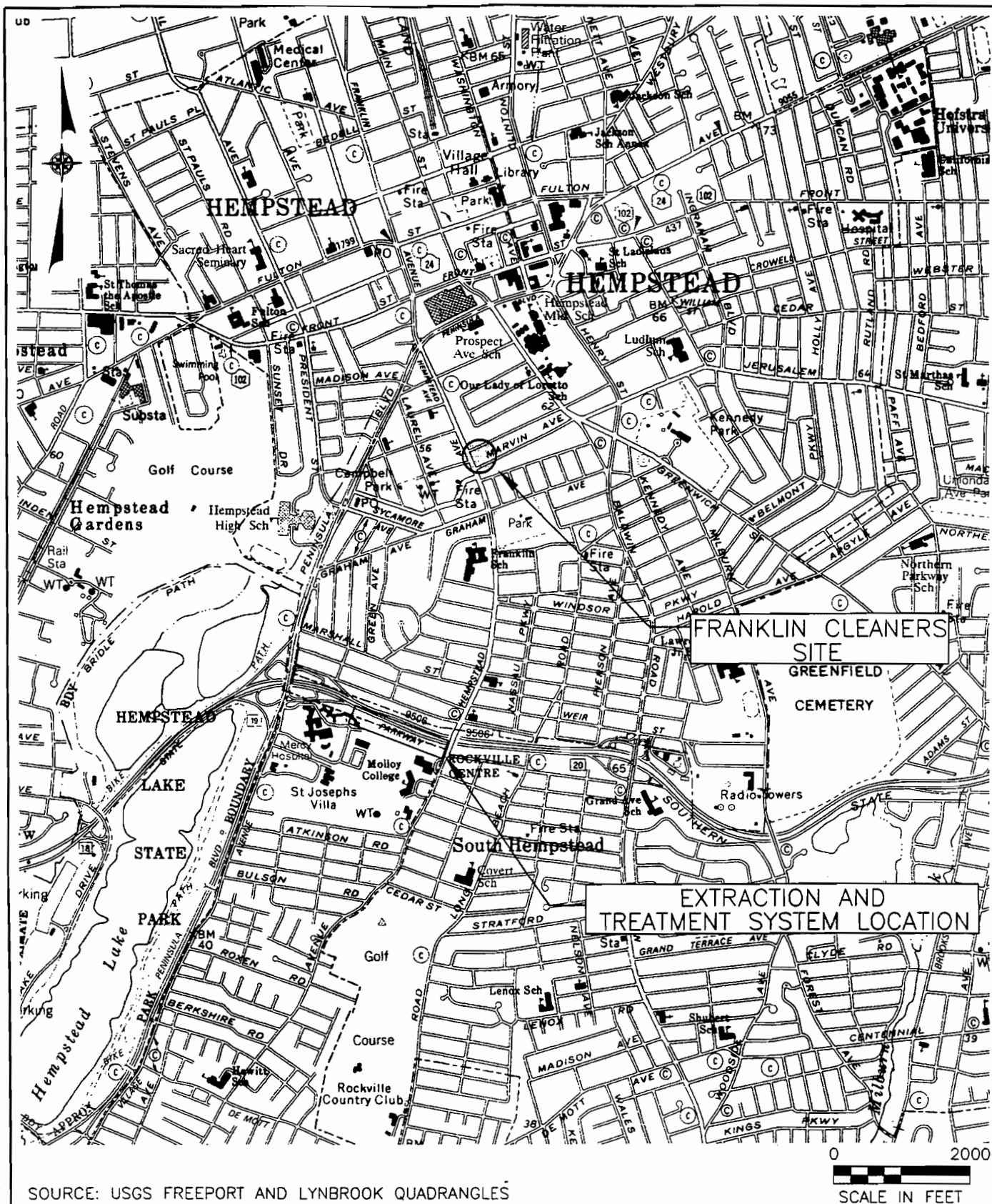
cc: D. Glass, D&B

J. Neri, H2M

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ATTACHMENT A

FIGURES



SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES

SCALE IN FEET

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

SITE LOCATION MAP

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A DIVISION OF WILLIAM F. DOSJULICH ASSOCIATES P.C.

FIGURE 1

ASMW-1									
DATE SAMPLED	06/19/03	09/25/03	10/21/03	11/25/03	02/23/04	05/25/04			
GW ELEVATION (d)	24.79	24.59	24.59	24.59	25.38	21.25			
COLLECTED BY	URS	URS	URS	URS	D&B	URS			
Constituent									
1,1-Dichloroethene	ND	2.5J	ND	1.3J	ND	1.4J			
Acetone	ND	ND	ND	ND	ND	ND			
Methylene Chloride	ND	ND	ND	ND	ND	ND			
Chloroform	1.2J	1.3J	ND	1.2J	1.8J	3.5J			
1,1,1-Trichloroethene	ND	ND	2.9J	1.7J	2.0J	1.7J			
Bromodichloromethane	ND	ND	ND	ND	ND	ND			
1,1,2-Trichloroethene	ND	ND	ND	ND	ND	ND			
Tetrachloroethene	510D	380D	340D	120	170	6.8J			
Xylene (total)	ND	ND	ND	ND	ND	ND			

TAX LOT 36-C-221
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ASMW-2									
DATE SAMPLED	06/19/03	09/25/03	10/21/03	11/25/03	02/23/04	05/25/04			
GW ELEVATION (d)	---	24.66	24.26	24.36	24.36	20.38			
COLLECTED BY	URS	URS	URS	URS	URS	URS			
Constituent									
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND			
Acetone	ND	ND	ND	ND	ND	ND			
Methylene Chloride	ND	ND	ND	ND	ND	ND			
Chloroform	ND	ND	ND	ND	ND	ND			
1,1,1-Trichloroethene	ND	ND	ND	ND	ND	ND			
Bromodichloromethane	ND	ND	ND	ND	ND	ND			
1,1,2-Trichloroethene	ND	ND	ND	ND	ND	ND			
Tetrachloroethene	87	79	250D	140	250D	51			
Xylene (total)	ND	ND	ND	ND	ND	ND			

ASMW-3									
DATE SAMPLED	06/23/03	08/25/03	10/21/03	11/25/03	02/23/04	05/25/04			
GW ELEVATION (d)	---	25.41	24.96	25.01	25.61	20.35			
COLLECTED BY	URS	URS	URS	URS	URS	URS			
Constituent									
Methyl tert-butyl ether	1.6J	ND	ND	ND	ND	ND			
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND			
Acetone	ND	ND	ND	ND	ND	ND			
Methylene Chloride	ND	ND	ND	ND	ND	ND			
Chloroform	ND	ND	ND	ND	ND	ND			
1,1,1-Trichloroethene	ND	ND	ND	ND	ND	ND			
Bromodichloromethane	ND	ND	ND	ND	ND	ND			
1,1,2-Trichloroethene	ND	ND	ND	ND	ND	ND			
Tetrachloroethene	23	13	1.4J	2.1J	1.7J	1.9J			
Xylene (total)	ND	ND	ND	ND	ND	ND			

WILLIAM A. CASEY CENTER 2-STORY BRICK BUILDING

ADAM AREA

TAX LOT 36-C-219

RYAN MEDICAL PHOTO BUILDING

SOUTHERN

ASMW-3 N/F STATE OF NEW YORK

EW-2

EW-3

ASMW-2

ASMW-1

CONTRACT LIMITS

APPROXIMATE LOCATION DMS LINE

CONTRACT LIMITS

CONTRACT LIMITS

CONTRACT LIMITS

CONTRACT LIMITS

CONTRACT LIMITS

CONTRACT LIMITS

CONTRACT LIMITS

ATTACHMENT B

ANALYTICAL RESULTS

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S1781

Sample ID	FC-INF-1-13-RE	FC-INF-2-13-RE	Groundwater Standards	FC-EFF-13-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S1781-01	S1781-02		S1781-03	S1781-05	
Sampling Location	EW-1	EW-2		Plant Effluent	—	
Sampling Date	03/16/2004	03/16/2004		03/16/2004	03/16/2004	
Dilution Factor	1.0	10.0		1.0	1.0	
Volatiles by OLM04.2 (µg/L)						
1,1-Dichloroethene	<10	1.1J	5	<10	<10	10
Acetone	<50	<50	50	<50	22J	NP
Chloroform	<10	1.2J	7	<10	<10	NP
2-Butanone	<50	<50	50	220J	<50	NP
1,1,1-Trichloroethane	<10	1.1J	5	<10	<10	10
1,1,2-Trichloroethane	<10	3.3J	NP	<10	<10	NP
Tetrachloroethene	49	420D	5	<0.5	<10	5
TOTAL VO's:	49	426.7		220	22	
pH (S.U.)	NA	NA	NA	6.4	NA	6.5 to 8.5
Metals by 200.7 (mg/L)						
Iron	<0.002	0.014J	NP	0.0388J	NA	1
Manganese	0.048	0.018	NP	0.043	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<...-Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Dilution factor used only for analyte with D flag; all other values reported with a dilution factor of 1.0

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S1974

Sample ID	FC-INF-1-14-RE	FC-INF-2-14-RE	Groundwater Standards	FC-EFF-14-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S1974-01	S1974-02		S1974-03	S1974-04	
Sampling Location	EW-1	EW-2		Plant Effluent		
Sampling Date	03/30/2004	03/30/2004		03/30/2004		
Dilution Factor	1.0	10.0		1.0	1.0	
Volatiles by OLM04.2 (µg/L)						
1,1-Dichloroethene	<10	1.2J	5	<10	<10	10
Carbon Disulfide	1.7J	<10	50	<10	<10	NP
Chloroform	<10	1.2J	7	<10	<10	NP
1,1,1-Trichloroethane	<10	1.1J	5	<10	<10	10
Tetrachloroethene	63	3300	5	<0.5	<10	5
TOTAL VO's	64.7	333.5		ND	ND	
pH (S.U.)	NA	NA	NA	6.8	NA	8.5 to 8.5
Metals by 200.7 (mg/L)						
Iron	<0.001	0.003J	NP	0.064J	NA	1
Manganese	0.042	0.017	NP	0.024	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<...-Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Dilution factor used only for analyte with D flag; all other values reported with a dilution factor of 1.0

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S2175

Sample ID	FC-INF-1-16-RE	FC-INF-2-16-RE	Groundwater Standards	FC-EFF-16-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S2175-01	S2175-02		S2175-03	S2175-04	
Sampling Location	EW-1	EW-2		Plant Effluent	—	
Sampling Date	04/14/2004	04/14/2004		04/14/2004	04/14/2004	
Dilution Factor	1.0	5.0		1.0	1.0	
Volatiles by OLM04.2 (µg/L)						
1,1-Dichloroethane	<10	1.0J	5	<10	<10	10
Chloroform	<10	1.3J	7	<10	<10	NP
Tetrachloroethane	55	310D	5	<0.5	<10	5
TOTAL VO's:	65	312.3		ND	ND	
pH (S.U.)	NA	NA	NA	5.2	NA	8.5 to 8.5
Metals by 200.7 (mg/L)						
Iron	<0.001	<0.001	NP	<0.001	NA	1
Manganese	0.048	0.014	NP	0.038	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<...-Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Dilution factor used only for analyte with D flag; all other values reported with a dilution factor of 1.0

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S2375

Sample ID	FC-INF-1-13-RE	FC-INF-2-13-RE	Groundwater Standards	FC-EFF-13-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S2375-01	S2375-02		S2375-03	S2375-04	
Sampling Location	EW-1	EW-2		Plant Effluent		
Sampling Date	04/28/2004	04/28/2004		04/28/2004		
Dilution Factor	1.0	10.0		1.0	1.0	
Volatiles by OLM04.2 (µg/L)						
1,1-Dichloroethene	<10	1.3J	5	<10	<10	10
Acetone	<50U	<50U	50	<50U	7.2J	NP
2-Butanone	<50	<50	50	4.7J	<50	NP
Chloroform	<10	1.2J	7	<10	<10	NP
Tetrachloroethene	54	370D	5	<0.5	<10	5
TOTAL VO's:	54	372.5		4.7	7.2	
pH (S.U.)						
	NA	NA	NA	5.1	NA	6.5 to 8.5
Metals by 200.7 (mg/L)						
Iron	0.064J	0.026J	NP	0.068J	NA	1
Manganese	0.053	0.019	NP	0.012J	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<...-Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Dilution factor used only for analyte with D flag; all other values reported with a dilution factor of 1.0

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S2545

Sample ID	FC-INF-1-17-RE	FC-INF-2-17-RE	Groundwater Standards	FC-EFF-17-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S2545-01	S2545-02		S2545-03	S2545-04	
Sampling Location	EW-1	EW-2		Plant Effluent	---	
Sampling Date	05/12/2004	05/12/2004		05/12/2004	05/12/2004	
Dilution Factor	1.0	5.0		1.0	1.0	
Volatiles by OLM04.2 (µg/L)						
Tetrachloroethene	41	150D	5	<0.5	<10	5
TOTAL VO's:	41	150		ND	ND	
pH (S.U.)	5.28	5.37	NA	6.86	NA	6.5 to 8.5
Metals by 200.7 (mg/L)						
Iron	0.044J	0.024J	NP	0.002J	NA	1
Manganese	0.054	0.020	NP	0.053	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<...-Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Dilution factor used only for analyte with D flag; all other values reported with a dilution factor of 1.0

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S2736

Sample ID	FC-EW-1-18-RE*	FC-EW-2-18-RE*	Groundwater Standards	FC-EFF-18-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S2736-01	S2736-02		S2736-03	S2736-04	
Sampling Location	EW-1	EW-2		Plant Effluent	---	
Sampling Date	05/25/2004	05/25/2004		05/25/2004	05/25/2004	
Dilution Factor	1.0	1.0		1.0	1.0	
Volatiles by OLM04.2 (µg/L)						
1,1-Dichloroethene	<10	1.1J	5	<10	<10	10
Chloroform	<10	1.2J	7	<10	<10	NP
Tetrachloroethene	27	180	5	<0.5	<10	5
TOTAL VO's:	27	182.3		ND	ND	
pH (S.U.)	5.30	5.42	NA	6.70	NA	6.5 to 8.5
Metals by 200.7 (mg/L)						
Iron	0.111J	0.030J	NP	1.020J	NA	1
Manganese	0.056	0.019	NP	0.049	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<...-Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Influent streams were mislabeled as EW-1 and EW-2 instead of INF-1 and INF-2.

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR MONITORING WELL SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S2738

Sample ID	FC-ASMW-1-05-FR	FC-ASMW-2-05-XX	FC-ASMW-3-05-RE	FC-ASMW-4-05-RE	FC-ASMW-5-05-RE	FC-BL-05-TB	Groundwater
Lab Sample ID	S2738-01	S2738-02	S2738-03	S2738-04	S2738-05	S2738-06	S2738-07
Sampling Date	05/25/2004	05/25/2004	05/25/2004	05/25/2004	05/25/2004	05/24/2004	05/25/2004
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Volatiles by QLM04.2 (µg/L)							
1,1-Dichloroethene	1.4J	1.1J	<10	<10	<10	<10	<10
Acetone	<50	<50	<50	<50	<50	<50	<50
Chloroform	3.5J	3.2J	<10	<10	<10	<10	<10
1,1,1-Trichloroethane	1.7J	1.7J	<10	<10	<10	<10	<10
Tetrachloroethene	6.8	6.9	42	1.8J	<10	<10	<10
TOTAL VO's:	13.4	12.9	42.0	1.9	14.0	ND	ND
Field Parameters							
pH (S.U.)	5.40	5.40	5.55	NA	5.70	5.00	NA
Conductivity (mS/cm)	0.30	0.30	0.35	NA	0.40	0.33	NA
Temperature (deg. C)	19.22	19.22	16.04	NA	14.80	16.70	NA
Turbidity (NTU)	13	13	21	NA	51	22	NA
Dissolved Oxygen (mg/l)	3.3	3.3	7.9	NA	4.3	4.9	NA

NOTES:

Only values detected above the laboratory detection limit are listed

<...-Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

FC-ASMW-5-04-XX is the Field Blank for this sampling event.

FC-ASMW-4-04-FR is the Field Replicate of sample ASMW-3.

Vapor Carbon Vessel Monitoring

Client: NYSDEC

Project: Franklin Cleaners Site

Total VOC Concentrations

Date	VCV-01		VCV-02	
	Influent	Effluent	Influent	Effluent
22-Jul-03*	0.222	ND	0.257	ND
9-Sep-03	0.0	0.0	0.0	0.0
16-Sep-03	0.0	0.0	0.0	0.0
23-Sep-03	0.0	0.0	0.0	0.0
30-Sep-03	0.0	0.0	0.0	0.0
7-Oct-03	0.0	0.0	0.0	0.0
14-Oct-03	0.0	0.0	0.0	0.0
21-Oct-03	0.0	0.0	0.0	0.0
28-Oct-03	0.0	0.0	0.0	0.0
4-Nov-03	0.0	0.0	0.0	0.0
11-Nov-03	0.0	0.0	0.0	0.0
18-Nov-03	0.0	0.0	0.0	0.0
25-Nov-03	0.0	0.0	0.0	0.0
2-Dec-03	0.0	0.0	0.0	0.0
9-Dec-03	0.0	0.0	0.0	0.0
16-Dec-03	0.0	0.0	0.0	0.0
23-Dec-03	0.0	0.0	0.0	0.0
30-Dec-03	0.0	0.0	0.0	0.0
6-Jan-04	0.0	0.0	0.0	0.0
13-Jan-04	0.0	0.0	0.0	0.0
20-Jan-04	0.0	0.0	0.0	0.0
27-Jan-04	0.0	0.0	0.0	0.0
3-Feb-04	0.0	0.0	0.0	0.0
10-Feb-04	0.0	0.0	0.0	0.0
17-Feb-04	0.0	0.0	0.0	0.0
24-Feb-04	---	---	---	---
2-Mar-04	---	---	---	---
9-Mar-04	0.0	0.0	0.0	0.0
16-Mar-04	0.0	0.0	0.0	0.0
23-Mar-04	0.2	0.0	0.0	0.0
30-Mar-04	0.2	0.1	0.0	0.0
6-Apr-04	0.0	0.0	0.0	0.0
14-Apr-04	0.0	0.0	0.0	0.0
20-Apr-04	0.0	0.0	0.0	0.0
28-Apr-04	0.0	0.0	0.0	0.0
5-May-04	0.0	0.0	0.0	0.0
12-May-04	0.0	0.0	0.0	0.0
19-May-04	0.0	0.0	0.0	0.0
25-May-04	0.0	0.0	0.0	0.0
2-Jun-04	0.0	0.0	0.0	0.0

Note:

All concentrations are in parts per million (ppm).

* : Tedlar bags analyzed by laboratory

— : Rental PID readings were not consistent with historical data.

Pine Environmental acknowledged that PID sensors may have been dirty.
Newly calibrated PID was used to obtain readings on March 9, 2004
and these readings are consistent with readings since February 17, 2004.

ATTACHMENT C

**EXTRACTION AND TREATMENT SYSTEM
PERFORMANCE RESULTS**

FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004264 / SITE No. 1-30-050

[illegible]

ABBREVIATIONS:

NOTES:
1. Data as reported by URS Corporation.

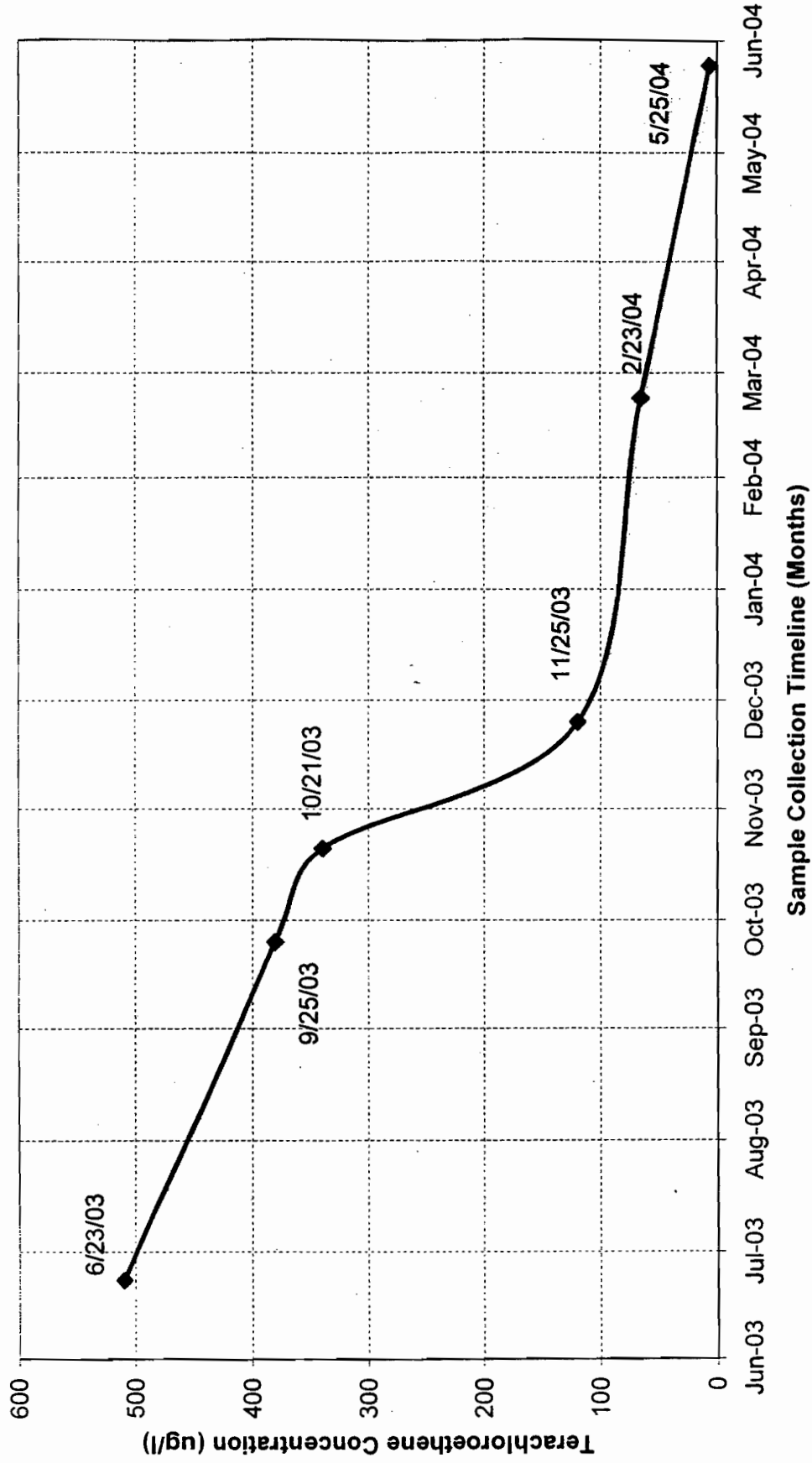
2. PCE removal calculations as of September 9, 2004 system start-up date.
3. Second quarter performance results are shaded.

ATTACHMENT D

GRAPHS

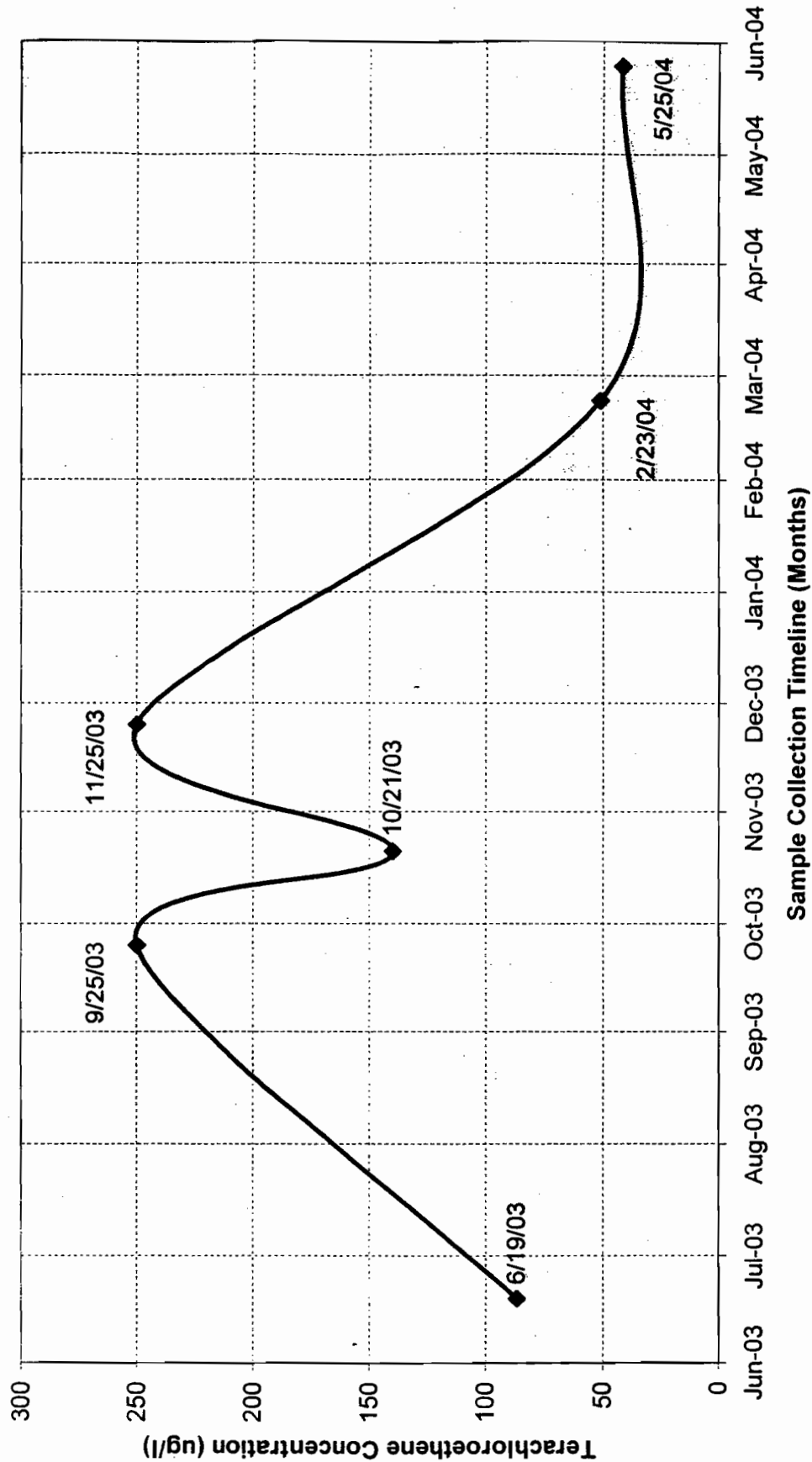
GRAPH 1

Franklin Cleaners Site
NYSDEC Contract No. D004264 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-1



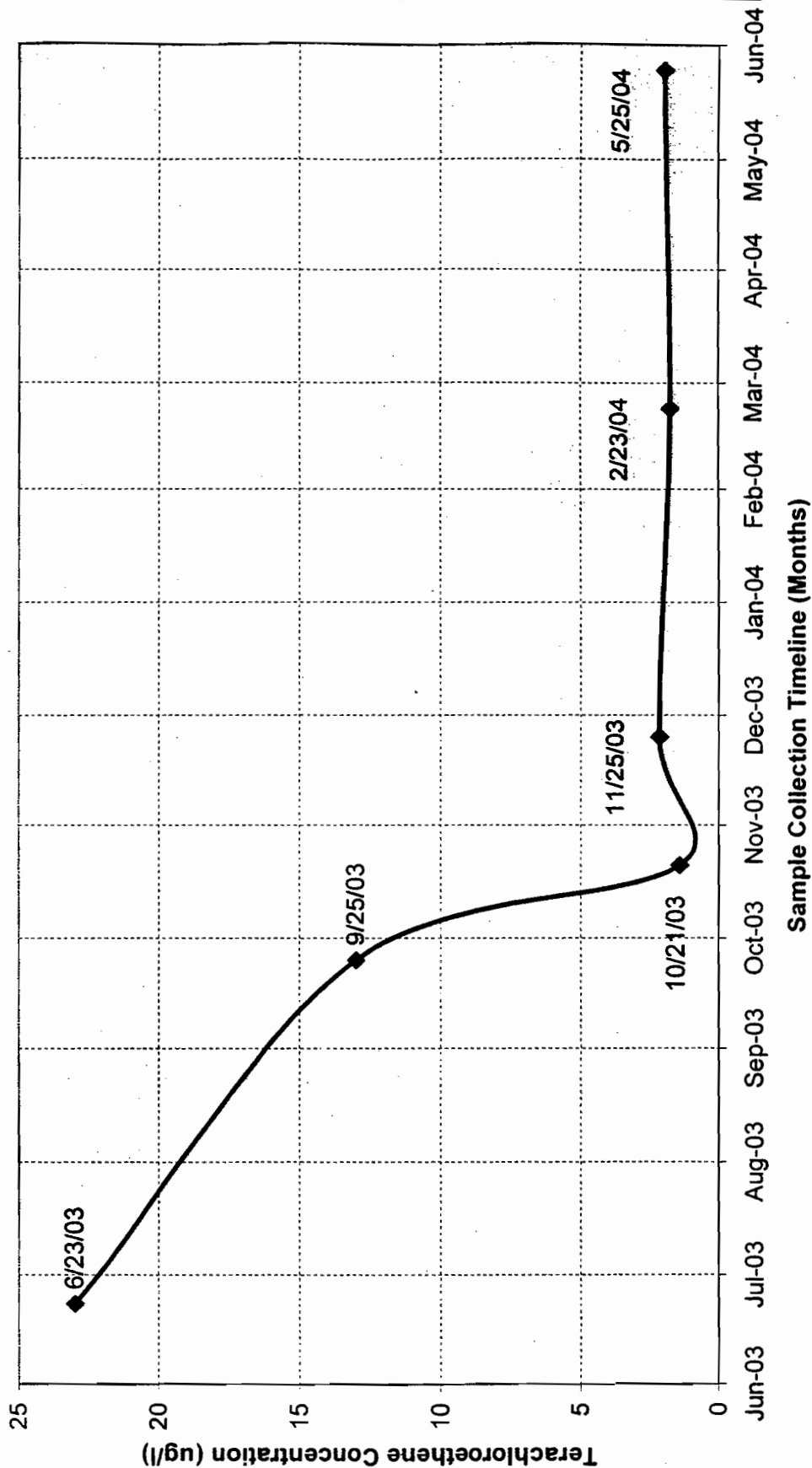
GRAPH 2

Franklin Cleaners Site
NYSDEC Contract No. D004264 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-2



GRAPH 3

Franklin Cleaners Site
NYSDEC Contract No. D004264 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-3



ATTACHMENT E

SUMMARY OF SYSTEM OPERATIONS

System Operations

Client: NYSDEC
Project: Franklin Cleaners Site

Shut-off Date/Time	Restart Date/Time	Type of Alarm	Actions Taken
9-11-03 / 0830	9-11-03 / 0900	None	Auto-dialer test
9-16-03 / 1100	9-16-03 / 1600	None	Plant shutdown for blower painting
9-19-03 / unknown	9-16-03 / 0930	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
9-23-03 / 1030	9-23-03 / 1530	None	connected air line hoses for EW-1 and EW-2
9-24-03 / unknown	9-24-03 / 0700	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
9-24-03 / 0900	9-24-03 / 1500	None	Roof waterproofing
9-30-03 / unknown	9-30-03 / 0730	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
9-30-03 / 1530	9-30-03 / 1630	None	Cleaning of flow totalizer
10-02-03 / 0830	10-02-03 / 1530	None	Installation of rain edge
10-24-03 / unknown	10-27-03 / 0700	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
10-30-03 / 0800	10-30-03 / 1100	Wet Well Leak Test	Performed test then restarted GWTP
11-04-03 / 1200	11-04-03 / 1400	Wet Well Leak Test	Performed test then restarted GWTP
11-07-03 / 0800	11-07-03 / 1200	Wet Well Leak Test	Performed test then restarted GWTP
11-17-03 / unknown	11-17-03 / 1630	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
11-17-03 / 1300	11-17-03 / 1630	EW-1 Shutdown	Purged PTMW-3 into EW-1, Restart EW-1
11-18-03 / 0800	11-18-03 / 1600	Floor painting and PTMW-3 development	Restart plant after work
12-09-03 / 1000	12-09-03 / 1300	PLC changeout and plant maintenance	Restart plant after work
12-14-03 / unknown	12-15-03 / 1500	EW-2 Fail	Auto-dialer did not make calls, reset EW-2
12-15-03 / 0700	12-15-03 / 1500	None	Performed test then restarted GWTP
12-30-03 / unknown	01-02-04 / 0945	"High" Wet Well Alarm	Auto-dialer did not make calls, reset EW-2
01-03-04 / unknown	01-06-04 / 0950	EW-2 Fail	Auto-dialer did not make calls, reset EW-2
01-06-04 / 1250	01-08-04 / 0930	EW-2 Fail	Auto-dialer did not make calls, reset EW-2
01-09-04 / 0800	01-09-04 / 1100	None	Auto-dialer Correction/Testing by JK Electric
01-19-04 / 0100	01-19-04 / 1400	"High" Wet Well Alarm	Flygt pump #2 overheat indicator, plant restarted
01-20-04 / 0300	01-20-04 / 1030	"High" Wet Well Alarm	Plant restarted, troubleshoot Flygt pump #2
01-21-04 / 0730	01-21-04 / 1010	"High" Wet Well Alarm	Slightly opened valve vault check valve, adjusted mercury switch, plant restarted
01-28-04 / 1430	01-30-04 / 1300	"High" Wet Well Alarm	Plant restarted
02-01-04 / 1100	02-01-04 / 1600	"High" Wet Well Alarm	Plant restarted
02-01-04 / 2300	02-02-04 / 0900	"High" Wet Well Alarm	Scheduled yearly maintenance service for Flygt pump.
02-02-04 / 1300	02-02-04 / 2200	"High" Wet Well Alarm	Plant restarted
02-03-04 / 1120	02-03-04 / 2130	"High" Wet Well Alarm	Plant restarted
02-03-04 / 2200	02-05-04 / 1500	None	Restart Flygt pump # 2
02-06-04 / 1000	02-06-04 / 1100	None	Pumping Services performed yearly maintenance service for Flygt pump # 2, plant restarted after service
02-07-04 / 0300	02-07-04 / 1500	"High" Wet Well Alarm	Flygt pump #2 overheat indicator, plant restarted
02-07-04 / 2100	02-08-04 / 1130	"High" Wet Well Alarm	Flygt pump #2 overheat indicator, coordinate with Pumping Services for Flygt pump # 2 service
02-09-04 / 1110	02-09-04 / 1150	None	Replace broken blower flow switch (Dwyer V8 Flotect)
02-11-04 / 0800	02-11-04 / 1000	None	Performed post-construction site walk
02-19-04 / 0800	02-19-04 / 1000	None	Pumping Services replaced Mini-CAZ base, Restart plant
02-24-04 / 1500	02-24-04 / 1630	None	Purge water from MW sampling introduced to air stripper
03-23-04 / 1700	03-23-04 / 1705	None	PLC Change-out
04-03-04 / 0700	04-03-04 / 1100	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
04-05-04 / 1035	04-05-04 / 1135	None	Manual plant shutdown for site survey; Plant restarted after work
04-26-04 / 0800	04-26-04 / 1100	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
04-28-04 / 1600	04-28-04 / 1700	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
05-24-04 / 2000	05-25-04 / 0800	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
05-26-04 / 1200	05-26-04 / 1700	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
05-31-04 / 1200	05-31-04 / 1400	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant



Dvirka and Bartilucci

CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York, 11797-2015
516-364-9890 • 718-460-3634 • Fax: 516-364-9045
e-mail: findingsolutions@db-eng.com

February 7, 2005

Principals

Nicholas J. Bartilucci, P.E.
President

Henry J. Chlupsa, P.E.
Executive Vice President

Steven A. Fangmann, P.E.
Senior Vice President

Richard M. Walka
Senior Vice President

John A. Mirando, P.E.
Vice President

Anthony O. Conetta, P.E.
Vice President

Dennis F. Koehler, P.E.
Vice President

Joseph H. Marturano
Vice President

Kenneth J. Pritchard, P.E.
Vice President

Theodore S. Pytlar, Jr.
Vice President

Brian M. Veith, P.E.
Vice President

Senior Associates

Garrett M. Byrnes, P.E.

David S. Glass, P.E.

Gerald Gould, C.P.G.

William D. Merklin, P.E.

Michael Neuberger, P.E.

Kenneth P. Wenz, Jr., C.P.G.

Associates

Joseph F. Baader

Steven M. Cabrera

Rudolph F. Cannavale

Christopher M. Clement

Stefanos J. Eapen, R.A.

Joseph A. Fioraliso, P.E.

Thomas P. Fox, P.G.

Christopher W. Francis

Robert L. Haynie, P.E.

Michael R. Hofgren

Andrew T. Lehman

Edward J. Reilly

Daniel Shabat, P.E.

Charles J. Wachsmuth, P.E.

Jeffrey E. Trad, P.E.

Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, 12th Floor

Albany, NY 12233-7013

Re: Franklin Cleaners Site (Site No. 1-30-050)
NYSDEC Contract No. D004264 – Off-site System
Quarterly Report No. 4 – June 3, 2004 through September 8, 2004
D&B No. 1851-05

Dear Mr. Trad:

The purpose of this letter is to summarize reports on the performance of the groundwater extraction and treatment system, located approximately 1 mile south/downgradient of the Franklin Cleaners Site (see Attachment A, Figure 1), for the period of June 3, 2004 through September 8, 2004. The information contained within this report is a compilation of the monthly monitoring reports submitted by URS Corporation (URS) as per the requirements of the referenced contract.

Groundwater Extraction and Treatment System Operation

According to URS reports, extraction wells EW-1 and EW-2 operated at average pumping rates of 36.1 gallons per minute (gpm) and 3.4 gpm, respectively during the period. A total of 6,446,437 gallons of treated groundwater were discharged to the Nassau County Department of Public Works (NCDPW) storm sewer system.

During the period, the groundwater extraction and treatment system was inoperative for approximately 63 hours due to routine maintenance activities and system alarm conditions. A detailed description of system alarm conditions is provided in Attachment B.

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Groundwater Extraction and Treatment System Sampling

Samples were collected by URS from each of the two extraction well influent line sample taps, as well as from the air stripper discharge sample tap at a frequency of twice per month during the period. Each sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method OLM04.2. The samples collected from the air stripper discharge sample tap were also analyzed for iron and manganese by USEPA Method 200.7 and field measured for pH.

Sample results are provided in Attachment C. The air stripper discharge results are compared to the effluent limitations defined in Table 01651-1 of the Contract Documents. As can be seen from the summary report in Attachment C, all of the air stripper discharge results for the period are below the effluent limitations with the exception of the pH measurement during the June 9, 2004 sampling event. The pH measured at the outlet of the air stripper on June 9, 2004 was 6.35, which is below the discharge limitation range of 6.5 to 8.5. Approximately 2.1 pounds of tetrachloroethene (PCE) were removed by the low profile air stripper during the period. The average PCE removal efficiency for this period was 99 percent. Refer to Attachment D for a summary of the extraction and treatment system performance results since startup.

Vapor phase samples were collected by URS from the influent and effluent sample taps of each of the two carbon adsorption units at a frequency of once per week during the period. Each sample was collected by filling a Tedlar bag directly from the sampling taps and analyzed using a handheld photoionization detector (PID). The results are shown in Attachment B. All PID readings were non-detect this period.

Groundwater Quality Data

The network of five groundwater monitoring wells was sampled by URS to evaluate the effectiveness and optimize the operation of the groundwater extraction and treatment system. Samples were collected from ASMW-1, ASMW-2, ASMW-3, ASMW-4 and ASMW-5 on May 24 and 25, 2004, and analyzed for VOCs by USEPA Method OLM04.2. The locations of these wells are shown on Figure 2 in Attachment A.

Analytical results for the monitoring well samples are provided in Attachment B and summarized on Figure 2 in Attachment A. The results are compared to NYSDEC Class GA Groundwater Standards and Guidance Values. The samples collected from wells ASMW-1 and ASMW-2 exhibited concentrations of PCE above the standard of 5 micrograms per liter (ug/l). There were no other VOCs detected at concentrations above standards or guidance values. The concentrations of PCE detected in samples collected from groundwater monitoring wells

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ASMW-1 and ASMW-2 are slightly higher than from the previous quarter. Refer to the trend line graphs provided in Attachment D, which summarize PCE concentrations detected in samples collected from ASMW-1, ASMW-2 and ASMW-3.

Conclusions

- System influent sample results show that the extraction wells are capturing VOC-contaminated groundwater.
- System effluent sample results show that the air stripper is effectively removing the captured VOCs to concentrations below the discharge criteria.
- Concentrations of tetrachloroethene detected in groundwater monitoring wells ASMW-1 and ASMW-2 have increased slightly from 6.8 ug/l and 42 ug/l (5/25/04) to 22 ug/l and 46 ug/l, respectively. VOCs were not detected above standards or guidance values in the samples collected from groundwater monitoring wells ASMW-3, ASMW-4 and ASMW-5 during this period.

Recommendations

- Operation of the groundwater extraction and treatment system should be continued.
- In consideration of the slight increase in concentrations of tetrachloroethene in groundwater monitoring wells ASMW-1 and ASMW-2, these wells should be closely monitored for continued increases.

Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

Very truly yours,

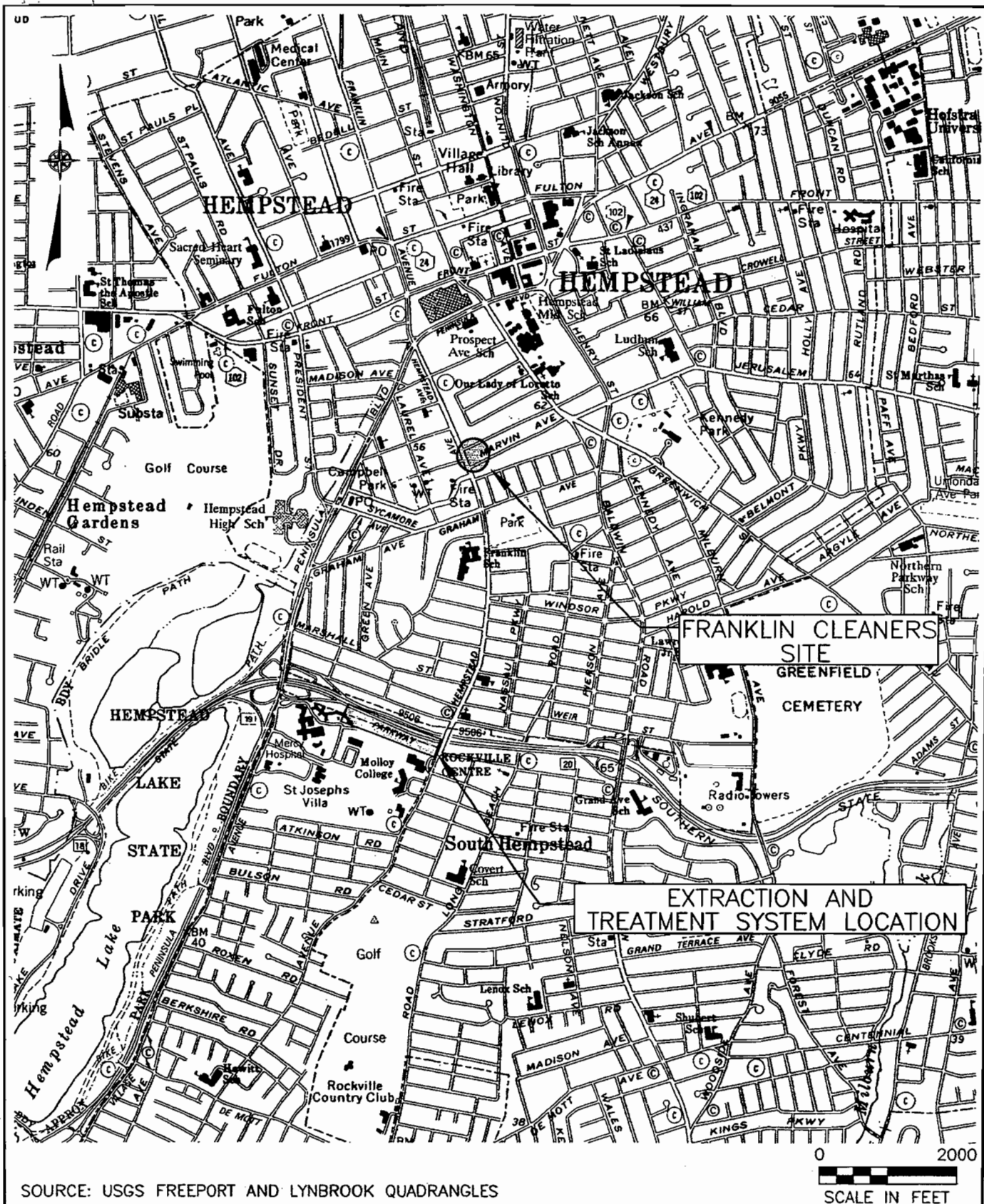


Frank DeVita
Project Manager

FD/lj,jmy
Attachments
cc: **D. Glass, D&B**
J. Neri, H2M
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ATTACHMENT A

FIGURES



FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

SITE LOCATION MAP

db Dvirka
and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

FIGURE 1

DATE SAMPLED	06/19/03	08/25/03	10/21/03	11/25/03	02/23/04	05/25/04	08/10/04
GW ELEVATION (d)	24.79	24.59	24.59	24.59	25.36	21.25	24.74
COLLECTED BY	URS	URS	URS	URS	D&B	URS	URS
Constituent							
1,1-Dichloroethene	ND	2.5J	ND	ND	1.7J	2J	1.4J
Acetone	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	1.2J	1.3J	1.2J	1.8J	2J	3.5J	5.0J
1,1,1-Trichloroethene	ND	2.8J	1.7J	2.0J	ND	1.7J	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethene	510D	380D	120	170	86	87	22
Tetrachloroethene	ND	ND	ND	ND	ND	8.8J	ND
Xylene (total)	ND	ND	ND	ND	ND	ND	ND

DATE SAMPLED	06/19/03	08/25/03	10/21/03	11/25/03	02/23/04	05/25/04	08/10/04
GW ELEVATION (d)	24.86	24.86	24.26	24.36	24.36	20.36	24.86
COLLECTED BY	URS	D&B	URS	URS	URS	URS	URS
Constituent							
1,1-Dichloroethene	ND	1.8J	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethene	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	87	78	250D	140	51	42	46
Xylene (total)	ND	ND	ND	ND	ND	ND	ND

DATE SAMPLED	06/23/03	08/25/03	10/21/03	11/25/03	02/23/04	05/25/04	08/10/04
GW ELEVATION (d)	24.86	24.86	24.26	24.36	24.36	20.36	24.86
COLLECTED BY	URS	URS	URS	URS	URS	URS	URS
Constituent							
Methyl tert-butyl ether	1.8J	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethene	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	23	13	1.4J	2.1J	1.7J	1.9J	ND
Xylene (total)	ND	ND	ND	ND	ND	ND	ND

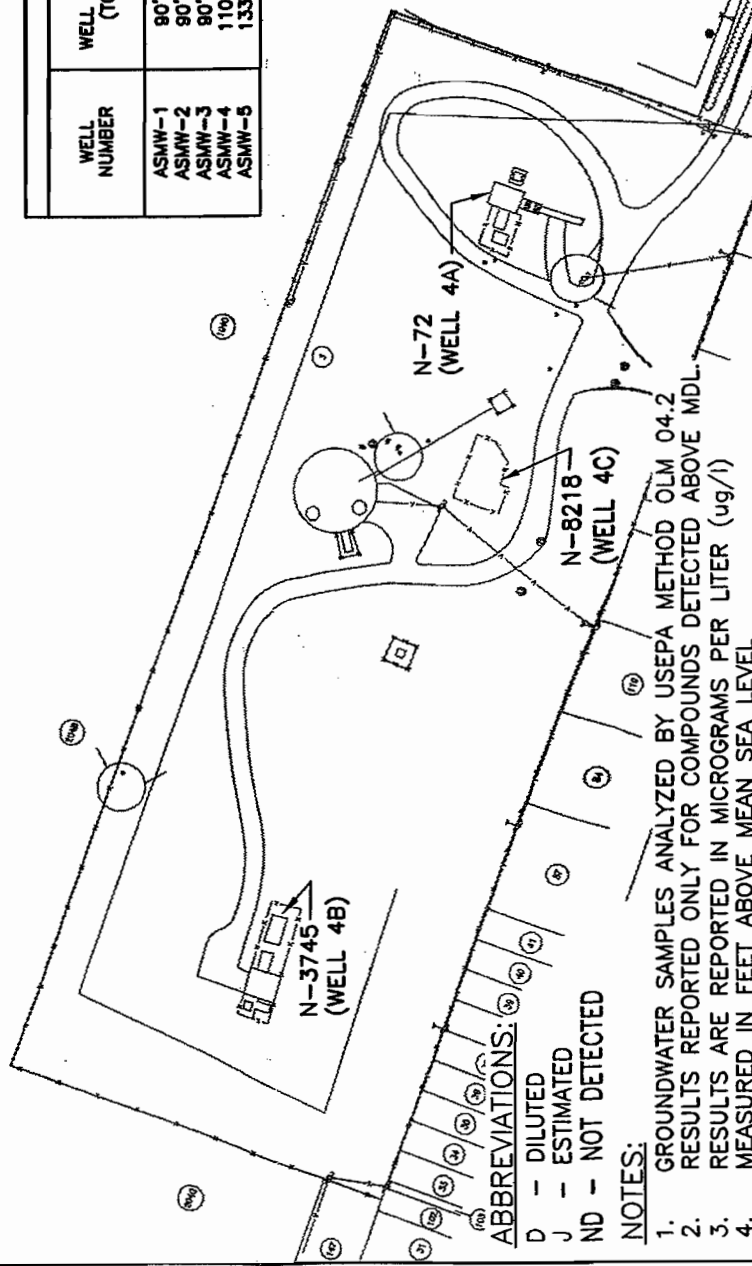
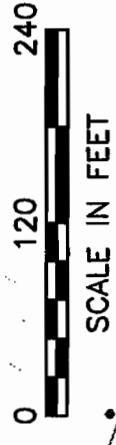
DATE SAMPLED	06/23/03	08/25/03	10/21/03	11/25/03	02/23/04	05/24/04	08/11/04
GW ELEVATION (d)	24.86	24.86	24.26	24.36	24.36	18.65	23.11
COLLECTED BY	URS	URS	URS	URS	URS	URS	URS
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	4.4	4.0J	ND	3.0J	ND	ND	ND
1,1,1-Trichloroethene	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ND	ND	ND	ND	ND	ND	ND

DATE SAMPLED	06/23/03	08/25/03	10/21/03	11/25/03	02/23/04	05/24/04	08/11/04
GW ELEVATION (d)	24.86	24.86	24.26	24.36	24.36	20.87	21.52
COLLECTED BY	URS	URS	URS	URS	URS	URS	URS
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	2.1J	ND	ND	ND	ND	ND
1,1,1-Trichloroethene	ND	3.6J	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ND	ND	ND	ND	1.0J	ND	ND

WELL NUMBER	WELL DEPTH (TOC)	SCREEN LENGTH	GROUND SURFACE ELEVATION (d)	TOP OF CASING ELEVATION (d)
ASMW-1	90'-0"	10'-0"	47.88	47.19
ASMW-2	90'-0"	10'-0"	46.74	46.16
ASMW-3	90'-0"	10'-0"	47.13	46.81
ASMW-4	110'-0"	10'-0"	44.11	43.93
ASMW-5	133'-0"	10'-0"	44.42	44.03

LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- IRRIGATION WELL
- SUPPLY WELL
- FORMER GROUNDWATER PROBE



ABBREVIATIONS:
D - DILUTED
J - ESTIMATED
ND - NOT DETECTED

NOTES:
1. GROUNDWATER SAMPLES ANALYZED BY USEPA METHOD OLM 04.2
2. RESULTS REPORTED ONLY FOR COMPOUNDS DETECTED ABOVE MDL
3. RESULTS ARE REPORTED IN MICROGRAMS PER LITER (ug/l)
4. MEASURED IN FEET ABOVE MEAN SEA LEVEL

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK
MONITORING WELL LOCATION MAP AND SUMMARY OF SAMPLE RESULTS
THROUGH AUGUST 2004

ATTACHMENT B

ANALYTICAL RESULTS

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S3005

Sample ID	FC-EW-1-19-RE*	FC-EW-2-19-RE*	Groundwater Standards	FC-EFF-19-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S3005-01	S3005-02		S3005-03	S3005-04	
Sampling Location	EW-1	EW-2		Plant Effluent	—	
Sampling Date	08/09/2004	08/09/2004		08/09/2004	08/09/2004	
Dilution Factor	1.0	5.0		1.0	1.0	
Volatiles by OLM04.2 (µg/L)						
Tetrachloroethene	47	290JD	5	<0.5	<10	5
TOTAL VOCs:	47	290		ND	ND	
pH (S.U.)	5.23	5.39	NA	6.35	NA	6.5 to 8.5
Metals by 200.7 (mg/L)						
Iron	0.227	0.190	NP	0.080	NA	1
Manganese	0.058	0.021	NP	0.051	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<...-Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Influent streams were mislabeled as EW-1 and EW-2 instead of INF-1 and INF-2.

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S3355

Sample ID	FC-INF-1-20-RE	FC-INF-2-20-RE	Groundwater Standards	FC-EFF-20-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S3355-01	S3355-02		S3355-03	S3355-04	
Sampling Location	EW-1	EW-2		Plant Effluent	---	
Sampling Date	08/30/2004	08/30/2004		08/30/2004	08/30/2004	
Dilution Factor	1.0	10.0		1.0	1.0	
Volatiles by OLM04.2 (µg/L)						
Tetrachloroethene	25J	180JD	5	<0.5	<10	5
TOTAL VO's:	25	180		ND	ND	
pH (S.U.)	5.28	5.42	NA	8.84	NA	8.5 to 8.6
Metals by 200.7 (mg/L)						
Iron	0.205J	0.038J	NP	0.105J	NA	1
Manganese	0.080	0.018	NP	0.057	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<...-Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Influent streams were mislabeled as EW-1 and EW-2 instead of INF-1 and INF-2.

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S3649

Sample ID	FC-INF-1-21-RE	FC-INF-2-21-RE	Groundwater Standards	FC-EFF-21-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S3649-01	S3649-02		S3649-03	S3355-04	
Sampling Location	EW-1	EW-2		Plant Effluent	---	
Sampling Date	07/16/2004	07/16/2004		07/16/2004	07/16/2004	
Dilution Factor	1.0	5.0		1.0	1.0	
Volatiles by OLM04.2 (µg/L)						
Chloroform	<10	1.3J	7	<10	<10	NP
Tetrachloroethene	34J	160JD	5	<0.5	<10	5
TOTAL VO's:	34	151.3		ND	ND	
pH (S.U.)	5.72	5.38	NA	7.14	NA	6.5 to 8.5
Metals by 200.7 (mg/L)						
Iron	0.061J	0.139J	NP	0.164J	NA	1
Manganese	0.063	0.018	NP	0.051	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<... Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Influent streams were mislabeled as EW-1 and EW-2 instead of INF-1 and INF-2.

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S3836

Sample ID	FC-INF-1-22-RE	FC-INF-2-22-RE	Groundwater Standards	FC-EFF-22-RE**	Trip Blanks	Discharge Limits
Lab Sample ID	S3836-01	S3836-02		S3836-03	S3355-04	
Sampling Location	EW-1	EW-2		Plant Effluent	---	
Sampling Date	07/28/2004	07/28/2004		07/28/2004	07/28/2004	
Dilution Factor	1.0	5.0		1.0	1.0	
Volatiles by OLMO4.2 (µg/L)						
Tetrachloroethene	40	280D	5	<0.5	<10	5
TOTAL VO's:	40	260		ND	ND	
pH (S.U.)	5.43	5.49	NA	7.56	NA	6.5 to 8.5
Metals by 200.7 (mg/L)						
Iron	0.117J	<0.00081	NP	0.008J	NA	1
Manganese	0.058	0.020	NP	0.054	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

<... Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

* - Influent streams were mislabeled as EW-1 and EW-2 instead of INF-1 and INF-2.

** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYDEC
Project: Franklin Cleaners
Lab Case No.: S4107

Sample ID	FC-INF-123-RE	FC-INF-123-FR	FC-INF-223-RE	FC-INF-223-FR	Groundwater Standards	FC-EFF-23-RE**	FC-BL-3-TB	Discharge Units
Lab Sample ID	84107-01	84107-02	84107-03	84107-04		84107-05	84107-06	
Sampling Location	EW-1	EW-1	EW-2	EW-2		Plant Effluent		
Sampling Date	08/10/2004	08/10/2004	08/10/2004	08/10/2004		08/10/2004	08/10/2004	
Dilution Factor	1.0	1.0	1.0	1.0		1.0	1.0	
Volatiles by OLM64.2 (mg/L)								
Chloroform	<10	NR	1.2J	NR	7	<10	<10	NP
Tetrachloroethene	38	NR	180	NR	5	<0.5	<10	5
TOTAL VOC:	25	NA	181.2	NA		NO	NO	
pH (8.U)								
Taken with Hachua Multimeter	6.3	NA	6.2	NA	NA	6.5	NA	6.5 to 8.5
Taken with Orion pH Meter	5.5	NA	5.3	NA	NA	5.9	NA	
Metals by 200.7 (mg/L)								
Iron	0.013J	0.025J	0.014J	0.013J	NP	<0.001	NA	1
Manganese	0.051	0.048	0.017	0.017	NP	0.045	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed

~ - Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

NS - Not Sampled

NR - Not Required

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level, blank contamination exists

D - Indicatus values were taken from dilution run

* - Dilution factor used only for analyte with ID flag, all other values reported with a dilution factor of 1.0

** - Effluent results for Tetrachloroethene reported as ~ Minimum Detection Limit as requested by D&B

SUMMARY REPORT FOR AIR STRIPPER SAMPLING

Client: NYSDEC
Project: Franklin Cleaners
Lab Case No.: S4369

Sample ID	FC-INF-1-24-RE	FC-INF-2-24-RE	Groundwater Standards	FC-EFF-24-RE**	Trip Blank	Discharge Limits
Lab Sample ID	S4369-01	S4369-02		S4369-03	S4369-04	
Sampling Location	EW-1	EW-2		Plant Effluent	---	
Sampling Date	08/25/2004	08/25/2004		08/25/2004	08/25/2004	
Dilution Factor	1.0	10.0		1.0	1.0	
Volatiles by OL104.2 (µg/L)						
1,1-Dichloroethene	<10	2.6J	5	<10	<10	10
Chloroform	<10	1.2J	7	<10	<10	NP
1,1,1-Trichloroethane	<10	1.0J	5	<10	<10	10
Tetrachloroethene	31	230JD	5	<0.5	<10	5
TOTAL VOC:	31	234.8		ND	ND	
pH (S.U.)						
Taken with Horiba Multimeter	4.9	5.4	NA	6.7	NA	6.5 to 8.5
Taken with Orion pH Meter	5.5	5.3	NA	7.0	NA	
Metals by 200.7 (mg/L)						
Iron	0.058J	0.057J	NP	0.447	NA	1
Manganese	0.057	0.020	NP	0.054	NA	1

NOTES:

Only values detected above the laboratory detection limit are listed
 < - Reporting Limit
 ND - Not Detected
 NA - Not Applicable
 NP - No Proposed Limit
 NS - Not Sampled
 Bold - Exceeded limit
 J - Associated value is an estimated quantity
 U - Not present above associated level; blank contamination exists
 D - Indicates values were taken from dilution run
 * - Dilution factor used only for analyte with D flag; all other values reported with a dilution factor of 1.0
 ** - Effluent results for Tetrachloroethene reported as <... Minimum Detection Limit as requested by D&B

Vapor Carbon Vessel Monitoring

Client: NYSDEC

Project: Franklin Cleaners Site

Total VOC Concentrations

Date	VCV-01		VCV-02	
	Influent	Effluent	Influent	Effluent
22-Jul-03*	0.222	ND	0.257	ND
9-Sep-03	0.0	0.0	0.0	0.0
16-Sep-03	0.0	0.0	0.0	0.0
23-Sep-03	0.0	0.0	0.0	0.0
30-Sep-03	0.0	0.0	0.0	0.0
7-Oct-03	0.0	0.0	0.0	0.0
14-Oct-03	0.0	0.0	0.0	0.0
21-Oct-03	0.0	0.0	0.0	0.0
28-Oct-03	0.0	0.0	0.0	0.0
4-Nov-03	0.0	0.0	0.0	0.0
11-Nov-03	0.0	0.0	0.0	0.0
18-Nov-03	0.0	0.0	0.0	0.0
25-Nov-03	0.0	0.0	0.0	0.0
2-Dec-03	0.0	0.0	0.0	0.0
9-Dec-03	0.0	0.0	0.0	0.0
16-Dec-03	0.0	0.0	0.0	0.0
23-Dec-03	0.0	0.0	0.0	0.0
30-Dec-03	0.0	0.0	0.0	0.0
6-Jan-04	0.0	0.0	0.0	0.0
13-Jan-04	0.0	0.0	0.0	0.0
20-Jan-04	0.0	0.0	0.0	0.0
27-Jan-04	0.0	0.0	0.0	0.0
3-Feb-04	0.0	0.0	0.0	0.0
10-Feb-04	0.0	0.0	0.0	0.0
17-Feb-04	0.0	0.0	0.0	0.0
24-Feb-04	—	—	—	—
2-Mar-04	—	—	—	—
9-Mar-04	0.0	0.0	0.0	0.0
16-Mar-04	0.0	0.0	0.0	0.0
23-Mar-04	0.2	0.0	0.0	0.0
30-Mar-04	0.2	0.1	0.0	0.0
6-Apr-04	0.0	0.0	0.0	0.0
14-Apr-04	0.0	0.0	0.0	0.0
20-Apr-04	0.0	0.0	0.0	0.0
28-Apr-04	0.0	0.0	0.0	0.0
5-May-04	0.0	0.0	0.0	0.0
12-May-04	0.0	0.0	0.0	0.0
19-May-04	0.0	0.0	0.0	0.0
25-May-04	0.0	0.0	0.0	0.0
2-Jun-04	0.0	0.0	0.0	0.0
9-Jun-04	0.0	0.0	0.0	0.0
16-Jun-04	0.0	0.0	0.0	0.0
23-Jun-04	0.0	0.0	0.0	0.0
30-Jun-04	0.0	0.0	0.0	0.0
7-Jul-04	0.0	0.0	0.0	0.0
15-Jul-04	0.0	0.0	0.0	0.0
21-Jul-04	0.0	0.0	0.0	0.0
28-Jul-04	0.0	0.0	0.0	0.0
4-Aug-04	0.0	0.0	0.0	0.0
11-Aug-04	0.0	0.0	0.0	0.0
18-Aug-04	0.0	0.0	0.0	0.0
25-Aug-04	0.0	0.0	0.0	0.0
1-Sep-04	0.0	0.0	0.0	0.0
8-Sep-04	0.0	0.0	0.0	0.0

Note:

All concentrations are in parts per million (ppm).

*: Tedlar bags analyzed by laboratory

—: Rental PID readings were not consistent with historical data.

Pine Environmental acknowledged that PID sensors may have been dirty.

Newly calibrated PID was used to obtain readings on March 9, 2004

and these readings are consistent with readings since February 17, 2004.

SUMMARY REPORT FOR MONITORING WELL SAMPLING

Client: NYSDEC

Project: Franklin Cleaners

Lab Case No.: S4104

Sample ID		FC-ASMW-1-06-RE	FC-ASMW-2-06-RE	FC-ASMW-2-06-XX	FC-ASMW-3-06-RE	FC-ASMW-3-06-FR	FC-ASMW-4-06-RE	FC-ASMW-5-06-RE	FC-BL-03-TB	Groundwater
Lab Sample ID	S4104-05	S4104-04	S4104-03	S4104-01	S4104-02	S4104-07	S4104-08	S4104-08	S4104-08	Standards
Sampling Date	08/10/2004	08/10/2004	08/10/2004	08/10/2004	08/10/2004	08/11/2004	08/11/2004	08/11/2004	08/11/2004	
Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Volatiles by OLM04.2 (ug/L)										
Chloroform	5.0J	<10	<10	<10	<10	<10	<10	<10	<10	7
Tetrachloroethene	22	48	<10	<10	<10	<10	<10	<10	<10	5
TOTAL VO's:										
	27.0	48.0	ND	ND	ND	ND	ND	ND	ND	
Field Parameters										
pH (S.U.)	5.70	5.39	NA	5.56	5.56	5.00	4.58	4.58	NA	NA
Conductivity (mS/cm)	0.30	0.39	NA	0.45	0.45	0.34	0.32	0.32	NA	NA
Temperature (deg. C)	20.48	17.10	NA	17.08	17.08	17.88	17.52	17.52	NA	NA
Turbidity (NTU)	52	20	NA	23.00	23.00	6	33	33	NA	NA
Dissolved Oxygen (mg/l)	4.7	6.5	NA	5.50	5.50	8.6	8.0	8.0	NA	NA

NOTES:

Only values detected above the laboratory detection limit are listed

< - Reporting Limit

ND - Not Detected

NA - Not Applicable

NP - No Proposed Limit

Bold - Exceeded limit

J - Associated value is an estimated quantity

U - Not present above associated level; blank contamination exists

D - Indicates values were taken from dilution run

FC-ASMW-2-06-XX is the Field Blank for this sampling event.

FC-ASMW-3-06-FR is the Field Replicate of sample ASMW-3.

FC-ASMW-3-06-FR was mislabelled as FC-ASMW-3-C-06 in Chain of Custody and the consequent laboratory report.

ATTACHMENT C

EXTRACTION AND TREATMENT SYSTEM PERFORMANCE RESULTS

FRANKLIN CLEANERS SITE

gpm: gallons per minute
ug/L: micrograms per liter
lb/hr: pounds per hour

D: Indicates that values were taken from a dilution run
J: Estimated Quantity

1. Data as reported by URS Corporation.
2. PCE removal calculations as of September 9, 2004 system start-up date.
3. Fourth quarter performance results are shaded.

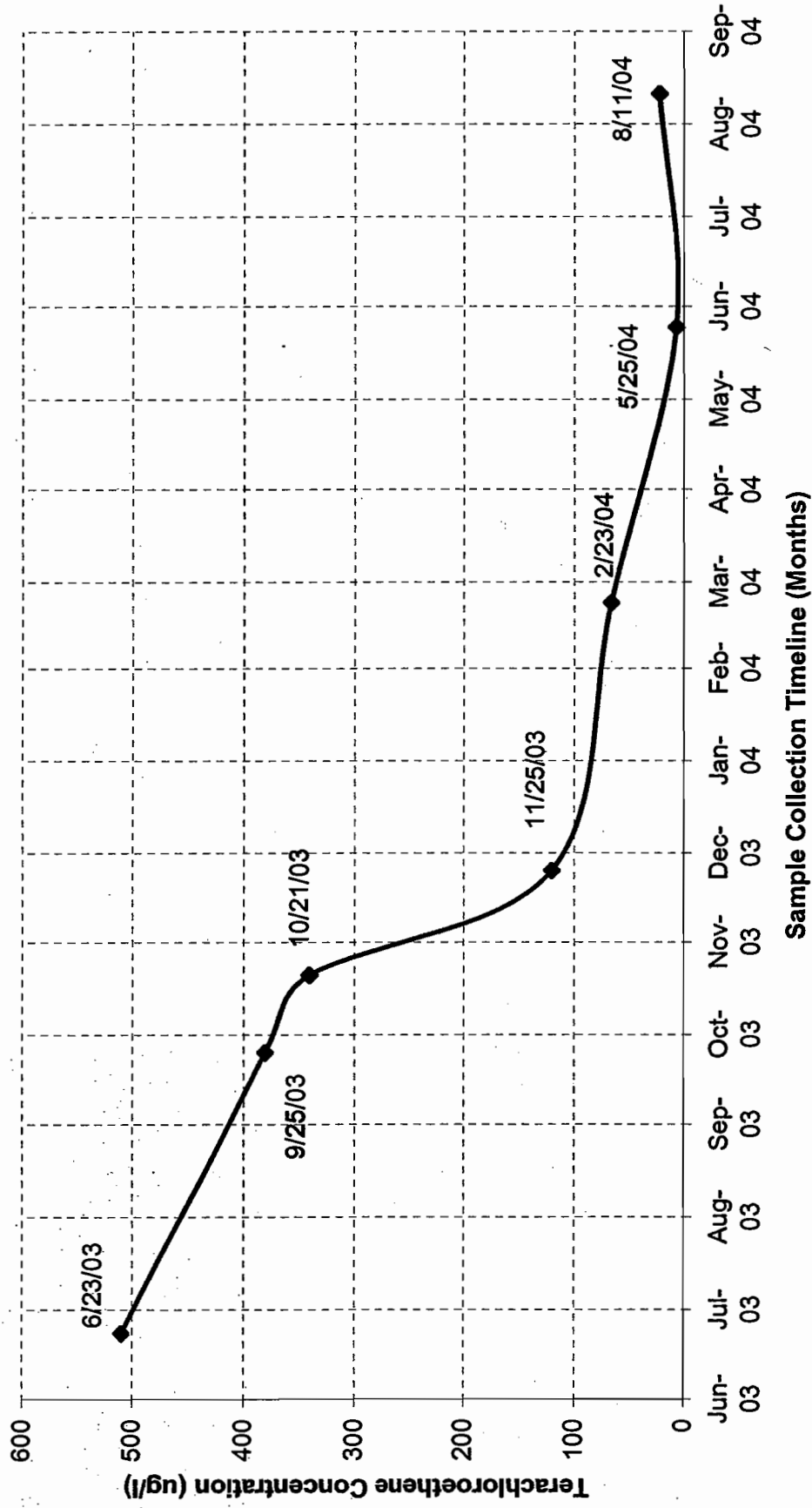
G:/FDevila/Projects/Franklin_Cleaners/NYSDEC Contract No. D004284 - GW Treatment System/Quarterly Reports/Second Quarter/Quarter 4 Sampling Results.xls

ATTACHMENT D

GRAPHS

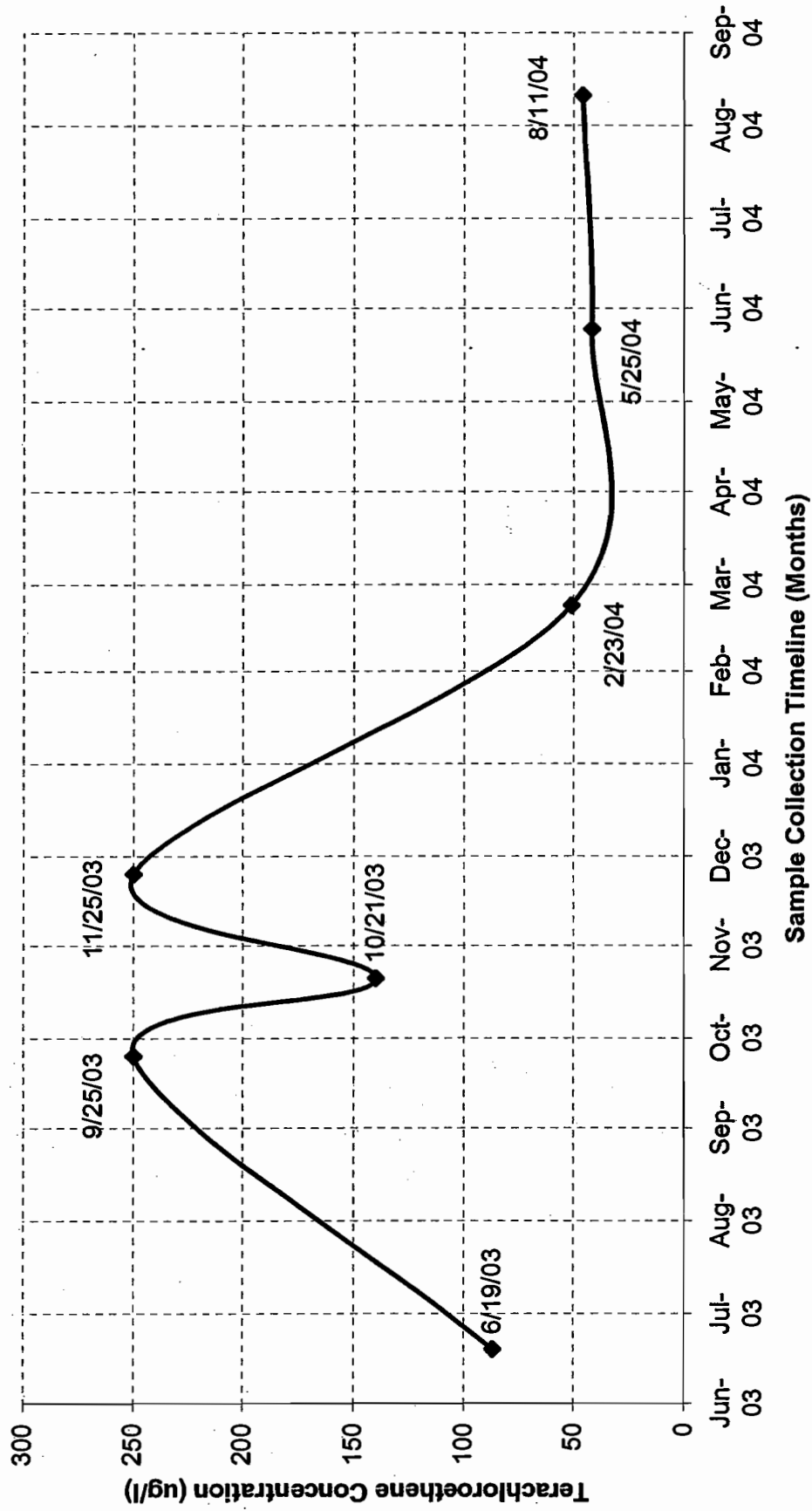
GRAPH 1

Franklin Cleaners Site
NYSDEC Contract No. D004264 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-1



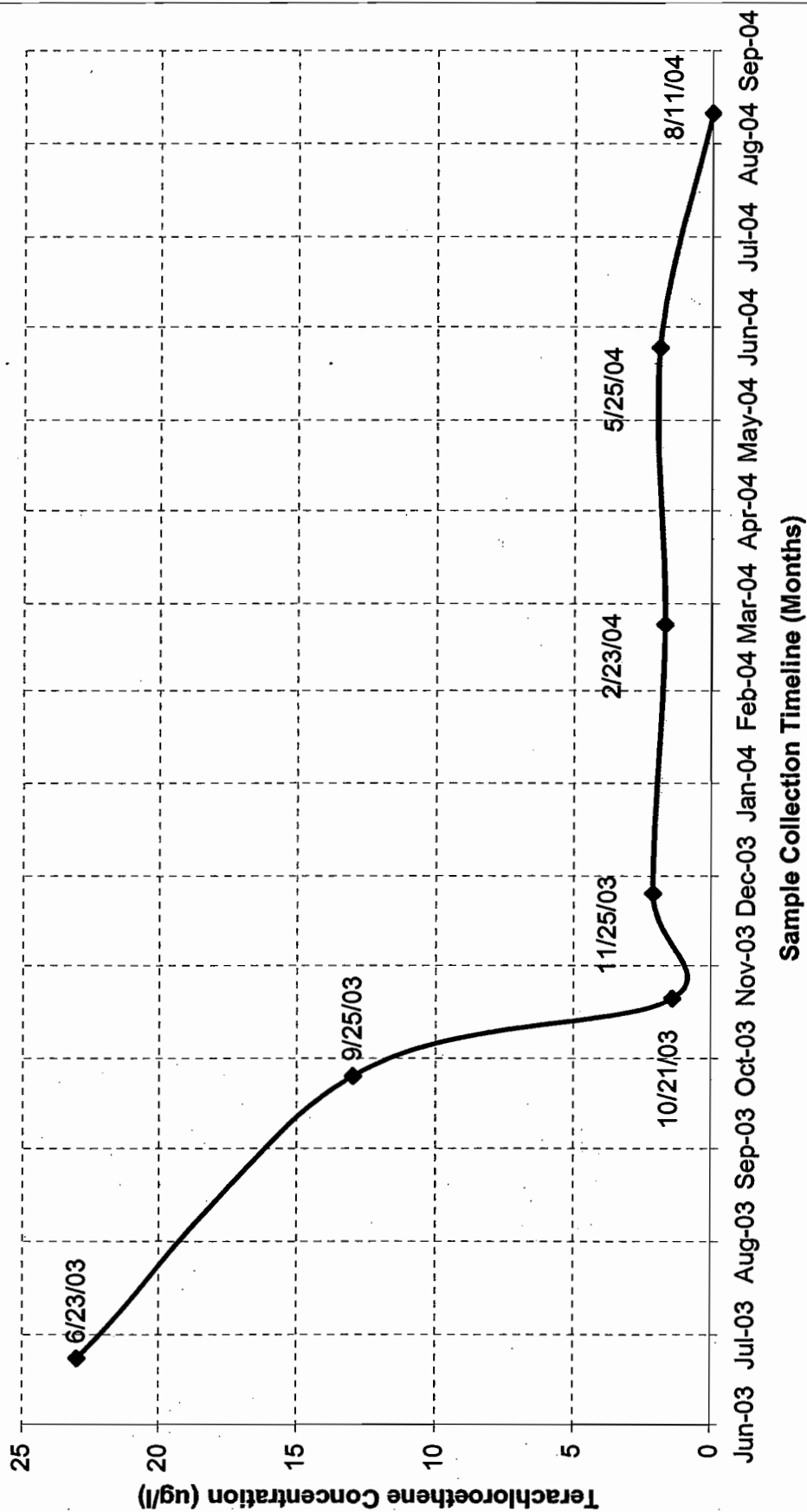
GRAPH 2

Franklin Cleaners Site
NYSDEC Contract No. D004264 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-2



GRAPH 3

Franklin Cleaners Site
NYSDEC Contract No. D004264 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-3



ATTACHMENT E

SUMMARY OF SYSTEM OPERATIONS

System Operations

Client: NYSDEC

Project: Franklin Cleaners Site

Shut-off Date/Time	Restart Date/Time	Type of Alarm	Actions Taken
9-11-03 / 0830	9-11-03 / 0900	None	Auto-dialer test
9-16-03 / 1100	9-16-03 / 1600	None	Plant shutdown for blower painting
9-19-03 / unknown	9-18-03 / 0930	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
9-23-03 / 1030	9-23-03 / 1530	None	connected air line hoses for EW-1 and EW-2
9-24-03 / unknown	9-24-03 / 0700	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
9-24-03 / 0900	9-24-03 / 1500	None	Roof waterproofing
9-30-03 / unknown	9-30-03 / 0730	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
9-30-03 / 1530	9-30-03 / 1630	None	Cleaning of flow totalizer
10-02-03 / 0830	10-02-03 / 1530	None	Installation of rain edge
10-24-03 / unknown	10-27-03 / 0700	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
10-30-03 / 0800	10-30-03 / 1100	Wet Well Leak Test	Performed test then restarted GWTP
11-04-03 / 1200	11-04-03 / 1400	Wet Well Leak Test	Performed test then restarted GWTP
11-07-03 / 0800	11-07-03 / 1200	Wet Well Leak Test	Performed test then restarted GWTP
11-17-03 / unknown	11-17-03 / 1630	"High" Wet Well Alarm	Auto-dialer did not make calls, plant restarted
11-17-03 / 1300	11-17-03 / 1630	EW-1 Shutdown	Purged PTMW-3 into EW-1, Restart EW-1
11-18-03 / 0800	11-18-03 / 1600	Floor painting and PTMW-3 development	Restart plant after work
12-09-03 / 1000	12-09-03 / 1300	PLC changeout and plant maintenance	Restart plant after work
12-14-03 / unknown	12-15-03 / 1500	EW-2 Fail	Auto-dialer did not make calls, reset EW-2
12-15-03 / 0700	12-15-03 / 1500	None	Performed test then restarted GWTP
12-30-03 / unknown	01-02-04 / 0945	"High" Wet Well Alarm	Auto-dialer did not make calls, reset EW-2
01-03-04 / unknown	01-06-04 / 0950	EW-2 Fail	Auto-dialer did not make calls, reset EW-2
01-06-04 / 1250	01-08-04 / 0930	EW-2 Fail	Auto-dialer did not make calls, reset EW-2
01-09-04 / 0800	01-09-04 / 1100	None	Auto-dialer Correction/Testing by JK Electric
01-19-04 / 0100	01-19-04 / 1400	"High" Wet Well Alarm	Flygt pump #2 overheat indicator, plant restarted
01-20-04 / 0300	01-20-04 / 1030	"High" Wet Well Alarm	Plant restarted, troubleshoot Flygt pump #2
01-21-04 / 0730	01-21-04 / 1010	"High" Wet Well Alarm	Slightly opened valve vault check valve, adjusted mercury switch, plant restarted
01-28-04 / 1430	01-30-04 / 1300	"High" Wet Well Alarm	Plant restarted
02-01-04 / 1100	02-01-04 / 1600	"High" Wet Well Alarm	Plant restarted
02-01-04 / 2300	02-02-04 / 0900	"High" Wet Well Alarm	Scheduled yearly maintenance service for Flygt pump,
02-02-04 / 1300	02-02-04 / 2200	"High" Wet Well Alarm	Plant restarted
02-03-04 / 1120	02-03-04 / 2130	"High" Wet Well Alarm	Plant restarted
02-03-04 / 2200	02-05-04 / 1500	None	Restart Flygt pump # 2
02-06-04 / 1000	02-06-04 / 1100	None	Pumping Services performed yearly maintenance service for Flygt pump # 2, plant restarted after service
02-07-04 / 0300	02-07-04 / 1500	"High" Wet Well Alarm	Flygt pump #2 overheat indicator, plant restarted
02-07-04 / 2100	02-08-04 / 1130	"High" Wet Well Alarm	Flygt pump #2 overheat indicator, coordinate with Pumping Services for Flygt pump # 2 service
02-09-04 / 1110	02-09-04 / 1150	None	Replace broken blower flow switch (Dwyer V8 Flotect)
02-11-04 / 0800	02-11-04 / 1000	None	Performed post-construction site walk
02-19-04 / 0800	02-19-04 / 1000	None	Pumping Services replaced Mini-CAZ base, Restart plant
02-24-04 / 1500	02-24-04 / 1630	None	Purge water from MW sampling introduced to air stripper
03-23-04 / 1700	03-23-04 / 1705	None	PLC Change-out
04-03-04 / 0700	04-03-04 / 1100	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
04-05-04 / 1035	04-05-04 / 1135	None	Manual plant shutdown for site survey; Plant restarted after work
04-26-04 / 0800	04-26-04 / 1100	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
04-28-04 / 1600	04-28-04 / 1700	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
05-24-04 / 2000	05-25-04 / 0800	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
05-26-04 / 1200	05-26-04 / 1700	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
05-31-04 / 1200	05-31-04 / 1400	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
06-17-04 / 1630	06-18-04 / 0600	"High" Wet Well Alarm	Storm may have caused power failure; Reset Flygt panel breaker then restarted the plant
07-08-04 / 0600	07-08-04 / 0730	EW-1 and EW-2 Fail	Reset VFD control.
07-13-04 / 0600	07-13-04 / 0700	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
08-04-04 / 0700	08-04-04 / 0830	"High" Valve Vault Alarm	Drain valve vault with sump pump. Restart the plant.
08-05-04 / 1400	08-05-04 / 1600	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
08-08-04 / 0100	08-08-04 / 0900	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
08-11-04 / 2000	08-12-04 / 0700	"High" Wet Well Alarm	Power failure; Reset Flygt panel breaker then restarted the plant
08-15-04 / 1400	08-15-04 / 1700	EW-1 Fail	Reset VFD control.



APPENDIX H

CONSTRUCTION INSPECTION REPORTS

DATE August 14, 2002

DAY	S	M	T	W	TH	F	S
				✓			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear ✓	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 ✓	85+up
Still	Moder. ✓	High	Report No.	
Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Ken Sullivan (URS)</i>	<i>Project Manager</i>	<i>-</i>
<i>Paul Ulibarri (URS)</i>	<i>Site Supervisor</i>	<i>-</i>
<i>J.P. Enterprise (URS sub)</i>	<i>URS subcontractor</i>	<i>-</i>

VISITORS

Time	Name	Representing	Remarks
<i>8:00</i>	<i>Frank DeVita</i>	<i>D+B</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE August 14, 2002

CONSTRUCTION ACTIVITIES:

- URS held H.S. Meeting w/ All subcontractors
- Met w/ URS site supervisor Paul Vlahakis

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY F. DeVita TITLE Inspector

DATE August 15, 2002

DAY	S	M	T	W	TH	F	S
					✓		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still	Moder. ✓	High	Report No.	
HUMIDITY	Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Paul Ulibarri (URS)</i>	<i>Site Supervisor</i>	-
<i>Greg Gangemi (URS)</i>	<i>H/S Officer</i>	-
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	-
<i>All-State</i>	<i>URS subcontractor</i>	-

VISITORS

Time	Name	Representing	Remarks
<i>8:00</i>	<i>STony Creek</i>	-	<i>Debris Disposal</i>
<i>8:45</i>	<i>Keyspan Rep.</i>	-	<i>Utility location</i>
	<i>Frank DeVita</i>	<i>D+B</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:

<i>Payloader, Dump trucks, Screener</i>

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE August 15, 2002

CONSTRUCTION ACTIVITIES:

- Began removal of yard waste + Debris from Molloy College yard waste Disposal Area.
- Keyspan on-site to assist in the location of the gas utility which runs beneath proposed facility road.
- URS attempts to locate gas line (hand-digging)
- URS submits disposal facility Documentation for yard waste and Debris. Review of disposal facility permit for Stony Creek Industries reveals that facility is not adequate to accept volume of yardwaste and Debris generated on-site. URS acknowledges.
- URS subcontractor provides screener on-site to separate competent soils from yard waste and Debris for use on-site
- Screened material stockpiled in Molloy College parking lot w/ approval of J. Mulieri.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY F. DeVito TITLE Inspector

DATE August 16, 2002

DAY	S	M	T	W	TH	F	S
						✓	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 ✓	85+up
WIND	Still	Moder. ✓	High	Report No.	
HUMIDITY	Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>Paul Unbarri (URS)</u>	<u>Site supervisor</u>	-
<u>Greg Gangemi (URS)</u>	<u>H+S Officer</u>	-
<u>J.P. Enterprises</u>	<u>URS subcontractor</u>	-
<u>All State</u>	<u>URS subcontractor</u>	-

VISITORS

Time	Name	Representing	Remarks
	<u>F. DeVita</u>	<u>D+B</u>	<u>Inspector</u>

EQUIPMENT AT THE SITE:

PAYLOADER, SCREENER, CHIPPER

MATERIALS:

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

PAGE 1 OF 2 PAGES

BY F. DeVita

TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 16, 2002

CONSTRUCTION ACTIVITIES:

- Continue removal of yard waste and debris from Malloy College Waste Disposal Area. Screening activities continued.
- VRS continues to locate gas utility (hand digging) which runs beneath proposed facility road.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY T. DeVita TITLE Inspector

DATE August 19, 2002

DAY	S	M	T	W	TH	F	S
		✓					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder	High	Report No.	
HUMIDITY	Dry	Moder	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Paul Ulibarri (URS)</i>	<i>Site supervisor</i>	-
<i>Greg Gangeni (URS)</i>	<i>H+ S Officer</i>	-
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	-
<i>All State</i>	<i>URS subcontractor</i>	-

VISITORS

Time	Name	Representing	Remarks
-	<i>F. DeVita</i>	<i>D+B</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:

PAYLOADER, SCREENER, TRACK MOUNTED LOADER, CHIPPER

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 19, 2002

CONSTRUCTION ACTIVITIES:

- CONTINUE REMOVAL OF YARD WASTE AND DEBRIS FROM MOLLOY COLLEGE WASTE DISPOSAL AREA. SCREENING ACTIVITIES CONTINUED
- URS CONTINUES TO TRY AND HAND-LOCATE GAS UTILITY WHICH RUNS BENEATH PROPOSED FACILITY ROAD.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY F. DeVita

TITLE Inspector

DATE August 20, 2002

S	M	T	W	TH	F	S
		✓				

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain ✓	Snow
TEMP.	To 32	32-50	50-70	70-86 ✓	85+up
WIND	Still	Moder. ✓	High	Report No.	
HUMIDITY	Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
<i>Paul Ulibarri (URS)</i>	<i>Site Inspector</i>	<i>-</i>
<i>Greg Gangemi (URS)</i>	<i>H+S OFFICER</i>	<i>-</i>
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	<i>-</i>

VISITORS			
Time	Name	Representing	Remarks
	<i>Frank DeVita</i>	<i>D + B</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:
<i>PAYLOADER, SCREENER, TRACK MOUNTED LOADER, CHIPPER</i>
MATERIALS:

DISTRIBUTION 1 Proj. Mgr.
 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 20, 2002

CONSTRUCTION ACTIVITIES:

- No work performed on-site due to heavy rain and lightning

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY L. DeVito

TITLE Inspector

DATE August 21, 2002

DAY	S	M	T	W	TH	F	S
				✓			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Paul Ulibarri (URS)</i>	<i>Site Supervisor</i>	-
<i>Greg Gangemi (URS)</i>	<i>H+S Officer</i>	-
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	-
<i>All State</i>	<i>URS subcontractor</i>	-

VISITORS

Time	Name	Representing	Remarks
	<i>Frank DeVita</i>	<i>D+B</i>	<i>Inspector</i>
	<i>Keyspan</i>	-	<i>Gas Utility I.D.</i>

EQUIPMENT AT THE SITE:

DAY LOADER, SCREENER, TRACK MOUNTED LOADER, CHIPPER

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 21, 2002

CONSTRUCTION ACTIVITIES:

- CONTINUE REMOVAL of YARD WASTE AND DEBRIS FROM MOLLY COLLEGE WASTE DISPOSAL AREA. SCREENING ACTIVITIES CONTINUED.
- URS CONTINUES TO LOCATE GAS UTILITY (HAND DIGGING) WHICH RUNS BENEATH THE PROPOSED FACILITY ROAD.
- URS LOCATES GAS UTILITY AND NOTIFIES KEYSPAN.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY J. Davida

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE August 22, 2002
DAY

S	M	T	W	TH	F	S
				✓		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear ✓	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 ✓	85+up
Still	Moder ✓	High	Report No.	
Dry	Moder. ✓	Humid		

TEMP.
WIND
HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Paul Ulbarri (URS)	Site Supervisor	-
Greg Gangemi (URS)	H+S Officer	-
Ken Sullivan (URS)	Project Manager	-
J.P. Enterprises	URS subcontractor	-
All State	URS subcontractor	-

VISITORS

Time	Name	Representing	Remarks
	Frank DeVita	D+B	Inspector

EQUIPMENT AT THE SITE:

payloader, screener, track mounted payloader, chipper

MATERIALS: Project Sign

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 22, 2002

CONSTRUCTION ACTIVITIES:

- Continue removal of yard waste and debris from Malby College Waste Disposal Area. Screening activities continued.
- CRS begins grading for placement of field trailer and equipment staging areas.
- URS begin clearing and grubbing activities in proposed area of treatment system building and force main.
- Project sign delivered to site.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY F. DeVito TITLE Inspector

DATE August 23, 2002

DAY

S	M	T	W	TH	F	S
					✓	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear ✓	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 ✓	85+up
Still	Moder. ✓	High	Report No.	
Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Paul Ulibarri (URS)	site supervisor	-
Greg Gangemi (URS)	H+S OFFICER	-
J.P. Enterprises	URS subcontractor	-
All State	URS subcontractor	-
Phoenix Environmental	URS subcontractor	-

VISITORS

Time	Name	Representing	Remarks
	Frank DeVita	D+B	Inspector

EQUIPMENT AT THE SITE:

Pay loader, Track loader, Chipper

MATERIALS:

DISTRIBUTION

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- 2 Field Office
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PAGE 1 OF 2 PAGES

BY

F. DeVita

TITLE

Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 23, 2002

CONSTRUCTION ACTIVITIES:

- (Phoenix Environmental)
- URS subcontractor on-site to begin off-site disposal of yard waste and debris. Material transported to 110 sand company in Melville N.Y.
 - Material loaded from stockpile (by loader) into 35 yd tractor trailers. Total of 24 trucks loaded and transported to disposal facility.
 - Clearing activities continue in proposed area of treatment system building and force main.

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY F. DeVita

TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE August 26, 2002
DAY

S	M	T	W	TH	F	S
	✓					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
<i>Paul Ulibarri (URS)</i>	<i>Site Supervisor</i>	-	
<i>Greg Gangemi (URS)</i>	<i>H+S Officer</i>	-	
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	-	
<i>All State</i>	<i>URS subcontractor</i>	-	
<i>Phoenix Environmental</i>	<i>URS subcontractor</i>	-	

VISITORS			
Time	Name	Representing	Remarks
	<i>Frank DeVita</i>	<i>Inspector</i>	

EQUIPMENT AT THE SITE:	
<i>PAY loader, TRACK loader, chipper</i>	
MATERIALS:	

DISTRIBUTION
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2 Field Office
3 File

PAGE 1 OF 2 PAGES

BY F. DeVita TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 26, 2002

CONSTRUCTION ACTIVITIES:

- URS subcontractor (Phoenix Environmental) on-site to continue off-site disposal of yard waste and debris. Material transported to 110 Sand Co. in Melville, NY
- Material loaded from stockpile (by loader) into 35 yd tractor trailers. Total of 11 trucks loaded and transported to disposal facility.
- Clearing activities continue in proposed area of treatment system building and forcemain.

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PAGE 2 OF 2 PAGES

BY J. Devita

TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE August 27, 2002

DAY

S	M	T	W	TH	F	S
		✓				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear ✓	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 ✓	85+up
Still	Moder. ✓	High	Report No.	
Dry	Moder. ✓	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Paul Ulibarri (URS)</i>	<i>Site Supervisor</i>	-
<i>Greg Gangemi (URS)</i>	<i>H+S Officer</i>	-
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	-
<i>All- State</i>	<i>URS subcontractor</i>	-

VISITORS

Time	Name	Representing	Remarks
	<i>Frank DeVita</i>	<i>D+B</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:

<i>Loader Track loader, chipper</i>

MATERIALS:

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

F. DeVita

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 27, 2002

CONSTRUCTION ACTIVITIES:

- Clearing activities continue in proposed area of treatment system building and force main.
- URS requests to alter proposed facility road grades due to differing existing elevations of Molloy College parking lot. De B informs URS that proposed facility road grades may be altered however RCA pavement surrounding the treatment system must remain as designed. URS acknowledged.

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- 2 Field Office
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PAGE 2 OF 2 PAGES

BY J. DeVita

TITLE Inspector

DATE August 28, 2002

DAY	S	M	T	W	TH	F	S
				✓			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Paul Ulibarri (URS)</i>	<i>site supervisor</i>	-
<i>SAM Morales (URS)</i>	<i>AH. H+S officer</i>	-
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	-
<i>All State</i>	<i>URS subcontractor</i>	-
<i>PHOENIX ENVIRONMENTAL</i>	<i>URS subcontractor</i>	-

VISITORS

Time	Name	Representing	Remarks
	<i>F. DeVita</i>	<i>D+B</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:

<i>Pay loader, Track loader, chipper, backhoe</i>

MATERIALS:

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 28, 2002

CONSTRUCTION ACTIVITIES:

- Clearing activities continue in proposed area of treatment system building and force main.
- Phoenix Environmental on-site to remove remaining stockpile of yard waste and debris. Total of 1 35 yard truck loaded and transported to disposal facility

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY J. DeVita

TITLE Inspector

DATE August 29, 2002

DAY	S	M	T	W	TH	F	S
					✓		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moderate	High	Report No.	
Dry	Moderate	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>Paul Ulibarri (URS)</u>	<u>Site Supervisor</u>	-
<u>J.P. Enterprises @</u>	<u>URS subcontractor</u>	-
<u>All State</u>	<u>URS subcontractor</u>	-

VISITORS

Time	Name	Representing	Remarks
	<u>Frank DeVita</u>	<u>D+B</u>	<u>Inspector</u>

EQUIPMENT AT THE SITE:

Pay loader, track loader

MATERIALS:

geotextile

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE August 29, 2002

CONSTRUCTION ACTIVITIES:

- Yard waste and debris, as well as material generated during clearing and grubbing, loaded into 35 yd tractor trailer and transported to 110 SAND Co. in Melville, NY. Total of 2 trucks loaded and transported to disposal facility.
- Geotextile for RCA parking areas, roadways, and staging areas delivered to site.

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY J. Devita

TITLE Inspector

DATE September 3, 2002

DAY	S	M	T	W	TH	F	S
			✓				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear ✓	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 ✓	85+up
Still	Modif. ✓	High	Report No.	
Dry	Modif. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Paul Ulibarri (URS)	Site Supervisor	-
Ken Sullivan (URS)	Project Manager	-
JP Enterprises @	URS subcontractor	-
All State	URS subcontractor	-

VISITORS

Time	Name	Representing	Remarks
	Frank DeVita	D+B	Inspector

EQUIPMENT AT THE SITE:

<u>Dayloader, Chipper</u>

MATERIALS:

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE September 3, 2002

CONSTRUCTION ACTIVITIES:

- CLEARING ACTIVITIES CONTINUE IN PROPOSED AREA OF TREATMENT SYSTEM BUILDING AND LOOSE MAIN.
- VHS CONTINUES GRADING FOR MOBILIZATION AREA. GEOTEXTILE DEPLOYED OVER MOBILIZATION AREA FOR RLA PLACEMENT ON 9/4/02.
- DISCUSSED TRAILER LAYOUT W/ K. SULLIVAN AND AGREED TO A FINALIZED LAYOUT FOR THE MOBILIZATION AREA.

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- 3 File

PAGE 2 OF 2 PAGES

BY F. DeVita

TITLE Inspector

DATE September 4, 2002

DAY	S	M	T	W	TH	F	S
				✓			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Paul Vilibarri (URS)</i>	<i>site supervisor</i>	-
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	-
<i>All State</i>	<i>URS subcontractor</i>	-

VISITORS

Time	Name	Representing	Remarks
	<i>Frank DeVita</i>	<i>D+B</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:

Dayloader, chipper, 10 ton vibratory roller, backhoe

MATERIALS:

RCA, geotextile

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY J. DeVita

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE September 4, 2002

CONSTRUCTION ACTIVITIES:

- PLACED RCA IN AREA OF CONSTRUCTION TRAILER. COMPACTED RCA W/ AN APPROVED 10 TON VIBRATORY ROLLER.
- CONSTRUCTION TRAILER DELIVERED TO SITE.
- CLEARING ACTIVITIES CONTINUE IN PROPOSED AREA OF TREATMENT SYSTEM BUILDING AND FORCE MAIN.

DISTRIBUTION

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- 3 File

PAGE 2 OF 2 PAGES

BY J. DeVita

TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE September 5, 2002

DAY	S	M	T	W	TH	F	S
					✓		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear ✓	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 ✓	85+up
Still	Moder. ✓	High	Report No.	
Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Paul Ulibarri (URS)</i>	<i>Site supervisor</i>	<i>-</i>
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	<i>-</i>
<i>All State</i>	<i>URS subcontractor</i>	<i>-</i>

VISITORS

Time	Name	Representing	Remarks
	<i>Frank DeVita</i>	<i>D+B</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:

Payloader, chipper, 10 ton vibratory roller, backhoe

MATERIALS:

RCA geotextile

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY F. DeVita

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE September 5, 2002

CONSTRUCTION ACTIVITIES:

- Construction of mobilization area continues. Placed and compacted RCA to required grades
- Began constructing subgrade for proposed facility road
- Clearing activities continue in proposed area of treatment system building and force main.

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY F. DeVito

TITLE Inspector

DATE September 6, 2002

DAY	S	M	T	W	TH	F	S
						✓	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear ✓	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 ✓	85+up
Still	Modest ✓	High	Report No.	
Dry	Modest ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Paul Ulibarri (URS)</i>	<i>site supervisor</i>	-
<i>J.P. Enterprises</i>	<i>URS subcontractor</i>	-
<i>All State</i>	<i>URS subcontractor</i>	-

VISITORS

Time	Name	Representing	Remarks
	<i>Frank DeVita</i>	<i>D+B</i>	<i>Inspector</i>
	<i>Robert Heling</i>	<i>D+B</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:

Payloader, chipper, 10 ton Vibratory Roller backhoe

MATERIALS:

geotextile, RCA

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY J. DeVita

TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE September 6, 2002

CONSTRUCTION ACTIVITIES:

- Reviewed site w/ R. Heling for inspector transition.
- Continued constructing subgrade for proposed facility road.
- Clearing activities continued in proposed area of treatment system building and force main.
- Project sign installed.

DISTRIBUTION

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2 Field Office
3 File

PAGE 2 OF 2 PAGES

BY F. DeVita

TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO.

NYSDEC # 1-30-050

DATE 09/09/02

CONSTRUCTION ACTIVITIES:

- * prepare subgrade packing lot + road
- * making test pitches along discharge trench to see if material can be used for backfilling.
 - 1 pitch every 100 Ft / 4' wide / 5' deep / 5 pitches total.
 - 0-1 ft topsoil - 1-4 ft sample from 5 pitches
- * start 14' down RCA + fabric filter + waiting for new RCA Tuesday morning 07" new load.
- * JK electro on site to measure distance poles temp E facility.
 - ↳ Wednesday installation LIPA concrete pad/mound
 - ↳ temp lightning + el service above ground and not buried
 - ↳ where to place security lighting
- * URS requested to finish facilitate transfer by end of the week.
- * Project sign → post 4" x 4" in 30" concrete footing.
 - no typing errors in text
 - comment between line Franklin Cleaners Site and line site no. 8 should be open space of 2" but there's no open space + spacing line 11
 - line 7 should be 10' but is 9.5'

DISTRIBUTION

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- 3 File

PAGE 2 OF 2 PAGES

BY

Robert Shilling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 09/10/02

DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid.		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
<i>Matthew Lowery</i>	<i>All state</i>	
<i>John Uleich</i>	<i>All state</i>	
<i>John Utsey</i>	<i>All state</i>	
<i>Chris Lowery</i>	<i>All state</i>	

VISITORS			
Time	Name	Representing	Remarks
<i>7⁰⁰</i>	<i>R. Heling</i>	<i>D+B</i>	<i>Inspector.</i>
<i>7⁰⁰</i>	<i>P Ullibarrri</i>	<i>URS</i>	<i>SSU</i>
<i>7⁰⁰</i>	<i>S Morales</i>	<i>URS</i>	<i>H+S</i>

EQUIPMENT AT THE SITE:	
<i>Roller.</i>	
<i>Front loader.</i>	
<i>Truck loader.</i>	
<i>Tractor.</i>	
MATERIALS:	
<i>1 truck load RCA (7.15) 18 yds</i>	

DISTRIBUTION

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PAGE 1 OF 2 . PAGES

BY Robert Heling TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/10/02

CONSTRUCTION ACTIVITIES:

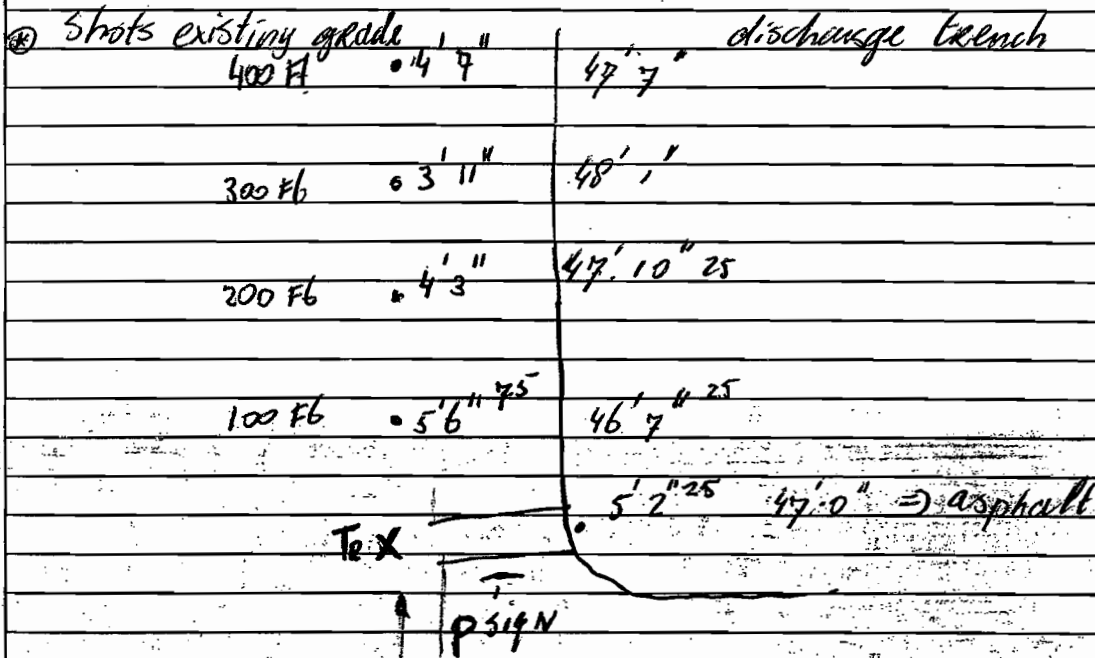
* Install project sign.

* Make new sample for gradation test to determine whether material can be used for select backfill.

=> Bring sample to lab (one 5 Gallon Bucket) (Friday result)

* URS requested to coordinate with GK Electric about trench discharge pipe (one trench or two (who when what))

* prepare road + area between road and project sign (grade not final)



DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY Robert Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 09/11/02

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still	Moder.	High X	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Y Utsey	All Stake.	
M Lowery	--	
C Lowery	--	
Mc Lowery	--	
Jim Kitchellen.	Yk Electric	
T Kitchellen.	--	
James Kitchellen.	--	

VISITORS

Time	Name	Representing	Remarks
07 ⁰⁰	R. Heling	D+B	Inspector.
07 ¹⁰	P. Williams	URS	SSV
07 ²⁰	S. Morales	URS	H+S
07 ³⁰	F. DeVita	D+B	PM
	M. Newberry	D+B	

EQUIPMENT AT THE SITE:

Roller
Tractor
Front loader

MATERIALS:

Conduits pvc 4" x 2" x 3/4"
1 Truck with - padmount transformer.
- 2 manholes + cover
- transformer + cover.

DISTRIBUTION
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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

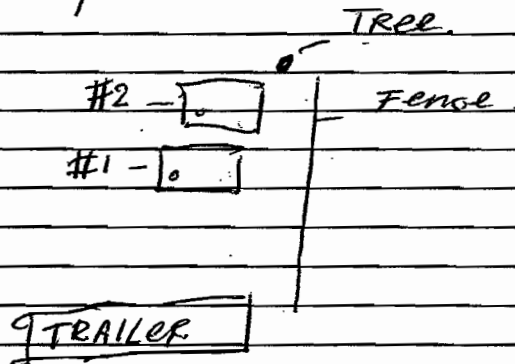
REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/11/02

CONSTRUCTION ACTIVITIES:

- * 3K excavation for padmount transformer near building and next to road.
- * Place both transformers + backfill soil.
- * Install sign.
- * Oil spill on tractor. URS Requested to repair oil leakage AS AP.
→ fixed in 1 hour.
- * Branches fell on roof car R. Heling (#1) and All State (#2) during heavy wind.
URS makes incident report



- * Jim Kilcullen said he discussed positioning security lighting with F. DeVita.

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- 3 File

PAGE 2 OF 2 PAGES

BY R. Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 03/12/02

DAY

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
John Utsey		Allstate	
Chris Lowery		~	
Mc		~	
Sherman Covey		Massand	
Betr Melnikov		-	
L Kuchareczik		-	

VISITORS			
Time	Name	Representing	Remarks
07 ¹⁵	R. Heling	D+B	Inspector.
07 ³⁰	P. Ullibarri	URS	SSU
07 ⁰⁰	S. Morales	URS	H+S
09 ³⁰	K Sullivan	URS	Project manager.
09 ⁵⁰	J Kilcullen	JK Electric.	

EQUIPMENT AT THE SITE:	
Tractor. → maintenance new radiator.	
MATERIALS:	

DISTRIBUTION

1 Proj. Mgr.

2 Field Office

3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/12/02

CONSTRUCTION ACTIVITIES:

- * Surveyor on site to survey new existing grade new parking lot Molloy College + replace corners building + center point road entrance etc. + trench discharge pipe + conduits electricity + telephone.
- * Cut 1 tree in new parking lot area. Molloy College.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY R. Holing

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 09/13/02

DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 <input checked="" type="checkbox"/>	85+up
Still	<input checked="" type="checkbox"/> Moder.	High	Report No.	
Dry	<input checked="" type="checkbox"/> Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
John Ulrich		SP	
Matthew Lowery		All State.	
MC Lowery			
John Lowery			

VISITORS			
Time	Name	Representing	Remarks
07 ¹⁵	R. Heling	D+B	Inspector.
07 ²⁰	P. M. M. M.	URS	SSU
07 ³⁰	S. Morales	URS	6:15
08 ⁴⁵	F DeVita	D+B	PM.

EQUIPMENT AT THE SITE:	
Truckblower	
Tractor (arrived at 12 ³⁰)	
MATERIALS:	

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/13/02

CONSTRUCTION ACTIVITIES:

- * URS requested to furnish Trailer before 09/19/02.
- * URS requested to check analysis method gradation test backfill material. First report didn't show the requested method in accordance with the Specifications (method should be ASTM D422). URS contacted lab and stated that test was done in accordance with ASTM D422 but not shown on report. URS will provide new reports with correct method.
- * URS requested to provide copies of disposal slips first run.
- URS requested to install onup trim around project sign ASAP
- * Loading trucks for disposal facility 110 * organic material parking lot
* wood racks parking lot

#	1/c plate.	Tin	Tout
1	16396 TR	10 ⁰⁰	10 ¹⁵
2	16398 TR	10 ⁰⁰	10 ³⁰
3	TP 5993	11 ³⁰	11 ⁴⁰
4	TP 5993	2 ¹⁵	2 ²⁵
5	16396 FR	3 ³⁰	3 ⁴⁰
6	16398 TR	4 ⁰⁰	4 ¹⁵

- * Two more loads on Monday 09/16/02 @ 7⁰⁰ AM
- * Replace fencing (snow) along parking lot.
- * Continue excavation 6" topsoil new parking lot Melley.

DISTRIBUTION

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2 Field Office
3 File

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 03/16/02
DAY

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain X	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder.	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Lowery MC Lowery	All state	
John Utrich.	JP Enterprise.	

VISITORS

Time	Name	Representing	Remarks
07:00	R. Heling	D+B	Inspr
07:00	P. Ullibarsari	URS	SSV
07:10	S. Morales	URS	H+S
11:00	G. Gengemi	URS	

EQUIPMENT AT THE SITE:

Truck loader.
Tractor.

MATERIALS:

DISTRIBUTION

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PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/16/02

CONSTRUCTION ACTIVITIES:

* Loading organic material for disposal facility 110
One truck load. Broom #15
Time in 07⁰⁰
Time out 07⁵⁵.

* Fill depressions parking lot Trailer area with RCA.

* URS requested to provide copies of disposal slips facility 110 during site meeting on Thursday

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY

R. Hehir

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 09/17/02

DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>2 Laborers</u>	<u>Allstate</u>	

VISITORS

Time	Name	Representing	Remarks
<u>0930</u> <u>0940</u>	<u>F de Vita</u> <u>P. Ulihaori</u>	<u>DIB</u> <u>URS</u>	

EQUIPMENT AT THE SITE:

<u>Dump truck</u>
<u>Trench loader</u>
<u>Tractor</u>

MATERIALS:

<u>1200 Ft plastic conduit 2" SCH 80 PEX .53mm max 90°</u>
<u>NEC WSP FOR WIRE 4:11 capacity 2.89 sq. mch.</u>
<u>sunlight resistant above ground and underground.</u>
<u>Roll # X-35334-E 09016</u>
<u>office furniture</u>

DISTRIBUTION

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BY _____ TITLE _____



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/17/02.

CONSTRUCTION ACTIVITIES:

* office furniture delivered.

* moving stockpile topsoil with dumptruck to other side Molloy College.

* continue grading new parking lot Molloy College.

* PVC conduit delivered.

DISTRIBUTION

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BY _____

TITLE _____

DAILY CONSTRUCTION REPORT

DATE 09/18/02
DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
M Lowery J Lowery C Lowery	All of late. " " " "	

VISITORS

Time	Name	Representing	Remarks
07:00 08:30 09:30	R. Heling P. Ulibarri R. mc Gethigan	D+B URS URS	Inspector. SSV

EQUIPMENT AT THE SITE:

Truck loader
Tractor
Dump truck

MATERIALS:

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector



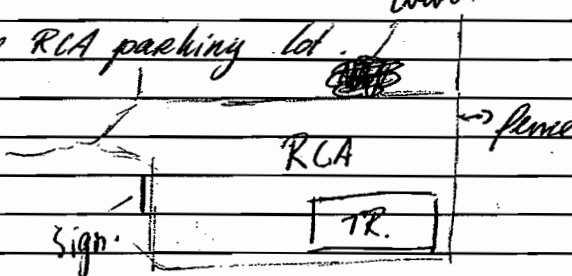
PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/18/02

CONSTRUCTION ACTIVITIES:

- * New site supervisor Kevin Mc Gittigan on site.
 - * All State cleaning edge asphalt and grade - 6" below asphalt level near edge.
water
 - * Still water standing in low point near RCA parking lot.
 - * Top soil still wet
→ no reading possible.
- 
- * Furnish equipment in Trailer + installation items.
 - * Received 1 Key Master pad lock from Paul.
- All State out 10⁰⁰ AM.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY R. Heling

TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 09/19/02

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moist X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
11:30	R. Heling	D + B	
11:30	F. De Vita	D + B	
11:30	J. TRAD	NYS DEC	
11:30	J. Yarnochille	NYS DEC	
11:30	K. Sullivan	URS	
	G. Gangemi	URS	
11:30	D. Richzo	L.I. Parks	
11:30	N. Rosenberg	L.I. Parks	
11:30	T. Vitale	NYS DOT	

EQUIPMENT AT THE SITE:

11:30 T. Eichbater NYS DOT.

• Tractor

• Dumptruck

MATERIALS:

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. 08/18/02

NYSDEC # 1-30-050

DATE _____

CONSTRUCTION ACTIVITIES:

* Meeting on site with NYS DOT.

* Meeting on site with URS + JK Electric (Construction meeting)

* no work performed by URS or JK.

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

Robert Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 09/20/02
DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
<i>Saborees (2)</i>		<i>Allstate</i>	<i>grading / operator</i>
VISITORS			
Time	Name	Representing	Remarks
	<i>G. Gengemie</i>	<i>URS</i>	<i>HIS</i>

EQUIPMENT AT THE SITE:	
<i>tractor</i>	
<i>dump truck</i>	
MATERIALS:	

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

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BY R. Heling TITLE Inspector



**Dvirka
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Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/20/02

CONSTRUCTION ACTIVITIES:

Finalize grading new parking lot Molloy College.

↳ All State continued grading as fast as possible. Still water in top soil + wet

Not finalized yet.

No work scheduled for next week.

DISTRIBUTION

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BY R. Heling TITLE Inspector



DATE 09/12/09

DAY	S	M	T	W	TH	F	S
		X					

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 X	85+up
WIND	Still X	Modér.	High	Report No.	
HUMIDITY	Dry	Modér. X	Humid		

Name of Contractor	Function	Remarks

Time	Name	Representing	Remarks

[illegible]

BY R. Holney TITLE 29/2363



**Dvirka
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/23/02

CONSTRUCTION ACTIVITIES:

No work performed by contractor. (G. Gargemi)

DISTRIBUTION

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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 09/24/02

DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

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BY R. Heling

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/24/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

*2:20pm Tried to get in contact with G. Gangemi about copies disposal slips.
Greg sick at home.*

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY

R. Heling

TITLE

Inspection



DATE 09/25/02

DAY

S	M	T	W	TH	F	S
			X			

WEATHER	Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 <input checked="" type="checkbox"/>	85+up
WIND	Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks

[illegible]

EQUIPMENT AT THE SITE:
MATERIALS:

BY R. Heling. TITLE Inspector.



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/25/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 3 File

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BY

R. Heling

TITLE

Inspector



DATE 09/26/02

DAY

S	M	T	W	TH X	F	S
---	---	---	---	---------	---	---

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Mod.	High	Report No.	
Dry	Mod.	Humid		

Name of Contractor	Function	Remarks

Time	Name	Representing	Remarks

[illegible][illegible]

PAGE 1 OF 2 PAGES

BY

R Heling

TITLE

Inspector.



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 09/26/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 09/27/02

DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain X	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder.	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Helms

TITLE

Inspector



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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 08/27/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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BY

R. Heling

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 09/30/02

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 03/30/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

*Site inspection :- 2 Dry wells are installed in new parking lot
Molloy College*

- parking area not paved.

- no activities on site.

DISTRIBUTION

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2 Field Office
3 File

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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 10/01/02
DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still	Moder. X	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks

VISITORS			
Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/01/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

R. Helmy

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 10/02/02

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brie Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder.	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector



**Dvirka
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/02/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

R. Helmy

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 10/03/02

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still X	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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2 Field Office
3 File

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/03/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

R. Heling

TITLE

Inspector



**Dvirka
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 10/04/02

DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	

VISITORS			
Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:	

MATERIALS:	

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

R. Heling

TITLE

Inspector



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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/04/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

R. Heling

TITLE

Inspector



**Dvirka
and
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/07/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

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BY

R. Heling

TITLE

Inspector



**Dvirka
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 10/08/02
DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspection

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/8/02

CONSTRUCTION ACTIVITIES:

No work performed on sit

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Heling

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 10/09/02
DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

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BY P. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/03/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 10/10/02

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 10/10/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION 1 Proj. Mgr.
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BY R. Heling TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 10/11/02

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					X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/11/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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BY

R. Heling

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 10/14/02

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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- 2 Field Office
- 3 File

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BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/14/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
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BY

R. Heling

TITLE

Inspector



DATE 10/15/02

S	M	T	W	TH	F	S
		X				

PROJECT MANAGER Frank DeVita

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder	Humid		

Name of Contractor	Function	Remarks

Time	Name	Representing	Remarks

[illegible][illegible]

PAGE 1 OF 2 PAGES

TITLE R Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/15/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY R. Heling

TITLE Inspector



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Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 10/16/02

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain X	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	Moder.	High X	Report No.	
Dry	Moder.	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

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TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/16/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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- 2 Field Office
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BY R. Helina

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 10/17/02

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
Jim Kilcollen	SK Electric		
James	SK Electric		
Thomas	SK Electric		
Matthew Lowery	All State		
John Wilkey	All State		
MC Lowery	All State		

VISITORS			
Time	Name	Representing	Remarks
7:00	R Heling	D+B	
7:20	G Gangemi	URS	SSV
7:40	Kmc Gettigan		

EQUIPMENT AT THE SITE:	
Truck	
Dumper	
Plate compactor	
MATERIALS:	

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/17/02

CONSTRUCTION ACTIVITIES:

* Start trenching for Electrical + Telephone Conduits (JK, Allstate)

* Discussion with JK about depth conduits for E+T conduits

Coord Drawings show 2'-2" + 3'-6" coverage on top of pipe

JK proposes 1 depth on 30' coverage on top of pipe

→ Result trench will be 24" wide + 30' ~~deep~~ and T + E conduit coverage on top of conduits at same level.

* Install manhole Telephone next to Franklin Av.

* Topsoil material is not approved yet. Requested JK to keep open the 6" for topsoil. JK is going to backfill everything inclusive topsoil + provide submittals later

Backfilling topsoil at own risk.

* URS or JK requested to take samples for approved topsoil material. URS takes samples on 10/18/02 + bring to lab.

* Checkpoints	Width	Depth on top pipe (4")	3'-14" / 12" / 2" / 3"
10 Ft	24	32	✓
50 Ft	24	30	✓
100 Ft	24	31	✓
150	24	30	✓

* endpoints taped + marked. Production today 150 Ft.

* Electric warning tape installed on middle of trench
Text

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BY Robert Heling TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 10/18/02

DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70 <input checked="" type="checkbox"/>	70-85	85+up
Still	Moder. <input checked="" type="checkbox"/>	High	Report No.	
Dry	Moder. <input checked="" type="checkbox"/>	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Jim Kilcullen.	JK Electric.	
James Kilcullen.	-	
Thomas Kilcullen.	-	
Matthew Lowery	ALLstate	
MC Lowery	-	
John Lowery	-	

VISITORS

Time	Name	Representing	Remarks
7:00	R. Heling	D+B	
10:30	F De Vita	-	

EQUIPMENT AT THE SITE:

truck / backhoe

Dumper.

MATERIALS:

3 pull boxes 1 telephone cover.

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BY R. Heling. TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/18/02

CONSTRUCTION ACTIVITIES:

- * Take samples with IIRs
 - 3/4 g. bucket (5 gallon)
 - 5 pits along trench from top soil 0-4" spaced apart ± 100 Ft

- * Install pull box telephone + electric

- * Trenching for E+T conduits backfilling + compacting.
Production today 240 Ft + install 2 pull boxes

Check points	Width	Depth at bp (ft)	3-4-12-2-3
200	24	31	✓
250	24	30	✓
300	26	30 1/2	✓
350	24	33 1/4	✓

- * Endpoint taped + backfilled

- * Install marking tape in middle of trench

- * SK requested to clean up trench area. SK/cullen will bring bobcat on, mowlay + clean trench area + smoothen things around trench and compacting final layer.

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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 10/21/02

DAY

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast X	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Jim Kiteculben	OK Electric	
Thomas Kiteculben	"	
James Kiteculben	"	
Matthew Lowery	All Starts	
John Lowery	"	
MC Lowery	"	

VISITORS

Time	Name	Representing	Remarks
7:05	R. Heling	D+B	

EQUIPMENT AT THE SITE:

truck / backhoe
Dumper
Bobcat

MATERIALS:

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BY R. Heling TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/21/02

CONSTRUCTION ACTIVITIES:

* Continue trenching + laying conduits + backfilling

* Checkpoints = WIDTH DEPTH TOP OF 4" PIPE 3/4/1/2/3/4

400	25	32	✓
450	24	31	✓
500	26	32	✓
550	25	30	✓
600	24	29 d	✓
650	25	30	✓
700	25	31	✓
720	24	33 ↑	✓

* Production today 320 Ft.

* Install 1" pvc conduit for temporary telephone facility from the last telephone pull box

* Install pull box Electricity + Telephone.

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BY R. Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 10/22/02

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
 NYSDC SITE NO. 1-30-050
 NYSDC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 X	70-85	85+up
WIND	Still X	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
Thomas Kilcullen		JK Electric	
Matthew Lowery		All State	
John Utsey		All State	
Jim Kilcullen		JK Electric	
James Kilcullen		JK Electric	

VISITORS			
Time	Name	Representing	Remarks
7:10	R. Helting	D+B	

EQUIPMENT AT THE SITE:
Backhoe
Truck
Bobcat

MATERIALS:

DISTRIBUTION
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 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY R. Helting TITLE Inspector

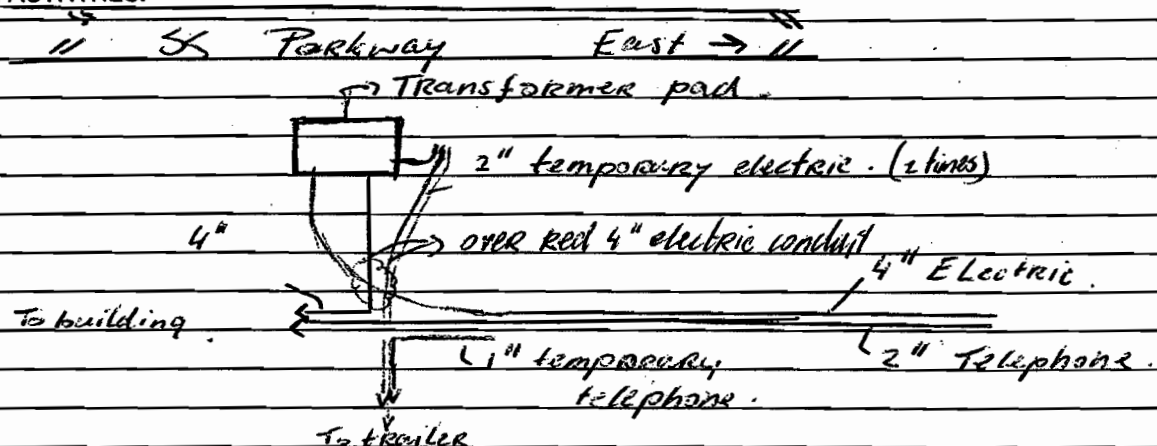
PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

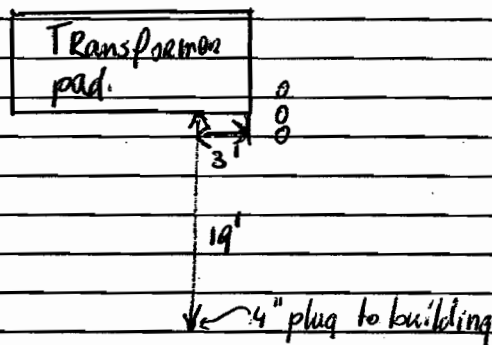
NYSDEC # 1-30-050

DATE 10/22/02.

CONSTRUCTION ACTIVITIES:



Finish trenching + laying conduits + backfilling + compacting



1:45 pm Backhoe hits trailer during excavation temp electricity conduit.

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BY R. Heling

TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 10/23/02

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Heling

TITLE

Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/23/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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BY

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Inspector



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Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 10/24/02

DAY

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/24/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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BY R. Heling

TITLE Inspector



DATE 10/25/02

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Mod.	High	Report No.	
Dry	Mod.	Humid		

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/25/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION
1 Proj. Mgr.
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BY R. Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 10/28/02

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moist X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/28/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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- 3 File

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BY

R. Heling

TITLE

Inspector

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/29/02

CONSTRUCTION ACTIVITIES:

No work performed on site

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DAILY CONSTRUCTION REPORT

DATE 10/30/02

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/30/07

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

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TITLE

Inspector



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and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 10/31/02
DAY

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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- 2 Field Office
- 3 File

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BY R. Heling TITLE Inspector



**Dvirka
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/3/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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Inspector

DAILY CONSTRUCTION REPORT

DATE 11/01/02

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder X	High	Report No.	
HUMIDITY	Dry	Moder X	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks

VISITORS			
Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:
MATERIALS:

DISTRIBUTION
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 3 File

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BY R. Heling TITLE Inspector



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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/01/02

CONSTRUCTION ACTIVITIES:

No work performed on site

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TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 11/04/02

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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TITLE

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PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/04/02

CONSTRUCTION ACTIVITIES:

No work performed on site

DISTRIBUTION

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- 3 File

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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 11/5/02

DAY	S	M	T	W	TH	F	S
			<input checked="" type="checkbox"/>				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50 <input checked="" type="checkbox"/>	50-70	70-85	85+up
Still	Modest <input checked="" type="checkbox"/>	High	Report No.	
Dry	Modest <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

R. Hehning

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 11/5/12

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION 1 Proj. Mgr.
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BY R. Helmy TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 11/6/02

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain X	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Moder X	High	Report No.	
HUMIDITY	Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/6/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 11/7/02

DAY

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks

VISITORS			
Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:
MATERIALS:

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- 2 Field Office
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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/7/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Melnyk

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 11/8/02

DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Helming

TITLE

Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/18/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 11/11/02

DAY

S	M <input checked="" type="checkbox"/>	T	W	TH	F	S
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PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast <input checked="" type="checkbox"/>	Rain <input checked="" type="checkbox"/>	Snow
To 32	32-50	50-70 <input checked="" type="checkbox"/>	70-85	85+up
Still	Moder <input checked="" type="checkbox"/>	High	Report No.	
Dry	Moder <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

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BY R. Helwig TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/11/07

CONSTRUCTION ACTIVITIES:

No work performed on site.

Review site conditions

** 40 Ft container installed on staging area.*

** Surveyer on site.*

** Riser pole LIPA installed.*

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BY

R. Helwig

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DAILY CONSTRUCTION REPORT

DATE 11/12/02

DAY

S	M	T	W	TH	F	S
		<u>4</u>				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain <input checked="" type="checkbox"/>	Snow
To 32	32-50	50-70 <input checked="" type="checkbox"/>	70-85	85+up
Still	Moder. <input checked="" type="checkbox"/>	High	Report No.	
Dry	Moder. <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

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BY B. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/12/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 11/23/02

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

TEMP. X

WIND X

HUMIDITY X

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/13/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY R. Helwig

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 11/14/02

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

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BY R. Heling TITLE Inspector



**Dvirka
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/14/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Heling

TITLE

Inspector



DATE 11/15/02

S	M	T	W	TH	F	S
					X	

PROJECT MANAGER Frank DeVita

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

[illegible][illegible]

EQUIPMENT AT THE SITE:

MATERIALS:

PAGE 1 OF 2 PAGES

R. Heling

Inspector.



Inspector



DATE 11/18/02

S	M	T	W	TH	F	S
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PROJECT MANAGER Frank DeVita

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Modest	High	Report No.	
Dry	Modest	Humid		

[illegible]

Time	Name	Representing	Remarks

[illegible]

PAGE 1 OF 2 PAGES

BY R. Hedberg TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/18/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 3 File

PAGE 2 OF 2 PAGES

BY R. Heling

TITLE Inspector



11/19/02

S	M	T	W	TH	F	S
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PROJECT MANAGER Frank DeVita

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Mod.	High	Report No.	
Dry	Mod.	Humid		

Name of Contractor	Function	Remarks

Time	Name	Representing	Remarks

[illegible]

PAGE 1 OF 2 PAGES

Inspector.

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/19/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

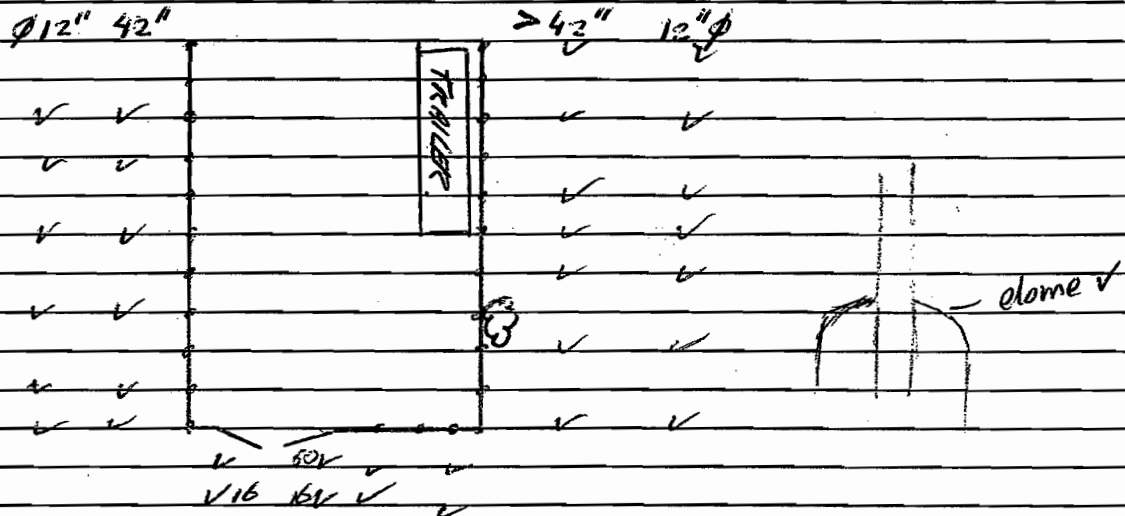
REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/20/02

CONSTRUCTION ACTIVITIES:

Install fence posts for trailer/staging area.



*11⁰⁰ Truck Seville on site. → 12⁰⁰ Leaving.
1⁰⁰ pm penelope leaves site.*

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BY R. Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 11/21/02

DAY

S	M	T	W	TH	F	S
			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70 <input checked="" type="checkbox"/>	70-85	85+up
Still	Moder <input checked="" type="checkbox"/>	High	Report No.	
Dry	Moder <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>J Kilcullen Sr</i>	<i>JK Electric</i>	
<i>J Kilcullen Jr.</i>	<i>All State</i>	
<i>J Ulrich</i>		

VISITORS

Time	Name	Representing	Remarks
<i>07⁰⁰</i>	<i>R. Heling</i>	<i>D+B</i>	

EQUIPMENT AT THE SITE:

MATERIALS:

<i>Backhoe</i>

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- 2 Field Office
- 3 File

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BY R. Heling

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

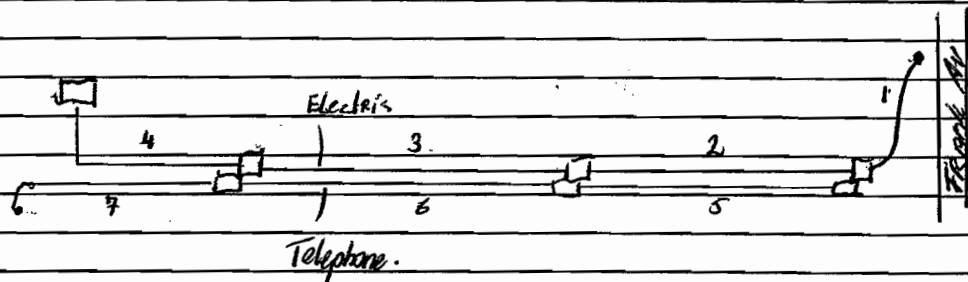
REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/21/02

CONSTRUCTION ACTIVITIES:

- * Trenching from riser pole Franklin Av to first pull box.
- * Clean conduits and pull wire + measuring tape.
- * Testing conduits



#	diam	ok
1	4"	✓
2	4"	✓
3	4"	✓
4	4"	✓
5	2"	✓
6	2"	✓
7	1"	✓

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BY R. Heling

TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 11/22/02
DAY

S	M	T	W	TH	F	S
					<input checked="" type="checkbox"/>	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION
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BY R. Heding TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/22/02

CONSTRUCTION ACTIVITIES:

No work performed on site

DISTRIBUTION

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BY R. Helms

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 11/25/02

DAY

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Heling

TITLE

Inspector



**Dvirka
and
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/25/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 11/26/02

DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder <input checked="" type="checkbox"/>	High	Report No.	
Dry	Moder <input checked="" type="checkbox"/>	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>P. Pero</i> <i>R. Hernandez</i>	<i>Pendulosa</i>	

VISITORS

Time	Name	Representing	Remarks
<i>7:00</i>	<i>R. Heling</i>	<i>D+B</i>	
<i>7:15</i>	<i>K. Mc Gelligan</i>	<i>URS</i>	
<i>10:00</i>	<i>G. Bongemi</i>	<i>URS</i>	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY *R. Heling* TITLE *Inspector*



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/26/02

CONSTRUCTION ACTIVITIES:

- install fabric fence around trailer + staging area.
- Penderosa did not provide the gate as submitted and approved.
URS requested to change the gate frame.
- URS requested to install black privacy slats
- 13⁰⁰ URS explained fabrication fence gate would take about 3 weeks

Copy of label ~~for~~ fabric.



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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 11/29/02

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Luis</i>	<i>Rendekosa</i>	
<i>Paul Pero</i>	--	
<i>Robert Hernandez</i>	--	
<i>Abel Cocronel</i>	--	

VISITORS

Time	Name	Representing	Remarks
<i>9:30</i>	<i>R. Heling</i>	<i>D+B</i>	
<i>7:00</i>	<i>G. Gangemi</i>	<i>URS</i>	

EQUIPMENT AT THE SITE:

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

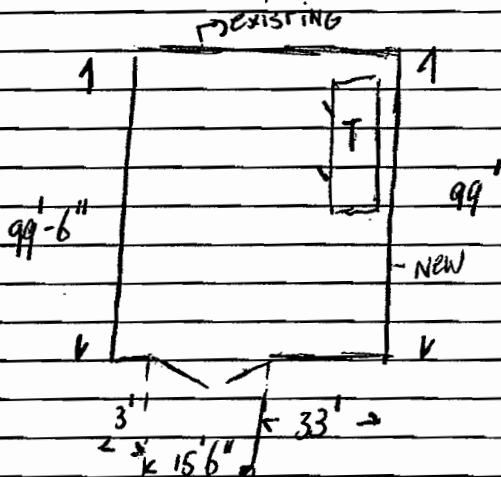
REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/27/02

CONSTRUCTION ACTIVITIES:

- Install privacy slats (color black)
- Install brace rail.
- Finish tying fabric ties



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BY R. Heling

TITLE Inspector



DATE 11/28/02

DAY

S	M	T	W	TH	F	S
				X		

NYSDEC SITE NO. 1-30-050

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Modér.	High	Report No.	
Dry	Modér.	Humid		

Name of Contractor

Function

Remarks

Time

Name _____

Representing

Remarks

EQUIPMENT AT THE SITE: ...

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BY

B. Heling

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/28/02

CONSTRUCTION ACTIVITIES:

Thanks giving.

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BY R. Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 11/29/02
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S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Moderate X	High	Report No.	
HUMIDITY	Dry	Moderate X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

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BY B. Helwig TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/29/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Helling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 12/02/02

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP:
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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3 File

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/02/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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 2 Field Office
 3 File

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BY

R. Heling

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 12/03/02
DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder. X	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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1 Proj. Mgr.
2 Field Office
3 File

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BY R. Helmy TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/03/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 12/04/02

DAY	S	M	T	W	TH	F	S
				1			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR_URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Mod.	High	Report No.	
Dry	Mod.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

[illegible]

MATERIALS:

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BY

F. Helwig

TITLE

Известок

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/04/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 12/05/02

DAY

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow ✕
To 32	32-50 ✕	50-70	70-85	85+up
Still	Mod. ✕	High	Report No.	
Dry	Mod. ✕	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

[illegible]

MATERIALS:

[illegible]

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BY

F. Heling

" TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/05/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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BY

R. Adling

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/06/07

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 12/9/02

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Moder X	High	Report No:	
HUMIDITY	Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY B. Heling

TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/8/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Helmer

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 12/10/02
DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up

WIND

Still	Moder. X	High	Report No.	
Dry	Moder. X	Humid		

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/10/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Helling

TITLE

Inspector



DATE 12/1/02

DAY

S	M	T	W	TH	F	S
			X			

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

[illegible][illegible]

EQUIPMENT AT THE SITE:	

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3 File

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PROJECT Franklin Cleaners Site (off-site) REPORT NO.

CONSTRUCTION ACTIVITIES:

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2 Field Office
3 File

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DAILY CONSTRUCTION REPORT

DATE 12/12/02

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE _____

[illegible]

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 3 File

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DAILY CONSTRUCTION REPORT

DATE 12/13/02

DAY	S	M	T	W	TH	F	S
-----	---	---	---	---	----	---	---

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks

VISITORS			
Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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PROJECT Franklin Cleaners Site (off-site) REPORT NO.

REPORT NO. _____

NYSDEC # 1-30-050 _____ DATE _____

DATE _____

CONSTRUCTION ACTIVITIES:

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3 File

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BY _____ TITLE _____

BY R. Helming TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE _____

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Helling

TITLE

Inspection



DATE 12/17/02

DAY	S	M	T	W	TH	F	S
			X				

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50 <input checked="" type="checkbox"/>	50-70	70-85	85+up
Still	Moder. <input checked="" type="checkbox"/>	High	Report No.	
Dry	Moder. <input checked="" type="checkbox"/>	Humid		

Name of Contractor	Function	Remarks

Time	Name	Representing	Remarks

[illegible]

BY R. Helmig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/17/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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BY

B. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 12/18/02

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Moder X	High	Report No.	
HUMIDITY	Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/18/02

CONSTRUCTION ACTIVITIES:

No work performed on site

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

B. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 12/18/02
DAY

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Model	High	Report No.	
Dry	Model	Humid		

WIND
HUMIDITY

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
9 } Kilcullen SR		SK Electric	
3 } Kilcullen SR		SK Electric	

VISITORS			
Time	Name	Representing	Remarks
7 ⁰⁰	R. Helbing	D+B	

EQUIPMENT AT THE SITE:	
Backhoe	
MATERIALS:	
3 Rolls 15 KV cable 1025' each.	

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

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BY R. Helbing TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/19/02

CONSTRUCTION ACTIVITIES:

- Preparations for pulling 15 KV-cables.
- Cables will be pulled on Friday.
- Verizon cable has not been delivered.
- Hand over site address for LIPA-application.
- install trailer w. cables
- install pull cable.

DISTRIBUTION

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BY B. Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 12/10/02

DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

TEMP. X

WIND X

HUMIDITY X

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
J Kilcullen SR	JK Electric		
J Kilcullen SR			
T Kilcullen			
J Utsey	ALL STAKE		
M Lowery	ALL STAKE		

VISITORS			
Time	Name	Representing	Remarks
7:00	R. Helming	D+B	

EQUIPMENT AT THE SITE:	
Backhoe	
MATERIALS:	

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BY R. Helming TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/20/02

CONSTRUCTION ACTIVITIES:

- Pulling 15KV-cables to transformer pad.
- All Sticks on site to fix/repair backhoe.

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BY B. Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 12/23/02

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder	High	Report No:	
HUMIDITY	Dry	Moder	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Helwig

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/23/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY

R. Melling

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 12/24/02

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder. X	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

B. Helmy

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/24/02

CONSTRUCTION ACTIVITIES:

No work performed on site

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- 2 Field Office
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BY

B. Hehny

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 12/25/02 (Christmas)

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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- 2 Field Office
- 3 File

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PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE _____

CONSTRUCTION ACTIVITIES:

- Christmas -

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2 Field Office
3 File

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BY _____ TITLE _____



DATE 12/26/02

S	M	T	W	TH	F	S
				X		

PROJECT MANAGER Frank DeVita

HUMIDITY

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast <input checked="" type="checkbox"/>	Rain	Snow
To 32	32-50 <input checked="" type="checkbox"/>	50-70	70-85	85+up
Still	Modest <input checked="" type="checkbox"/>	High	Report No.	
Dry	Modest <input checked="" type="checkbox"/>	Humid		

Name of Contractor	Function	Remarks

[illegible][illegible]

PAGE 1 OF 2 PAGES

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/26/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

R. Helwig

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 12/27/02
DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Helwig TITLE Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/27/02

CONSTRUCTION ACTIVITIES:

No work performed on site

DISTRIBUTION

- 1 Proj. Mgr.
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BY

B. Helwig

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 12/30/02

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

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Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/30/02

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 12/31/02

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

B. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 12/31/02

CONSTRUCTION ACTIVITIES:

No work performed on site

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

R. Helwig

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 01-01-03 New year

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain X	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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- 2 Field Office
- 3 File

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PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 _____ DATE _____

CONSTRUCTION ACTIVITIES:

1 Proj. Mgr.
2 Field Office
3 File

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BY	TITLE

DAILY CONSTRUCTION REPORT

DATE 01-02-03

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>T. Kilcullen</i>	<i>Y.K. Electric</i>	

VISITORS

Time	Name	Representing	Remarks
<i>7¹⁵</i>	<i>R. Heling</i>	<i>D+B</i>	

EQUIPMENT AT THE SITE:

Backhoe
Dumper

MATERIALS:

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

R. Heling

TITLE

Inspector

PROJECT: Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/2/03

CONSTRUCTION ACTIVITIES:

7 K. Electric on site to install temporary phone facility (Verizon)

11¹⁵ Conference call with URS:

F. DeVita / R. Hehling / K. Sullivan / K. Mc Gelligan / T. Stammer.

- Status submittals on RIR - most important to submit: # 36 / 42 / 53
- will receive letter URS

- Dry well statement + per gravel

- D+B indicates that URS has to provide information prior to installation

- Equipment in trailer: URS indicates that trailer will be equipped by 1/10/03

- Cost proposal cylinder tests: URS Friday 11/3/03 per email.
Compression tests: Next week 1/16/03

- Soffits: URS will confirm model number.

- Curing time between footer + walls \Rightarrow Section 3300-14 Item i

- Start Dry well installation Jan 13 2003

- Location 40 ft container D+B will send fax to URS incl sketch.
from Allstate

- D+B requested URS to remove dumpster on parking lot Molloy College

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY B. Hehling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 01-03-03

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear	Overcast	Rain X	Snow X
To 32	32-50 X	50-70	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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 1 Proj. Mgr.
 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/3/03

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 3 File

PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 01-06-03.

DAY	S	M	T	W	TH	F	S
		X	X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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PAGE 1 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 01/06/03

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

B. Helwig

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 01-07-03

DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:-

MATERIALS:

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- 2 Field Office
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BY

B. Halting

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 01/07/08

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
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BY

P. Helmy

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 01-08-03

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Modest X	High	Report No.	
HUMIDITY	Dry	Modest X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION
 1 Proj. Mgr.
 2 Field Office
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PAGE 1 OF ____ PAGES

BY P. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE

01/08/03

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
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BY

B. Helwig

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 01-09-03

DAY

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still X	Moder.	High	Report No.	
Dry X	Moder.	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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- 2 Field Office
- 3 File

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BY

JP. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 01/09/03

CONSTRUCTION ACTIVITIES:

No work performed on site

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
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PAGE 2 OF 2 PAGES

BY

R. Helmy

TITLE

Inspector

DATE 04-10-03

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION
 1 Proj. Mgr.
 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY R. Helling TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 01/10/03

CONSTRUCTION ACTIVITIES:

Schedule for next week as per conversation with R. Mc Gertigan.

*1/14. Tuesday Relocate container
filling depressions staging area.*

1/15 Wednesday excavation dry well + installation

*1/16 Thursday supervisor on site for layout building,
backfilling dry well.*

1/17 Friday excavation building foundation.

20 Monday Triple H foundation reinforcement

21 Tuesday

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BY

B. Helmy

TITLE

Inspector

DATE 01-13-03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast X	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
8 ⁰⁰	R. Heling	DB	
8 ³⁰	K. Mc Gilligan	URS	SSU

EQUIPMENT AT THE SITE:

Backhoe
Dumper

MATERIALS:

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/13/03

CONSTRUCTION ACTIVITIES:

* No work performed on site.

* Discussion about schedule for this week.

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

B. Heling

TITLE

Inspector

DATE 01-04-03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32 X	32-50	50-70	70-85	85+up
Still X	Moder.	High	Report No.	
Dry X	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
	<i>R. Hebling</i> <i>K. Mc Gathigan</i>	<i>D+B.</i> <i>URS</i>	<i>SSU</i>

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

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BY *R. Hebling* TITLE *Inspector*

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/14/03

CONSTRUCTION ACTIVITIES:

Revised schedule week #3:

*Tuesday - grade + roll RCA
- deliver + build trench box*

*Wednesday - no construction
- delivery excavator in afternoon.*

*Thursday - between 8-9 delivery day well.
- start excavation day well.*

Friday - Surveyor on site for building.

DISTRIBUTION

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- 3 File

PAGE 2 OF 2 PAGES

BY Inspector

TITLE

B. Heling

DATE 01-15-03

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32 X	32-50	50-70	70-85	85+up
WIND	Still X	Moder.	High	Report No.	
HUMIDITY	Dry X	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/15/03

CONSTRUCTION ACTIVITIES:

- URS relocated container
- URS repaired RCA in staging area and prepared entrance
- Shield box on site.

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

B. Helwig

TITLE

Inspector

DATE 01-16-03

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
	Name of Contractor	Function	Remarks
	John Utsey	All	Stake.
	MC Lowery	--	--
	Theron Prodes	--	--
	Joe Micozzi	--	--
	Eddie L Williamson	--	--

VISITORS			
Time	Name	Representing	Remarks
07 ⁰⁰	R. Helina	D+B	
07 ⁰⁰	K. Mc Gilligan	URS	55V
07 ³⁰	G. Congemi	URS	55H0

EQUIPMENT AT THE SITE:	
Excavator	CAT 312
Backhoe	
Dumper	

MATERIALS:	
Tag #	
Dry well - base	128193
- Ring	128195 + 128194
- dome	128192
2 Loads of Pea gravel.	

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

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BY R. Helina TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/16/03

CONSTRUCTION ACTIVITIES:

Installation of Day well * Location of day well moved 4' edge towards parking lot hospital adjacent to building (southwards)
* installation of Cortech 1300 geotextile on outside of day-well
* width of base plate is 16" (10" was submitted)
* slot size of smallest openings is 3/4-1" most of them are bigger up to 1-1/2" max 2"

Pro-tech shield box series# 15179
series# 15514

URS collected 2 samples (2x1 Bucket) for gradation testing from bank run pile behind building.

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BY

R. Hebing

TITLE

Inspector

DATE 01-17-03

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32 X	32-50	50-70	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY B. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 11/19/03

CONSTRUCTION ACTIVITIES:

No work performed on site

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Hebling

TITLE

Inspector

DATE 01/20/03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32 X	32-50	50-70	70-85	85+up
WIND	Still	Moder. X	High	Report No.	
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 01/20/03

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY

R. Helwig

TITLE

Inspector

DATE 01/21/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun To 32 X	Clear X 32-50	Overcast 50-70	Rain 70-85	Snow 85+up
TEMP.	Still X	Moder. X	High	Report No.	
WIND	Dry X	Moder. X	Humid		
HUMIDITY					

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
7:00	R. Helwig	T+B	

EQUIPMENT AT THE SITE:

Backhoe
Dumper

MATERIALS:

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3. File

PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 01/21/03

CONSTRUCTION ACTIVITIES:

- Start of excavation building foundation was cancelled.
- URS was for approval from State to install fencing.
- Demobilization of trench box

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

DATE 01/22/03

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
8:00	R. Helwig	D+B	
8:15	H. McCalligan	URS	

EQUIPMENT AT THE SITE:

MATERIALS:

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- 2 Field Office
- 3 File

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 01/22/03

CONSTRUCTION ACTIVITIES:

No work performed on site

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

1/22/03

DATE 01/23/03

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
8 ⁰⁰	R. Heling	D+B	
8 ⁰⁰	M. McCalligan	URS	

EQUIPMENT AT THE SITE:

MATERIALS:

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- 2 Field Office
- 3 File

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BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 01/23/03

CONSTRUCTION ACTIVITIES:

All State was scheduled to move two stockpiles (top soil + bank run) behind building. Activities were cancelled due to problems with Dumper and delayed to Friday

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- 3 File

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BY

R. Helwig

TITLE

Inspector

DATE 01/24/03

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks

VISITORS			
Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:
<u>Transformer delivered.</u>

DISTRIBUTION

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- 2 Field Office
- 3 File

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/24/03

CONSTRUCTION ACTIVITIES:

No work performed on site.
- Lipa delivered transformer

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

B. Helmy

TITLE

Inspector

DATE 1/27/03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>J Kilcullen SR</u>	<u>JK Electric</u>	

VISITORS

Time	Name	Representing	Remarks
<u>08:30</u>	<u>R. Heling</u>	<u>D+B</u>	
<u>09:00</u>	<u>S. Makulis</u>	<u>URS</u>	<u>SSH</u>
<u>01:00</u>	<u>K. Mc Gelligan</u>	<u>URS</u>	<u>SSV</u>

EQUIPMENT AT THE SITE:

<u>Backhoe</u>
<u>Dumper</u>

MATERIALS:

DISTRIBUTION 1 Proj. Mgr.
2 Field Office
3 File

PAGE 1 OF ____ PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/27/03

CONSTRUCTION ACTIVITIES:

- Yk Electric was on site to move transformers but did not have the tools/ utilities to install wires. Yk left site about 10:30 AM.
- Yk's subcontractor was on site to make connection to Riser pole on Franklin Av.
- All State, was not on site. Kevin arrived at 11⁰⁰ AM and called All State asking to stand moving stock piles.

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- 3 File

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BY

M. Helwig

TITLE

Inspector

DATE 1/28/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32 X	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION 1 Proj. Mgr.
 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY B. Helwig TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/28/03

CONSTRUCTION ACTIVITIES:

- Called Kevin and he said All State is moving stockpiles.
- I asked Kevin about schedule following week days and he didn't know yet. He did not know when to start with paving and/or well drilling / surveyor.

DISTRIBUTION

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- 3 File

PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

DATE 1/29/03

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow <u>light</u>
To 32	32-50 X	50-70	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
<u>of</u>	<u>R. Heling</u>	<u>D+B</u>	

EQUIPMENT AT THE SITE:

<u>Backhoe</u>
<u>Dumper</u>

MATERIALS:

DISTRIBUTION

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PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/29/03

CONSTRUCTION ACTIVITIES:

- Lipa was on site and delivered 6 boxes for JK. Called JK and he will be on site Thursday at 10⁰⁰ AM to make installation.
- All Stake on site to move soil stockpiles.
- URS was not on site.
- Placing fence posts was cancelled to Friday January 31 due to snow fall.

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

DATE 01/30/03

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

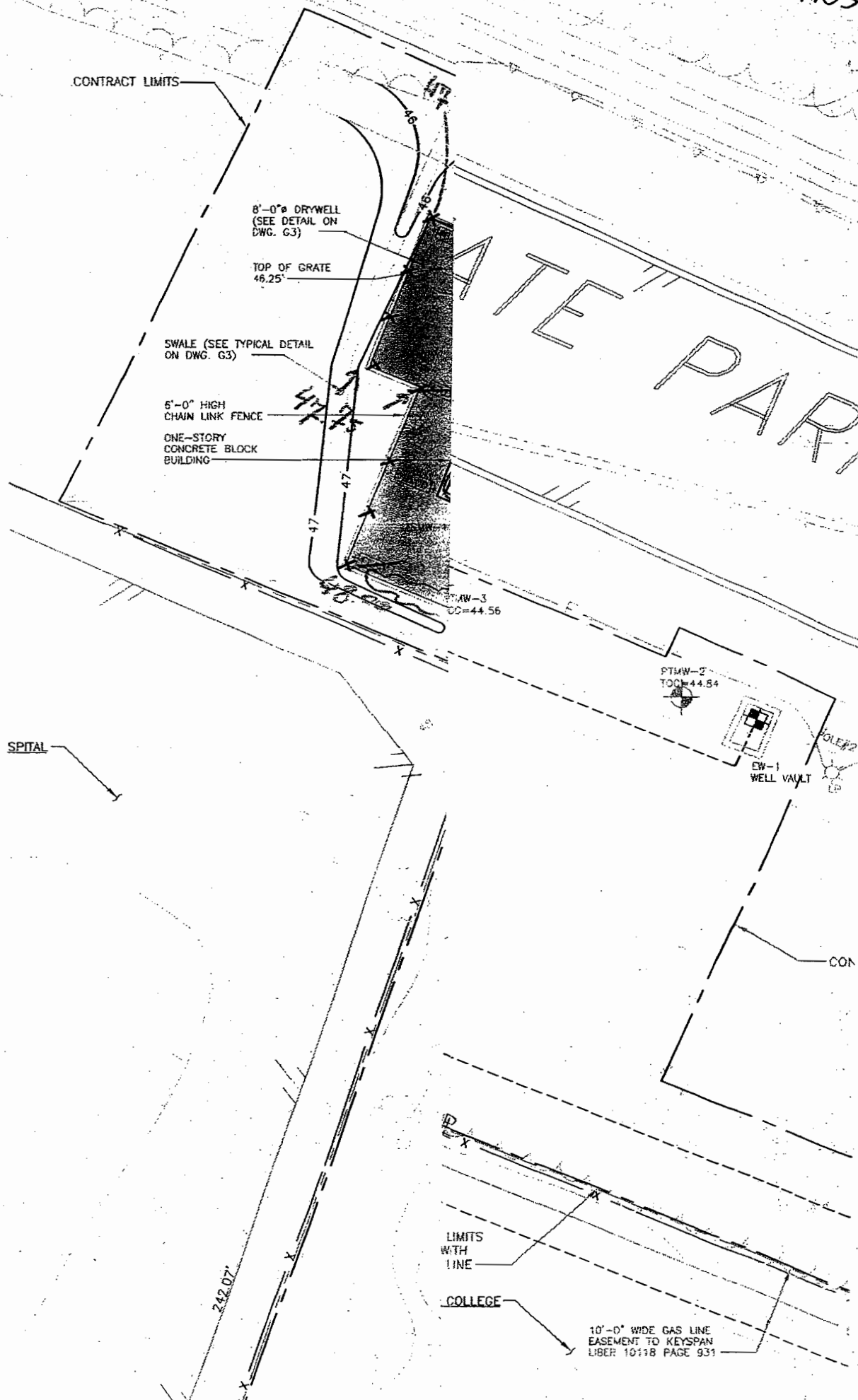
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PAGE 1 OF 2 PAGES

BY B. Gelina TITLE Inspector

01/31/03



DATE 1/31/63

DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
J L Ruiz	Penderosa	
J J. Pero		
J R. Hernandez		
J Zameramo		
J B. Connelt		
MC Lowery	All State	
J Utsey		
J Kilcullen	JK Electric	

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	K Mc Gelligan	URS	SSV
7 ⁰⁰	R. Heling	T+B	
7 ³⁰	G. Gangemi	URS.	SSHO

EQUIPMENT AT THE SITE:

Beckhoe
Dumper
Bobcat + drill eq

MATERIALS:

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- 2 Field Office
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PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/31/03

CONSTRUCTION ACTIVITIES:

- Place fencing posts for permanent fencing
- Line posts along trailer side not placed. Will be done at later date.
- Holes for fence post drilled by bobcat w. drill
- Diameter 14" minimum
- Length all 42" minimum
- Line posts 28" corner posts 28" gate posts 4" galv steel.
- ~~See~~ revised elevations corner posts see drawing attached. Elevations established with Bob Haynie per phone 9:30 AM
- Next to transformer 2 posts not installed for access well drilled to Southton State Parkway.
- JK Electric on site to continue making connections in transformer pad.
- concrete mixer on site 12:38
- 13:30
- mix temperature 55-60°F at delivery
- Survey markers corners of buildings damaged # A+B on the drawing by All State + Concrete mix truck
- Massant on site 14:15 to shoot elevations monitoring wells EW 1 - PTW 1+2+3.
- at 15⁰⁰ PM temperature gauge # 1 50-55°F
- # 2 50-55°F
- plastic sheet on top of ebme apert bay around posts see picture
- URS requested to monitor temperature and provide insulation for protection. Temperature gauges not on site. Gangemi ordered temperature gauge and will install on Saturday and also starting temp monitoring

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
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PAGE 2 OF 2 PAGES

BY R. Heling

TITLE Inspector

DATE 02/03/03

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
C. Strebel B. Wyble	Mobilize Mobilize	onsite @ 1500

VISITORS			
Time	Name	Representing	Remarks
	F. DeVita.	D+B	
	C. Morris	D+B	
	K. Mc Gobbigan	URS	
	G. Gangemi	URS	
	J. Siegel	URS	
	H. Hamajima	NAEVA	
	A. Le Blanc	NAEVA	
			SSN SSHO Geologist.

EQUIPMENT AT THE SITE:	
<u>Dump Truck</u>	
<u>Drill rig</u>	
MATERIALS:	

DISTRIBUTION
 1 Proj. Mgr.
 2 Field Office
 3 File

PAGE 1 OF ____ PAGES

BY C. Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE _____

CONSTRUCTION ACTIVITIES:

No work performed at site. Delta mobilizing equipment to site.

Nacra clearing the areas of ASMW-4,5 for utilities

The locations for ASMW-4,5 are moved closer to the parking lot.

DISTRIBUTION

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PAGE _____ OF _____ PAGES

BY C. Morris TITLE _____

DATE 02/04/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>C. Streebel. Delta</i> <i>B. Wyble. Delta</i>	<i>Drilling</i> <i>Drilling</i>	<i>onsite @ 0740</i>

VISITORS

Time	Name	Representing	Remarks
<i>0700</i>	<i>G. Morris</i>	<i>D+B</i>	<i>Inspector</i>
<i>0700</i>	<i>K. McCalligan</i>	<i>URS</i>	<i>SSU</i>
<i>0700</i>	<i>G. Gargani</i>	<i>URS</i>	<i>SSH</i>
<i>0700</i>	<i>J. Siegel</i>	<i>URS</i>	<i>Inspector</i>

EQUIPMENT AT THE SITE:

Dumper.
Drill rig

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
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PAGE 1 OF ____ PAGES

BY E. Morris

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 02/04/03

CONSTRUCTION ACTIVITIES:

Asmw.5 - Drill to 80' BG. - Split spoon sampling
begins. Samples collected from 80-82, 84-86 and
continuously from 90-108' BG.

DISTRIBUTION

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- 2 Field Office
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BY _____ TITLE _____

DATE 02/05/03

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
C. Staebel. B. Wyble B. Pratt	Driller Driller	

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	H. McGettigan	URS	
7 ³⁰	G. Congemi	"	
0700	J. Siegel	"	
0700	C. Morris	D+B	
8 ³⁰	R. Heling	"	

EQUIPMENT AT THE SITE:

Dumper.
Drill rig.

MATERIALS:

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

PAGE 1 OF 2 PAGES

BY C. Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 02/05/03

CONSTRUCTION ACTIVITIES:

- Split spoon sampling at ASMW-5 continues.
Sampler broke in borehole at 0850. Sampler wasn't
retrieved until 1430. Sampling continued down to
126' continuously.

DISTRIBUTION 1 Proj. Mgr.
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BY _____ TITLE _____

DATE 02/06/03

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
C. Strebel	Delta Well	
B. Wyble	--	
C. Okon	--	
T. Guercia	Pontasassa	
R. Hernandez	--	

VISITORS

Time	Name	Representing	Remarks
	H. Mc Gelligan	URS	55V
	G. Gangemi	URS	55H
	F. De Vita	D+B	
	C. Macias	D+B	
	R. Helling	D+B	

EQUIPMENT AT THE SITE:

Dumper.

Drill rig Delta Well + Pump.

MATERIALS:

DISTRIBUTION

1 Proj. Mgr.

2 Field Office

3 File

PAGE 1 OF ____ PAGES

BY _____ TITLE _____

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 02/06/03

CONSTRUCTION ACTIVITIES:

- Fence fabric installation around ~~the~~ permanent building
- Split spoon sampling ASMW 5
- Discussion about relocation of ASMW 2+3
- ASMW 1 will be installed after construction treatment building
- ASMW-5 - Gamma log complete. Does not show a definitive clay layer. Conversations held with Ken Wenz, T. Maher, F. Devita, J. Siegel, Jeff Tind & T. Gibbons concerning the confining layer and well placement. Decision made to sample continuously to 146' (Down from 0900-1300 - while decision was reached).
- Sample down to 140'

Letter of fence fabric

DISTRIBUTION

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BY _____

TITLE _____

DATE 2/7/13
DAY

S	M	T	W	TH	F	S
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PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow <input checked="" type="checkbox"/>
To 32 <input checked="" type="checkbox"/>	32-50	50-70	70-85	85+up
Still	Moder. <input checked="" type="checkbox"/>	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
	C. Morris	O&B	
	J. Siegel	URS	
	G. Gangemi	URS	

EQUIPMENT AT THE SITE:

<u>Drilling & support equip.</u>

MATERIALS:

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PAGE 1 OF ____ PAGES

BY C. Morris TITLE _____

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE _____

CONSTRUCTION ACTIVITIES:

no work on site. Delta called off work (snow)

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

PAGE 2 OF 2 PAGES

BY C. Morris TITLE Inspector

DATE 2/10/03

DAY

S	M	T	W	TH	F	S
	<input checked="" type="checkbox"/>					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	<input checked="" type="checkbox"/> Moder.	High	Report No.	
Dry	Moder.	<input checked="" type="checkbox"/> Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
C. Strebels B. Wyble B. Devine	Driller Driller Gamma log prep	onsite @ 0745

VISITORS			
Time	Name	Representing	Remarks
	C. Morris	O&B	
	J. Siegel	URS	
	G. Gangemi	URS	

EQUIPMENT AT THE SITE:
Don Ry & support equip.
MATERIALS:

DISTRIBUTION

1 Proj. Mgr.

2 Field Office

3 File

PAGE 1 OF ____ PAGES

BY C. Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE _____

CONSTRUCTION ACTIVITIES:

• Additional augers delivered

Asmw-5 - Split spoons collected from 140-146 (3)
Gamma log performed

Drilling moved to Asmw-4

Drilling begins. - drill to 70' B.G.

Split Spoon sample collected from 70-72'

Conversations held with Ken Wenz, Jeff Tard &
Tom G. bony about the sampling plan for Asmw-4
& where to set the well. The decision was made
to sample at 76-78' & then drill to 110' & set
the well.

DISTRIBUTION

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BY C. Morris TITLE Inspector

DATE 2/11/03

S	M	T	W	TH	F	S
		✓				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
C. Strebel B. Wyble B. Devine	Driller Driller Gamma log Prep.	

VISITORS

Time	Name	Representing	Remarks
0700	C. Morris	O&B	Inspector
0700	J. Siegel	URS	Inspector
0730	G. Gangemi	URS	SS HO

EQUIPMENT AT THE SITE:

Drilling & support equipment

MATERIALS:

DISTRIBUTION

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2 Field Office

3 File

PAGE 1 OF ____ PAGES

BY _____ TITLE _____

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE _____

CONSTRUCTION ACTIVITIES:

AsmW-4 Split spoon collected 76-78'

Drill to 110'

Gamma log performed

Well installed @ 110' BG 1 10' 20 slot stainless steel screen
10' 10' Schedule 40 PVC riser

Sand pack installed

#1 Sand to 96.5'

#00 Sand to 96'

DISTRIBUTION

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BY Chris Morris TITLE Inspector

DATE 2/12/03

DAY

S	M	T	W	TH	F	S
				✓		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
C. Stroebl B. Wyble	Driller Driller	

VISITORS			
Time	Name	Representing	Remarks
0700	C. Morris	D&B	Inspector
0700	J. Siegel	URS	Inspector
0800	G. Gangemi	URS	SS H0
0730	K. McBethigan	URS	SS V

EQUIPMENT AT THE SITE:
Drilling & support equipment
MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF ____ PAGES

BY Chris Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE _____

CONSTRUCTION ACTIVITIES:

As MW-4

- Bentonite slurry installed ~ 4' thick
- Cement bentonite grout installed to surface

Rig moved back to Asmw-5

- 4' of heave in augers - Delta clearing it out
- Bentonite chips installed from bottom approx. 144-134'
- #1 sand installed ~ 134-132'
- Well installed from 123-133'
- #1 sand to 120'
- #00 sand to 119'

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

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BY C. Morris

TITLE Inspector

DATE 2/13/03

DAY	S	M	T	W	TH	F	S
					<input checked="" type="checkbox"/>		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>C. Strebel</u> <u>B. Wyble</u>	<u>Driller</u> <u>Driller</u>	

VISITORS

Time	Name	Representing	Remarks
<u>0700</u>	<u>C. Morris</u>	<u>D&B</u>	<u>Inspector</u>
<u>0700</u>	<u>J. Siegel</u>	<u>URS</u>	<u>Inspector</u>
<u>0715</u>	<u>G. Gangemi</u>	<u>URS</u>	<u>SS HO</u>
<u>0745</u>	<u>K. McGottigan</u>	<u>URS</u>	<u>SSU</u>

EQUIPMENT AT THE SITE:

<u>Drilling & support equipment</u>

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY C. Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE _____

CONSTRUCTION ACTIVITIES:

ASMW-5

Bentonite slurry installed to approx 110'
6" #00 sand installed.
Borehole grouted to surface.

DISTRIBUTION

- 1 Proj. Mgr.
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- 3 File

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BY C. Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE _____

CONSTRUCTION ACTIVITIES:

Work area around ASMW-4,5 broken
down. All equipment moved to trailer area.

All down hole equipment deconed

The three bare spots on the athletic
field to be drilled to 10' are located
under the snow.

Delta attempts to install well boxes, but
the ground is too frozen. Area is secured.

DISTRIBUTION

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BY Chris Morris TITLE Inspector

DATE 2/24/03
DAY

S	M	T	W	TH	F	S
	✓					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up

WIND

Still	Moder.	High	Report No.	
✓				

HUMIDITY

Dry	Moder.	Humid		
	✓			

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
Conrad Strebel Brian Wyble	Driller Driller		

VISITORS			
Time	Name	Representing	Remarks
0700	Chris Morris	URS D&B	Inspector
0750	Joel Siegel	URS	Inspector
0730	Greg Gangemi	URS	H&S O
0900	Frank DeVita	D&B	offsite @ 1000

EQUIPMENT AT THE SITE:
Drill rig & support equipment
MATERIALS:

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

PAGE 1 OF 2 PAGES

BY Chris Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 2-24-03

CONSTRUCTION ACTIVITIES:

0700 - Delta onsite.

Downhole hammer on back of rig damaged, likely from snow plow.

Delta planning to drill 3 holes in Molloy College athletic field (at J. Molteni request) G. Gangemi (URS H#50) calls off work on athletic field due to icy conditions on the field.

0915 Delta planning to setup at Asmw-2. Bobcat clearing area. G. Gangemi asks Delta not to move rig until he takes photos of damaged equipment. 0940 - photos taken.

1010 New downhole hammer delivered

1035 Delta setting up on Asmw-2

1115 Begin drilling

1200 Augers at 60' - Lunch

1230 Return from lunch - Delta filling water tank on support truck

1320 Resume drilling

1335 C. Strehel informs us that a hard layer encountered at ~73.5'

Sample collected 73.5-75.5'

Drill to 80'

Samples collected from 80-82, 84-86, & 88-90'

1505 Delta cleaning up work area

1530 Leave site. (cm & Delta)

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAC

BY Chris Morris

TITLE Inspector

DATE 2/25/03

DAY

S	M	T	W	TH	F	S
		✓				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Conrad Strebel Brian Wyble Brian Devine	Driller Driller Gamma log prep.	

VISITORS

Time	Name	Representing	Remarks
0700	Chris Morris	D & B	Inspector
0700	Joel Siegel	URS	Inspector
0840	Greg Gangemi	URS	H & S O
0830	Kevin McGettigan	URS	Site supervisor

EQUIPMENT AT THE SITE:

Drill rig & support equipment

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY Chris Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO.

NYSDEC # 1-30-050

DATE

2/25/03

CONSTRUCTION ACTIVITIES:

0700 URS & Delta onsite. - Delta filling water tank
~1' of heave in augers - Delta clearing out augers.

0800 Sampling begins - Sampling intervals 90-92', 92-94',
94-96', & 96-98'

0945 Gamma log equipment arrives

1120 Gamma log complete.

The decision was made to set the well at 90' BG (screen
80-90').

1220 Augers pulled to 90' BG. Bentonite pellets to be installed
from bottom of borehole ~96' BG up to ~92' BG.

- Approx. 4' of heave in borehole. Delta attempting to
clear out borehole.

1245 - Main cable jumped off spool. Delta crew
attempting repair.

1415 Repair complete. Delta crew attempting to remove
heave from borehole.

1500 Running sands continually heaving into augers making
it impossible to install bentonite pellet seal. Conversations
were held with Joel Siegel about how to install
bentonite seal. I suggested drilling back down into the
clay ~95-96' BG and pulling back to ~93' (still in the
clay), therefore leaving an open hole to install bentonite seal.
Joel agreed with the suggestion and informed Delta of
the plan. Delta to begin tomorrow.

1520 cm & Delta offsite.

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY Chris Morris

TITLE Inspector

DATE 2-26-03

DAY	S	M	T	W	TH	F	S
					<input checked="" type="checkbox"/>		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Conrad Strebel	Driller	
Brian Wyble	Driller	

VISITORS

Time	Name	Representing	Remarks
0700	Chris Morris	D&B	Inspector
0700	Joel Siegel	URS	Inspector
0700	Greg Gangemi	URS	H&SO
0700	Kevin McGottigan	URS	Site Supervisor

EQUIPMENT AT THE SITE:

Drilling & support equipment

MATERIALS:

DISTRIBUTION

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PAGE 1 OF 2 PAGES

BY Chris Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO.

NYSDEC # 1-30-050

DATE 2/26/03

CONSTRUCTION ACTIVITIES:

- Delta drilled back down to 95.5' & then pulled back augers to 93'. Bailer used to clear out space beneath augers to approx 95.5' - Bentonite pellets dropped into augers. Pellets extended from 95.5' up to 3" inside augers. Delta planning to attempt to install well from 80-90' & knock the bentonite in the augers out.
- Bentonite has swelled up 2' inside augers making it impossible to install the well. Joel Siegel suggests using the larger split spoon to clear out bentonite - Several attempts made & bentonite is removed from augers. Bentonite seal below augers ~ 95.5' - 92.4' BG.
- Delta sets "hangs" well at 90' BG and ~~has~~ begins installing #1 Sand pack. The 1st auger was removed successfully, however as the ~~see~~ 2nd auger was being pulled the well began to lift up. Conrad S. said that the split spoon did not remove all of the bentonite in the augers. Some remained against the walls which along with the sand has now locked up the screen.
- 1100 - ~~the~~ Augers & PVC & screen need to be removed & hole redrilled. Hole to be drilled in the same location with a plate at the bottom of the augers.

1200 Augers out of borehole

Bottom auger & screen steamcleaned to remove bentonite.
Finished at 1300

1405 Delta attempted to install the well boxes at Asmw-4.5
Ground too frozen.

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGE

BY Chris Morris

TITLE Inspector

DATE 2/27/03

DAY

S	M	T	W	TH	F	S
					✓	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
C. Strebel		Driller	
B. Wyble		Driller	
VISITORS			
Time	Name	Representing	Remarks
0700	C. Morris	D&B	Inspector
0700	J. Siegel	URS	Inspector
0900	G. Gangemi	URS	H&S O
1310	F. DeVita	D&B	Project manager

EQUIPMENT AT THE SITE:	
Drilling & support equipment	
MATERIALS:	

DISTRIBUTION

1 Proj. Mgr.

2 Field Office

3 File

PAGE 1 OF 2 PAGES

BY Chris Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 2/27/03

CONSTRUCTION ACTIVITIES:

ASMW-2 - redrilled well installed to 90' BG (80-90' screen)
Sand pack & bentonite seal installed
Well is grouted to surface with cement/bentonite grout

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY Chris Morris

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 2/28/03

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder. X	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

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PAGE 1 OF ____ PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 2/28/03

CONSTRUCTION ACTIVITIES:

No work performed due to snow forecast on Friday

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY R. Hebing

TITLE Inspector

DATE 3/3/09

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Wiley Robert Joyce Jim Shurt Conrad Strebel Brian Wyble	ALL Stake. Dem. Buckle ties. -- Driller Driller	

VISITORS

Time	Name	Representing	Remarks
7:00	K. McGarryan	URS	
7:30	G. Gungem	URS	
7:00	R. Helwig	D+B	
7:00	C. Morris	D+B	
6:00	F. DeVita	D+B	
8:00	J. Siegel	URS	

EQUIPMENT AT THE SITE:

<u>Backhoe</u>
<u>Bobcat</u>
<u>Drill rig</u>
<u>Dumper</u>

MATERIALS:

<u>1</u>

DISTRIBUTION

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- 2 Field Office
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PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/3/03

CONSTRUCTION ACTIVITIES:

12:20 Confirmation from WRIS that excavation and concrete is cancelled for this afternoon and tomorrow.

- 3 holes (~10.5' depth) drilled on the Molloy college athletic field as per Molloy's request.

• Asmw-3 begun augers advanced to 90' B.G. Split spoons collected from 88-90, 90-92' B.G. The well is to be set at 90' B.G. (80-90' screen)

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY Chris Morris

TITLE Inspector

DATE 3/4/03

DAY	S	M	T	W	TH	F	S
			✓				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Conrad Strebel	Driller	
Brian Wyble	Driller	

VISITORS

Time	Name	Representing	Remarks
0700	Chris Morris	O&B	
0700	Joel Siegel	URS	
0700	Greg Gangemi	URS	
0900	Kevin McBethigan	URS	

EQUIPMENT AT THE SITE:

Drill rig & support equipment

MATERIALS:

DISTRIBUTION

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- 3 File

PAGE 1 OF 2 PAGES

BY Chris Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/4/03

CONSTRUCTION ACTIVITIES:

- Asmw-3 installed at 90' BG. Screen 80-90' Sand pack, bentonite slurry & cement bentonite grout installed
- Well box installed at Asmw-5. Air hammer used to remove frozen soil around Asmw-4 & 5. Sprinkler line cut approx. 18" from Asmw-4. Line needs to be repaired prior to installation of well box. Line to be repaired tomorrow

DISTRIBUTION

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BY Chris Morris

TITLE Inspector

DATE 3/5/03

DAY	S	M	T	W	TH	F	S
				<input checked="" type="checkbox"/>			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
Conrad Stoebel Brian Wyle	Driller Driller	

VISITORS			
Time	Name	Representing	Remarks
0700	Chris Morris	D & B	
0700	Joel Siegel	URS	
0800	Greg Gansel	URS	
1200	Kevin McGettigan	URS	

EQUIPMENT AT THE SITE:	
Drilling & support equipment	
MATERIALS:	

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BY Chris Morris TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE _____

CONSTRUCTION ACTIVITIES:

- Equipment decan (steam)
- well box at ASMW-4 installed. Sprinkler line repaired

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
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PAGE _____ OF _____ PAGES

BY _____ TITLE _____

DATE 03/10/03

DAY

S	M	T	W	TH	F	S
	<u>α</u>					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear <u>α</u>	Overcast	Rain	Snow
To 32	32-50 <u>α</u> <u>PH</u>	50-70	70-85	85+up
Still <u>α</u>	Moder. <u>α</u>	High	Report No.	
Dry	Moder. <u>α</u>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>E Olsen</u>	<u>Dura form</u>	
<u>S Machado</u>	<u>-</u>	
<u>A Constantino</u>	<u>-</u>	
<u>S Ferrera</u>	<u>-</u>	
<u>J Ramirez</u>	<u>-</u>	
<u>J Trevis</u>	<u>-</u>	

VISITORS

Time	Name	Representing	Remarks
<u>7:00</u>	<u>S Morales</u>	<u>URS</u>	
<u>7:00</u>	<u>K Mc Gethigan</u>	<u>URS</u>	
<u>7:00</u>	<u>R. Helwig</u>	<u>D+B</u>	
<u>9:15</u>	<u>F De Vita</u>	<u>D+B</u>	

EQUIPMENT AT THE SITE:

- Backhoe (2)
- Dumper
- Drill rig

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
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PAGE 1 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/10/03

CONSTRUCTION ACTIVITIES:

- * start excavation for building foundation + valve vault, and grading for rebar installation.
- * 1 layer of blankets in bottom of excavation and valve vault
- * steps will be established on Tuesday morning.
- * Rebar inspection scheduled for Wednesday morning.
Concrete placement - - - - - > 11 AM
- * Talked to Phil Sachs about coating for wet well. Section 3400 Kop coat applies for exterior and Section 9821 applies for the interior of wet well.
Section 9821 supersedes Section 3400 regarding interior part of coating.
- * Pipe sleeves

	ID	Length
1 discharge 3"		31
2 wet well 4"		12
1 air wetwell 4"		12
1 sump pump 1 1/4"		12
2 influent 2"		12

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PAGE 2 OF 2 PAGES

BY B. Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 3/1/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
T. Kilcullen	JK Electric.	
J. Gress	Dura form	
J. Ramirez	-	
A. Constantino	-	

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	K. McGiligan	URS	
7 ⁰⁰	G. Gernami	URS	
7 ⁰⁰	R. Heling	D+B.	

EQUIPMENT AT THE SITE:

- Backhoe (2)
- Dumper
- Drill rig
- Bobcat

MATERIALS:

- Retar material. delivered
- form work material.

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PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

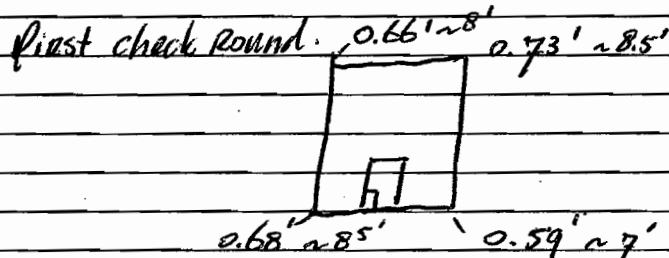
REPORT NO. _____

NYSDEC # 1-30-050

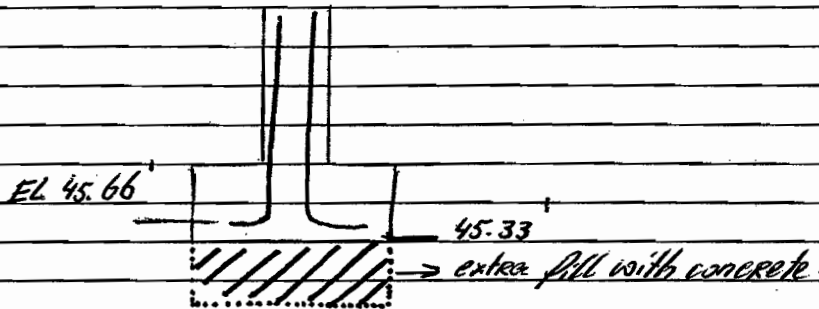
DATE 3/11/03

CONSTRUCTION ACTIVITIES:

- 5K on site to install E-wires in trailer + connection beams former → trailer.
 - continue with rebar and form installation
 - @ 11^{AM} double check elevations corner of building. Result is that overall cantabration elevation is ~ 8" too low.
- Discussion w. FD + TS to find resolution
Subcontractor continues grading and installing footsteppers + levelling forms + start bending reinforcing steel.



Final resolution fill overcut with extra concrete (12' x 8" ~ 20") and maintain rebar mat at same elevation as it was by drawings. (see attached sheet URS for details)



leaving site @ 6:00 pm.

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BY R. Helmig

TITLE Inspector

DATE 3/12/03

DAY	S	M	T	W	TH	F	S
			<u>X</u>	<u>X</u>			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50 <u>AM</u>	50-70 <u>PM</u>	70-85	85+up
WIND	Still <u>X</u>	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. <u>X</u>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>JS Nachucko.</u>	<u>Dueaform</u>	
<u>A Constantino</u>	-	
<u>B Eres</u>	-	
<u>J Ramier.</u>	-	
<u>F Reis</u>	-	
<u>S Ferreira.</u>	-	
<u>TR Moniz.</u>	-	
<u>J Casey</u>	<u>Cross Ready Mix</u>	

VISITORS

Time	Name	Representing	Remarks
	<u>R. Heling</u>	<u>D+B</u>	
	<u>D. Moran</u>	<u>D+B</u>	
	<u>K. McGelligan</u>	<u>URS</u>	
	<u>T Stammer</u>	<u>URS</u>	
	<u>G. Gangemi</u>	<u>URS</u>	
	<u>V. Rodrigues</u>	<u>Tectonic</u>	
	<u>J. Wagner</u>	<u>Envirotec</u>	
	<u>K. Sullivan</u>	<u>URS</u>	

EQUIPMENT AT THE SITE:

<u>Backhoe (2)</u>
<u>Dumper</u>
<u>Drill Rig</u>
<u>Bobcat</u>

MATERIALS:

<u>2 loads of concrete mix. 12+7 yd³</u>

DISTRIBUTION
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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/12/03

CONSTRUCTION ACTIVITIES:

Finalize rebar installation + inspection by Dennis Moran.

12:55 12 yd³ concrete mix.

Field test results Tectonic - Temperature 63 °F
- Slump 25-3"
- Aircontent 5.3 %

1:30 start placement concrete.

2:15 finish first load.

2:45 7 yd concrete mix on site.

3:20 finish second load.

4:00 cover foundation footers with blankets and valve vault floor and sump pit with plastic sheet and blankets

5:00 leaving site.

Tectonic per formed Temperature slump and air content measurements and 6 cylinder tests for 5+7+28 day break tests; 2 for each break. Cylinders stored on site on transformer pad and covered with 1 layer of blankets

Floor valve vault has a $\frac{3}{4}$ " pitch towards sump pit in both directions.

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- 3 File

PAGE 2 OF 2 PAGES

BY R. Helwig

TITLE Inspector

DATE 3/13/03

DAY	S	M	T	W	TH	F	S
					<u>X</u>		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

<u>delivery of formwork for building walls.</u>

DISTRIBUTION

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PAGE 1 OF 2 PAGES

BY

B. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/13/03

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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- 3 File

PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

DATE 3/14/03

DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

TEMP. 40 70

WIND X

HUMIDITY X

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
H. Nivvika	Duraform		
F. Reis			
J. Fress			
S. Ferreira			
A. Constantino			

VISITORS			
Time	Name	Representing	Remarks
7 ¹⁰	R. Heling	D+B	
7 ⁰⁰	K. McCattigan	URS	SSV
12 ⁴⁰	S. Morales	URS (12.30)	SSHO

EQUIPMENT AT THE SITE:	

MATERIALS:	
delivery of wet well	

DISTRIBUTION

1 Proj. Mgr.

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PAGE 1 OF 2 PAGES

BY: R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/14/03

CONSTRUCTION ACTIVITIES:

Lipa on site. no electricity yet

JK Electric on site to pull wire from transformer → trailer

@ 9:30 AM footer forms were already removed. Obviously by Duraform on Thursday. I asked Kevin and he said that forms were removed on Thursday by Duraform.

Duraform on site to install rebar for building walls on east, north and west sides of building.

Wet well delivered at site, hatch opening top not in accordance with local Drawing 68. Discussed with Frank, and pictures taken and sent to F DeVita

Leaving site @ 4:00 Duraform.

Meeting w. F DeVita on site @ 4:15 pm to go over wet well.

Top part of wet well



rotation hatch not in accordance with drawing 68 (see pictures for details)
Kevin informed on Monday March 17 2003.

DISTRIBUTION

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- 3 File

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BY

R. Helwig

TITLE

Inspector

DATE 3/17/03
DAY

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70 <input checked="" type="checkbox"/>	70-85	85+up
Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
Dry	Moder. <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
A Constantino	Dura form	
H Oliveira	-	
F Reis	-	
M Mendonca	-	
J Machado	-	
S Ferrero	-	

VISITORS

Time	Name	Representing	Remarks
7:30	G. Gangeni	URS	SSHO
7:00	R. Heling	T+B	
7:45	K. Mc Gettigan	URS	SSU
10:30	S Morales	URS	
11:20	J Paul	Fectom.	
	M Azor	Dis Corp	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/17/03

CONSTRUCTION ACTIVITIES:

- Well well painted from outside on Sunday 3/16/03 with Butimastic 300 M coating; second paint on Monday
- @ 11:25 am pick up concrete cylinders by Tectonix for 5-day break test
- Continue with Rebar installation on South side and valve vault.
- Install forms on West East + North side.
- 5 day cylinder break test results

I	3660 psi	92%
II	3520 psi	88%
- Concrete placement scheduled for Tuesday March 18 2003 @ 1 pm

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY R. Helwig

TITLE Inspector

DATE 3/18/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 <input checked="" type="checkbox"/>	70-85	85+up
WIND	Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
A. Constantino		Duraform	
A. Gregos			
J. Teresi			
J. Marchak			

VISITORS			
Time	Name	Representing	Remarks
07 ⁰⁰	R. Helmig	D+B	
07 ³⁰	D. Moran	D+B	
07 ²⁰	K. Mc Gethigan	URS	
07 ³⁰	G. Gangemi	URS	

EQUIPMENT AT THE SITE:

MATERIALS:
delivery of containment island.

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 3 File

PAGE 1 OF 2 PAGES

BY R. Helmig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/18/03

CONSTRUCTION ACTIVITIES:

- @ 7²⁰ told me that concrete placement is delayed till Wednesday March 19 @ 9⁰⁰ am.
- Duea form on site to make adjustments in rebar and place pipe sleeves per Dennis Moran.
- Concrete placement scheduled for Thursday March 20
- Massand Surveyor at site to check elevations set elevations for pipe sleeves.

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PAGE 2 OF 2 PAGES

BY R. Helwig

TITLE Inspector

DATE 3/19/13

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still X	Moder X	High	Report No.	
Dry	Moder X	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
A Constantino	Duraform	
J Teres		
R Muniz		
E Olsen	AGE	
J Machado	Duraform	
R Hagan	Precast	

VISITORS			
Time	Name	Representing	Remarks
7:00	R Helmy	D+B	
7:00	K Mc Gelligan	URS	
7:00	G Gargemi	URS	
	K Sullivan	URS	
	T Stamler	URS	
	J Tread	NYSDEC	
	J Kilcallan		

EQUIPMENT AT THE SITE:

MATERIALS:

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BY P. Helmy TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/19/13

CONSTRUCTION ACTIVITIES:

- Precast Manufacturer on site to pick up top part of wet well.
- Lipa on site to perform final connection.
- Duraform on site to install forms south side + valve vault.
- Project progress meeting @ 11:30 am.
- Concrete placement on Thursday @ 1:00 pm.
- Greg took samples for analysis soil ground water monitoring wells.

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BY

B. Helwig

TITLE

Inspector

BY P. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/20/03

CONSTRUCTION ACTIVITIES:

- * Finalizing form work for building walls and concrete placement @ 1.p.m.
- * Tectonix on site to perform cylinder testing and field tests
- * Monday form removal and start backfilling.
- * Mix design: winter mix, TRIPLE H/B ROSS.
- * Concrete covered with 1 layer of blankets.
- * Tectonix scheduled for cylinder pick up on Monday and standard D698 analysis.

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BY R. Helmy TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 3/21/03

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks

VISITORS			
Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:
<u>Backhoe, Dumping truck</u>

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 3/21/03

CONSTRUCTION ACTIVITIES:

No work performed on site.

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BY B. Hilling TITLE Inspector

According to URS' progress schedule as submitted on March 12, 2003,
the following items are due by today Monday, March 24, 2003:

ID	Due Date	Item	Rev. date
• 30213	03-06-03	Delivery of wet well	
• 20170	03-07-03	Obtain Road opening permit	
• 40830	03-10-03	Delivery of VV Sump Pump	
• 30160	03-11-03	Delivery of roofing material	
• 30170	03-11-03	Delivery of fascia supplies	
• 30670	03-11-03	Delivery of waterproofing	
• 30215	03-11-03	Install wet well	
• 40900	03-11-03	Install jet pump and water tank	
• 30161	03-12-03	Supply of shingle maintenance material	
• 30021	03-12-03	Rebar mill certificates	
• 20080	03-13-03	Excavate effluent pipe line	
• 30140	03-13-03	Delivery of masonry materials	
• 30190	03-13-03	Delivery of Entrance Door	
• 40005	03-13-03	Delivery of mini float switch	
• 30150	03-18-03	Delivery of roof truss	
• 40016	03-18-03	Deliver Variable Frequency drives	
• 40071	03-18-03	Delivery of expansion anchors	
• 40079	03-18-03	Delivery of submersible pumps	
• 40370	03-18-03	Deliver piping, valves & ancillary eq.	
• 40373	03-18-03	Deliver large valves	
• 30031	03-20-03	Submit cert. matl sources 3300-1.3	
• 40100	03-20-03	Deliver pressure blower	
• 40430	03-24-03	Install sump pump rungs & Grate in vault	
• 40840	03-25-03	Install sump pump in valve vault	

CONTRACT LIMITS

8'-0" DRYWELL
(SEE DETAIL ON
DWG. G3)

TOP OF GRATE
46.25'

SWALE (SEE TYPICAL DETAIL
ON DWG. G3)

6'-0" HIGH
CHAIN LINK FENCE

ONE-STORY
CONCRETE BLOCK
BUILDING

2" SDR 26
PVC TO AIR
STRIPPER
(TYP)

TREATMENT
SYSTEM
BUILDING

SPITAL

YARD WASTE DISPOSAL
AREA

area forms removed

coated walls.

46

47

48

47.0

S68°00'35"E

242.07'

- area forms removed
- coated walls.

DATE 3/24/03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
<i>Raff Bavo</i> <i>Jose Teress</i> <i>Abel Grass</i>		<i>AGE</i> <i>Duraform</i>	

VISITORS			
Time	Name	Representing	Remarks
<i>7:00</i> <i>8:30</i>	<i>R. Helwig</i> <i>G. Gangemi</i> <i>K Mc Colligan</i>	<i>D+B</i> <i>URS</i>	

EQUIPMENT AT THE SITE:

MATERIALS:
<i>Backhoe, jumping jack</i>

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BY *R. Helwig* TITLE *Inspector*

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/24/13

CONSTRUCTION ACTIVITIES:

- * Removal of formwork building walls and put coating on foundation walls
Material Coating: Foundation Coating - non fibreated Asphalt Coating.
- * Tectonic on site to collect concrete cylinders and sample
from discharge trench for proctor sample.
- * Perform sampling 5 gallon bucket for proctor test
- 1'-4' feet deep @ 2 point along trench.

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BY

R. Helwig

TITLE

Inspector

DATE 3/25/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	<u>Clear</u>	Overcast	Rain	Snow
TEMP.	To 32	32-50	<u>50-70</u>	70-85	85+up
WIND	Still	<u>Model</u>	High	Report No.	
HUMIDITY	Dry	<u>Model</u>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>KEVIN McGettigan</u> <u>Ralph RAUD</u> <u>JOSE Torres</u> <u>Abel Grass</u>	<u>Project Superintendent</u> <u>Operator</u> <u>Laborer</u> <u>Laborer</u>	<u>URS</u> <u>AGE</u> <u>Dura form</u> <u>Dura form</u>

VISITORS

Time	Name	Representing	Remarks
<u>8:30</u>	<u>Frank DeVita</u> <u>Robert Heling</u>	<u>D+B</u> <u>D+B</u>	<u>Inspection Services</u> <u>Inspection Services</u>

EQUIPMENT AT THE SITE:

CAT 426C Backhoe, Pyrohoe 190 Backhoe, GMC Pump Truck w/
plow, Pull Rig, GMC Diesel (4000) support truck (Duraform), Ingersoll
Rand Bx-8 plate compactor, T70 potable water truck,
New Holland LS150 Bobcat

MATERIALS:

Foundation wall forms, IPEx Rigid 2" PVC conduit (400'),
Containment island, Bottom ring of wet well, 4" Augers (~18 total)
55 gallon drums of drill cuttings (~29 total), Empty 55 gallon Drums (~5 total)
100 lb bags of well gravel (~10 total), safety supplies (cones, signs, etc.)

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BY Frank DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/25/13

CONSTRUCTION ACTIVITIES:

- Backfilling activities began in areas surrounding the newly installed foundation wall. Contractor was notified of the following:
 - MAXIMUM 8" lift thickness
 - Use of plate compactor - (MINIMUM 3 PASSES PER LIFT)
 - REMOVAL of organic materials (roots, sticks, etc) from the pile designated as select / general fill.

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BY Frank DeVita TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 3/26/03

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 3/26/03

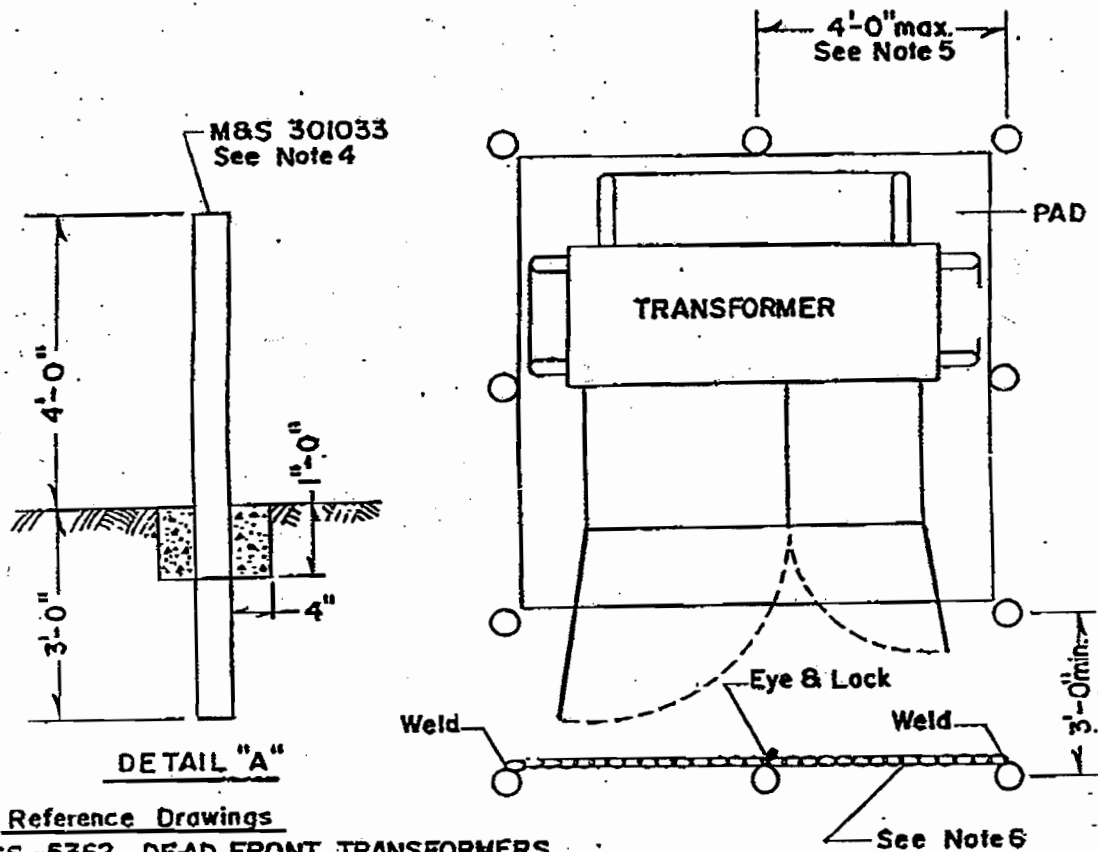
CONSTRUCTION ACTIVITIES:

No construction on site.

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BY _____ TITLE _____

**Notes:**

1. This standard provides recommended barrier protection for pad mounted equipment subject to vehicular traffic.
2. Posts may be omitted on side(s) not subject to vehicular traffic.
3. Barriers must not interfere with the operation of pad mount equipment by LILCO personnel.
4. A 3 1/2" heavy wall steel, concrete filled lally column purchased from local lumber yards is acceptable. Bearing plates must be removed. Set posts in concrete (see detail "A").
5. Install additional posts on sides or back as required to maintain maximum 48" spacing.
6. If spacing between front posts is greater than 48", install two 3/8" galvanized chains of sufficient length to be welded to outer posts and reach a link or eye welded to center post. Chain will be locked with LILCO supplied padlock.

DRAWN BY: <i>ETK</i> APPROVED: <i>[Signature]</i> DATE: 8-18-75 LONG ISLAND LIGHTING COMPANY	REVISION 4.03/25/90-CHGD.SHT. NOS. & TITLE	TITLE TRANSFORMER INSTALLATION AND HOUSING CONSTRUCTION PAD AND ENCLOSURE HOUSED PROTECTION FOR PAD MOUNT TRANSFORMER, SUBJECT TO VEHICULAR TRAFFIC	CS			REVW DATE 09-90
			NO	SHEET	REV	
			5369	1 of 1	4	

DATE 3/27/13

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 X	70-85	85+up
WIND	Still	Mod. X	High	Report No.	
HUMIDITY	Dry	Mod. X	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
y Kilcullen SR. y Kilcullen JR.	JK Electric. " "		
VISITORS			
Time	Name	Representing	Remarks
7:00 7:00	R. Helwig. G. Gungami	D+B URS	Inspection services. 5540

EQUIPMENT AT THE SITE:
MATERIALS:
Delivery of top riser wet well casting for wet well day well. (Wednesday). link seals.

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

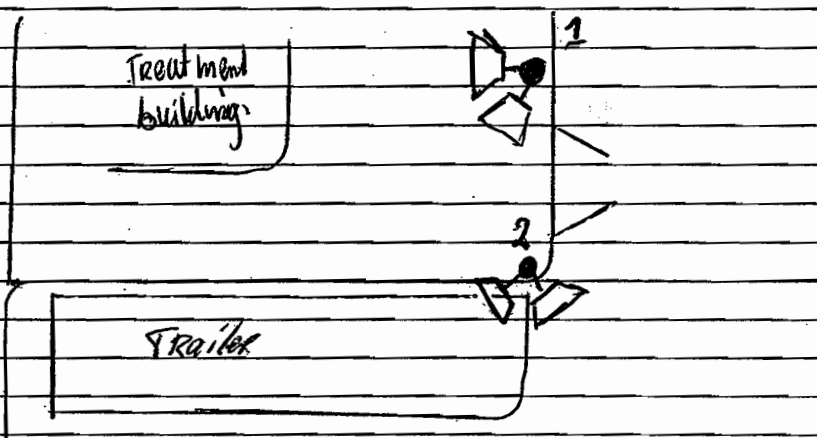
REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/27/13

CONSTRUCTION ACTIVITIES:

- * Installation of two (2) security lighting poles.
- * Each pole has 2, 250 W high pressure sodium lamps.
- * - is approx 30 Ft long (5 ft buried, 25 above ground)



- * JK sent fax with LIPA requirements for bollard installation around transfer pad.
- * M. Neuberger reviewed the requirements and had no objections.
- * Send out sample for moisture density test via E. Bongemi. He took the sample and sent per Felix to Techlog.
- * The Contractor notified that if he wants results by Friday, it will be a rush job and there will be an extra charge. WRS (K. Mc. Balthazar) agreed and ordered to go ahead.

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BY R. Helwig

TITLE Inspector

- 30261 03-20-03 Submit pipe bedding mat 2200-1.3B1
- 40100 03-20-03 Deliver pressure blower
- 40430 03-24-03 Install sump pump rungs & Grate in vault
- 40840 03-25-03 Install sump pump in valve vault
- 40011 03-27-03 Deliver Flowmeter

Activities not shown on URS' Progress Schedule:

- Delivery of flow meter vault
- Delivery of well vaults
- Installation of flow meter vault
- Installation of well vaults
- Painting/coating inside building/concrete slab
- JK Electric's schedule

According to URS' progress schedule as submitted on March 12, 2003,
the following items are due by today Friday, March 28, 2003:

ID	Due Date	Item	Rev. date
• 40890	03-05-03	Delivery Jet pump & WT	
• 40950	03-05-03	Deliver sink & Drum	
• 30213	03-06-03	Delivery of wet well	
• 20170	03-07-03	Obtain Road opening permit	
• 90070	03-07-03	Delivery of gate	
• 40830	03-10-03	Delivery of VV Sump Pump	
• 30160	03-11-03	Delivery of roofing material	
• 30170	03-11-03	Delivery of fascia supplies	
• 30670	03-11-03	Delivery of waterproofing	
• 30215	03-11-03	Install wet well ✓	
• 40900	03-11-03	Install jet pump and water tank	
• 30161	03-12-03	Supply of shingle maintenance material	
• 30021	03-12-03	Rebar mill certificates	
• 20080	03-13-03	Excavate effluent pipe line	
• 30140	03-13-03	Delivery of masonry materials	
• 30190	03-13-03	Delivery of Entrance Door	
• 40005	03-13-03	Delivery of mini float switch	
• 30150	03-18-03	Delivery of roof truss	
• 40016	03-18-03	Deliver Variable Frequency drives	
• 40032	03-18-03	Deliver SCH 80 pipe	
• 40071	03-18-03	Delivery of expansion anchors	
• 40079	03-18-03	Delivery of submersible pumps	
• 40370	03-18-03	Deliver piping, valves & ancillary eq.	
• 40373	03-18-03	Deliver large valves	
• 90080	03-18-03	Submit fencing access samples	
• 30031	03-20-03	Submit cert. matl sources 3300-1.3	

DAILY CONSTRUCTION REPORT

DATE 3/28/03

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear <u>AMX</u>	Overcast <u>X PM</u>	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder <u>X</u>	High	Report No.	
Dry	Moder <u>X</u>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>R. Yoyu</u>	<u>Beam Builders</u>	
<u>J. Simon</u>		
<u>P. Paluch</u>		
<u>J. Had</u>		
<u>R. Raro</u>	<u>AGE</u>	<u>teacher operator</u>
<u>J. Machado</u>	<u>Overseer</u>	
<u>S. Ferreira</u>		
<u>A. Gross</u>		

VISITORS

Time	Name	Representing	Remarks
<u>7:00</u>	<u>R. Helming</u>	<u>D+B</u>	
<u>7:00</u>	<u>K. Mc Bertigan</u>	<u>URS</u>	
<u>7:00</u>	<u>G. Cumpen</u>	<u>URS</u>	
<u>12:30</u>	<u>S. Modenes</u>	<u>URS</u>	

EQUIPMENT AT THE SITE:

<u>Backhoe</u>
<u>Plate compactor Ingersoll Rand BX-8</u>
<u>Crane</u>

MATERIALS:

<u>1. Truck load w. Pea gravel</u>
<u>2. fill material sand 110</u>

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BY R. Helming TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 3/28/03

CONSTRUCTION ACTIVITIES:

- * Installation of wet well and install sealant between bottom panel and riser top.
- * Backfilling activities began in areas around wet well and valve vault.
Contractor was notified of the following:
 - maximum 8" lifts thickness
 - use of plate compactor.
 - Technotest will perform compaction testing on Monday morning
 - backfilling without compaction testing @ URS own risk
- * Installation of ductile iron pipe from wet well → valve vault
- * Dean builders on site to perform mock up 4" height 6" wide.

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 3/31/03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder. X	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	R. Helwig	D+B	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 3/31/03

CONSTRUCTION ACTIVITIES:

@ 7⁵⁸ am called Kevin and found out that backfill work was cancelled for today. Kevin told me that the backhoe operator had broken his foot.
I called Tectonic and cancelled appointment

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 4/1/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Model X	High	Report No.	
Dry	Model X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>2 laborers</u>	<u>AGA</u>	<u>machine operator + laborer.</u>

VISITORS

Time	Name	Representing	Remarks
<u>7:00</u>	<u>R. Helwig</u>	<u>D+B</u>	
<u>7:00</u>	<u>G. Gangemi</u>	<u>URS</u>	
<u>7:00</u>	<u>K. McCalligan</u>	<u>"</u>	
<u>7:00</u>	<u>S. Morales</u>	<u>"</u>	
<u>8:30/14</u>	<u>V. Rodriguez</u>	<u>Tectonic</u>	

EQUIPMENT AT THE SITE:

<u>Backhoe</u>
<u>plate compactor - Wacker DPU 6055 - 9.6 kW</u>
<u>Ingersoll Rand BA-8</u>

MATERIALS:

<u>Jet pump Grundfos Sinqpog delivered.</u>

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BY

R. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/1/03

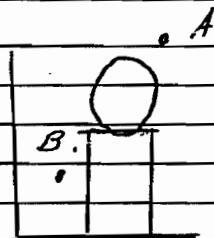
CONSTRUCTION ACTIVITIES:

9⁰⁰ Backhoe operator on site.

Tectonic performed first round of measurements on existing subbase material.

A 80% compaction (3.4% moisture)

B 79%.



After 5 additional passes in area B Tectonic performed new measurements and results were 95% compaction and 6% moisture.

URS decided to rent a heavier compactor (Wacker DPU 6055 9.6 kW) and arrived at 11:25 pm. Try to start compactor but it's not working, and URS decided to call a mechanic. 12:37 pm mechanic arrived at site and continued compaction in area B. After several passes Tectonic had a new measurements ± 87-83% (1.15 pm).

Tectonic's person called to Jim in Tectonic's office and informed F. DeVita.

@ 2.00 pm backhoe operator and Tectonic's laborer left the site.

Greg and Sam installed the underground utilities for treatment system.

- influent piping (2" SDR)
- air vent (4" SCH 80 pvc)
- suction side jet pump (1 1/4" SCH 80 pvc)
- effluent air stripper (4" SCH 80 pvc).

Kevin informed me that there is a problem w. linseal inside the valve vault and that the linseal doesn't fit. The O.D of the discharge pipe is bigger than anticipated and there isn't enough room for the seal (+ 1/2"). URS is looking into it.

Kevin notified about manufacturer's instructions for Butimastic 300 M.

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BY

J. Helwig

TITLE

Inspector

Bitumastic® 300M

Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

General Guidelines:

Spray Application (General) This is a high solids coating and may require adjustments in spray techniques. Wet film thickness is easily and quickly achieved. The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

Conventional Spray Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, with 50' maximum material hose .086" I.D. fluid tip and appropriate air cap.

Airless Spray Pump Ratio: 30:1
GPM Output: 3.0 (min.)
Material Hose: 1/2" I.D. (min.)
Tip Size: .023-.035"
Output PSI: 2100-2500
Filter Size: 30 mesh
Teflon packings are recommended and available from the pump manufacturer.

Brush & Roller (General) Recommended for touch up, striping of weld seams and hard-to-coat areas only. Avoid excessive re-brushing or re-rolling.

Brush Use a medium bristle brush.

Roller Use a short-nap synthetic roller cover with phenolic core.

Mixing & Thinning

Mixing Power mix separately, then combine and power mix for a minimum of two minutes. DO NOT MIX PARTIAL KITS.

Ratio 4:1 Ratio (A to B)

Thinning Up to 20 oz/gal (16%) w/ #10
Up to 25 oz/gal (20%) w/ #10 for the first coat application to concrete. Use of thinners other than those supplied or recommended by Carboline may adversely affect product performance and void product warranty, whether expressed or implied.

Pot Life 75°F (24°C) 2 Hours
90°F (32°C) 1 Hour
Pot life ends when coating loses body and begins to sag.

Cleanup & Safety

Cleanup Use #2 Thinner or Acetone. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Safety Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Caution This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

Application Conditions

Condition	Material	Surface	Ambient	Humidity
Normal	60-85°F (16-29°C)	60-85°F (16-29°C)	60-85°F (16-29°C)	0-80%
Minimum	50°F (10°C)	50°F (10°C)	50°F (10°C)	0%
Maximum	90°F (32°C)	125°F (52°C)	110°F (43°C)	90%

Condensation due to substrate temperatures below the dew point can cause flash rusting on prepared steel and interfere with proper adhesion to the substrate. Special application techniques may be required above or below normal application conditions.

Curing Schedule

Surface Temp. & 50% Relative Humidity	Dry to Touch	Minimum Recoat Time	Maximum Recoat Time	Cure for Immersion
50°F (10°C)	8 Hours	10 Hours	24 Hours	14 Days
75°F (24°C)	4 Hours	6 Hours	24 Hours	7 Days
90°F (32°C)	2 Hours	3 Hours	24 Hours	5 Days

These times are based on a 16.0 mil (400 micron) dry film thickness. Higher film thickness, insufficient ventilation, high humidity or cooler temperatures will require longer cure times. Excessive humidity or condensation on the surface during curing can interfere with the cure, can cause discoloration and may result in a surface haze. Any haze or blush must be removed by water washing before recoating. If the maximum recoat time is exceeded, the surface must be abraded by sweep blasting prior to the application of additional coats. **Holiday Detection** (if required): Wet sponge types may be used if the dry film thickness is below 20 mils (500 microns). High voltage spark testing should be used when the dry film thickness exceeds 20 mils (500 microns). Refer to NACE RP0188-90 for specific procedures.

Packaging, Handling & Storage

Shipping Weight (Approximate)	1.25 Gallon Kit 12 lbs (6 kg)	5 Gallon Kit 50 lbs (26 kg)
-------------------------------	----------------------------------	--------------------------------

Flash Point (Setaflash) 75°F (24°C) for Part A
>200°F (93°C) for Part B

Storage (General) Store indoors.

Storage Temperature & Humidity 40° -110°F (4°-43°C)
0-100% Relative Humidity

Shelf Life Part A: Min. 12 months at 75°F (24°C)
Part B: Min. 24 months at 75°F (24°C)

***Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.**



350 Hanley Industrial Court, St. Louis, MO 63144-1599
314/644-1000 314/644-4617 (fax) www.carboline.com

An RPM Company

March 2003 replaces June 2002

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Selection & Specification Data

Generic Type	Coal Tar Epoxy
Description	Renowned high build coal tar epoxy for protection of steel and concrete in single or two-coat applications in a broad variety of aggressive industrial applications.
Features	<ul style="list-style-type: none"> ▪ Excellent chemical, corrosion and abrasion resistance ▪ High-build up to 24 mils (610 microns) in a single coat ▪ Compatible with controlled cathodic protection ▪ Meets or exceeds all requirements of: <ul style="list-style-type: none"> • Corp of Engineers C-200, C200a • AWWA C-210-92 for exterior • SSPC-Paint 16 • Steel Tank Institute Corrosion Control System STI-P₃
Color	Black (0900)
Finish	Gloss. Will discolor, chalk and lose gloss in sunlight exposure.
Primers	Self-priming, Carboguard 888 or others as recommended.
Topcoats	Not recommended
Dry Film Thickness	16.0 mils (400 microns) in one or two coats. Total dry film thickness less than 8 mils (200 microns) or in excess of 24 mils (610 microns) not recommended.
Solids Content	By Volume: 74% ± 2%
Theoretical Coverage Rate	1187 mil ft ² (29.1 m ² /l at 25 microns) Allow for loss in mixing and application
VOC Values	As supplied: 1.85 lbs/gal (222 g/l) Thinned: 20 oz/gal w/ #10: 2.6 lbs/gal (309 g/l) 25 oz/gal w/ #10: 2.7 lbs/gal (327 g/l) These are nominal values. *Maximum thinning for 250 g/l restricted areas is 6 oz/gal.
Dry Temp. Resistance	Continuous: 350°F (177°C) Non-Continuous: 370°F (190°C)
Wet Temp. Resistance	Immersion temperature should not exceed 120°F (49°C).
Limitations	<ul style="list-style-type: none"> ▪ Do not use for potable water requirements

Substrates & Surface Preparation

General	Surfaces must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
Steel	<u>Immersion:</u> SSPC-SP10 <u>Non-Immersion:</u> SSPC-SP6, SSPC-SP2 or SP3 as minimum requirement imparting proper profile. <u>Surface Profile:</u> 2.0-3.0 mils (50-75 micron)
Concrete	Concrete must be cured 28 days at 75°F (24°C) and 50% relative humidity or equivalent. Prepare surfaces in accordance with ASTM D4258 Surface Cleaning of Concrete and ASTM D4259 Abrading Concrete. Voids in concrete may require surfacing.

Performance Data

Test Method	System	Results	Report #
ASTM D4060 Abrasion	Blasted Steel 2 cts. 300M	130 mg. loss after 1000 cycles. CS17 wheel, 1000 gm load.	02877
ASTM D4541 Adhesion	Blasted Steel 2 cts. 300M	1443 psi (Pneumatic)	02877
ASTM D2794 Impact	Blasted Steel 2 cts. 300M	Impact site diameter. Inches: 3/8, 3/8, 1/2 100 in/lbs Gardner Impact at 1/2 in. diam.	02877
ASTM B117 Salt Fog	Blasted Steel 2 cts. 300M	No blistering, rusting or delamination. No measurable undercutting at scribe after 2000 hrs.	02938

Test reports and additional data available upon written request.

March 2003 replaces June 2002

0165

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- 40430 03-24-03 Install sump pump rungs & Grate in vault
- 40840 03-25-03 Install sump pump in valve vault
- 40011 03-27-03 Deliver Flowmeter
- 90060 04-01-03 Delivery of fencing

Activities not shown on URS' Progress Schedule:

- Delivery of flow meter vault
- Delivery of well vaults
- Installation of flow meter vault
- Installation of well vaults
- Painting/coating inside building/concrete slab
- JK Electric's schedule

According to URS' progress schedule as submitted on March 12, 2003,
the following items are due by today Wednesday, April 02, 2003:

ID	Due Date	Item	Rev. date
• 40890	03-05-03	Delivery Water Tank	
• 40950	03-05-03	Deliver sink & Drum	
• 20170	03-07-03	Obtain Road opening permit	
• 90070	03-07-03	Delivery of gate	
• 40830	03-10-03	Delivery of VV Sump Pump	
• 30160	03-11-03	Delivery of roofing material	
• 30170	03-11-03	Delivery of facia supplies	
• 30670	03-11-03	Delivery of waterproofing	
• 40900	03-11-03	Install jet pump and water tank	
• 30161	03-12-03	Supply of shingle maintenance material	
• 30021	03-12-03	Rebar mill certificates	
• 20080	03-13-03	Excavate effluent pipe line	
• 30140	03-13-03	Delivery of masonry materials	
• 30190	03-13-03	Delivery of Entrance Door	
• 40005	03-13-03	Delivery of mini float switch	
• 30150	03-18-03	Delivery of roof truss	
• 40016	03-18-03	Deliver Variable Frequency drives	
• 40032	03-18-03	Deliver SCH 80 pipe	
• 40071	03-18-03	Delivery of expansion anchors	
• 40079	03-18-03	Delivery of submersible pumps	
• 40370	03-18-03	Deliver piping, valves & ancillary eq.	
• 40373	03-18-03	Deliver large valves	
• 90080	03-18-03	Submit fencing access samples	
• 30031	03-20-03	Submit cert. matl sources 3300-1.3	
• 30261	03-20-03	Submit pipe bedding mat 2200-1.3B1	
• 40100	03-20-03	Deliver pressure blower	

DAILY CONSTRUCTION REPORT

DATE 4/2/3

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Modest	High	Report No.	
Dry	Modest	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
T. Kilcullen J. Kilcullen	JK Electric JK Electric	

VISITORS

Time	Name	Representing	Remarks
7:00 8:00	R. Helwig K. McCalligan K. Sullivan T. Stammlee J. Kilcullen K. Kaufman F. DeVita	D+B URS URS URS JK URS D+B	

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION
 1 Proj. Mgr.
 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/2/03

CONSTRUCTION ACTIVITIES:

- no construction on site.

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY

T. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 4/3/3

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 laborers	AGE	machine operator + laborer.

VISITORS

Time	Name	Representing	Remarks
7:00	R. Helwig	D+B	
7:30	K. Mc Goughan	URS	
8:30	V. Rodriguez	Electronic	

EQUIPMENT AT THE SITE:

backhoe
plate compactor

MATERIALS:

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BY

R. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/3/03

CONSTRUCTION ACTIVITIES:

- * excavation of Flowmeter vault
- * Backfilling excavation inside building with off site fill material.
fill 7" below final grade.
- 8" lifts and after each lift Tectonic performed compaction testing
All compaction tests were >95% of maximum dry density
- Between wet well and valve vault pea gravel installed
- Around under ground utility piping also pea gravel ± 12" layer
- Top layer about 4" pea gravel 8-7" below final grade.
- * Subcontractor on site to perform pressure tests under ground utility piping.
- Contractor notified that proposed procedure (air testing) is not in accordance with submitted procedure under submittal 36A161A.
Contractor did proceed with air testing procedure and while testing effluent pipe of air slipped a rubber plug hit a person
- Contractor notified to provide accident report

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BY

R. Fleming

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 4/4/03

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDC SITE NO. 1-30-050
 NYSDC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder. X	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
B.H. Prod. / Tony Naecker / J. Pederson	Delta Well	
R. Seybold	ACE High Cranes	
J. Collette		
T. Overraue	Pendecosa Fencing	
P. Pero + R. Hernandez		
R. Chevally + H. Laboumby	Chevally + Wallace	
A. Gracis + J. Ekkes	Duraform	

VISITORS

Time	Name	Representing	Remarks
7:00	K. McGilgan	URS	
7:00	G. Cangemi	URS	
7:00	R. Helig	D.I.B.	

EQUIPMENT AT THE SITE:

- Backhoe
- Plate compactor
- High Crane

MATERIALS:

- delivery of Flowmeter vault
- Rebar material slab building floor

DISTRIBUTION
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PAGE 1 OF 2 PAGES

BY R. Helig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/4/03

CONSTRUCTION ACTIVITIES:

- * Installation of Flow meter vault and installation of link-seals in
- valve vault, outside valve vault in building wall and in flow meter vault.
- * Start backfilling around flow meter vault till underside piping for exit flow
meter vault.
- * Start installation of rebar for floor slab.
- * Penderosa Fencing on site to deliver and install aluminum gates for
permanent fence.
Contractor notified that no internal brace was installed in gates.
- * Subcontractor on site to test underground piping utilities.
All tests were OK after 2 hours pressure testing
Pressure test performed @ 30 PSI in accordance with submittal procedure
of submittal 61 A.

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BY

R. Helting

TITLE

Inspector.

DAILY CONSTRUCTION REPORT

DATE 4/7/03

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

PAH.

Brite Sun	Clear	Overcast <input checked="" type="checkbox"/>	Rain	Snow <input checked="" type="checkbox"/>
To 32	32-50 <input checked="" type="checkbox"/>	50-70	70-85	85+up
Still	Moder <input checked="" type="checkbox"/>	High	Report No.	
Dry	Moder.	Humid <input checked="" type="checkbox"/>		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>E. Olsen</i> <i>H. Labounty</i> <i>K. Colley</i>	<i>AGE</i> <i>Chevalley Wallace</i>	

VISITORS

Time	Name	Representing	Remarks
<i>7:00</i>	<i>G. Gangemi</i>	<i>URS</i>	
<i>7:00</i>	<i>S. Morales</i>	<i>URS</i>	
<i>7:00</i>	<i>R. Helmer</i>	<i>D+B</i>	
<i>10:00</i>	<i>K. McCalligan</i>	<i>URS</i>	
<i>8:20</i>	<i>V. Rodriguez</i>	<i>Sectonic</i>	

EQUIPMENT AT THE SITE:

Rubber tire excavator CAT M315
Backhoe CAT 426 G
Plate compactor Honda 5.5 HP.

MATERIALS:

2 loads of pea gravel.

DISTRIBUTION

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PAGE 1 OF 2 PAGES

BY

PD

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/7/03

CONSTRUCTION ACTIVITIES:

and laying.

Start discharge trench excavation and laying 50R 26 pc. effluent pipe.
After excavation of 80 ft pipe plate compactor arrived and Tecton performed
first compaction test. Test failed 82% compaction and 18% moisture.

Contractor notified that material failed and that won't be approved.
Contractor decided to backfill from 80' to 160' with pea gravel (first
lifts) so that he can perform 2hr pressure testing and work back to
FT vault to remove material from excavation and start re backfilling.
@ FT vault to gate

@ 9:50 excavator hits conduit electrical + phone service. Both not working
any longer.

@ 14⁰⁰ start filling pipe for pressure test. 14⁴⁵ Pressure test
cancelled due to expansion of pipe and other activities cancelled
due to snow.

Contractor notified me that work is suspended for Tuesday April 8⁰⁰
that, if worst blocks shall be installed according to drawings
left site @ 3:15 pm total accumulation 4.5 inches snow.

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BY J. Hefing

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 4/18/03

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		X				

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder. X	High	Report No.	
Dry	Moder.	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/8/03

CONSTRUCTION ACTIVITIES:

No work performed on site.

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY

R. Helig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE

4/9/03

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain X	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder. X	High	Report No.	
Dry	Moder.	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	K. Mc Gelligan	URS	
8 ⁰⁰	T. Stammer	-	
9 ³⁰	K. Sullivan	-	
8 ³⁰	F. DeVita	D+B	
8 ³⁰	R. Heling	-	
9 ⁰⁰	J. K. Hallen	EK Electric	

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

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- 2 Field Office
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PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/9/03

CONSTRUCTION ACTIVITIES:

Meeting in Field trailer to discuss issues regarding compaction requirements and damage electrical utilities + phone service.

Compaction:

- * Department does not waive 95% compaction requirement.*
- * material already installed: URS proposes to use pea gravel on top of fill D+B has no objection as long as they meet 95% compaction.*

Contractor notified that internal brace has to be installed in fence gate.

No construction performed on site.

DISTRIBUTION

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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE

4/10/03

DAY

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	Mod. X	High	Report No.	
Dry	Mod. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>H. Labounty</u> <u>K. Colley</u>	<u>Chevalle + Wallace</u>	

VISITORS

Time	Name	Representing	Remarks
	<u>R. Helwig</u> <u>H. McElroy</u>	<u>D+B</u> <u>URS</u>	

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/10/03

CONSTRUCTION ACTIVITIES:

*Installation of thrust block @ exit of Flow meter vault.
Home depot ready concrete mix 5000 psi.*

DISTRIBUTION

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- 2 Field Office
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PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 4/11/03

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain X	Snow
To 32	32-50 X	50-70	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY R. Hilling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 4/11/03

CONSTRUCTION ACTIVITIES:

No work performed on site

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

PAGE 2 OF 2 PAGES

BY R Helwig TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 4/14
DAY

S	M <input checked="" type="checkbox"/>	T	W	TH	F	S
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PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70 <input checked="" type="checkbox"/>	70-85	85+up
Still <input checked="" type="checkbox"/>	Modest <input checked="" type="checkbox"/>	High	Report No.	
Dry	Modest <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
Ken	Colley	Chenally, Wallace	
Howie	Lakowky		
Jose	Erass	Duraform	
R	Chenally	Chenally, Wallace	
E	Olsen	ACE	
J	Binehes	ACE	

VISITORS			
Time	Name	Representing	Remarks
6:30	K. Sullivan	URS	Project Manager Inspection Services
7:05	R. Heling	D+B	
9:00	G. Wachter	Tectonic	

EQUIPMENT AT THE SITE:	
Bobcat Ingersoll Rand 715	
Backhoe CAT 426 C	
Rubber Tire excavator CAT M315	
Plate compactor Wachter	
MATERIALS:	
2 loads of fill material 110 Sand State Sand.	

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3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/14/03

CONSTRUCTION ACTIVITIES:

Duraform on site to continue with rebar installation for building floor
Rebar inspection scheduled for Tuesday afternoon.

Start backfilling discharge trench.

- contractor removed all "washed in" material and ~~rebar~~

- put about 18 inches of Pea gravel on top of pipe

- Rest of trench backfilled in 8" lift layers w. select fill 110 sand.

Geotonic performed compaction testing: Lift 1. 99.8

2 96.5 %

3 98.3 %

4 99.8 %

- Contractor performed pressure test 0-160 ft of discharge pipe.
- lagged 40 ft of pipe.

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BY R. Hehling

TITLE Inspection

DATE 4/15/03

DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still	Moist X	High	Report No.	
Dry	Moist X	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
<u>E Olsen.</u> <u>B. Binehes.</u> <u>K. Collins</u> <u>H. Lukowaty</u>		<u>AGE</u> <u>Chevallie - Wallace</u>	

VISITORS			
Time	Name	Representing	Remarks
<u>700</u>	<u>R. Hebing</u>	<u>D & R</u>	
<u>700</u>	<u>K. Sullivan</u>	<u>URS</u>	
<u>700</u>	<u>E Haywood</u>	<u>URS</u>	

EQUIPMENT AT THE SITE:	
<u>Bobcat Ingersoll Rand 75</u>	
<u>Backhoe CAT 426C</u>	
<u>Rubber Tire excavator CAT M315</u>	
<u>Wacker plate compactor</u>	
MATERIALS:	

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BY R. Hebing TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/15/03

CONSTRUCTION ACTIVITIES:

Duraform on site to install rebar for equipment pad.
proposed to substitute reinforcing as approved by the following
#4 @ 12 dwls all the way around in stead of 5 angle + wire mesh



see Rebar installation drawing.

Rob Conner approved this change.

Control joint between flowmeter vault and building walls are eliminated.
based on phone conversation w. R. Conner.

AGE continued with installation of discharge pipe. Contractor notified
that backfilling is required in 8' lifts and a minimum of three passes
per lift.

At the end of day contractor performed pressure test and pipe passed.

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PAGE 2 OF 4 PAGES

BY

R. Helig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE

4/16/03

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moist X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
E. Olsen.	AGE	
J. Bineher.	AGE	
K. Collins. + H. Labounty.	Chevalley, Walter	
P. Molenhor	Masband.	
A. Gonschankino	Duraform.	
C. Guillermino		
A. Elsher.		

VISITORS

Time	Name	Representing	Remarks
9 ⁰⁰	P. Heling	D+B	
9 ⁰⁰	T. Stammler	URS	
9 ⁰⁰	K. Sullivan	URS	
9 ⁰⁰	V. Rodriguez	Sectionic.	

EQUIPMENT AT THE SITE:

Robert Ingersoll Rand. 715
Beuhoe 42.6 C CAT
Rubber tire excavator CAT 11315
Wacker plate compactor.

MATERIALS:

1. load of masonry sand.
2. - 300 concrete from Seville.
delivery of building wall block
and portland cement.

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PAGE 1 OF 2 PAGES

BY

P. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/16/03

CONSTRUCTION ACTIVITIES:

Concrete placement for building slab.
Rebar modifications installed as discussed and approved by PoConner.
Tectonic performed air content and slump test.

AGE continued with backfilling and trenching discharge pipe
till about 800 ft from flow meter vault.

Messand on site to establish as build points for - ASMW 4-5
- manholes E-contract
- discharge pipe

Talked to J. Baader and discussed Contractor's proposal to use 22"
elbow + 45° elbow to make corner @ 800 ft (Franklin Avenue).
Joe didn't have any problems.

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BY

R. Hehrig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 4/17/03

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Light Rain		Snow
To 32	32-50 X	50-70	70-85	85+up	
Still X	Moder.	High	Report No.		
Dry	Moder. X	Humid			

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
K. Collins & H. Laskowski	Chevalley & Wallace	

VISITORS

Time	Name	Representing	Remarks
7:00	R. Heling	D+B	
7:00	K. Sullivan	URS	
8:00	E. Haywood	URS	

EQUIPMENT AT THE SITE:

Bobcat Ingersoll Rand.	} not used
Backhoe CAT 426C	
Excavator CAT M315	

MATERIALS:

Delivery of corner blocks

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PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/17/03

CONSTRUCTION ACTIVITIES:

Contractor started pressure test @ 9:00 AM.

*Contractor notified me that excavation was cancelled for Thursday (Wednesday 3:15)
due to expected rain fall on Thursday*

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BY

R. Helwig

TITLE

Inspector

DATE April 18, 2003

DAY	S	M	T	W	TH	F	S
						<input checked="" type="checkbox"/>	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	<input checked="" type="checkbox"/> Clear	Overcast	Rain	Snow
To 32	32-50	<input checked="" type="checkbox"/> 50-70	70-85	85+up
Still	<input checked="" type="checkbox"/> Moder	High	Report No.	
Dry	<input checked="" type="checkbox"/> Moder	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
EVERETT HAYWOOD BENJAMIN DIAZ ED OLSEN J. KILCULLEN	Site Superint. URS subcontractor URS subcontractor ELECTRICIAN	URS Dean Builders ACE J.K. Electric

VISITORS

Time	Name	Representing	Remarks
8:30	F. DeVita	Dvirka + Bartilucci	Construction Inspection
9:45	W. Carr	Central Locating	Utility Markouts

EQUIPMENT AT THE SITE:

T70 potable water, water tank

MATERIALS:

Masonry blocks, snow fence, stakes, select fill (~4 yds³), gravel (~45 yd.
one (1) pallet Whitmore Perlite Masonry fill, one + half (~5) pallets Greydon
Deline Inc. super liquid Type 5 Mortar, IPEx rigid 2" PVC
conduit (~400'), containment island, 55 gallon drums of drill cuttings
(~29 total), empty 55 gallon drums (~5 total), safety supplies (cones, signs, etc.)

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BY F. DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE April 18, 2003

CONSTRUCTION ACTIVITIES:

- Construction activities cancelled due to URS subcontractor Dean Builders as a result of not having the required materials on-site, (statement made by Everett Hayward). URS site superint. informs D+B upon arriving on-site. Contract calls for timely notice of readiness of the work for all required inspections, tests, & approvals (VIII, Article 12, 12.4)
- J.K. Electric on-site with URS subcontractor, ACE to locate damaged ^{temporary} electric & telephone lines and prepare for repair. J.K. Electric indicated that the repair of the temporary electric & telephone lines will occur on April 21, 2003.
- Representative ~~with~~ of Central locating on-site to mark out buried gas lines on S. Franklin Ave.
- URS site superint. notified that monitoring well ASHW-3, as installed by URS on March 4, 2003 could not be located. It appears as if it was buried during grading activities in this area.

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BY J. DeVita

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE April 19, 2003

S	M	T	W	TH	F	<u>S</u>
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PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	<u>Clear</u>	Overcast	Rain	Snow
To 32	32-50	<u>50-70</u>	70-85	85+up
Still	<u>Moder</u>	High	Report No.	
Dry	<u>Moder</u>	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
<u>SAN Morales</u> <u>Robert Joyce</u> <u>(5) laborers</u>	<u>Site Superint</u> <u>URS subcontractor</u> <u>URS subcontractor</u>	<u>URS</u> <u>Dean Builders</u> <u>Dean Builders</u>	

VISITORS			
Time	Name	Representing	Remarks
<u>8:30</u>	<u>Frank DeVita</u>	<u>Dvirka Bartilucci</u>	<u>Construction Inspection</u>

EQUIPMENT AT THE SITE:	
<u>Masonry tools, CEMENT MIXER, wheel barrow, T10 potable water truck, water tank, Dean Builders support truck</u>	

MATERIALS:	
<u>Masonry blocks, snow fence, stakes, select fill (~4 yds³), gravel (~10-15 ONE (1) pallet Whittemore Perlite Masonry fill, one and half (1.5) pallets Graymont Poline Inc. super linoid Type S Mortar, IPEx Rigid 2" PVC conduit (~400'), Containment island, 55 gallon drums of drill cuttings (~29 total), empty 55 gallon drums (~5 total), safety supplies (cones signs, etc.)</u>	

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BY F. DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE April 19, 2005

CONSTRUCTION ACTIVITIES:

- URS subcontractor (Dean Builders) on-site to begin the installation of the split face block exterior wall. Upon starting the work the following items were noted not being in accordance with the requirements of approved submittal:
 - In accordance with submittal 28 B - Portland + masonry cement (approved on 2/3/03) mortar color pigment (color MC-60 as manufactured by True Tone Cement colors) were to be added to the mortar mix. However the mortar color pigments were not provided as submitted. Sam Morales w/ URS was notified and acknowledged the error.
 - 8" corner blocks were supplied in lieu of a 12" corner block. Upon consulting with Eli Perlin of Dvirka + Bartilucci, it was agreed that the 8" corner block could be used as long as void spaces were filled with 4" blocks. R. Joyce w/ Dean Builders was notified and acknowledged the requirement.
- URS subcontractor completed two courses on the north, south & west walls by the end of the day.

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BY J. DeVita TITLE Inspector

DATE April 21, 2003
DAY

S	<u>M</u>	T	W	TH	F	S
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PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.

Brite Sun	<u>Clear</u>	Overcast	Rain	Snow
To 32	32-50	<u>50-70</u>	70-85	85+up
Still	<u>Moist</u>	High	Report No.	
Dry	<u>Moist</u>	Humid		

WIND
HUMIDITY

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
Everett Haywood		Site Superint.	URS
J. Killcullen		Electrician	J.K. Electric
J. Killcullen		Electrician	J.K. Electric
R. Joyce		URS subcontractor	Dean Builders
M. Collins		URS subcontractor	Dean Builders
(3) laborers		URS subcontractor	Dean Builders
VISITORS			
Time	Name	Representing	Remarks
8:30	Frank DeVita	Durka + Bartilucci	Construction Inspection
2:30	Robert O'Connor	Durka + Bartilucci	Construction Inspection

EQUIPMENT AT THE SITE:
Masonry tools, CEMENT MIXER, MASONRY scaffolding, wheel barrow,
170 potable water truck, water tank, Dean Builders support
truck

MATERIALS:
Masonry blocks, snow fence, stakes, select fill (~4 yds³), gravel (~10-12
one ft) pallet, Whittaker Pelite Masonry fill, one and half (1.5)
pallets, Graymont Doline Inc. Super liquid Type S Mortar, IPEX
Rigid 2" PVC conduit (~400'), containment island, 55 gallon drums of
drill cuttings (~29 total), empty 55 gallon drums (~5 total), safety supplies (cones sign
etc.)

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BY F. DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE April 21, 2003

CONSTRUCTION ACTIVITIES:

- J.K. Electric on-site to repair temporary electric and phone service damaged by URS on April 7, 2003. Electric + phone service restored @ approximately 10:00 AM.
- URS subcontractor continued with the installation of split face block exterior wall. Rob O'Connor of Dvirka + Bartilucci on-site to review construction of split face block wall in area of manway + roll up door. Rob O'Connor stated the following:
 - Steel frame for roll-up door is to be welded. R. Joyce with Dean Builders (URS subcontractor) acknowledges.
 - Control joints located in area of manway + roll-up door are to be installed as specified. R. Joyce w/ Dean Builders (URS subcontractor) acknowledges.
- URS subcontractor (Dean Builders) completed a total of six courses of block on the north, and on the west walls, and two courses of block on the south wall.
- Tectonic Engineering on-site to pick-up concrete cylinders from the floor slab pour which occurred on April 16, 2003.

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BY

T. Dvirka

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE April 22, 2003

DAY	S	M	<u>T</u>	W	TH	F	S
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PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	<u>Overcast</u>	<u>Rain</u>	Snow
To 32	32-50	<u>60-70</u>	70-85	85+up
Still	<u>Moder</u>	High	Report No.	
Dry	<u>Moder</u>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>Everet Haywood</u> <u>Bill Muller</u>	<u>Site Superint.</u> <u>Regional M.S. Officer</u>	<u>URS</u> <u>URS</u>

VISITORS

Time	Name	Representing	Remarks
<u>8:30</u>	<u>Frank DeVita</u>	<u>Dvirka & Bartilucci</u>	<u>Construction Inspect.</u>

EQUIPMENT AT THE SITE:

Masonry scaffolding, wheel barrow, T10 potable water truck, water tank

MATERIALS:

Masonry blocks, snow fence, stakes, select fill (~4 yd³), Gravel (~10-15 yd³), ONE (1) pallet Whittemore Perlite Masonry fill, ONE + half (1.5) pallets, Greyhound Polime Inc. super limoid Type S Mortar, IPEX Rigid 2" PVC conduit (~400'), containment islands, 55 gallon drums & drill cuttings (~29 total), empty 55 gallon drums (~5 total), safety supplies (cones, signs, etc)

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BY Frank DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE April 16th 2003

CONSTRUCTION ACTIVITIES:

- Construction activities cancelled due to rain. URS site superint. informs D+B upon arriving on-site. Contract calls for timely notice of readiness of the Work for all required inspections, tests, or approvals. (VIII, Article 17, 12.4)

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BY Frank DeVita TITLE Inspector

DATE April 23, 2003
DAY

S	M	<u>T</u>	W	TH	F	S
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PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	<u>Clear</u>	Overcast	Rain	Snow
To 32	32-50	<u>50-70</u>	70-85	85+up
Still	<u>Moder</u>	High	Report No.	
Dry	<u>Moder</u>	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
EVERETT HAYWOOD		SITE Superint.	URS
JAMES GILL		subcontractor	DEAN BUILDERS
MIKE COLLINS		subcontractor	DEAN BUILDERS
NAVEED AHMED		subcontractor	DEAN BUILDERS
DALBITAH		subcontractor	DEAN BUILDERS
VISITORS			
Time	Name	Representing	Remarks
8:30am	FRANK DeVito	D + B	Construction Inspection
	JEFF TROD	NYSDEC	Progress Meeting
	TERRI STAMMER	URS	Progress Meeting
	KEN SULLIVAN	URS	Progress Meeting

EQUIPMENT AT THE SITE:
Masonry scaffolding, wheel barrow, T-70 potable water truck, water tank

MATERIALS:
Masonry blocks, snow fence, stakes, select fill (~4 yds³), Gravel (~10-15 yds³), one (1) pallet white cement perlite masonry fill, one & half (1.5) pallets GREYHANT dolomite inc. super liquid types mortar, IPex rigid 2" PVC conduit (~400'), containment island, 55 gallon drums of drill cuttings (~24 total), empty 55 gallon drums (~5 total) safety supplies (cones, sign, etc)

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BY Frank DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE April 23, 2003

CONSTRUCTION ACTIVITIES:

- URS subcontractor (Dean Builders) onsite to continue the installation of building masonry walls (exterior). URS notified that depth of mortar joints should be $3/8"$, as specified, as there were locations that were more/less than $3/8"$. URS acknowledges and notifies subcontractor of specification requirements.
- URS notified that block wall should be covered at the end of the workday to prevent moisture/rain from entering block wall and damaging perlite insulation.

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BY Frank DeVito TITLE Inspector

DATE April 24, 2003

S	M	T	W	TH	F	S
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PROJECT Franklin Cleaners Site (off-site)
 NYSDC SITE NO. 1-30-050
 NYSDC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	<u>Clear</u>	Overcast	Rain	Snow
TEMP.	To 32	32-50	<u>50-70</u>	70-85	85+up
WIND	Still	<u>Moder.</u>	High	Report No.	
HUMIDITY	Dry	<u>Moder.</u>	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
Everet Haywood		site superint.	URS
Edward Olsen		subcontractor	A.G.E.
Chris Newhall		subcontractor	A.G.E.
Rene Chevally		subcontractor	A.G.E.
James Gill		subcontractor	Dean Builders
Ahmed Sony		subcontractor	Dean Builders
Mike Collins		subcontractor	Dean Builders
Naveed Ahmed / DNBrian		subcontractor	Dean Builders
VISITORS			
Time	Name	Representing	Remarks
8:30	Frank DeVito	D+B	Construction Inspection

EQUIPMENT AT THE SITE:	
<i>Masonry scaffolding, backhoe, wheel barrow, 720 potable water truck, water tanks</i>	
MATERIALS:	
<i>Masonry blocks, snow fence, stakes, select fill (~4 yds³), Gravel (~10-15 yds³), one (1) pallet Whittaker perlite masonry fill, one & half (1.5) pallets greyhound Delmar Inc. super liquid Type S mortar, 1" PE rigid 2" PVC conduit (~400'), containment island, 55 gallon drums of drill cuttings (~29 total) empty 55 gallon drums (~56 total), safety supplies (cones, signs, etc.)</i>	

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BY Frank DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE April 24, 2003

CONSTRUCTION ACTIVITIES:

- URS subcontractor (Deen Builders) on-site to continue the installation of building masonry walls (exterior).
- URS subcontractor (A.G.E.) on-site to continue installation of force main from 8:00 to 9:50.
- URS subcontractor (A.G.E.) encounters gas line @ 9:50 which were not in the Contract Documents and were not identified by Keyspan. A.G.E. stops work @ approximately 2:00 PM, as a result of the unknown line, until representative of Keyspan confirms all utilities in this area.

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BY _____ TITLE _____

DATE April 25, 2003

S	M	T	W	TH	F	S

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
EVERETT Haywood	site Superint.	URS	
MIKE Collins	subcontractor	DEAN Builders	
JAMES Gill	subcontractor	DEAN Builders	
NAVEED Ahmed	subcontractor	DEAN Builders	
AHMED SONNY	subcontractor	DEAN Builders	
DALBIRAM	subcontractor	DEAN Builders	

VISITORS			
Time	Name	Representing	Remarks
9:30	FRANK DeVita RUSS STEIN	D+B KEYSPAN	Construction inspection gas utility identification

EQUIPMENT AT THE SITE:

Masonry scaffolding, backhoe, T70 potable water truck, water tank, wheel barrow.

MATERIALS:

Masonry blocks, snow fence, stakes, select fill (~4 yds), Gravel (~10-15 yds³), one pallet Whittaker Perlite masonry fill, one + half (u.s.) pallets Graymont Dolomite Inc. super liquid Type S Mortar, IPEX rigid 2" PVC conduit (~400'), continuous island, 55 gallon drums of drill cuttings (~29 total), empty 55 gallon drums (~56 total), safety supplies (cones signs, etc.)

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- 3 File

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BY Frank DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE April 25, 2003

CONSTRUCTION ACTIVITIES:

- URS subcontractor (Dean Builders) on-site to continue installation of building masonry walls (exterior). URS notified that block wall should be covered at the end of the work day to prevent moisture/rain from entering block wall and damaging perlite insulation. URS acknowledges.

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- 3 File

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BY Frank DeVita

TITLE Inspector

- 41040 04-30-03 GWMW PTM 1 sampling
- 41050 04-30-03 GWMW PTM 2 sampling
- 41060 04-30-03 GWMW PTM 3 sampling
- 41070 04-30-03 GWMW PTM 4 sampling
- 41080 04-30-03 GWMW PTM 5 sampling
- 30350 05-01-03 Install soffit and fascia
- 30410 05-01-03 **Completion of treatment system building**

Activities not shown on URS' Progress Schedule:

- Painting/coating inside building/concrete slab

• 20090	04-03-03	Lay effluent pipe incl. installation manhole	
• 40160	04-03-03	Delivery of EW&TS controls	05-16-03
• 40200	04-03-03	Delivery of carbon vessels	05-19-03
• 30180	04-10-03	Delivery of roll up door	05-03-03
• 40073	04-10-03	Delivery of system controls	Week of May 12
• 40130	04-15-03	Delivery of extraction well pumps	week of May 12
• 20100	04-17-03	Backfill effluent pipe	
• 40470	04-17-03	Excavate extraction well #1	
• 20110	04-18-03	Close road from traffic use	
• 40570	04-18-03	Install extraction well pump into well #1	
• 40500	04-21-03	Excavate extraction well #2	
• 20120	04-22-03	Dig up road and excavate for effluent pipe	
• 30300	04-22-03	Erect building block wall incl. interior wall in progress	
• 40510	04-22-03	Install extraction well pump in well #2	
• 30360	04-23-03	Install roll up door	
• 20130	04-23-03	Install effluent pipe in excavated roadway	
• 30370	04-23-03	Install entrance door	
• 30380	04-23-03	Install 24"×24" air inlet louver	
• 30390	04-23-03	Install exhaust fan	
• 30400	04-23-03	Install 8" sched 80 PVC air intake pipe	
• 40520	04-23-03	Connect extraction well pump #2 influent piping	
• 40602	04-23-03	Drill core holes for GWM well #1	
• 20140	04-24-03	Connect effluent pipe to storm sewer	
• 30360	04-24-03	Install portable hoist	05-15-03
• 40605	04-25-03	Sample and analysis of GWM #1 bore holes	
• 30320	04-28-03	Install roof truss	
• 20150	04-29-03	Backfill and repair road	
• 30330	04-29-03	Install roof sheating	
• 40612	04-29-03	Install PMT1 Groundwater monitoring well	
• 30340	04-30-03	Install roof shingles	04-28-03

According to URS' progress schedule as submitted on March 12, 2003,
the following items are due by today Monday, April 28, 2003:

ID	Due Date	Item	Rev. date
• 40890	03-05-03	Delivery Water Tank	ready to be picked up
• 40950	03-05-03	Deliver sink & Drum	just in time
• 40830	03-10-03	Delivery of VV Sump Pump	
• 30160	03-11-03	Delivery of roofing material	
• 30170	03-11-03	Delivery of fascia supplies	04-21-03 (due)
• 30670	03-11-03	Delivery of waterproofing	
• 40900	03-11-03	Install jet pump and water tank	05-05-03
• 30161	03-12-03	Supply of shingle maintenance material	
• 30021	03-12-03	Rebar mill certificates	
• 20080	03-13-03	Excavate effluent pipe line	in progress
• 30190	03-13-03	Delivery of Entrance Door	05-19-03
• 40005	03-13-03	Delivery of mini float switch	
• 30150	03-18-03	Delivery of roof truss	
• 40016	03-18-03	Deliver Variable Frequency drives	
• 40032	03-18-03	Deliver SCH 80 pipe	
• 40071	03-18-03	Delivery of expansion anchors	
• 40079	03-18-03	Delivery of submersible pumps	
• 40370	03-18-03	Deliver piping, valves & ancillary eq.	04-14-03 (due)
• 40373	03-18-03	Deliver large valves	
• 30031	03-20-03	Submit cert. matl sources 3300-1.3	
• 30261	03-20-03	Submit pipe bedding mat 2200-1.3B1	
• 40100	03-20-03	Deliver pressure blower	Week of May 12
• 40430	03-24-03	Install sump pump rungs & Grate in vault	
• 40840	03-25-03	Install sump pump in valve vault	
• 40011	03-27-03	Deliver Flowmeter	Week of May 12
• 90060	04-01-03	Delivery of fencing	

DATE 4/28/03

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
4 Laborers 2 " " " " " " E. Olson	Dean Builders AGE AGE	hand dig discharge trench Machine operator.

VISITORS

Time	Name	Representing	Remarks
07 ⁰⁰	R. Heling	D+B	
07 ⁰⁰	E. Haywood	URS	SSV.
07 ⁰⁰	G. Gangemi	URS.	SSHO.

EQUIPMENT AT THE SITE:

Excavator Komatsu PC40.
 Masonry scaffolding wheel barrow.
 Portable water truck.
 Water tank.

MATERIALS:

Masonry block, snow fence stakes select fill (~4 yd³) gravel (~10-15 yd³)
 1 per rigid 2" pvc conduit (400 ft) confinement island 55 gallon drums of drill cuttings (~29 total) empty 55 gallon drums (~5 total) safety supplies

DISTRIBUTION
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 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY R Heling TITLE Inspector

DAILY CONSTRUCTION REPORT

Franklin Cleaner

List Points

Job: F:\Franklin\FRAKLIN

Point#	Northing(Y)	Easting(X)	Elev(Z)	Description
	168587.117	2103424.820	46.320	PT 53
	168529.780	2103274.876	45.310	PT 54
	168401.978	2104041.911	50.290	PT 51
	168475.378	2103800.249	47.310	PT 52
0	168607.173	2103629.457	47.720	PIPE 3
1	168641.817	2103541.634	47.702	PIPE 2
2	168679.099	2103453.429	47.537	PIPE 1
3	168658.398	2103513.788	47.638	EMH1
4	168658.446	2103514.032	47.648	TMH1
5	168554.218	2103774.453	47.517	TMH2
6	168555.497	2103778.943	47.606	EMH2
7	168464.246	2104010.676	47.059	TMH3
8	168465.753	2104016.426	47.310	EMH3
9	168505.370	2104067.988	54.474	WUP
0	168563.082	2103729.032	43.008	PIPE 4
1	167824.302	2102907.720	43.915	MW
2	167819.232	2102922.360	44.034	MW

2 MONITOR
WELLS

umber of points listed> 17

Post-It Fax Note 7671		Date 4.29.03	# of pages 1
To EVERET	From TITO JERUM		
Co/Dept URS	Co. MASSAND		
Phone #	Phone #		
Fax # 516483 0516	Fax #		

DATE 4/29/03

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brie Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
4 laborers 2 - E Olsen	Dean Builders AGE	hand dig & change trench. machine operator

VISITORS

Time	Name	Representing	Remarks
07 ⁰⁰	R. Heling	D+B	
07 ⁰⁰	E. Haywood	URS	-SSV
07 ⁰⁰	G. Gangemi		-SSV

EQUIPMENT AT THE SITE:

Excavator Komatsu PC40
 Masonry scaffolding + wheelbarrow
 Portable water truck
 Water tank

MATERIALS:

DISTRIBUTION

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PAGE 1 OF _____ PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/29/03

CONSTRUCTION ACTIVITIES:

- URS subcontractor continued with the installation of split face block exterior wall. Dean Builders completed west side of Treatment System Building and continued with east side.

Contractor notified that masonry control joint in top course would be eliminated and bond beam to be installed continuously (confirmed by R. O'Connor by phone)
Contractor notified to replace block with verish on fifth course (west side)

URS subcontractor continued with hand-digging along Hampstead Av till 90° corner for discharge pipe. @ 11:00 the active gas line (4" PVC) was located and continued search for the inactive gasline on east side of active gasline. @ 2:00 pm 2" gasline was found and area secured @ 2:15 pm (labors left site)

URS S&HD notified me that painting of wet well is delayed till Thursday.

URS subcontractor found out that the lintel for the steel door was too short. The bearings were 4" in lieu of 6" as shown on the Drawings. After consulting Rob O'Connor it was agreed:

- to use the available lintel
 - make the core of the lintel solid.
 - install a bond beam in course on top of lintel
- See drawing 66 for details.

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PAGE _____ OF _____ PAGES

BY R. Helwig

TITLE Inspector

DATE 4/30/03

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 X	70-85	85+up
WIND	Still X	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
4 laborers 2 laborers 2 E Olsen	Dean Builders AGE AGE	Installation discharge pipe machine operator + labor clear discharge pipe.

VISITORS

Time	Name	Representing	Remarks
7:00	R. Hehny	D+B	
7:00	E. Haywood	URS	
8:00	K. Sullivan		SSV
8:00	F. DeVita	D+B	Project Manager

EQUIPMENT AT THE SITE:

- Komatsu P640
 - CAT Backhoe

MATERIALS:

- Delivery of roof beams
 - loose fill insulation

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BY R. Hehny TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 4/30/03

CONSTRUCTION ACTIVITIES:

- URS subcontractor continued with the installation of solid face block exterior wall and installed lintels + beam for entrance door + roll up door. Subcontractor installed about 3 1/2 courses on east side and continued with loose fill insulation on west side.
- Roof truss material was delivered. After inspection contractor notified that:
 - Truss # 107 is not in accordance w. approved plan (vertical piece is missing)
 - 3 trusses # 106 are damaged and need to be replaced.
- URS Subcontractor ACE continued with the installation of discharge pipe. 111 10" bend (1,000 Ft as shown on Drawing 6g)
After hand digging guidelines it was decided to install discharge pipe under the active and abandoned pipe, which is approx 12" lower as shown on design drawings.
- URS subcontractor AB# started clearing discharge trench for preparing sub base topsoil material.
URS was notified that:
 - all bankwork has to be removed
 - all disturbed material should be restored
 - areas discharge trench subbase - 6" existing top soil.
- URS Project Manager notified me that road opening activities are cancelled for Saturday May 3, 2003.
- URS Site Superintendent notified me that coating of wet well is cancelled for Thursday due to water in wet well.

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BY

R. Hilwig

TITLE

Inspector

DATE 5/1/03

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
<i>2 Laborers</i>	<i>AGE</i>	<i>plumbers Chevalle & Wallace</i>

VISITORS			
Time	Name	Representing	Remarks
<i>7:00</i>	<i>R. Hefling</i>	<i>DIB</i>	<i>SSU</i>
<i>7:00</i>	<i>E. Haywood</i>	<i>URS</i>	<i>8540</i>
<i>7:00</i>	<i>S. Morales</i>	<i>URS</i>	
	<i>G. Cangemi</i>		

EQUIPMENT AT THE SITE:
MATERIALS:

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BY R. Hefling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/1/03

CONSTRUCTION ACTIVITIES:

URS Subcontractor installed 3 thrust blocks @ discharge line along Hempstead Avenue and backfilled the area between thrust blocks. Contractor removed water and cleaned wet well for epoxy resin coating to be applied on Friday May 2nd.

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BY

R. Hebing

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 5/3/03

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	X	Moder.	High	Report No.
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
1 Laborer E Olson 1 Laborer	ACE Dean Builders	machine operator.

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	R. Heling	D+B	
7 ⁰⁰	E Haywood	URS	SSU.

EQUIPMENT AT THE SITE:

MATERIALS:

delivery of plywood + 8" block

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PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/2/03

CONSTRUCTION ACTIVITIES:

- URS subcontractor AGE prepared slope and graded area behind Treatment Building System.
- URS subcontractor located monitoring well ASMW-3.
- URS subcontractor Dean Builders sent 1 person to clean area inside Treatment Building System.
- URS did not seal the inside of the wet well.
- Contractor notified that curing time for the block wall is a three day (72 hours) minimum.

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BY R. Helmy

TITLE Inspector

Franklin Cleaners Site (off-Site)

D&B No.: 1851-2

Color schedule Treatment System Building

Description	Color description	Color code	Finish	Material
<u>Louver finish</u>	Wedge wood Blue	GF119	--	
<u>Building</u>				
Concrete floor - valve vault - equipment pads - top of wet well - sump pit	Machine gray	C754	semi gloss	
Inside exterior building walls - interior building wall	Light gray	C705	semi gloss	
Roll up door - entrance door (in/outside) incl. lintels	Moon water	3157	semi gloss	
Insulation inside building - roof material	Safety white	S800	gloss	
<u>Equipment</u>				
Pressure blower	Moon water	3157	equipment finish/semi gloss	
Drum	Black	C900	semi gloss	
<u>Piping</u>				
Influent piping air stripper	white			PVC SDR 26
Other PVC piping	gray			PVC SCH80
Ductile iron pipe	Black	C900	semi gloss	

Notes:

- * PVC piping shall not be painted.
- * Piping and equipment shall be identified in accordance with Section 09900 of the Standard Specifications.
- * Exterior masonry shall not be coated with a clear water resistant coating.

Selected and approved by S. Eapen on Monday May 5, 2003.

DATE 5/5/03

DAY

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 Laborers E. Olsen 3 Laborers	AGE Dean Builders	Road signs

VISITORS

Time	Name	Representing	Remarks
07:00	R. Heling	D+B	
07:00	E. Haywood	URS	SSV
07:00	S. Moreau	URS	SSHIO
07:00	G. Gangemi	URS	SSHIO

EQUIPMENT AT THE SITE:

MATERIALS:

delivery of 110 Slab Sand (select fill) 1 Load
2 x 2 US Gallon Sikagard 62 epoxy coating.

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/5/03

CONSTRUCTION ACTIVITIES:

- Installation of first layer of epoxy coating in Wet Well. Material in compliance with the approved Submittal #2. Thickness measured with wet film gage > 10 mil @ bottom wall/top
- URS Subcontractor installed road signs on Southern State Parkway (right side of lane)
- URS' Subcontractor continued and finished with the installation of split face block exterior wall on East side of building.
- Contractor notified that anchor bolts have to be stainless steel
- Contractor notified that block for interior wall is not the same as submitted (less dense). URS' subcontractor will replace block.
- URS' subcontractor cut two holes for air sleeper inlet and ventilation fan and filled wall with loosefill insulation
- URS' site superintendent notified me that an appointment was scheduled with NYSDEC inspector to go over possibility to eliminate road signs on left side of the road
- Site meeting with S. Capen to go over color selection building interior. See attachment for color selection.

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BY R. Hilling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 5/6/03

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast X	Rain	Snow
TEMP.	To 32	32-50	50-70 X	70-85	85+up
WIND	Still X	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
2 laborers	AGE	Road signs	
VISITORS			
Time	Name	Representing	Remarks
0730	R. Heling	TO+B	SSV SSHO SSHO
0700	E. Haywood	URS	
0700	S. Morales	URS	
	6 Congoni	URS	

EQUIPMENT AT THE SITE:
delivery of drill rig.
MATERIALS:

DISTRIBUTION
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PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/6/03

CONSTRUCTION ACTIVITIES:

- Contractor installed second layer of epoxy coating on interior of wet well
- WRS Subcontractor installed lights and covers on road signs along Southern State Parkway from Exit 18 to Exit 20
- WRS Subcontractor Della Well delivered drill rig to site.
- Phone conversation held with S. Acpen regarding painting pvc piping and water resistant clear coating on outside of exterior building wall.
S Acpen's recommendation was not to paint the pvc pipe but install flow direction indicators and pipe identification markers. The only pipe to painted is the ductile iron pipe in the valve vault.
- S Acpen's recommendation was not to coat the exterior of the building wall

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- 3 File

PAGE 2 OF 2 PAGES

BY

Robelny

TITLE

Inspector

Hotmail® robertheling@hotmail.com

Inbox | Previous Page

From : Frank DeVita <FDeVita@db-eng.com>
To : 'Robert Heling' <robertheling@hotmail.com>
Subject : RE: suspension drilling activities
Date : Wed, 7 May 2003 09:58:36 -0400

Robert -

What about the drilling of ASMW-1? Is that postponed as well?

- Frank

-----Original Message-----

From: Robert Heling [mailto:robertheling@hotmail.com]
Sent: Wednesday, May 07, 2003 8:14 AM
To: fdevita@db-eng.com
Subject: suspension drilling activities

Frank:

I just got confirmation from Everett that drilling activities along the Southern State Parkway for Thursday are cancelled due to the suspension of the NYS Parks Department permit. He told me that the permit got lost, and they are waiting for the new one.

Drilling activities won't start before Monday May12, 2003.

For more information, please call Ken Sullivan.

Tx Robert

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<http://join.msn.com/?page=features/junkmail>

Hotmail® robertheling@hotmail.com

Inbox | Previous Page

From : Frank DeVita <FDeVita@db-eng.com>
To : 'Robert Heling' <robertheling@hotmail.com>
CC : Project Correspondence <PCorrespondence@db-eng.com>
Subject : RE: well vaults
Date : Wed, 7 May 2003 17:36:09 -0400

Robert -

I do not foresee any problems with the use trench boxes for the installation of the well vaults. If they elect to do so, we simply request that they submit, "for information purposes only" shop drawings of the sheeting and bracing system stamped by a Professional Engineer licensed in the State of New York (just as they did for the drywell installation).

Secondly, I discussed the topic of the 6-inch elevation difference of the well vault tops in relation to the lower surrounding surface elevation, as depicted on drawing G12 of the Contract Drawings and located on the shoulder of the westbound side of the Southern State Parkway, with Bob Burns. Bob simply indicated that the following criteria must be met prior to lowering the surface of the well vaults to be level with existing grade:

1. Pre-Cast Concrete well vaults must be of sufficient strength to safely support H-20 loadings.
2. The well vault access door must be of sufficient strength to safely support H-20 loadings.

Therefore, prior to consideration, we must confirm the two items listed above before going ahead with the change. According to the specs, the pre-cast well vault and well vault access doors are to be designed for H20 loading. Do me a favor, check URS' submittals tomorrow morning and make sure that the submitted well vaults and well vault access doors met this requirement.

Thanks.

- Frank

-----Original Message-----

From: Robert Heling [mailto:robertheling@hotmail.com]
Sent: Wednesday, May 07, 2003 2:33 PM
To: fdevita@db-eng.com
Subject: well vaults

Frank:

I talked to Everett about the installation of the well vaults. Since the space is limited along the Southern State Parkway and due to the depth of the well vaults (8 ft), he is considering trench boxes for the excavation (like they used for the wet well) to eliminate a 1:1 cut back. If they won't

use a trench box the excavation would be about 24 ft by 22 ft. I guess they have to submit the same information as for the wet well.

Maybe you can ask Ken Sullivan about the installation procedure and required submittals.

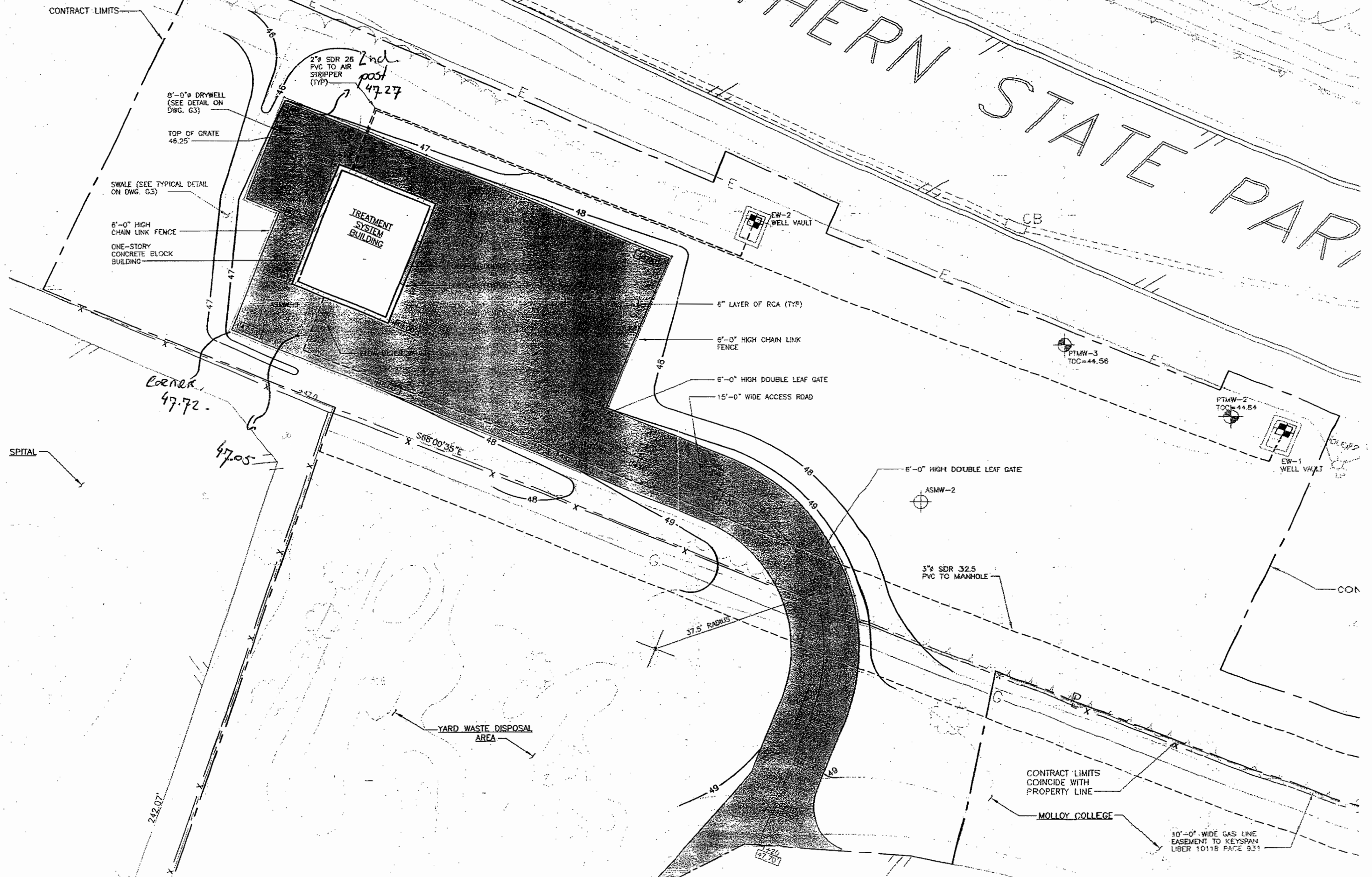
Additionally, please find attached the revised color schedule for the treatment building.

I'll talk to you later.

Robert

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SOUTHERN STATE PARK



CONTRACT LIMITS

8'-0" DRYWELL
(SEE DETAIL ON
DWG. G3)

TOP OF GRATE
46.25'

SWALE (SEE TYPICAL DETAIL
ON DWG. G3)

6'-0" HIGH
CHAIN LINK FENCE

ONE-STORY
CONCRETE BLOCK
BUILDING

2" SDR 26
PVC TO AIR
STRIPPER
(TYP)

TREATMENT
SYSTEM
BUILDING

EW-2
WELL VAULT

6" LAYER OF RCA (TYP)

6'-0" HIGH CHAIN LINK
FENCE

6'-0" HIGH DOUBLE LEAF GATE

15'-0" WIDE ACCESS ROAD

PTMW-3
TOD=44.56

PTMW-2
TOD=44.84

EW-1
WELL VAULT

6'-0" HIGH DOUBLE LEAF GATE

ASMW-2

3" SDR 32.5
PVC TO MANHOLE

37.5' RADIUS

YARD WASTE DISPOSAL
AREA

CONTRACT LIMITS
COINCIDE WITH
PROPERTY LINE

MOLLOY COLLEGE

10'-0" WIDE GAS LINE
EASEMENT TO KEYSAN
LIBER 10118 PAGE 931

SPITAL

CORNER
47.72

47.05

242.07'

S68°00'35"E

47.70'

DAILY CONSTRUCTION REPORT

DATE 5/7/03

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32		32-50		50-70	70-85	85+up
Still	<input checked="" type="checkbox"/>	Moder.		High	Report No.	
Dry		Moder.	<input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
3 Laborers 3 crew persons	Dean Builders Massand Survey.	

VISITORS

Time	Name	Representing	Remarks
	R. Heling E. Haywood	D.B. URS	SSU

EQUIPMENT AT THE SITE:

MATERIALS:

- delivery of 6" block for interior wall
- delivery of treated plywood
- 26 stainless steel anchor bolts

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF ____ PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/7/03

CONSTRUCTION ACTIVITIES:

- URS Site supervisor notified me that drilling activities, which were scheduled to start on Thursday, are suspended to Monday May 12 2003
- URS notified that block with crack has to be replaced before installation of bond beam
- URS subcontractor Down Builders performed following activities
 - installation of 6" interior wall (completed)
 - installation of rebar bond beam incl anchor bolts, concrete.
 - finalize filling loose fill insulation
- URS' surveyor on site to
 - re establish center point road.
 - shoot elevations for grading activities
 - survey corner points (22 1/2° elbows) discharge line.

DISTRIBUTION

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BY

R. Helwig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 5/8/03

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast X	Rain	Snow
TEMP.	To 32	32-50	50-70 X	70-85	85+up
WIND	Still X	Moder.	High	Report No.	
HUMIDITY	Dry	Moder X	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
<i>2 laborers</i>	<i>Dean Builders</i>		
VISITORS			
Time	Name	Representing	Remarks
<i>7:30</i>	<i>R. Helbing</i>	<i>D+B</i>	<i>SSV.</i>
<i>7:00</i>	<i>E. Haywood</i>	<i>URS</i>	

EQUIPMENT AT THE SITE:
MATERIALS:

DISTRIBUTION 1 Proj. Mgr.
 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY R. Helbing TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/8/03

CONSTRUCTION ACTIVITIES:

- Construction activities cancelled. URS wasn't able to get in contact with subcontractor Dean Builders and informed D.B. at 10:00 A.M.
Contacted culb for timely notice of readiness of the work for all required inspections and approvals.
- At 10:35 AM. URS site superintendent notified me that 2 laborers from Dean Builders arrived and started cleaning and clearing the work area.
- Phone conversation held with T. Nibloch regarding road opening for discharge pipe tie in to storm water manhole.
Items discussed were:
 - backfill in 12" lifts with tamper.
 - material from excavation can be used for backfill.
 - no compaction testing required
 - road restoration shall be 5 feet wide.

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY

R. Helmy

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 5/9/03
DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. Y	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
3 laborers	Dean Builders	

VISITORS

Time	Name	Representing	Remarks
7:00 7:00	R. Hebing E. Haywood	URS DIB URS	

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

R. Hebing

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/9/03

CONSTRUCTION ACTIVITIES:

- URS' subcontractor Dean Builders on site and performed following activities:
 - clearing and clearing area
 - replacing split face block w. czech on west side.
 - installation of 3 x 12 treated wood on top of board beam.
- URS site supervisor notified me that clearing activities are scheduled to start on Tuesday May 13, 2003
- Contractor reiterated that lintel above roll up door has to be welded before installation of sheathing.

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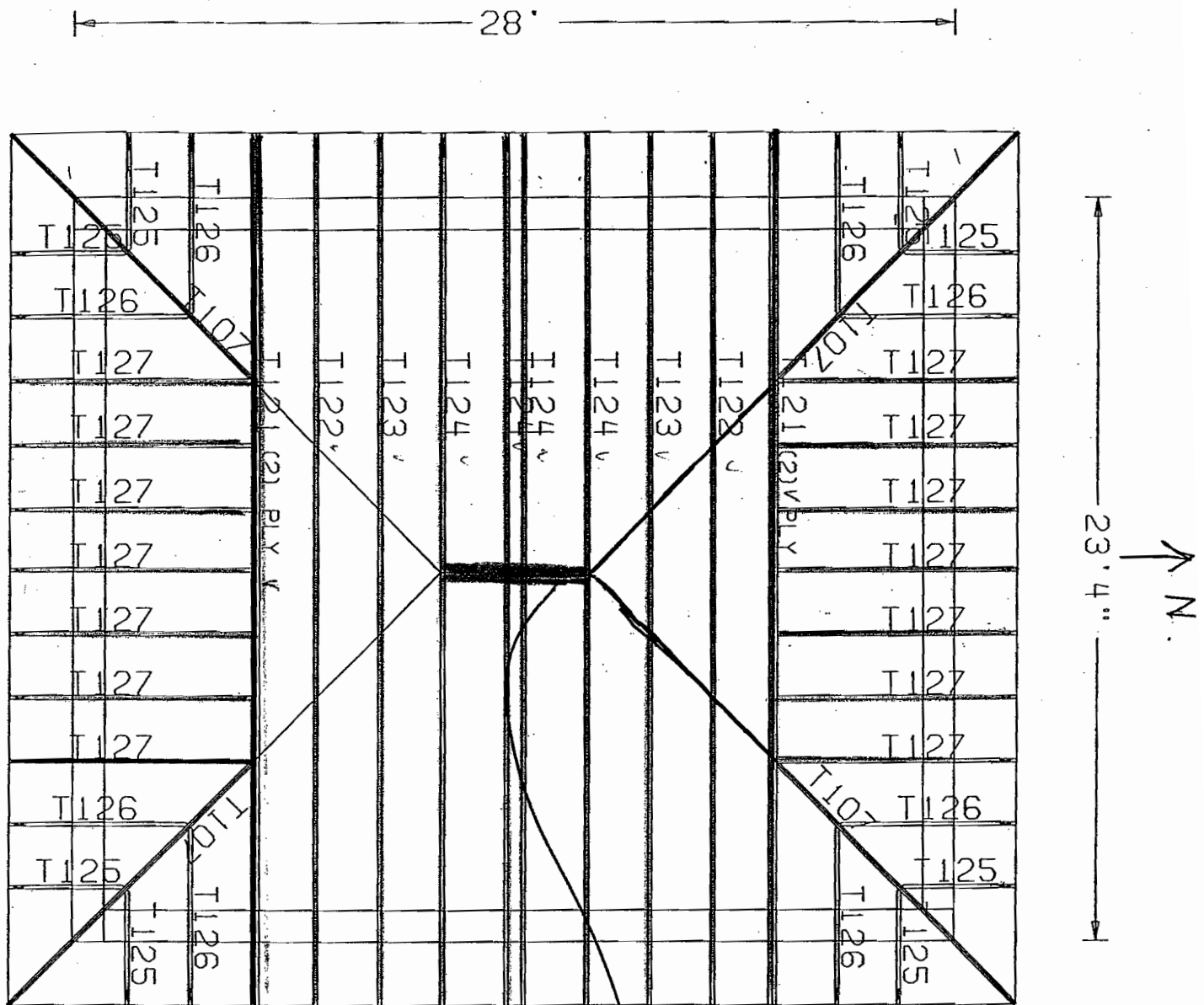
PAGE 2 OF 7 PAGES

BY

P. Helig

TITLE

Inspector



Ridge vent

URS BUILDING

22/28

1.5
8.0
4.5
6.0

Friday 5-09-03
Sat 5-10

PAGE NO:
1 OF 1

JOB NO:
URS

DESIGNED BY:
Tammy Rose Murr

JOB DESCRIPTION:
URS - FRANKLIN CLEANERS

JOB LOCATION:
HEMPSTEAD, NY MOLLOY COLL.

DATE 5/10/03

DAY

S	M	T	W	TH	F	S
						X

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
3 laborers 7 crew members	Dean Builders AGE Chevalley Massand Engineering	Plumbers Road opening

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	R. Heling	1013	SSV
7 ⁰⁰	E. Haywood	URS	SSHO
7 ⁰⁰	G. Bongioni	URS	

EQUIPMENT AT THE SITE:

Excavator CAT 97315
Asphalt saw MKO 9136H
Plate compactor. Wacker.

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/10/03

CONSTRUCTION ACTIVITIES:

- URS' subcontractor started with installation of leverses.
- URS' subcontractor AGE on site for road opening and installation of discharge pipe.
 - Inlet elevation @ 46.2 ft (Mussand engineering).
 - Elevation top of pipe @ 90° to corner 45.47 ft.
 - pipe bedded in 4-8 inches of pea gravel and filled to top of pipe.
 - backfilling in 12" lifts to plate walk behind plate compactor.
 - road closures at both sides of work area and 2 flag men.
 - Road restoration is temporary. Final restoration to be performed at a later date.
 - Installation of thrust block behind 90° degree elbow.

DISTRIBUTION

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- 2 Field Office
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PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

- 40620 05-06-03 Excavate new road and parking lot
- 40040 05-08-03 Subcontractor fabricates submersible pump controls
- 40580 05-09-03 Lay influent pipe for extraction well #1
- 40440 05-12-03 Install submersible pump & float switch
- 40490 05-12-03 Connect influent piping well pump #2 influent piping

Activities not shown on URS' Progress Schedule:

- Painting/coating inside building/concrete slab

• 40130	04-15-03	Delivery of extraction well pumps	week of May 12
• 40470	04-17-03	Excavate extraction well #1	
• 40570	04-18-03	Install extraction well pump into well #1	
• 40500	04-21-03	Excavate extraction well #2	
• 40510	04-22-03	Install extraction well pump in well #2	
• 30360	04-23-03	Install roll up door	
• 30370	04-23-03	Install entrance door	
• 30380	04-23-03	Install 24"*24" air inlet louver	
• 30390	04-23-03	Install exhaust fan	
• 30400	04-23-03	Install 8" sched 80 PVC air intake pipe	
• 40520	04-23-03	Connect extraction well pump #2 influent piping	
• 40602	04-23-03	Drill core holes for GWM well #1	
• 30360	04-24-03	Install portable hoist	05-15-03
• 40605	04-25-03	Sample and analysis of GWM #1 bore holes	
• 20150	04-29-03	Backfill and repair road	
• 30330	04-29-03	Install roof sheathing	
• 40612	04-29-03	Install PMT1 Groundwater monitoring well	
• 30340	04-30-03	Install roof shingles	04-28-03
• 41040	04-30-03	GWMW PTM 1 sampling	
• 41050	04-30-03	GWMW PTM 2 sampling	
• 41060	04-30-03	GWMW PTM 3 sampling	
• 41070	04-30-03	GWMW PTM 4 sampling	
• 41080	04-30-03	GWMW PTM 5 sampling	
• 30350	05-01-03	Install soffit and fascia	
• 30410	05-01-03	Completion of treatment system building	
• 40960	05-02-03	Subcontractor install Sink and drum	
• 40570	05-05-03	Excavate extraction well #1	
• 40410	05-06-03	Subcontractor installs process equipment	
• 40770	05-06-03	Subcontractor installs carbon vessels	
• 40790	05-06-03	Subcontractor installs containment island	

According to URS' progress schedule as submitted on March 12, 2003,
the following items are due by today Monday, May 12, 2003:

ID	Due Date	Item	Rev. date
• 40890	03-05-03	Delivery Water Tank	ready to be picked up
• 40950	03-05-03	Deliver sink & Drum	just-in time
• 40830	03-10-03	Delivery of VV Sump Pump	
• 30160	03-11-03	Delivery of roofing material (shingles)	
• 30170	03-11-03	Delivery of fascia supplies	04-21-03 (due)
• 40900	03-11-03	Install jet pump and water tank	05-05-03
• 30161	03-12-03	Supply of shingle maintenance material	
• 30021	03-12-03	Rebar mill certificates	
• 30190	03-13-03	Delivery of Entrance Door	05-19-03
• 40005	03-13-03	Delivery of mini float switch	
• 40016	03-18-03	Deliver Variable Frequency drives	
• 40032	03-18-03	Deliver SCH 80 pipe	
• 40071	03-18-03	Delivery of expansion anchors	
• 40079	03-18-03	Delivery of submersible pumps	
• 40370	03-18-03	Deliver piping, valves & ancillary eq.	04-14-03 (due)
• 40373	03-18-03	Deliver large valves	
• 30031	03-20-03	Submit cert. matl sources 3300-1.3	
• 40100	03-20-03	Deliver pressure blower	Week of May 12
• 40430	03-24-03	Install sump pump rungs & Grate in vault	
• 40840	03-25-03	Install sump pump in valve vault	
• 40011	03-27-03	Deliver Flowmeter	Week of May 12
• 90060	04-01-03	Delivery of fencing	
• 40160	04-03-03	Delivery of EW&TS controls	05-16-03
• 40200	04-03-03	Delivery of carbon vessels	05-19-03
• 30180	04-10-03	Delivery of roll up door	05-03-03 (due)
• 40073	04-10-03	Delivery of system controls	Week of May 12

DAILY CONSTRUCTION REPORT

DATE 5/12/03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
3 laborers	Dean Builders		

VISITORS			
Time	Name	Representing	Remarks
7:00	R. Heling	D+B	Project Manager.
7:00	K. Sullivan	URS	

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/12/03

CONSTRUCTION ACTIVITIES:

- Phone conversation w. J. Tread (NYSDEC) about color selection for Treatment Building.
He approved the colors for interior building:
 - Concrete floor - valve vault - ey pads - top wet well Machine gray 6754
 - Inside exterior wall - interior building walls Light gray 6705
 - Ceiling Safety White 5800
 The color(s) for exterior will be provided at a later date!
- URS' subcontractor Dean Builders finished installation of roof trusses and cleaned concrete floor inside building.
Welder did not show up. Contractor notified that lintel has to be welded before starting with sheathing.
- Attached is the updated due list as of May 12, 2003

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BY

R. Helig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE 5/13/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 laborers E. Olsen 4 laborers 4 crew members	AGE AGE Dean Builders Delta Well + Pump	Installation jersey barriers. mobilizing drill rig.

VISITORS

Time	Name	Representing	Remarks
7:30	R. Helwig	D+B	Inspection Services.
7:00	K. Sullivan	URS	Project manager.
12:30	A. Jaroszewski	D+B	Geologist
10:00	J. Siegel	URS	Geologist

EQUIPMENT AT THE SITE:

Excavator CAT 973D
Drill rig + bobcat.

MATERIALS:

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

R. Helwig

TITLE

Inspection

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/13/03

CONSTRUCTION ACTIVITIES:

- URS subcontractor AGE installed Jersey barriers along Southern State Parkway according to URS Temporary Traffic Control Plan.
- NYS DOT on site to mark out location of electrical lines lightning poles along Southern State Parkway.
- URS' subcontractor Dean Builders started with installation of roof sheathing.
- URS notified that lintel hasn't been welded yet. Ken Sullivan told me that they were working on it and he'll try to fix it the next couple of days.
- URS notified that valve vault has to be cleaned and irregularities in concrete should be fixed prior to painting valve vault. URS acknowledged.
- URS subcontractor Dean Builders how to proceed with 2x12 fascia since cranes have changed. See attached drawing for their proposal.
- Delta crew arrived at site and unloaded equipment for ASMW-1 installation.

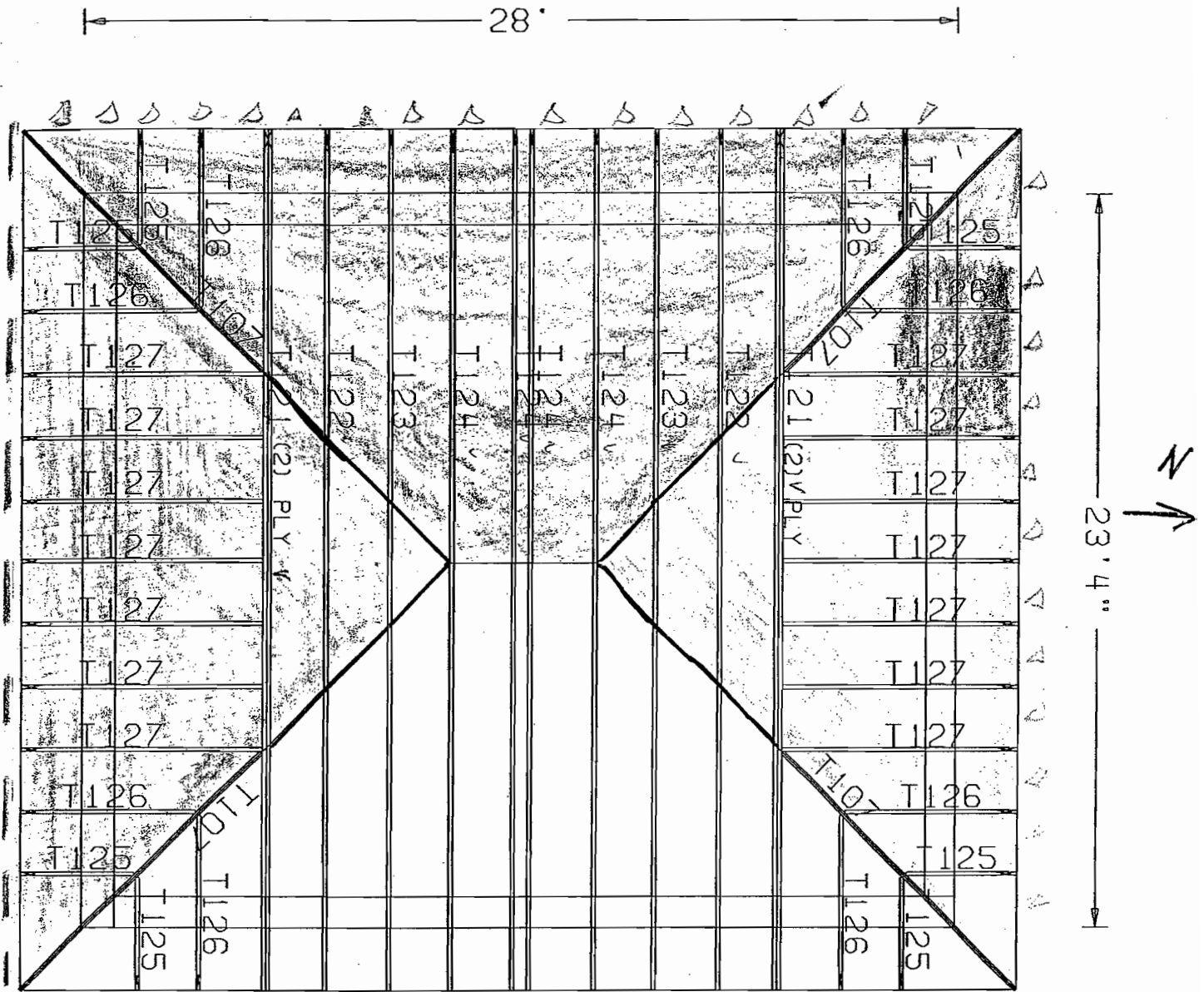
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BY R. Heling

TITLE Inspector



22
23

1.3
4.5
6.0

URS BUILDING

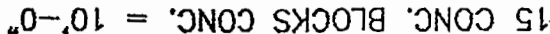
5/13/03
5/14/03
5/14/03 install beaming.

5/19/03
5/20/03

= installation sheathing
= installation frame work fascia.

Installation of sheathing + frame work soffit / fascia.

PAGE NO: 1 OF 1	JOB NO: URS	DESIGNED BY: Tammy Rose Murr	JOB DESCRIPTION: URS - FRANKLIN CLEANERS	JOB LOCATION: HEMPSTEAD, NY MOLLOY COLL.
--------------------	----------------	---------------------------------	---	---



Proposal 1225
5/14/03

DAILY CONSTRUCTION REPORT

DATE 5/14/03

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still	Moder. X	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
3 Laborers 2 electricians	Dean Builders Delta Well Pump	Installation sheet piling ASTM W-4

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D+B	Construction inspection.
7:00	A. Jaroszewski	D+B	Oversight well installation.
7:00	K. Sullivan	URS	Project manager.
7:00	J. Siegel	URS	Geologist.

EQUIPMENT AT THE SITE:

Drill rig

MATERIALS:

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PAGE 1 OF 2 PAGES

BY

Robert Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/14/03

CONSTRUCTION ACTIVITIES:

- URS' subcontractor Dean Builders continued with installation of sheathing on north side of the Treatment Building.
Eli Peitchard sent his comments and a new detail for installation of soffit and fascia. See attached fax sheet for details.
A copy of fax provided to URS
- URS subcontractor Delta Well, drilled test hole for groundwater monitoring well ASMW 1 to 106 ft. See fieldbook Al Jaroszewski for further details.

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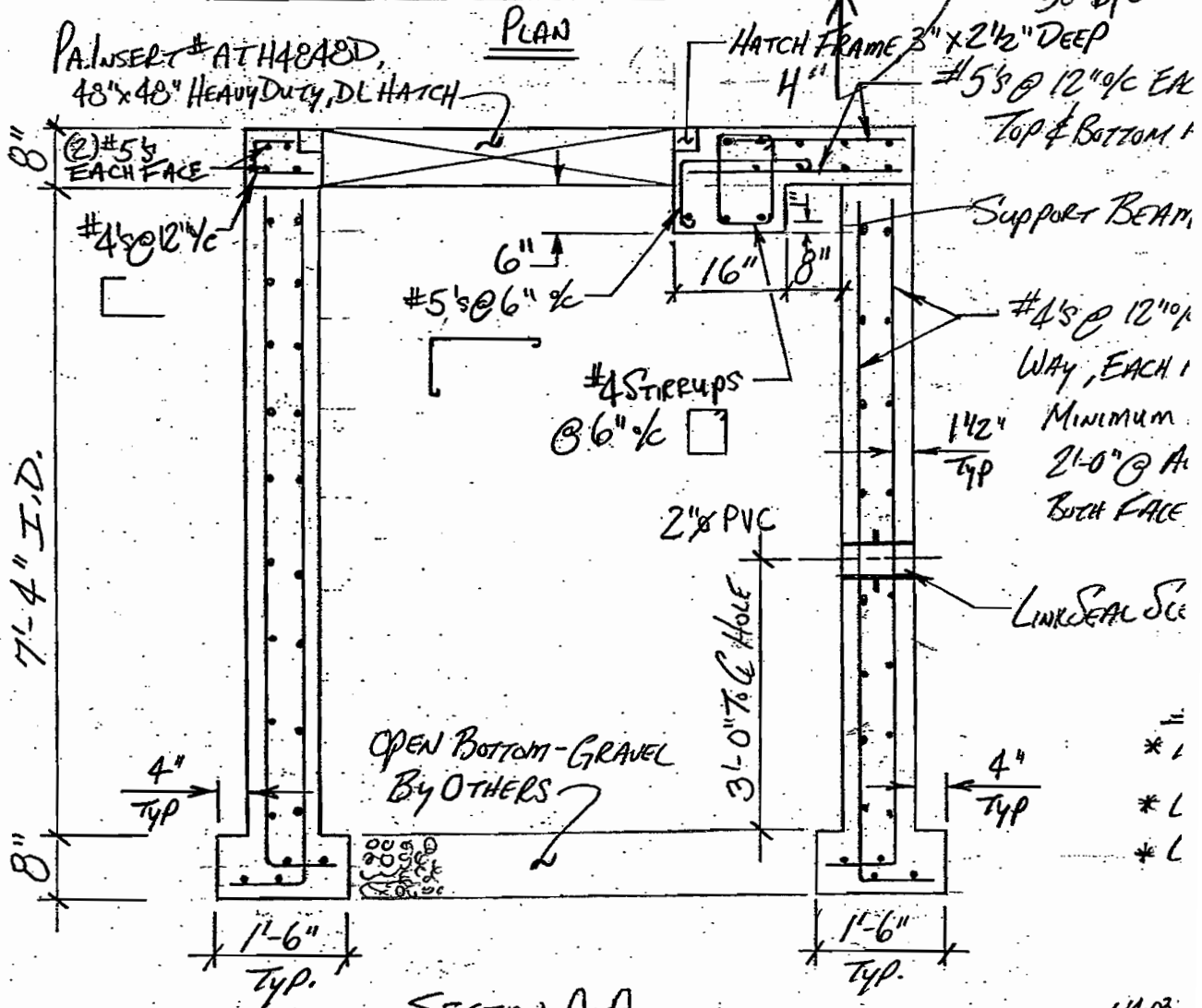
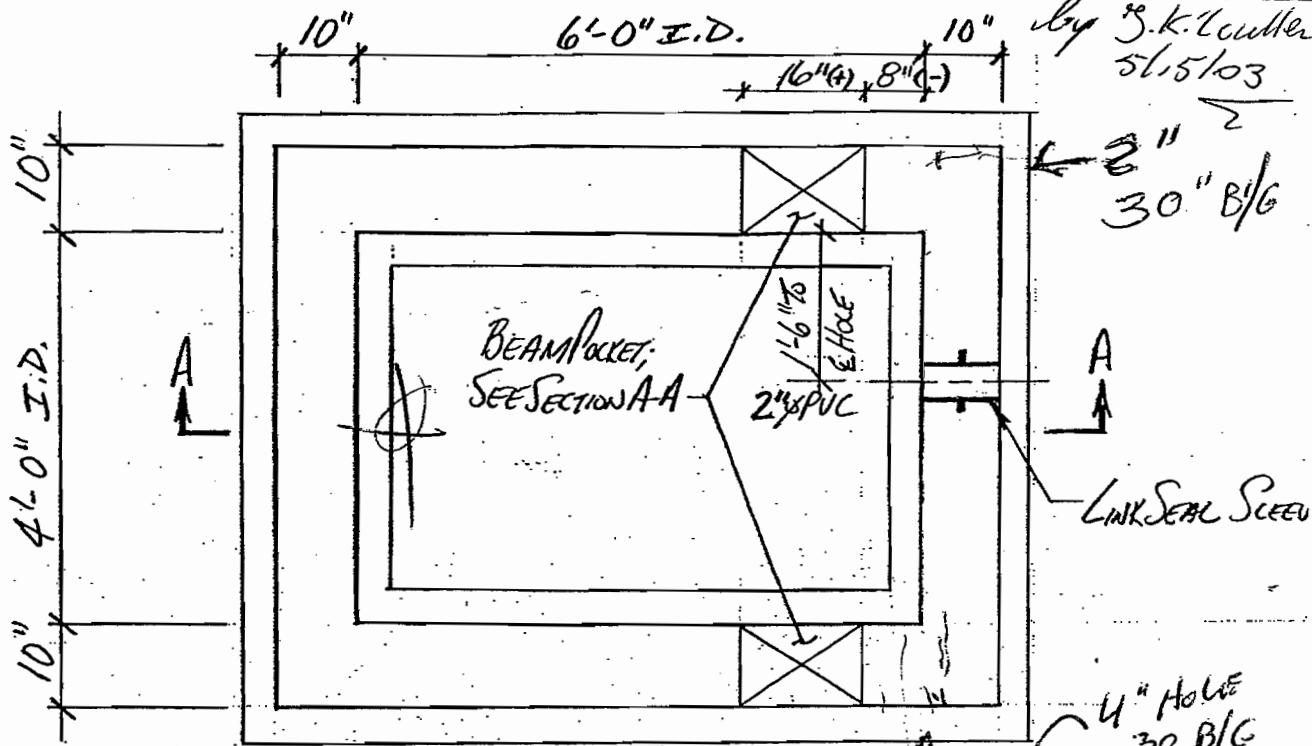
PAGE 2 OF 2 PAGES

BY Robert Helmy TITLE Inspector

EW-2

Locations Conduits & connector

By S.K. Culler
5/5/03



SECTION A-A

1-14-03
1/9-03

DATE 5/15/03

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
3 laborers 2 drillers	Dean Builders Delta Well Pump	Installation of sheeting A8MW-1

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D+B	Construction inspection. Oversight well installation Project manager SSU Geologist Project manager.
7:00	A. Janaszewski	D+B	
7:00	K. Sullivan	URS	
7:00	E. Haywood	URS	
7:00	J. Siegel	URS	
10:30	F. DeVita	D+B	
1:00	J. Kilcullen	JK Electric	

EQUIPMENT AT THE SITE:

Drill rig / supply truck / water truck / bobcat

MATERIALS:

- delivery of pressure treated wood (2x4 and 2x10) for fascia and soffit installation

DISTRIBUTION

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PAGE 1 OF 2 PAGES

BY Robert Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/15/03

CONSTRUCTION ACTIVITIES:

- URS' subcontractor Dean Builders continued with installation of sheathing on east side and started with installation of frame work for soffit/fascia.
- URS subcontractor installed groundwater monitoring well ASMW-1 and decontaminated drill augers.
- Contractor located electrical line lightning poles Southern State Parkway by digging a test hole. Depth of line is \pm 24 inches.
- Contractor finalized location of extraction well EW-2.

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY Robert Helwig

TITLE Inspector

Franklin Cleaners Site (off-Site)

D&B No.: 1851-2

Color schedule Treatment System Building

Description	Color description	Color code	Finish	Material
<u>Louver finish</u>	Wedgewood Blue	GF119	baked enamel	
<u>Building</u>				
Concrete floor - valve vault - equipment pads - top of wet well - sump pit	Machine gray	C754	semi gloss	
Inside exterior building walls - interior building wall	Light gray	C705	semi gloss	
Roll up door - entrance door (in/outside) incl. lintels	Moon water	3157	semi gloss	
Ceiling	Safety white	S800	gloss	
<u>Equipment</u>				
Pressure blower	Moon water	3157	semi gloss	
Drum	Black	C900	semi gloss	
<u>Piping</u>				
Influent piping air stripper	white			PVC SDR 26
Other PVC piping	gray			PVC SCH80
Ductile iron pipe	Black	C900	semi gloss	

Notes:

- * PVC piping shall not be painted.
- * Piping and equipment shall be identified in accordance with Section 09900 of the Standard Specifications.
- * Exterior masonry shall not be coated with a clear water resistant coating.

Provided to URS on Friday May 16, 2003

DATE 5/16/03

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
2 de.illers	Delta Well: Pump	Test hole EW-2.	

VISITORS			
Time	Name	Representing	Remarks
7 ⁰⁰	R. Heling	D+B	Construction Inspection. SSV Geologist Oversight well installation
7 ⁰⁰	E. Haywood	URS	
7 ⁰⁰	J. Siegel	URS	
11 ¹⁵	A. Jankoszewski	D+B	

EQUIPMENT AT THE SITE:

MATERIALS:
Delivery of shingle material → shingles
→ nails
→ weatherproofing

DISTRIBUTION
 1 Proj. Mgr.
 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/16/03

CONSTRUCTION ACTIVITIES:

- Contractor notified me that Dean Builders would not show up today (8.30 am) due to weather circumstances; rain forecast.

- URS subcontractor Delta Well installed test hole @ FW-2

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

DATE 5/19/03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 electricians 2 laborers	Delta Well + Pump Dean Builders	

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	R. Heling	D+B	
7 ⁰⁰	E. Haywood	URS	
7 ⁰⁰	J. Siegel	URS	
10 ⁰⁰	A. Januszewski	D+B	

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

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PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/19/03

CONSTRUCTION ACTIVITIES:

- URS subcontractor Dean Builders finished installation of sheathing on south side of Treatment System Building and continued with installation of frame work for soffits, fascia.
- URS subcontractor Delta Well removed drill material from site and made preparations for well development, starting on Tuesday May 20th.

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY R. Heling

TITLE Inspector

PACKING SLIP

Page 1
Original

Dean Builders Group Inc

Delivery Address
Dean Builders Group Inc
59-47 Fresh Meadow Lane
Fresh Meadows, NY
11365

Customer : 202309000
Carrier : Con-Way Central Express (CCX)
Cust. PO.: VERBAL BOB JOYCE

Shipment Date: 05-14-2003
Freight Terms: Prepay and Add
Reg. Ship Dt.: 05-14-2003

Date : 05-14-0
Pack.Slip: 98996

Item	Cont.	Unit	Ordered
<p>Order / Ship #: 147548/3 Order Date : 05-13-2003 Your Ref. : Patty phoned Franklin cleaner Malloy College</p>			
0950C705902D	Carboguard 954 HB Grey C705	3.00 01	6.00 GL
09500000A01D	Carboguard 954 HB Part A	3.00 01	
Lot: 2G6214L			
0959C705B01D	Carboguard 954/954 HB Part B G	3.00 01	
Lot: 2L1817F			
Total:			6.00 GL

light grey
to be used walls
building walls

Proj/Rela:

Delivery : Prepay and Add

INSPECTION :



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 5/20/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still	X Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 laborers 1	Defin Buitlers Delta Well Pump	Frame work soffit / fascia Well development

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D+B	Construction Oversight. Site Supervisor Geologist Oversight well development
7:30	E. Haywood	URS	
7:00	J. Siegel	URS	
9:00	A. Jencoszewski	D+B	

EQUIPMENT AT THE SITE:

MATERIALS:

delivery of 6 gallon Garbageguard 954 HB - 6705 (walls interior) see attached
delivery ticket

DISTRIBUTION

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PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 5/26/03

CONSTRUCTION ACTIVITIES:

- URS' subcontractor Della Well started with well development of groundwater monitoring well ASPW 4 + 5. For details see field notes A. Zukowski
- URS' subcontractor Dean Builders continued with installation of framework for soffit and fascia on west and north side of Treatment System Building.

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PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

Sheet No. _____ of _____

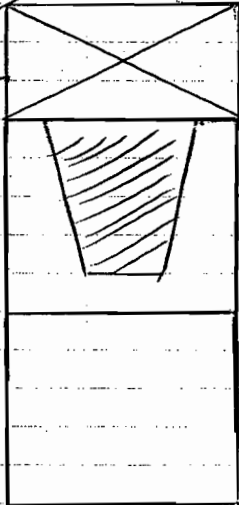
By _____ Date 5/

Chkd. by _____ Date _____

Project: Franklin Cleaners Job No. 1851

Subject: Detail Sheet Rock + finish

3"x12"



1"x4" lumber to trim the exposed
side of 3"x12" and paint lumber.

approved by E. Pritchard on
May 21, 2003

EP

Kenneth M. Sullivan
Project Manager
URS Corporation
May 14, 2003

Page Two

2. The referenced submittal shall be modified to include a layout plan.
3. The referenced submittal shall be modified to show and call out truss attachments to wall plate.
4. Prior to final approval, the referenced submittal shall be submitted with an original ink seal and signature by a Professional Engineer, licensed to practice in the State of New York, indicating acceptance of professional engineering responsibility for the truss component design provided.

The submittal has been stamped "approved as noted." We request URS to provide the required information to this office no later than May 20, 2003. Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

Very truly yours,



Frank DeVita
Project Manager

FDt/jmy

cc: J. Yavonditte, URS
J. Trad, NYSDEC
K. Kaufman, URS
T. Stammeler, URS
E. Haywood, URS
T. Maher, D&B
M. Wright, D&B
R. Heling, D&B

♦1851\FD03(A)\LTR.DOC-86

*Insulation Johns Manville
Foil Faced Batt's + Steel Framing
Thermal Shield.
R-30 / F-156.*

*Sheet rock : National Gypsum.
5/8 x 8' x 4' Type X.
Fire shield - moisture resistant.
meets ASTM C630 / C1396
and CSA A82.27
See delivery ticket Steuben Building.*



Dvirka and Bartilucci

CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York, 11797-2015
516-364-9890 • 718-460-3634 • Fax: 516-364-9045
e-mail: db-eng@worldnet.att.net

May 14, 2003

Principals

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Henry J. Chlupsa, P.E.
Executive Vice President

Thomas F. Maher, P.E.
Vice President

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Charles J. Wachsmuth, P.E.

Kenneth P. Wenz, Jr., C.P.G.

Kenneth M. Sullivan
Project Manager
URS Corporation
201 Willowbrook Boulevard
P.O. Box 290
Wayne, NJ 07474-0290

Re: Franklin Cleaners (Site No. 1-30-050)
NYSDEC Contract No. D004264
Submittal 60C - Roof Truss Design
D&B No. 1851-2

Dear Mr. Sullivan:

We have reviewed Submittal 60C - Roof Truss Design received in our office on April 24, 2002. We have reviewed the submittal with respect to the requirements of the Contract Documents for the above-referenced project. Presented below are our comments:

1. As agreed during a telephone conversation on May 7, 2003, the referenced submittal shall be modified to provide for a rigid ceiling constructed in accordance with NYS Building Code/Specifications. As a result, the referenced submittal shall be corrected to incorporate the following:
 - 5/8-inch Type-X water resistant gyp. board ceiling w/ "J" bead at the perimeter.
 - Elimination of solid blocking at walls.
 - Installation of a 2' x 2' access hatch over clear floor area space.
 - Installation of R-30 batts insulation at ceiling in lieu of rigid insulation.
 - Installation of a ridge vent.

The referenced submittal shall be modified accordingly.

DAILY CONSTRUCTION REPORT

DATE 5/21/03

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain X	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
2 Laborers 1	Dean Builders Delta Well + Pump	Well development.

VISITORS			
Time	Name	Representing	Remarks
7:00	R. Helwig	D+B	Construction Inspection, Site Supervisor, Geologist Over sight well development
7:00	E. Haywood	URS	
7:00	J. Siegel	URS	
9:30	A. Jancoszewski	D+B	
7:00	R. Baronowski	URS	

EQUIPMENT AT THE SITE:	
1 Fork Lift. (Rental)	
MATERIALS:	
delivery of sheet rock + insulation (see delivery ticket)	
air slipper hoses/piping / Flowmeter / EW pump + controls	

DISTRIBUTION
 1 Proj. Mgr.
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PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/21/03

CONSTRUCTION ACTIVITIES:

- URS subcontractor Carbonair delivered air stripper/blower and accessories per shipping list for further details. All equipment stored in container except air stripper covered with plastic
- URS subcontractor Delta Well developed groundwater monitoring wells ASMW-1 and ASMW-2
- URS subcontractor Dean Builders continued with the installation of fascia in corners and started with installation of insulation and sheetrock inside the building
- Conversations held w. E. Peitchard about how to cover 3x12 wood which is exposed after sheetrock installation. Eli's proposal is attached to this daily construction report. Modifications discussed w. contractor and he agreed w. proposal
- Dean Builders Removal job made up (50%)

DISTRIBUTION

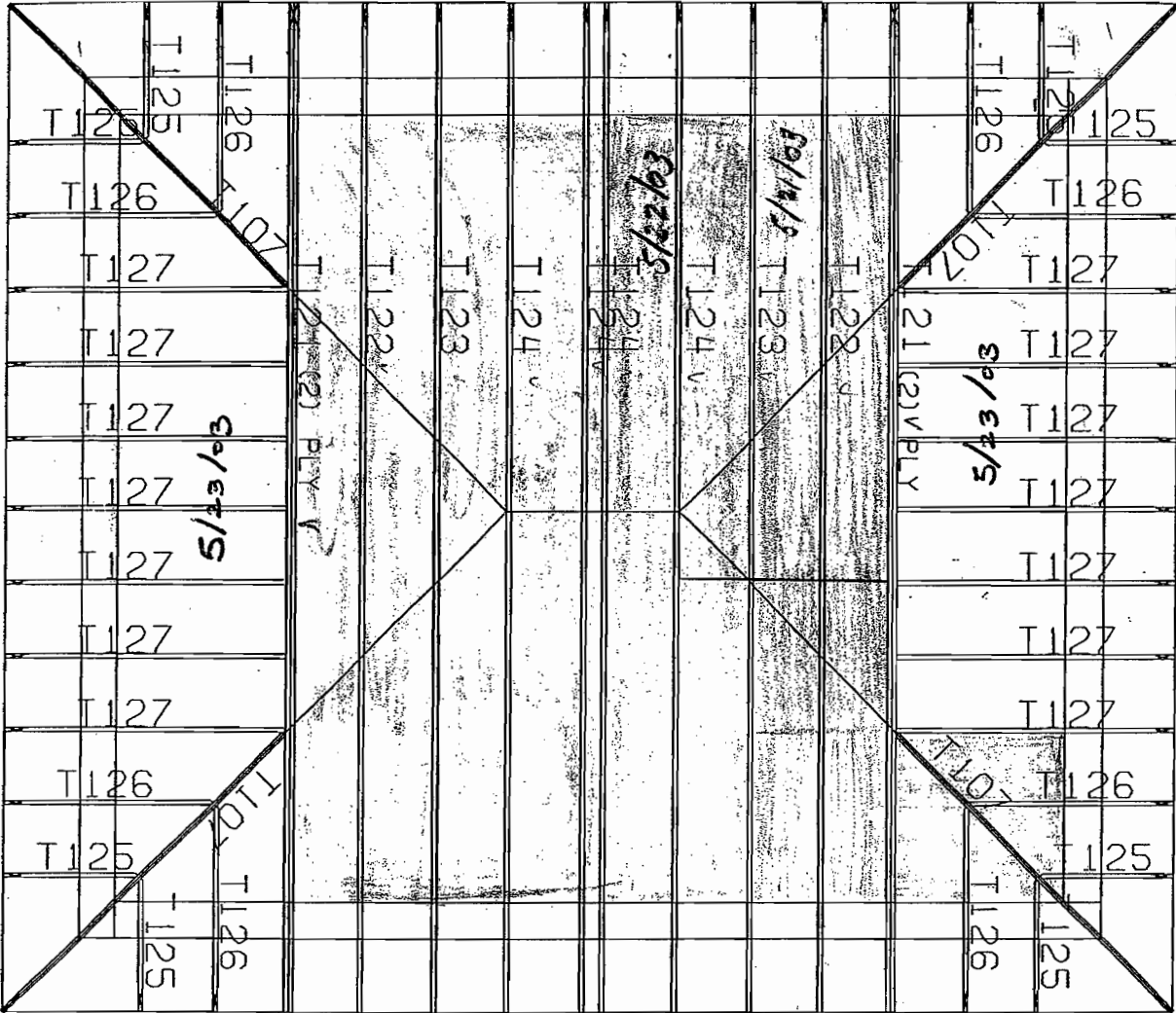
- 1 Proj. Mgr.
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PAGE 2 OF 2 PAGES

BY R. Helms

TITLE Inspector

28'



23'4"



URS BUILDING

1.5
3.0
4.5
6.0

2.2
2.8

JOB LOCATION:
HEMPSTEAD, NY MOLLOY COLL.

JOB DESCRIPTION:
URS - FRANKLIN CLEANERS

DESIGNED BY:
Tammy Rose Murr

JOB NO:
URS

PAGE NO:
1

DAILY CONSTRUCTION REPORT

DATE 5/22/03

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
1 laborer 3 laborers	Delta Well + Pump Dean Builders	Well development. Steel rock installation.

VISITORS

Time	Name	Representing	Remarks
7:45	R. Heling	D+B	Construction inspection.
7:00	E. Haywood	URS	Site supervisor.
7:00	J. Siegel	URS	Geologist.
9:00	A. Jaroszewski	D+B	Oversight well development.
10:15	F. DeVita	D+B	Project manager.

EQUIPMENT AT THE SITE:

MATERIALS:

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PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/22/03

CONSTRUCTION ACTIVITIES:

- URS subcontractor Delta Well continued with well development of groundwater monitoring well ASMN-3.
- URS subcontractor Dean Builders continued with installation of sheet rock and insulation inside Treatment System Building.
- URS subcontractor AGE installed subbase for road restoration at man storm water manhole in accordance with Nassau County requirements (minimum width 5 feet and depth 12 inches). Final 12pc coarse (one inch) will be installed at later date.

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

DATE May 23, 2003

DAY	S	M	T	W	TH	F	S
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PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	60-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Everet Haywood Mike Collins</i>	<i>Site super int. subcontractor subcontractor</i>	<i>URS Dean Builders Dean Builders</i>

VISITORS

Time	Name	Representing	Remarks
<i>8:30</i>	<i>Frank DeVita</i>	<i>D+B</i>	<i>Construction inspection</i>

EQUIPMENT AT THE SITE:

Masonry scaffolding, ladders, water tank, Delta Drill Rig (Felling), generator, jacking jack, T to potable water truck.

MATERIALS:

Timberline shingles (1 pallet), R30 Batt's insulation lumber, silt fencing, Filpro filtration sand + gravel (1 pallet), Bentonite pallets, P1 Plug 3/8" TR 30 (1 pallet), Barasso Type 1 milland cement (2 pallets), Hollow steel augers, 5-10 yd³ gravel, 5-10 yds³ sand, containment island, ~41 drums of drill cuttings, ~9 empty drums, safety fence + supplies, All shipped, blow-off control panel.

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PAGE 1 OF 2 PAGES

BY

Frank DeVita

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/21/03

CONSTRUCTION ACTIVITIES:

- URS subcontractor continued with the installation of sheetrock and insulation within the treatment system building
- URS subcontractor (Dean Builders) continued with the installation of of roofing system, specifically 2x10 fascia.
- D+B inspector off-site @ 9:00 AM. Everett Haywood provided w/ emergency contact number should he have any questions.

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PAGE 2 OF 2 PAGES

BY

Frank DeVito

TITLE

Inspector

DATE May 2003
DAY

S	M	<u>T</u>	W	TH	F	S
---	---	----------	---	----	---	---

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	<u>Clear</u>	Overcast	Rain	Snow
To 32	32-50	<u>50-70</u>	70-85	85+up
Still	<u>Moder.</u>	<u>Dis.</u>	Report No.	
Dry	<u>Moder.</u>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>Everett Haywood</i> <i>Mike Collins</i>	<i>Site superint.</i> <i>subcontractor</i> <i>subcontractor</i>	<i>URS</i> <i>Dean Builders</i> <i>Dean Builders</i>

VISITORS

Time	Name	Representing	Remarks
<i>8:30</i>	<i>Frank DeVita</i>	<i>D+B</i>	<i>Construction Inspection</i>

EQUIPMENT AT THE SITE:

Masonry scaffolding, ladders, water tank, Delta drill rig (fasting), generator, jumping jack, 170 potable water truck.

MATERIALS:

Timberline shingles (1 pallet), R30 Batt's insulation, lumber, silt fencing, Filpro filtration sand and gravel (1 pallet), Bentonite pellets Pel Plug 3/8" TR30 (1 pallet), BARRASSO Type 1 portland cement (2 pallets), hollow steel augers, 5-10 yds³ gravel, 5-10 yds³ sand, containment island, ~41 drums of drill cuttings, ~9 drums empty, safety fence, safety supplies, air stripper, blower, control panel

DISTRIBUTION 1 Proj. Mgr.
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PAGE 1 OF 2 PAGES

BY Frank DeVita TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE MAY 27, 2003

CONSTRUCTION ACTIVITIES:

- URS subcontractor (Dean Builders) continued with the installation of roofing system, specifically 2x10 fascia.

DISTRIBUTION

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- 3 File

PAGE 2 OF 2 PAGES

BY Frank DeVita TITLE Inspector

40450	Install piping wet well + connecting piping in vault	5/14/03
40590	Backfill Influent piping for extraction well #1	5/14/03
40580	lay " " " " " " #2	5/19/03
40550	Backfill " " " " " " #2	5/23/03
40640	Pave new Roadway + parking lot 6" layer RCA	5/20/03
40630	Install subbase material in Roadway	5/13/03
40650	fencing around Parking lot	5/27/03

- 40620 05-06-03 Excavate new road and parking lot
- 40040 05-08-03 Subcontractor fabricates submersible pump controls
- 40580 05-09-03 Lay influent pipe for extraction well #1
- 40440 05-12-03 Install submersible pump & float switch
- 40490 05-12-03 Connect influent piping well pump #2 influent piping

Activities not shown on URS' Progress Schedule:

- Painting/coating inside building/concrete slab

- ~~40130~~ ~~04-15-03~~ ~~Delivery of extraction well pumps~~ ~~week of May 12~~
- 40470 04-17-03 Excavate extraction well #1
- 40570 04-18-03 Install extraction well pump into well #1
- 40500 04-21-03 Excavate extraction well #2
- 40510 04-22-03 Install extraction well pump in well #2
- 30360 04-23-03 Install roll up door
- 30370 04-23-03 Install entrance door
- 30380 04-23-03 Install 24"*24" air inlet louver
- 30390 04-23-03 Install exhaust fan
- 30400 04-23-03 Install 8" sched 80 PVC air intake pipe
- 40520 04-23-03 Connect extraction well pump #2 influent piping
- 40602 04-23-03 Drill core holes for GWM well #1
- 30360 04-24-03 Install portable hoist 05-15-03
- 40605 04-25-03 Sample and analysis of GWM #1 bore holes
- ~~20150~~ ~~04-29-03~~ ~~Backfill and repair road~~
- ~~30330~~ ~~04-29-03~~ ~~Install roof sheathing~~
- 40612 04-29-03 Install PMT1 Groundwater monitoring well
- 30340 04-30-03 Install roof shingles 04-28-03
- 41040 04-30-03 GWMW PTM 1 sampling
- 41050 04-30-03 GWMW PTM 2 sampling
- 41060 04-30-03 GWMW PTM 3 sampling
- 41070 04-30-03 GWMW PTM 4 sampling
- 41080 04-30-03 GWMW PTM 5 sampling
- 30350 05-01-03 Install soffit and fascia
- **30410 05-01-03 Completion of treatment system building**
- 40960 05-02-03 Subcontractor install Sink and drum
- 40570 05-05-03 Excavate extraction well #1
- 40410 05-06-03 Subcontractor installs process equipment
- 40770 05-06-03 Subcontractor installs carbon vessels
- 40790 05-06-03 Subcontractor installs containment island

According to URS' progress schedule as submitted on March 12, 2003,
the following items are due by today ~~Monday~~, May ~~12~~, 2003:

Wednesday 28

ID	Due Date	Item	Rev. date
• 40890	03-05-03	Delivery Water Tank	ready to be picked up
• 40950	03-05-03	Deliver sink & Drum	just in time
• 40830	03-10-03	Delivery of VV Sump Pump	
• 30160	03-11-03	Delivery of roofing material (shingles)	
• 30170	03-11-03	Delivery of fascia supplies	04-21-03 (due)
• 40900	03-11-03	Install jet pump and water tank	05-05-03
• 30161	03-12-03	Supply of shingle maintenance material	
• 30021	03-12-03	Rebar mill certificates	
• 30190	03-13-03	Delivery of Entrance Door	05-19-03
• 40005	03-13-03	Delivery of mini float switch	
• 40016	03-18-03	Deliver Variable Frequency drives	
• 40032	03-18-03	Deliver SCH 80 pipe	
• 40071	03-18-03	Delivery of expansion anchors	
• 40079	03-18-03	Delivery of submersible pumps	
• 40370	03-18-03	Deliver piping, valves & ancillary eq.	04-14-03 (due)
• 40373	03-18-03	Deliver large valves	
• 30031	03-20-03	Submit cert. matl sources 3300-1.3	
• 40100	03-20-03	Deliver pressure blower	Week of May 12
• 40430	03-24-03	Install sump pump rungs & Grate in vault	
• 40840	03-25-03	Install sump pump in valve vault	
• 40011	03-27-03	Deliver Flowmeter	Week of May 12
• 90060	04-01-03	Delivery of fencing	
• 40160	04-03-03	Delivery of EW&TS controls	05-16-03
• 40200	04-03-03	Delivery of carbon vessels	05-19-03
• 30180	04-10-03	Delivery of roll up door	05-03-03 (due)
• 40073	04-10-03	Delivery of system controls	Week of May 12

PACKING SLIP

Page 1
Original

Dean Builders Group Inc

Delivery Address
Dean Builders Group Inc
59-47 Fresh Meadow Lane
Fresh Meadows, NY
11365

Customer : 202309000
Carrier : New Penn Motor Express
Cust. PO.: VERBAL BOB JOYCE
Shipment Date: 05-13-2003
Freight Terms: Prepay and Add
Req. Ship Dt.: 05-23-2003
Date : 05-23-03
Pack.Slip: 100191

Item	Cont.	Unit	Ordered
------	-------	------	---------

Order /Ship # : 147548/ 2
Order Date : 05-13-2003
Your Ref. : Patty phoned
Malloy College

Proj/Rela:

Franklin Cleaner

1000C705902R	Carboquard 893 SG Grey C705		Total: 6.00 GL
--------------	-----------------------------	--	----------------

1000WITEARCD	Carboquard 893 SG Part A WITE	3.00 RC	
--------------	-------------------------------	---------	--

Lot: 2M5512L		3.00 RC	
--------------	--	---------	--

10000908B01D	Carboquard 893 SG Part B 0908	3.00 01	
--------------	-------------------------------	---------	--

Lot: 3C7372L		3.00 01	
--------------	--	---------	--

10008832902R	Carboquard 893 SG White		Total: 6.00 GL
--------------	-------------------------	--	----------------

1000WITEARCD	Carboquard 893 SG Part A WITE	3.00 RC	
--------------	-------------------------------	---------	--

Lot: 2M5512L		3.00 RC	
--------------	--	---------	--

10000908B01D	Carboquard 893 SG Part B 0908	3.00 01	
--------------	-------------------------------	---------	--

Lot: 3C7372L		3.00 01	
--------------	--	---------	--

05330910001D	Thinner 33		Total: 2.00 GL
--------------	------------	--	----------------

Lot: 3A1519S		2.00 01	
--------------	--	---------	--

05220910001D	Thinner 2		Total: 1.00 GL
--------------	-----------	--	----------------

Lot: 3C1537S		1.00 01	
--------------	--	---------	--

Delivery : Prepay and Add
INSPECTION :

DAILY CONSTRUCTION REPORT

DATE 5/28/03

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder	High	Report No.	
Dry	Moder	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>1 laborer</u>	<u>Dean Bartolucci</u>	<u>Caulking.</u>

VISITORS

Time	Name	Representing	Remarks
<u>4:30</u> <u>7:00</u>	<u>R. Heling</u> <u>E. Haywood.</u>	<u>D+B</u> <u>URS</u>	<u>Construction Inspection</u>

EQUIPMENT AT THE SITE:

MATERIALS:

<u>Delivery of 3 gallons Carboguard 893 56 part A</u>	} color 6705.
<u>of 2 gallons thinner #33</u>	
<u>Delivery of Ridge vent shingles</u>	

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/28/03

CONSTRUCTION ACTIVITIES:

- * URS subcontractor Dean Builders installed caulking for vertical joints inside and outside building. Materials, color and application in accordance with the approved submittal 34.
- * URS subcontractor Dean Builders delivered aluminum grating. I asked Frank to bring sample of grating.
- * URS subcontractor Dean Builders delivered soffit material (2:11⁰⁰ AM)
Material did not meet the approved submittal.
 - soffit was center vented in lieu of fully vented
 - manufacturer is Alcoa in lieu of Permatex.
 Contractor notified that material is not acceptable. If URS decides to use manufacturer Alcoa, the material has to be resubmitted to the office.
- @ 2:00 pm Dean Builders delivered fully vented 4" soffit from manufacturer Alcoa. Contractor notified that material specifications have to be submitted.
- * Contractor notified to fill void between split face block and 4x2" lumber. URS site supervisor acknowledged and agreed.

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY R. Hesling

TITLE Inspector

PACKAGING

REZ-SEAL is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails and 4/1 gal (3.8 liter) units per case.

DIRECTIONS FOR USE

Surface Preparation—The concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent adhesion of the REZ-SEAL.

Mixing—REZ-SEAL requires no preblending and should be used directly from the container.

Application—Apply at a uniform coverage by spray or roller application. Product may be sprayed with a hand held "pump-up" sprayer or with an airless industrial sprayer. If roller applied, use a short napped, solvent resistant sleeve.

Curing—For the best cure of freshly placed concrete, apply REZ-SEAL as soon as possible after finishing operations and/or immediately after the disappearance of the "sheen" of surface moisture.

Sealing—When sealing old concrete, the surface must be thoroughly clean and dry. Pressure washing with a strong alkaline detergent to remove dirt, waxes, and oil is suggested. Acids will not sufficiently clean or remove dirt, curing compounds, or old sealer from concrete. Worn or porous areas may need a second application for uniform seal and appearance. For best results, use SUPER REZ-SEAL or SUPER DIAMOND CLEAR for sealing old concrete.

Priming and Topcoating—REZ-SEAL may be used as a primer and/or topcoat to improve performance of SUPER FLOOR COAT COLORED. Apply at 300 ft²/gal (7.3 m²/liter) for both priming and topcoating. See SUPER FLOOR COAT COLORED data sheet.

SEALER REMOVAL

Dried, cured sealer may be removed with strong solvents such as xylene, MEK or toluene. Also acceptable are commercial paint strippers. (Always heed directions and warning labels.)

Alternatively, the sealer can be removed by sandblasting or by other similar mechanical action.

CLEAN-UP

Tools and equipment may be cleaned with EUCO SOLVENT, xylene, xylol or toluene. Run cleaning solvent through spray equipment to remove residual materials.

PRECAUTIONS / LIMITATIONS

- Material will not freeze in storage but should be allowed to rise to 50°F (10°C) or more before use.
- Do not apply when concrete surfaces or ambient temperatures are below 40°F (4°C).
- Do not apply over bleed water or free standing water.
- Use with adequate ventilation and keep away from open flames. If solvent odor is objectionable, use of a water-based, low odor product, such as AQUA-CURE VOX, may be preferred.
- Block all HVAC ventilation ducts which may distribute solvent odor.
- Do not apply over concrete that will receive toppings, epoxy or urethane based coatings or epoxy adhesives, use of KUREZ DR VOX is recommended for these applications.
- When re-sealing existing or old concrete, REZ-SEAL may darken and highlight imperfections in hardened concrete surfaces, resulting in a mottled appearance. When re-sealing old concrete such as driveways and sidewalks, and appearance is critical, the use of SUPER REZ-SEAL or SUPER DIAMOND CLEAR is recommended.
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended. Complete membrane removal or the use of KUREZ DR VOX or EUCOSIL is recommended in areas to receive movable carpet squares.
- Various concrete finishing techniques may result in a surface with high or non-uniform porosity. Adjustment in coverage rate or additional coats of REZ-SEAL may be necessary to compensate for excessive penetration of product.
- For decorative concrete, the use of SUPER DIAMOND CLEAR is suggested for best appearance. Apply two thin coats rather than one heavy application for a high gloss finish.
- Do not use as a bond breaker for tilt-up construction.
- No heavy traffic until the product has cured.
- Do not use in areas subjected to hot grease or oils.
- Not resistant to gasoline or brake fluid.
- For strict compliance with AIM Rules Regulations prescribed by The 1990 Clean Air Act, thinning of this product is not allowed.



Form Rez-Seal-0.01

WARRANTY: The Eucoid Chemical Company ("Eucoid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for six (6) months from the date of purchase. Unless authorized in writing by an officer of Eucoid, no other representations or statements made by Eucoid or its representatives, in writing or orally, shall alter this warranty. EUCO MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSE OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Eucoid product fails to conform with this warranty, Eucoid will replace the product at its cost to replace. Replacement of any product shall be the sole and exclusive remedy available and Eucoid shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Eucoid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Eucoid's policy or information or instructions. In the product literature or on its packaging labels. Any implication of Eucoid products which fails to conform with such information or instructions shall void the warranty. Please read the instructions. If any, are done for illustrative purposes only and do not constitute a warranty or representation of Eucoid.

06/14/2013 00:55 FAX



THE EUCLID CHEMICAL COMPANY

13715 REDWOOD ROAD • Cleveland, OH 44130
(216) 591-4000 • (800) 521-7521 • FAX (216) 591-4594
www.euclidchemical.com

REZ-SEAL®

ACRYLIC CURING, SEALING, HARDENING AND DUSTPROOFING MEMBRANE

REZ-SEAL is an acrylic copolymer that cures concrete and provides a protective coating for interior and exterior concrete including terrazzo surfaces. It bonds tenaciously to concrete forming an inert, impervious film that is resistant to the alkali from fresh cement, salts and many construction stains. It seals the top surface of a floor making it resistant to the penetration of dirt and staining materials.

PRIMARY APPLICATIONS

- Industrial floor slabs
- Exterior pavements
- Walls and columns
- Concrete toppings
- Interior and exterior concrete surfaces
- Parking garages
- Warehouses
- Dry shake floors

FEATURES / BENEFITS

- Provides a transparent curing film for new concrete
- Seals all concrete surfaces providing a glossy appearance and easier clean-up
- Hardens new concrete by promoting a proper cure for improved abrasion resistance
- Dustproofs concrete with tough durable film
- Compatible with many line striping paints, mastics and resilient floor coverings (see precautions/limitations)

SPECIFICATIONS / COMPLIANCES

- ASTM C-309, Types 1 & 1D, Class A & B
- Resilient Tile Institute Specifications
- AASHTO Specification M-148, Types 1 & 1D
- Acceptable for U.S.D.A. approval
- This product meets V.O.C. contents in accordance to EPA 40 CFR Part 59 Table 1 Subpart D for Concrete Curing and Sealing Compounds with a maximum V.O.C. content of 700 g/l

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying Time* at 73°F, 50% RH: < 1 hour
Recoat: 2-24 hours
Foot Traffic: 2-4 hours
Wheel Traffic: 6-10 hours
VOC Content: 596 g/l
Adhesion to Concrete: excellent
Adhesion of Asphalt Tile: passes
Alkali Resistance:
48 hour exposure: excellent
Solvent Resistance: minimal
Resistance to Discoloration: moderate
Shelf life: 2 years in original, unopened container.

*Low concrete or air temperature and/or high relative humidity will extend drying times.

Appearance

REZ-SEAL is a slightly amber liquid. After application and drying, REZ-SEAL offers a clear, slightly glossy film. The product may yellow slightly if applied too thick. Follow recommended coverage rate.

COVERAGE

Coverage Rates	ft ² /gallon (m ² /liter)	
Purpose of Application	First Coat	Optional Second Coat
Curing and Sealing New Concrete	300-350 (7.4-8.6)	350-400 (8.6-9.8)
Sealing and Dustproofing Old Concrete*	350-400 (8.6-9.8)	350-400 (8.6-9.8)

Coverage rates assume hard troweled floors. Coverage will vary from the above rates depending on surface porosity and texture. Avoid excessive build-up. *For best protection and appearance, the use of SUPER REZ-SEAL or SUPER DIAMOND CLEAR is recommended for sealing old concrete.

ALCOA VINYL SIDING AND SOFFIT SPECIFICATIONS AND CONFORMANCE

Alcoa Siding and Soffit products are designed for use in residential and light commercial applications.

FINISH

Alcoa Vinyl Siding and Soffit are produced from PVC compound containing quality color pigments to provide color throughout thickness of panel (with the exception of Trade-Mark[®]). Close control of color and gloss is maintained to provide for an attractive, weatherable surface. Textured vinyl panels are uniformly embossed to provide an attractive woodgrain pattern.

For Grand Sierra[®] cedar-look colors, Kynar 500[®] has been formulated into a film, which becomes an integral part of an exclusive layering process. The film finish system exhibits no cracking, blistering, corrosion or loss of adhesion when subjected to extreme test cycles of cold, heat, acid rain and humidity. Test results are available upon request.

* Kynar 500[®] is a registered trademark of Elf Atochem North America, Inc.

MANUFACTURING PHYSICALS

Solid Vinyl Siding, Soffit and Accessories are extruded polyvinyl chloride (PVC) compound as defined in ASTM D3679, "Standard Specification for PVC Siding." The cell classification as defined by ASTM D1784 is 13344-B. Alcoa PVC resin meets or exceeds the properties as listed below:

Alcoa PVC resin meets or exceeds the properties listed here:

Tensile strength (psi)	7,100 - 7,600
Tensile modulus (psi)	360,000 - 400,000
Specific gravity	1.39 - 1.49
Hardness (Shore D)	76 ± 3
Heat deflection under load 264 psi	170°F
Izod impact strength (ft.-lbs./in. of notch)	3.3
Chemical resistance	Excellent
Coefficient of linear expansion	2.9 (73.7) X 10 ⁻⁵

THICKNESS

All Alcoa Vinyl Siding and Soffit panels exceed requirements per ASTM D3679 section 4.2.

Siding thickness (nominal)

Grand Sierra [®]	.046" (1.17)	Charleston [™] Beaded 6 1/2"	.046" (1.17)
Liberty Elite [®]	.048" (1.22)	Meadowbrook [®]	.042" (1.07)
Silhouette Classic [™] 8"	.048" (1.22)	Mill Creek [®]	.040" (1.02)
Silhouette Classic [™]	.044" (1.12)	Trade-Mark [®]	.040" (1.02)

Soffit thickness (nominal)

Pro-Tech Plus [®]	.040" (1.02)	Pro-Select [®]	.046" (1.17)
Pro-Bead [™]	.040" (1.02)	Trade-Mark [®]	.040" (1.02)

Note: All measurements noted in () are in millimeters (mm).

VENTILATION AREA

(Free air space area in sq. in./sq. ft.)

Pro-Bead [®]	1.54 sq. in.	Pro-Select [®]	7.53 sq. in.
Pro-Tech Plus [®]	5.87 sq. in.	Trade-Mark [®]	7.53 sq. in.

RELEVANT STANDARDS/CODES

Alcoa Vinyl Siding products meet or exceed the following industry standards and/or building code approvals:

Standards and Codes	Patent #
ASTM	D2843 (U.B.C. #52-2)
ASTM	D635
ASTM	E84
ASTM	D3679
BOCA	94-25
ICBO	1478
Metro Dade	99-0610.3
Texas State Board of Insurance Ruling	EC-27
BBA	00/3715
National Evaluation Service	NER-638

Fire-Resistance Ratings

ASTME84	ASTMD635
Flame spread less than 20	Avg. time of burning less than 5 sec.
Fuel contribution 0	Avg. length of burning 20mm
Smoke density 400	

ASTM E-119

1 hour firewall,
1 hour firewall,
Standard Test
Method for Fire
Tests of Building
Construction
and Materials

ASTMD2843 (U.B.C. #52-2)
Smoke density 48

UBC 26-9
Intermediate-Scale
Multistory Fire Test

IMPORTANT: FIRE SAFETY INFORMATION

Exterior vinyl building materials require little maintenance for many years. Nevertheless, common sense dictates that builders and suppliers of vinyl products store, handle and install vinyl materials in a manner that avoids damage to the product and/or structure. Owners and installers should take a few simple steps to protect vinyl building materials from fire.

To Home and Building Owners

Rigid vinyl siding is made from organic materials and will melt or burn when exposed to a significant source of flame or heat. Building owners, occupants and outside maintenance personnel should always take normal precautions to keep sources of fire, such as barbecues, and combustible materials, dry leaves, mulch and trash away from vinyl siding.

To the Building Trades, Specifiers, Professionals and Do-it-Yourself Installers

When rigid vinyl siding is exposed to significant heat or flames, the vinyl will soften, sag, melt or burn, and may thereby expose material underneath. Care must be exercised when selecting underlayment materials because many underlayment materials are made from organic materials that are combustible. You should ascertain the fire properties of underlayment materials prior to installation. All building materials should be installed in accordance with local, state and federal building code and fire regulations.

WALL FIRE RESISTANCE MATRIX

	Wall System	Interior Underlayment	Exterior Sheathing	Popular Residential Claddings*
Non-Rated Wall	Any Conventional Construction	1/2" Gypsum Board	Any Conventional Materials	Wood Plywood OSB Hardboard Steel Aluminum Vinyl
One-Hour Rating	Any Conventional Construction	1 Layer of 5/8" Gypsum Board	MUST INCLUDE 1 Layer of 5/8" Gypsum Board	
Two-Hour Rating	Any Conventional Construction	2 Layers of 5/8" Gypsum Board	MUST INCLUDE 2 Layers of 5/8" Gypsum Board	

* NDTE: Fire-treated versions may also be available for some popular wood-based siding products.

For general information about vinyl siding products, contact the Vinyl Siding Institute, 1275 K St. NW, Washington, DC 20005-4006. Request brochures titled, "Fire Properties" or "What Homeowners Want to Know."

WARRANTY

Alcoa Home Exteriors backs its Vinyl Siding and Soffit with an Alcoa Registered Medallion Lifetime-Limited Warranty. Many products also include hail coverage. Consult actual warranty certificates for complete coverage details.

ALCOA ALUMINUM SIDING, SOFFIT AND TRIM SHEET SPECIFICATIONS AND CONFORMANCE

Alcoa Siding and Soffit Products are designed for use in residential and light commercial applications.

FINISH

Siding and Soffit: The Alumalure 2000[®] finish is a two-coat acrylic applied in a two-phase operation that includes corrosion-inhibiting primer and a baked-on, high-performance acrylic topcoat.

Trim Sheet: Available in the Alumalure 2000[®] smooth finish and the PVC coated striated finish. All Alcoa Aluminum Siding and Soffit panels exceed requirements per AAMA 1402.86.

MANUFACTURING PHYSICALS

Alcoa Aluminum Siding and Soffit are made of 3105 aluminum sheet (minimum tensile strength 29,000 psi; minimum yield strength 26,000 psi).

THICKNESS

Siding thickness (nominal)

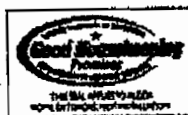
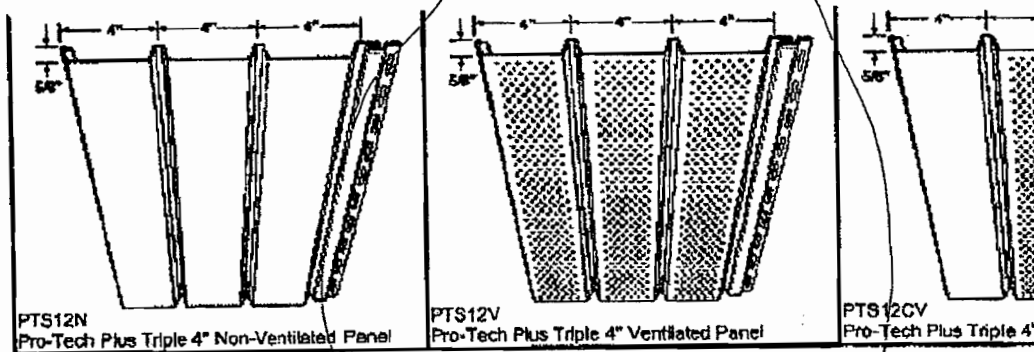
Rustic [™]	Traditional Select [™]
Double 4"	8"
Double 4"	Horizon Collection [™]
Dutch Oak [®]	Double 5"
Double 5" Dutch Lap	

Soffit thickness (nominal)

Traditional Select [™]	.019 (.483)	Aluma-Guard [™]	.016 (.406)
Traditional [™]	.016 (.406)	Aluma-Guard [™] Plus	.019 (.483)

Alcoa ProTools

Page 2 of 2



Select Colors
With Enhanced
Weatherability
Made From
G.E. Engineered
Materials





TOOLS

Vinyl Soffit & Accessories

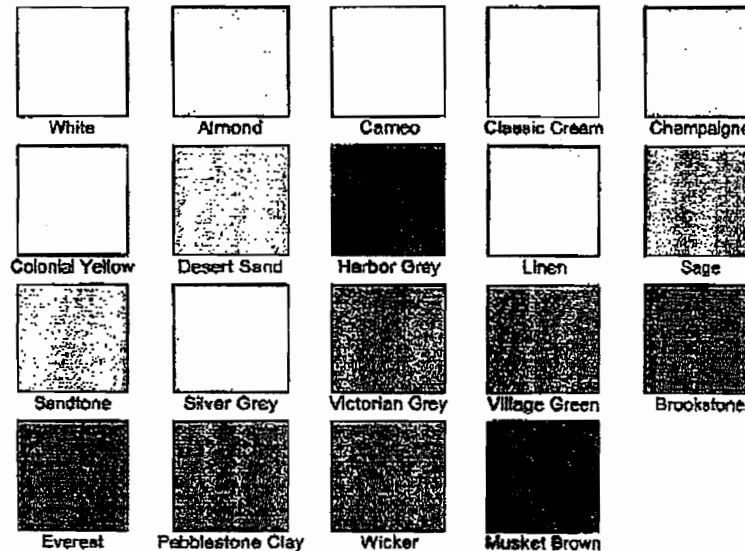
Pro-Tech Plus®

- Specially designed lock tightens under stress to keep panels securely in place
- Engineered for use as soffit, vertical siding or wainscoting
- Perfect for residential applications such as porch ceilings and carports

Need more
information?

to get on the
Alcoa mailing
list and for
access to
secure
information.

Colors



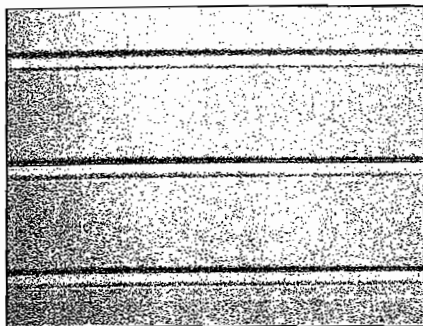
Note: All colors shown are mechanically reproduced and may vary from the actual product. Please refer to actual product for representation.

Product Details

Product_Name	Product_Code	Profile	Exposure	Butt_Edge	Thickness	Text
Pro-Tech Plus Triple 4" Non-Ventilated Panel	PTS12N	V-Groove	Triple 4"	5/8"	Nominal .040"	Mat
Pro-Tech Plus Triple 4" Ventilated Panel	PTS12V	V-Groove	Triple 4"	5/8"	Nominal .040"	Mat
Pro-Tech Plus Triple 4" Center Ventilated Panel	PTS12CV	V-Groove	Triple 4"	5/8"	Nominal .040"	Mat

PRO-SERIES VINYL SOFFIT

Finish your installations with a choice of five distinctive soffit designs to meet any performance and budget requirements. All feature vinyl construction and are engineered to last a lifetime. They require virtually no maintenance, and won't chip, peel, crack, split, rot or swell.

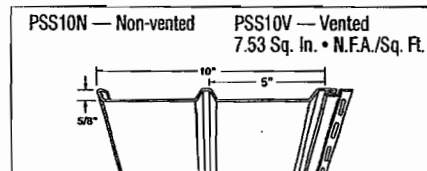


Pro-Select®

Versatile, beautiful, reliable.

- Ideal as soffit, vertical siding or wainscoting
- Extra thickness and deep grooves for the finest finished look
- Provides extra strength for long-span applications

- Special lock tightens under pressure so panels stay locked together
- Wide range of colors
- Nominal .046" thickness

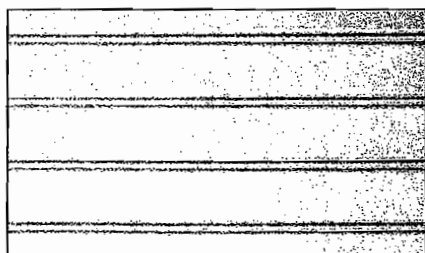
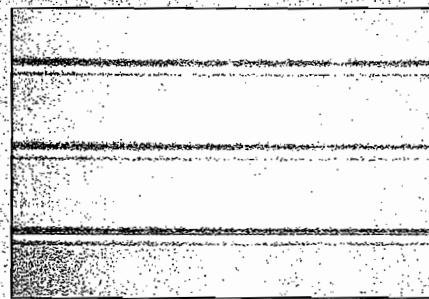
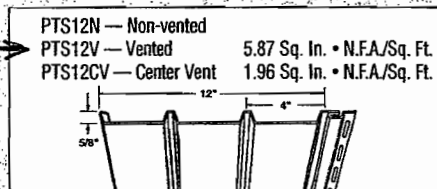


Pro-Tech Plus®

Uniform beauty that's locked in.

- Engineered for use as soffit, vertical siding or wainscoting
- Perfect for residential applications such as porch ceilings and carports
- Specially designed lock tightens under stress to keep panels securely in place

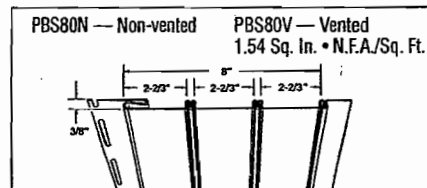
- Low-gloss finish
- Wide range of colors
- Nominal .040" thickness



Pro-Bead®

Hand-crafted charm for superior homes.

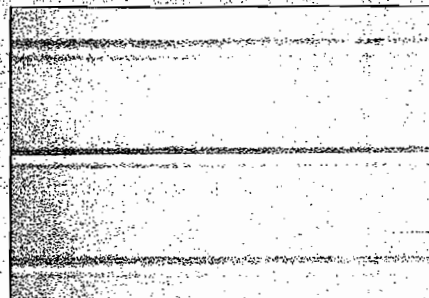
- Classic beaded look
- Excellent for porch ceilings, soffit, sidewall and wainscot applications
- Nominal .040" thickness



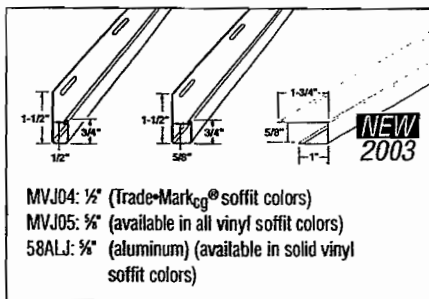
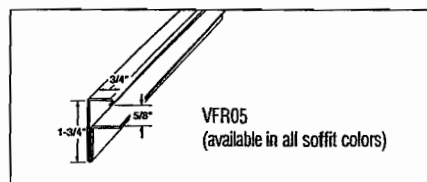

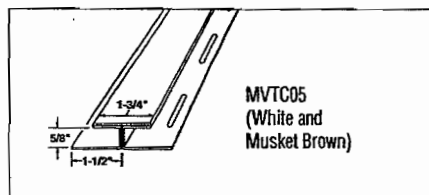
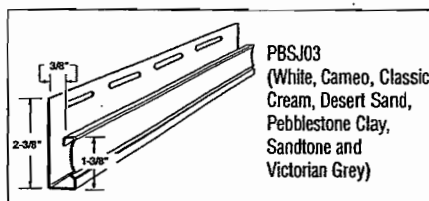
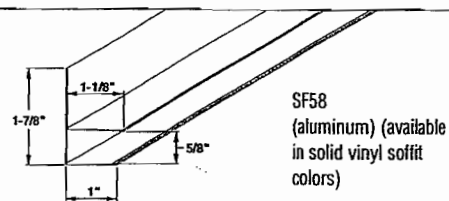
Trade • Mark®

Outstanding economy.

- Economical choice for low-maintenance beauty
- Nominal .040" thickness



[Signature]

**NEW
2003**



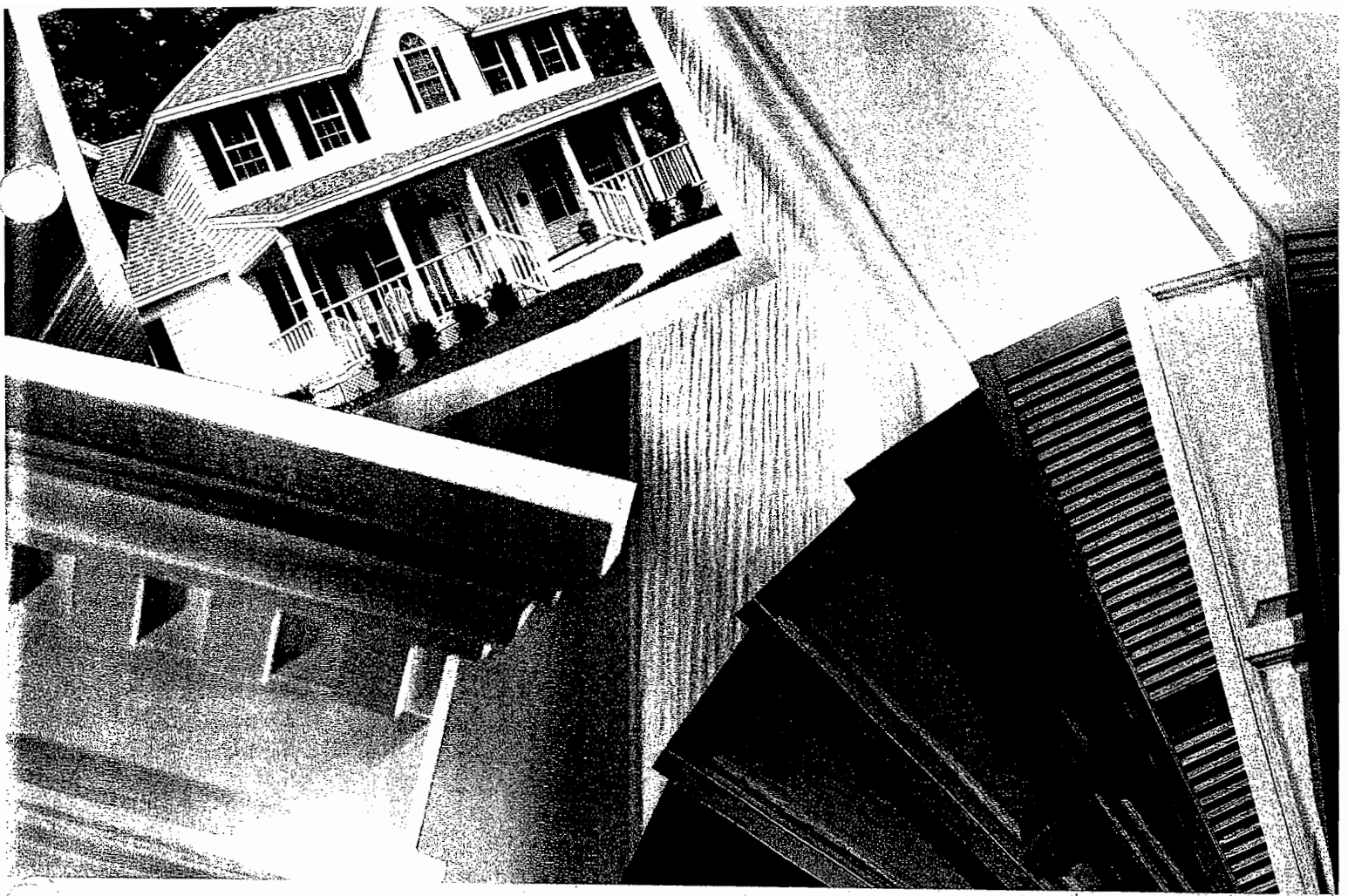
ALCOA

HOME EXTERIORS

It's All About Hue™

Omega Corporate Center
1590 Omega Drive
Pittsburgh, PA 15205
1-800-962-6973

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Source

ProductGuide2003

Alcoa's complete guide to all you need in exterior products



ALCOA

HOME EXTERIORS

It's All About Hue™

DAILY CONSTRUCTION REPORT

DATE 5/29/03

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 <i>AT</i>	70-85 <i>PT</i>	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>3 laborers</i>	<i>Dean Builders</i>	<i>Soffit installation.</i>

VISITORS

Time	Name	Representing	Remarks
<i>7:30</i> <i>7:00</i>	<i>R. Heling</i> <i>E. Haywood.</i>	<i>D+B</i> <i>URS</i>	<i>Construction Inspection</i> <i>Site Supervisor.</i>

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/29/03

CONSTRUCTION ACTIVITIES:

* URS subcontractor Dean Builders started with soffit installation on south west and north side of Treatment System Building.

Materials used isn't the approved material as submitted by URS but from manufacturer Alcoa.

Soffit material: Alcoa.

Pro Tech plus PTV 12.

Fully vented 4" x 3"

Color white.

Contractor notified to submit product specifications before using material. Attached to this daily construction report is manufacturer's documentation.

* URS subcontractor Dean Builders continued w. surface preparations ceiling for painting activities.

* URS provided a copy of manufacturer's specifications for chemical hardener on concrete floor (see attachments)

Manufacturer: Euclid Chemical Company

Company: REZ-SEAL.

According to manufacturer's specifications hardener meet EPA regulations for VOC content.

* URS Subcontractor Duraform asked to use Sonnetron 5L 1 million of NP2 for caulking horizontal joints inside building. Contractor notified to use material which has been approved unless he/she can provide evidence that NP2 is not allowed by Nassau County.

DISTRIBUTION

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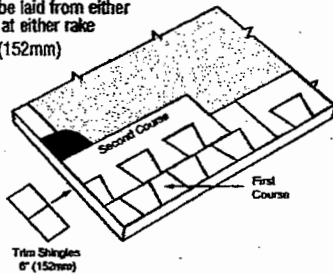
PAGE 2 OF 2 PAGES

BY R. Helwig

TITLE Inspector

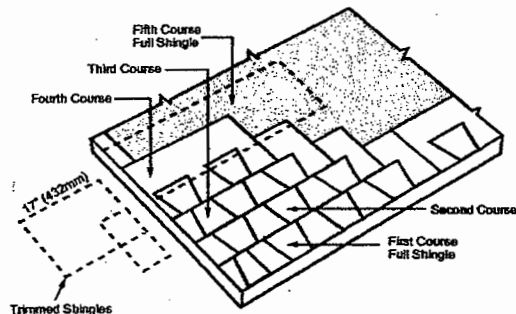
4 Second Course

Start and continue second course as shown. Trim 6" (152mm) from the end of the shingle. Position the shingles in the second and subsequent courses flush with the tops of the wide cutouts. This results in a 5" (127mm) exposure. Continue with full width shingles across the roof. Strike a chalk line about every 6 courses to check parallel alignment with eaves. NOTE: Shingles may be laid from either left or right hand side. Start at either rake edge with shingles having 6" (152mm) trimmed from rake.

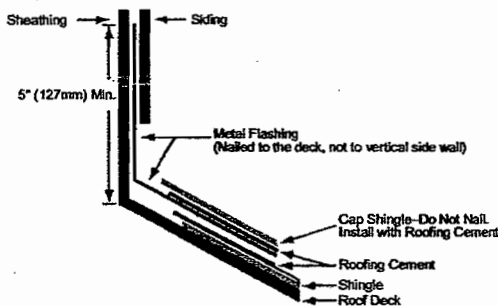


6 Fourth Course and Remaining Courses

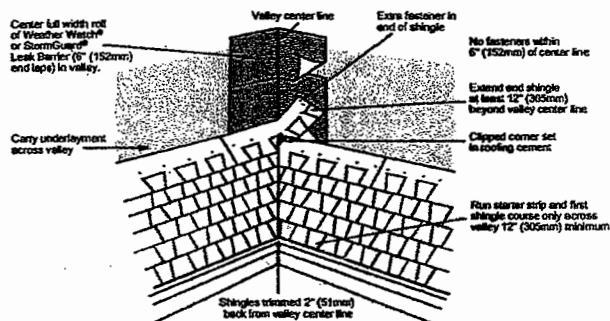
Trim 17" (432mm) from first shingle in the course, then continue with full shingles across the roof. Fifth and subsequent courses repeat full shingle instructions from Step 3.



8 Wall Flashing (Sloped Roof to Vertical Wall)



10 Valley Construction-Closed Cut



Precautionary Notes

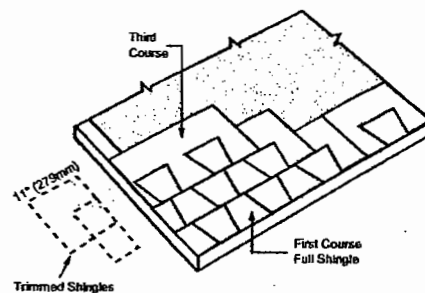
Timberline® Series shingles are fiberglass, self-sealing asphalt shingles. Because of the natural characteristics of the high quality waterproofing material used, these shingles will be stiff in cold weather and flexible in hot weather.

1. Do not drop bundles on edge, over the ridge, or on other bundles to separate shingles. Handle carefully. Shingles can easily be broken in cold weather or their edges damaged in hot weather.
2. All exposed materials must be of Class A type.
3. Store in a covered, ventilated area—maximum temperature 110°F (43°C). Store on flat surface and use weight equalization boards if pallets are to be double stacked. Shingles must be protected from weather when stored at job site. Do not store near steam pipes, radiators, etc., or in sunlight. All rolled product must be stored on ends.
4. If shingles are to be applied during PROLONGED COLD periods or in areas where airborne dust or sand can be expected before sealing occurs, the shingles MUST be hand sealed. See Wind Resistant instructions.

IMPORTANT: Repair leaks promptly to avoid adverse effects, including mold growth.

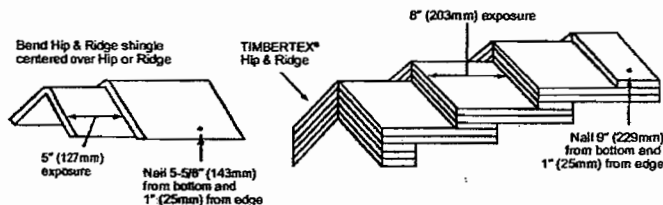
5 Third Course

Trim 11" (279mm) from the first shingle in the course then continue with full shingles across the roof.

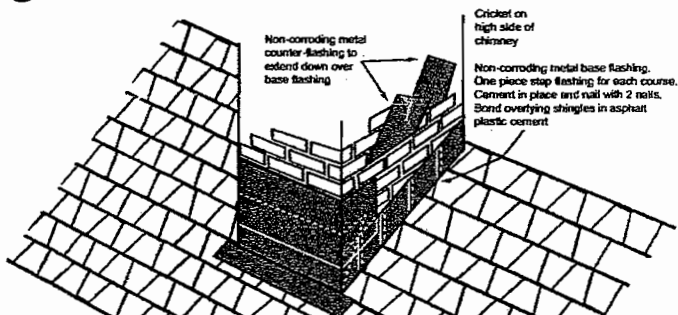


7 Hip and Ridge

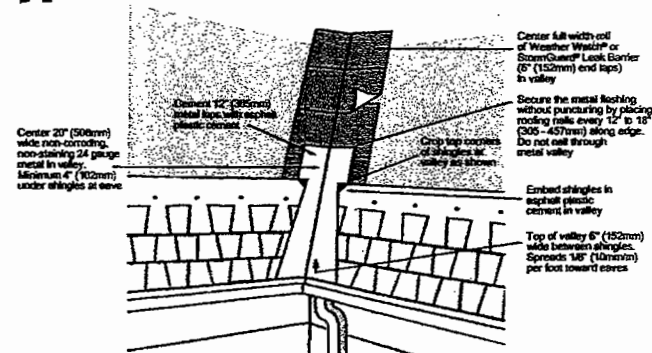
For single layer application, use hip and ridge shingles and apply as shown. To enhance appearance, use GAF TIMBERTEX® or a double layer application of Universal Hip & Ridge. (One bundle of TIMBERTEX® Hip & Ridge covers 20 lineal ft.—6.1 meters.) For double application, start with triple thickness of pre-cut Hip & Ridge shingles and continue remainder with double thickness. Fasten in same manner as single application shown. Apply laps away from prevailing wind direction.



9 Chimney Flashing



11 Valley Construction-Open



Re-Roofing

If old asphalt shingles are to remain in place, nail down or cut away all loose, curled or lifted shingles; replace with new, and just before applying the new roofing, sweep the surface clean of all loose debris. Since any irregularities may show through the new shingles, be sure the underlying shingles provide a smooth surface. Fasteners must be of sufficient length to penetrate the wood deck at least 3/4" (19mm) or just through plywood. Follow other above instructions for application. Note: Shingles can be applied over wood shingles when precautions have been taken to provide an acceptable smooth surface. This includes cutting back old shingles at eaves and rakes and installing new wood edging strips as needed. Make surface smooth and use beveled wood strips if necessary. Install #30 underlayment to maintain Class A rating.

This product is sold with an express LIMITED WARRANTY only. A copy of the LIMITED WARRANTY stating its terms and restrictions is printed on the product wrapper or may be obtained from the distributor of this product or directly from GAF Materials Corporation. Any deviation from printed instructions shall be the responsibility of applicator and/or specifier.

©2002 GAF Materials Corporation

ENGLISH 080902



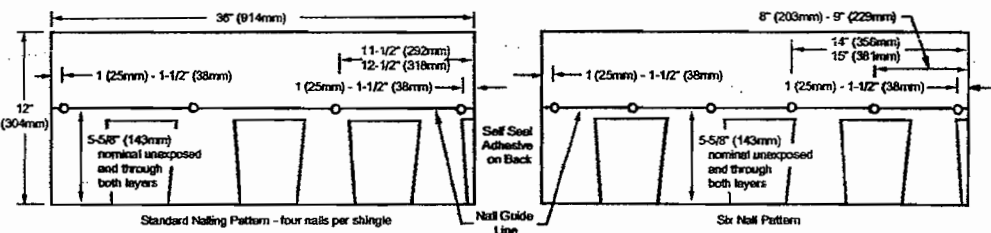
TIMBERLINE[®] Ultra[®] SHINGLES

TIMBERLINE[®] 40 SHINGLES SELECT TIMBERLINE[®] 30 SHINGLES

APPLICATION INSTRUCTIONS

Timberline[®] Series shingles come in either 36" (914mm) or 36-15/16" (938mm) lengths, depending on shingle brand. Application instructions apply to both.

These shingles must be nailed a nominal 5-5/8" (143mm) from bottom of shingles, as shown, to allow for penetration through the double ply area just above the tabs. Nails should remain unexposed.

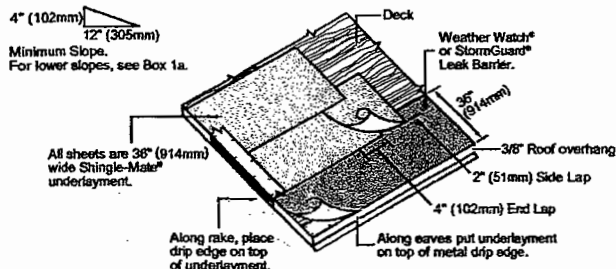


GENERAL INSTRUCTIONS

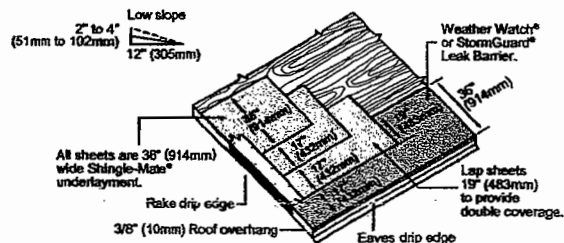
- **ROOF DECKS:** For use on new or reroofing work over well-seasoned, supported wood deck, tightly-constructed with maximum 6" (152mm) wide lumber, having adequate nail-holding capacity and smooth surface. Plywood decking as recommended by The Engineered Wood Assn. is acceptable. Plywood decks for Class A installations must be 3/8" (10mm) thick or greater with underlayments as noted below. Shingles must not be fastened directly to insulation or insulated deck unless authorized in writing by GAF Materials Corporation. Roof decks and existing surfacing material must be dry prior to application of shingles.
- **UNDERLAYMENT:** Underlayment beneath shingles has many benefits, including preventing wind driven rain from reaching the interior of the building and preventing sap in some wood decking from reacting with asphalt shingles. Underlayment is also required by many code bodies. Consult your local building department for its requirements. Where an underlayment is to be installed, a breather-type underlayment such as GAFMC's Shingle-Mate[®] underlayment is recommended. Underlayment must be installed flat, without wrinkles.
- **FASTENERS:** Use of nails is recommended. Use only zinc coated steel or aluminum, 10-12 gauge, barbed, deformed or smooth shank roofing nails with heads 3/8" (10mm) to 7/16" (12mm) in diameter. Fasteners should be long enough to penetrate at least 3/4" (19mm) into wood decks or just through the plywood decks. Fasteners must be driven flush with the surface of the shingle. Over driving will damage the shingle. Raised fasteners will interfere with the sealing of the shingles. For normal installation, four fasteners must be installed per shingle, a nominal 5-5/8" (143mm) up from the bottom of the shingle, to penetrate both layers of the shingle. Fasteners must be installed approximately 1-1/2" (25-38mm) and 11-1/2" (292-318mm) from each side.
- **WIND RESISTANT:** These shingles have a special thermal sealant that firmly bonds the shingles together after application when exposed to sun and warm temperatures. Shingles installed in fall or winter may not seal until the following spring. If shingles are damaged by winds before sealing or are not exposed to adequate surface temperatures, or if the self-sealant gets

- dirty, the shingles may never seal. Failure to seal under these circumstances results from the nature of self-sealing shingles and is not a manufacturing defect. To insure immediate sealing, apply 4 quarter-sized dabs of shingle tab adhesive on the back of the shingle 1" (25mm) and 13" (330mm) in from each side and 1" (25mm) up from bottom of the shingle. The shingle must be pressed firmly into the adhesive. For maximum wind resistance along rakes, cement shingles to underlayment and each other in a 4" (102mm) width of asphalt plastic roof cement.
- NOTE: Application of excess tab adhesive can cause blistering of the shingle. The firm strips on the back of each shingle are to prevent sticking together of the shingles while in the bundle. Their removal is NOT required during application.
- **CANADIAN COLD WEATHER APPLICATIONS:** CSA 123.5-M90 mandates that shingles applied between September 1 and April 30 shall be adhered with a compatible field-applied adhesive. See Wind Resistant for GAF Materials Corporation's recommendations for the application of that adhesive.
- **MANSARD AND STEEP SLOPE APPLICATIONS:** For roof slopes greater than 21° (1750mm/m) per foot (do NOT use on vertical side walls), shingle sealing must be enhanced by hand sealing. After fastening the shingle in place, apply 4 quarter-sized dabs of shingle tab adhesive as indicated in Wind Resistant above. The shingle must be pressed firmly into the adhesive.
- **EXPOSURE:** 5" (127mm)
- **THROUGH VENTILATION:** All roof structures must be provided with through ventilation to prevent entrapment of moisture laden air behind roof sheathing. Proper ventilation is also necessary to help prevent mold growth. Ventilation provisions must at least meet or exceed current F.H.A., H.U.D. or local code minimum requirements.
- **NON-CORRODING METAL DRIP EDGES:** Recommended along rake and eave edges on all decks, especially plywood decks.
- **ASPHALT PLASTIC CEMENT:** For use as shingle tab adhesive. Must conform to ASTM D4586 Type I or II.

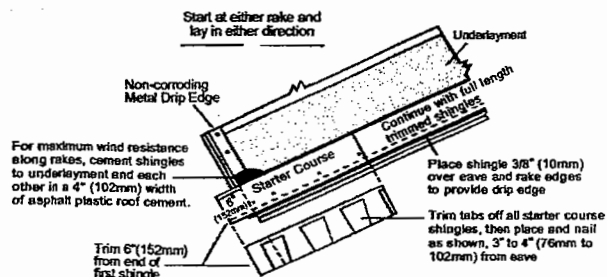
- Underlayment: Standard Slope 4/12 (333mm/m) or more**
Application of underlayment: Cover deck with one layer of underlayment installed without wrinkles. Use only enough nails to hold underlayment in place until covered by shingles.
Application of eave flashing: Install eave flashing such as GAF Materials Corporation Weather Watch[®] or StormGuard[®] Leak Barrier in localities where leaks may be caused by water backing up behind ice or debris dams. Eave flashing must overhang the roof edge by 3/8" (10mm) and extend 24" (610mm) beyond the inside wall line.



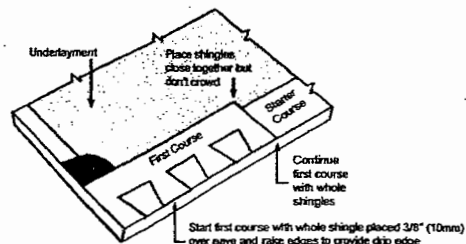
- Underlayment: Low Slope 2/12-4/12 (167mm-333mm/m)**
Application of underlayment and eave flashing: Completely cover the deck with two layers of underlayment as shown. Use only enough nails to hold underlayment in place until covered by shingles. Use blind nailing for eave flashings. At eaves and where ice dams can be expected, use one layer of GAF Materials Corporation Weather Watch[®] or StormGuard[®] Leak Barrier. Eave flashing must overhang the roof edge by 3/8" (10mm) and extend 24" (610mm) beyond the inside wall line. Where ice dams or debris dams are not expected, install 2 plies of Shingle-Mate[®] underlayment.



- Starter Course**
Apply as shown.



- First Course**
Start and continue with full shingles laid flush with the starter course. Shingles may be laid from left to right or right to left. DO NOT lay shingles straight up the roof since this procedure can cause an incorrect color blend on the roof and may damage the shingles.

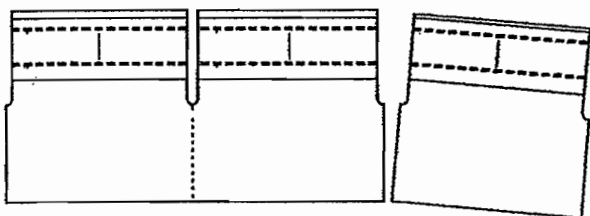


APPLICATION INSTRUCTIONS

TimberCRESTTM Ridge Cap Shingles come in the bundle as 3 attached hip and ridge shingles. Each piece is characterized by a wide tape on the upper portion of the face of the product. The tape indicates where folds are to be made on application of the product.

Step 1

Separate product into individual hip and ridge shingles by breaking at the perforations.



Step 2

Holding the shingle as shown (A), roll the lower edge upwards, bending at the first fold line (B).

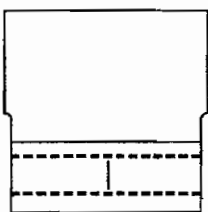


Figure A

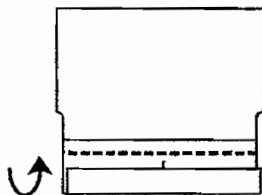


Figure B

Step 3

Continue to roll the lower edge, bending at the second fold line, forming three layers of material in the fold area. This leaves the self-seal dots facing upwards as shown (C).

Step 4

Holding the shingle on the edges, fold along the "ridge line" as indicated (D).

Note: The slit is designed to open up in the area of the fold for stress relief.



Figure C

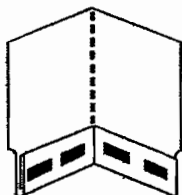


Figure D

Step 5

Roof application: It is good practice to place the butt edges of the shingles away from the prevailing wind direction. The first shingle may be applied as is, but use of asphalt mastic to adhere the leading edge is recommended, or the tab portion of a prepared shingle can be removed, leaving the fold area to be applied with nails. Subsequent full shingles to be applied as illustrated (E). The leading edge of the shingle is positioned to coincide with the folded edge of the underlying shingles and nailed in the folded area as indicated, approximately 1 inch in from the outside edge and 1 inch above the folded edge.

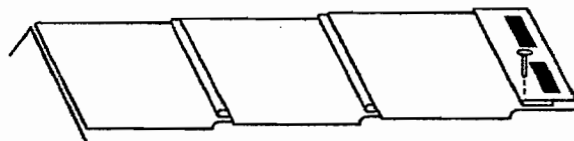


Figure E

For Cold Weather Application

In cold weather, warm TimberCRESTTM Ridge Cap Shingles before bending. Apply with an 6-3/32" exposure beginning at the bottom of the hip or from the end of the ridge opposite the direction of the prevailing wind.

When self-sealing is delayed due to cold weather, or in high wind areas, apply quarter-sized dabs of asphalt plastic cement (must conform to ASTM D4586 Type I or Type II) between ridge cap pieces and press firmly to insure good contact between pieces.

Note: Excessive application of tab adhesive can cause blistering of shingle.

This product is sold with an express LIMITED WARRANTY only. A copy of the LIMITED WARRANTY stating its terms and restrictions is printed on the product wrapper or may be obtained from the distributor of this product or directly from GAF Materials Corporation. Any deviation from printed instructions shall be the responsibility of applicator and/or specifier.

STEP 3

Ridge Vent Installation

Center the Cobra Snow Country ridge vent over the slot with the vent resting firmly against the roof surface. Attach the vent section using roofing nails through the pre-molded nailing holes. Nails must be at least 1.75" or longer so that they will penetrate through plywood decks or at least .75" into wood planks (Figure E).

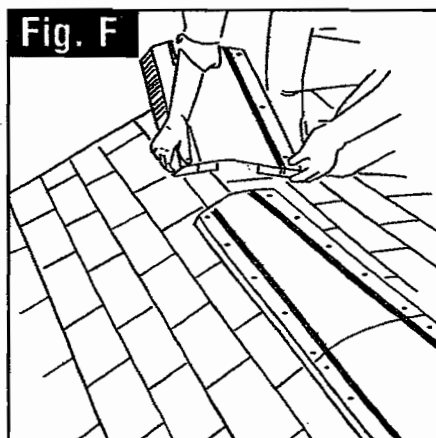
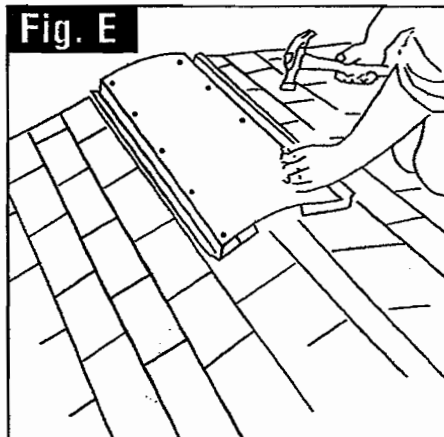
For a uniform appearance, install Cobra Snow Country ridge vent over the entire length of the ridge, making sure that the vent extends past the slot opening by at least 6".

Install Cobra Snow Country ridge vent sections over the length of the ridge using the male/female alignment tabs (Figure F).

Cut the last section to length. Butt the cut end to the last section installed and caulk the joint, leaving the finished end to the outside.

NOTE: For installations in cold weather, leave a 1/8" gap between vent sections to allow for expansion.

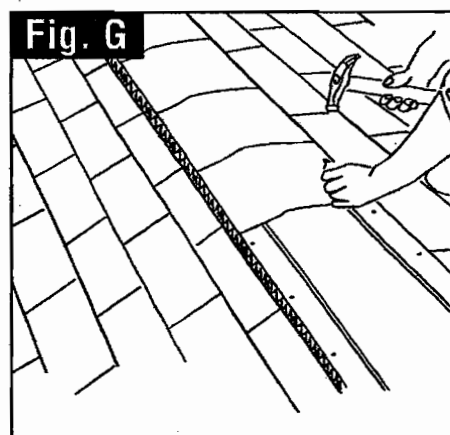
For applications over laminated shingles, apply a bead of silicone caulking or roof cement to the underside of the outer baffle along the entire ridge and at exposed edges so that gaps are completely filled.



STEP 4

Cap Shingle Installation

Install the cap shingles directly to the vent, in the normal manner. Nails must be of sufficient length to penetrate through plywood decks or at least .75" into wood planks. A nail line is inscribed on the top of the vent to serve as a guide (Figure G).



Quality You Can Trust Since 1886...from North America's Largest Roofing Manufacturer

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RESCB145

And Ventilation

GAF
GAF MATERIALS
CORPORATION

Cobra[®] Snow Country[™]

RIGID EXHAUST VENT FOR ROOF RIDGE

APPLICATION INSTRUCTIONS FOR MANUFACTURED/MODULAR HOUSING

Roof Deck: Use only over a well-seasoned, supported wood deck, tightly constructed with maximum 6" wide lumber, having adequate nail-holding capacity. Plywood decking as recommended by the American Plywood Ass'n is acceptable.

Slope Restrictions: Use only on slopes between 3/12 and 12/12.

STEP 1

Calculations for a Balanced Ventilation System

To achieve a "balanced system" with Cobra Snow Country ridge vent, there must be an air intake system (i.e. soffits or under-eave vents). For proper ventilation, the amount of under-eave ventilation must be equal to the amount of ventilation at the ridge. **NOTE:** In no case should the amount of exhaust ventilation exceed the amount of intake ventilation.

To determine the minimum square feet of net free ventilating area (NFVA) needed for a balanced ventilation system, use the following formula:

$$\frac{\text{Sq. ft. of attic floor space}}{300} = \text{Min. Sq. ft. of NFVA needed}$$

Cobra Snow Country ridge vent has 18.5 square inches of NFVA per lineal foot.

To determine how many feet of Cobra Snow Country ridge vent needed, use the following formula:

$$\frac{1}{2} \times (\text{Min. Sq. ft. of NFVA needed}) \times 144 / 18.5 = \text{Min. lineal feet of ridge vent needed}$$

To determine the amount of under-eave vent required, use the following formula:

$$X = \text{NFVA (Sq. in. per. lin. ft.) of the under-eave vent or intake vent system selected}$$

$$\frac{1}{2} \times (\text{Min. Sq. Ft. of NFVA needed}) \times 144 / X = \text{Min. lineal feet of under-eave vent needed}$$

STEP 2

Instruction For Slots

After calculating the total length of Cobra Snow Country ridge vent needed, determine the necessary slot opening required.

NOTE: If installing on an existing roof, remove the cap shingles from the ridge.

Roofs with a single ridge board: cut an opening along the ridge, 1 3/4" on each side of the roof deck (Figure A).

Roofs with a double ridge board: cut an opening along the ridge, 2 5/8" on each side of the roof deck (Figure B).

Mark off and cut the slot opening, making sure that the ends of the opening stop at least 6" from any end walls or hip intersections and 12" from chimneys (Figure C).

Where short ridges (dormers, ridge intersections) are used, mark and cut the slot making sure that the end of the opening stops at least 12" from the ridge intersection (Figure D).

Fig. A

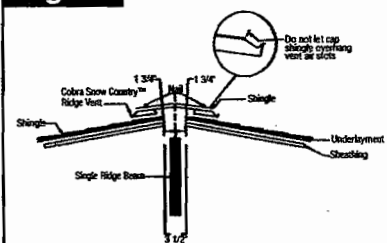


Fig. B

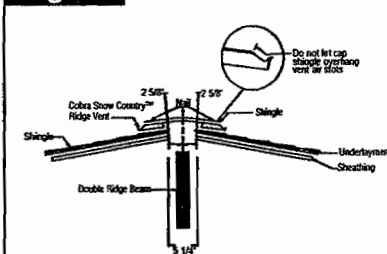


Fig. C

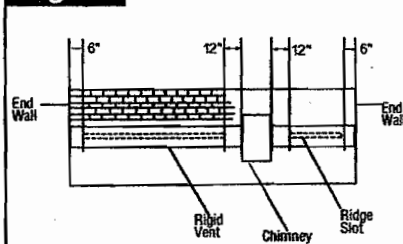
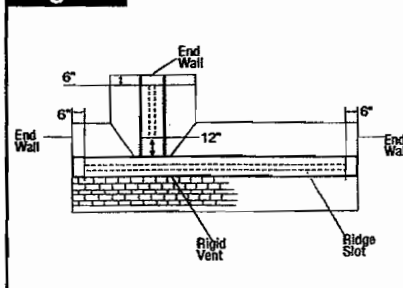


Fig. D



DAILY CONSTRUCTION REPORT

DATE 5/30/03

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70 <u>AM</u>	70-85 <u>PM</u>	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>3 laborers</u>	<u>Dean Bartilucci</u>	

VISITORS

Time	Name	Representing	Remarks
<u>7:30</u>	<u>R. Heling</u>	<u>D+B</u>	<u>Construction Inspection</u>
<u>7:45</u>	<u>M. Sullivan</u>	<u>URS</u>	

EQUIPMENT AT THE SITE:

MATERIALS:

<u>delivery of roll up door.</u>

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 5/30/03

CONSTRUCTION ACTIVITIES:

* URS' subcontractor continued and finalized installation of soffit north side of Treatment System Building.

* URS' subcontractor Dean Builders started with installation of asphalt shingles on north side of Treatment System Building.
Attached are manufacturer's application instructions

DISTRIBUTION

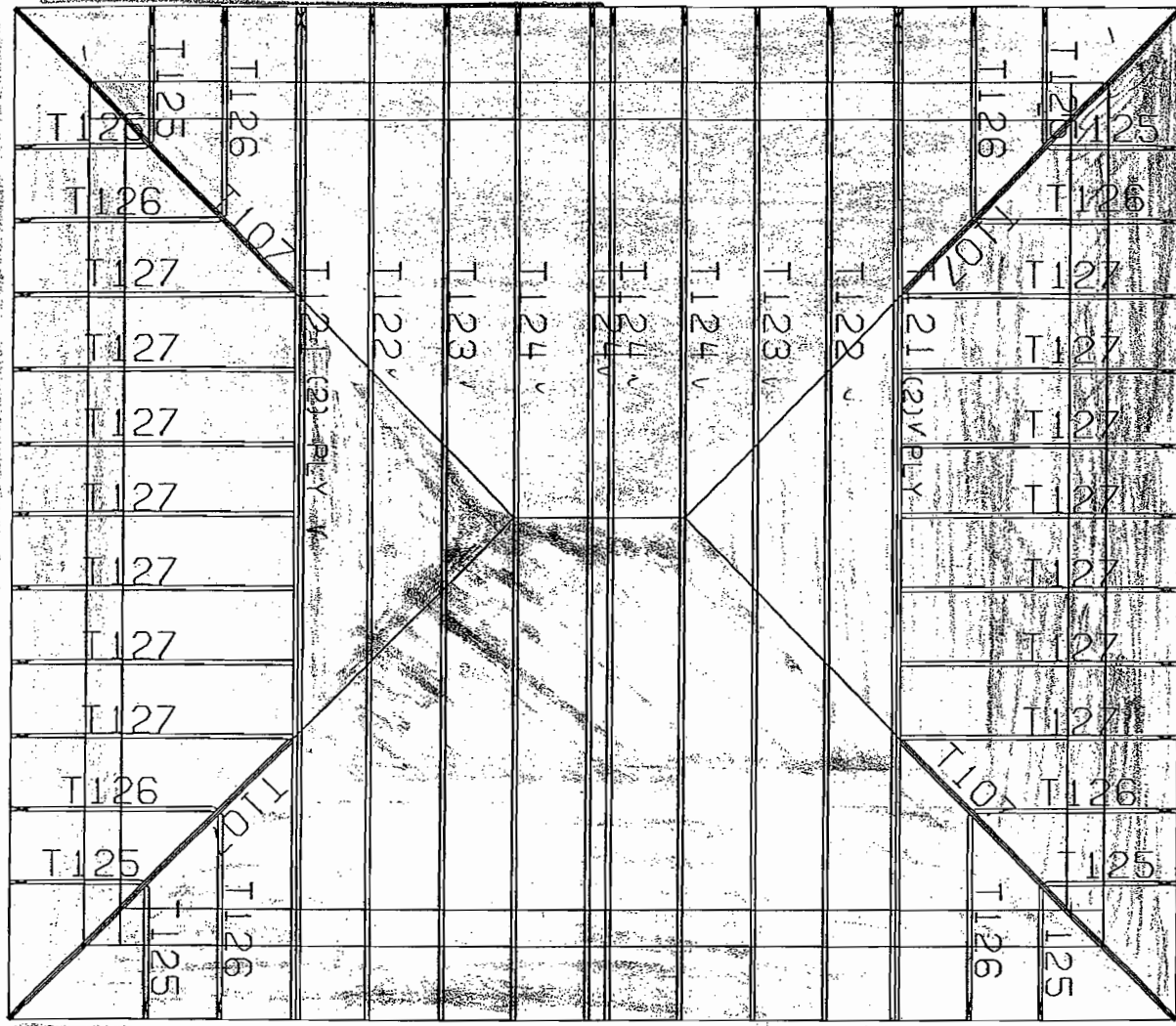
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PAGE 2 OF 2 PAGES

BY R. Heling

TITLE Inspector

28'



23' 4"



Fascia

22/23

1.5
4.5
6.0

URS BUILDING

Shingle installation.

- May 30
- June 3.
- June 6.

PAGE NO:
1 OF 1

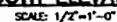
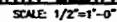
JOB NO:
URS

DESIGNED BY:
Tammy Rose Murr

JOB DESCRIPTION:
URS - FRANKLIN CLEANERS

JOB LOCATION:
HEMPSTEAD, NY MOLLOY COLL.

ob-og



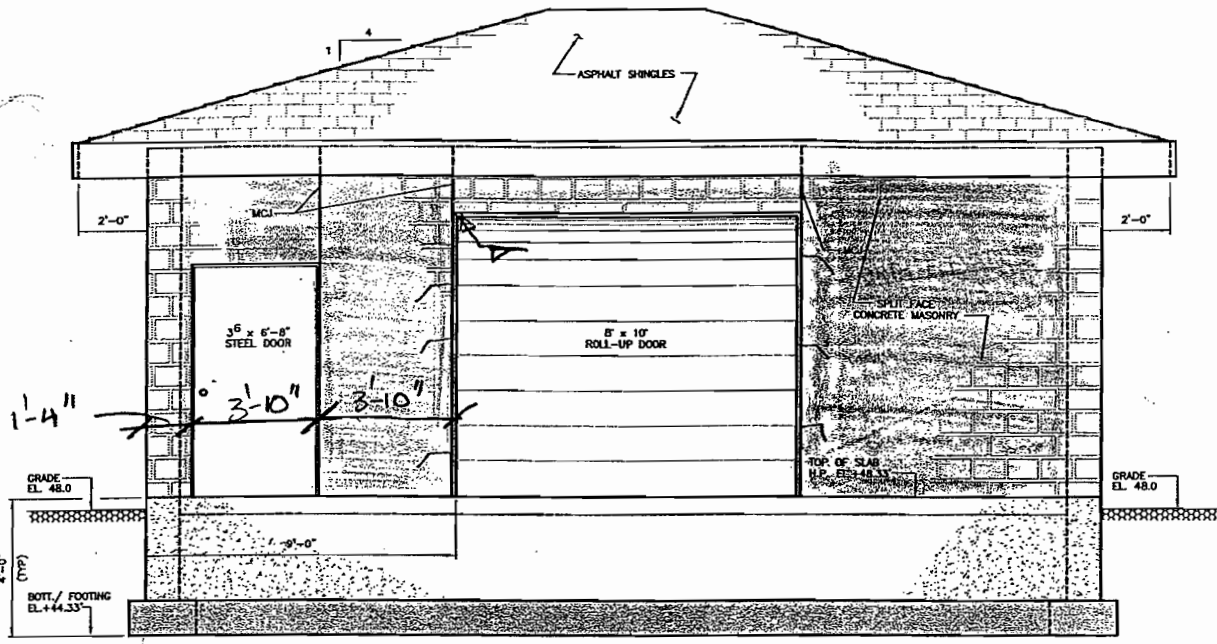
DVIRKA AND BARTILUCCI
CONSULTING ENGINEERS

954 HB

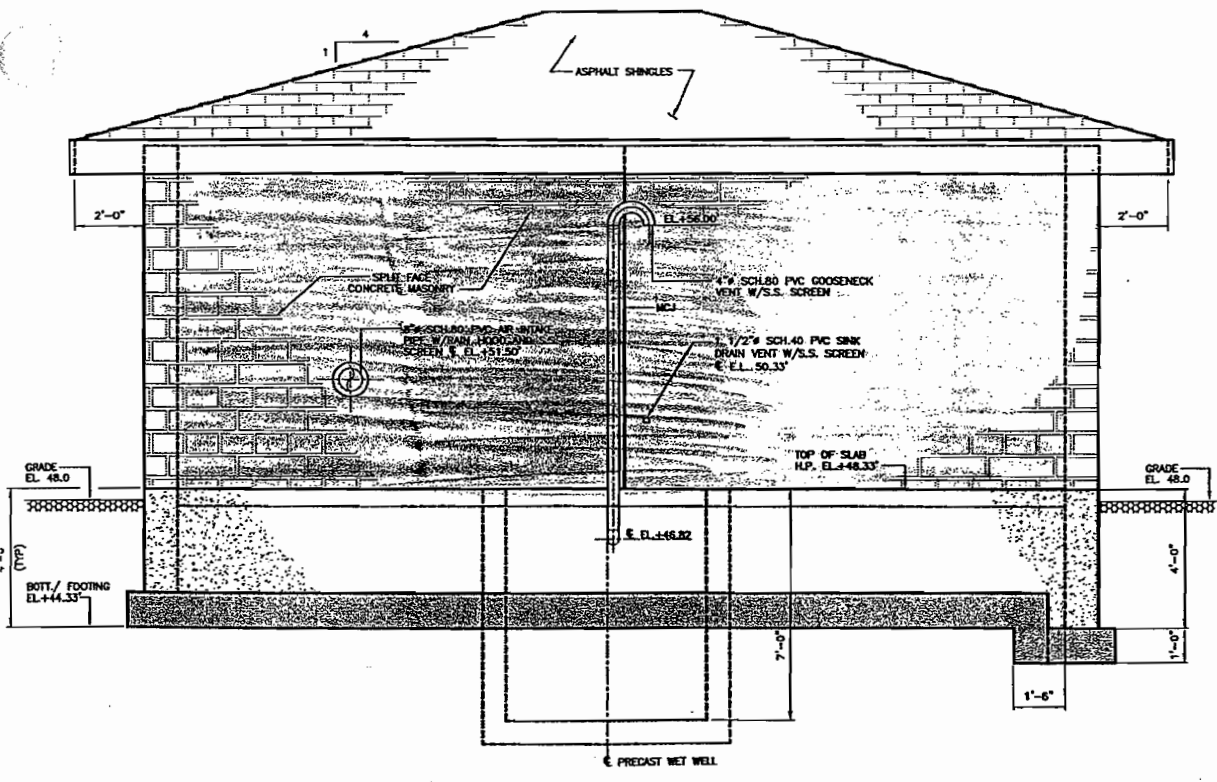
6705

06-02
6 gallons

06-09
4 gallons



EAST ELEVATION
SCALE: 1/2"=1'-0"



WEST ELEVATION
SCALE: 1/2"=1'-0"

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION FRANKLIN CLEANERS SITE GROUNDWATER EXTRACTION AND TREATMENT SYSTEM CONTRACT D004264	ARCHITECTURAL ELEVATIONS	PROJECT NO.	1640	G4
		DATE:	FEBRUARY 2001	
		BY:	AS NOTED	
		SCALE:		

2 gallons



DVIRKA AND BARTILUCCI
CONSULTING ENGINEERS

1st top coat

89956

6705

Topcoat

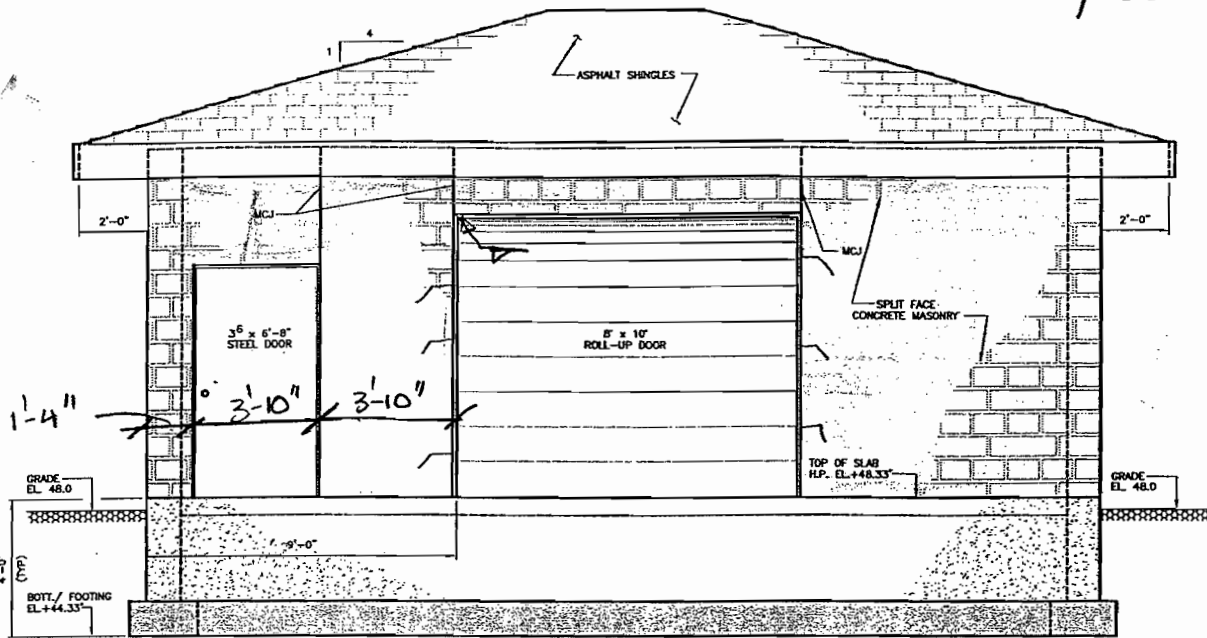
06-04

2 gallons

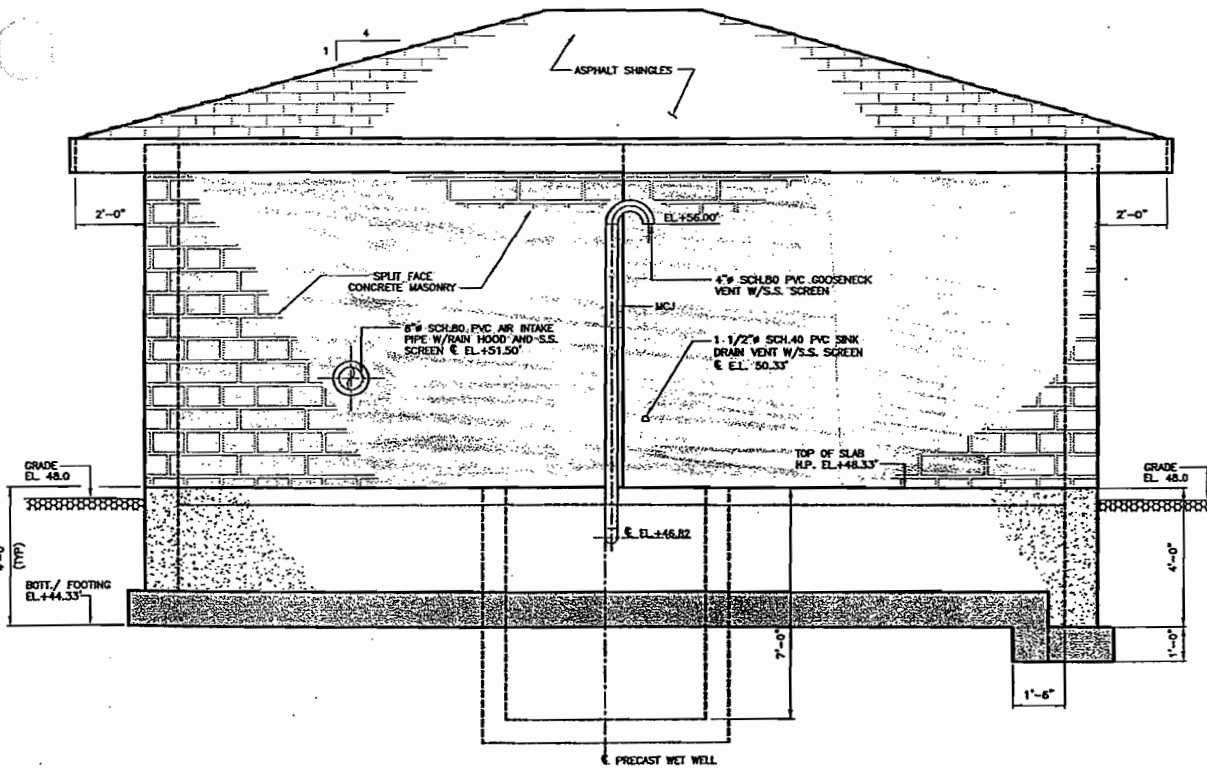
1st coat

06-12

2 gallon



EAST ELEVATION
SCALE: 1/2"=1'-0"



WEST ELEVATION
SCALE: 1/2"=1'-0"

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004264

ARCHITECTURAL ELEVATIONS

PROJECT NO.

1640

DRAWING NO.

G4

DATE

FEBRUARY 2001

SCALE

AS NOTED



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.	
PROJECT ENGINEER D.S.C.	DRAWN BY T.M.C.
DESIGNED BY E.B.	CHECKED BY R.T.S.



DVIRKA AND BARTILUCCI
CONSULTING ENGINEERS

CONSULTING ENGINEERS
A DIVISION OF THE BUREAU OF ENGINEERING CONSULTANTS, INC. D.C.

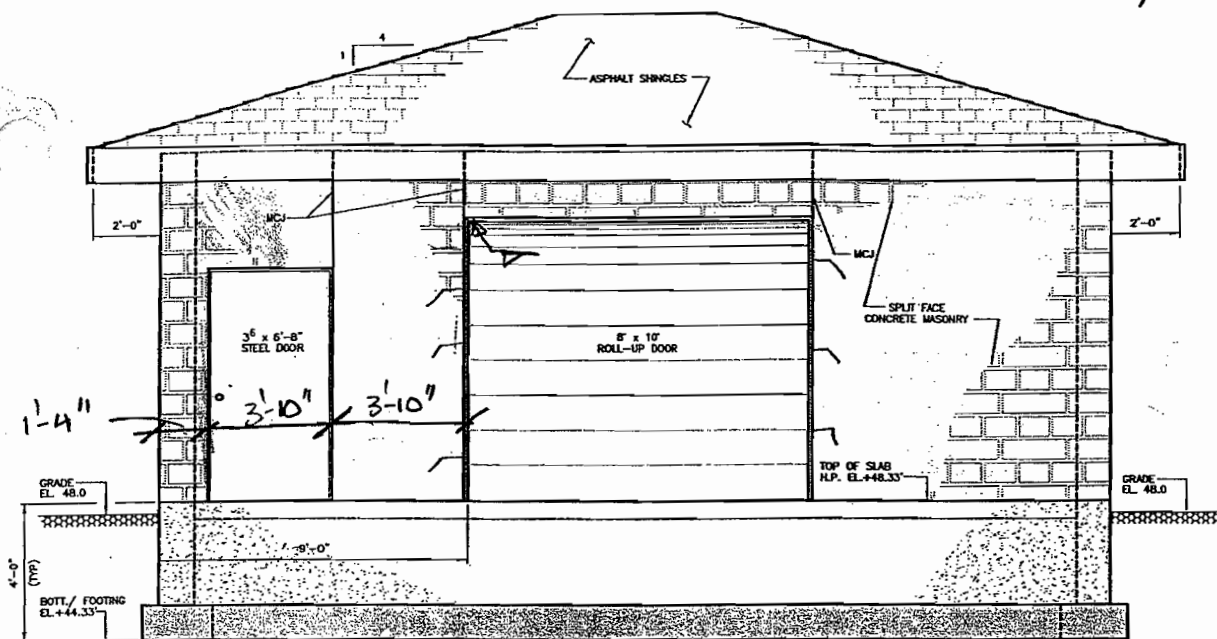
2nd top coat

8q3 56
C705
topcoat

6/11
2 gallons.

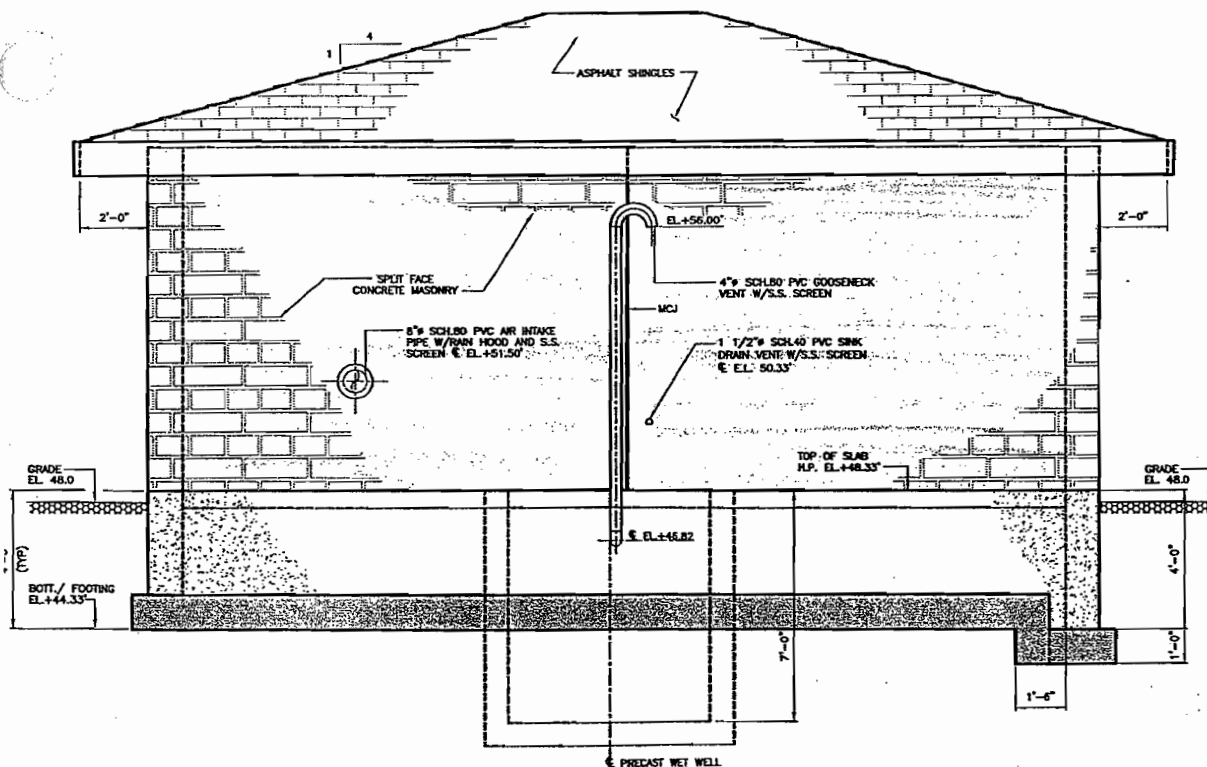
6/12

6/18/03
2 gallons.



FAST ELEVATION

SCALE: 1/2"=1'-0"



WEST ELEVATION

SCALE: 1/2"=1'-0"

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004264

ARCHITECTURAL ELEVATIONS

PROJECT NO. 1840

DATE: FEBRUARY 2001

NOTE: AS NOTED

G4

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/02/03

CONSTRUCTION ACTIVITIES:

- * URS subcontractor Dean Builders started painting interior concrete walls. (see attached painting schedule for details)
- * URS subcontractor Dean Builders installed caulking on outside Treatment System Building wall @:
 - man door m/j
 - roll up door m/j (left side)
 - masonry control joint west side building.
- * Contractor notified that damaged gears surfaces at sewer discharge point (during well development) have to be fixed on Wednesday June 4, 2003.

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY

R. Heling

TITLE

Inspector

DATE 06-02-03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>2 laborers</i>	<i>Dean Builders</i>	<i>Painting walls</i>

VISITORS

Time	Name	Representing	Remarks
<i>7:30 7:40</i>	<i>R. Helwig E. Haywood</i>	<i>D+B URS</i>	<i>Construction Inspection Site Supervisor.</i>

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

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PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/03/03

CONSTRUCTION ACTIVITIES:

- * URS' subcontractor Dean Builders continued with installation of roof shingles on west
- * Tazie Babas (subcontractor Dean Builders) installed roll up door

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE _____ OF _____ PAGES

BY

R. Helwig

TITLE

Inspector

DATE 06-03-03

DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. Y	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
3 laborers 2	Dean Builders. Tactic Caked	Install roof shingles. Installation roll up door.

VISITORS

Time	Name	Representing	Remarks
7:50	R. Heling E. Hayward	D+B URS	Construction Inspection. Site Supervisor

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

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PAGE 1 OF ____ PAGES

BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06-04-03

CONSTRUCTION ACTIVITIES:

- * URS' subcontractor Dean Builders continued and finished soffit installation on east side of Treatment System Building.
- * URS' subcontractor Dean Builders prepared surface of ceiling for painting/coating activities.
- * Dean Builders' subcontractor Ocean Steel Supply welded lintel roll up door.
- * URS' Subcontractor Dean Builders applied first layer of topcoat on interior of building wall. See attachment for details area's painted.

DISTRIBUTION

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BY

R. Heling

TITLE

Inspector

DATE 06-04-03

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70 ATT	70-85 ATT	85+up
Still X	Moder.	High	Report No.	
Dry	Moder.	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
3 Laborers 2	Dean Builders Clean Steel Supply	Painting soff. it. Welding lintel.

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D+B	Construction Inspection
8:30	F. DeVita	D+B	Project Manager.
7:00	E. Haywood	URS	Site Supervisor.
10:15	K. Sullivan	URS	Project Manager.
1:40	R. Baronowski	URS	

EQUIPMENT AT THE SITE:

Bobcat
Backhoe CAT

MATERIALS:

Delivery of: - flugt discharge pumps + electric panel + accessories.
- water tank.
- misc piping supply
- portable hoist.

DISTRIBUTION

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BY R Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/05/03

CONSTRUCTION ACTIVITIES:

- URS subcontractor ALB installed 2" SPR 26 pvc inflow lines and backfilled area of excavation.
- JK Electric installed electrical conduits for extraction well vaults (2 times 2" and 2 times 1")
- URS subcontractor Dean Builders started with first coat on ceiling
- AGE's subcontractor Duraforn started cleaning joints of or installation of caulking, but did not finish job. Will be back on Friday.

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BY

R. Heling

TITLE

Inspector

DATE 06/05/03

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 Laborers Jim. + Thomas + Jim Jr Kilbullen 3 Laborers E. Olsen	Dean Builders JK Electric Chevalley Wallace ACE	Painting ceiling. Installation E-Condutits. Pipe installation. Operator.

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	R. Helwig	DIB	Construction Inspection
7 ⁰⁰	E. Hayward	URS	
8 ³⁰	R. Baronowski	URS	

EQUIPMENT AT THE SITE:

- Bobcat Ingersoll Rand 715
- Backhoe CAT 71315
- Plate compactor Wacker

MATERIALS:

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 05-06-03

CONSTRUCTION ACTIVITIES:

- * URS' subcontractor, Dean Builders continued and finished installation of asphalt roof shingles including cap shingles and ridge vent.
- * AGE' subcontractor Duroform installed caulking around concrete slab, wet well and valve vault. 67 gallons of approved NP2
- * AGE started grading activities along discharge trench and influent lines.

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BY

R. Healy

TITLE

Inspector

DATE 06-06-03

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 <input checked="" type="checkbox"/>	85+up
WIND	Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
3 laborers 1 laborer 2 laborers	Dean Builders Poura form- ACE	Roof shingles Caulking Grading.	
VISITORS			
Time	Name	Representing	Remarks
7:30 7:00	R. Helwig E. Hayward	D+B URS	Construction Inspection Site Supervisor.

EQUIPMENT AT THE SITE:
Robert Ingersoll Rand 715
Backhoe CAT 91315
MATERIALS:

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BY R. Helwig TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/09/03

CONSTRUCTION ACTIVITIES:

* UES subcontractor Puraform installed chemical hardener on Saturday June 7, 2003 (concrete slab)

* UES subcontractor Dean Builders continued with painting activities:

- 2nd top coat on ceiling.

- primer on floor

- ~ on remaining part of wall. For details see painting schedule.

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BY R Heling

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE 06-09-03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>2 Laborers</u>	<u>Dean Builders</u>	<u>loading + Painting</u>

VISITORS

Time	Name	Representing	Remarks
<u>07:30</u> <u>7:00</u>	<u>R. Heling</u> <u>E. Haywood</u>	<u>D+B</u> <u>URS</u>	<u>Construction Inspection</u> <u>Site supervisor.</u>

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

RICHARD FRENCH
Sales Representative

Cellular: 201/415-4542

PROJECT Franklin Cleaners Site (off-site)

NYSDEC # 1-30-050

High Performance Coating Systems

CONSTRUCTION ACTIVITIES:

* Conversation with Carboline's sales representative regarding curing time primer for floor and skid resistant finish. He recommended to install top coat after at least 24 or 32 hours. Sales rep will send information regarding skid resistant finish to URS.

* No construction scheduled for rest of the day.

* @ 3 pm URS' site supervisor called me that they started with first top coat for floor. (# 893 color 0954 2 gallons)

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BY R. Heling TITLE Inspector

DATE 06/10/03

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun <input checked="" type="checkbox"/>	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 <input checked="" type="checkbox"/>	85+up
WIND	Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	

VISITORS			
Time	Name	Representing	Remarks
7:30	R. Heling	DIB	Construction Inspection Site supervisor Scales Representative.
7:00	E. Haywood	URS	
7:30	R. French	Carboline	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 6/11/03

CONSTRUCTION ACTIVITIES:

- * URS subcontractor Dean Builders installed caulking around building between soffit and split face block.
- * URS subcontractor Dean Builders installed painting:
 - second topcoat on walls (north + west side)
 - " " on floor including skid resistant finish.

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BY R. Helwig

TITLE Inspector

DATE 06-11-03

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 Laborers	Dean Builders	Painting + Caulking.

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D+B	Construction Inspection
9:15	F. DeVita	D+B	Project Manager
11:00	J. Tread.	NYSDEC	
7:00	E. Haywood	URS	Site Supervisor
9:15	K. Sullivan	URS	Project manager.
7:00	R. Baronowshie	URS	Site Super.

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 6/12

CONSTRUCTION ACTIVITIES:

- * URS subcontractor Dean Builders continued with painting ^{interior of} ~~solid~~ face block walls
- * URS subcontractor A6# started with installation of topsoil starting @ Franklin Ave and is working towards Treatment System Building
- * URS started with installation of treatment system components
 - air stripper
 - blower
 - containment island
 - carbon vessels
 - piping header

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BY R. Helwig TITLE Inspector

DATE 06-12-03

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>2 laborers</u>	<u>Dean Builders</u>	<u>Painting, cleaning.</u>

VISITORS

Time	Name	Representing	Remarks
<u>7³⁰</u>	<u>R. Helwig</u>		
<u>7⁰⁰</u>	<u>E. Haywood</u>		
<u>7⁰⁰</u>	<u>S. Monab.</u>		
<u>7⁰⁰</u>	<u>R. Baronowski</u>		
<u>9³⁰</u>	<u>K. Sullivan</u>		
<u>10⁰⁰</u>	<u>G. Congemi</u>		

EQUIPMENT AT THE SITE:

Bobcat
Forklift

MATERIALS:

Delivery of PVC materials
carbon vessels + manifold.

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/13/03

CONSTRUCTION ACTIVITIES:

- * URS continued with installation piping between airtanker and blower (including leveling and final position of blower)
- * URS Site supervisor E Haywood notified me that top soil was cancelled due to weather. Installation of manhole is scheduled for Monday June 16 2003

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BY

R. Helwig

TITLE

Inspector

DATE 06/13/03

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain X	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
8 ⁰⁰	R. Helwig	D+B	Construction Inspection Site Supervisor. Site Safety Health Officer.
7 ⁰⁰	E. Hayward	URS	
7 ⁰⁰	R. Baronowski	URS	
7 ⁰⁰	S. Morales	URS	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Helwig

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 6/16/03

CONSTRUCTION ACTIVITIES:

- * Site walk with _____ from Parks Department and discussion about planting + seeding mixtures
- * URS subcontractor ABK continued with grading activities along discharge trench
- * URS continued with piping installation.
 - placing valves + fittings wet well
 - piping supports airstripper → blower

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BY

R. Heling

TITLE

Inspector

DATE 06/16/03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>4 laborers</u>	<u>URS</u>	<u>Piping installation</u>

VISITORS

Time	Name	Representing	Remarks
<u>7³⁰</u>	<u>R Heling</u>	<u>D+B</u>	<u>Construction Inspection</u>
<u>9⁰⁰</u>	<u>F DeVita</u>	<u>D+B</u>	<u>Project Manager</u>
<u>9³⁰</u>	<u>E Hayward</u>	<u>URS</u>	<u>Site Supervisor</u>
<u>7⁰⁰</u>	<u>S Morales</u>	<u>F: URS</u>	<u>Field Technician</u>

EQUIPMENT AT THE SITE:

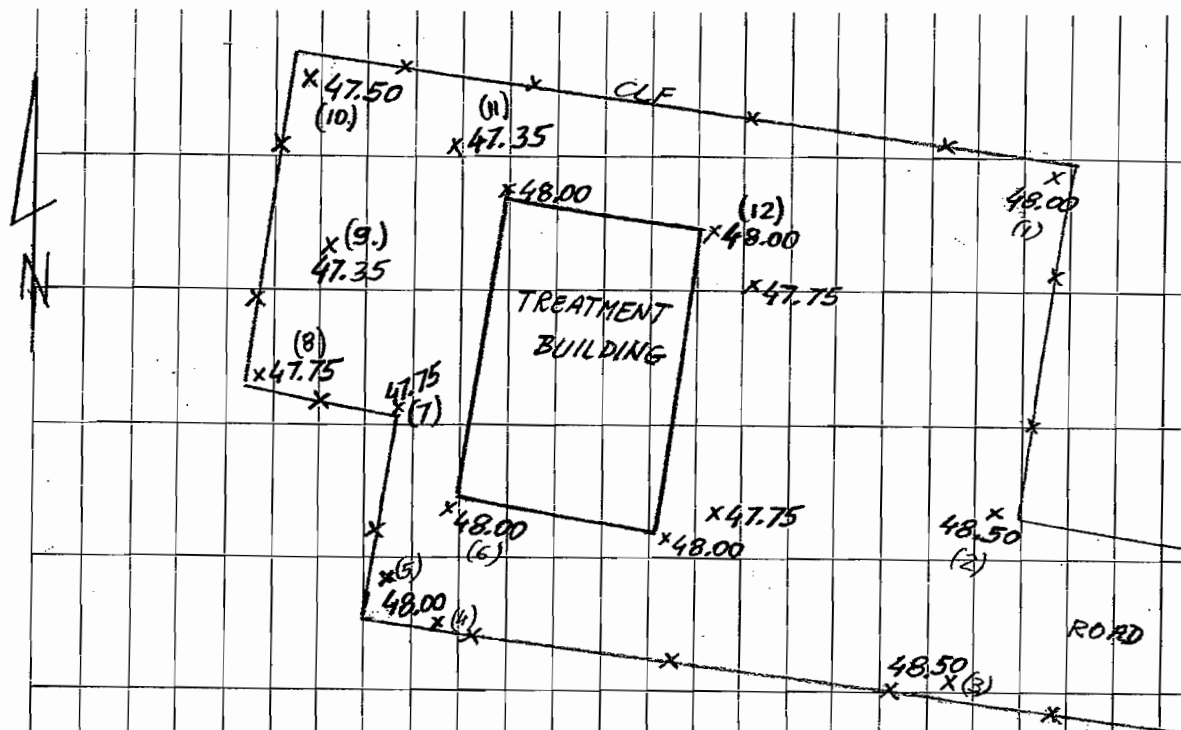
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BY R Heling TITLE Inspector

6/17/03 URS - FRANKLIN CLEANERS



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/17/03

CONSTRUCTION ACTIVITIES:

Massand Engineering on site to establish as built measurements
- influent lines
- stakes for grading area within permanent fence.

URS's subcontractor AGE delivered 1 load of topsoil (30 yd³)

URS continued with installation of piping

- suction side airstripper.*
- smooth out and cleaning valve vault*
- apply first coat of Sikagard 62 in valve vault.*

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BY

N. Hehij

TITLE

Inspector

DATE 06/19/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 Surveyors 3 Laborers 1 Operator E. Olsen	Massand Engineering URS Construction AGE AGE	Installation of topsoil

VISITORS

Time	Name	Representing	Remarks
8 ⁰⁰	R Helmy	D+B	Construction Inspection Site Super vior Field Technician. Project Manager.
9 ⁰⁰	E Haywood	URS	
9 ⁰⁰	S Monahan	URS	
10 ⁰⁰	K Sullivan	URS	

EQUIPMENT AT THE SITE:

Bobcat
Excavator Caterpillar 11315

MATERIALS:

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BY R Helmy TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/18/08

CONSTRUCTION ACTIVITIES:

- * URS subcontractor Dean Builders completed painting activities, 2nd top coat on south wall of Treatment System Building.
- * URS continued with installation of piping:
 - second coat on walls and floor valve vault
 - installation Trenchco coupler suction side A.R. stepper
 - levelling base plate Flygt pumps wet well
 - install side walls containment island
- * @ 11:45 am Sam Morales sent 3 laborers home due to not enough work available.

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BY R. Helwig

TITLE Inspector

DATE 06/18/03

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>4 laborers</u>	<u>URS / Construction Force</u>	<u>Installation piping</u>

VISITORS

Time	Name	Representing	Remarks
<u>8⁰⁰</u>	<u>R. Hehling</u>	<u>D+B</u>	<u>Construction Inspection</u> <u>Site Supervisor.</u> <u>Field Technician.</u>
<u>7⁰⁰</u>	<u>E. Haywood</u>	<u>URS</u>	
<u>7⁰⁰</u>	<u>S. Morales</u>	<u>URS</u>	
<u>7⁰⁰</u>	<u>G. Gangemi</u>	<u>URS</u>	

EQUIPMENT AT THE SITE:

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BY R. Hehling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/19/03

CONSTRUCTION ACTIVITIES:

- * URS Subcontractor AGE started woodchipping
- * URS continued with installation of piping and supports
 - pressure letdown side blowers to header.
 - measurements check valve in valve vault.
 - adjustments piping inside wet well.
- * Contractor notified that caulking between split face block and soffit shall be ~~white~~ same color. It was agreed that the color shall be white. Only south side is done with white caulking, the other side are done with clear caulking. URS Site supervisor acknowledged and agreed and will fix it.
- * URS started baseline sampling groundwater monitoring wells ASMW-2. Split sample collected by Chris Rogers and sample was sent to Mitecham lab. URS stored sample in cooler @ other site and sample will be shipped together with samples ASMW-1-3-4-5 to be collected.
- * Contractor installed erosion control fence along Franklin Avenue about 50 feet.

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BY

R. Helwig

TITLE

Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 6/20/03

CONSTRUCTION ACTIVITIES:

- * *URS contingent with piping installation:*
 - *put up temporary manhole (plywood)*
 - *piping sink drain / jet pump (25%)*
 - *influent piping (50%)*
 - *18" carbon vessel header*

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BY

R. Helwig

TITLE

Inspector

DATE 6/20/03

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
4 laborers	Construction Force	Piping installation.	

VISITORS			
Time	Name	Representing	Remarks
7:30	R. Heling	D+B	Construction Inspection
7:00	S. Morales	URS	Field Technician
{	E. Haywood	URS	Site Supervisor
	R. Baronowski	URS	Super Intendant.

EQUIPMENT AT THE SITE:

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BY R. Heling TITLE Inspector

Data Continuation Sheet

Page 2 of 2

Project Name: Franklin Cleaners

Date: 6/23/63

Project No.: 80-7260

Monitoring Well No.: MW-5

[illegible]

COMMENTS/REMARKS:

[illegible]

Monitoring Well Sampling Data Sheet

Page 1 of ____

Project Name: Franklin Cleaners Project No.: 807260
 Weather Conditions: Sunny Date: 6/23/03
 Sample Team: Torch/Greg
 Sampling Event: Pre-startup

Instrument Calibration Data:

Horiba Meter Model #: V-22
 Calibration of Parameters: Temp 4.8 pH 6.4 Conductivity 17 D.O. 3.5 Turbidity 23
 Auto Calibration ☒ Manual Calibration ☐
 ORP Meter: Manuf/Model _____ CGI Meter: Manuf _____ Model # _____ Calibration _____
 Calibration of Parameters: ORP _____ PID/FID: Manuf _____ Model # _____ Calibration _____
 Sampling Method /Description: low-flow Pump Type: Redi-Flow

Monitoring Well No.: MW-5

Inner Casing Dia. (in): 2 1/4 Distance from Grd to Ref. Pt. (ft): _____
 Ref. Point Elev. (ft. MSL): _____ Depth to Top of Screen/Bottom of Casing (ft): _____
 Depth to Bottom (ft): 100+ Well Material (PVC or Steel): _____
 Depth to Water (ft): 19.9 Water Column (ft): _____
 Analytical Parameters: VOC _____ Total Metals _____
 HCl added to VOC's _____ HNO3 added to metals _____
 Depth of Pump Placement (ft): 25
 Corresponding Field Blank: _____ Corresponding Trip Blank: _____ Duplicate: _____

Time:	Vol Purged:	pH:	Temp C:	Cond (mS/cm):	DO(ppm):	Turb(NTU)	ORP
1538		6.42	16.8	17	3.5	23	184
1543	5 gal	6.39	16.8	16	2.5	2	164
1548	5 gal (10)	6.27	16.0	17	2.0	13	93
1553	5 gal (15)	5.40	16.1	23	1.0	0	121
1558	5 gal (20)	5.35	16.2	23	0.9	110	100
1603	5 gal (25)	5.12	16.3	30	0.8	120	117
1608	5 gal (30)	5.07	16.3	30	0.6	122	117
1613	5 gal (35)	5.02	16.1	32	0.6	120	121
1618	5 gal (40)	4.98	15.8	32	0.5	57	115
1623	5 gal (45)	4.98	15.9	32	0.5	39	111
1628	5 gal (50)	4.91	16.0	32	0.5	33	107

(Use Page 2-continuation sheet if more space is needed.)

Comments/Remarks/Exceptions:

FC-ASMW-5-01-RE

Monitoring Well Sampling Data Sheet

Page 1 of 1

Project Name: Franklin Cleaners Project No.: 807260
 Weather Conditions: Sunny Date: 6/23/03
 Sample Team: Dave / Greg
 Sampling Event: Pre-startup

Instrument Calibration Data:

Horiba Meter Model #: U-22
 Calibration of Parameters: Temp 16.6 pH 5.74 Conductivity 33 D.O. 2.6 Turbidity 4
 Auto Calibration ☒ Manual Calibration ☐
 ORP Meter: Manuf/Model _____ CGI Meter: Manuf _____ Model # _____ Calibration _____
 Calibration of Parameters: ORP _____ PID/FID: Manuf _____ Model # _____ Calibration _____
 Sampling Method /Description: low flow Pump Type: Redi-Flow

Monitoring Well No.: MW-4

Inner Casing Dia. (in): 2" Distance from Grd to Ref. Pt. (ft): _____
 Ref. Point Elev. (ft. MSL): _____ Depth to Top of Screen/Bottom of Casing (ft): _____
 Depth to Bottom (ft): 100' Well Material (PVC or Steel): _____
 Depth to Water (ft): 18.6 Water Column (ft): _____
 Analytical Parameters: VOC _____ Total Metals _____
 HCl added to VOC's _____ HNO3 added to metals _____
 Depth of Pump Placement (ft): _____
 Corresponding Field Blank: N/A Corresponding Trip Blank: N/A Duplicate: N/A

Time:	Vol Purged:	pH:	Temp C:	Cond (mS/cm):	DO (ppm):	Turb (NTU)	ORP
1600		5.74	16.6	33	2.6	4	205
1605	5 gal	5.81	16.6	33	1.9	0	199
1610	5 gal (10)	5.45	16.5	34	1.3	78	208
1615	5 gal (15)	5.21	16.4	35	1.4	88	228
1620	5 gal (20)	5.19	16.4	35	1.6	110	230
1635	5 gal (25)	5.19	16.4	35	1.5	110	231
1640	5 gal (30)	5.17	16.4	35	1.5	110	232
1645	5 gal (35)	5.20	16.5	35	1.5	110	233
1650	Sampling	5.20	16.5	35	1.5	110	233

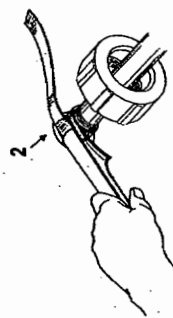
(Use Page 2-continuation sheet if more space is needed.)

Comments/Remarks/Exceptions:

FC-ASMW-4-01-RE

STEP 3

Wrench Make Up - The valve components must always be installed using commercially available strap wrenches. Do not use conventional pipe wrenches, which can cause damage to plastic piping materials. Apply wrench make-up of no more than 1 to 2 turns beyond finger-tight thread engagement. Care must be taken in final positioning so as to avoid the need to "Back-up" the wrench assembly.



FLANGED CONNECTIONS

Once a flange is attached to the pipe or valve, the method of joining two flanges are as follows:

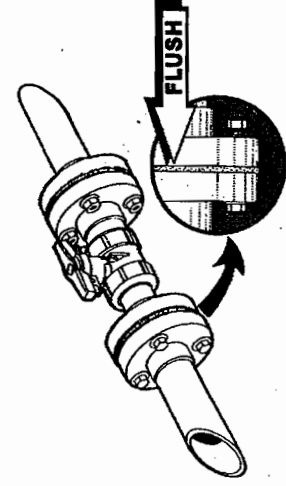
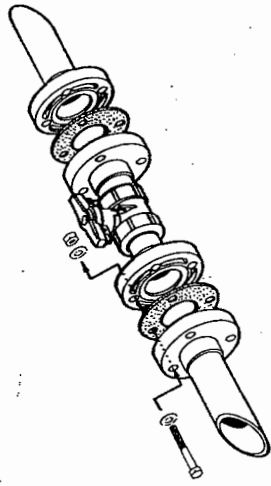
STEP 1

Use of well lubricated bolts & flat washers are required. Use an anti-seize lubricant such as IMS Cooper Flake.



STEP 2

With a 1/8" gasket having a shore "A" durometer of approximately 60 in place, align the bolt holes of the mating flanges by rotating the ring into position. Insert all bolts, washers, and nuts.

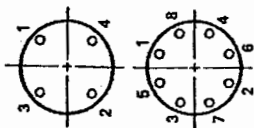


Tighten the nuts by hand until they are snug.

AT THIS TIME, BE SURE THAT THE FLANGE AND GASKET SURFACES ARE FLUSH AND SQUARELY ALIGNED.

BOLT TORQUES

Valve Size	Torque Value
1/2" to 1-1/2"	12 ft. lbs.
2" to 4"	25 ft. lbs.
6" Venturi	40 ft. lbs.

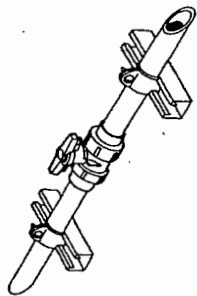


STEP 3

Tighten Bolts - Establish a uniform pressure over the flange face by tightening the bolts in 5 ft. lbs. increments following a 180° opposing sequence as shown in the table above. Care must be taken to avoid "BENDING" the flange when joining a Spears flange together. DO NOT USE BOLTS TO BRING TOGETHER IMPROPERLY MATED FLANGES.

PRECAUTIONS AND WARNINGS

CAUTION: The system must be designed and installed so as not to pull the components in any direction. Pipe system must be cut and installed in such a manner as to avoid all stress loads associated with bending, pulling, or shifting. All piping systems must be supported.



CAUTION: BEFORE THE VALVE IS CYCLED, all dirt, sand grit or other material shall be flushed from the system. This is to prevent scarring of internal components; e.g. ball, cup, wedge, seats, etc.

WARNING: System should not be operated or flushed out at flow velocities greater than 5 feet per second.

NOT FOR USE WITH COMPRESSED AIR OR GAS

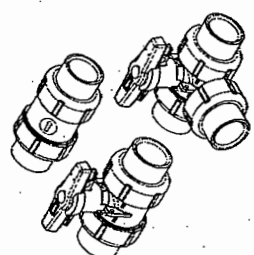
WARNING: Do not use compressed air or gas to test any PVC or CPVC thermoplastic piping product or system, and do not use devices propelled by compressed air or gas to clear the systems. These practices may result in explosive fragmentation of system piping and components causing *bodily injury or death*.

All air must be bled from the system during the initial fluid fill. Pressure testing of the system must not be made until all solvent cement joints have properly cured. Initial pressure testing must be made at approximately 10% of the system hydrostatic pressure rating to identify potential problems prior to testing at higher pressures.

True Union Ball, Ball Check & 3-Way Ball Valve Installation Instructions

TU-3A-0303

These instructions cover general installation for all Spears PVC, CPVC & PP True Union 2000 Industrial Ball, Ball Check & 3-Way Ball Valves & Regular Style True Union Ball & Ball Check Valves. All applicable instructions & procedures should be read thoroughly before starting. Suitability of the intended service application should be determined prior to installation. Plastic piping systems should be engineered, installed, operated & maintained in accordance with accepted standards & procedures for plastic piping systems.



SPECIAL INSTALLATION INFORMATION

True Union type ball valves use removable end connectors. To avoid problems, NEVER ASSEMBLE THE JOINT TO THE END CONNECTORS WHILE THEY ARE ATTACHED TO THE VALVE CARTRIDGE.

Check Valves may be installed in either horizontal or vertical position with a minimum of 10 pipe diameters from any pump or other source of turbulence. Check valves MUST be installed with the valve's "FLOW" arrow pointing in the direction of flow.

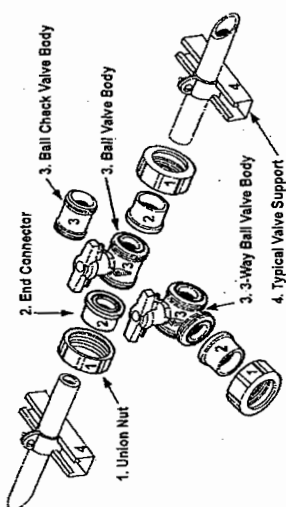
Vented Ball Valves : (special ordered "Bleach Valve") install valve with ball vent-hole on the pressure (upstream) side when in closed position.

IMPORTANT: Read Precautions & Warnings for all Valve Installations at the end of these instructions. It is absolutely necessary that all design, installation, operation & maintenance personnel be trained in proper handling, installation & precautions for installation & use of plastic piping systems before starting.

LUBRICATION WARNING: Some lubricants, including vegetable oils and thread cutting oils, are known to cause stress cracking in thermoplastic materials. Commercially available pipe gasket lubricant suitable for PVC & CPVC should be used where lubrication is needed for installation or maintenance service (SEACORD EASE-ON or equivalent). These water-soluble lubricants can be mixed with water where a "MILD SOAP & WATER SOLUTION" is specified to be used. Choice of lubricant is at the discretion of the installer.

INSTALLATION INSTRUCTIONS FOR SOLVENT WELDING APPLICATIONS

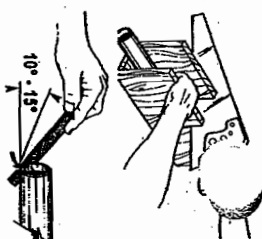
Remove Union Nuts (1) and End Connectors (2) from the Valve Body (3). Instructions apply to Ball, Ball Check & 3-Way. All components should be removed from packaging & exposed to the installation environment for a minimum of 1 hour to thermally balance the components. Wipe clean and match all components to their assigned identification numbers.



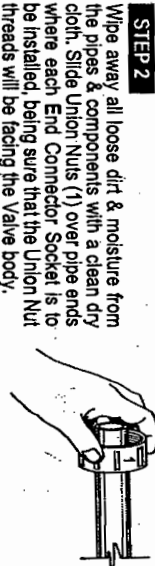
SPEARS® MANUFACTURING COMPANY
CORPORATE OFFICE
15853 Olden St., Sylmar, CA 91342
PO Box 9203, Sylmar, CA 91392
(818) 364-1611 • www.spearsmfg.com

REPEAT PRIMER ACTION IF NECESSARY.

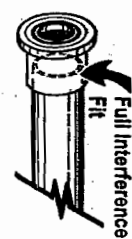
THE MOST FREQUENT CAUSE OF JOINT FAILURE IS INADEQUATE PRIMER PENETRATION AND SOFTENING OF BONDING SURFACES DURING THE WELDING OPERATION. TAKE EXTRA CARE THAT NO SOLVENTS ARE ALLOWED TO COME IN CONTACT WITH THE BALL OR OTHER INTERNAL VALVE COMPONENTS.



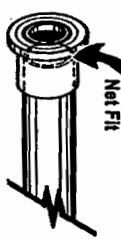
STEP 1 Pipe Preparation - Prepare connecting pipes as required. Pipe ends must be cut square at 90° using a wheel-type cutter or a saw and miter box. Regardless of the cutting method used, burrs will be created, which must be removed. All pipe ends should be beveled at 10° to 15°. A deburring tool is recommended, however a file may be used in its place as shown.



STEP 2 Wipe away all loose dirt & moisture from the pipes & components with a clean dry cloth. Slide Union Nuts (1) over pipe ends where each End Connector Socket is to be installed, being sure that the Union Nut threads will be facing the Valve body.



STEP 3 Check the Joint Interference fit between the pipe and the End Connector Socket. An interference fit is necessary for proper fusion of the joint. To check, lightly insert the End Connector Socket over the prepared pipe ends. **DO NOT FORCE THE SOCKET ONTO THE PIPE.**



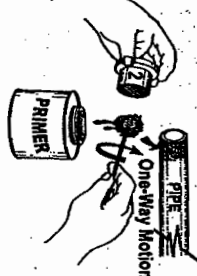
Interference must occur between 1/2 the socket depth (FULL INTERFERENCE) and the socket bottom (NET FIT). Do not use components which do not properly mate.

Make sure that the face of each End Connector Socket is at a square 90° angle with the pipe end.

End Connector Socket O-rings must be free of any signs of dirt & debris. Clean as necessary. If O-rings must be removed, clean all surfaces and re-install by pressing the O-ring evenly into its retaining groove, being sure to avoid any wrinkles or creation of an uneven sealing surface.

STEP 4 Primer is necessary to penetrate & soften both pipe and End Connector Socket surfaces in order for the solvent cement to properly bond.

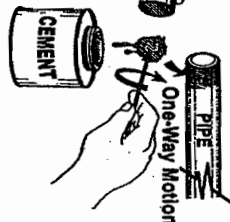
Using a brush or applicator size no less than 1/2 the pipe diameter, apply a liberal coat of primer with a circular, scrubbing motion to the inside socket of the End Connector until the surface is softened and semi-fluid. This will occur in 5 to 15 seconds, depending on size and temperature.



Apply primer to the outside of pipe ends in the same manner extending application area to slightly beyond the insertion depth of the End Connector Socket. Apply a second coat to both pipe and socket.



Check the penetration and softening by scraping the primed surfaces. A few thousands of the semi-fluid surface should easily be removed.



STEP 5 Solvent Cement must be applied IMMEDIATELY to the primed surfaces before the primer dries, in an alternating 3-coat application. Using a brush or applicator no less than 1/2 the pipe diameter, apply a liberal coat of solvent cement to the primed pipe surfaces. Next, apply a light to medium coat to the End Connector Socket primed surface. If a "NET FIT" was experienced during the dry fit check (See Step 3) then apply an additional liberal coat again to the pipe surface.

STEP 6

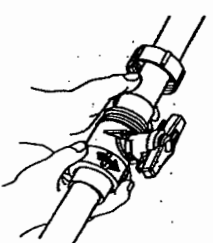
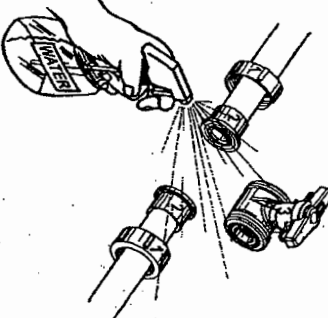
Immediately following the application of solvent cement, and before it begins to set, insert the End Connector Socket over the pipe end, push with a 1/4 twisting motion to evenly distribute the solvent cement within the joint. A full bead of solvent cement should form around the circumference of the joint. Hold joint together for approximately 30 seconds to make sure that the End Connector Socket does not back off of pipe. Use a cloth to remove any excess cement from the exterior juncture of the pipe and End Connector.



Repeat STEP 6 to attach opposite end connector to pipe and branch on 3-Way Valves.

Allow joint to cure according to solvent cement manufacturer's instructions.

STEP 7 Apply a mild soapy-water solution to the valve body threads and the union nut threads for the assembly lubrication. Open the valve handle completely and support valve body to hold its own weight.

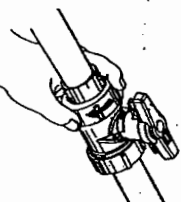


Attach Valve Body to End Connector Socket and begin to tighten Union Nut. **DO NOT USE ANY TYPE OF THREAD SEALANTS. "HAND TIGHTEN ONLY."**

BE SURE THAT THE FACE OF THE END CONNECTOR SOCKET IS SQUARELY ALIGNED (FLUSH) WITH THE VALVE BODY AND IS FLUSH AGAINST THE O-RING.

Attach final Union Nut to Valve Body.

DO NOT USE THE REMAINING UNION NUT TO DRAW TOGETHER ANY GAPS BETWEEN THE END CONNECTOR AND THE VALVE BODY.

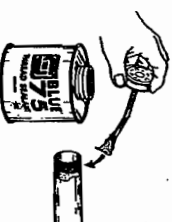


STEP 8 Pressure test the system only after all solvent cement joints have fully cured. If any leaks are found at End Connectors during pressure check, use a strap wrench to tighten Union Nut 1/4 turn to stop the leak.

DO NOT OVER TIGHTEN AS DAMAGE MAY OCCUR.

THREADED CONNECTIONS

WARNING: SOME PIPE JOINT COMPOUNDS OR TEFLON PASTES MAY CONTAIN SUBSTANCES THAT COULD CAUSE STRESS CRACKING TO PLASTIC. TRANSITIONS TO METAL PIPE REQUIRE THOROUGH CLEANING AND DEGREASING TO REMOVE ANY PIPE THREAD CUTTING OIL.



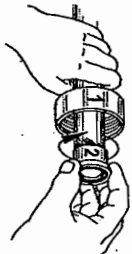
Spears Manufacturing Company highly recommends the use of Spears BLUE 75™ thread sealant, which has been tested for compatibility with Spears products.

STEP 1 Apply Joint Sealant - Threaded connections require application of a quality grade thread sealant to seal and lubricate the joint assembly. Sealants must only be applied to male pipe threads.

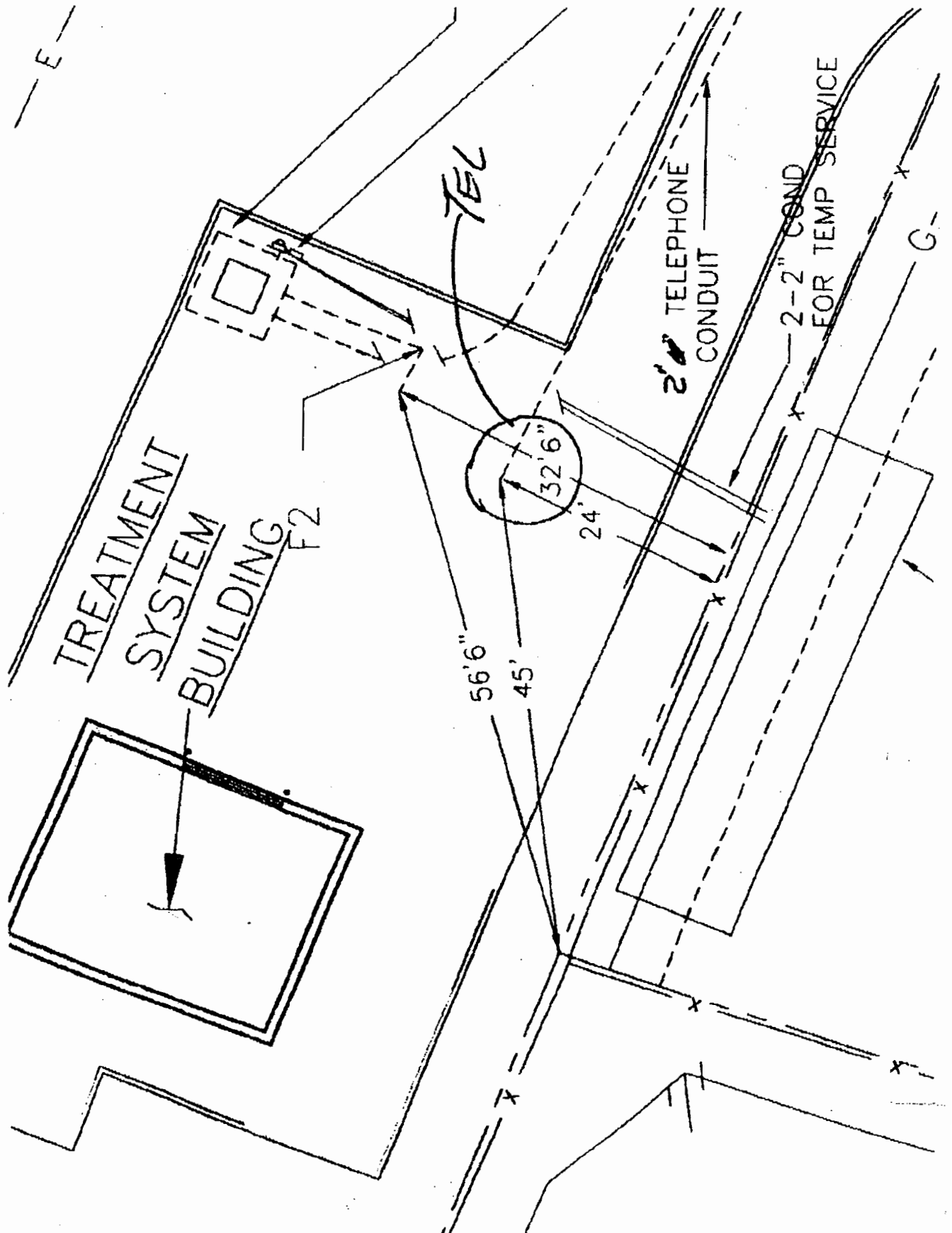
Please follow the sealant Manufacturer's Application/Installation instructions. Choice of another appropriate thread sealant is at the discretion of the installer.

STEP 2 Assemble Joint - 1 to 2 turns beyond "FINGER TIGHT" are generally all that is required to make a sound plastic threaded connection.

Unnecessary OVERTIGHTENING will cause damage to both pipe and valve.



Follow Step 7 and Step 8 from Solvent Welding Instructions.



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 6/23/03

CONSTRUCTION ACTIVITIES:

- * AGE's subcontractor performed final pressure test for SDR 26 PVC discharge pipe in accordance with the approved submittal.
Start time 9:45 am 20 PSI
End time 11:45 am 20 PSI
After completion of final pressure test pipe was cut flush with manhole wall and grouted void between pipe and wall opening.
- * URS continued with baseline sampling of groundwater monitoring wells ASMW1 + ASMW3 + ASMW4 + ASMW5.
All samples were shipped to lab.
- * Delta Well arrived on site @ 3:00 pm. to deliver material for FW-2.
- * URS continued with installation of piping inside Treatment System Building.
 - change direction of valves vapor carbon vessels.
 - drill hole in discharge pipe to drain pipe.
 - installed anchors for check valves supports and bolt check valve.
- * AGE's subcontractor Chevalley, Wallace restored fencing in area of discharge trench along Franklin Avenue.
- * URS requested to substitute Spears Union Ball valves in lieu of the approved Colonial ball valves. As long as the Spears valves are equipped with viton o-ring Det B has no problems.

DISTRIBUTION

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- 3 File

PAGE 2 OF 2 PAGES

BY R. Helwig

TITLE Inspector

DATE 6/23/03
DAY

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	X	Clear	Overcast	Rain	Snow
To 32		32-50	50-70	70-85	85+up
Still		Moder.	High	Report No.	
Dry		Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
4 laborers 2	Construction Force Chevalle + Wallace	Piping installation Pressure Testing

VISITORS

Time	Name	Representing	Remarks
7 ³⁰	R. Helwig	D+B	Inspection
7 ⁰⁰	E. Haywood	URS	Site Supervisor.
7 ⁰⁰	S. Morales	URS	Field Technician.
8 ⁰⁰	T. Jacoudi	URS	Civil Engineer.
8 ³⁰	G. Bengem	URS	Site Safety & Health Officer.
9 ⁰⁰	J. Siegel	URS	Geologist.
9 ³⁰	A. Jankowski	URS	Overnight well installation.

EQUIPMENT AT THE SITE:

MATERIALS:

Delivery of centrifugal fan.

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/24/03

CONSTRUCTION ACTIVITIES:

- * URS' subcontractor Delta Well started with installation of extraction well E.W-2. A. Jankowski on site for oversight
- * URS continued with piping installation in valve vault and Flowmeter vault.
- * SK notified me that trenching is scheduled for Wednesday. I notified URS about this.

DISTRIBUTION

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BY

R. H. Lij

TITLE

Inspector

DATE 06/24/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun <input checked="" type="checkbox"/>	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up <input checked="" type="checkbox"/>
Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
Dry	Moder. <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
4 laborers	Construction force.	Piping installation.
1 "	Delta well.	Installation EW-1

VISITORS

Time	Name	Representing	Remarks
7 ³⁰	R. Heling	D+B	Construction Inspection
8 ³⁰	A. Janaszewski	"	Oversight well installation
7 ⁰⁰	E. Haywood	URS	Site Supervisor
7 ⁰⁰	R. Bakomowski	"	Site Superintendent
7 ⁰⁰	S. Morawski	"	Field Technician
7 ⁰⁰	J. Siegel	"	Geologist

EQUIPMENT AT THE SITE:

Drill rig / Bobcat / water trench / supply trench

MATERIALS:

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PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector



TITLE Inspector

DATE 06/25/03

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun X	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up X
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
4 laborers 2 2 Jim + James Rikwulke.	Construction Force Delta Well-Pump AGE J. K. Electric	Installation of Piping EW-2 Spreading top soil. Trenching.

VISITORS

Time	Name	Representing	Remarks
7:30	R. Helbig	D+B	Construction Inspection
8:30	F. DeVita	D+B	Project Manager.
7:00	E. Haywood	URS	Site Supervisor.
7:00	S. Mckates	URS	Field Technician.
7:00	G. Ganjemi	URS	Site Safety Supervisor
9:30	K. Sullivan	URS	Project Manager.
9:00	A. Jankoszewski	D+B	Geologist.

EQUIPMENT AT THE SITE:

* Kobelco Backhoe model # 750
* Weichers plate compactor

MATERIALS:

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PAGE 1 OF 2 PAGES

BY R. Helbig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/26/03

CONSTRUCTION ACTIVITIES:

- * JK Electric started with installation of electrical cabinets for
- soft starter air stripper blower.
- * WRS continued w/ installation of piping inside Treatment System Bldg.
- installation flowmeter / streamer / valves in Flow meter vault
- pour / form concrete foundations in Flow meter vault for supports.
- * After progress meeting relocation of carbon vessels was discussed
in order to meet Electrical code requirements 16" in west direction.
- * Delta Well + Pump started well development of extraction well EW-2.
Total volume of extracted well development water and disposed to Sewer
manhole is about 300 gallons.
@ 1:45 pm Nassau County on site to grab sample of well development
water.
See note book for further details of well development.

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BY

R. Hehling

TITLE

Inspector

DATE 06/26/03

S	M	T	W	TH	F	S
				X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun X	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up X
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
4 laborers 2 J. Kitchell	Construction Force Delta Well Pump J.K. Electric	Piping Installation Development EW-2

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D + B	Construction Inspection
9:30	F. DeVita	D + B	Project manager
7:00	E. Haywood	URS	Site Super Visitor
9:00	K. Sullivan	URS	Project manager
7:00	R. Baxonowski	URS	Site Super
9:30	T. Stammeler	URS	Construction manager
7:00	S. Morales	URS	Field Technician
11:00	J. Trad	URS	Project Manager

EQUIPMENT AT THE SITE:

MATERIALS:

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PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 06/27/03

CONSTRUCTION ACTIVITIES:

- * URS subcontractor AGE installed well vault EW-1 and backfilled area around well vault
- * BK Electric continued with installation of cabinets and junction boxes
 - EW 1+2
 - next to EW + control system.
- * URS continued with installation of piping.
 - fasteners pump support wet well + chain + guide rail.
 - supports in flowmeter vault
 - strainer + Ball valve suction side jet pump.
 - cleaning building
- * Collect sample RCA material @ 702 Grand Av Westbury for compaction testing. Sample was sent per FedEx 2nd day to Tectonic.

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY R. Helj

TITLE Inspector

DATE 6/27/03

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	<input checked="" type="checkbox"/>	Clear	Overcast	Rain	Snow
To 32		32-50	50-70	70-85	85+up <input checked="" type="checkbox"/>
Still	<input checked="" type="checkbox"/>	Moder.	High	Report No.	
Dry		Moder. <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
4 Laborers J. K. Sullivan 4 Laborers Crane operator, assistant	Construction Force - J. K. Sullivan AGE Bay Cranes	

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	ID+B	Construction Inspection
7:00	E. Haywood	URS	Site Supervisor
8:00	R. Sullivan	URS	Project Manager
7:00	G. Gangemi	URS	Site Health Officer
7:00	S. Morales	URS	Field Technician

EQUIPMENT AT THE SITE:

Excavator CAT 17315
Bobcat

MATERIALS:

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 6/30/03

CONSTRUCTION ACTIVITIES:

URS continued with installation of piping and supports:

- move carbon vessels 6" + re install piping pressure side blower.
- fabricate supports piping sink/water tank etc
- air stripper.

JK Electric on site to install:

- cabinet VFD's
- Flygt control panel.
- start with galvanized piping

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
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PAGE 2 OF 2 PAGES

BY

R. Helig

TITLE

Inspector

DATE 6/30/03

DAY	S	M	T	W	TH	F	S
		X					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun X	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up X
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>4 laborers</u>	<u>Construction Force</u>	<u>Installation of piping</u>

VISITORS

Time	Name	Representing	Remarks
<u>7:30</u>	<u>R. Helwig → 10th</u>	<u>D+B</u>	<u>Construction Inspection</u>
<u>7:00</u>	<u>E. Haywood</u>	<u>URS</u>	<u>Site Supervisor</u>
<u>7:00</u>	<u>S. Morzuch</u>	<u>URS</u>	<u>Field Technician</u>
<u>9:30</u>	<u>R. Baronowski</u>	<u>URS</u>	<u>Site Super</u>

EQUIPMENT AT THE SITE:

<u>* Delivery of 20 yd³ dumper.</u>

MATERIALS:

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 7/1/03

CONSTRUCTION ACTIVITIES:

- URS continued with installation of piping:*
 - fasten supports flow meter vault.*
 - install grease neck outside building.*

DISTRIBUTION

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- 2 Field Office
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PAGE 2 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

DATE July 1 2003

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun X	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 X	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
4 Laborers		Construction Force.	
2 Electricians		2 Electric.	

VISITORS			
Time	Name	Representing	Remarks
7:00	R. Sullivan	URS	Project Manager.
7:00	R. Baranowski	URS	Site Super.
7:00	S. Morales	URS	Field Technician.
7:30	R. Helwig	D+B	Construction Inspection

EQUIPMENT AT THE SITE:	

MATERIALS:	

DISTRIBUTION
 1 Proj. Mgr.
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PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector

+GF+ SIGNET PVC/CPVC TEE Fitting Instructions

ENGLISH

PV8T090-1
A-4/96



CAUTION!

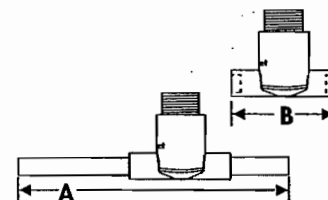
- Improper pipe fitting installation may result in pressure failure, personal injury, and/or property damage.
- Always match fitting and pipeline materials.
- Always use piping cement designed for your specific fitting and pipeline material.

1. +GF+ SIGNET PVC/CPVC Tee Fittings

PVC TEE Fittings, 0.5 - 1.5 in.

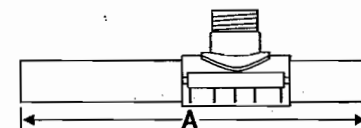
Fitting Number	Fitting Size	Fitting Type	Fitting Material	Male fitting Dimension "A"	Female fitting Dimension "B"
PV8T005	0.5 in.	Male pipe ends	PVC, SCH 80	356 mm (14 in.)	95 mm (3.75 in.)
PV8T007	0.75 in.	Male pipe ends	PVC, SCH 80	356 mm (14 in.)	95 mm (3.75 in.)
PV8T010	1.0 in.	Male pipe ends	PVC, SCH 80	432 mm (17 in.)	109 mm (4.3 in.)
PV8T012	1.25 in.	Male pipe ends	PVC, SCH 80	508 mm (20 in.)	108 mm (4.25 in.)
PV8T015	1.5 in.	Male pipe ends	PVC, SCH 80	610 mm (24 in.)	119 mm (4.7 in.)

Add "F" for Female socket type fitting (illustration B)



PVC TEE Fittings, 2 - 4 in.

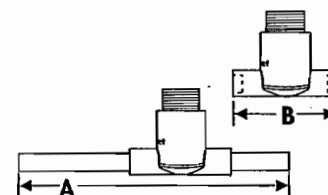
Fitting Number	Fitting Size	Fitting Type	Fitting Material	Male fitting Dimension "A"
PV8T020	2.0 in.	Male pipe ends	PVC, SCH 80	610 mm (24 in.)
PV8T025	2.5 in.	Male pipe ends	PVC, SCH 80	610 mm (24 in.)
PV8T030	3.0 in.	Male pipe ends	PVC, SCH 80	610 mm (24 in.)
PV8T040	4.0 in.	Male pipe ends	PVC, SCH 80	610 mm (24 in.)



CPVC TEE Fittings, 0.5 - 1.5 in.

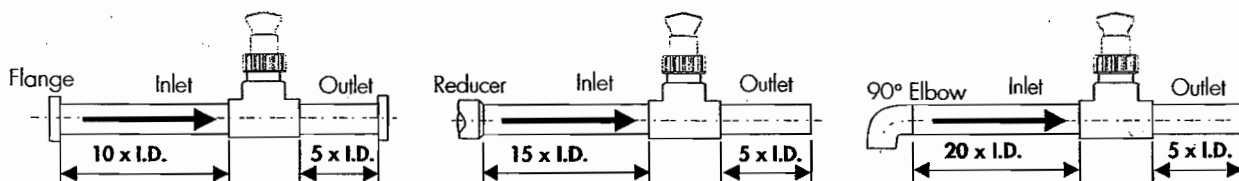
Fitting Number	Fitting Size	Fitting Type	Fitting Material	Male fitting Dimension "A"	Female fitting Dimension "B"
CPV8T005	0.5 in.	Male pipe ends	CPVC, SCH 80	356 mm (14 in.)	95 mm (3.75 in.)
CPV8T007	0.75 in.	Male pipe ends	CPVC, SCH 80	356 mm (14 in.)	95 mm (3.75 in.)
CPV8T010	1.0 in.	Male pipe ends	CPVC, SCH 80	432 mm (17 in.)	109 mm (4.3 in.)
CPV8T012	1.25 in.	Male pipe ends	CPVC, SCH 80	508 mm (20 in.)	108 mm (4.25 in.)
CPV8T015	1.5 in.	Male pipe ends	CPVC, SCH 80	610 mm (24 in.)	119 mm (4.7 in.)

Add "F" for Female socket type fitting (illustration B)



2. Recommended Fitting Location

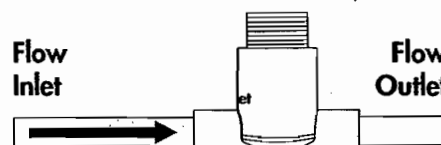
Always locate the fitting in a spot where you have the longest upstream straight run. This allows the flow profile plenty of time to settle into the fully developed, turbulent range. Industry standards usually require a minimum of 10 pipe diameters upstream and 5 pipe diameters downstream. Major obstructions that interrupt the flow such as pumps, valves, etc. require considerably longer straight runs for the flow profile to recover. Careful selection of this location will pay off in optimum system performance.



3. Fitting Direction

Observe markings on fitting for proper inlet orientation (some models):

- Male Tee fittings (All): Always install longer pipe end pointing upstream.
- Female Tee fittings: Always place end marked "Inlet" upstream. Unmarked Tee fittings are bidirectional and can be installed in either direction.



4. Recommended Fitting Angles

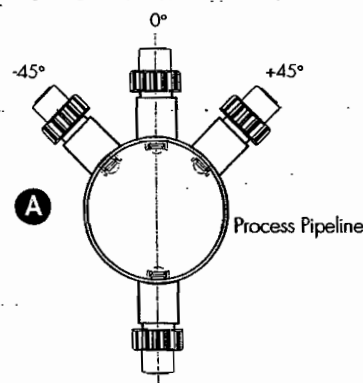
A) +GF+ SIGNET Flow Sensor Installations

Vertical fitting mounting is recommended for best sensor performance. Mount fitting at a maximum angle of 45° when air bubbles are present. DO NOT mount fitting on bottom of the pipe when sediments are present (see illustration A).

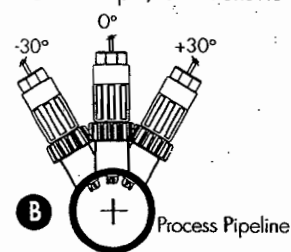
B) +GF+ SIGNET pH/ORP Sensor Installations

Vertical fitting mounting is recommended for best sensor performance. Mount fitting at a maximum angle of 30°. DO NOT mount fitting in excess of 30° (see illustration B).

+GF+ SIGNET Flow Sensors



+GF+ SIGNET pH/ORP Sensors



5. Fitting Installation

Follow plastic piping cement manufacturer's recommended preparation and gluing instructions. Avoid excess cement in fitting joints to prevent any port obstruction.

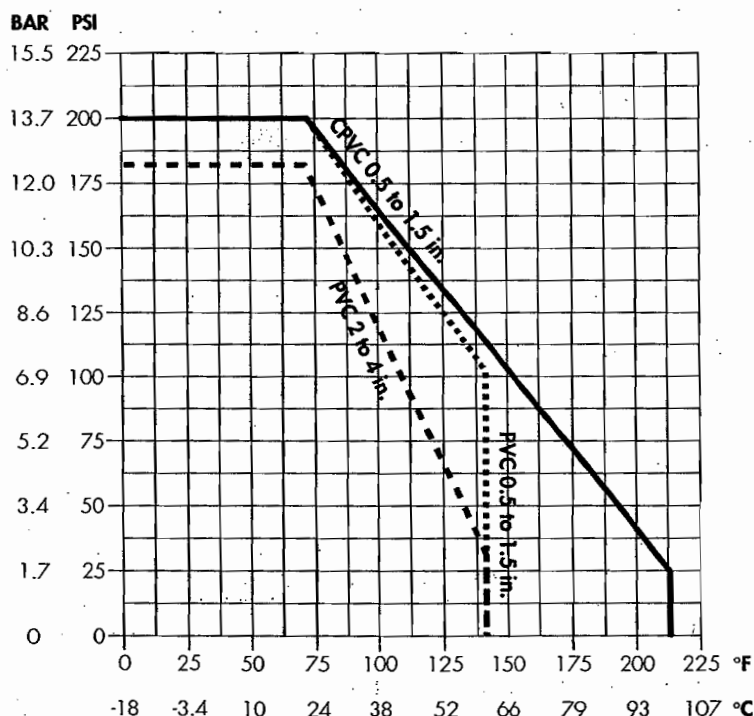
6. Fitting Specifications



FOR YOUR SAFETY: Always confirm the chemical compatibility and the maximum pressure/temperature specifications for your fitting and sensor selection prior to installation. Failure to do so may result in system damage and/or serious personal injury. Refer to maximum fitting pressure/temperature graph (right).

Verify both fitting and sensor specifications (see sensor manual). Some fittings have much lower pressure/temperature specifications than the flow sensors. Remember the overall system specifications and limitations of your flow system depend on the lowest maximum rating of all components associated with the system. Never use a fitting and/or sensor in an application which exceeds +GF+ SIGNET's published pressure/temperature specifications.

+GF+ SIGNET PVC/CPVC Tee Fitting Maximum Pressure/Temperature Chart



+GF+ SIGNET

Sales Offices:

USA George Fischer, Inc., 2882 Dow Avenue, Tustin, CA 92780/USA, Tel. (714) 731-8800, Fax (714) 731-6201
Switzerland Georg Fischer Rohrleitungssysteme AG, P.O. Box 671, CH8201 Schaffhausen/Switzerland, Tel. 052/631 1111, Fax 052/631 2830
Singapore George Fischer Pte. Ltd., 15 Kaki Bukit Road 2, KB Warehouse Complex, Singapore 1441, Tel. 65/747 0611, Fax 65/747 0577
Japan Kubota George Fischer, 2-47 Shikitsuhigashi, 1-Chome, Naniwa-Ku, Osaka, 556-91 Japan, Tel. 816/648 2545, Fax 816/648 2565
China Georg Fischer Ltd., Rm 1503, Business Residence Bldg. of Asia Plaza, 2-3 Bldg. No. 5th Qu Anzhenxili, Chaoyang Qu, Beijing 100029, P.R. China, Tel. 86/10 6443 0577, Fax 86/10 6443 0578
Australia George Fischer Pty. Ltd., Suite 3, 41 Stamford Road, Oakleigh, Victoria 3166, Australia, Tel. 61/3 9568 0966, Fax 61/3 9568 0988

Signet Scientific Company, 3401 Aerojet Avenue, El Monte, CA 91731-2882 U.S.A., Tel. (626) 571-2770, Fax (626) 573-2057

GEORGE FISCHER +GF+ Piping Systems
V8T090-1/(A-4/96), English

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Printed in U.S.A.



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 7-2-03

CONSTRUCTION ACTIVITIES:

- * JK Electric continued with installation of galvanized conduits for wiring system. JK asked where and what the power source is for the influent flow transmitter to be mounted on the north side wall of the Treatment System Building. I expect submittal 48 and Contract Drawings but couldn't find the information either. I told contractor to get back to him as soon as M. Newberger is back in the office.
- * URS subcontractor AGK continued with grading and spreading topsoil. A total of 1 load of topsoil were delivered.
- * URS continued with installation of piping and supports:
 - pull electrical + float switch cables wet well → cabinet Flt.
 - fabric Air stripper.
 - Install float switches wet well.
 - install exhaust pipe vapor carbon vessels.
- * Tectonic notified to analyze RCA sample for geolation as well in accordance with results of submitted RCA gradation per fax.

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Helig

TITLE

Inspector

DATE July 2 - 2003

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 X	85+up
WIND	Still X	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
4 Laborers Jim + James R. Kauler 1 operator	Construction Force G.K. Electric AGE	Piping installation

VISITORS

Time	Name	Representing	Remarks
1730	R. Helwig	D+B	Construction Inspection.
1700	H. Sullivan	URS	Project Manager.
1700	R. Baronowski	URS	Site Super.
1700	S. Morales	URS	Field Technician.

EQUIPMENT AT THE SITE:

CAT D46 XL dozer.

MATERIALS:

1 load of top soil 30 yd³

DISTRIBUTION 1 Proj. Mgr.
2 Field Office
3 File

PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 7/3/03

CONSTRUCTION ACTIVITIES:

- * AGF's operator on site and waiting for delivery of topsoil.
1 load of topsoil was delivered (3 total)
- * URS continued with installation of equipment and piping.
 - * installation of skids for equipment island.
 - * form and pour supports check valve in valve vault.
 - * install anchor bolts pressure blower.
 - * " " " " sink.
 - * install pressure switch between jet pump + water tank.
 - * start w. installation of gauges + sample taps.
- * JK Electric on site to install grounding system (10⁰⁰ 11³⁰ 12³⁰ pm).

DISTRIBUTION

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY

R. Helwig

TITLE

Inspector

DATE July 3 2004

S	M	T	W	TH <input checked="" type="checkbox"/>	F	S
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PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain <input checked="" type="checkbox"/>	Snow
TEMP.	To 32	32-50	50-70	70-85 <input checked="" type="checkbox"/>	85+up
WIND	Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. <input checked="" type="checkbox"/>	Humid		

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
2 laborers 1 Operator J Kilcullen		Construction Force. AGE JK Electric	Installation of piping. Spreading topsoil.

VISITORS			
Time	Name	Representing	Remarks
7:30	R. Helwig	D+B	Construction Inspection Project Manager. Site Super. Field Technician
7:00	K. Sullivan	URS	
7:00	R. Benonowski	URS	
7:00	G. Monahan	URS	

EQUIPMENT AT THE SITE:
CAT D46 XL Dozer
MATERIALS:
1 load of topsoil (30 yd ³)

DISTRIBUTION 1 Proj. Mgr.
 2 Field Office
 3 File

PAGE 1 OF 2 PAGES

BY R. Helwig TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 7 2003

CONSTRUCTION ACTIVITIES:

- * URS started sampling of drill cutting drums. 5 samples of 25 drill cuttings drums ASTW1-ASTW5.
After phone conversation w. Jeff Trad (NYSDEC) the bottom three drums and "auger" drum were sampled for extraction well EW-2.
- * URS continued with installation of piping and supports:
 - chemical anchors portable hot base socket
 - installation of exhaust fan (north wall)
 - " " of goose neck (west wall)
 - assembling sample taps / gauges
 - installation of differential pressure gauge.
- * JK Electric on site to continue with installation of galvanized conduits and motor starter cabinets.
- * Delta Well and Pump continued with well development of extraction well EW-2. 2 buckets of 5 gallon each were injected in extraction well EW-2 and followed by surging. Well development will be continued tomorrow.

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- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Aliz

TITLE

Inspection

DATE July 7 2003

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
1 Laborer F.J. Kilcullen	Construction Force	Piping Installation.
2 Machine Operators	5K Electric.	Electrical Installation.
2 Drillers.	AGE	Doser, bobcat operator.
	Delta Well Pump.	Well development

VISITORS			
Time	Name	Representing	Remarks
7:30	R. Heling	D+B	Construction Inspection
7:45	A. Janaszewski	D+B	
7:00	K. Sullivan	URS	Project Manager.
7:00	J. Siegel	URS	Geologist
7:00	S. McKeates	URS	Field Technician.

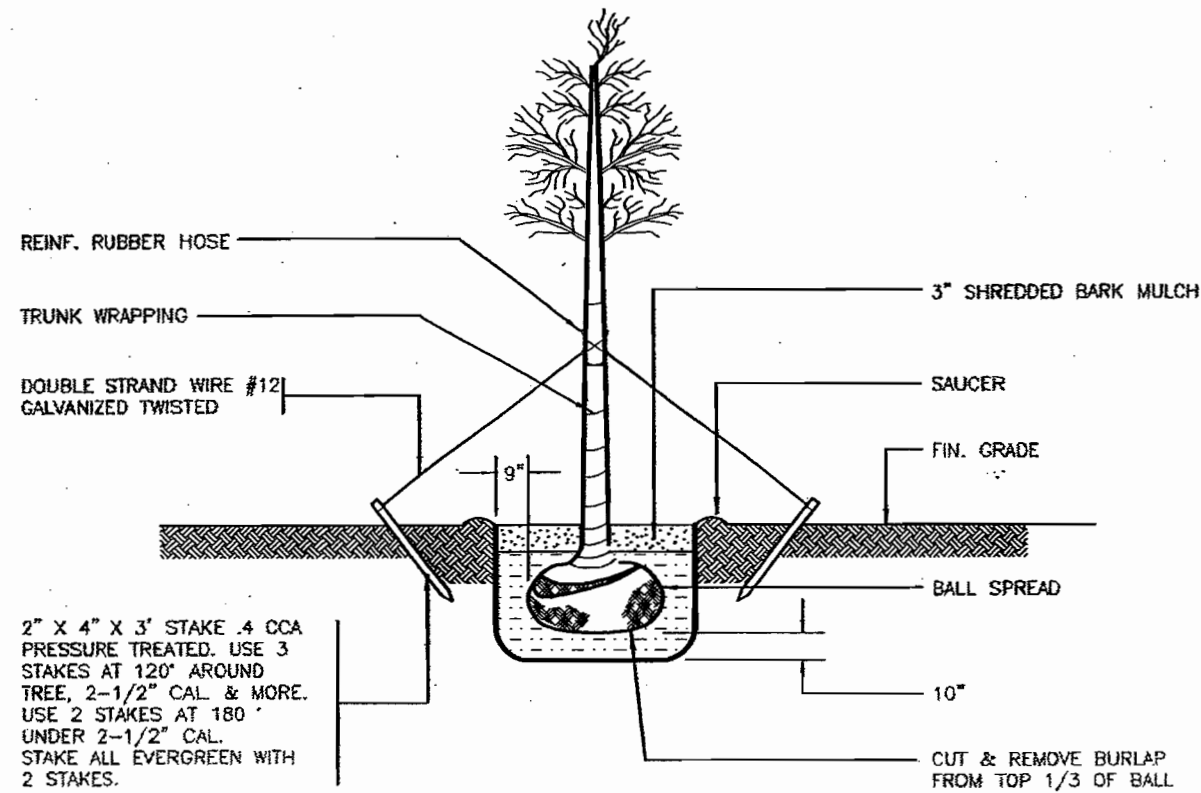
EQUIPMENT AT THE SITE:	
CAT 1046 XL dozer.	
Bobcat.	
MATERIALS:	

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- 2 Field Office
- 3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

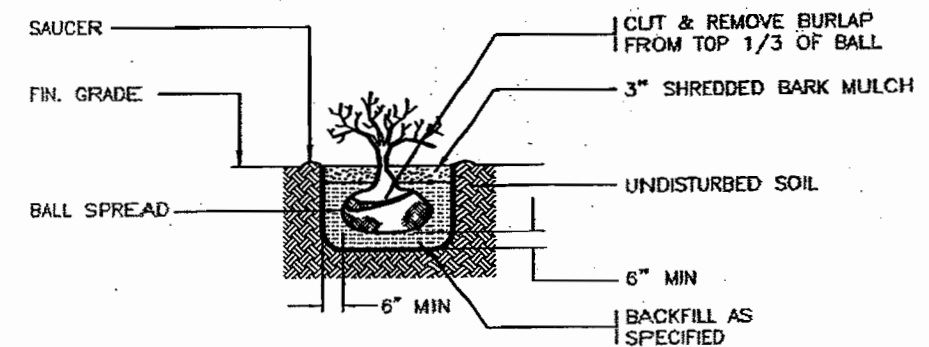


DETAIL A - TREE PLANTING DETAIL

N.T.S.

NOTE: TREES TO BE FURNISHED SHALL BE EASTERN RED CEDAR (JUNIPERUS VIRGINIA) MINIMUM FOUR (4) FEET TALL WITH A TWO (2) INCH TO TWO AND A HALF (2.5) INCH CALIPER. ALL TREES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS.

no later than sept/oct.



DETAIL B - SHRUB PLANTING DETAIL

N.T.S.

NOTE: SHRUBS TO BE FURNISHED SHALL BE FROM THE FOLLOWING APPROVED SPECIMEN QUALITY: VIBURNUM DENTATUM, VIBURNUM LENTAGO, PRUNUS SEROTINA, ~~AMELANCHIER CANADENSIS~~, ~~QUERCUS PALUSTRIS~~, ~~QUERCUS BOREALIS~~, ~~JUNIPERUS VIRGINIANA~~, ~~THUJA OCCIDENTALIS~~. ALL SHRUBS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS.

mid oct.

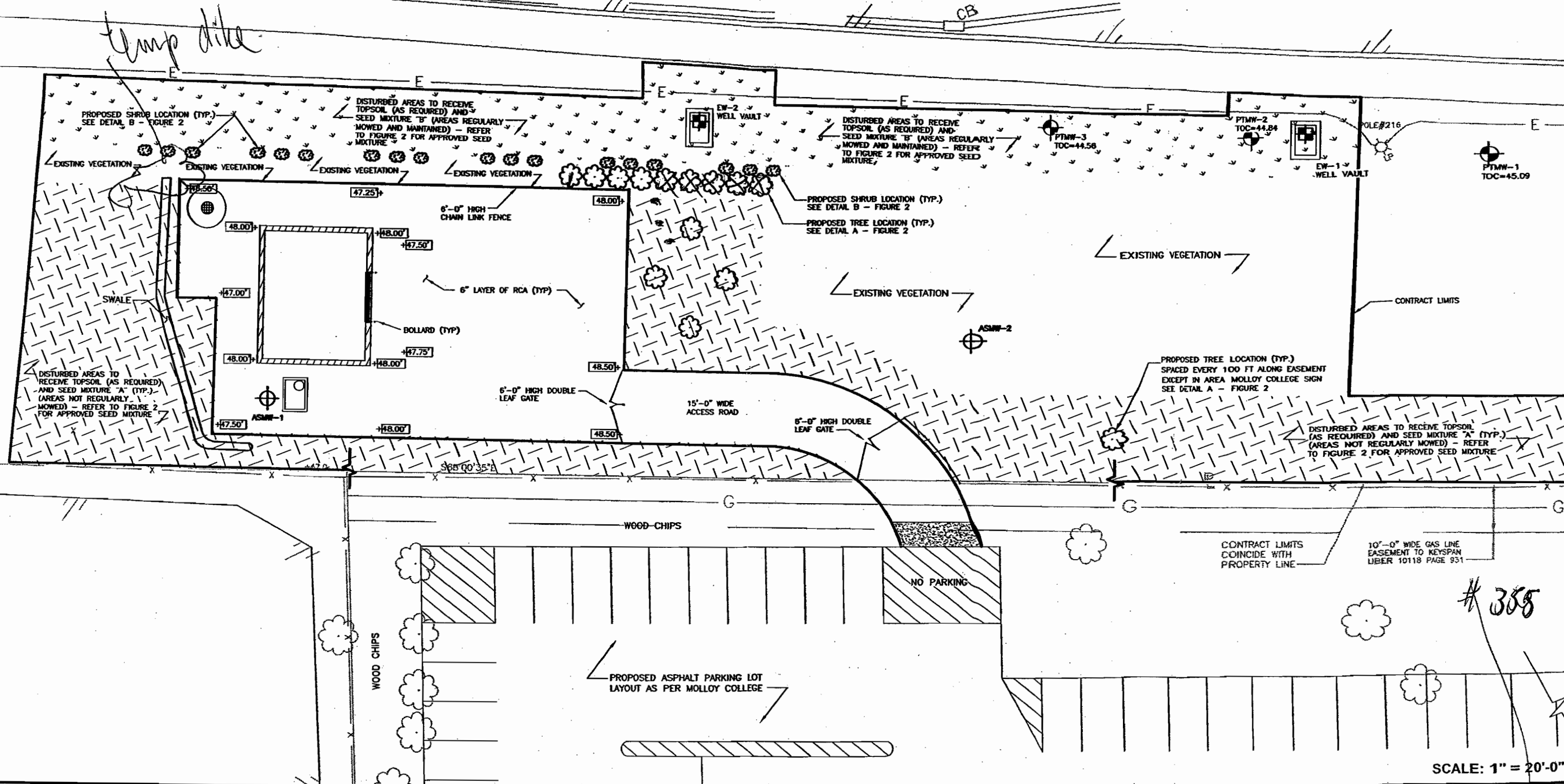
GRASS SEED MIXTURES

SEED MIXTURE A - (AREAS NOT REGULARLY MOWED)	SEED MIXTURE B - (AREAS REGULARLY MOWED AND MAINTAINED)
50% Kentucky 31 Fescue 25% Plymouth Perennial Rye Grass 25% Salem Creeping Fescue	50% Jefferson Blue Grass 25% Salem Creeping Fescue 25% Plymouth Perennial Rye Grass

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
CONTRACT NO D004264

MISCELLANEOUS LANDSCAPE DETAILS

SOUTHERN STATE PARKWAY



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
CONTRACT NO D004264

LANDSCAPE PLAN

planting later than sept/oct
all mulch not in containers

#385
631 669 1000 #25
env department
FIGURE 1

⊗ swale. outlet of swale.
trees

Fred Blevins.
landscape-
architect.

⊗ 2 shrubs. only first 2
rest trees.

↳ Denton.
Lentago.

⊗ } wood chips
} mulch. } instead of top soil.

284 Sheffield Street, Mo side, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH JOB NO.:

CHEMTECH QUOTE NO.:

CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION	
REPORT TO BE SENT TO:		PROJECT NAME: <u>FRANKLIN CLEANERS</u>		BILL TO:	
COMPANY: <u>URS CORP</u>		PROJECT NO.: <u>807760</u> LOCATION:		PO #:	
ADDRESS: <u>201 Willowbrook Blvd</u>		PROJECT MANAGER: <u>Ken Sullivan</u>		ADDRESS:	
CITY: <u>Wayne</u> STATE: <u>NJ</u> ZIP:		E-MAIL:		CITY:	
ATTENTION: <u>Ken Sullivan</u>		PHONE: <u>973-812-6869</u> FAX: <u>973-785-1956</u>		STATE:	
PHONE: <u>973-812-6869</u> FAX: <u>973-785-1956</u>		ANALYSIS		PHONE:	
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		PRESERVATIVES	
RESULTS ONLY <input type="checkbox"/> USEPA CLP RESULTS + QC <input type="checkbox"/> NYS ASP "B" NJ REDUCED <input type="checkbox"/> NYS ASP "A" NJ CLP <input type="checkbox"/> EDD EDD FORMAT: _____		<input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> RESULTS + QC <input checked="" type="checkbox"/> NJ REDUCED <input type="checkbox"/> NJ CLP <input type="checkbox"/> EDD FORMAT: _____		1 2 3 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9	
* TO BE APPROVED BY CHEMTECH ** NORMAL TURNAROUND TIME - 14 DAYS		COMMENTS ← Specify Preservatives A - HCl B - HNO ₃ C - H ₂ SO ₄ D - NaOH E - ICE F - Other			
CHEMTECH SAMPLE ID		PROJECT IDENTIFICATION		PRESERVATIVES	
1. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		1. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		1 2 3 4 5 6 7 8 9	
2. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		2. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		1 2 3 4 5 6 7 8 9	
3. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		3. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		1 2 3 4 5 6 7 8 9	
4. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		4. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		1 2 3 4 5 6 7 8 9	
5. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		5. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		1 2 3 4 5 6 7 8 9	
6. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		6. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		1 2 3 4 5 6 7 8 9	
7. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		7. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		1 2 3 4 5 6 7 8 9	
8. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		8. <u>DRUMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100</u>		1 2 3 4 5 6 7 8 9	
RELINQUISHED BY: <u>1/15/03</u> RECEIVED BY: <u>1/15/03</u> DATE/TIME: <u>7-8-03</u> DATE/TIME: <u>7-8-03</u> RELINQUISHED BY: <u>1/15/03</u> RECEIVED BY: <u>1/15/03</u> DATE/TIME: <u>7-8-03</u> DATE/TIME: <u>7-8-03</u> RELINQUISHED BY: <u>1/15/03</u> RECEIVED BY: <u>1/15/03</u> DATE/TIME: <u>7-8-03</u> DATE/TIME: <u>7-8-03</u>		SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non-Compliant <input type="checkbox"/> Temp. of Cooler _____ MeOH extractions requires an additional 4oz. jar for percent solid. Comments: <u>number 9 at the bottom of the page / follow hand written LABS on bottles</u> Shipped Via: Client <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight <input type="checkbox"/> Overnight <input type="checkbox"/> Yes <input type="checkbox"/> No Page _____ of _____		WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY 34285	

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 8.

CONSTRUCTION ACTIVITIES:

- * URS continued with installation of piping and supports:
 - differential pressure gauge.
 - cover inside building.

- * URS subcontractor started with grading and RCA pavement on west side of building. AGE installed manhole covers for dry well and flow meter vault.

- * 5K Electric on site:

- pull wires transformer pad → Treatment System Building
- pulling wires inside building.
- LIPA on site to install meter.

- * URS subcontractor Delta Well and Pump continued with well development of extraction well EW-2.

- * NYS Parks Department Landscape Architect Fred Blevins on site for a site walk to review landscape plan proposal (P-631-6691000 #2255). Fred Blevins had several comments and will respond via B. DeName.

- * Start of preliminary field testing

- Airstripper
- Vapor phase carbon vessel.
- get pump with drum cont. islanet.

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- 2 Field Office
- 3 File

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BY

R. Healy

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE July 8 2003

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
1 laborer	Construction Force	
2 overhills	Delta Well, Pump	
3 laborers	AGE	
4 J+T Kilcullen	J.K. Electric	

VISITORS			
Time	Name	Representing	Remarks
7:30	R. Heling	D+B	Construction Inspection
9:30	A. Jankowski	D+B	Oversight well development
11:00	K. Sullivan	URS	Project Manager
1:00	R. Barongowski	URS	Site Super
1:00	S. Morales	URS	Field Technician
8:00	G. Gangemi	URS	Site Safety officer

EQUIPMENT AT THE SITE:
Bulcat
Doren CAT D4 G XL

MATERIALS:
1 load of RCA
1 - of topsoil

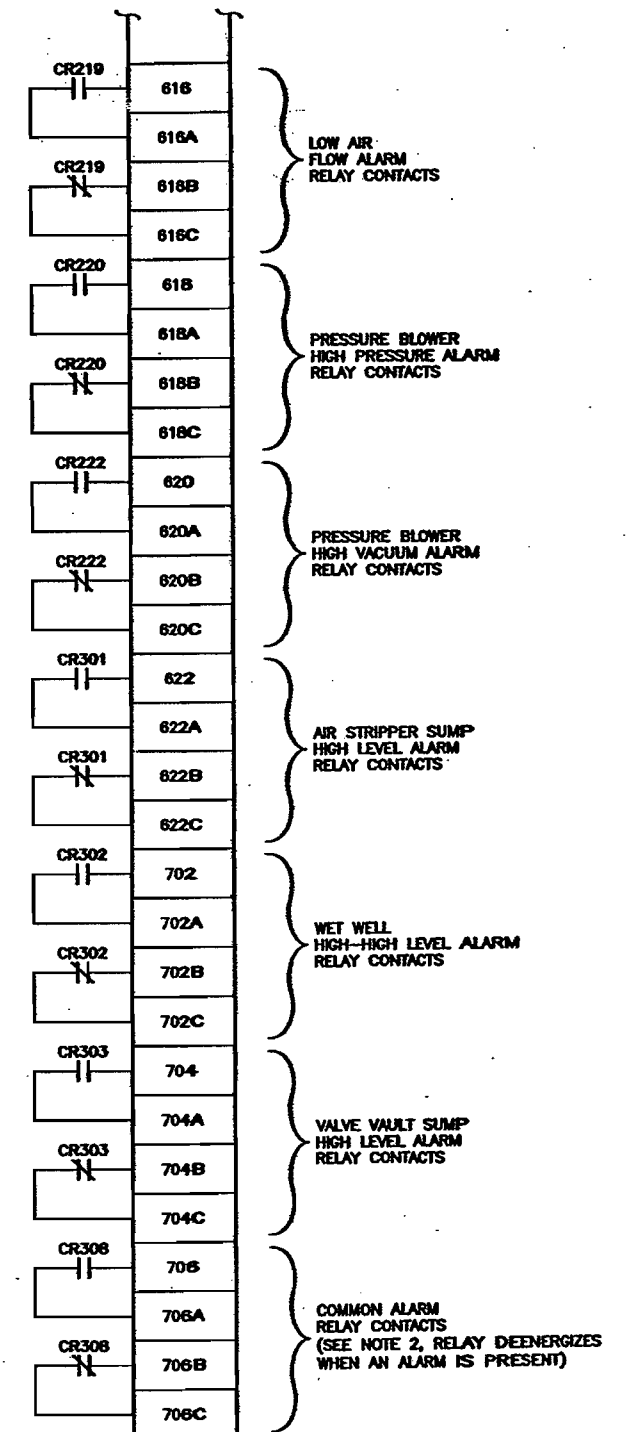
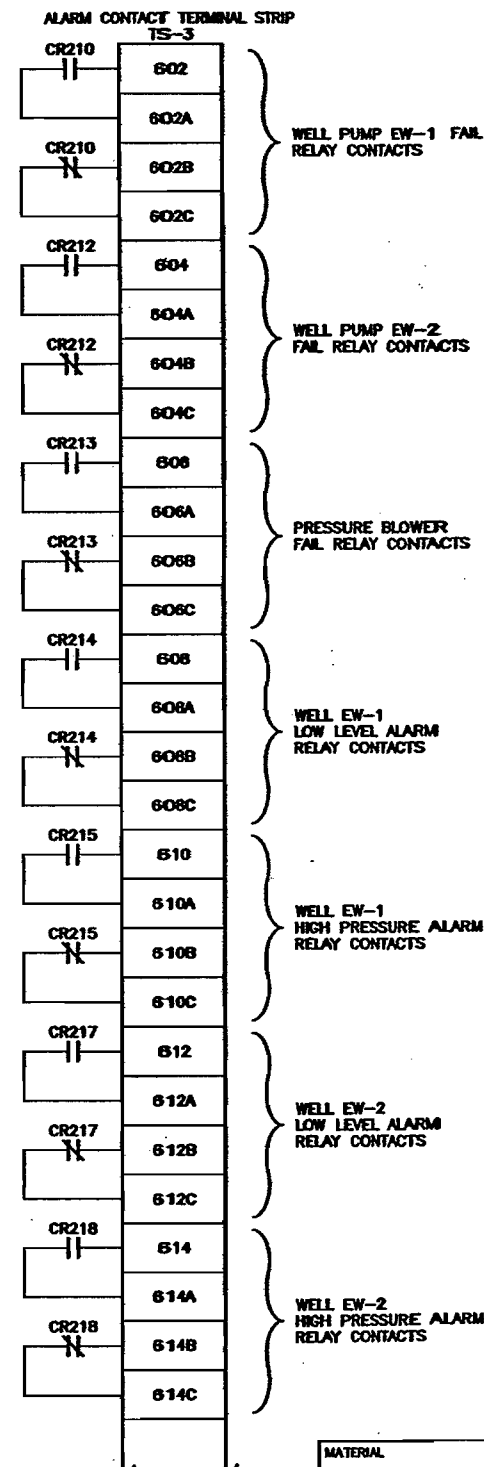
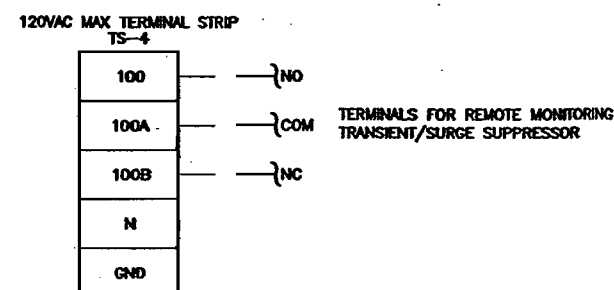
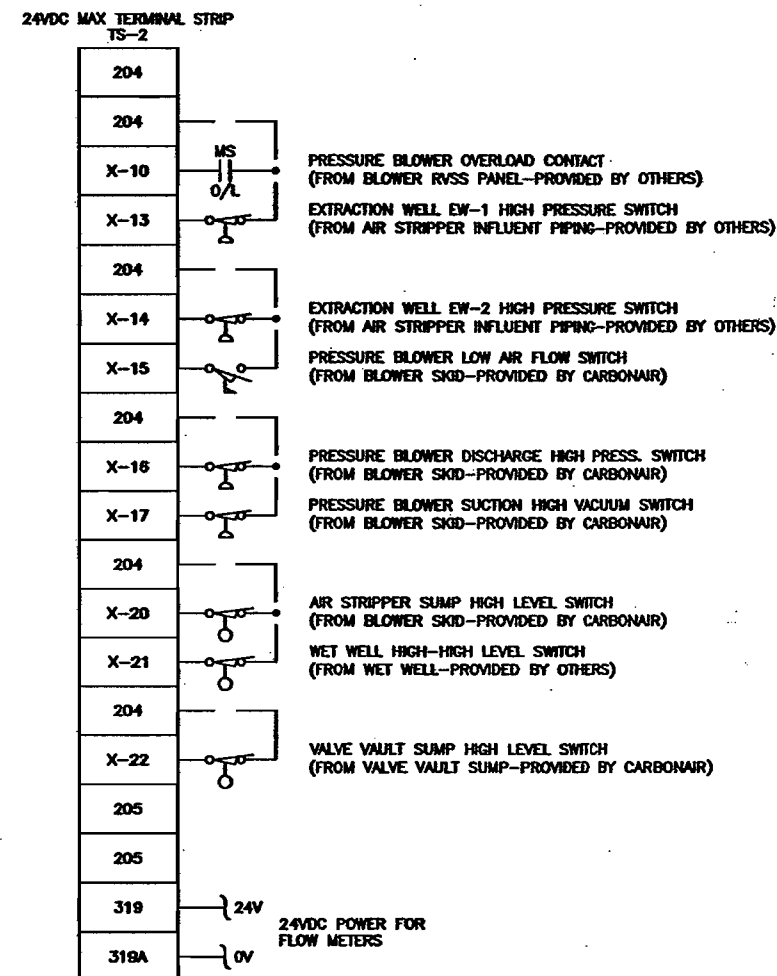
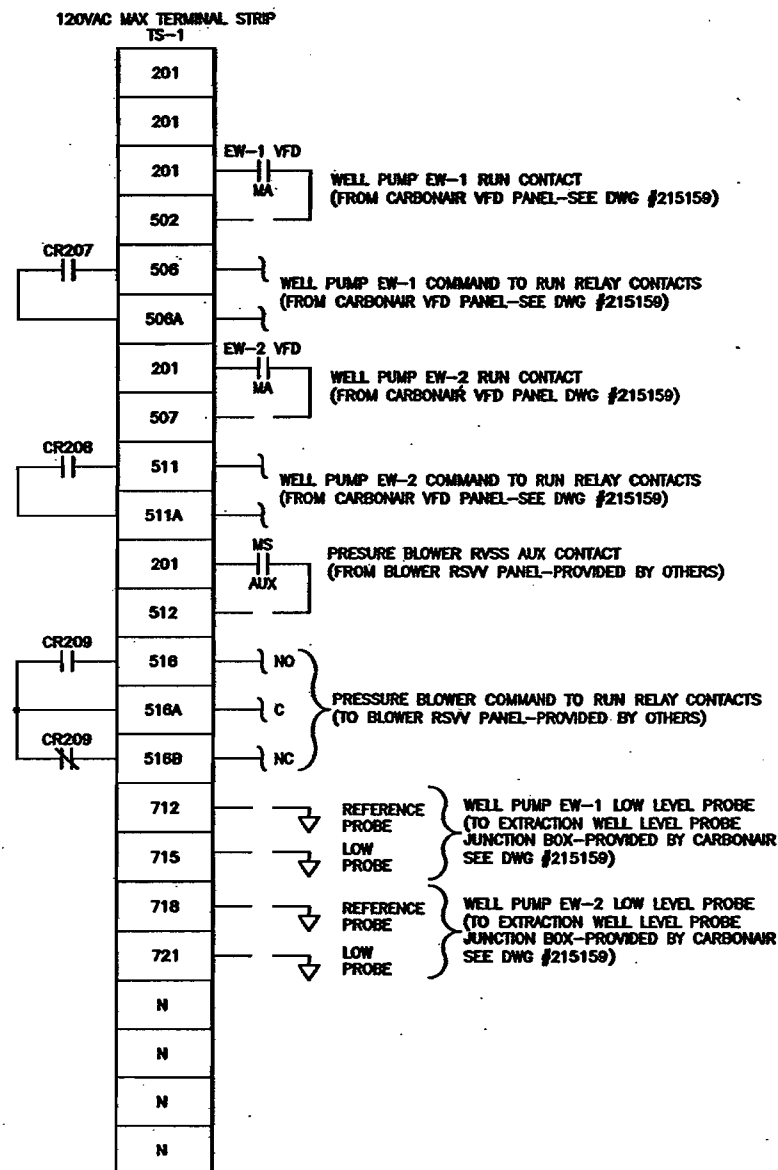
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BY R Heling TITLE Inspector

REVISIONS			
REV	ECO	DESCRIPTION	DATE
A		RELEASED FOR SUBMITTAL	09/09/02
B		REVISED FOR SUBMITTAL	11/04/02
C		RELEASED FOR PRODUCTION	01/23/03
D		AS BUILT	04/21/03

SEE CARBONAIR DWG #215218
FOR EXTERNAL INTERCONNECTION DIAGRAM

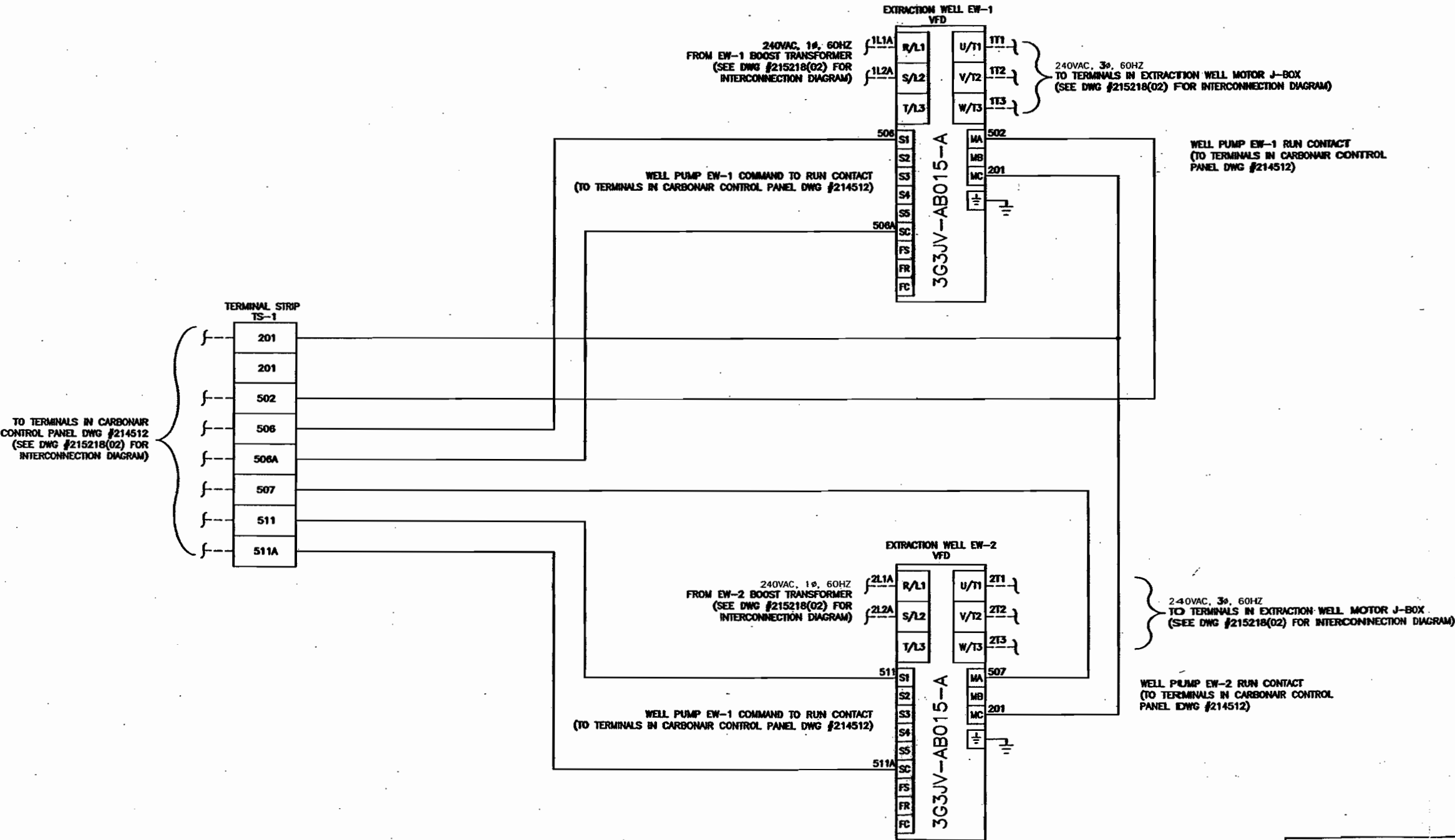



MATERIAL			APPROVAL	DATE	 <p>CARBONAIR WATER AND AIR DECONTAMINATION MINNEAPOLIS, MINNESOTA</p>
TOLERANCES UNLESS NOTED OTHERWISE			DRFT A.H.	07/31/02	
DECIMAL	FRACTIONAL	ANGLES	DRAWSCALE 1	LTSSCALE .5	
.03	1/32"	1°	PROJECT NO. 13703		
THESE MATERIALS ARE CONFIDENTIAL AND ARE THE PROPRIETARY INFORMATION OF CARBONAIR SERVICES, INC. AND MAY NOT BE USED OR REPRODUCED WITHOUT THE CONSENT OF CARBONAIR SERVICES, INC.			THIRD ANGLE PROJECTION	DWG. NO. 214512(05)	
UNLESS OTHERWISE SPECIFIED:			SCALE N/A		
• DIMENSIONS ARE IN INCHES			EQUIP. NO.		
• DO NOT SCALE DRAWING			SHEET 5 OF		

VFD PANEL WIRING DIAGRAM

REVISIONS			
REV	ECO	DESCRIPTION	DATE
B		REVISED FOR SUBMITTAL	11/04/02
C		RELEASED FOR PRODUCTION	01/23/03
D		AS BUILT	04/21/03

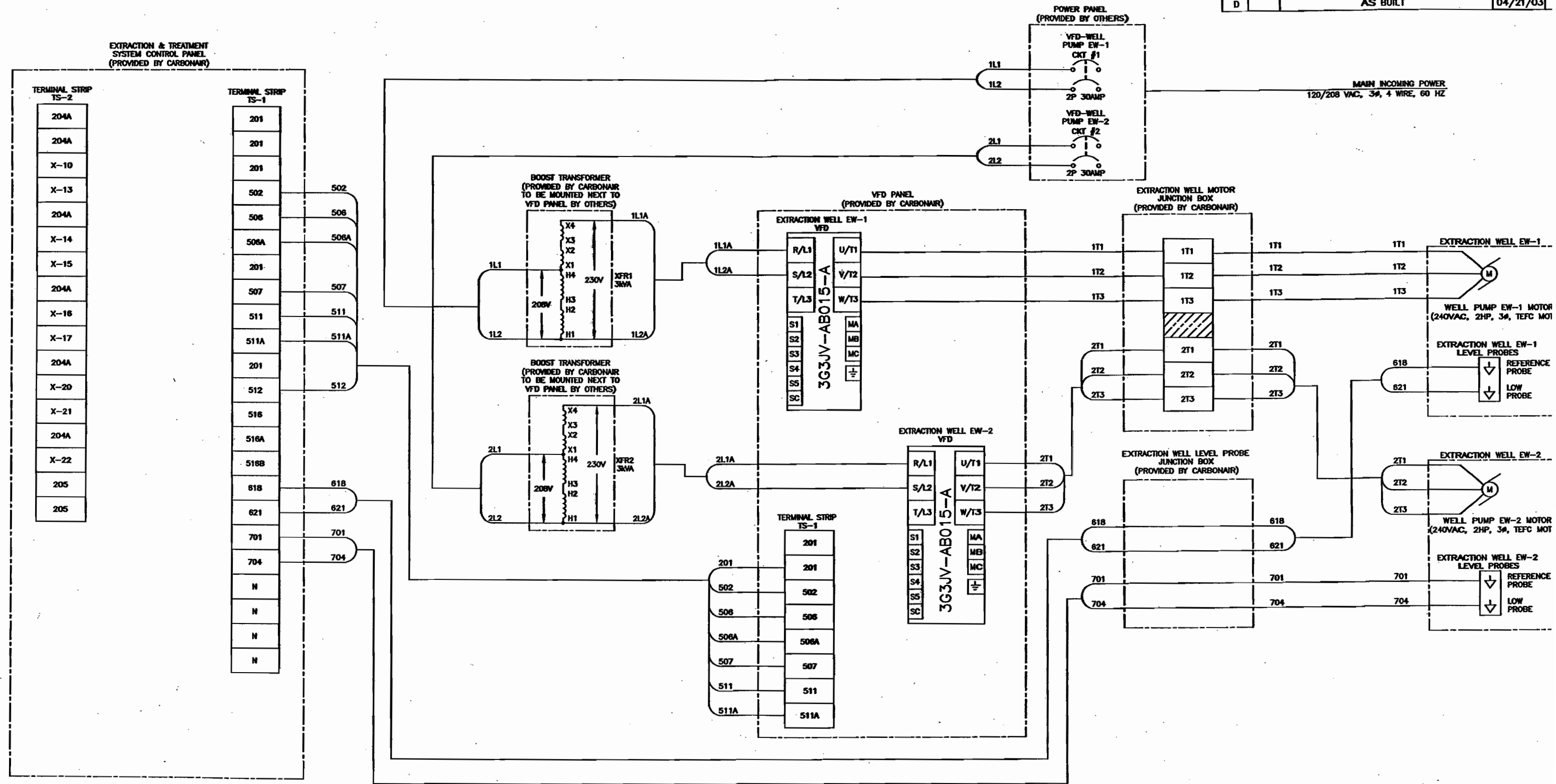
NOTES ON VFD PANEL ENCLOSURE:
1. DIMENSIONS: 36"x30"x12.62"
2. RATED NEMA1



MATERIAL		APPROVAL	DATE	 CARBONAIR WATER AND AIR DECONTAMINATION MINNEAPOLIS, MINNESOTA
DWG: AJH		10/25/02		
DMScale 1		LTScale .5		
TOLERANCES UNLESS NOTED OTHERWISE		PROJECT NO. 13703		TITLE
DECIMAL .03	FRACTIONAL 1/32"	ANGLES 1°		SCHEMATIC, VFD PANEL
THESE MATERIALS ARE CONFIDENTIAL AND ARE THE PROPRIETARY INFORMATION OF CARBONAIR SERVICES, INC. AND MAY NOT BE USED OR REPRODUCED WITHOUT THE CONSENT OF CARBONAIR SERVICES, INC.				URS CORP. - FRANKLIN
THIRD ANGLE PROJECTION				CLEANERS - NASSAU CITY
UNLESS OTHERWISE SPECIFIED: * DIMENSIONS ARE IN INCHES * DO NOT SCALE DRAWING				SIZE D DWG. NO. 215159
SCALE N/A				EQUIP. NO. SHEET 1 OF

INTERCONNECTION DIAGRAM #2
EXTRACTION WELL/VFD CONNECTIONS

REVISIONS			
REV	ECO	DESCRIPTION	DATE
B		REVISED FOR SUBMITTAL	11/04/02
C		RELEASED FOR PRODUCTION	01/23/03
D		AS BUILT	04/21/03



TOLERANCES UNLESS NOTED OTHERWISE		APPROVAL		DATE	
DECIMAL	FRACTIONAL	ANGLES	DRFT	AJH	10/30/02
.03	1/32"	1"	DMS	SCALE 1	LTS
THESE MATERIALS ARE CONFIDENTIAL AND ARE THE PROPRIETARY INFORMATION OF CARBONAIR SERVICES, INC. AND MAY NOT BE USED OR REPRODUCED WITHOUT THE CONSENT OF CARBONAIR SERVICES, INC.			PROJECT NO. 13703		
THIRD ANGLE PROJECTION			UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING		
CARBONAIR WATER AND AIR DECONTAMINATION MINNEAPOLIS, MINNESOTA			TITLE INTERCONNECTION DIAGRAM URS CORP. - FRANKLIN CLEANERS - NASSAU CITY		
DWG. NO. 215218(02)			SHEET 2 OF 2		

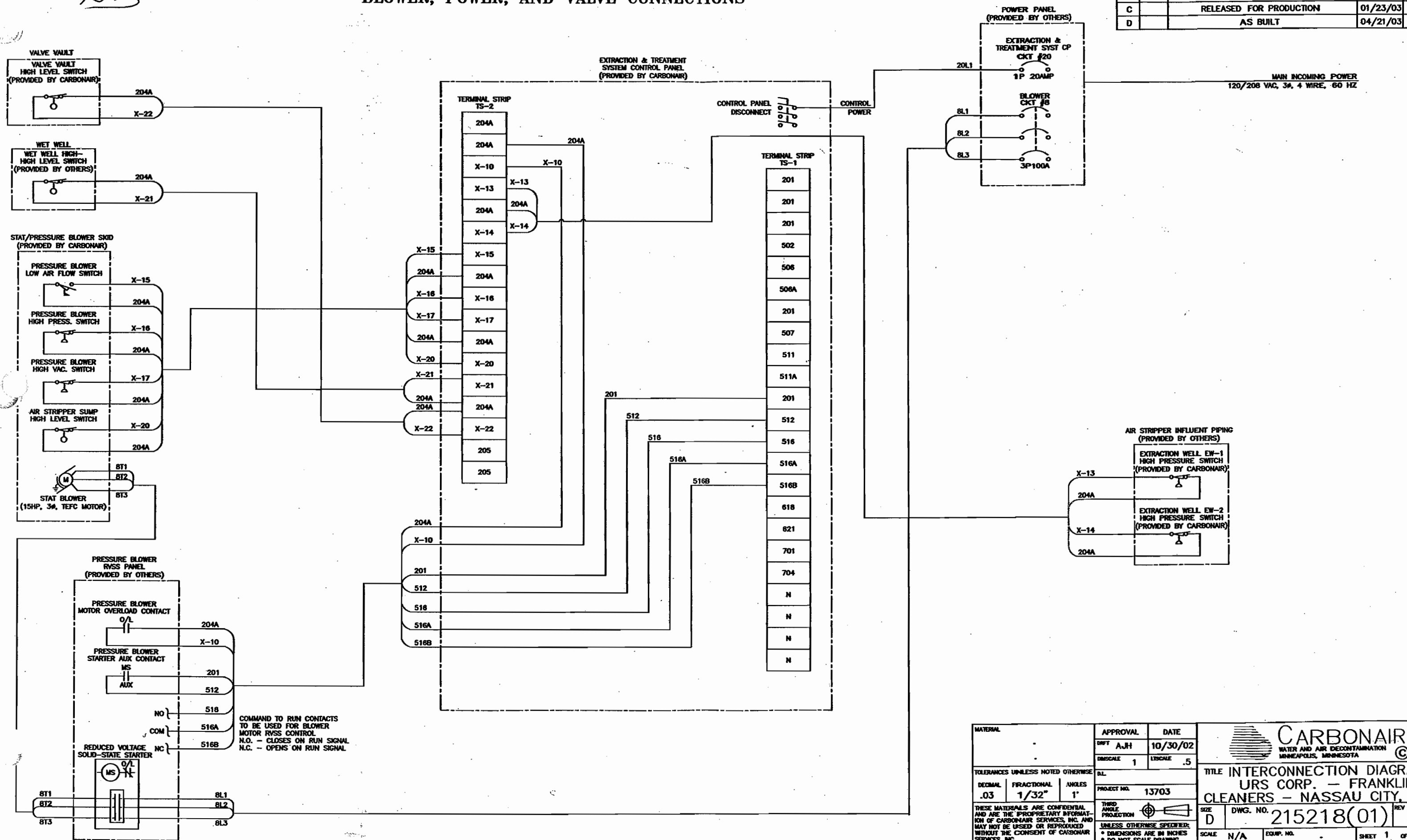
Revised on July 8 2003

BB

INTERCONNECTION DIAGRAM #1 BLOWER, POWER, AND VALVE CONNECTIONS

REVISIONS

REV	ECO	DESCRIPTION	DATE	D
-	-	-	-	-
B		REVISED FOR SUBMITTAL	11/04/02	/
C		RELEASED FOR PRODUCTION	01/23/03	/
D		AS BUILT	04/21/03	/



MATERIAL		APPROVAL		DATE	
		DRFT A.J.H.		10/30/02	
		DMSCALE 1		LTSSCALE .5	
		DL			
		PROJECT NO. 13703			
THESE MATERIALS ARE CONFIDENTIAL AND ARE THE PROPRIETARY INFORMATION OF CARBONAIR SERVICES, INC. AND MAY NOT BE USED OR REPRODUCED WITHOUT THE CONSENT OF CARBONAIR SERVICES, INC.		THIRD ANGLE PROJECTION		TITLE INTERCONNECTION DIAGRAM URS CORP. - FRANKLIN CLEANERS - NASSAU CITY, I	
		UNLESS OTHERWISE SPECIFIED:		SIZE D DWG. NO. 215218(01)	
		• DIMENSIONS ARE IN INCHES • DO NOT SCALE DRAWING		SCALE N/A EQUIP. NO. SHEET 1 OF	



Ex HAVST / FSN

- seal / check extension
- (✓) belt tension
- (✓) belt alignment

Wed, 9 JULY 03

Water Well

- cut chain (2)
- 1/2" clamps for flange
- flange clamps (3 pc)

Value Vault

- Seal/Gasket with penetrations.
- Remove FANS, - print cover
- Print pipe
- Install floor support.
- Install pressure gauges.
- clamps on floor support (SS)
- chip/locate 1 1/4 power conduit re-print
- Fasten grating
- need floor for pump.
- value vault steps

Control Island

- need to check when grating.

VPC unit discharge

- Install Thermometer
- Install pitot tube
- Install tees to DP Gauge
- Install corking collar 6" penetration
- Install roofing Jan
- Install rein cap.
- Touch up paint.
- ~~Rein~~

ET Pump

- Plug ST @ Pump (old PE location)
- Washers @ FLNGOS.
- (V) Bolt concrete
- Seal floor penetration sleeve
- Pressure tank (plve.)
- Install valve & PI $\frac{1}{8}"$
- nuclear Pressure TANK
- 90° sink DRW $1\frac{1}{2}"$
90°
- Remove angle on 1" sink style
- Install larger angle & clamp
on sink down pipe
- SS galv. dam.
- seal with penetration.

Pressure Gauge
Blower suction ← Dwyer 2040 P.E.

- Vacuum Gauge upstream of BF Valve
- Install Valve & Drain Nipple
- PS should be 1823 not 1950.

Blower

- Verify

- Bolt Tightness
- Pulley Alignment
- Convent Alignment
- ? Blower Housing Paint
- Anchor Bolts
- (VV) Grease Bolting (CARBONITE SV)

Blower Discharge

- Instrumentation

- Pressure Gauge

- PS. Dwyer 1823 TO BE INSTALLED
- 1950 delivered / rec'd
- FS. NEEDS TO BE INSTALLED

Convent

- PVC CUSTOD OR UNISTRUT COUPLER

VPC unit mmb/d

- TIGHTEN BF Valve. Bolts & ALL FLANGES
- COS DP Gauge 1/8" screws
- Calibrate DP Gauge
- Install Pressure Gauge / Sample tap Assembly
- TETRA SOLV. - DRAIN PLUG

8 JULY 03.

PROCESSES TESTING.

- AIRSTRIPPER (LIQUID.) IN FLOT PILING
 - seal vertical sleeves.
 - install sample taps.
 - check calibration flow meters.
 - TIGHTEN FLANGES.
 - INSTALL WASHERS IN FLANGE BOLTS.
 - same type

- AIR STRIPPER -

- Remove ^{GLASS} CIP. SIGHT GLASS
- ? drain @ SIGHT GLASS (valve)

FROST AIR INLET DUCT

- Install vacuum gauge
- Check well penetration
- Install RAIN CAP.
- Install Unbonded Support @
will have 8" P.P.S

4" LIQUID DISCHARGE

- Seal Floor no. Antenna

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 9 2003

CONSTRUCTION ACTIVITIES:

- * JK Electric continued with pulling cables and started wiring to pumps equipment.
- * URS continued with the installation and supports of piping:
 - sample taps / gauges
 - installation supports valve vault
- * Finish with second part of preliminary Field testing: All items completed as far as possible except for extraction well vaults. See attachment for punch list items to be completed prior to substantial completion.
- * URS subcontractor Delta Well and Pump continued and finished well development of extraction well EW-2. Maximum capacity of EW-2 is about 10-11 gpm @ 74 ft below ~~ground~~ surface.

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BY R Helig TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE July 9 2003

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
J+T+B. Kilcullen 2 Drillers	URS JK Electric Delta Well.	

VISITORS			
Time	Name	Representing	Remarks
7:30	R. Helwig	D+B	Construction Inspection Project Manager Site Super. Field Technician
7:50	F. DeVita	D+B	
7:00	R. Sullivan	URS	
7:00	R. Baronowski	URS	
7:00	S. Morales	URS	
9:00	A. Jeroszewski	D+B	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE

July 10

CONSTRUCTION ACTIVITIES:

- * B.K. Electric continued with wiring the system inside Treatment System Building.
- * URS continued with installation of piping inside building:
- punch list items
- * URS installed well vault EW-2 @ 7.20 work was stopped after an unknown cable was found 16" north of extraction well. After several phone calls with NYSDOT Ken Sullivan decided to continue with installation of well vault. The unknown cable is most likely an abandoned power cable for light poles. The depth of the cable was about 10-12". @ 9.45 am. Excavation was continued. Well vault installed on 1.10 pm. and 2.30 pm area was back filled. According to
- * ~~Contract~~ Drawing E-1 conduit C-8 suppose to go to extraction and treatment control panel. This is an error on the Drawings. Conduit C-8 should go to the submersible pump control panel for high pressure switch. M. Neupreyer agreed and confirmed this. Electrical contractor notified about this issue.

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BY

R. H. L. G.

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE July 10 2003

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
J. T. J. Kilcullen	D.K. Electric	Installation wiring system.
1 Laborer	Construction Force	Installation punch list items
2	AGE	well vault.
1 machine operator	AGE	
2 crane operators	NV Way Crane	

VISITORS

Time	Name	Representing	Remarks
7:30	R. Helwig	D.B.	Construction Inspection
7:00	K. Sullivan	URS	Project Manager
7:00	R. Baranowski	URS	Site Super.
7:00	S. Morales	URS	Field Technician

EQUIPMENT AT THE SITE:

Grove 170 tons crane
 Excavator CAT 41315

MATERIALS:

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BY R. Helwig TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 11 2003

CONSTRUCTION ACTIVITIES:

URS continued with following activities:

- punch list items
- installation (welder extraction well vaults EW 1 +2)

OK Electric continued with installation of wires and conduits

Installation of extraction well pumps EW 1+2 was cancelled for today and will be rescheduled for Monday July 14 2003.
Reason area not accessible due to piles of dirt

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BY

R. Heling

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE July 11 2003

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.
WIND
HUMIDITY

Brite Sun	Clear	Overcast X	Rain X	Snow
To 32	32-50	50-70 X	70-85	85+up
Still X	Moder.	High	Report No.	
Dry	Moder.	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<u>J.K. Cullen</u> <u>2 Laborers</u>	<u>B.K. Electric</u> <u>Construction Force</u>	

VISITORS

Time	Name	Representing	Remarks
<u>7:30</u>	<u>R. Heling</u>	<u>D+B</u>	<u>Construction Inspection</u> <u>Project Manager.</u> <u>Site Super.</u> <u>Freeman</u>
<u>7:30</u>	<u>K. Sullivan</u>	<u>URS</u>	
<u>7:30</u>	<u>R. Bagnowski</u>	<u>URS</u>	
<u>7:30</u>	<u>B. Hoffman</u>	<u>URS</u>	

EQUIPMENT AT THE SITE:

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BY R. Heling TITLE Inspector

Pump ID EW#1

25E05-3/2

B 0503 003 - P101/24 7 US

25 gpm / 60 ft / 60 ft - 3450 RPM

OVERLOAD PROTECTION 4-INCH THREE-PHASE SUBMERSIBLE MOTORS

NOTICE: WARRANTY ON THREE PHASE SUBMERSIBLE MOTORS IS VOID UNLESS SUBTROL-PLUS® OR AMBIENT COMPENSATED QUICK TRIP PROTECTION IS USED IN ALL THREE LINES.

The characteristics of submersible motors are different than standard motors, and special overload protection is required. Either Subtrol-Plus® or other overload protection approved by Franklin Electric must be used with this motor. For a list of approved overload relays, please refer to Franklin Electric's Application-Installation-Maintenance (AIM) Manual or website (www.franklin-electric.com), or call the Submersible Service Hotline at 800.348.2420. Fixed heater selections for some overload relays common to North America are listed below, along with instructions for the use of fully adjustable overload relays.

Fixed Heater Overload Relays

Heater selection components:

Allen-Bradley
Furnas Class
General Electric
heaters).

Some of the
adjustment
necessary
measured:

Relay adjustment
Only if tripping
nameplate max
exceed the MA

WARNING

AVOID SERIOUS OR FATAL SHOCK BY
DISCONNECTING POWER BEFORE WORKING
ON OR AROUND THIS WATER SYSTEM.
HAVE WORK PERFORMED BY TECHNICALLY
QUALIFIED PERSONNEL COMPLYING WITH
ALL GROUNDING AND CODE REQUIREMENTS.

THIS LABEL IDENTIFIES THE FRANKLIN
SUBMERSIBLE MOTOR USED IN THE WELL.
PLEASE DISPLAY PROMINENTLY. A SUGGESTED
LOCATION IS THE DISCONNECT BOX.

MODEL 2343059204 HP 2 KW 1.5 PH 3
VOLTS 200 RPM 3450 HZ 60
AMP 7.7 S.F. MAX. AMP 9.3
SF 1.25 KVA CODE L CONT. DUTY
MIN FLOW FT/SEC CSA CERTIFIED



Franklin Electric

www.franklin-electric.com

MADE IN USA

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 14 2003

CONSTRUCTION ACTIVITIES:

- * URS subcontractor Chevalley Wallace on site to perform pressure testing but left site @ 12⁰⁰ PM without testing pipe lines.
- * URS subcontractor Delta Well + Pump on site for installation of ground water extraction well pumps. Contractor notified to make adjustments for EW-02:
 - A. lower pump with inlet @ top of casing.
 - B. install shroud casing around pump motor.
 - C. install low level sensor 3 Ft above top of pipe
 - D. air lines @ top of pump.
 Delta well + Pump decided to pre-pair all materials and install both pumps on Tuesday July 15 2003.
- * JK Electric continued with:
 - pulling wires to well vaults
 - install lighting fixtures
 - wiring in EW: Treatment control panel.
- * URS continued with installation of:
 - install float valve vault + clamp
 - clamps wet well
 - clean wet well
 - install ram hood + screen air inlet

DISTRIBUTION

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PAGE 2 OF 2 PAGES

BY TR Helzig

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE

July 14 2003

DAY

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>J+J+T. Kilcullen</i> <i>2 electricians</i> <i>2 laborers</i> <i>2 plumbers</i>	<i>JK Electric</i> <i>Delta Well + Pump</i> <i>Construction Force.</i> <i>Chavally + Wallace.</i>	

VISITORS

Time	Name	Representing	Remarks
<i>7:30</i>	<i>R. Helbig</i>	<i>DOB</i>	<i>Construction Inspection</i>
<i>7:00</i>	<i>K. Sullivan</i>	<i>URS</i>	<i>Project Manager.</i>
<i>7:00</i>	<i>R. Barenkowski</i>	<i>URS</i>	<i>Site Super.</i>
<i>7:00</i>	<i>S. Morales</i>	<i>URS</i>	<i>Field Technician.</i>

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BY

R. Helbig

TITLE

Inspector



CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH JOB NO.:

CHEMTECH QUOTE NO.:

83429

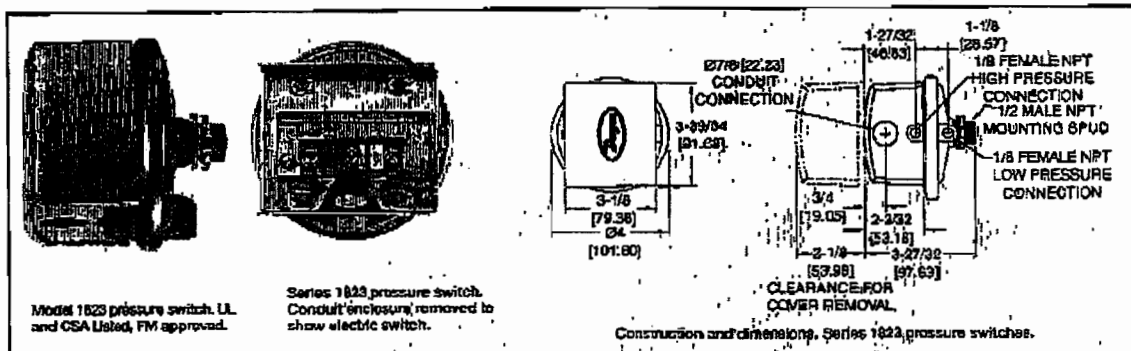
CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION	
REPORT TO BE SENT TO: COMPANY: <u>VRS Corporation</u>		PROJECT NAME: <u>Franklin Cleaners</u>		BILL TO: <u>Kenneth Sullivan</u> PO #:	
ADDRESS: <u>201 Wilburton Blvd</u>		PROJECT NO.: <u>807250</u> LOCATION: <u>Temp. NY</u>		ADDRESS: <u>Same as Quint</u>	
CITY: <u>Wayne</u> STATE: <u>NJ</u> ZIP: <u>07474</u>		PROJECT MANAGER: <u>Kenneth Sullivan</u>		CITY: STATE: ZIP:	
ATTENTION: <u>Kenneth Sullivan</u>		E-MAIL: <u>Kenneth.Sullivan@vrs.com</u>		ATTENTION: PHONE:	
PHONE: <u>(973) 812-6269</u> FAX: <u>(973) 785-1956</u>		PHONE: <u>(973) 812-6269</u> FAX: <u>(973) 785-1956</u>			
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS	
FAX: _____ DAYS: _____		<input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USE PACIP			
HARD COPY: _____ DAYS: _____		<input checked="" type="checkbox"/> RESULTS + QC <input checked="" type="checkbox"/> NYS ASP "B"			
EDD: _____ DAYS: _____		<input type="checkbox"/> NJ REDUCED <input type="checkbox"/> NYS ASP "A"			
* TO BE APPROVED BY CHEMTECH		<input type="checkbox"/> NJ CLP <input type="checkbox"/> EDD			
** NORMAL TURNAROUND TIME <u>10</u> DAYS					
CHEMTECH SAMPLE ID		PROJECT IDENTIFICATION		PRESERVATIVES	
1. <u>FC-AS14W-2-01-RE</u>		1. <u>Water</u>		1. <u>NO</u>	
2. <u>FC-AS14W-1-01-RE</u>		2. <u>FD</u>		2. <u>X</u>	
3. <u>FC-AS14W-1-01-RE</u>		3. <u>FD</u>		3. <u>X</u>	
4. <u>FC-AS14W-3-01-RE</u>		4. <u>FD</u>		4. <u>X</u>	
5. <u>FC-AS14W-5-01-RE</u>		5. <u>FD</u>		5. <u>X</u>	
6. <u>FC-AS14W-4-01-RE</u>		6. <u>FD</u>		6. <u>X</u>	
7. <u>FC-AS14W-4-01-RE</u>		7. <u>FD</u>		7. <u>X</u>	
8. <u>FC-AS14W-4-01-RE</u>		8. <u>FD</u>		8. <u>X</u>	
9. <u>FC-AS14W-4-01-RE</u>		9. <u>FD</u>		9. <u>X</u>	
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102. <u>FC-AS14W-4-01-RE</u>		102. <u>FD</u>		102. <u>X</u>	
103. <u>FC-AS14W-4-01-RE</u>		103. <u>FD</u>		103. <u>X</u>	
104. <u>FC-AS14W-4-01-RE</u>		104. <u>FD</u>		104. <u>X</u>	
105. <u>FC-AS14W-4-01-RE</u>		105. <u>FD</u>		105. <u>X</u>	
106. <u>FC-AS14W-4-01-RE</u>		106. <u>FD</u>		106. <u>X</u>	
107. <u>FC-AS14W-4-01-RE</u>		107. <u>FD</u>		107. <u>X</u>	
108. <u>FC-AS14W-4-01-RE</u>		108. <u>FD</u>		108. <u>X</u>	
109. <u>FC-AS14W-4-01-RE</u>		109. <u>FD</u>		109. <u>X</u>	
110. <u>FC-AS14W-4-01-RE</u>		110. <u>FD</u>		110. <u>X</u>	
111. <u>FC-AS14W-4-01-RE</u>		111. <u>FD</u>		111. <u>X</u>	
112. <u>FC-AS14W-4-01-RE</u>		112. <u>FD</u>		112. <u>X</u>	
113. <u>FC-AS14W-4-01-RE</u>		113. <u>FD</u>		113. <u>X</u>	
114. <u>FC-AS14W-4-01-RE</u>		114. <u>FD</u>		114. <u>X</u>	
115. <u>FC-AS14W-4-01-RE</u>		115. <u>FD</u>		115. <u>X</u>	
116. <u>FC-AS14W-4-01-RE</u>		116. <u>FD</u>		116. <u>X</u>	
117. <u>FC-AS14W-4-01-RE</u>		117. <u>FD</u>		117. <u>X</u>	
118. <u>FC-AS14W-4-01-RE</u>		118. <u>FD</u>		118. <u>X</u>	
119. <u>FC-AS14W-4-01-RE</u>		119. <u>FD</u>		119. <u>X</u>	
120. <u>FC-AS14W-4-01-RE</u>		120. <u>FD</u>		120. <u>X</u>	
121. <u>FC-AS14W-4-01-RE</u>		121. <u>FD</u>		121. <u>X</u>	
122. <u>FC-AS14W-4-01-RE</u>		122. <u>FD</u>		122. <u>X</u>	
123. <u>FC-AS14W-4-01-RE</u>		123. <u>FD</u>		123. <u>X</u>	
124. <u>FC-AS14W-4-01-RE</u>		124. <u>FD</u>		124. <u>X</u>	
125. <u>FC-AS14W-4-01-RE</u>		125. <u>FD</u>		125. <u>X</u>	
126. <u>FC-AS14W-4-01-RE</u>		126. <u>FD</u>		126. <u>X</u>	
127. <u>FC-AS14W-4-01-RE</u>		127. <u>FD</u>		127. <u>X</u>	
128. <u>FC-AS14W-4-01-RE</u>		128. <u>FD</u>		128. <u>X</u>	
129. <u>FC-AS14W-4-01-RE</u>		129. <u>FD</u>		129. <u>X</u>	
130. <u>FC-AS14W-4-01-RE</u>		130. <u>FD</u>		130. <u>X</u>	
131. <u>FC-AS14W-4-01-RE</u>		131. <u>FD</u>		131. <u>X</u>	
132. <u>FC-AS14W-4-01-RE</u>		132. <u>FD</u>		132. <u>X</u>	
133. <u>FC-AS14W-4-01-RE</u>		133. <u>FD</u>		133. <u>X</u>	
134. <u>FC-AS14W-4-01-RE</u>		134. <u>FD</u>		134. <u>X</u>	
135. <u>FC-AS14W-4-01-RE</u>		135. <u>FD</u>		135. <u>X</u>	
136. <u>FC-AS14W-4-01-RE</u>		136. <u>FD</u>		136. <u>X</u>	
137. <u>FC-AS14W-4-01-RE</u>		137. <u>FD</u>		137. <u>X</u>	
138. <u>FC-AS14W-4-01-RE</u>		138. <u>FD</u>		138. <u>X</u>	
139. <u>FC-AS14W-4-01-RE</u>		139. <u>FD</u>		139. <u>X</u>	
140. <u>FC-AS14W-4-01-RE</u>		140. <u>FD</u>		140. <u>X</u>	
141. <u>FC-AS14W-4-01-RE</u>		141. <u>FD</u>		141. <u>X</u>	
142. <u>FC-AS14W-4-01-RE</u>		142. <u>FD</u>		142. <u>X</u>	
143. <u>FC-AS14W-4-01-RE</u>		143. <u>FD</u>		143. <u>X</u>	
144. <u>FC-AS14W-4-01-RE</u>		144. <u>FD</u>		144. <u>X</u>	
145. <u>FC-AS14W-4-01-RE</u>		145. <u>FD</u>		145. <u>X</u>	
146. <u>FC-AS14W-4-01-RE</u>		146. <u>FD</u>		146. <u>X</u>	
147. <u>FC-AS14W-4-01-RE</u>		147. <u>FD</u>		147. <u>X</u>	
148. <u>FC-AS14W-4-01-RE</u>		148. <u>FD</u>		148. <u>X</u>	
149. <u>FC-AS14W-4-01-RE</u>		149. <u>FD</u>		149. <u>X</u>	
150. <u>FC-AS14W-4-01-RE</u>		150. <u>FD</u>		150. <u>X</u>	
151. <u>FC-AS14W-4-01-RE</u>		151. <u>FD</u>		151. <u>X</u>	
152. <u>FC-AS14W-4-01-RE</u>		152. <u>FD</u>		152. <u>X</u>	
153. <u>FC-AS14W-4-01-RE</u>		153. <u>FD</u>		153. <u>X</u>	
154. <u>FC-AS14W-4-01-RE</u>		154. <u>FD</u>		154. <u>X</u>	
155. <u>FC-AS14W-4-01-RE</u>		155. <u>FD</u>		155. <u>X</u>	
156. <u>FC-AS14W-4-01-RE</u>		156. <u>FD</u>		156. <u>X</u>	
157. <u>FC-AS14W-4-01-RE</u>		157. <u>FD</u>		157. <u>X</u>	
158. <u>FC-AS14W-4-01-RE</u>		158. <u>FD</u>		158. <u>X</u>	
159. <u>FC-AS14W-4-01-RE</u>		159. <u>FD</u>		159. <u>X</u>	
160. <u>FC-AS14W-4-01-RE</u>		160. <u>FD</u>		160. <u>X</u>	
161. <u>FC-AS14W-4-01-RE</u>		161. <u>FD</u>		161. <u>X</u>	
162. <u>FC-AS14W-4-01-RE</u>		162. <u>FD</u>		162. <u>X</u>	
163. <u>FC-AS14W-4-01-RE</u>		163. <u>FD</u>		163. <u>X</u>	
164. <u>FC-AS14W-4-01-RE</u>		164. <u>FD</u>		164. <u>X</u>	
165. <u>FC-AS14W-4-01-RE</u>		165. <u>FD</u>		165. <u>X</u>	
166. <u>FC-AS14W-4-01-RE</u>		166. <u>FD</u>		166. <u>X</u>	
167. <u>FC-AS14W-4-01-RE</u>		167. <u>FD</u>		167. <u>X</u>	
168. <u>FC-AS14W-4-01-RE</u>		168. <u>FD</u>		168. <u>X</u>	
169. <u>FC-AS14W-4-0</u>					

Pressure

Series
1800

Low Differential Pressure Switches for General Industrial Service

Set points from 0.07" to 85" W.C. Repetitive accuracy within 2%.



Essential for industrial environments, the Series 1800 combines small size and low price with 2% repeatability for enough accuracy for all but the most demanding applications. Set point adjustment inside the mounting stud permits mounting switch on one side of a wall or panel with adjustment easily accessible on the opposite side. UL and CSA listed, FM and CENELEC approved.

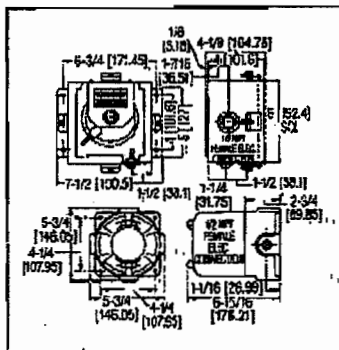
SPECIAL MODELS AVAILABLE

Weatherproof Housing

16 ga. steel enclosure with gasketed cover (NEMA 4 for wet or oily conditions. Withstands 200 hour salt spray test. Wet. 24 lbs. (10.9 kg). Switch must be factory installed. Change 1823 base number to 1824 and add -WP suffix. Example: 1824-1-WP.

Explosion-Proof Housing

Cast iron base with aluminum cover. Rated Class I, Div. 1 & 2; Groups C, D; Class II, Div. 1 & 2; Groups E, F, G; Class III and NEMA 7 C.D., 9 C.F.G. 14, 74 lbs. (6.4 kg). Switch must be factory installed. Change base number to 1824 and add -EXP suffix. Example: 1824-1-EXP.



CENELEC Approved Housing. Cast iron base with brass cover. Explosion-proof housing, Cenelec approved, EExd and NEMA-7&9 rated; Change base number to 1824 and add -CN suffix. Example: 1824-1-CN.



MIL Environmental Construction — Unlisted Model 1820 can be furnished with a special sealed snap switch for protection against high humidity, fungus and/or military applications. Similar to Model 1823 except dead band is slightly greater and some lower setpoints may not be possible. To order, add suffix -MIL. Example: 1820-2-MIL.

No. A-389 Mounting bracket is 16 ga. steel, zinc plated and aluminum dipped for corrosion resistance. Provides rugged, permanent mounting and speeds installation.

SPECIFICATIONS

Service: Air and non-combustible, compatible gases.

Wetted Materials: Consult Factory.

Temperature limits: -30 to 180°F (-34 to 82.2°C). 1823-00, -20 to 180°F (-28.9 to 82.2°C).

Pressure Limits: 10 psig (68.95 kPa) continuous, 25 psig (172.4 kPa) surge.

Switch Type: Single-pole double-throw (SPDT).

Repeatability: ±2%.

Electrical Rating: 15 A @ 120-480 VAC, 60 Hz. Resistive 1/8 HP @ 125 VAC, 1/4 HP @ 250 VAC, 60 Hz. De-rate to 10 A for operation at high cycle rates.

Electrical Connections: 3 screw type, common, normally open and normally closed.

Process Connections: 1/8" female NPT.

Mounting Orientation: Diaphragm in vertical position. Consult factory for other position orientations.

Set Point Adjustment: Screw type inside mounting stud.

Weight: 1 lb., 5 oz. (555g).

Agency Approvals: CE, UL, CSA, Cenelec, FM.

CAUTION: FOR USE ONLY WITH AIR OR COMPATIBLE GASES.

SERIES 1823 SWITCHES — STOCKED MODELS OPERATING RANGES, DEADBANDS & PRICES

Model Number	Operating Range, Inches W.C.	Approximate Dead Band	
		At Min. Set Point	At Max. Set Point
1823-00	0.07 to 0.22	0.05	0.05
1823-0	0.15 to 0.5	0.06	0.06
1823-1	0.3 to 1.0	0.08	0.08
1823-2	0.5 to 2.0	0.10	0.12
1823-5	1.5 to 5.0	0.14	0.28
1823-10	2.0 to 10	0.18	0.45
1823-20	3 to 22	0.35	0.70
1823-40	5 to 44	0.56	1.10
1823-80	9 to 85	1.30	3.0

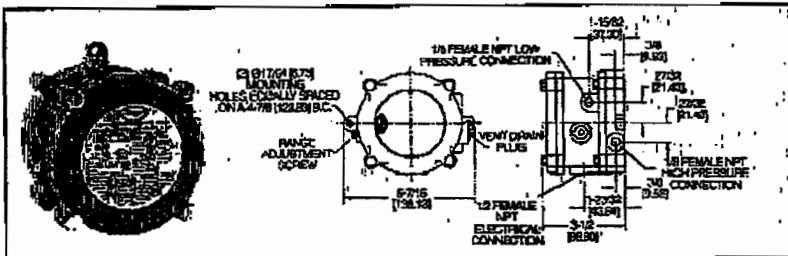
PC56 11/25/02 10:01 AM Page 2

Pressure

Series
1950

Explosion-Proof Differential Pressure Switches

Compact, Low cost, Explosion-proof and Weatherproof.



Model 1950 Explosion-Proof Differential Pressure Switch combines the best features of the popular Dwyer series 1900 with an integral explosion-proof and weather-proof housing, making it an exceptional value for either application. It is CE, UL and CSA Listed, FM approved for use in Class I, Div. 1, Groups C and D, Class II Groups E, F, and G and Class III hazardous atmospheres (NEMA 7 & 9), Exintrinsically (NEMA 8). Weather-proof features include a drain plug and O-ring seal in cover. Electrical connections are easily made by removing front cover. For convenience the set point adjustment screw is located on the outside of the housing. Two models offer set points from .03 to 20" w.c. (7.6 kPa to 5 kPa) and from .5 to 50 psi (0.34 to 3.5 bar). The unit is very light and compact - about half the weight and bulk of other explosion-proof or weather-proof switches with separate enclosures.

SPECIFICATIONS

Service: Air and non-combustible, compatible gases.
 Wetted Materials: Contact Factory.
 Temperature Limits: -40 to 140°F (-40 to 60°C); 0 to 140°F (-17.8 to 60°C) for 1950P-B, 1950P-15, 1950P-25, and 50; -30 to 130°F (-34.4 to 54.4°C) for 1950-02.
 Pressure Limits:
 Continuous: 1950's - 45" w.c. (0.11 bar); 1950P's - 35 psi (2.41 bar); 1950P-50 only - 70 psi (4.83 bar).
 Surge: 1950's - 10 psi (0.69 bar); 1950P's - 50 psi (3.45 bar); 1950P-50 only - 90 psi (6.21 bar).
 Enclosure Rating: IP64, NEMA 8, 7 and 9.
 Switch Type: Single-pole double-throw (SPDT).
 Electrical Rating: 15 A @ 125, 250, 460 VAC, 60 Hz. Resistive: 1/8 HP @ 125 VAC, 1/4 HP @ 250 VAC, 60 Hz.
 Electrical Connections: 3 screw type, common, normally open and normally closed.
 Process Connections: 1/8" female NPT.
 Mounting Orientation: Diaphragm in vertical position. Consult factory for other position orientations.
 Set Point Adjustment: Screw type on top of housing.
 Weight: 3.26 lbs. (1.5 kg); 1950-02 model, 4.4 lbs. (2 kg).
 Agency Approvals: CE, UL, CSA, FM.

SERIES 1950 SWITCHES - STOCKED MODELS, OPERATING RANGES AND DEAD BANDS

Model Number	Range, Inches W.C.	Approximate Dead Band at	
		Min. Set Point	Max. Set Point
1950-02	.03 to .10	.025	.05
1950-08	.07 to .15	.04	.05
1950-10	.15 to .50	.10	.15
1950-1	.4 to 1.8	.15	.20
1950-5	1.4 to 5.5	.30	.40
1950-10	3 to 11	.40	.50
1950-20	4 to 20	.40	.50

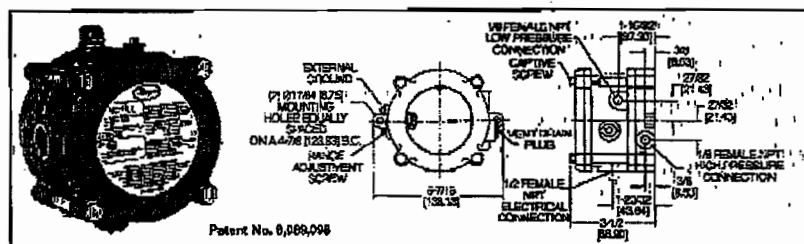
Model Number	Range, PSID	Approximate Dead Band at	
		Min. Set Point	Max. Set Point
1950P-2	.05 to 2	.03	.05
1950P-8	1.5 to 8	1.0	1.0
1950P-15	3 to 15	.9	.9
1950P-25	4 to 25	.7	.7
1950P-50	15 to 50	1.0	1.5

CAUTION: For use only with air or compatible gases. Applications with hazardous or corrosive and a single positive pressure may require special venting.
 *P-PSID range models

Model
1950G

Explosion-Proof Differential Pressure Switch

Explosion-Proof, Weatherproof, Compatible with Natural Gases



The Model 1950G Explosion-Proof Switch combines the best features of the popular Dwyer Series 1950 Pressure Switch with the benefit of natural gas compatibility. Units are rain-tight for outdoor installations, and are UL listed for use in Class I, Groups A, B, C, & D; Class II, Groups E, F, & G and Class III atmospheres, CENELEC approved for Exd IIB & Hydrogen TB, and CSA & FM approved for Class I, Div 1, Groups E, C, D; Class II, Div 1, Groups E, F, G and Class III atmospheres. The 1950G is very compact, about half the weight and bulk of equivalent conventional explosion-proof switches.

Easy access to the SPDT relay and power supply terminals is provided by removing the top plate of the aluminum housing. A supply voltage of 24 VDC, 120 or 240 VAC is required. A captive screw allows the cover to swing aside while remaining attached to the unit. Adjustment to the set point of the switch can be made without disassembly of the housing.

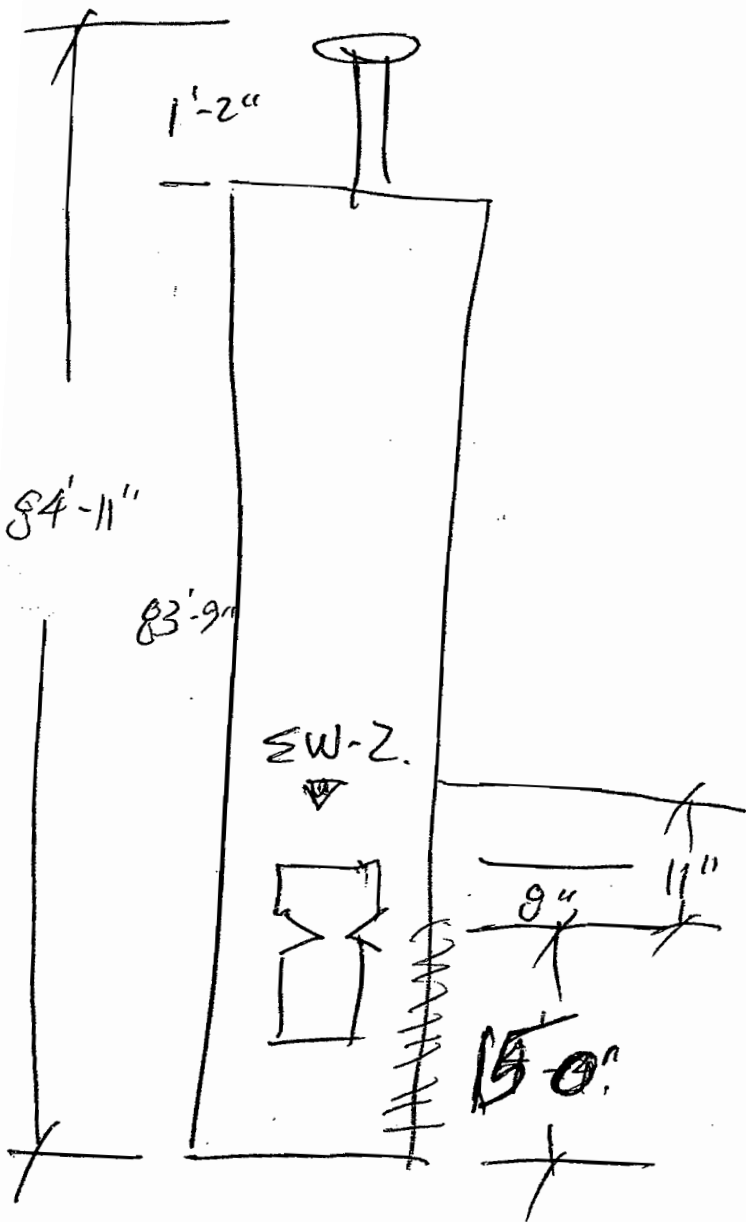
SPECIFICATIONS

Service: Air and compatible combustible gases.
 Wetted Materials: Contact Factory.
 Temperature Limits: 0 to 140°F (0 to 60°C).
 Note: Set point drift may occur with ambient temperature changes.
 Pressure Limits: 45" w.c. (1.12 kPa) continuous; 10 psig (68.95 kPa) surge.
 Enclosure Rating: IP64, NEMA 8, 7 and 9.
 Switch Type: 1 Form C relay (SPDT).
 Electrical Rating: 10A, 120/240 VAC, 25 VDC.
 Power Requirements: 24 VDC ±10%, 120 or 240 VAC ±10% optional.
 Electrical Connections: Internal Terminal Block.
 Process Connections: 1/8" female NPT.
 Mounting Orientation: Diaphragm in vertical position. Consult factory for other position orientations.
 Set Point Adjustment: Screw type on top of housing.
 Weight: 2 lbs. 15.7 oz. (1.35 kg).
 Agency Approvals: CE, UL, CSA, Cenelec, FM.

STOCKED MODELS*

Model Number	Range, Inches W.C.	Approximate Dead Band at	
		Min. Set Point	Max. Set Point
1950G-0.8-24	.07 to .35	.04	.08
1950G-0.8-24	.15 to .50	.06	.11
1950G-1.8-24	.4 to 1.8	.11	.29
1950G-5.8-24	1.4 to 5.5	.4	.9
1950G-10-24	3 to 11	.8	1.8
1950G-20-24	4 to 20	1.2	3.0

*Note: For automatic supply voltages change 24 to 120 or 240. Example: 1950G-0.8-120/240 VDC and 120 VAC models are stocked.



$$\begin{array}{r} 84' - 11'' \\ - 15 - 0'' \\ \hline 69' - 11'' \end{array}$$

$11''$

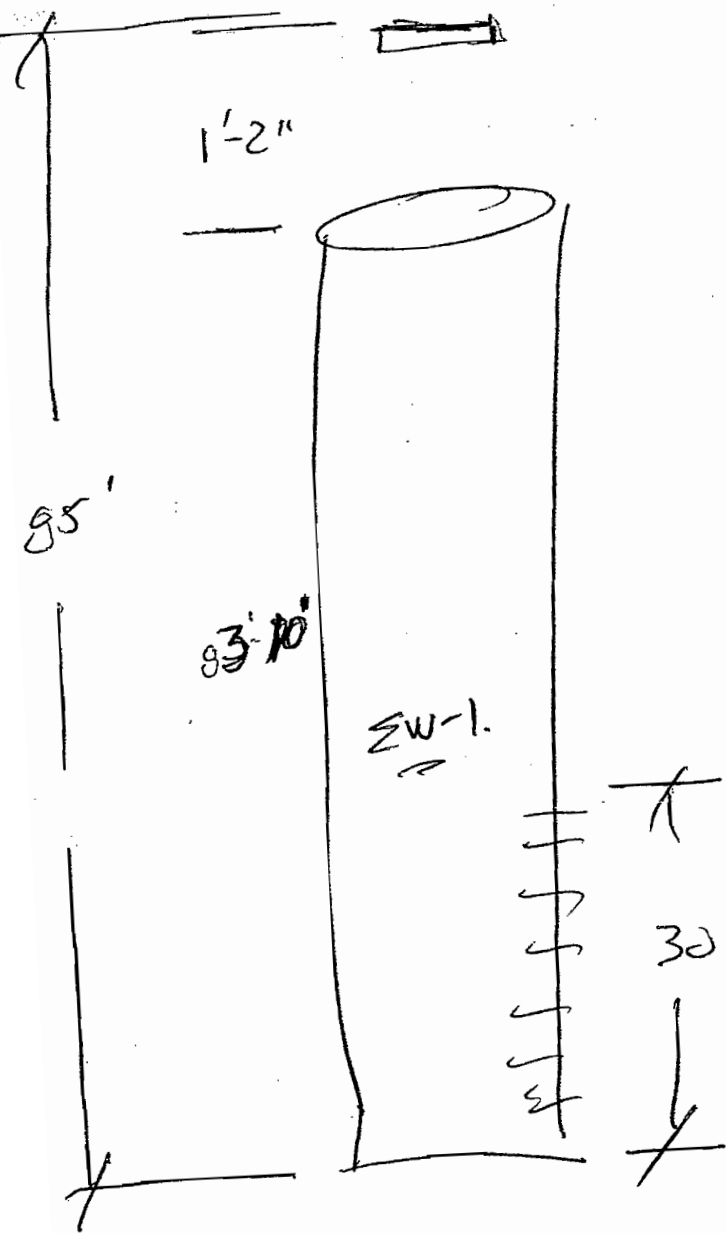
$69'$

(2) 20

(1) 21.

~~21~~

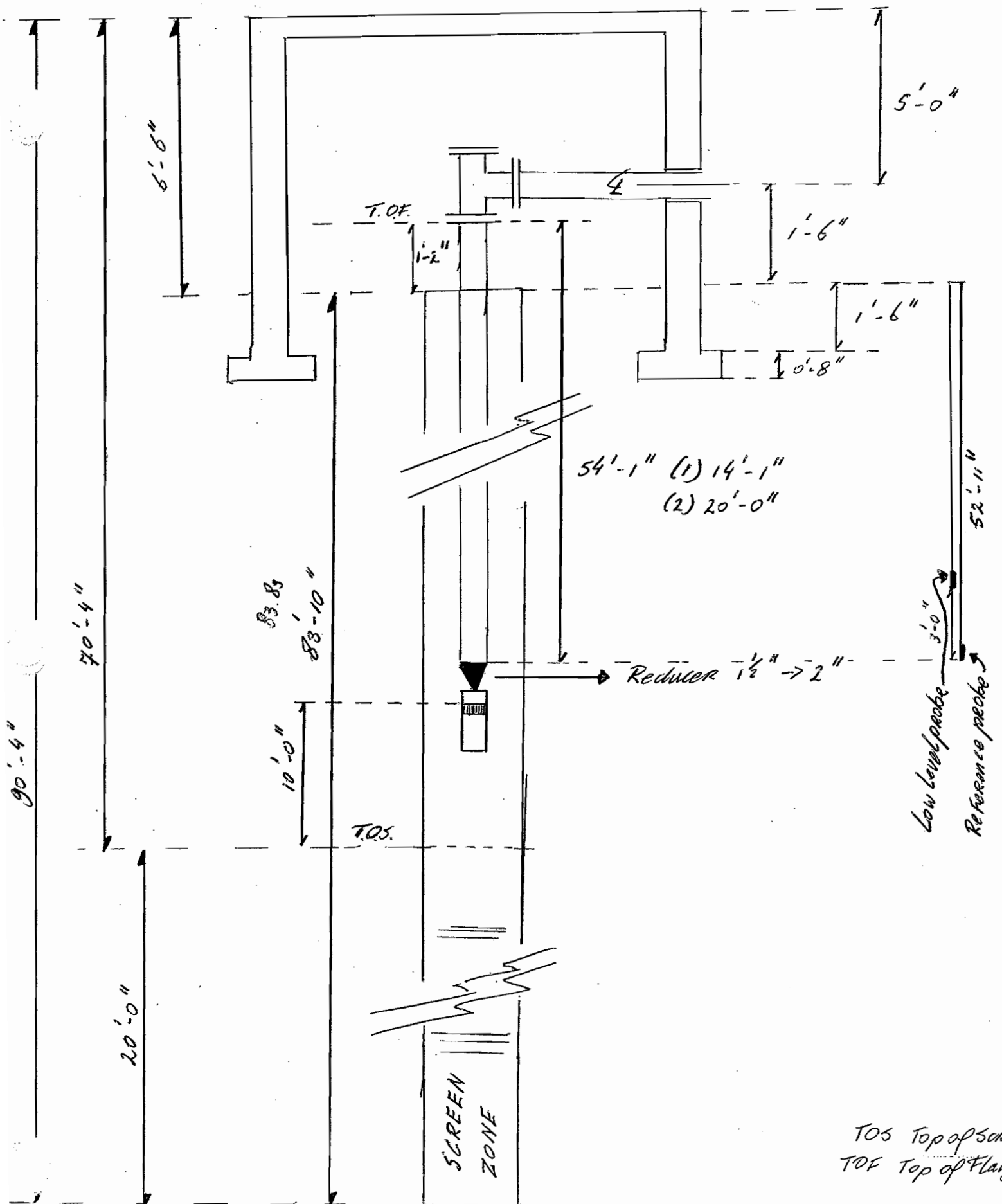
(1) 8'



$$\begin{array}{r}
 85' \\
 30 \\
 \hline
 55'
 \end{array}$$

$$\begin{array}{r}
 - \quad 11'' \\
 \hline
 54' - 1''
 \end{array}$$

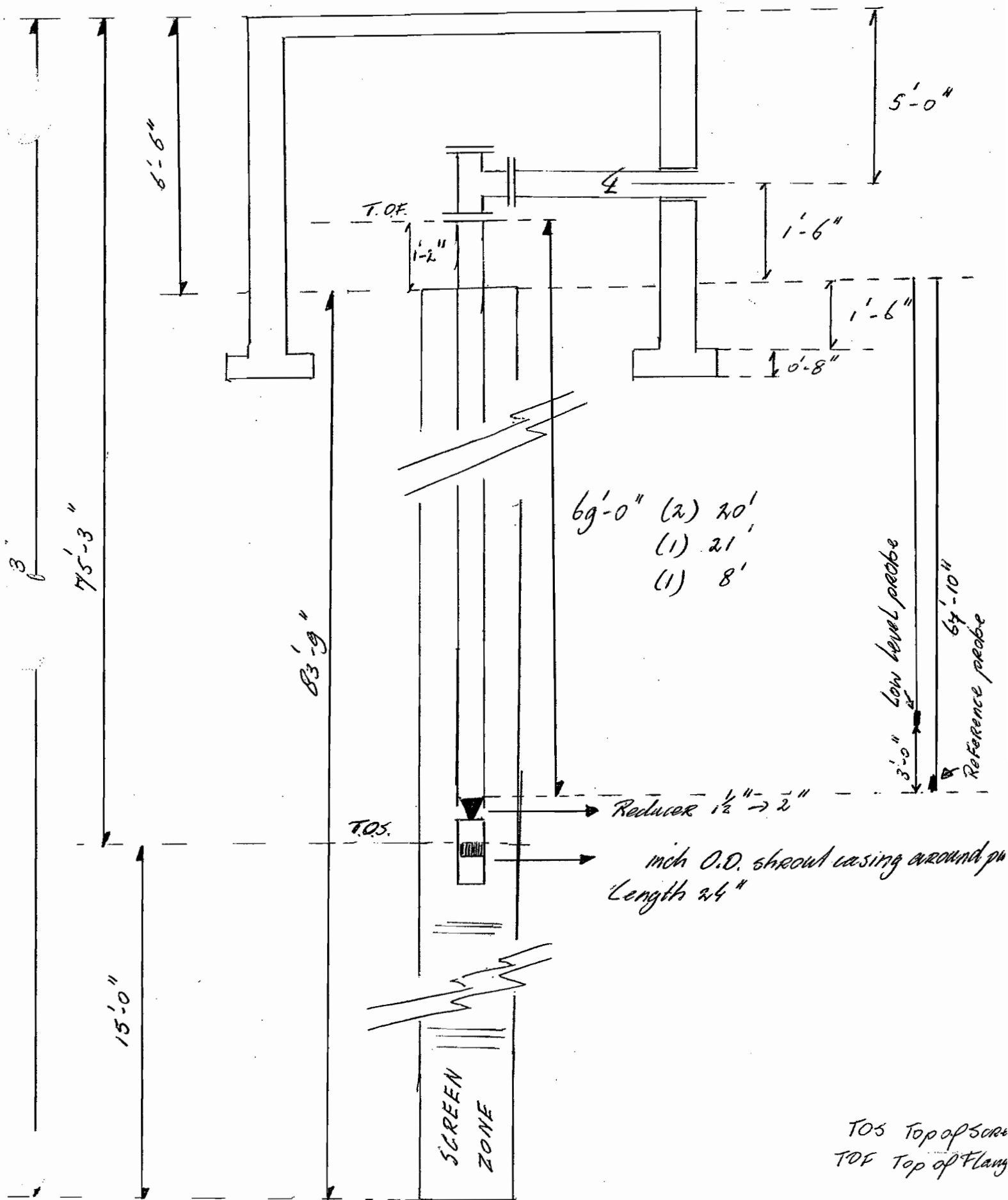
- (1) $14' - 1''$
 (2) $20'$
 (1) $0' - 11''$



TOS Top of Screen
 TOF Top of Flange

Outlet airline 11 inches above inlet of pump.

Encl. 1



Outlet airline 11 inches above inlet of pump.

ENCLOSURE

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 15

CONSTRUCTION ACTIVITIES:

- * 3K Electric continued with installation of electric wires. The following activities are completed:
 - lighting fixtures
 - exhaust fan
 - all pumps are connected.
 - instrumentation except in well vaults and vacuum pressure switches are installed.
- * Delta Well + pump installed EW pumps #1 and #2. See attached detail drawings
- * URS subcontractor Chevalley + Wallace on site to install 2" pipe lines in well vaults and install thrust blocks.
Chevalley + Wallace started with pressure testing piping:
 - * vapor carbon vessels = test failed both carbon vessels have several leaks on manhole flange.
 - * ductile iron pipe = test failed URS will inspect pipe line and retest on Wednesday.
 - * Influent line EW-2: test failed.

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BY

R. Helig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE

July 15 2003

DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
J. T. J. Kilcullen. 2 Laborers 2 Plumbers 2 Laborers	J.K. Electric. Construction Force. Chevally + Wallace. Delta Well + pump	

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D+B	Construction Inspection. Project Manager. Site Super. Field Technician.
7:00	K. Sullivan	URS	
7:00	R. Baranowski	URS	
7:00	S. Morales	URS	

EQUIPMENT AT THE SITE:

MATERIALS:

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PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 16 2003

CONSTRUCTION ACTIVITIES:

JK Electric continued with installation of outdoor lightning and emergency lights.

URS continued with following activities:

- piping in EW-01 and EW-02.
- start up system in recirculation mode.
- vac pre tol 27"
- inlet VCV 1 20
- outlet " " 15
- inlet " 2 10
- outlet " 2 5
- Flow set @ 650 LFM.

During operation in recirculation mode I discovered leaking water through penetration (west side) in valve vault. It was agreed that leaking was caused through wet well penetration (leaking stopped after wet well was drained). URS proposes to see possibilities for link seal, other wise to grout penetration.

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Inspector

DAILY CONSTRUCTION REPORT

DATE July 16 2003

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)
 NYSDEC SITE NO. 1-30-050
 NYSDEC CONTRACT NO. D004264
 CONTRACTOR URS
 PROJECT MANAGER Frank DeVita

WEATHER
 TEMP.
 WIND
 HUMIDITY

Brie Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 Laborers T.J. Kilcullen 1 machine operator	Construction Force. S.K. Electric. AGE	

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D.B.	Construction Inspection
7:00	K. Sullivan	URS	Project Manager
7:00	R. Baranowski	URS	Site Super
7:00	S. Monahan	URS	Field Technician
7:00	G. Gangemi	URS	Site Safety
9:00	D. Polovitz	Cuckonair	Stand-up

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 17

CONSTRUCTION ACTIVITIES:

- * 3K Electric on site to continue with installation of emergency and Exit Lighting.
Jim Kilcullen Sr. on site to assist with start up of system.
- * URS subcontractor Chevalley and Wallace on site to connect both influent lines outside well vaults and pressure test both lines @ 10 psi for 2 hours. Both lines passed pressure test. Installation of thrust blocks.
- * Carbonaries representative on site to provide training to URS DOB about start up operation/shut down of treatment.
- * URS continued with final field testing in recirculation mode.
 - submersible control panel OK → floats
 - → pressure switch, 10 psi
 - pressure blower → adjust vacuum switch 40"
 - → pressure switch 30"
- System operated ca 2 hours in recirculation mode
- * URS installed linkseal in west penetration of wet well → valve rebuilt. Problem with leaking wasn't resolved after installation of link seal. URS' proposal is to grout penetration.

	Time in	Pr in	Time out	Pr out
EW-1	10 ¹⁵	10	12 ²⁰	10
EW-2	2 ³⁰	10	4 ⁴⁵	10

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BY R Hel-j. TITLE Inspector.

DATE _____

DAY

July 17

S	M	T	W	TH	F	S
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PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR_URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still	Moders	High	Report No.	
Dry	Moders	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 laborers	Construction Force	
2 plum laborers	Chervey & Wallace	
J. T. Kilcullen	G. K. Electric.	

VISITORS

Time	Name	Representing	Remarks
7 ³⁰	P Heling	D+B	
7 ⁰⁰	K Sullivan	URS,	
7 ⁰⁰	R Baranowski		
7 ⁰⁰	S Monales	{	
7 ⁰⁰	G Gangemi	}	
7 ⁰⁰	D Polovitz	Carbonaire	

EQUIPMENT AT THE SITE:

[illegible]

MATERIALS:

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BY

R. Healy

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 18

CONSTRUCTION ACTIVITIES:

Pressure test results.

	Time in	Pr in	Time out	Pr out	
Carbon vessel N	2 ³⁰	56"	4 ⁴⁵	50"	F
5	2 ¹⁰	53"	4 ⁴⁵	53"	P
duct / flowmeter.	9 ³⁰	10 psi	11 ⁴⁵	10	P

Note: ⊕ Welds tested with soap; no leaks; just small leak on gasket.

nyb | The New York Blower
Company®

PHIL RITOLA

ACFM DYNAMICS
P.O. BOX 386 - MARION, CONNECTICUT 06444-0386
Phone: [203] 395-3227 • Fax: [203] 271-0141
E-MAIL: jpritola@cox.net

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BY

R. Hel...

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 18 2003

CONSTRUCTION ACTIVITIES:

- * Welder on site to weld manhole of vapor carbon vessels. After welding both vapor carbon vessels were pressure tested. Carbon vessel #2 (south) passed test. Vessel #1 (north) didn't pass pressure test due to a leak on the gasket of top flange. Both gaskets will be replaced on July 22/23 2003.
- * URS continued with installation of:
 - well level sensors in groundwater extraction well #1 + #2. See extraction well installation detail.
 - inlet sample taps influent lines.
 - pressure switch groundwater extraction well #2.
 - access hatch drains for EW 1 and 2
- * NYB representative on site to inspect blower set up. Phil Ritata will send test results + pressures to factory and provide review report incl recommendations
- * Carbonair's representative finished training and left site @ 9:00 am.
- * During inspection inside wet well I discovered that link seal west penetration wasn't tightened. I was in understanding that Ray had tightened the link seal for testing on Thursday which wasn't the case.
@ 3:40 Ray started to re-install the link seal to test water tightness with link seal. After installation of link seal penetration was still leaking water. URS notified me that penetration will be grouted temporarily in order to perform system test. After system test and prior to final start up URS will remove grout and replace for final/permanent solution.
- * During final field test I found out a problem with wiring of pressure switch cables to extraction well pumps. Tommy K. Sullivan notified and BK Electric will be on site to inspect/correct.
- * BK Electric on site to install finish emergency lighting inside and outdoor lighting incl. receptacle east wall treatment system Building.

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BY R. Helwig TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE

July 18 2003

DAY

S	M	T	W	TH	F	S
					X	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid X		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
2 Laborers 5 T. K. Leubben. 5 Titone.	Construction Force 3K Electric. Welding Co	

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D+B	
7:00	K. Sullivan	URS	
7:00	R. Baranowski	URS	
7:00	S. Morales	URS	
7:45	G. Gangami	URS	
8:30	P. Rikla	NY Blower	

EQUIPMENT AT THE SITE:

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BY

R. Heling

TITLE

Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 19.

CONSTRUCTION ACTIVITIES:

URS drained wet well, ~~was~~ removed tank seal, installed foam
and about 1-1½" grout flush with inside of wet well.

* Removed elbow @ slygt pump west side.

Left site @ 1.00 pm.

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DAILY CONSTRUCTION REPORT

DATE

DAY

July 19

S	M	T	W	TH	F	S
X						

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	DIB	
7:00	G. Gangemi	URS	
7:00	S. Morales	URS	

EQUIPMENT AT THE SITE:

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PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 21

CONSTRUCTION ACTIVITIES:

* Spot checks thickness top soil along discharge trench:

# 1	4 1/2 - 5
2	2 1/2 - 3
3	3
4	2-2 1/2 2 - 2 1/2
5	2 1/2
6	3

URS notified that thickness doesn't meet the minimum requirements of 4"

* URS continued with:

- check PS + low level FW 1+2
- installation of 6" gravel in EW - vault
- proofing water tightness wet well To 55" from top access hatch
15 55"
45 55"
- installation of pressure gauge.
- final field test. it wasn't possible to run extraction well pumps in auto mode. FW pumps tripped on Amp-overload. We tried with SK to solve problem. No wiring problem. Start of system test suspended till Tuesday July 23 2003.

* SK Electric finished activities except:

- Lightning protection
- Labeling
- door hook up door contacts

* No water was discharged.

* URS subcontractor AGE on site to restore fencing along discharge trench on Molloy College boundary. (access leaders top soil)

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DAILY CONSTRUCTION REPORT

DATE

DAY

July 21

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brie Sun	Clear	Overcast X	Rain	Snow
To 32	32-50	50-70	70-85 X	85+up
Still X	Moder.	High	Report No.	
Dry	Moder.	Humid X		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>3+5 Kilcullen</i> <i>1 laborer</i>	<i>3K Electric</i> <i>AGE</i>	

VISITORS

Time	Name	Representing	Remarks
<i>7:30</i>	<i>R. Heling</i>	<i>D+B</i>	
<i>7:00</i>	<i>K. Sullivan</i>	<i>URS</i>	
<i>7:00</i>	<i>R. Baranowski</i>	<i>URS</i>	
<i>7:00</i>	<i>S. Morales</i>	<i>URS</i>	

EQUIPMENT AT THE SITE:

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BY

R. Heling

TITLE

Inspector

FRANKLIN CLEANERS
SYSTEM DATA SHEET

DATE: _____

TIME	1144	1257	1410	1445	1630
Valve Vault					
Pump 1 (psi)	—	—	—	—	—
Pump 2 (psi)	7.5	4.5	—	8.5	—
Meter Vault					
Pressure					
Flow (gpm/total)	2900	6032	1084	14680	17053
Jet Pump					
Pressure	—	—	—	—	—
Tank Pressure	—	—	—	—	—
Storage tank Level	—	—	—	—	—
Containment Island					
Status	STANDBY	SD	SD	SD	SD

Comments:

STOP/MAIN @ wet well pumps @ 1610 to TEST SYSTEM SHUTDOWN.
SHUTDOWN @ 1625

Pump wet well down
pumps off @

1215 EW-2 WATER LEVEL 58.69 TOC → H₂O
1230 EW-1 " 20.65 " "

c:\System Data Sheet.xls

Discharged during F Field Test 6032
Syst Test day I, 11021.

FRANKLIN CLEANERS
SYSTEM DATA SHEET

DATE: 22 JUL 03
Tuesday

start
↑

TIME	1144	1254	1305	1345	1621	TOTALS
Extraction Wells						
EW1-1	ON	ON	ON	ON		
level						
psi		10				
flow	369	35.5	36	37.5	34.7	1148.2
EW-2	ON	ON	ON	ON		
level						
psi		6				
flow	5.4	6.44	5.4	5.6	6.0	179.6
AirStripper						
Sump level	6 3/4'	17	6 3/4	6 3/4	7	
fresh air in H ₂ O	1	1	1	1	1	
blower suction ("H ₂ O)	24.5	25	25	25	25	
blower discharge (psi)	24	25	—	—	—	
Temperature	—	—	—	—	—	
Vapor Phase Carbon						
Lead/Lag unit	2/1	2/1	2/1	2/1	2/1	
lead psi IN/OUT	24/21	25/21	25/21	25/21	25/21	
lag psi IN/OUT	10/4	11/4	11/4	11/4	11/4	
Exhaust SCFM	690	690	690	690	690	
temperature	82°	83°	82	82	82	
Wet Well						
Pump 1 (on/off)	AUTO 30"	A/46"	A/46"	A/46"	LAG	
Pump 2 (on/off)	AUTO lead	A/46"	A/46"	A/46"	LAG	
Level	21"	—	—	23"	21"	

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 22

CONSTRUCTION ACTIVITIES:

WKS continued with final field test. After adjusting flow rates from ground water extraction well pumps and influent flow system, ~~the~~ System Test (day 1) was started at 1:00 pm.

Total extracted and discharged water during Final field Test:

EW-1	3945	gallons.
EW-2	694	gallons.
Discharged	6032	gallons.

Totals extracted and discharged water during System Test Day 1:

EW-1	7537	gallons	→ 35.8 gpm
2	1146	gallons	→ 5.5 gpm
Discharged	11021	gallons.	→ 52.5 gpm.

Samples collected between 3:30 and 4:15 pm. Shutdown @ 4:45 pm.

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BY R.Hel-g.

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE July 22

DAY

S	M	T _x	W	TH	F	S
---	---	----------------	---	----	---	---

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain <input checked="" type="checkbox"/>	Snow
TEMP.	To 32	32-50	50-70	70-85 <input checked="" type="checkbox"/>	85+up
WIND	Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid <input checked="" type="checkbox"/>		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	DIB	
7:00	K. Sullivan	URS	
7:00	R. Baranowski	URS	
7:00	S. Morales	URS	
7:00	G. Gangemi	URS	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

FRANKLIN CLEANERS
SYSTEM DATA SHEET

DATE: Wed 23 Jun 03

TIME	0715	0830	0900	0930	1002	1040
Valve Vault						
Pump 1 (psi)	—	ON 8.5	OFF	OFF	ON 8.5	OFF
Pump 2 (psi)	—	—	OFF	ON 8.5	OFF 8.5	ON 8.5
Meter Vault						
Pressure	—	—	—			
Flow (gpm/total)	17053		18420	20000	22103	23760
Jet Pump						
Pressure	—		—	—	—	—
Tank Pressure	—		—	—	—	—
Storage tank Level	—		—	—	—	—
Containment Island						
Status	—		—	SB	SB	SB

24267
17053
17214

Comments:

0821	START PLANT	EW-2	14 ± gpm
0830	EW-1 Flow oscillating	32.8 - 39.8	HACOP 10820
	EW-2	6.1 - 7.0	1090
0832	PLANT SHUTDOWN	HIGH BLANK	Pressure
0836	Restart PLANT		
1045	STOP PLANT FLOW --	closed. Blank system of valves	

c:/System Data Sheet.xls

average FW1 36.65 gpm.
FW2. 6.56 gpm.
Effluent 53.43 gpm.

FRANKLIN CLEANERS
SYSTEM DATA SHEET

DATE: Wed 23 July 43

10.45

16431.
11482

4949

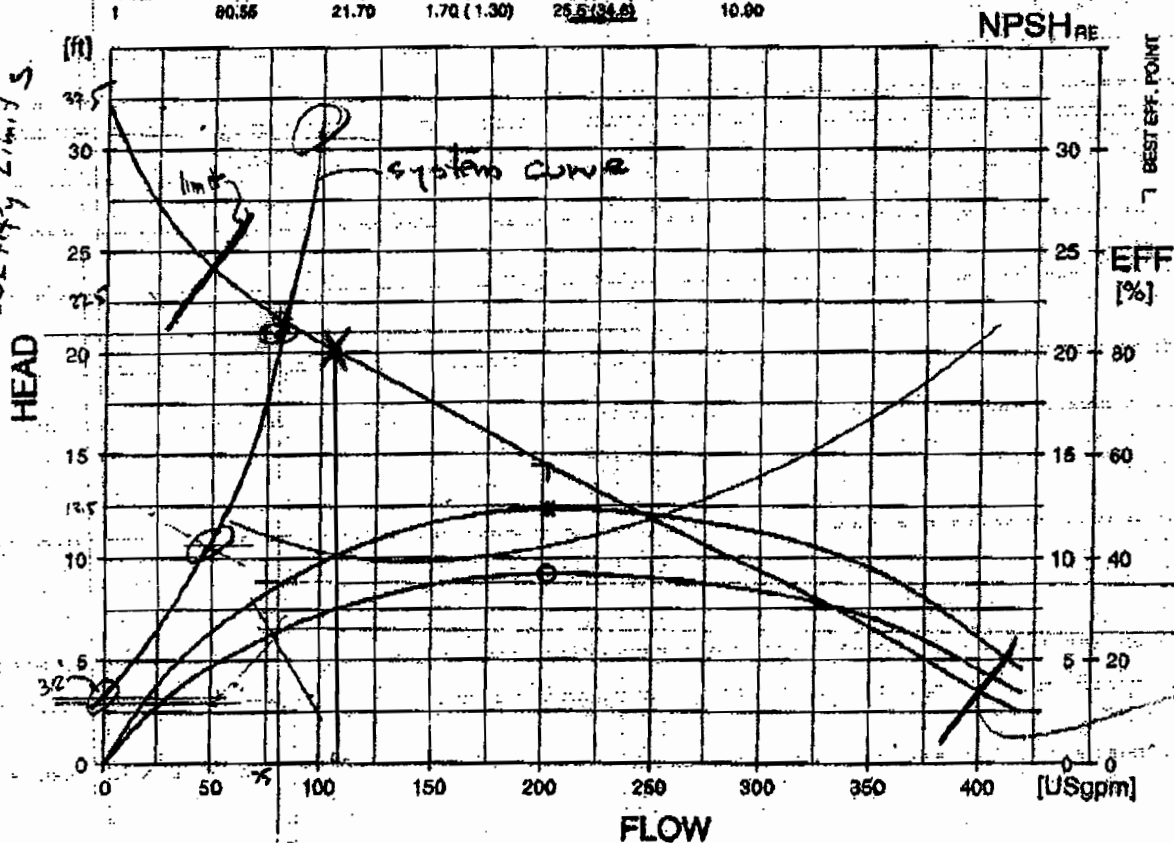
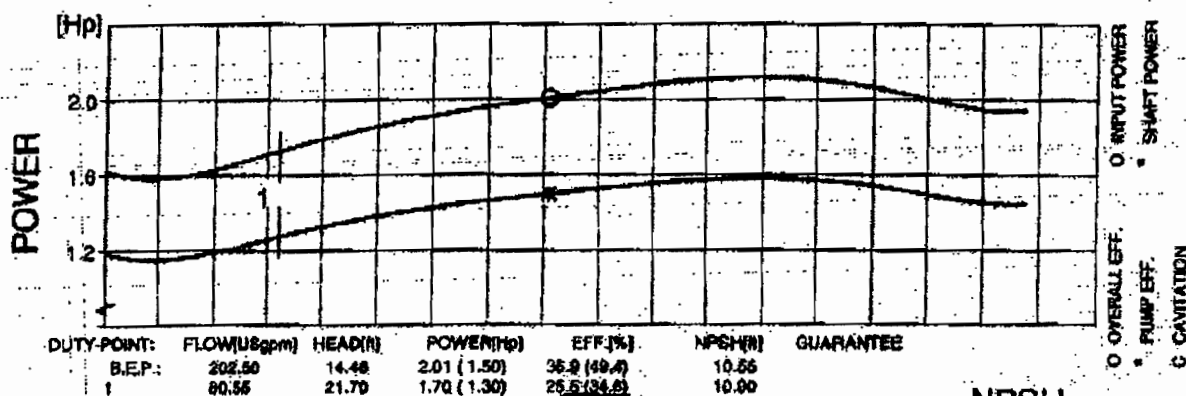
2682
1796

886

TIME	715	830	8700	0930	1002	1035	1040
Extraction Wells							
EW1-1							
level	10.97					20.65	
psi						10	
flow							
EW-2							
level	11.32					60.2	
psi						10.5	
flow							
AirStripper							
Sump level		7	7	7	7		7
fresh air psi							
blower suction ("H2O)		25	24	24	24		24.5
blower discharge (psi)				23	24		24
Temperature of							
Vapor Phase Carbon							
Lead/Lag unit		2/1	2/1	2/1	2/1		2/1
lead psi IN/OUT		25/21	24/20	23/20	24/20		24/20
lag psi IN/OUT		11/5	11/4	10/4	10/5		10/5
Exhaust SCFM		690	685	685	670		690
temperature °F			81°	81°	81		
Wet Well							
Pump 1 (on/off)		ON	OFF/AUTO	AUTO	AUTO		AUTO
Pump 2 (on/off)			OFF/AUTO	AUTO	AUTO		AUTO
Level							

From: Chris L

PERFORMANCE CURVE				PRODUCT	TYPE
DATE: 2002-10-08				CP3085.182	MT
PROJECT: <unnamed>				CURVE NO: 63-438-00-3830	ISSUE: 1
1/1-LOAD	3/4-LOAD	1/2-LOAD	RATED POWER	IMPELLER DIAMETER	
0.85	0.79	0.69	2.2 Hp	148 mm	
EFFICIENCY	72.5 %	74.5 %	STARTING CURRENT ... A	MOTOR#	STATOR
MOTOR DATA	---	---	RATED CURRENT ... A	15-07-4AL	12YSER
COMMENTS	INLET/OUTLET		RATED SPEED	FREQ.	PHASES
	- / 80 mm		1670 rpm	60 Hz	3
	IMP. THROUGHLET		TOT. MOM. OF INERTIA ...	VOLTAGE	POLES
	64 mm		0.021 kgm2	GEARTYPE	RATIO
			NO. OF BLADES		
			1		



FLYPS20(1118)

PERFORMANCE CURVE

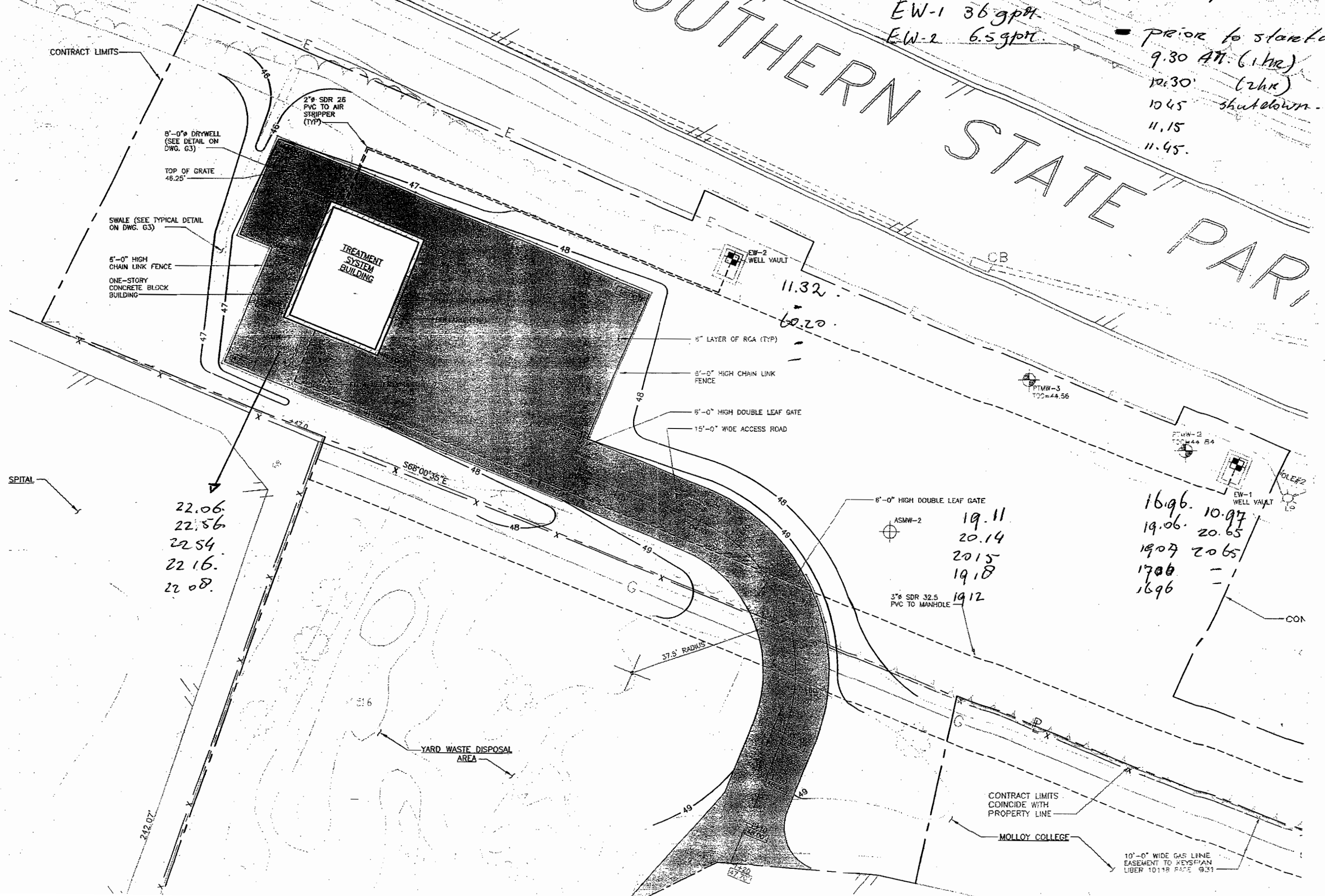
1 pump cycle effl flowmeter 3638 → 4352 gallons in 6min 50 sec @ g.p.s.
 ⇒ 104.6 gallons @ g.p.s. = 20.25 ft
 min.

SOUTHERN STATE PARK

July 23 System Test Day

EW-1 36 gpm.
EW-2 6.5 gpm.

— prior to startup (8:30 AM) (1 hr)
10:30 (2 hr)
10:45 shutdown
11:15
11:45



DT1

⊕

17

18

182

173

17.3

AS

⊕

19.43

19.73

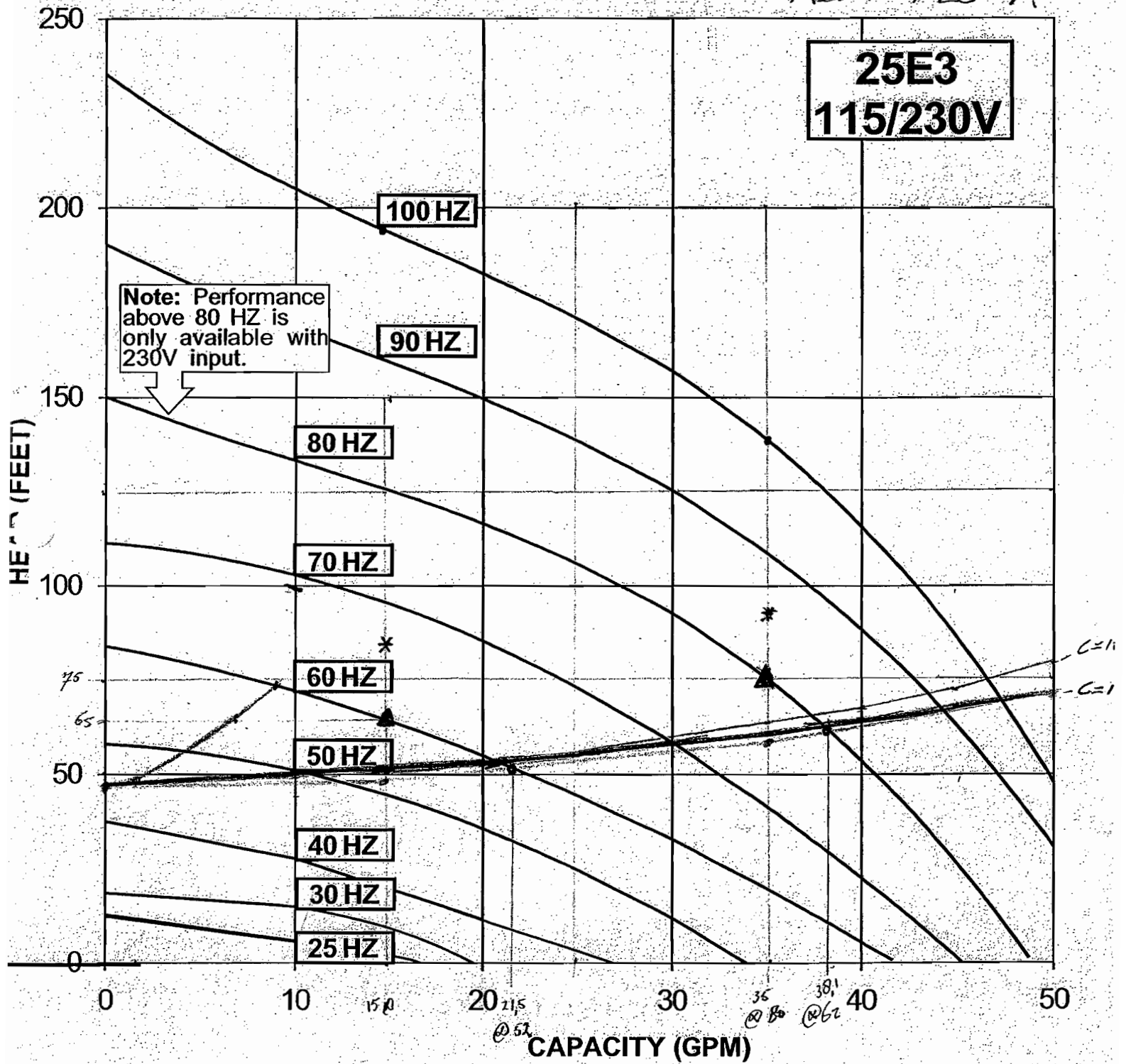
19.73

19.45

19.45

EW-2.

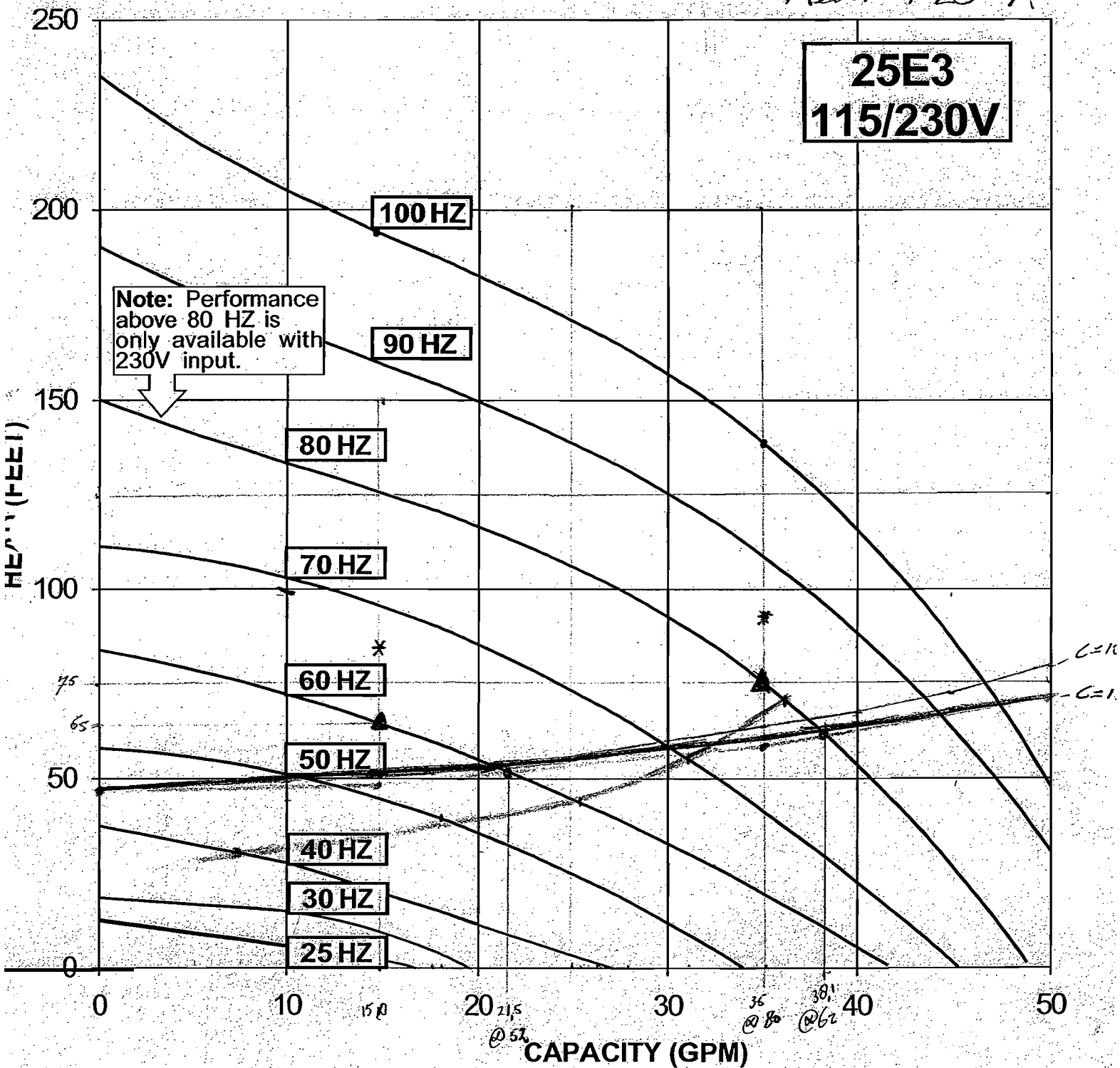
Grundfos
Redi-Flo 4.



	Spec	Curve	URS
● C=100	60 HZ 15 gpm @ 70	15 gpm @ 65	15 gpm @ 85
● C=120	80 HZ 35 gpm @ 80	35 gpm @ 75	35 gpm @ 93
* URS points			

EW-1

Grundfos
Redi-Flow 4



● C=100
 ● C=120
 * URS points

Spec
 60 HZ 15 gpm @ 70
 80 HZ 35 gpm @ 80

Curve
 60 HZ 15 gpm @ 65
 80 HZ 35 gpm @ 75

URS
 60 HZ 15 gpm @ 85
 80 HZ 35 gpm @ 93



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

Sheet No. _____ of _____
By _____ Date July 22
Chkd. by _____ Date _____

Project: _____ Job No. _____

Subject: _____

Extraction well 1

Extraction well 2

<i>Freq (Hz)</i>	<i>Flow (gpm)</i>	<i>I (amp)</i>
<i>40</i>	<i>7.5</i>	<i>8.1</i>
<i>50</i>	<i>18</i>	<i>8.0</i>
<i>60</i>	<i>25.5</i>	<i>7.9</i>
<i>70</i>	<i>31</i>	<i>5.6</i>
<i>80</i>	<i>36</i>	<i>5.8/5.9</i>

<i>Freq</i>	<i>Flow</i>
<i>46</i>	<i>1.6</i>
<i>55</i>	<i>7</i>
<i>61</i>	<i>9</i>

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 23

CONSTRUCTION ACTIVITIES:

Day 2 of System Test.

8.30 startup Treatment System.

EW-1 pump @ 80 HZ

EW-2 pump @ 62 HZ.

10.30 start collecting samples.

10.45 shutdown Treatment System.

Totals of extracted and discharged water during System Test Day II

EW-1 4949 gallons → 36.6 gpm @ 80 HZ

EW-2 886 gallons → 6.5 gpm @ 62 HZ.

Effluent 7214 gallons → 53.4 gpm (Register inside)

Water level measurements during and after System Test.

Well #	Time	8.30	9.30	10.30	11.15	11.45
ASTW-1		22.06	22.56	22.54	22.16	22.08
ASTW-2		19.11	20.14	20.15	19.18	19.12
ASTW-3		19.43	19.73	19.73	19.45	19.45
PTMW-1		17.31	18.27	18.29	17.34	17.31
PTMW-2		16.96	19.06	19.07	17.00	16.96
EW-1		10.97	-	20.65	-	-
EW-2		11.32	-	60.20	-	-

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BY

R. Heling.

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE

DAY

July 23

S	M	T	W	TH	F	S
			y			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear	Overcast <input checked="" type="checkbox"/>	Rain <input checked="" type="checkbox"/>	Snow
To 32	32-50	50-70	70-85 <input checked="" type="checkbox"/>	85+up
Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
Dry	Moder.	Humid <input checked="" type="checkbox"/>		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D+B	
7:00	R. Baranowski	URS	
7:00	S. Monates	URS	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY

R. Heling

TITLE

Inspector

FRANKLIN CLEANERS
SYSTEM DATA SHEET
DAY 3 START-UP TEST

DATE: THURSDAY, 24 JULY 03

TIME	0745	0810	0830	0900	1000	1010
Valve Vault						
Pump 1 (psi)	—	ON	ON / 9	OFF	ON / 8	OFF
Pump 2 (psi)	—	OFF	OFF	ON / 8	OFF	ON / 8
Meter Vault						
Pressure-						
Flow (gpm/total)	—	25029	26390	28700	30560	31420
Jet Pump						
Pressure-						
Tank Pressure	—	—	—			
Storage tank Level	—	—	—			
Containment Island						
Status	—	SB	SB	SB	SB	OFF

Comments:

SYSTEMS ENERGIZED @ 0755
PLANT START-UP @ 0840

PLANT SHUTDOWN @ 1010

PLANT PUMPS OFF @ 1015

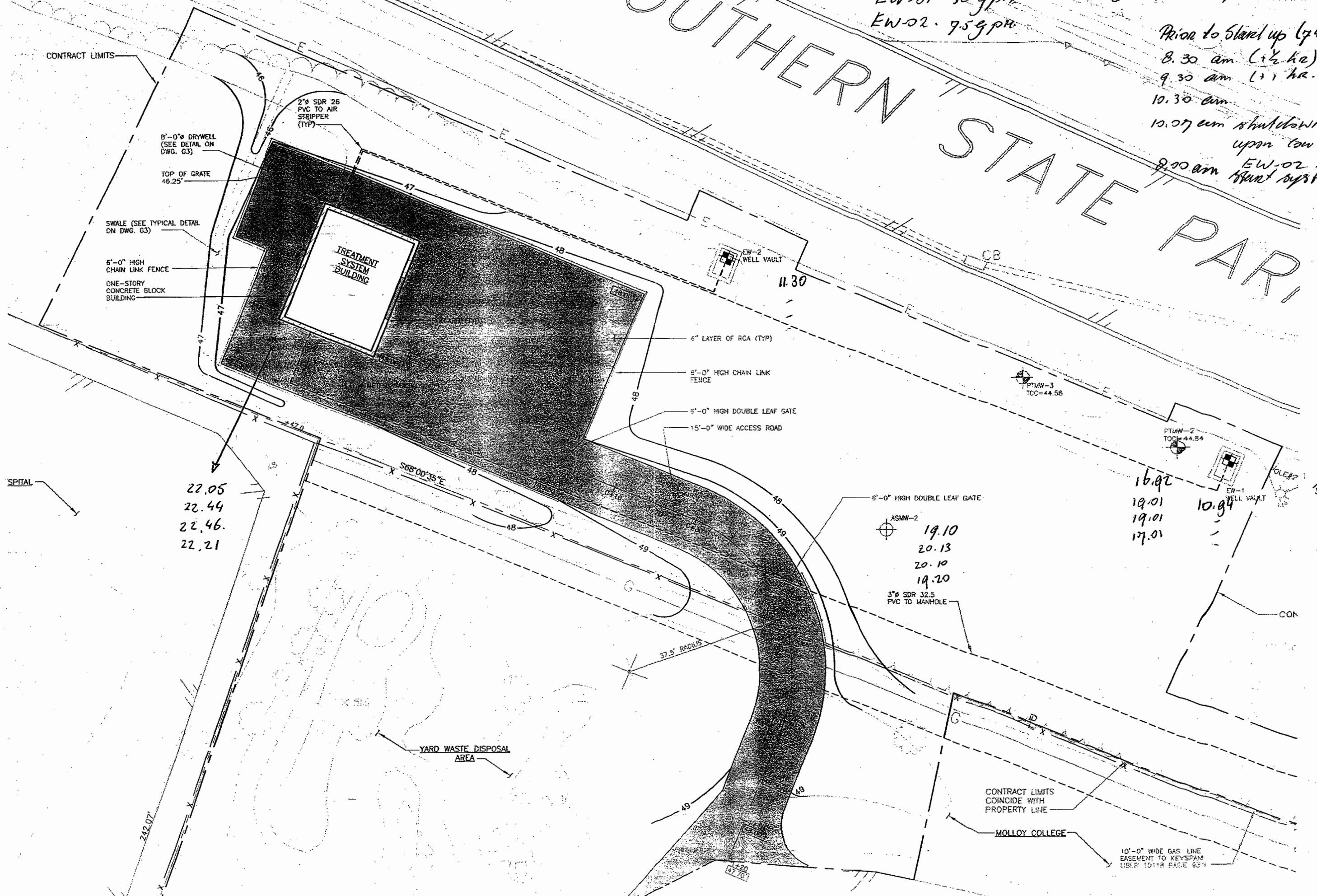
1014 GAUGE READING 99970400

SOUTHERN STATE PARK

EW-01 38 gpm
EW-02 7.5 gpm

July 28 System Test Day

Prior to Start up (745)
8.30 am (1 1/2 hr)
9.30 am (1 hr)
10.30 am
10.07 am shutdown system
upon low level
8.00 am EW-02
start system.



FRANKLIN CLEANERS
SYSTEM DATA SHEET
DAY 3 START-UP TEST

DATE: THURSDAY, 24 JULY 03

TIME	0745	0810	0830	0900	1000	1009
Extraction Wells						
EW1-1						
level	10.94					
psi	-					
flow	-	32-38 (17023)	36.3 (17969)	34.9 (19409)	36.6 (20900)	0 (21257)
EW-2						
level	11.30					
psi	-					
flow	-	7.2-8.4 (2458)	7.7 (3050)	6.1 (3346)	5.6 (3594)	0 (3646)
AirStripper						
Sump level	-	7"	7"	7	7	
fresh air psi	-	1	1	1	1	
blower suction ("H2O)	-	24.5	24.5	24.5	24.5	
blower discharge (psi)	-	25	25	25	25	
Temperature	-					
Vapor Phase Carbon						
Lead/Lag unit	-	2/1	2/1	2/1	2/1	
lead psi IN/OUT	-	25/20	25/20	25/20	25/20	
lag psi IN/OUT	-	10/4	10/4	10/4	10/5	
Exhaust SCFM	-	685	680	680	680	
temperature	-	79°	80°	81	82	
Wet Well						
Pump 1 (on/off)	-	auto off	auto/on	auto/off	auto/on	auto/on
Pump 2 (on/off)	-	auto off	auto/off	auto/on	auto/off	auto/off
Level	-	21"	19"			

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 24

CONSTRUCTION ACTIVITIES:

Day 3 of System Test:

8.00 start up Treatment System:

EW-1 @ 80 Hz.

EW-2 @ 63 Hz.

10.00 am samples collected.

10.07 am shutdown Treatment System upon low level alarm.
ground water extraction well EW-02.

Totals of extracted and discharged water during System Test Day III

EW-01 4826 gallons → 38 gallons/min @ 80 Hz

EW-02 964 - → 7.6 gpm. @ 63 Hz

Effluent register 7151 gallons → 56.3 gpm.
meter 7155 - → 56.3 gpm.

URS subcontractor AGE on site to start filling holes around Extraction wells #1 and #2.

Section 15500 (1.3)(B) max pressure drop @ 600 cfm → 2.5 in. H₂O.

Carbon vessel I (North) 19 → 16 "H₂O" → 3" > 2.5"

8 → 5 "H₂O" → 5" > 2.5"

Ground water levels measurement during and after System Test.

Well #	Time	7:30	8:30	9:00	10:30	11:00
ASTW-1	22.05	22.44	22.46	22.21	22.10	
ASTW-2	19.10	20.13	20.10	19.20	19.16	
ASTW-3	19.41	19.68	19.68	19.48	19.46	
PTMW-1	17.27	18.22	18.24	17.35	17.31	
PTMW-2	16.92	19.01	19.01	17.01	16.98	
EW-1	10.94	-	-	-	-	
EW-2	11.30	-	-	-	-	

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PAGE 2 OF 2. PAGES

BY

R. Heling

TITLE

Inspector.



DATE July 24

DAY

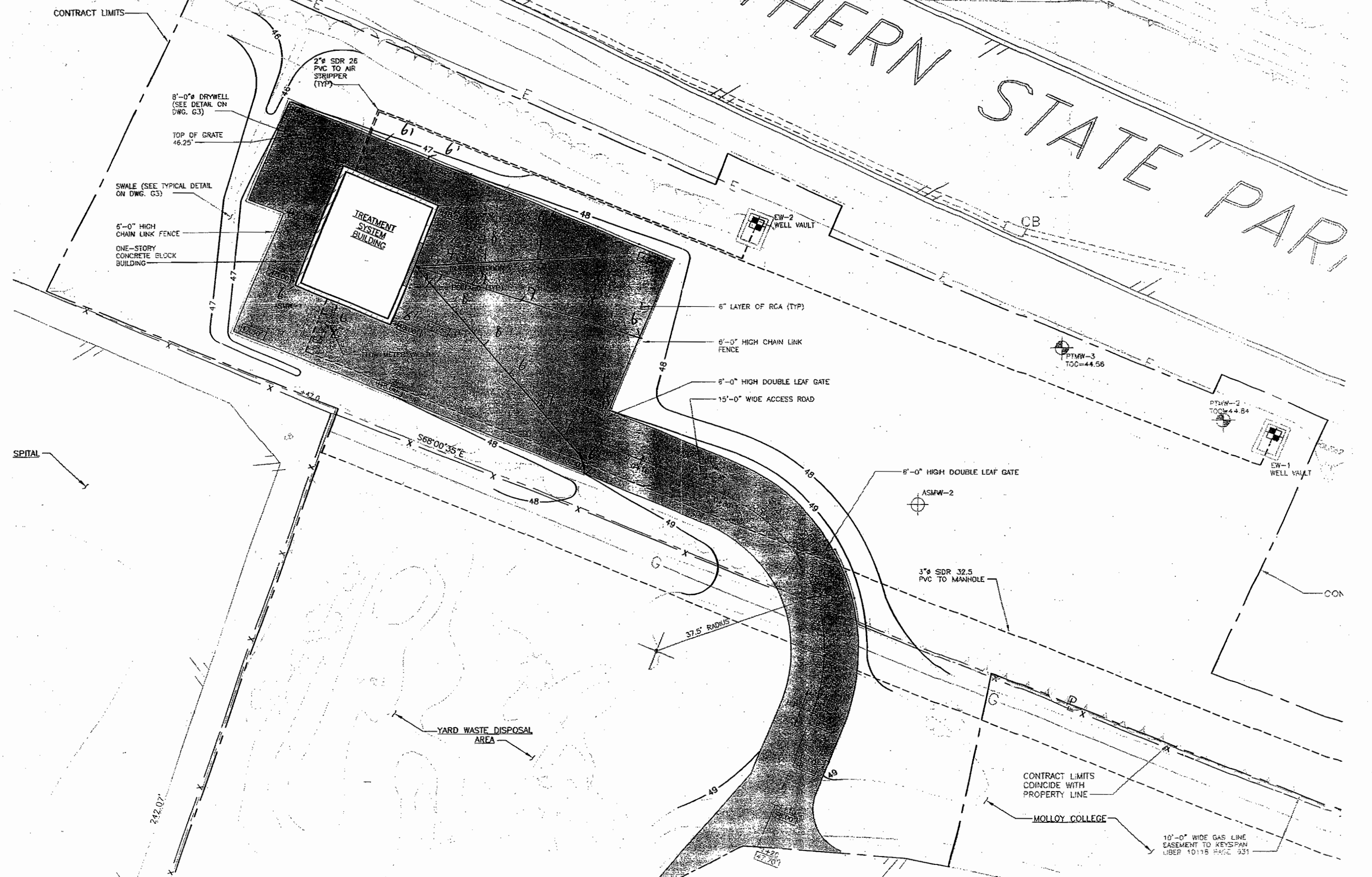
S	M	T	W	TH	F	S
				X		

WEATHER	Brite Sun	Clear	Overcast X	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 X	85+up
WIND	Still X	Mod. X	High	Report No.	
HUMIDITY	Dry	Mod. X	Humid X		

EQUIPMENT AT THE SITE:
Bobcat
MATERIALS:

BY R. Heling TITLE Inspector

SOUTHERN STATE PARK



CONTRACT LIMITS

8'-0" Ø DRYWELL
(SEE DETAIL ON
DWG. G3)

TOP OF GRATE
46.25'

SWALE (SEE TYPICAL DETAIL
ON DWG. G3)

6'-0" HIGH
CHAIN LINK FENCE
ONE-STORY
CONCRETE BLOCK
BUILDING

2" SDR 26
PVC TO AIR
STRIPPER
(TYP)

TREATMENT
SYSTEM
BUILDING

EW-2
WELL VAULT

6" LAYER OF RCA (TYP)

6'-0" HIGH CHAIN LINK
FENCE

6'-0" HIGH DOUBLE LEAF GATE

15'-0" WIDE ACCESS ROAD

PTMW-3
TOC=44.56

PTMW-2
TOC=44.84

EW-1
WELL VAULT

6'-0" HIGH DOUBLE LEAF GATE

ASFW-2

3" SDR 32.5
PVC TO MANHOLE

37.5' RADIUS

YARD WASTE DISPOSAL
AREA

CONTRACT LIMITS
COINCIDE WITH
PROPERTY LINE

MOLLOY COLLEGE

10'-0" WIDE GAS LINE
EASEMENT TO KEYSAN
LIBER 10115 PAGE 931

SPITAL

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 29.

CONSTRUCTION ACTIVITIES:

URS' subcontractor installed geotextile and RCA around Treatment Building system and compacted areas with plate compactor. See attached drawing for spot checks subbase!

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BY R. Hebing TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE July 28
DAY

S	M	T	W	TH	F	S
	<input checked="" type="checkbox"/>					

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 <input checked="" type="checkbox"/>	85+up
Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
Dry	Moder.	Humid <input checked="" type="checkbox"/>		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
E Olsen. 2 laborers 1 laborer	AGE AGE. Construction Force.	

VISITORS

Time	Name	Representing	Remarks
7 ⁰⁰	R. Helwig	10+13	Construction Inspection
7 ⁰⁰	R. Bardenowski	URS	Site Super.
7 ⁰⁰	S. Morales	URS	Field Technician
7 ⁰⁰	K. Sullivan	URS	Project Manager

EQUIPMENT AT THE SITE:

Bobcat
Backhoe.
plate compactor Wacker DPU 6065 (10 kW)

MATERIALS:

delivery of 2 loads of RCA

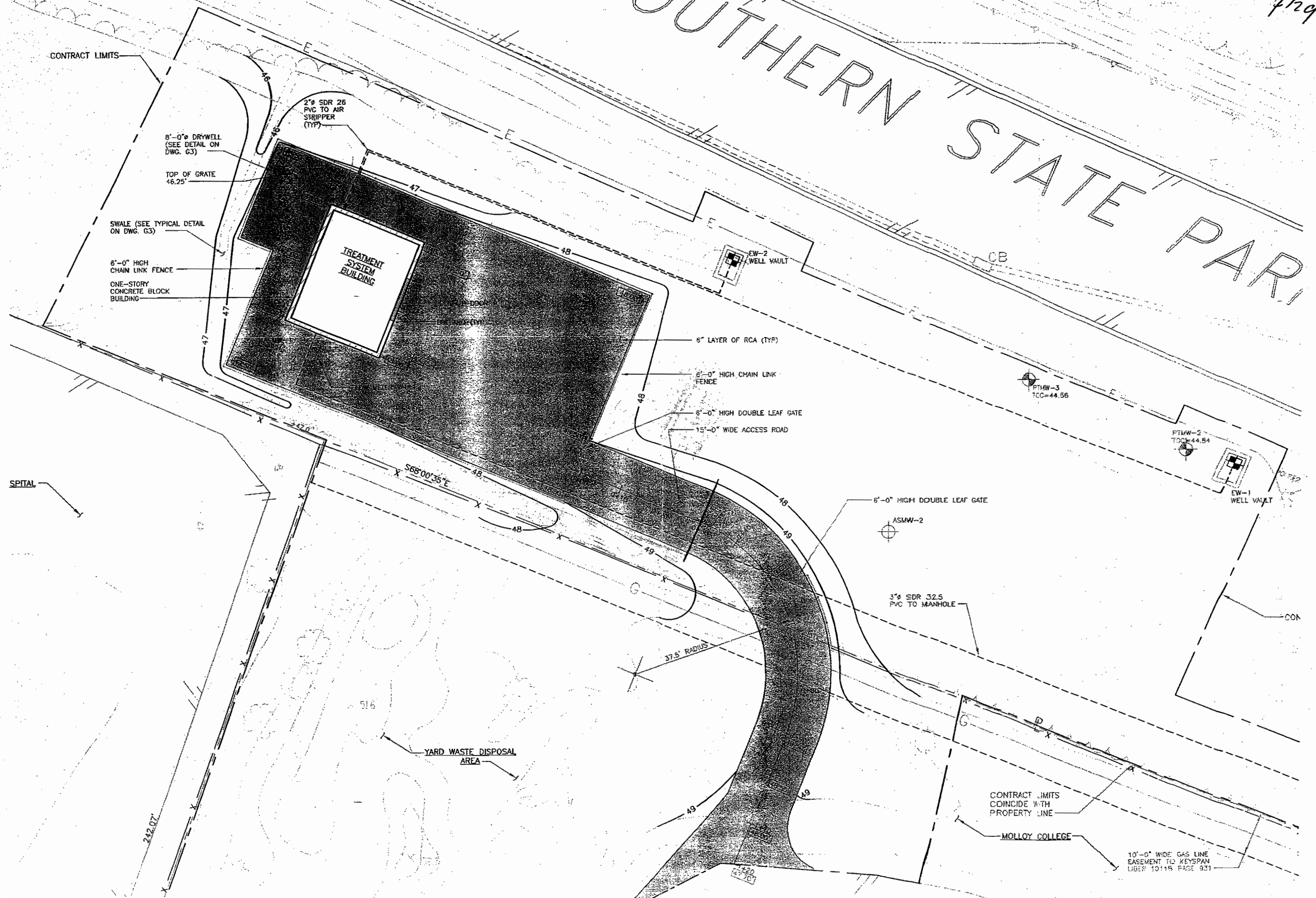
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BY R. Helwig TITLE Inspector

7/29/97

SOUTHERN STATE PARK



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 29

CONSTRUCTION ACTIVITIES:

URS' subcontractor AGE started with installation of RCA Road.
AGE installed about 30 feet due to a lack of ~~RCA~~ geotextile material.
URS has ordered new geotextile to be delivered next week.

URS installed pressure washer and field tested containment island.

AGE laid RCA and performed extra RCA in low spots and compacted.

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BY

R. Hehrig

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE July 29
DAY

S	M	T	W	TH	F	S
		<input checked="" type="checkbox"/>				

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
1 laborer E Olsen 3 laborers	Construction Force AGE AGE		

VISITORS			
Time	Name	Representing	Remarks
1430	R. Heling	DIB	Construction Inspection
1700	R. Baranowski	URS	Site Super.
1700	S. Moralis	URS	Field Technician

EQUIPMENT AT THE SITE:	
Bobcat	
Backhoe	
Plate compactor	

MATERIALS:	
1 load of topsoil	
1 load of RLA	

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BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE July 30

CONSTRUCTION ACTIVITIES:

URS Subcontractor A6E continued with grading and areas along
Southern State Parkway and filling areas outside RCA Road

UES installed valve vault steps in valve vault

DISTRIBUTION

- 1 Proj. Mgr.
- 2 Field Office
- 3 File

PAGE 2 OF 2 PAGES

BY

R. Healy

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE July 30
DAY

S	M	T	W <input checked="" type="checkbox"/>	TH	F	S
---	---	---	---------------------------------------	----	---	---

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER
TEMP.

Brite Sun To 32	Clear 32-50	Overcast <input checked="" type="checkbox"/> 50-70	Rain 70-85 <input checked="" type="checkbox"/>	Snow 85+up
-----------------	-------------	--	--	------------

WIND

Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
---	--------	------	------------	--

HUMIDITY

Dry	Moder. <input checked="" type="checkbox"/>	Humid		
-----	--	-------	--	--

AVERAGE FIELD FORCE			
Name of Contractor		Function	Remarks
3 Laborers 1 Laborer		AGE Construction Force.	

VISITORS			
Time	Name	Representing	Remarks
7:30	R. Helwig	D.B.	Construction Inspection.
7:30	R. Baranowski	URS	Site Super.
7:30	S. Morales	URS	Field Technician.

EQUIPMENT AT THE SITE:	
<u>Bobcat</u>	

MATERIALS:	

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

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BY R. Helwig TITLE Inspector



SEVILLE CENTRAL MIX, CORP.

MAILING ADDRESS
157 ALBANY AVENUE
FREEPORT, N.Y. 11520
(516) 293-6190

OLD BETHPAGE
293-6190

HOLTSVILLE
289-3508

CEDAR HURST
239-8333

AUTHORIZATION TO ADD WATER

BY

GAL WATER
ADDED

The seller will not assume any responsibility for strength of concrete if water is added to the concrete on the job by the purchaser.

DATE	QUANTITY	TRUCK MIX	PICK UP	DELIVERY	SLUMP	TRUCK WHEEL NO.	ORDER#	501
8/21/03	4.00				4-0	35434		
DRIVER	TRUCK NO.	JOB NO.	ACCOUNT NO.					
John Klein			00128					

CONCRETE ENTERPRISES	SHIPPED TO
1000 100TH AVE	METRIC ONLY
ROSELAND, NY 11423	HOLLODY COLLEGE/RVC

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
CONCRETE ENTERPRISES	yd3	3.00		
PART LOAD CHARGE-METRIC	yd3	1.00		
CONTROLLED CONCRETE				
WEIGHTS PERIOD				
AD MIXTURE				
TOTAL ORDERED	YARDS TO DAY			
3.00	3.00			
RECD BY	ALLOWABLE TIME			
CAUTION: FRESHLY MIXED CEMENT, MORTAR, GROUT OR CONCRETE MAY CAUSE A SEVERE SKIN IRRITATION AND BURNING ON INDIVIDUALS WITH SENSITIVE SKIN. AVOID DIRECT CONTACT WITH SKIN IF EXPOSED AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER. IF ANY OF THESE MATERIALS GET INTO THE EYES, WASH IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL ATTENTION. KEEP CEMENT AND FRESHLY MIXED CEMENT PRODUCTS OUT OF THE REACH OF CHILDREN.				
NOT RESPONSIBLE FOR VARIANCE IN COLOR SUBJECT TO CONDITIONS ON REVERSE SIDE				
SLIP NO.				
C05755				

Batch Record:
Ticket #

11:50AM
21Aug03

Volume: 4.00 yd3 Mix ID: nc a Mix Desc: NASSAU COUNTY A
Batch: 1 of 1 Batch #: 476
Truck #: 56 Driver: JOHN 6 COUNTY A
Batch Time 0:02:07

Aggregate	Target	Actual	Status	Moist	Admix	Target	Actual	Status
	Tare	Zero				Tare	Zero	
SAND	4926 Lb	4950	In Tol	5.0%	AIR	20 oz	20	In Tol
3/4	12114 Lb	12100	In Tol	0.0%				
				%				
				%				
				%				
	Tare	Zero				Tare	Zero	
Aggregate	Target	Actual	Status		Water	Target	Actual	Status
	Tare	Zero				Tare		
TYPE 2	2364 Lb	2350	In Tol		WATER #1	102 Gal	103	In Tol
SLAG	2784 Lb	2770	In Tol					
	Tare	Zero				Tare		

Quality Results

AGWAY Pulverized Limestone is a fast-acting, flowers and vegetables grow vigorously. you'll have a strong, healthy lawn and garden.

Calcium limestone that neutralizes acidic soils and improves soil structure. It helps new and established lawns, flowers and vegetables grow vigorously. applied before fertilization, your lawn, flowers and vegetables will absorb nutrients more effectively.

Application

How to Apply

Using a spreader, apply AGWAY Pulverized Limestone over your lawn uniformly. The best way to determine the amount of AGWAY Pulverized Limestone you should use in your soil is to test the pH balance of your soil. Bring a sample to your local AGWAY store, where one of our professionals can analyze it.

If you cannot have your soil tested, use the following table for the rate of application:

	Lbs. per 1,000 sq. ft.
Established Lawns	20-30
New Lawns	40-50
Flowers	30-40
Vegetables	30-40

Limestone

Chemical Analysis	Minimum %
Calcium	22.0%
Magnesium	1.2%
Calcium Oxide	31.0%
Magnesium Oxide	2.0%
Total Oxides	85.0%
Calcium Carbonate	85.0%
Magnesium Carbonate	4.0%
Calcium Carbonate Equivalence from Magnesium	4.0%
Total Calcium Carbonate Equivalence	89.0%
Effective Neutralizing Power (ENP)	(ENP) 73.0%
Effective Neutralizing Value (ENV)	(ENV) 60.0%
Moisture (maximum)	1.0%

Physical Analysis

STANDARD U.S. SIEVE	MINIMUM PERCENT THROUGH
10	100
20	99
40	95
60	75
100	75

2000 Lbs. of this material equals one ton of standard agricultural material.

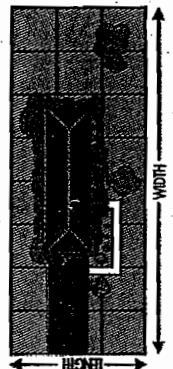
Finesness Classification (Fine Size)

PRODUCT SAFETY INFORMATION

This product contains small amounts of crystalline silica, CAS 14808-40-7, which varies naturally and may exceed 0.05%. Prolonged exposure to respirable crystalline silica may have possible carcinogenic effects. USE APPROVED RESPIRATOR IN DUSTY AREAS. AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION. FIRST AID: EYES: FLUSH WITH WATER. MOVE TO FRESH AIR. SEE MSDS FOR ADDITIONAL INFORMATION.

Determining Your Lawn's Square Footage

To determine how much Pulverized Limestone to apply, you must determine the square footage of your lawn. An easy way to do this is to walk the length of your lawn, figuring that one pace equals about 3 feet. Do the same with the width of the lawn. Then multiply the length by the width to arrive at the total square footage of your lawn.



If your lawn has an irregular shape, try dividing it up into a number of square areas. Calculate the square footage for each area, and then add the figures together to reach your total lawn size.

AGWAY Guarantees Satisfaction

If for any reason you are not fully satisfied with the performance of this product, we want to know. Just bring the item back to the store and we will exchange it or issue a refund.

Distributed by:
AGWAY, Inc., P.O. Box 4746, Syracuse, NY 13221-4746



Distributed by:
AGWAY, Inc., P.O. Box 4746, Syracuse, NY 13221-4746

MFD. BY
BLUE RIBBON PRODUCTS CO. INC.
EAST BERLIN, PA. 17316
PHONE: 717-259-9573

10 6 4

GUARANTEED ANALYSIS

TOTAL NITROGEN (N) 10%
2.35% AMMONIACAL NITROGEN
7.65% UREA NITROGEN

AVAILABLE PHOSPHATE (P2O5) 6%

SOLUBLE POTASH (K2O) 4%

PRIMARY NUTRIENTS DERIVED FROM:

AMMONIATED PHOSPHATE, UREA, MURIATE OF POTASH
METHYLENE UREA

* 5.00% SLOWLY AVAILABLE NITROGEN FROM METHYLENE UREA

NET WT. 40 LBS

50 POUNDS NET WEIGHT
AMS-398
A. G. E. EQUIP. & EXCAV.
MIX A

PURE SEED	DESCRIPTION	GERM.	GROWN IN
49.10%	KENTUCKY 31 TALL FESCUE	90%	KEN.
24.75	PLYMOUTH PERENNIAL RYEGRASS	95%	ORE.
24.50	SALEM CREEPING RED FESCUE	90%	ORE.
1.45	INERT MATTER		
.14	OTHER CROP SEED		
.06	WEED SEED		
100.00%			

TESTED
JULY 2003.
LOT # 46728C

50 POUNDS NET WEIGHT
AMS-398
A. G. E. EQUIP. & EXCAV.
MIX B

PURE SEED	DESCRIPTION	GERM.	GROWN IN
49.40%	JEFFERSON KENTUCKY BLUEGRASS	88%	WASH
29.60	SALEM CREEPING RED FESCUE	90%	ORE.
19.90	PLYMOUTH PERENNIAL RYEGRASS	95%	ORE
1.04	INERT MATTER		
.04	OTHER CROP SEED		
.02	WEED SEED		
100.00%			

TESTED
JULY 2003.
LOT # 46728D

DAILY CONSTRUCTION REPORT

DATE August 21, 2003

DAY	S	M	T	W	TH	F	S
					✓		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear ✓	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 ✓	85+up
Still	Moder. ✓	High	Report No.	
Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
G. Gangemi, URS Corp A.G.E. (2) F. DeVita, D+B	Site Super. Laborer	- -

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

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PAGE 1 OF 1 PAGES

BY F. DeVita

TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE _____

CONSTRUCTION ACTIVITIES:

URS' subcontractor AGE removed jersey barriers and road signs.

URS subcontractor Pentecoste did not show up, but will be there Wednesday / Thursday.

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DAILY CONSTRUCTION REPORT

DATE

August 26 2003

DAY

S	M	T	W	TH	F	S
		X				

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70	70-85 <input checked="" type="checkbox"/>	85+up
Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
Dry	Moder. <input checked="" type="checkbox"/>	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>E. Olsen</i> <i>2 laborers</i>	<i>AGE</i> <i>AGE</i>	

VISITORS

Time	Name	Representing	Remarks
<i>7:45</i>	<i>R. Helwig</i>	<i>D+B</i>	
<i>7:00</i>	<i>K. Sullivan</i>	<i>URS</i>	
<i>7:00</i>	<i>Mike</i>	<i>URS</i>	

EQUIPMENT AT THE SITE:

<i>Excavator 17315</i>

MATERIALS:

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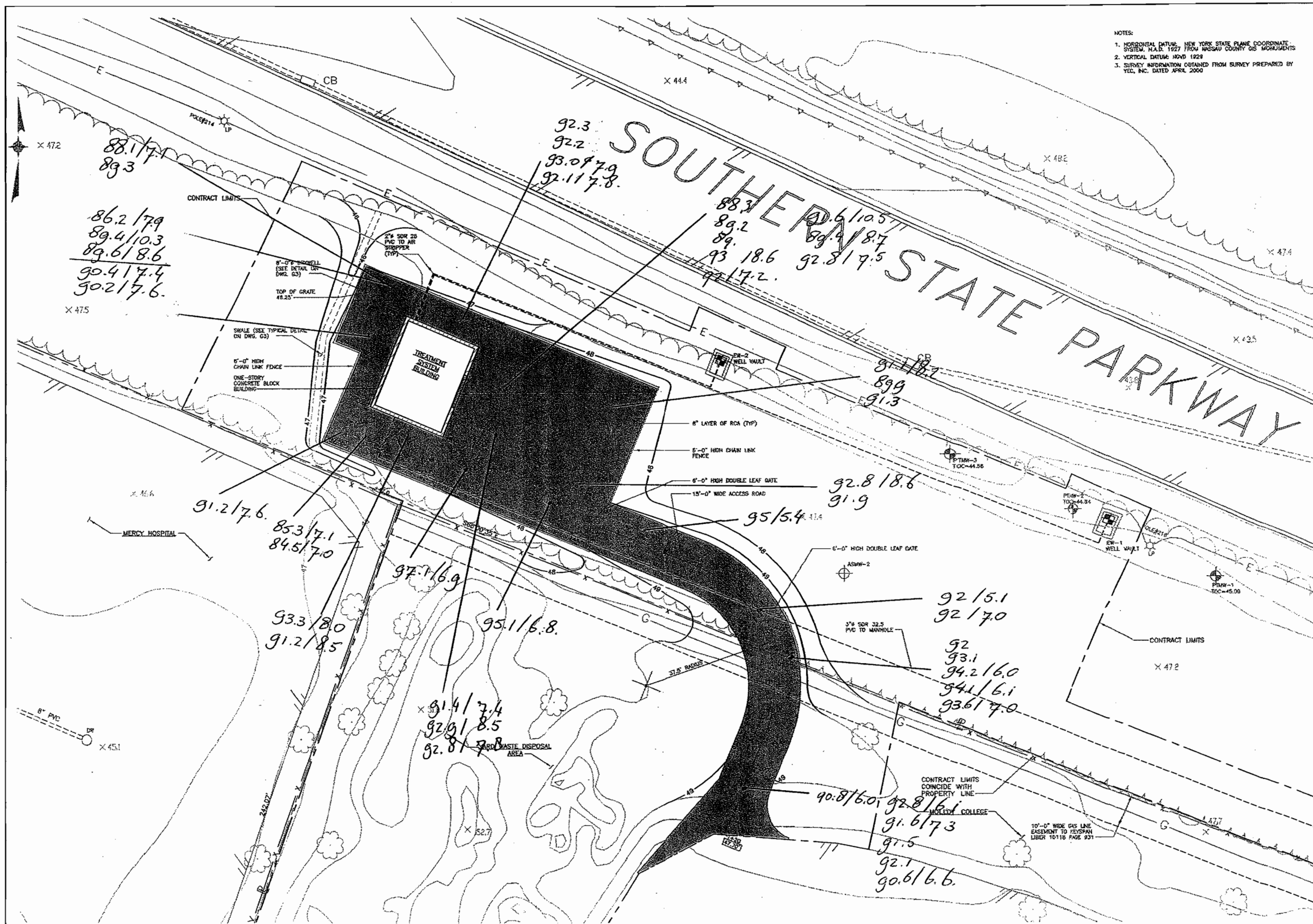
BY

R. Helwig

TITLE

Inspector

- NOTES:
1. HORIZONTAL DATUM: NEW YORK STATE PLANE COORDINATE SYSTEM, N.A.D. 1927 FROM NASSAU COUNTY DIS MONUMENTS
 2. VERTICAL DATUM: MVD 1929
 3. SURVEY INFORMATION OBTAINED FROM SURVEY PREPARED BY YEC, INC. DATED APRIL 2000



NO.	DATE	REVISION
1	10/1/00	ISSUED FOR PERMITTING
2	10/1/00	ISSUED FOR CONSTRUCTION
3	10/1/00	ISSUED FOR AS-BUILT

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 2209 OF THE NEW YORK STATE EDUCATION LAW.	
DESIGNED BY D.S.G.	DRAWN BY W.A.M.
CHECKED BY E.J.P.	IN CHARGE R.T.B.

db
DVRKA AND BARTILUCCI
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. DOUGLASS ASSOCIATES, P.C.

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
FRANKLIN CLEANERS SITE
GROUNDWATER EXTRACTION
AND TREATMENT SYSTEM
CONTRACT D004264

SITE PLAN

SCALE: AS SHOWN
DATE: FEBRUARY 2001
1"=10'

G2

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 8.27.03

CONSTRUCTION ACTIVITIES:

Tectonic on site to perform compaction testing RCA Road and RCA paved areas around Treatment Building. See attached drawing for detailed compaction results.

URS' subcontractor AGE on site to install erosion control fence along seeded areas shoulder Southern State Parkway.

Contractor notified to ^{water} seed mix here in accordance with Standard Specifications. Contractor watered area on Molloy College property along Hempstead Av.

URS continued with installation of manhole.

M. Neuburger + F. DeVita on site to inspect Electrical installation G.K. Electric and URS' control panels.

URS installed piping identification signs.

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BY

R. Helij

TITLE

*August 27
Inspector*

DAILY CONSTRUCTION REPORT

DATE August 27 2003

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear X	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder X	High	Report No.	
Dry	Moder X	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
3 laborers 1 laborer	Penderosa A6E	Fence Installation. Install erosion control fence.

VISITORS

Time	Name	Representing	Remarks
7:30	R. Heling	D+B	
8:00	F. DeVita	D+B	
8:00	M. Neubergor.	D+B	
8:00	V. Rodriguez.	Tectonic.	
	K. Sullivan.	URS.	
	S. Morates.	URS.	

EQUIPMENT AT THE SITE:

MATERIALS:

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PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector



PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 9/24/03

CONSTRUCTION ACTIVITIES:

* System shut down upon arrival due to high level alarm wet well.

* Massena engineering on site to survey as built site conditions

* URS continued working on punch list items:

- fixen grating completed.
- pipe ID completed.
- working on water proofing exhaust stack.
- Valve ID tags

URS performed ground water monitor sampling ASTM 1-5

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BY _____ TITLE _____

DAILY CONSTRUCTION REPORT

DATE Sept 24 2003

DAY

S	M	T	W	TH	F	S
			X			

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	<input checked="" type="checkbox"/>	Clear	Overcast	Rain	Snow
To 32		32-50	50-70	70-85	85+up
Still	<input checked="" type="checkbox"/>	Moder.	High	Report No.	
Dry		Moder.	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE			
Name of Contractor	Function	Remarks	
2 <u>survayors</u>	<u>Massand Eng.</u>		

VISITORS			
Time	Name	Representing	Remarks
9:00	<u>R. Heling</u>	<u>D+B</u>	
9:00	<u>K. Sullivan</u>	<u>URS</u>	
9:00	<u>R. Baranowski</u>	<u>"</u>	
7:00	<u>G. Ganger</u>	<u>"</u>	
7:00	<u>S. Morales</u>	<u>"</u>	

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION

1 Proj. Mgr.

2 Field Office

3 File

PAGE 1 OF 2 PAGES

BY R. Heling TITLE Inspector

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE Sep 29/03

CONSTRUCTION ACTIVITIES:

* URS' subcontractor Phoenix on site to install trees and shrubs in accordance with the approved Landscape Plan.
See labels below for details

✓ ~~20~~ TREES Cedar Eastern Red 4-5'
18 shrubs Viburnum Lentago 3 gal.
Fertilizer Mycor Green Saver.

* Ponderosa Fencing on site to complete fencing installation, privacy slats, and installation of 6" Ø bollards roll up door. Installation of first entrance gate.

* URS' subcontractor Dean Builders to install sill and tower. The sill provided didn't have a pitch and rain drip. URS acknowledged and cut water pitch on site -

* During inspection noticed that 101 piping and metal base of discharge pumps were not painted.

* According to Grey Gangeri the tower was painted with one layer of Carboquard D-3 SG (#3157). According to the approved submitted finish coat should be 2 coats (30-40 mils per coat).

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BY R. Helwig

TITLE Inspector

DAILY CONSTRUCTION REPORT

DATE Sept 29/2003

DAY

S	M	T	W	TH	F	S
	X					

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear	Overcast	Rain	Snow
To 32	32-50	50-70	70-85	85+up
Still	Moder.	High	Report No.	
Dry	Moder.	Humid		

TEMP. 50-70

WIND Still

HUMIDITY Moder.

AVERAGE FIELD FORCE		
Name of Contractor	Function	Remarks
4 laborers	Ponderosa Fencing	
4 " "	Velvet Landscaping	
1 " "	Phoenix	
1 " "	Dean Builders	

VISITORS			
Time	Name	Representing	Remarks
8:00	R. Heling	D+B	
8:00	S. Morales	URS	
8:00	G. Gangemi	URS	
8:00	K. Sullivan	URS	

EQUIPMENT AT THE SITE:	
Bobcat John Deere Model #270	
MATERIALS:	
86	

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**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 10/02/03

CONSTRUCTION ACTIVITIES:

- * Installation of fencing is completed. Contractor notified to remove piping from temporary fencing @ west side (Mercy Hospital)
- * Contractor painted 2 coatings of carboguard 893 56 on man door and roll up door.
- * Contractor painted bollards safety yellow.
- * Contractor installed / finished water proofing exhaust stack
- * YK Electric on site to remove security lighting poles.

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R. Healy

TITLE

Inspector



**Dvirka
and
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 10/02/03

DAY	S	M	T	W	TH	F	S
					<input checked="" type="checkbox"/>		

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

Brite Sun	Clear <input checked="" type="checkbox"/>	Overcast	Rain	Snow
To 32	32-50	50-70 <input checked="" type="checkbox"/>	70-85	85+up
Still <input checked="" type="checkbox"/>	Moder.	High	Report No.	
Dry	Moder. <input checked="" type="checkbox"/>	Humid		

TEMP.

WIND

HUMIDITY

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
<i>J+T Kilcullen G. Gangeri S. Morales</i>	<i>J K Electric URS</i>	

VISITORS

Name	Representing	Remarks
<i>R. Heling</i>	<i>D+B</i>	

EQUIPMENT AT THE SITE:

<i>Truck</i>

MATERIALS:

DISTRIBUTION

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BY

R. Heling

TITLE

Inspector

GROUNDWATER TREATMENT SYSTEM
INITIAL OPERATING PERIOD
PROGRESS MONITORING AND REPORTING

Date: 1/23/04

Time: 845

Operator: R. Helwig

Initial Operating Day No.: _____

Point	Pump Pressure (PSI)	Flow Rate (gpm)	Total Flow (Gallons)	Frequency VFD Drive (Hertz)	Cumulative Run-time (Hours)
-------	------------------------	--------------------	-------------------------	-----------------------------------	-----------------------------------

Groundwater Extraction Wells:

No. 1	-	353	5970816	80.0	2798.95
No. 2	-	3.5	669563	52.1	2801.01

	Inlet Air Stripper	Suction Blower	Flow Rate & Temperature		Sump Level	Blower Cumulative Run-Time
	(in. H ₂ O)	(in. H ₂ O)	(SCFM)	(°F)	(in. H ₂ O)	(Hours)
Air Stripper	2	27	650	84	8"	2831.60

Vapor Carbon Vessels

	Inlet Lead	Outlet Lead	Inlet Lag	Outlet Lag	Carbon Vessel lead / Lag	
Pressure (in. H ₂ O)	18	23	9	6	(NA)	
Total VOC Concentration PID (ppm at STP)	0	0	0	0	1 / 2	2 / 1

Discharge Pumps & Flow Meter

	Pump Pressure	Flow Rate	Total Flow		Cumulative Run-Time
	(PSI)	(gpm)	(Gallons)		(Hours)
Flygt No. 1	-	-	(NA)		845
Flygt No. 2	-	-	(NA)		1142
Flow Meter	(NA)	(NA)	7861927		(NA)

Groundwater Monitoring Wells:

	ASMW-1	ASMW-2	ASMW-3	ASMW-4	ASMW-5
Depth to Water Table (Feet below grade)	22.23	2138	2137	2030	21.16
Well sampled	Y / (N)	Y / (N)	Y / (N)	Y / N	Y / N

Notes:

- PVC screw connection flow switch broken. Notified G. Gangemi (UES) about this.
- System running.



**Dvirka
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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 1/23

CONSTRUCTION ACTIVITIES:

*Monthly progress monitoring inspection
See attachment for notes.*

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BY

R. Helij

TITLE

Inspector

DAILY CONSTRUCTION REPORT

DATE

1/23/04

DAY

S	M	T	W	TH	F	S
					✓	

PROJECT Franklin Cleaners Site (off-site)

NYSDEC SITE NO. 1-30-050

NYSDEC CONTRACT NO. D004264

CONTRACTOR URS

PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brite Sun	Clear ✓	Overcast	Rain	Snow
To 32 ✓	32-50	50-70	70-85	85+up
Still	Moder. ✓	High ✓	Report No.	
Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Name	Representing	Remarks
R. Helms	DIB	

EQUIPMENT AT THE SITE:

MATERIALS:

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PAGE 1 OF 3 PAGES

BY

R. Helms

TITLE

Inspector

GROUNDWATER TREATMENT SYSTEM
INITIAL OPERATING PERIOD
PROGRESS MONITORING AND REPORTING

Date: 2/14/04
Technician: R. Hehny

Time: 11:00

Initial Operating Day No.: _____

Point	Pump Pressure (PSI)	Flow Rate (gpm)	Total Flow (Gallons)	Frequency VFD Drive (Hertz)	Cumulative Run-time (Hours)
-------	------------------------	--------------------	-------------------------	-----------------------------------	-----------------------------------

Groundwater Extraction Wells:

No. 1	—	36.4	6703806	80.0	3142.87
No. 2	—	4.4	748723	54.1	3144.94

	Inlet Air Stripper	Suction Blower	Flow Rate & Temperature		Sump Level	Blower Cumulative Run-Time
	(in. H ₂ O)	(in. H ₂ O)	(SCFM)	(°F)	(in. H ₂ O)	(Hours)
Air Stripper	1	2.6	640	80	8	3176.08

Vapor Carbon Vessels

	Inlet Lead	Outlet Lead	Inlet Lag	Outlet Lag	Carbon Vessel lead / Lag
Pressure (in. H ₂ O)	23	18	12	6	(NA)
Total VOC Concentration PID (ppm at STP)	—	—	—	—	1 / 2 2 / 1

Discharge Pumps & Flow Meter

	Pump Pressure	Flow Rate	Total Flow		Cumulative Run-Time
	(PSI)	(gpm)	(Gallons)		(Hours)
Flygt No. 1	—	—	(NA)		969.1
Flygt No. 2	—	—	(NA)		1206.8
Flow Meter	(NA)	(NA)	8821453		(NA)

Groundwater Monitoring Wells:

	ASMW-1	ASMW-2	ASMW-3	ASMW-4	ASMW-5
Depth to Water Table (Feet below grade)	—	—	—	—	—
Well sampled	Y / N	Y / N	Y / N	Y / N	Y / N

Notes:

plant down upon arrival (10:50)
start up @ 11:55 am.



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Bartilucci**
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site)

REPORT NO. _____

NYSDEC # 1-30-050

DATE 2/16/04

CONSTRUCTION ACTIVITIES:

Site inspection for project closeout / final completion certificate

System was shut down upon arrival by WRS.

Startup system @ 11:55 am

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BY

Inspector

TITLE

R. Hely



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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 2/16/03

DAY	S	M	T	W	TH	F	S
				✓			

PROJECT Franklin Cleaners Site (off-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004264
CONTRACTOR URS
PROJECT MANAGER Frank DeVita

WEATHER

TEMP.

WIND

HUMIDITY

Brie Sun	Clear ✓	Overcast	Rain	Snow
To 32	32-50 ✓	50-70	70-85	85+up
Still ✓	Moder.	High	Report No.	
Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
K. Sullivan G. Gengemi F. DeVita R. Helig	URS URS DIB DIB	

VISITORS

Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

TRIBUTION

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- 2 Field Office
- 3 File

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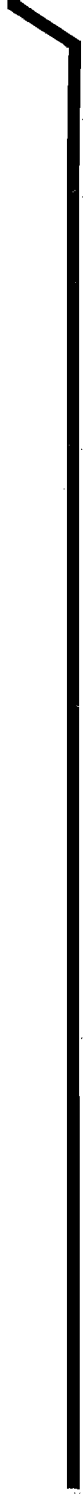
BY

R. Helig

TITLE

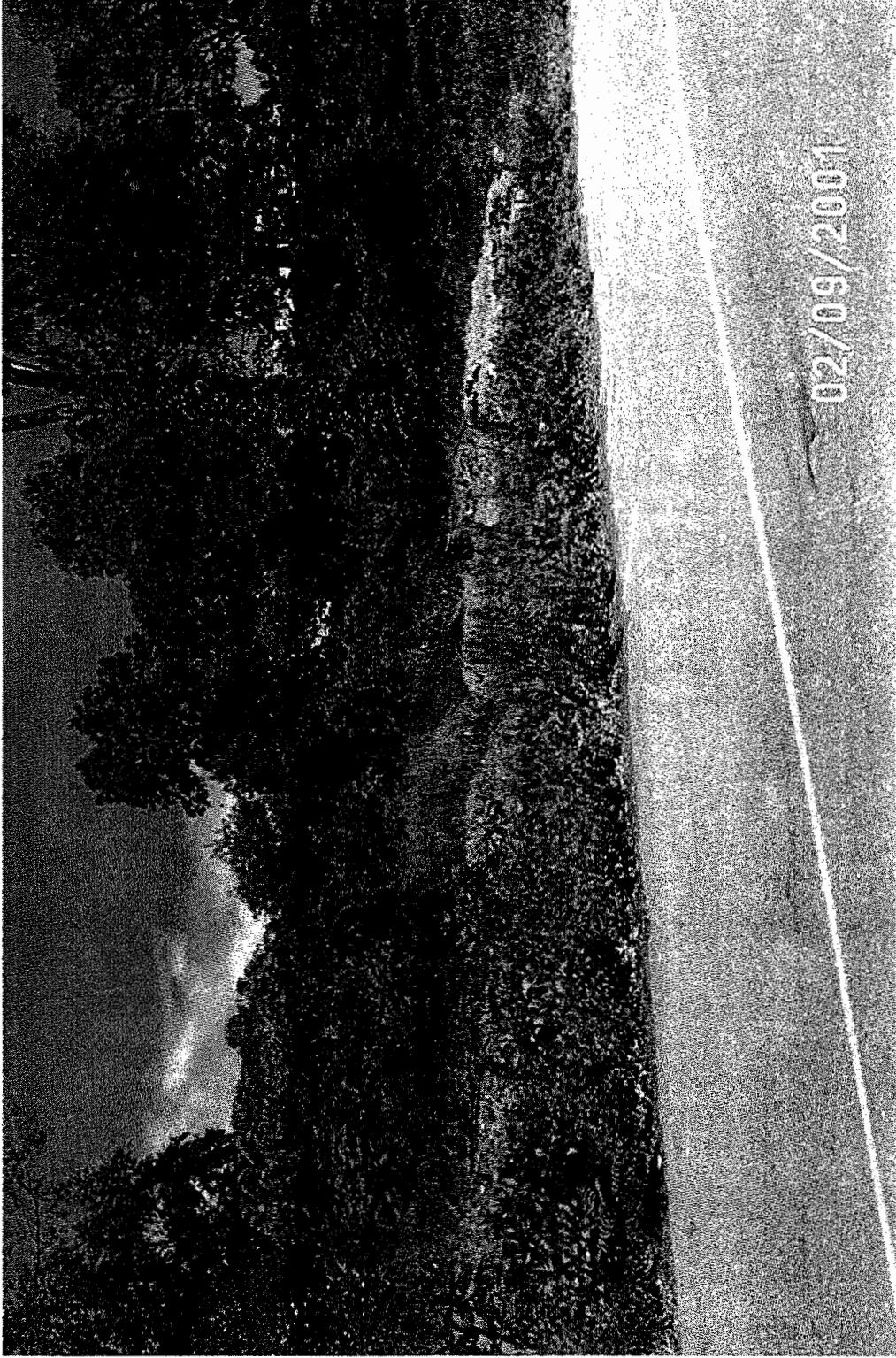
Inspection

Appendix I



APPENDIX I

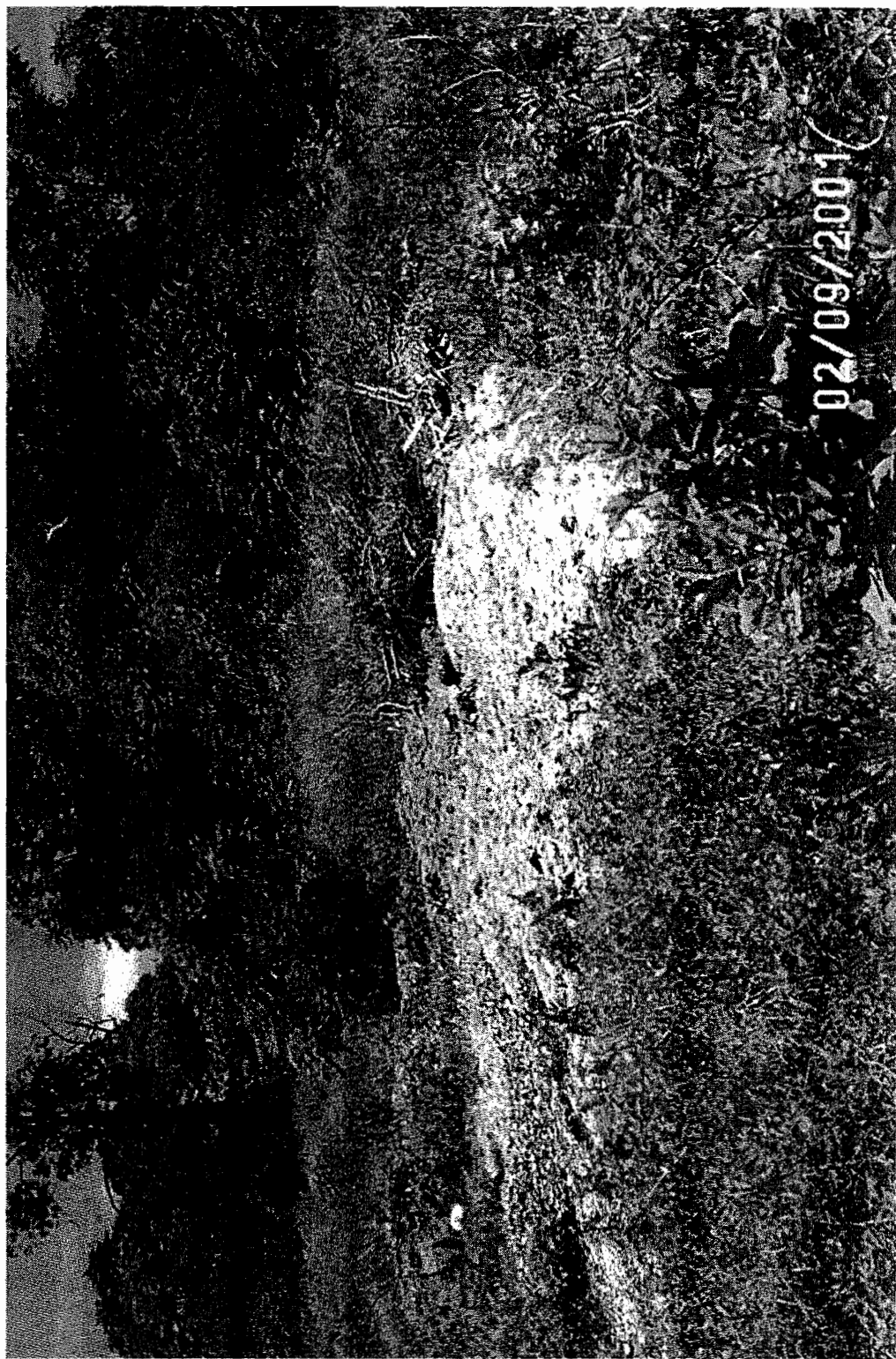
CONSTRUCTION PHOTOGRAPHS



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: see construction
situation north west view.
Photograph No.: 1 Date Taken: 6/6/02
Inspector: F. Delila



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: pre construction
situation - detail - yard waste.
Photograph No.: 2 Date Taken: 06/03/02
Inspector: F De Vito



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

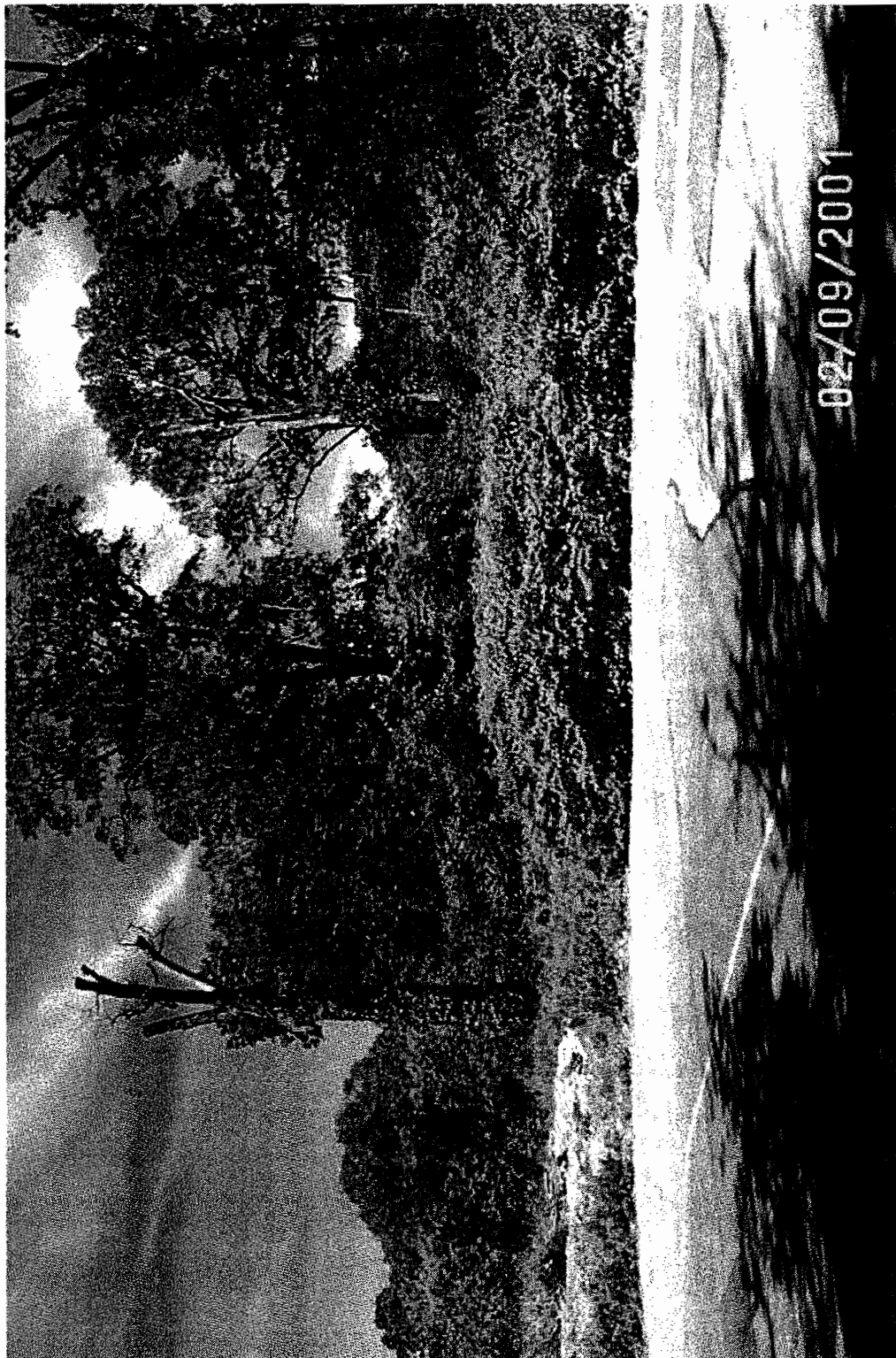
Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: see construction
detail yard waste.

Photograph No.: 3 Date Taken: 06/03/02

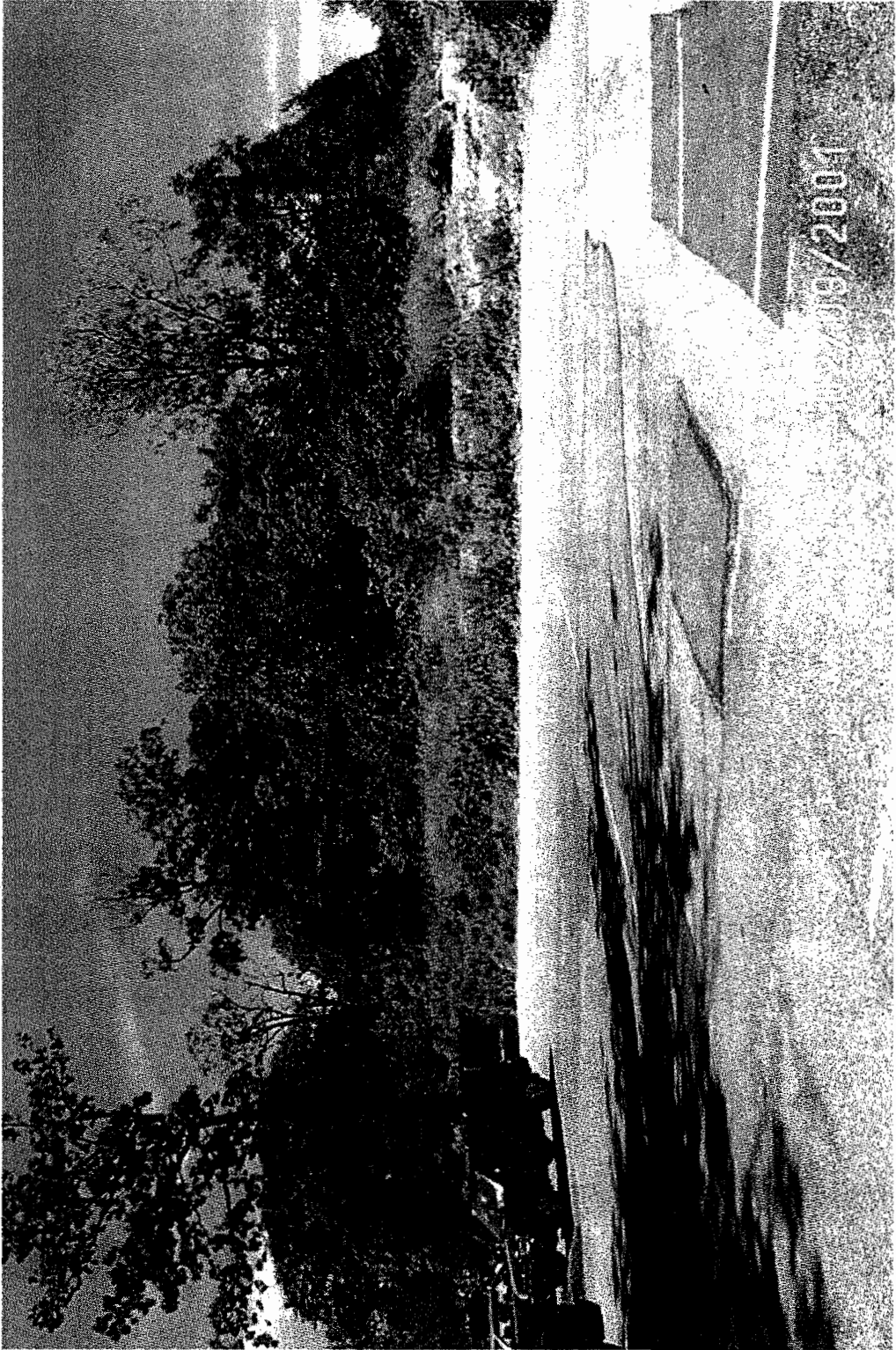
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Pre construction
North view
Photograph No.: 4 Date Taken: 06/03/02
Inspector: F De Vito



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Pre construction
overview - west side
Photograph No.: 5 Date Taken: 06/03/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Pae construction.
overview west side.
Photograph No.: 6 Date Taken: 06/23/02
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Free construction
detail yard waste.
Photograph No.: 7 Date Taken: 06/03/02
Inspector: F De Vita

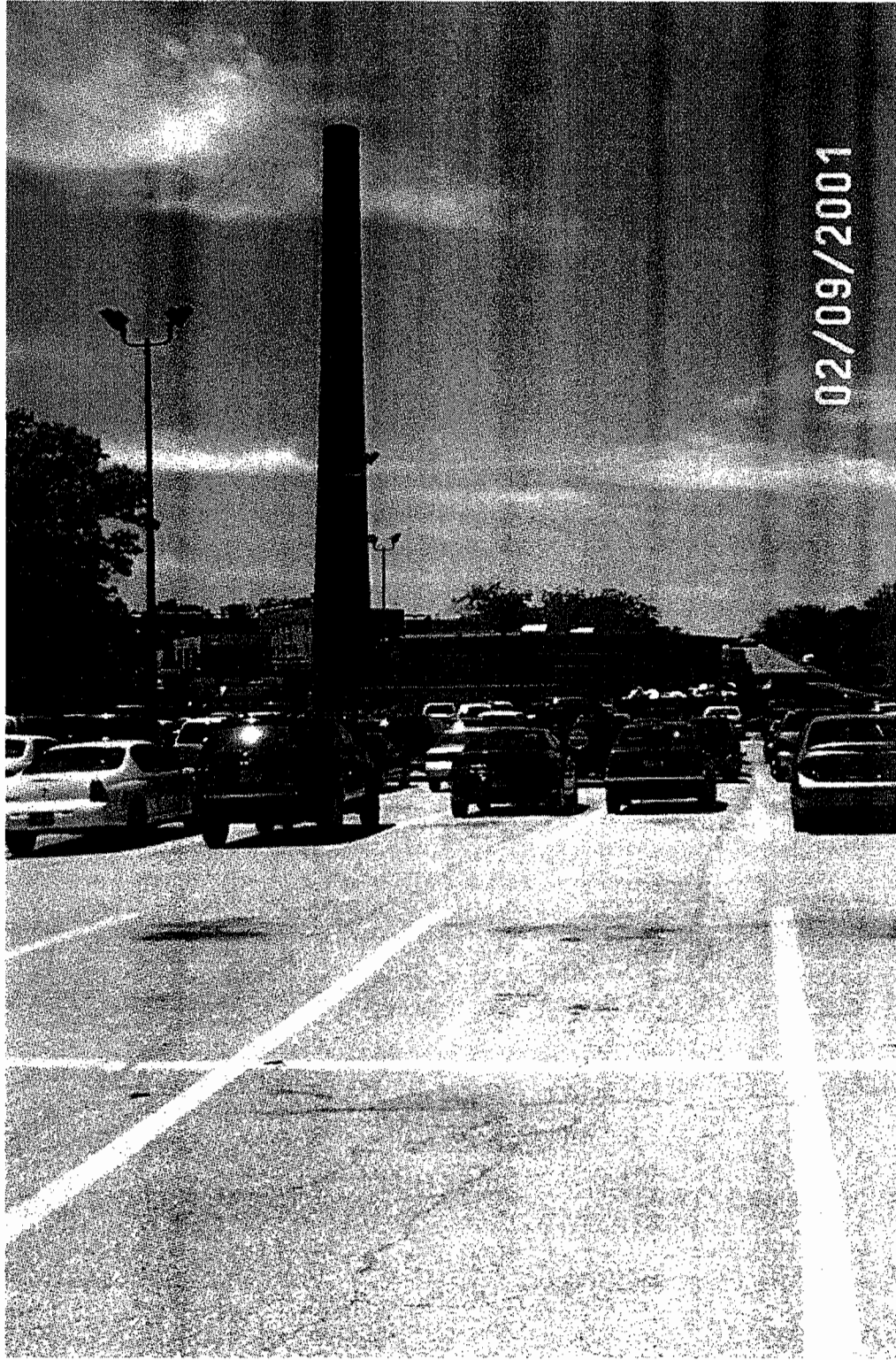


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: see construction
detail fencing
Photograph No.: 8 Date Taken: 26/03/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Pre construction

Photograph No.: 9 Date Taken: 06/03/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

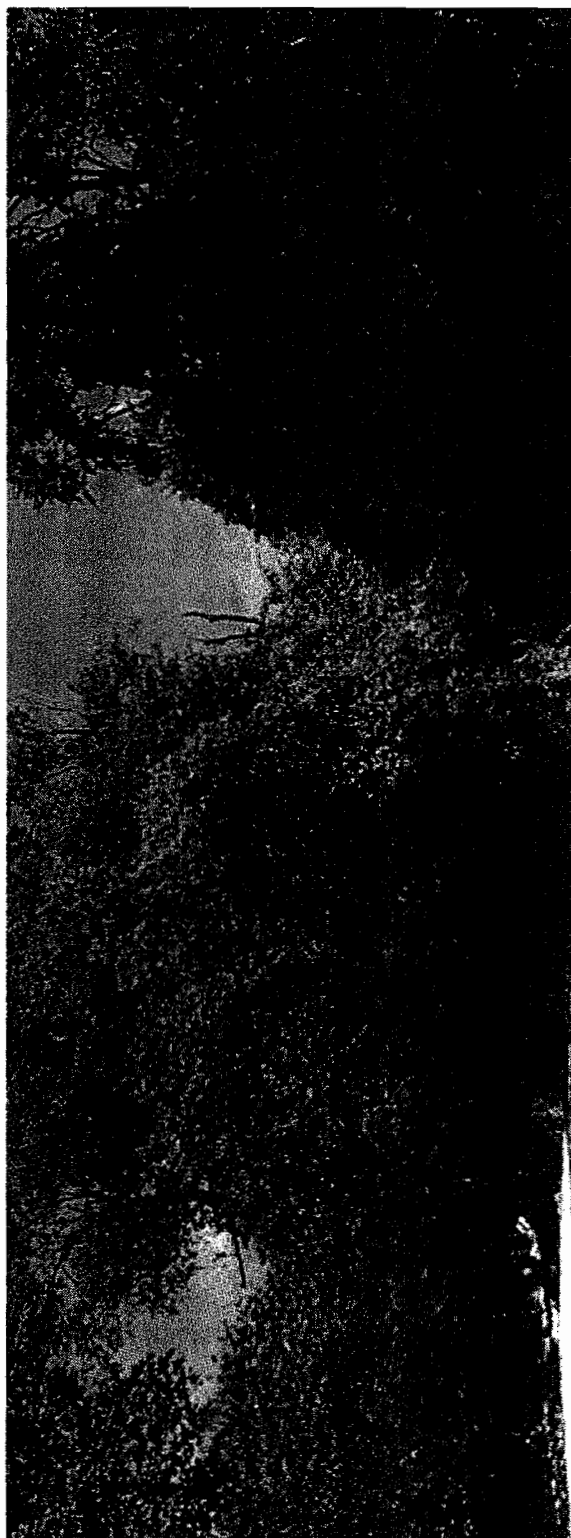
Site No.: 1-30-050 --- Contract No: D004264

Description of View: See construction -

surrounding area - Mercy Hospital

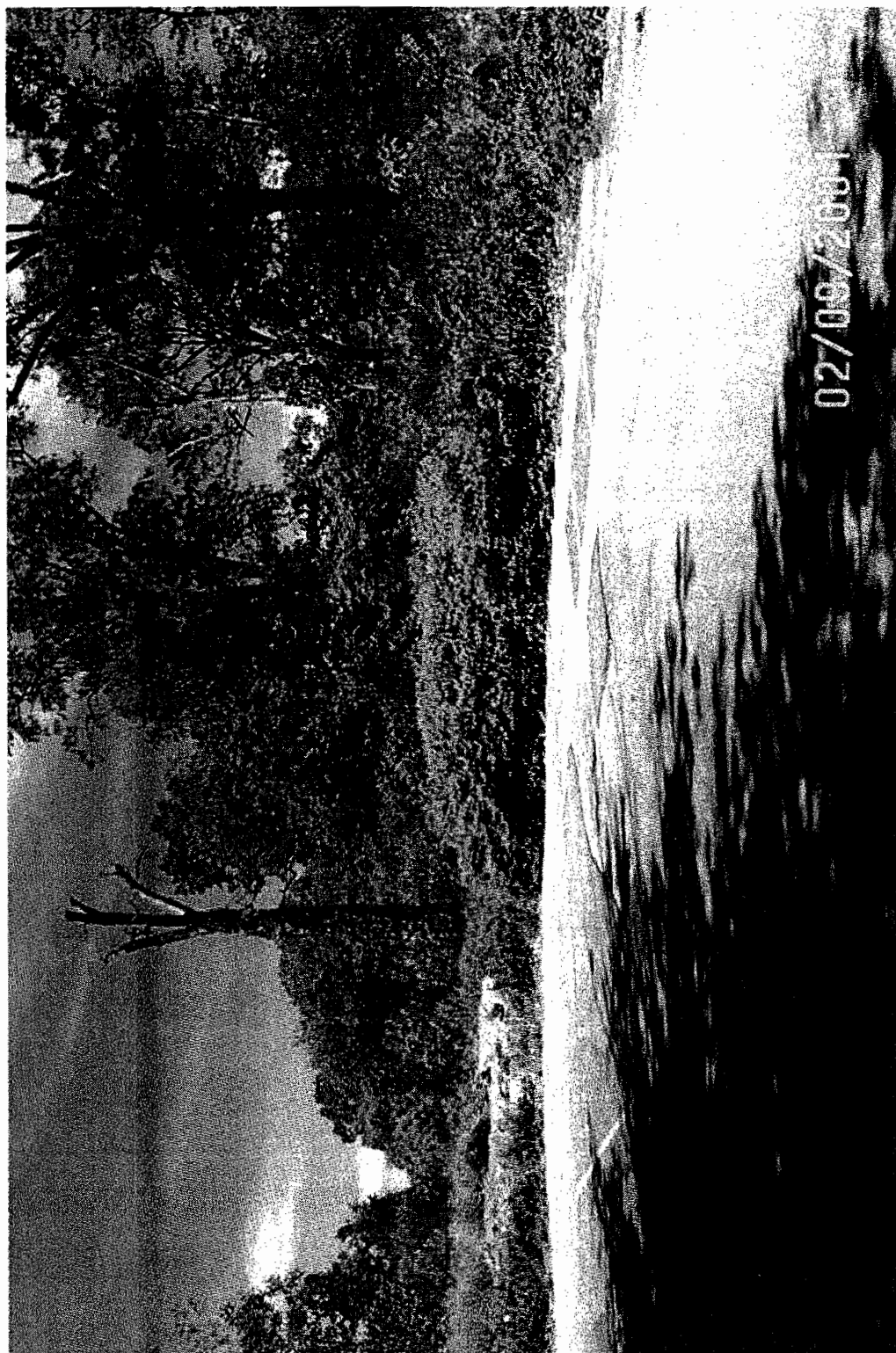
Photograph No.: 10 Date Taken: 06/03/02

Inspector: F De Vito



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Pre construction.

Photograph No.: 11 Date Taken: 06/03/02
Inspector: F. De Vita



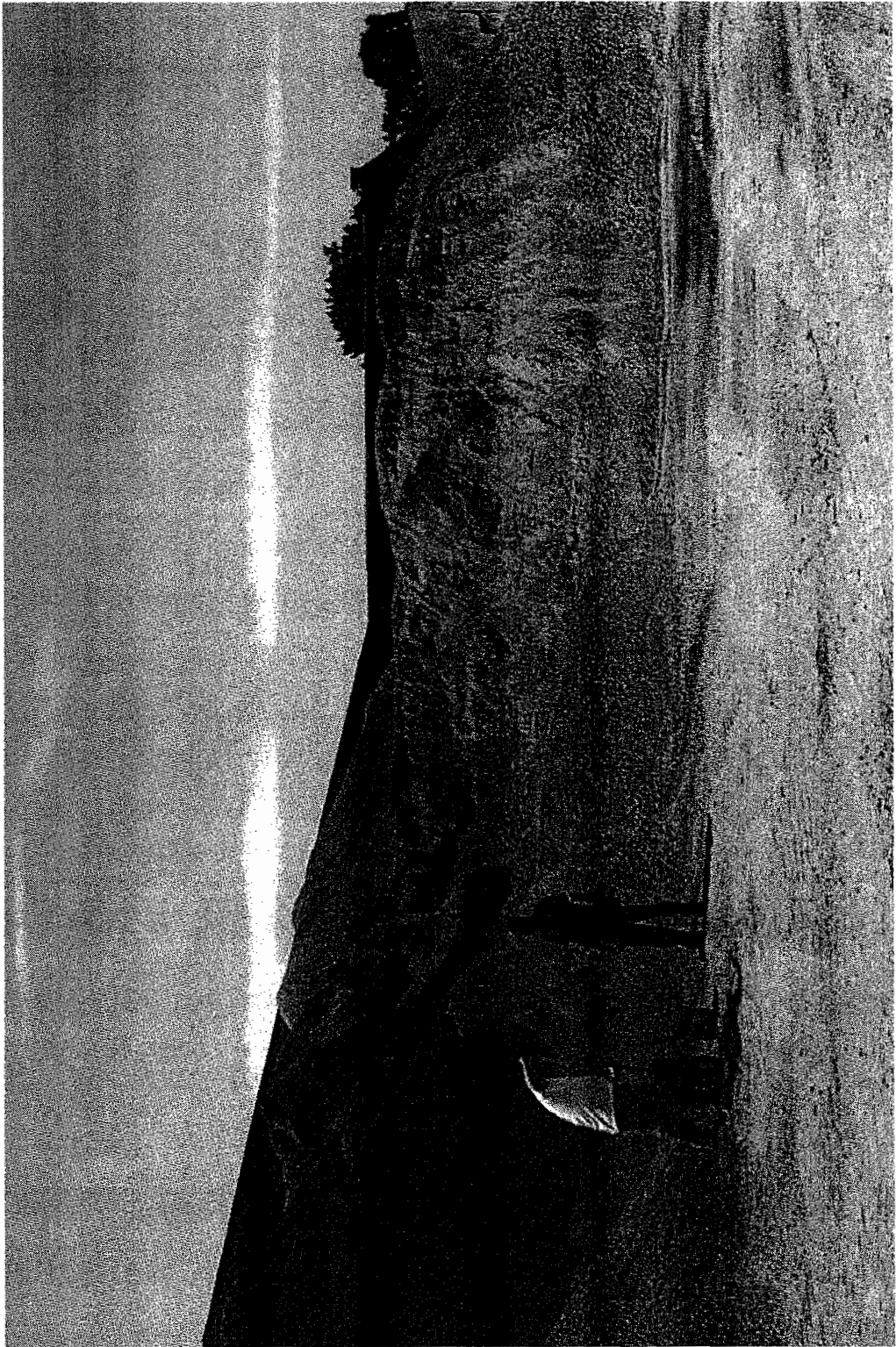
02/03/2001

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Pre construction

Photograph No.: 12 Date Taken: 06/03/02
Inspector: F De Vito



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: overview stockpile
RCA - Con - Steels Inc.
Photograph No.: 13 Date Taken: 08/02/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: RCA sampling
Can-Sterx Inc with URS
Photograph No.: 14 Date Taken: 08/02/02
Inspector: R. Heling

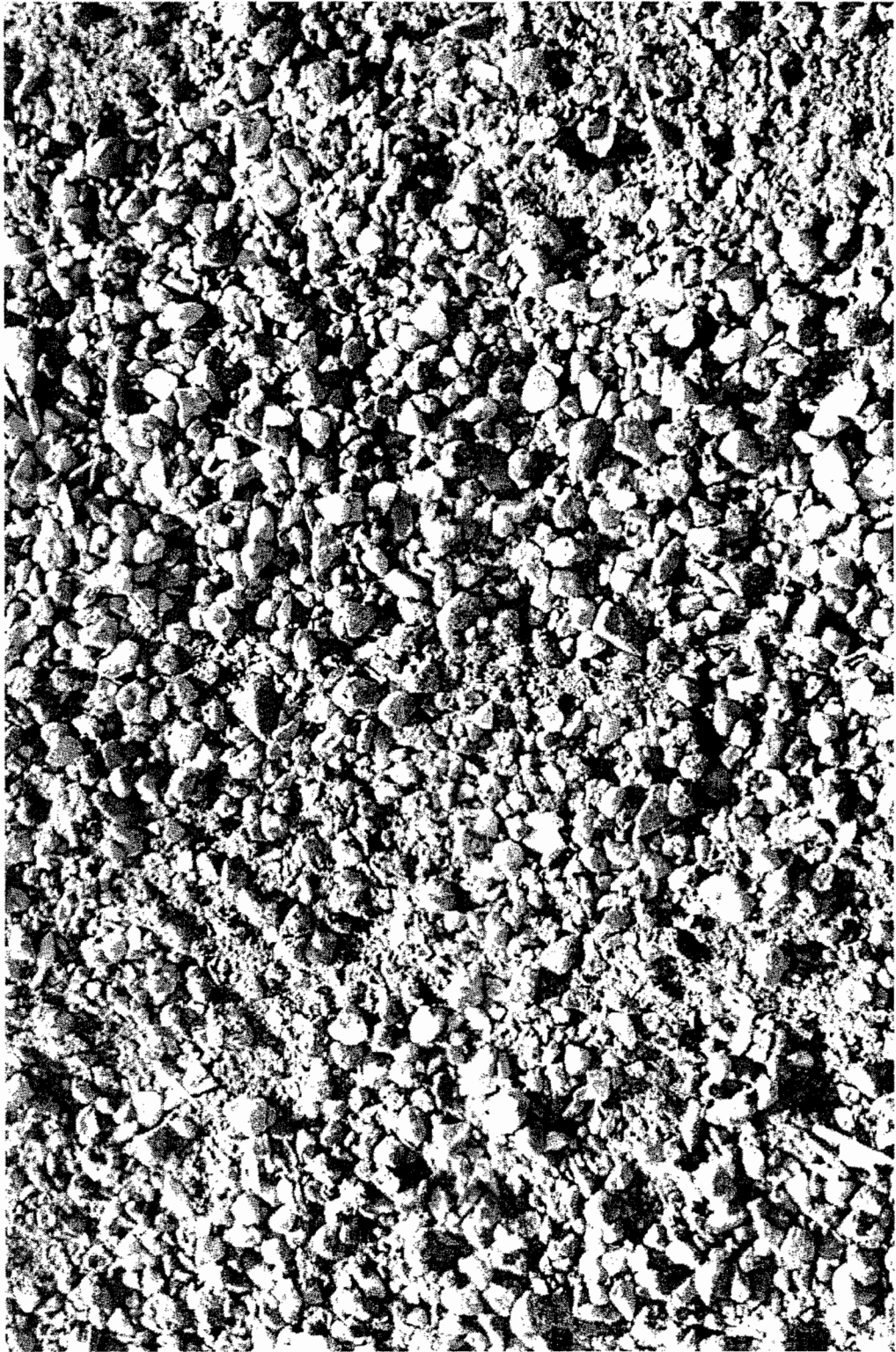


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail RCA sample
5 Gallon bucket
Photograph No.: 15 Date Taken: 28/02/02
Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Detail RCA stockpile

Photograph No.: 16 Date Taken: 28/02/02
Inspector: R. Helling



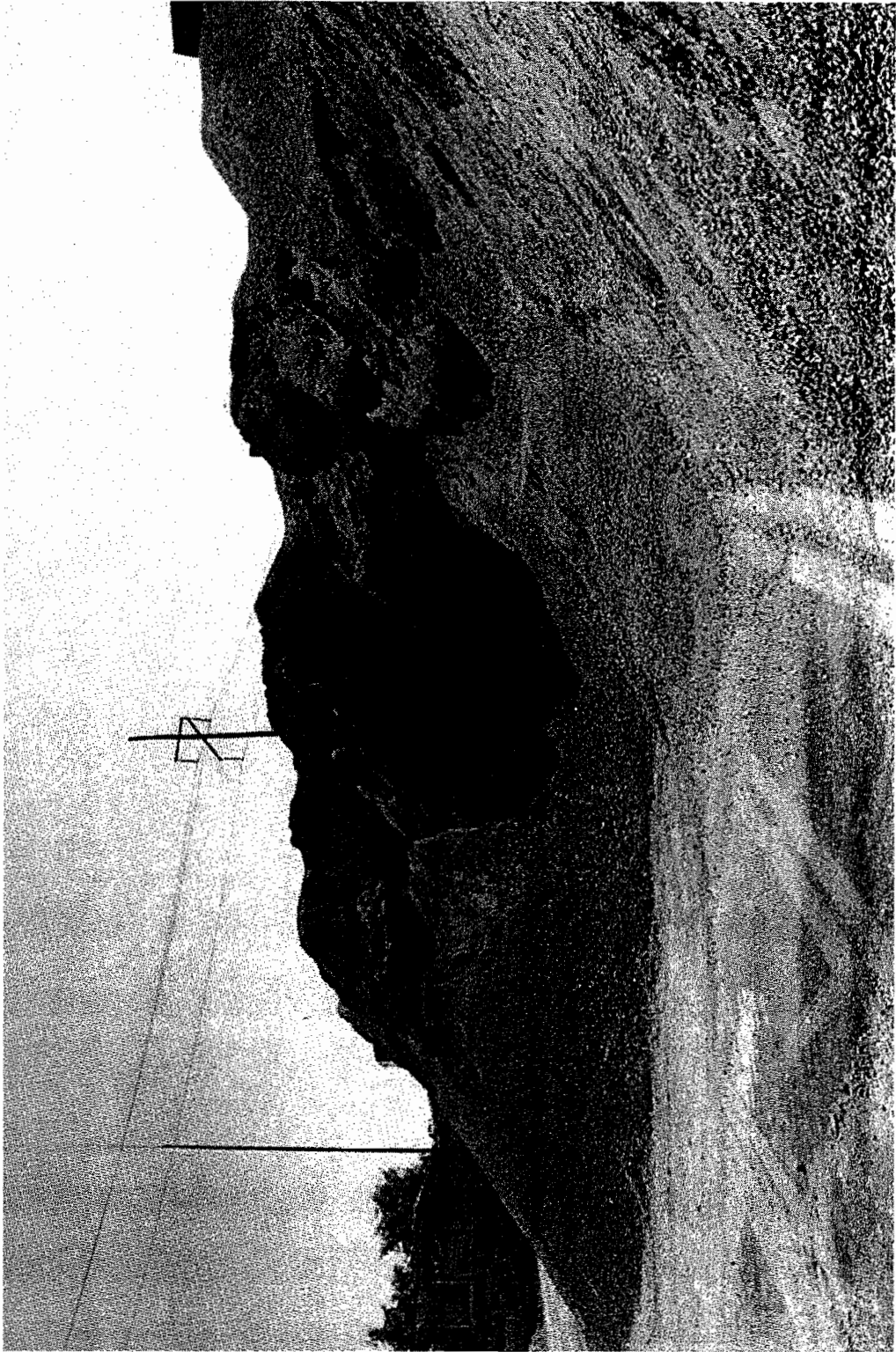
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Detail RCA
stockpile - concrete
Photograph No.: 17 Date Taken: 08/02/02
Inspector: R. Heling.



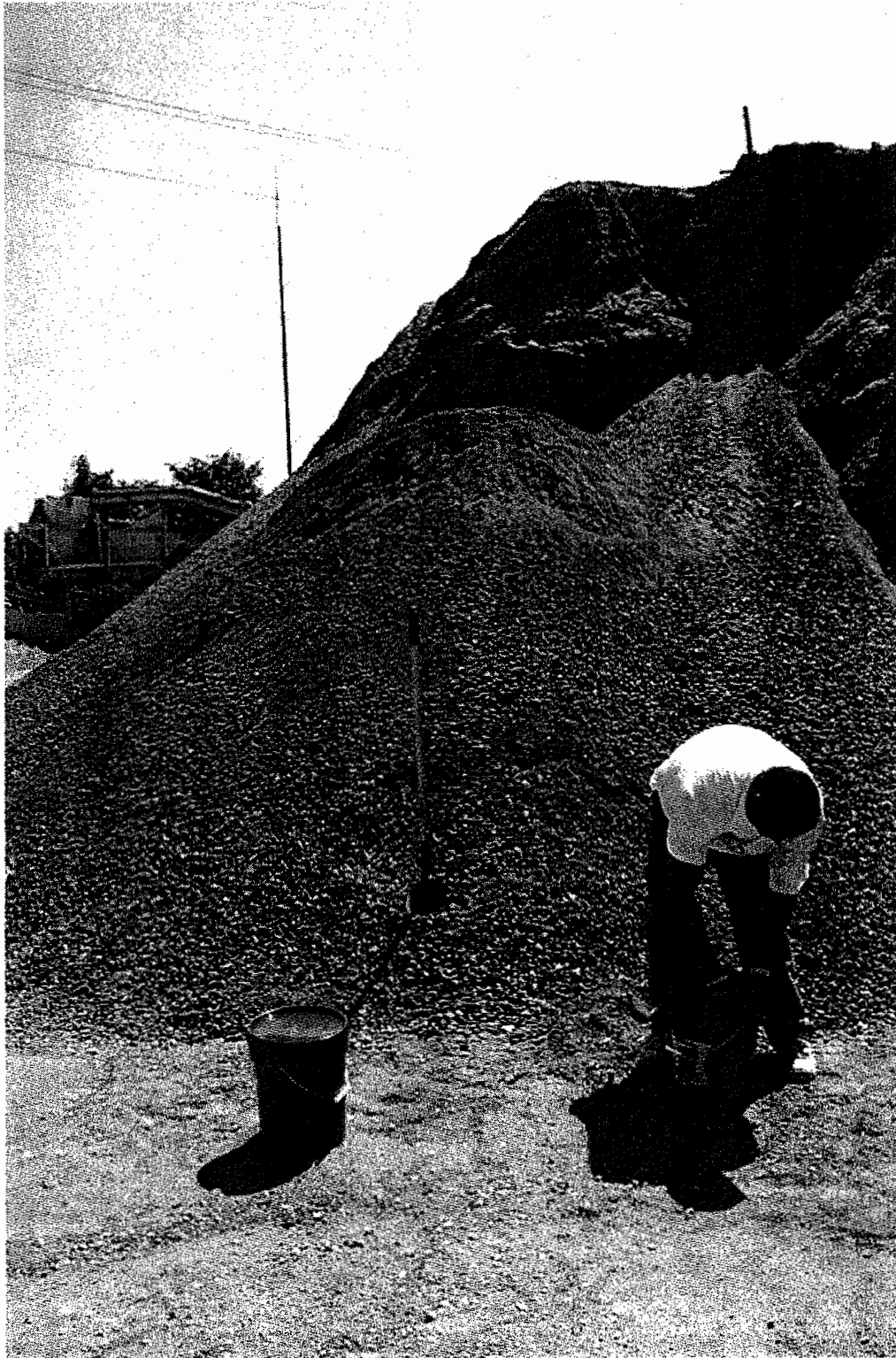
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail RCA sample
5 Gallon Bucket

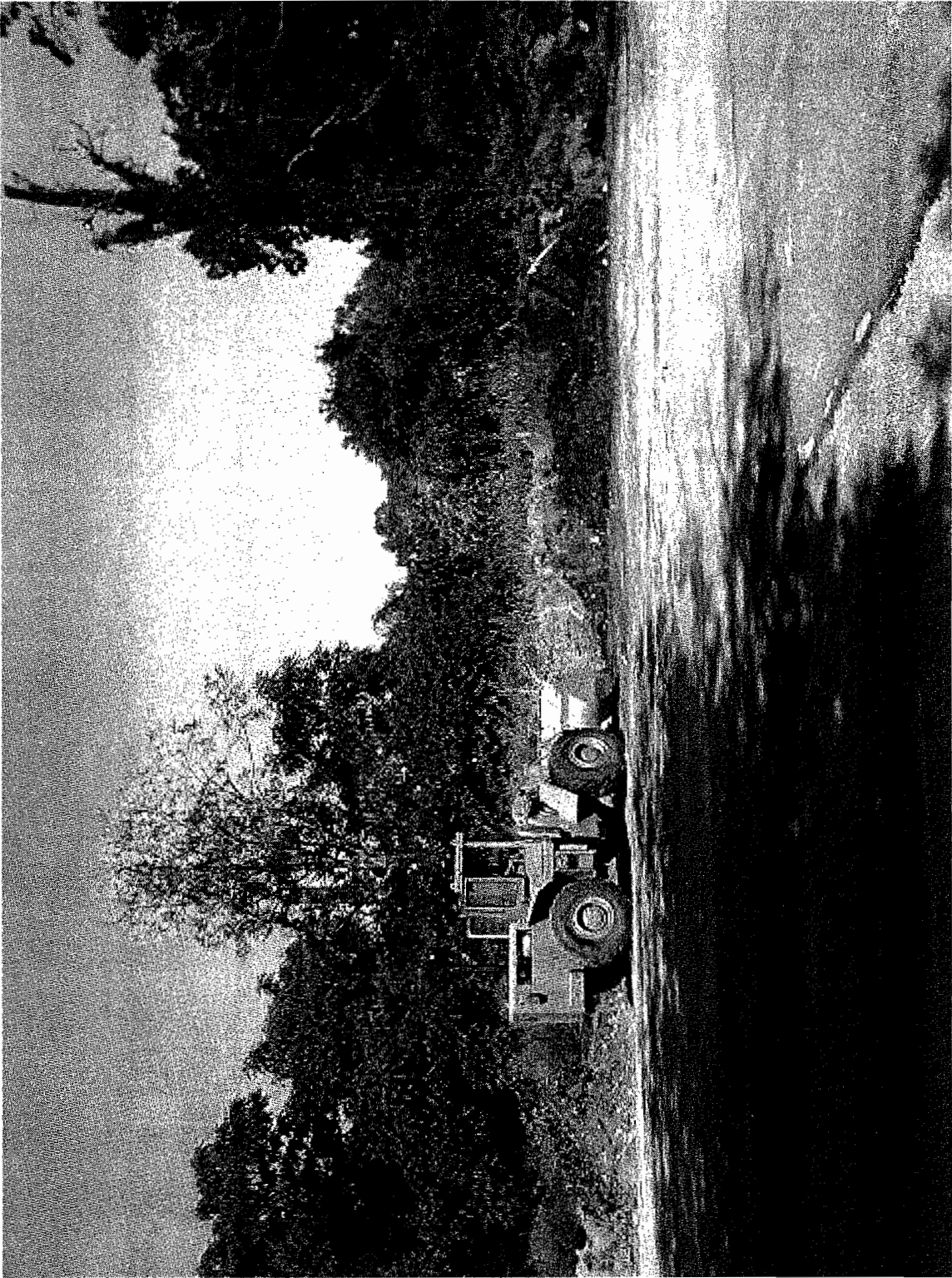
Photograph No.: 18 Date Taken: 08/02/02
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview stockpile
RCA
Photograph No.: 19 Date Taken: 28/02/02
Inspector: R. Helling



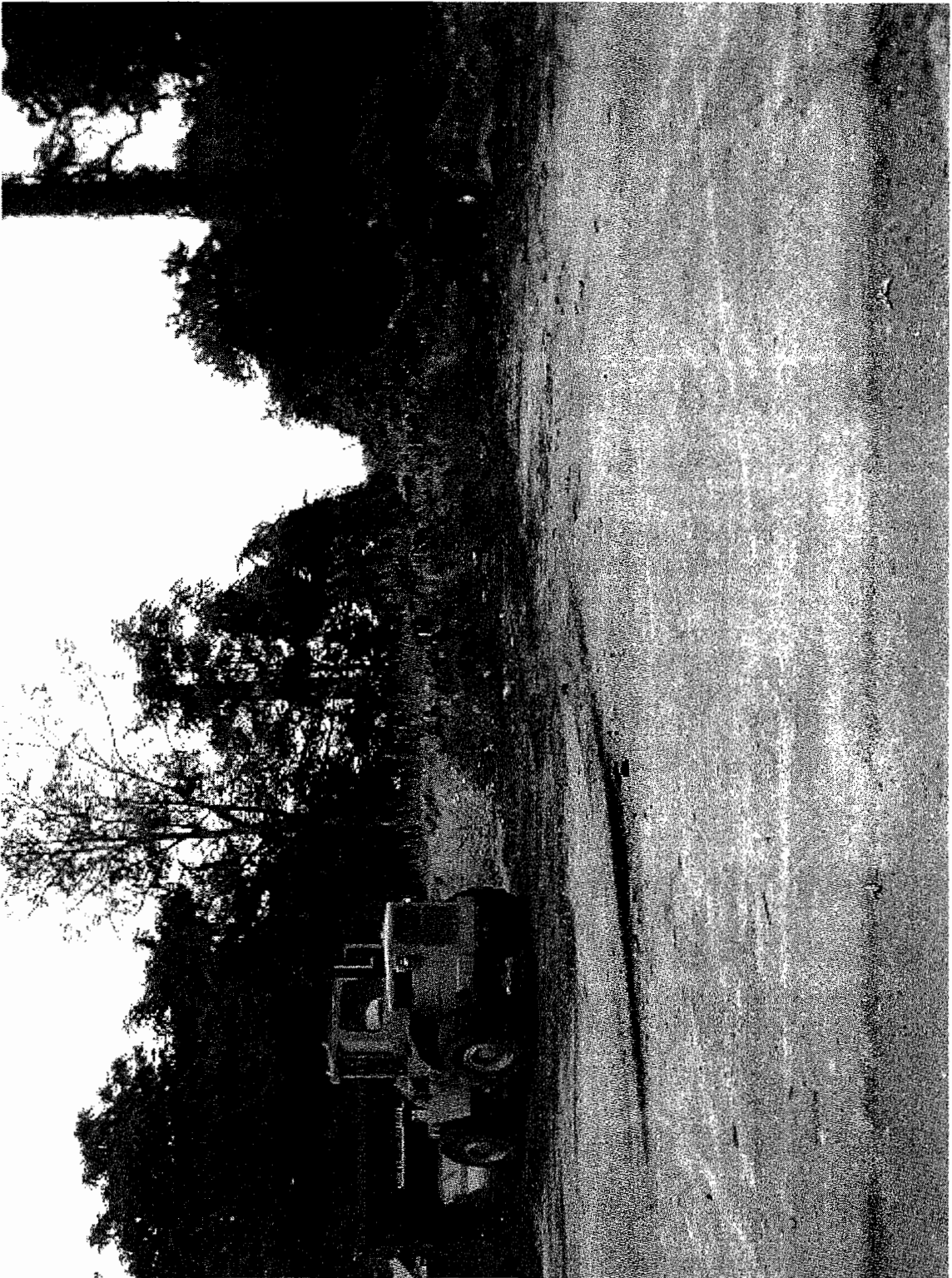
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: RCA - sampling with
URS
Photograph No.: 20 Date Taken: 08/02/02
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Clearing + grubbing.
and waste disposal area.
Photograph No.: 21 Date Taken: 06/15/02
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Cleaning & grubbing.
stockpile organic material.
Photograph No.: 22 Date Taken: 8/16/02
Inspector: F De Vito



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Cleaning + grubbing

Photograph No.: 1.3 Date Taken: 08/16/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Clearing & grubbing

Photograph No.: 24 Date Taken: 08/16/02
Inspector: F De Vito



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Clearing & grubbing
wood chipper.
Photograph No.: 25 Date Taken: 08/16/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Trench gas line.

Photograph No.: 26 Date Taken: 8/2/02
Inspector: F De Vita



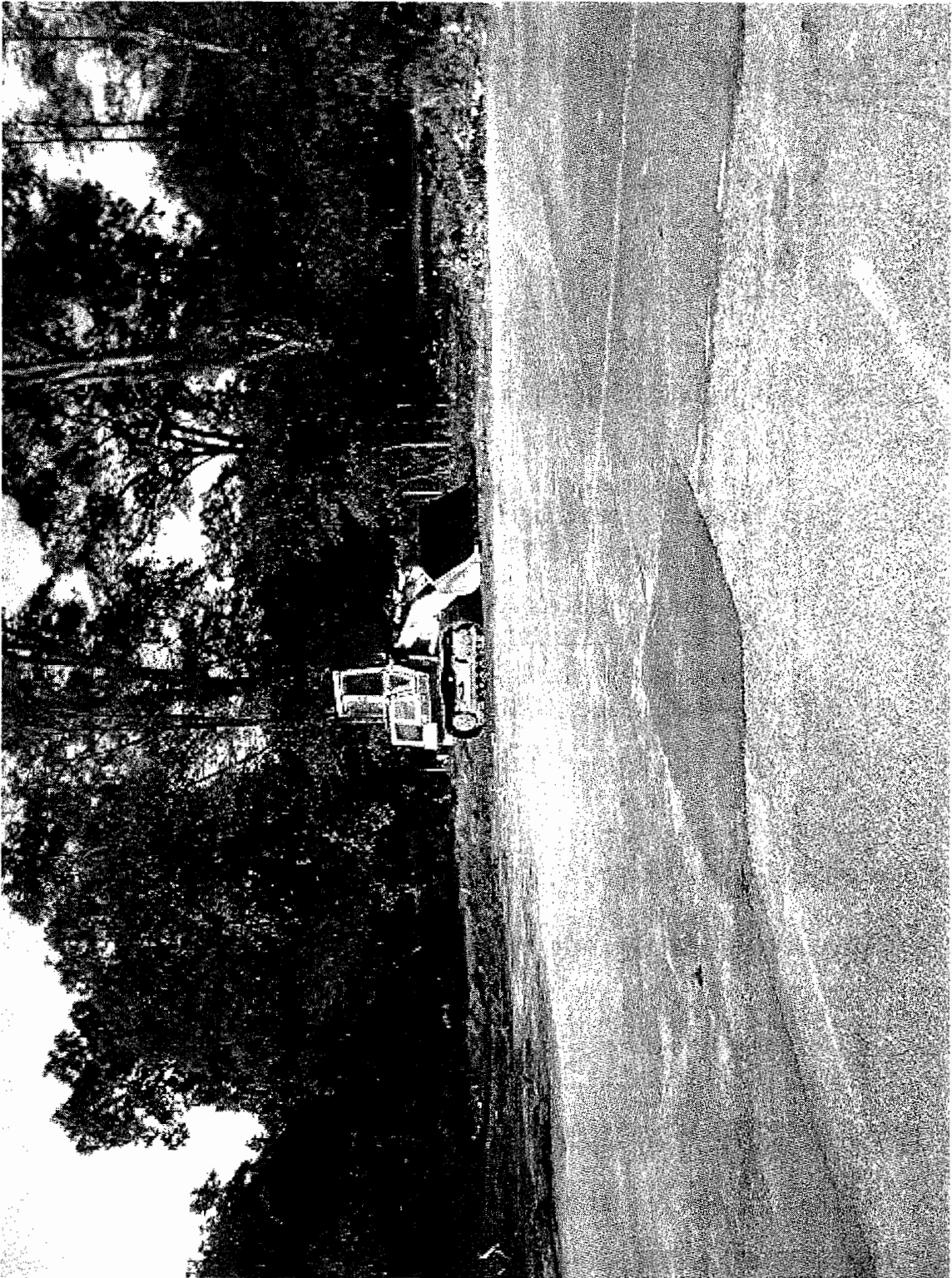
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Trench gas line

Photograph No.: 27 Date Taken: 08/21/05
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Clearing tree

Photograph No.: 28 Date Taken: 08/21/02
Inspector: F De Vita



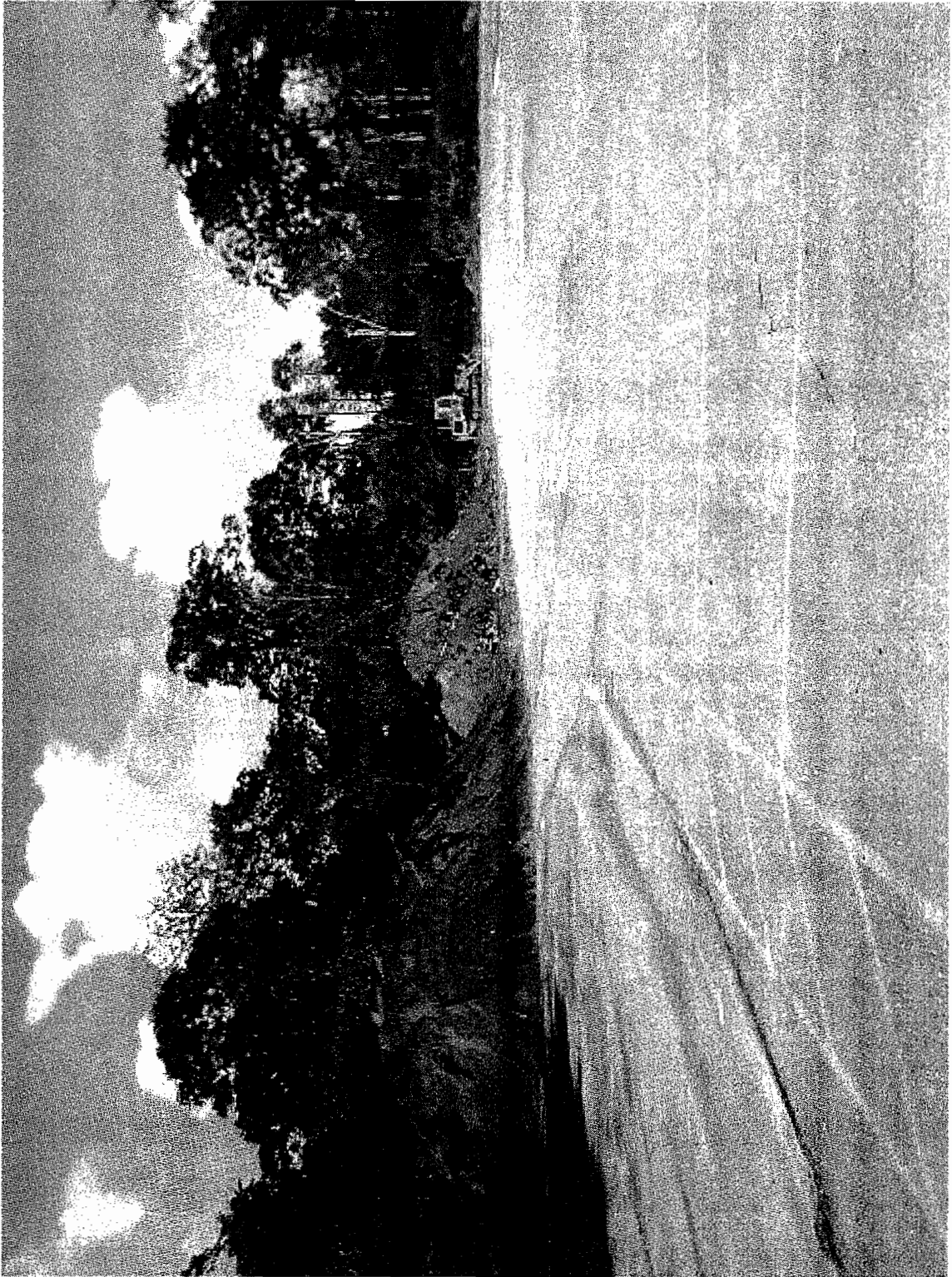
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Clearing + grubbing.
Removal yard waste.
Photograph No.: 29 Date Taken: 8/2/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Stockpile organic
material.
Photograph No.: 30 Date Taken: 08/21/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Cleaning & grubbing
Stockpile
Photograph No.: 31 Date Taken: 28/2/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 -- Contract No: D004264

Description of View: Cleaning + grubbing
stockpiles

Photograph No.: 32 Date Taken: 08/22/02

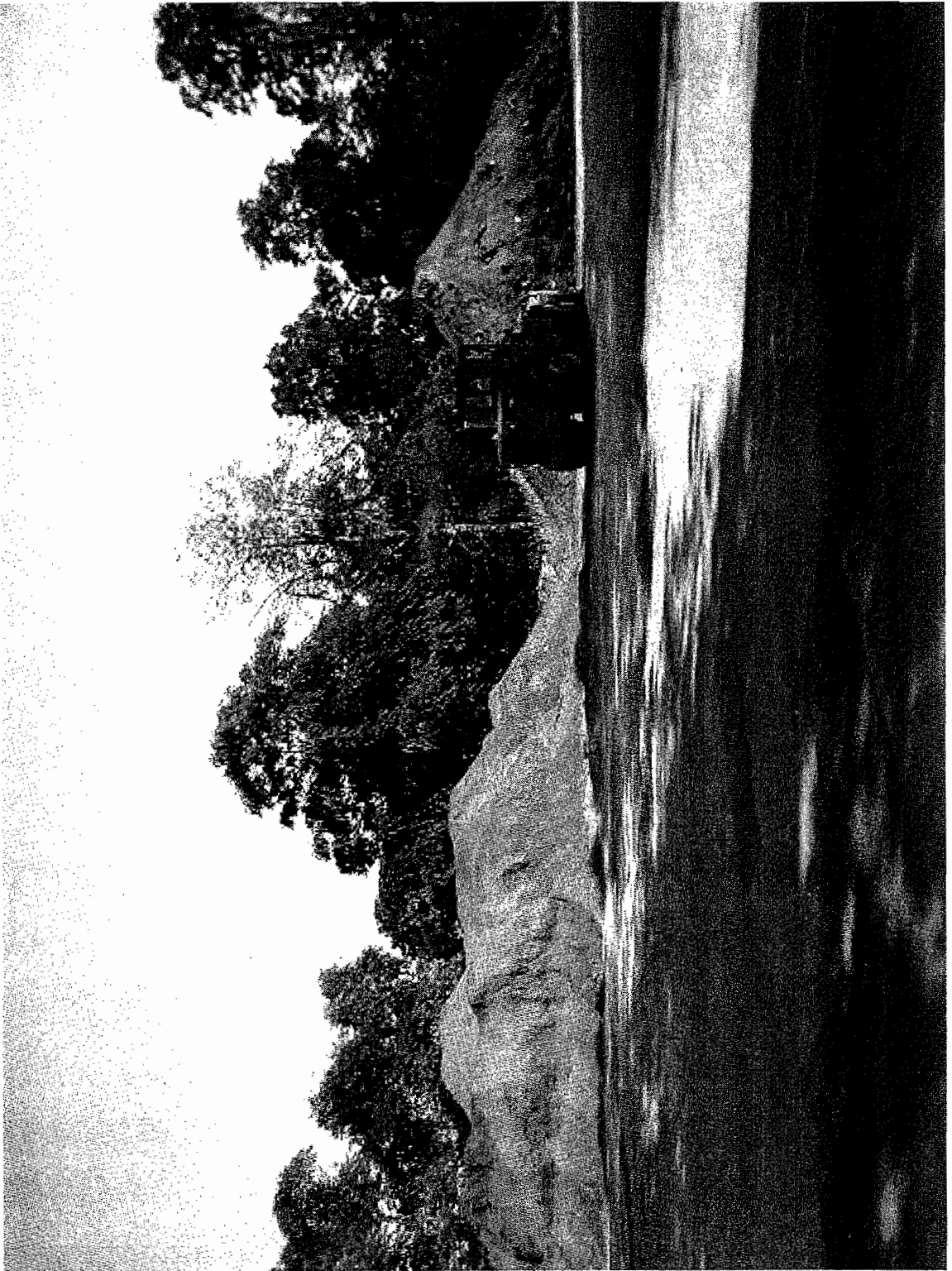
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264

Description of View: Clearing & grubbing
stockpiles

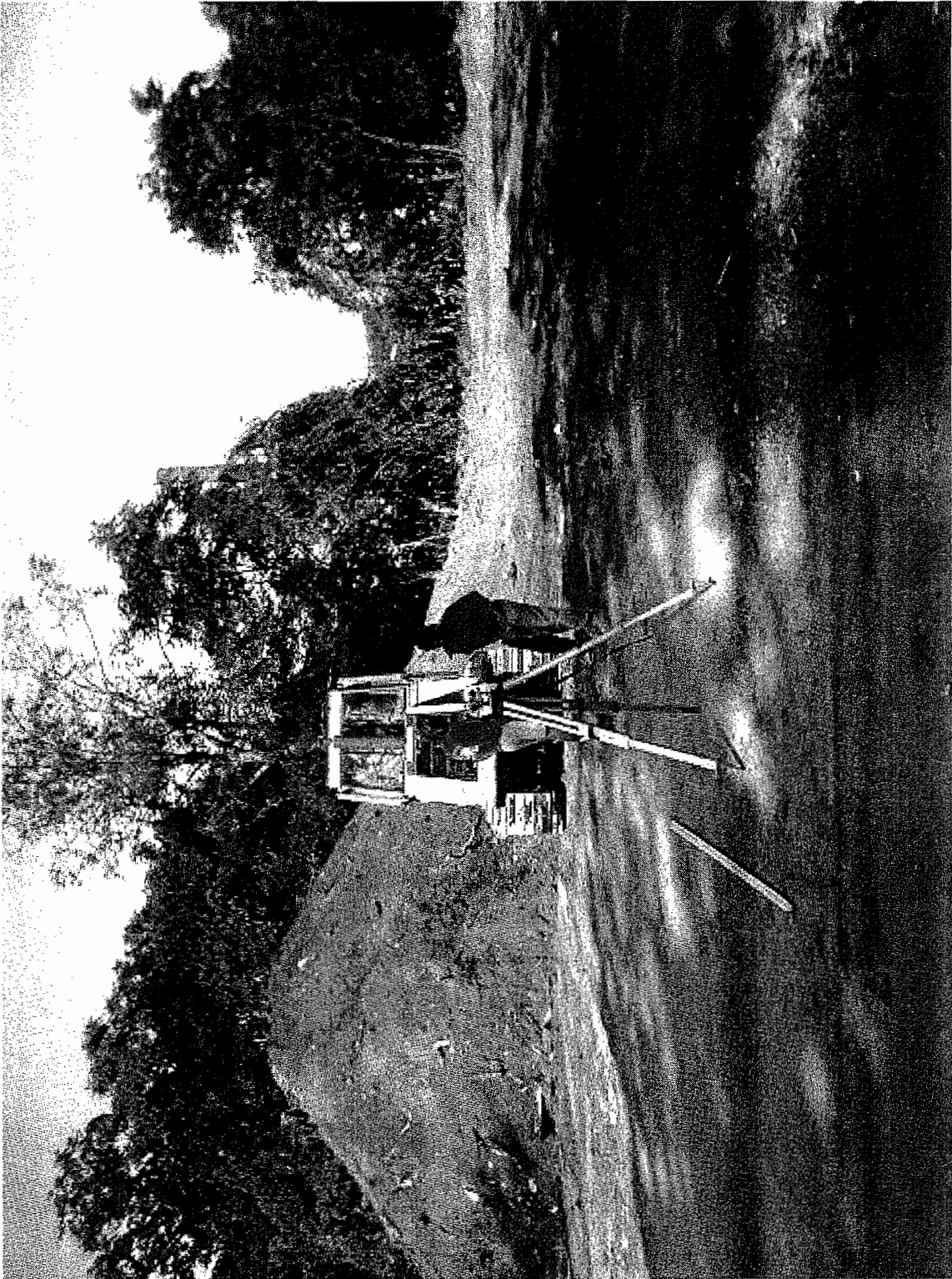
Photograph No.: 33 Date Taken: 08/22/02
Inspector: F De Vita



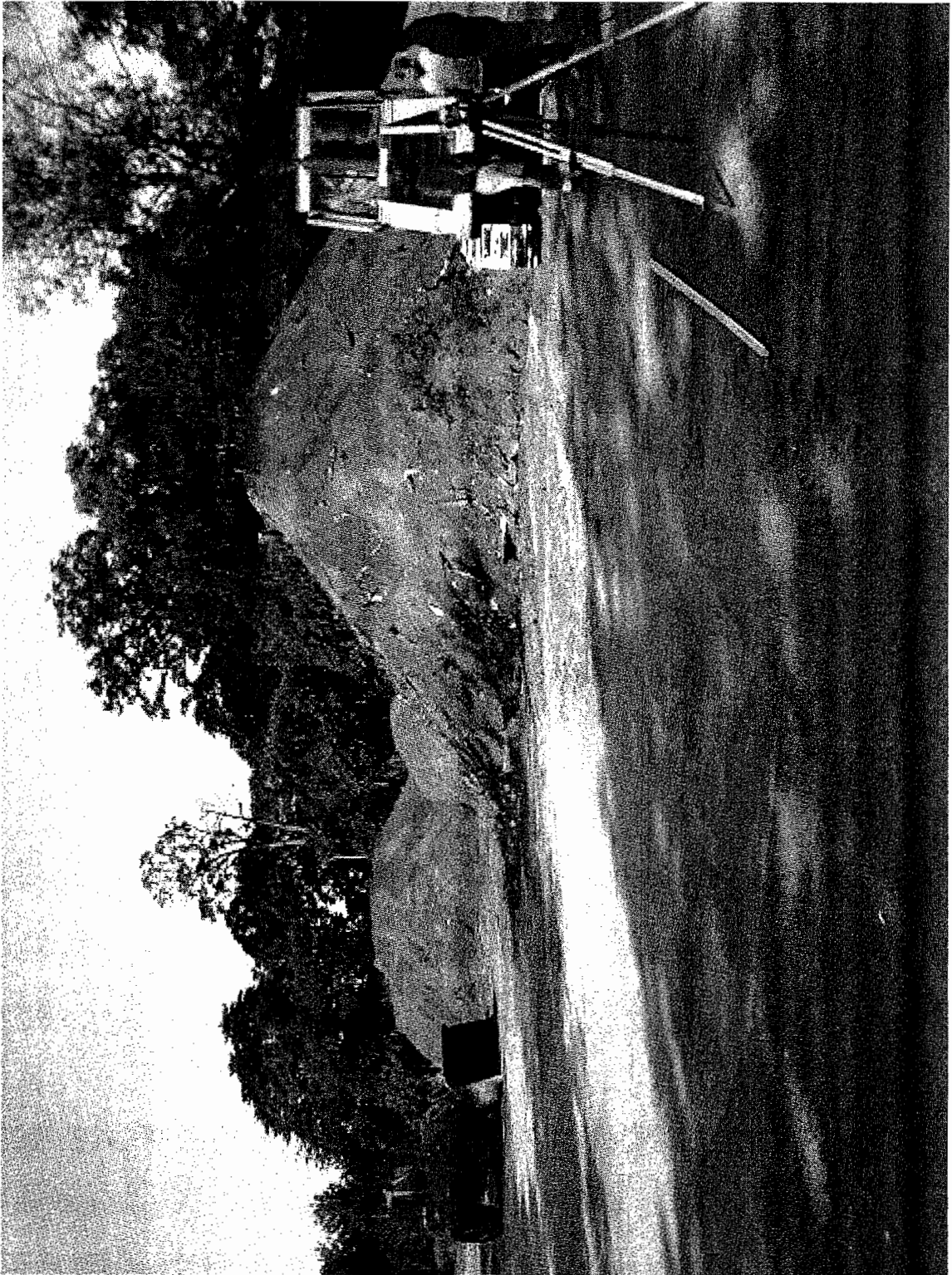
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Clearing + grubbing
Stockpiles.
Photograph No.: 34 Date Taken: 28/22/02
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Removal yard waste
North west area.
Photograph No.: 35 Date Taken: 08/22/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Removal of yard waste
stockpiles
Photograph No.: 36 Date Taken: 8/22/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Removal yardwaste
stockpiles
Photograph No.: 37 Date Taken: 08/22/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview showing Middle
College from RIA road to Mercy Hospital.
Photograph No.: 38 Date Taken: 08/22/02
Inspector: F De Vito



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail fencing Molloy
College view RLA road to Menzies Hospital.
Photograph No.: 39 Date Taken: 20/02/02
Inspector: F DeVito



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Details existing fencing

Photograph No.: 40 Date Taken: 08/22/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Details existing fencing.

Photograph No.: 41 Date Taken: 08/22/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Detail fencing Malley
College view north east side.
Photograph No.: 42 Date Taken: 08/22/02
Inspector: F De Vita.



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

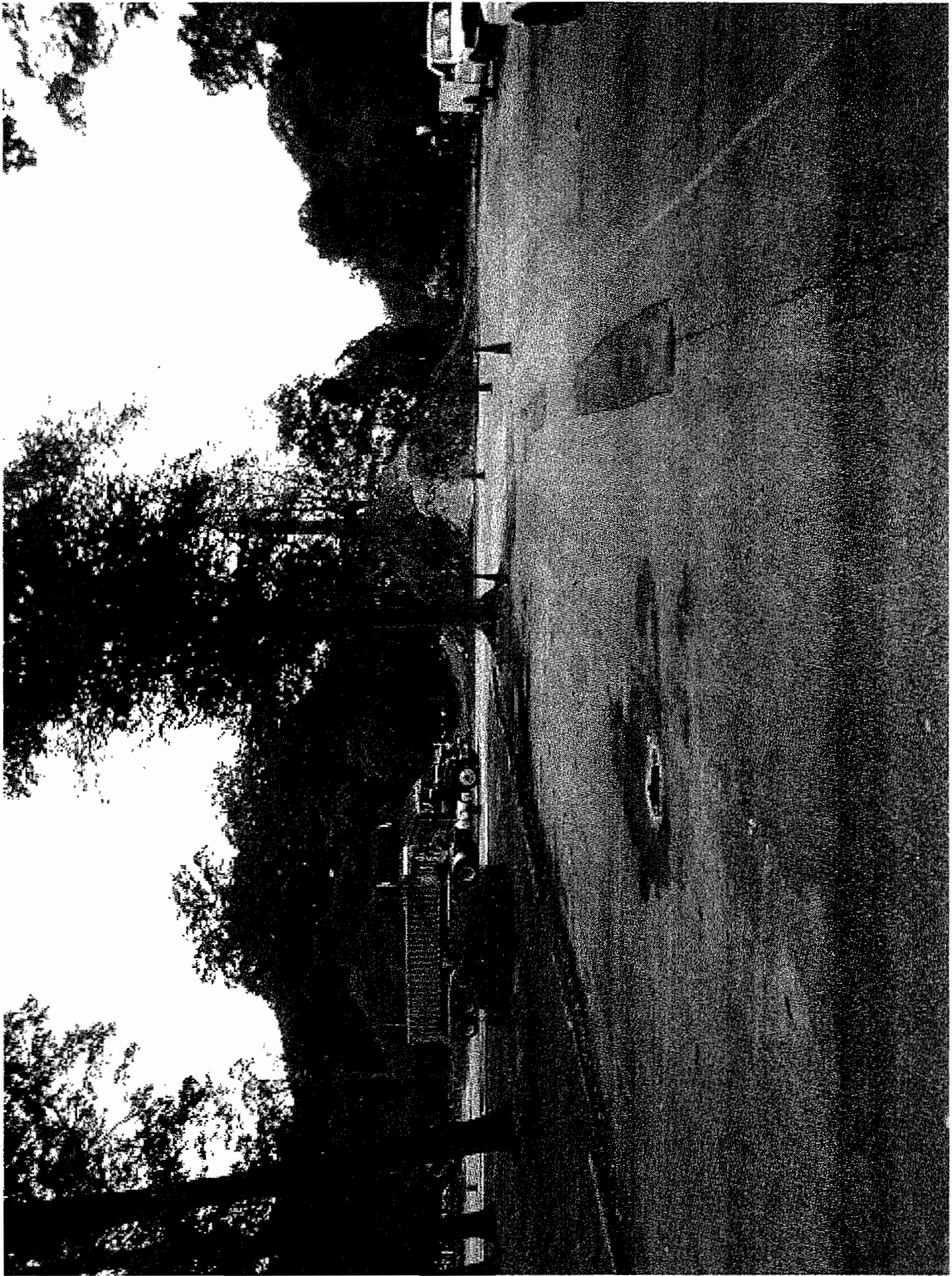
Contractor: URS Corporation

Site No.: 1-30-050 -- Contract No: D004264

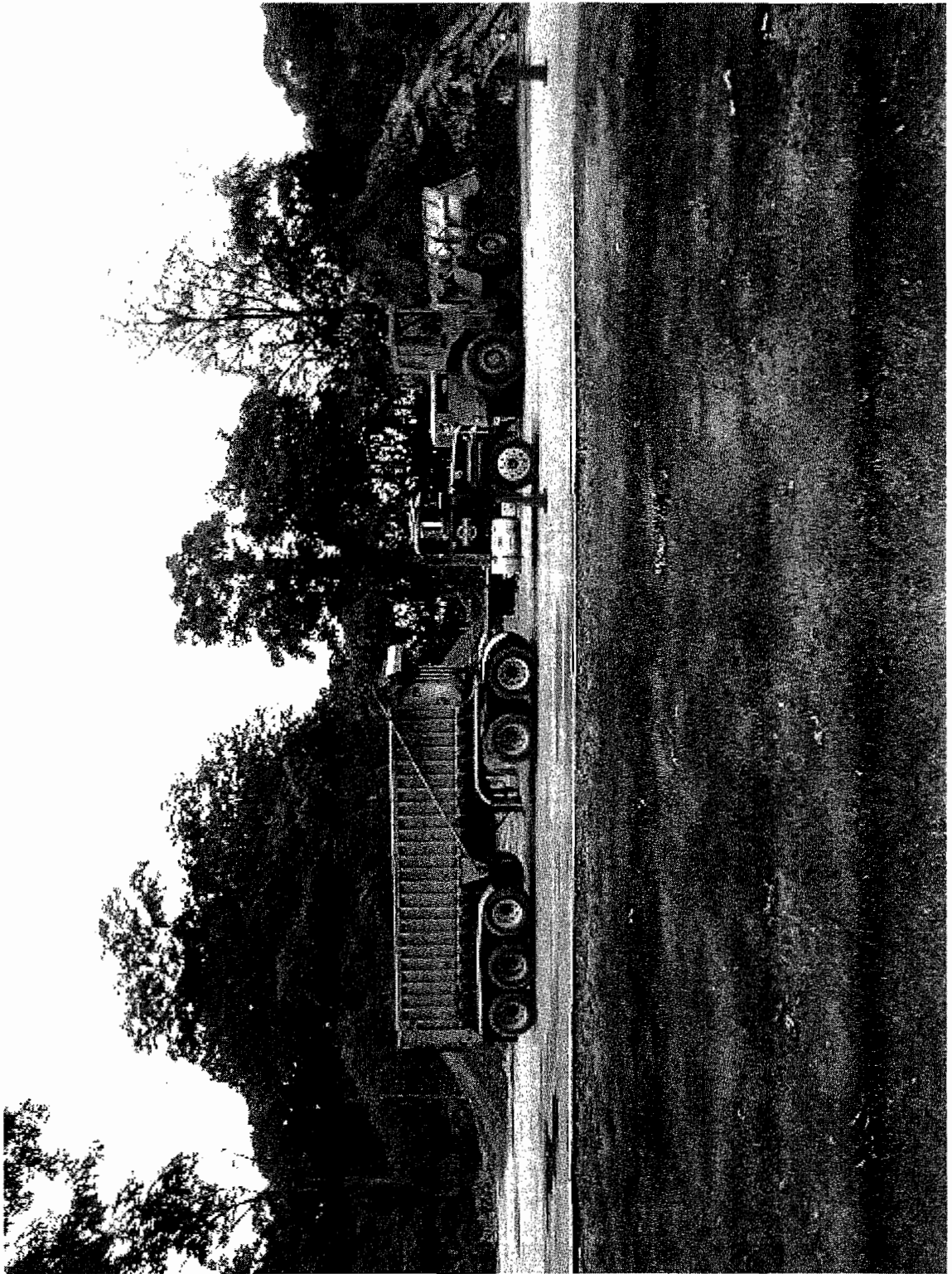
Description of View: Overview Trailer area
after ~~the~~ removal of yard waste

Photograph No.: 43 Date Taken: 28/22/02

Inspector: F De Vita



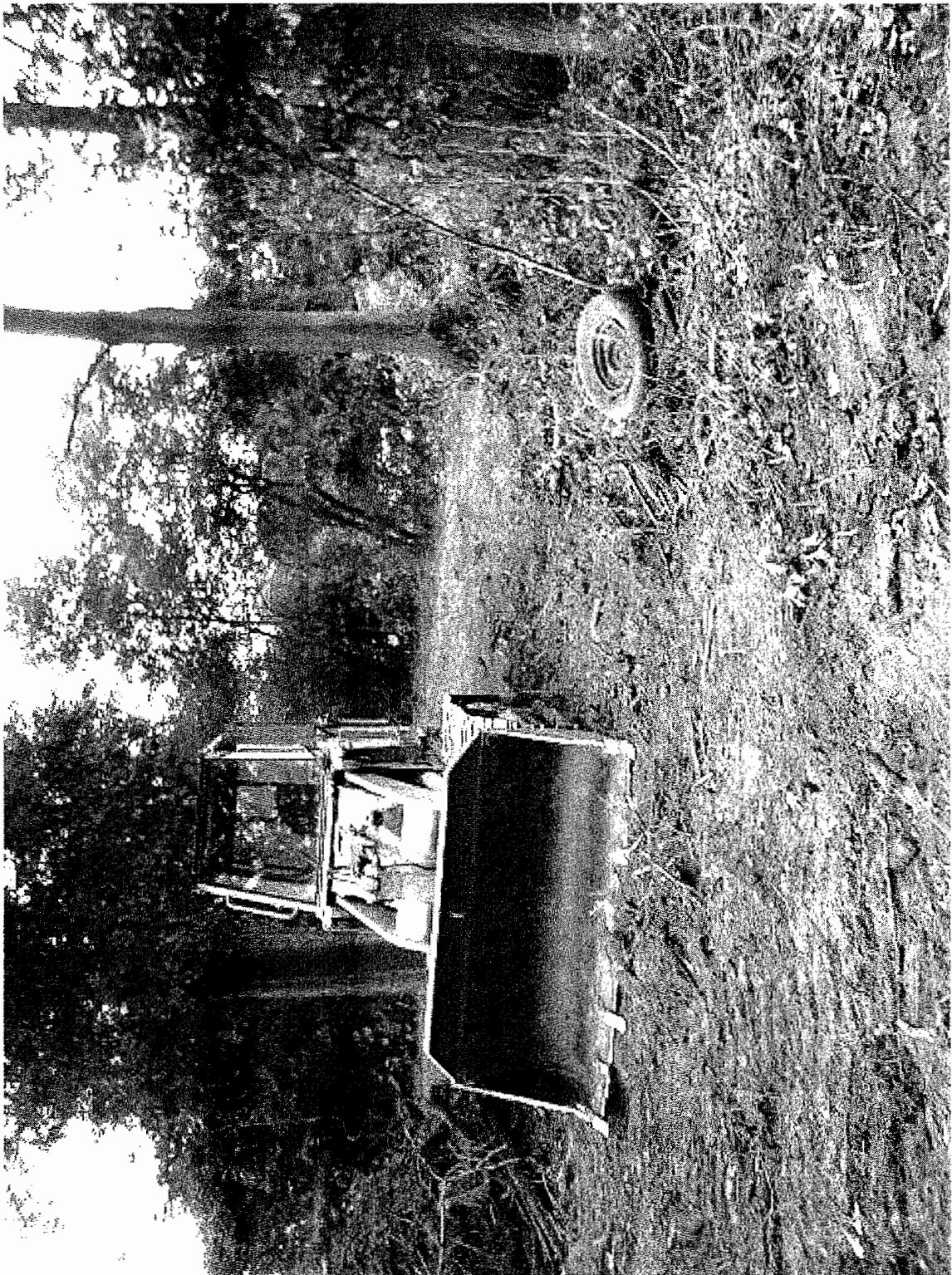
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Overview parking lot
and stockpiles.
Photograph No.: 44 Date Taken: 08/23/02
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Removal yard waste
loading trucks
Photograph No.: 45 Date Taken: 08/23/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Clearing + grubbing.
Discharge trench
Photograph No.: 46 Date Taken: 08/23/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Cleaning + grubbing
North east area
Photograph No.: 47 Date Taken: 08/23/02
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Clearing & grubbing
overview south east side.

Photograph No.: 48 Date Taken: 08/23/02

Inspector: F De Vita



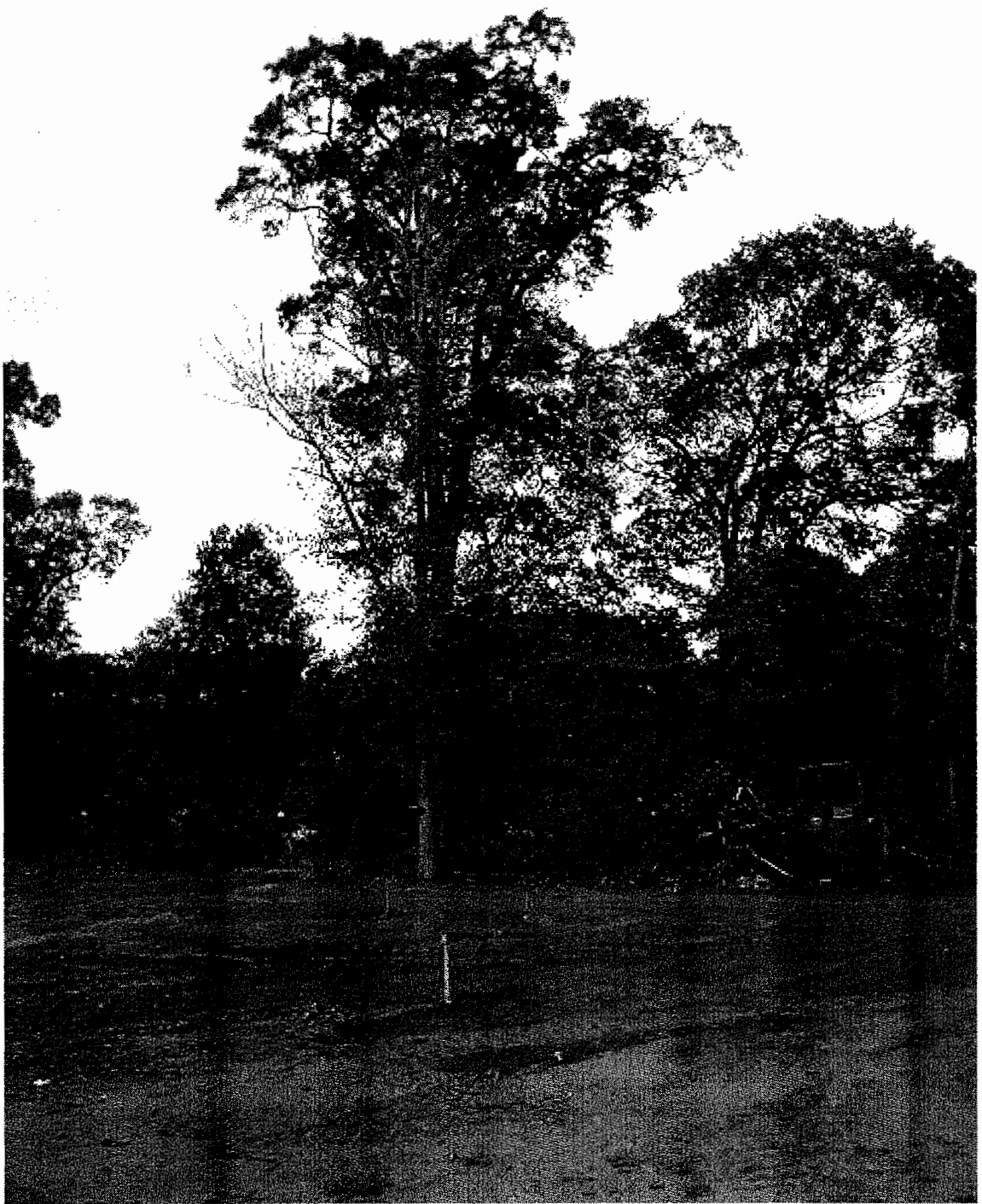
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: clearing & grubbing
overview east side.
Photograph No.: 49 Date Taken: 08/23/02
Inspector: F De Vito



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: clearing + grubbing
overlain north side.
Photograph No.: 50 Date Taken: 08/27/02
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Clearing + grubbing
overview discharge trench
Photograph No.: 51 Date Taken: 08/27/02
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Clearing + grubbing
Detail view RCA road
Photograph No.: 52 Date Taken: 08/27/02
Inspector: F. DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Clearing + grubbing
South area + tree RCA road.
Photograph No.: 53 Date Taken: 08/27/02
Inspector: F De Vita.



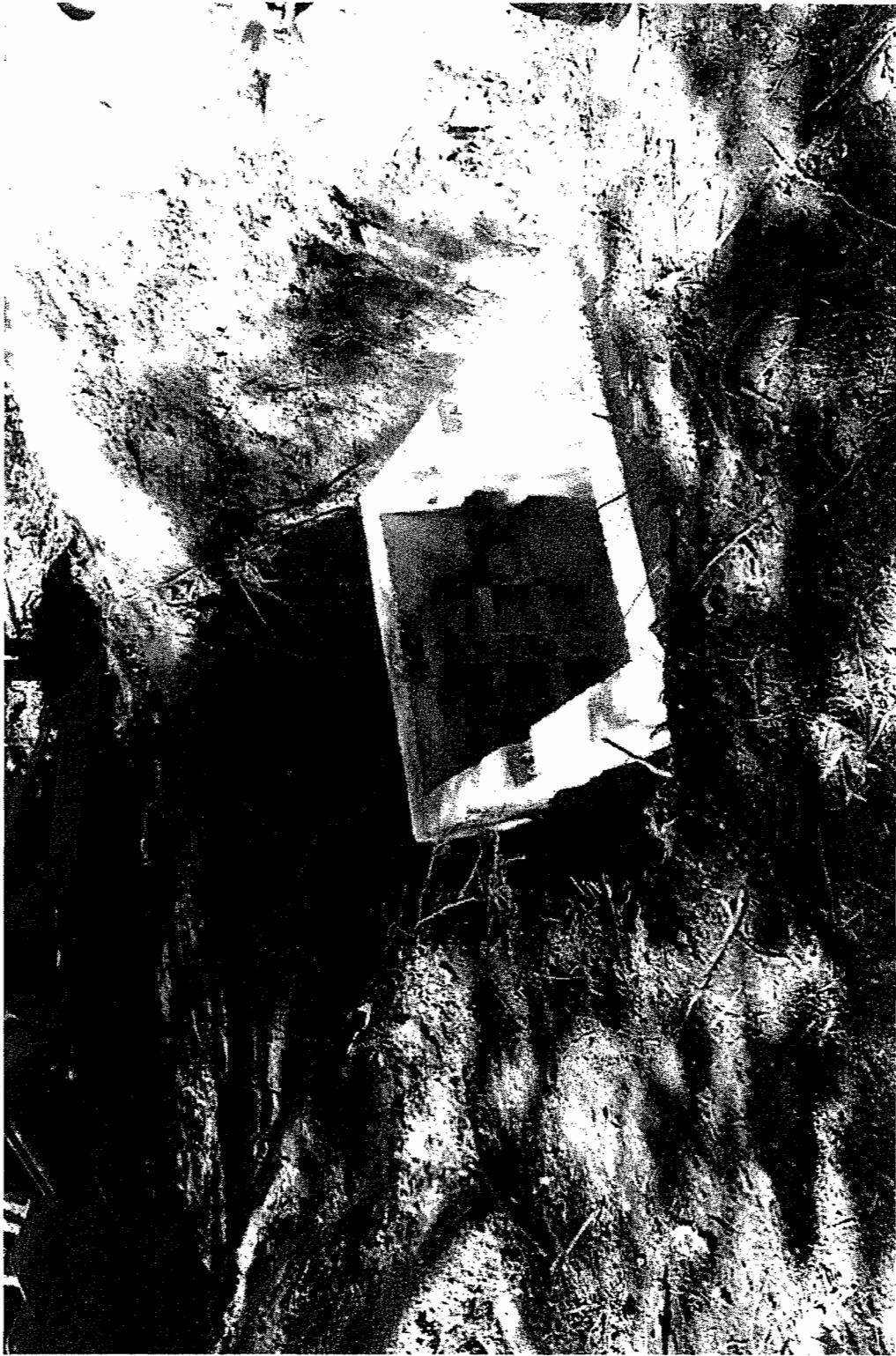
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Excavation transformer
pad - Treatment System.
Photograph No.: 54 Date Taken: 09/11/02
Inspector: R. Heling



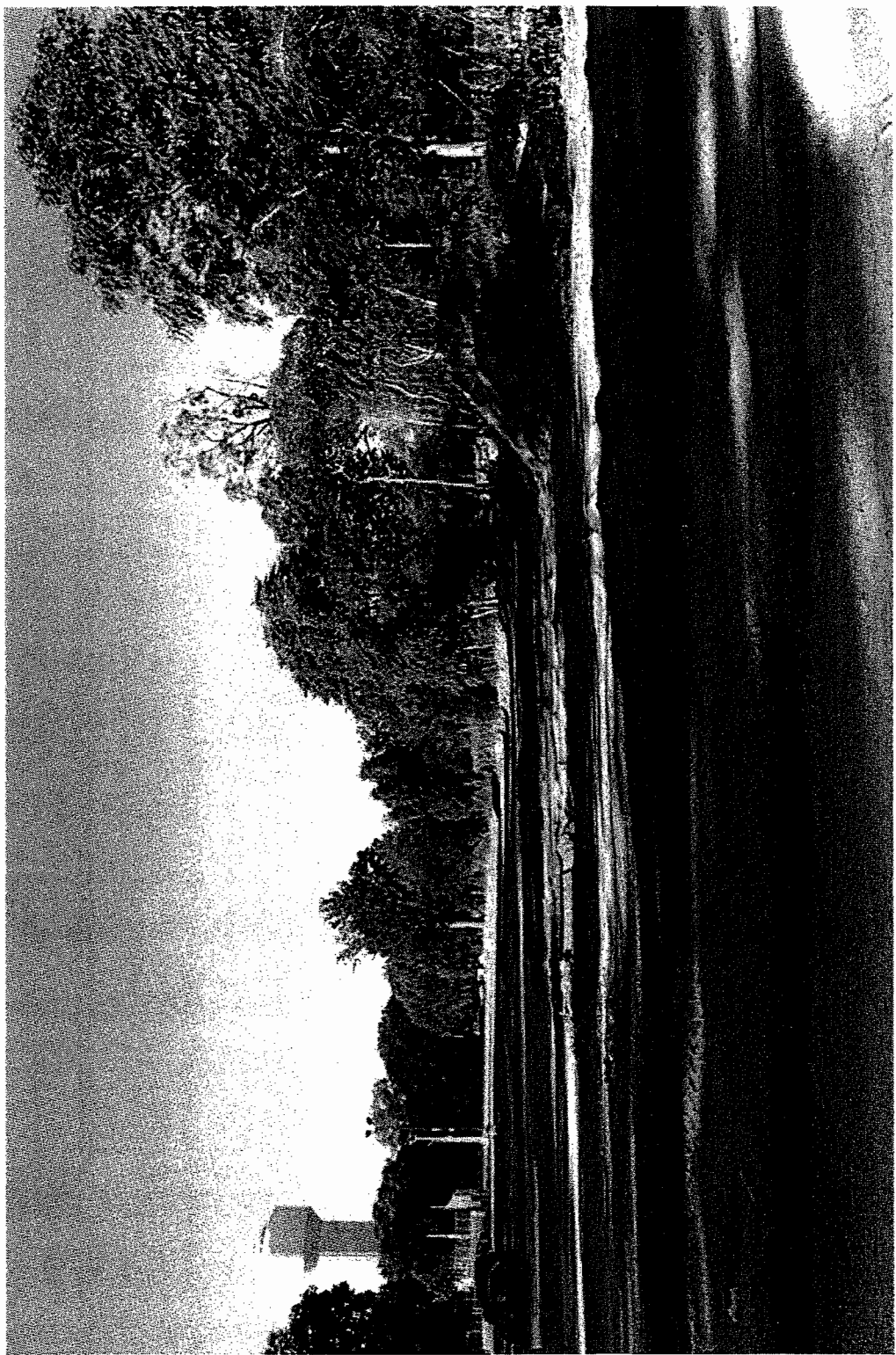
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Excavation beneath transformer
pad - Treatment System.
Photograph No.: 55 Date Taken: 09/11/02
Inspector: R. Hedling



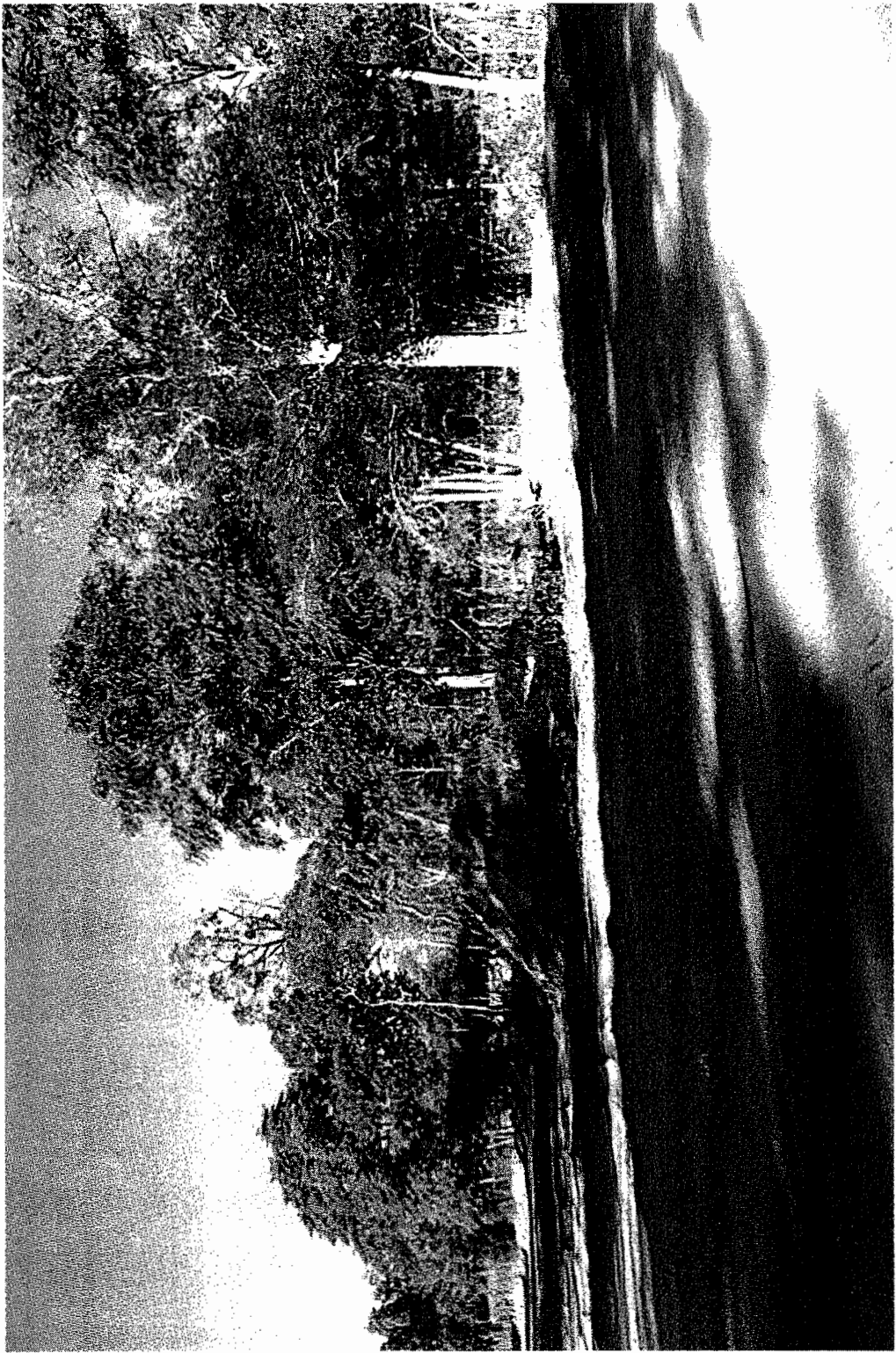
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Transformer pad.
Treatment system.
Photograph No.: 56 Date Taken: 8/1/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Distribution box
next to Riser pole Franklin Av.
Photograph No.: 57 Date Taken: 09/10/02
Inspector: R. Hedling.



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview south side
parking lots Midway College & stockpiles
Photograph No.: 58 Date Taken: 09/13/02
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview Southside
Stockpile organic material
Photograph No.: 59 Date Taken: 09/13/02
Inspector: R. Heling

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

1986 ENVIRONMENTAL CONSERVATION FUND AC
REMEDIAL CONSTRUCTION
FRANKLIN CLEANERS SITE
SITE NO. 1-30-05



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Project sign.

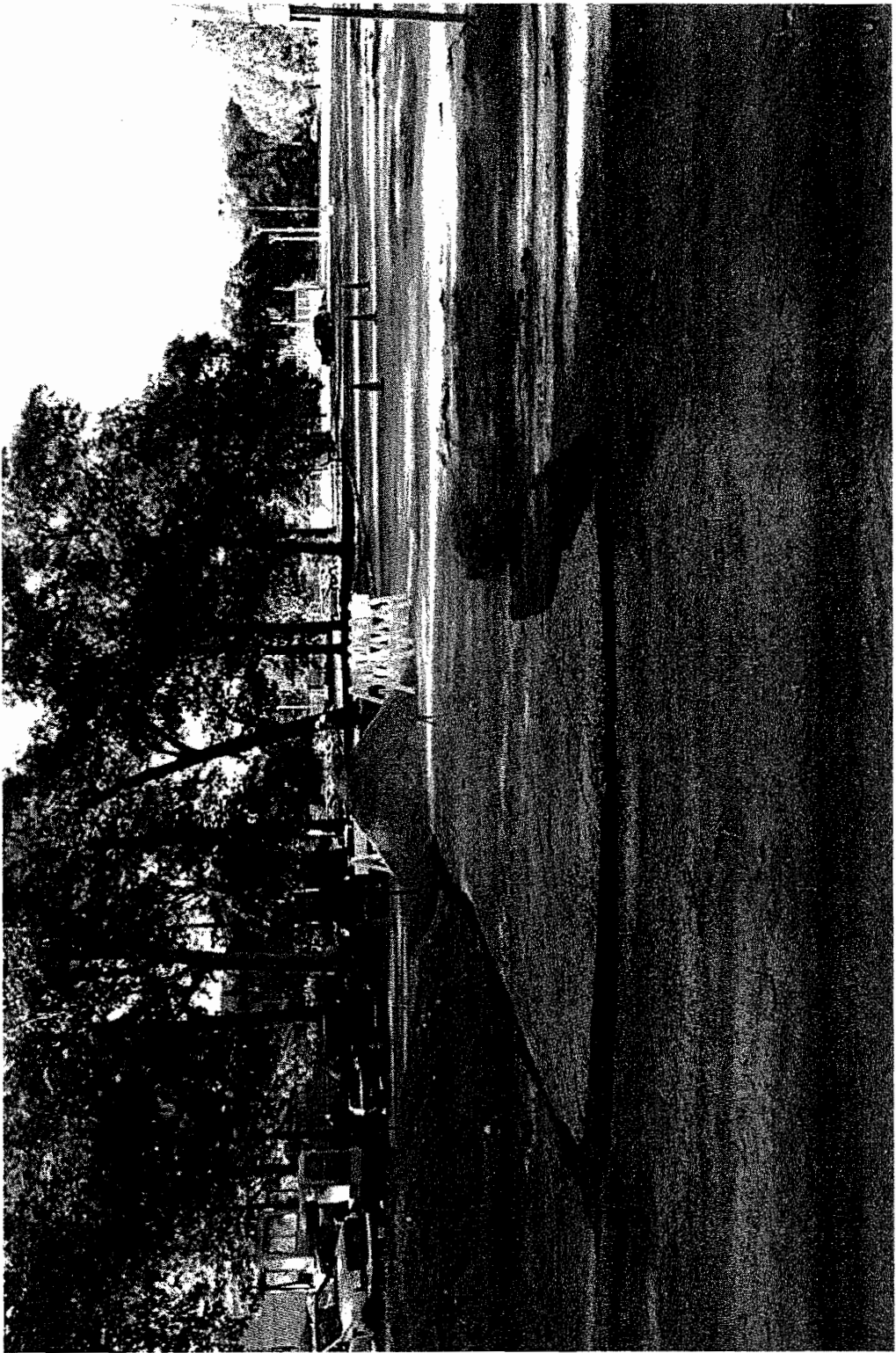
Photograph No.: 60 Date Taken: 09/13/02
Inspector: R. Heling

IPEX 17/103M RIGID PVC CONDUIT 4X4 900 WIRE SCH 80 PVC USE NEC FOR WIRE FILL CONDUIT

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: PVC Conduit 4" detail
Electrical Contractor
Photograph No.: 61 Date Taken: 09/13/02
Inspector: R. Heling



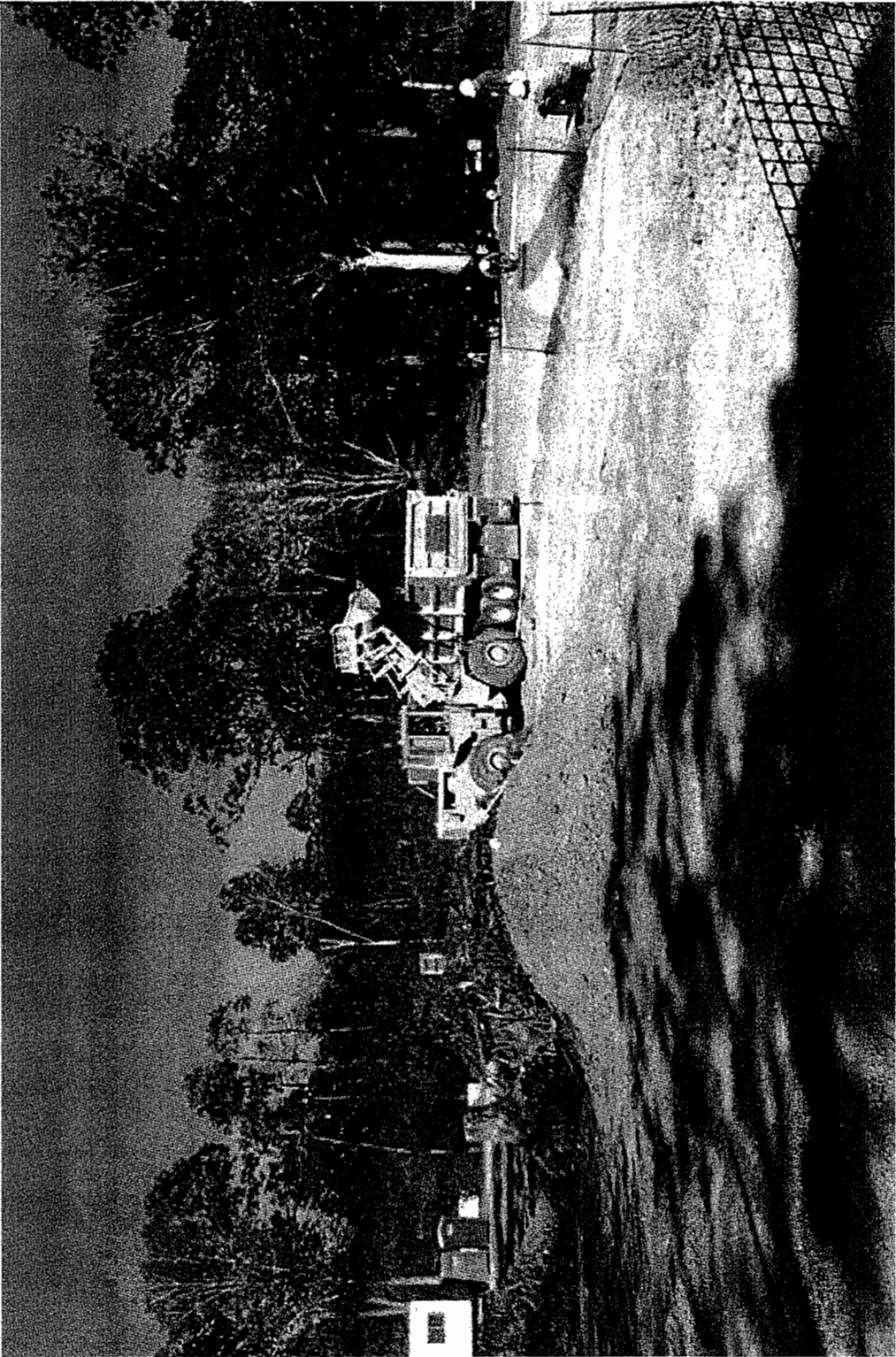
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Overview north side +
transformer pad
Photograph No.: 62 Date Taken: 09/13/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Overview south side
RCA road.
Photograph No.: 63 Date Taken: 09/13/02
Inspector: R. Heling



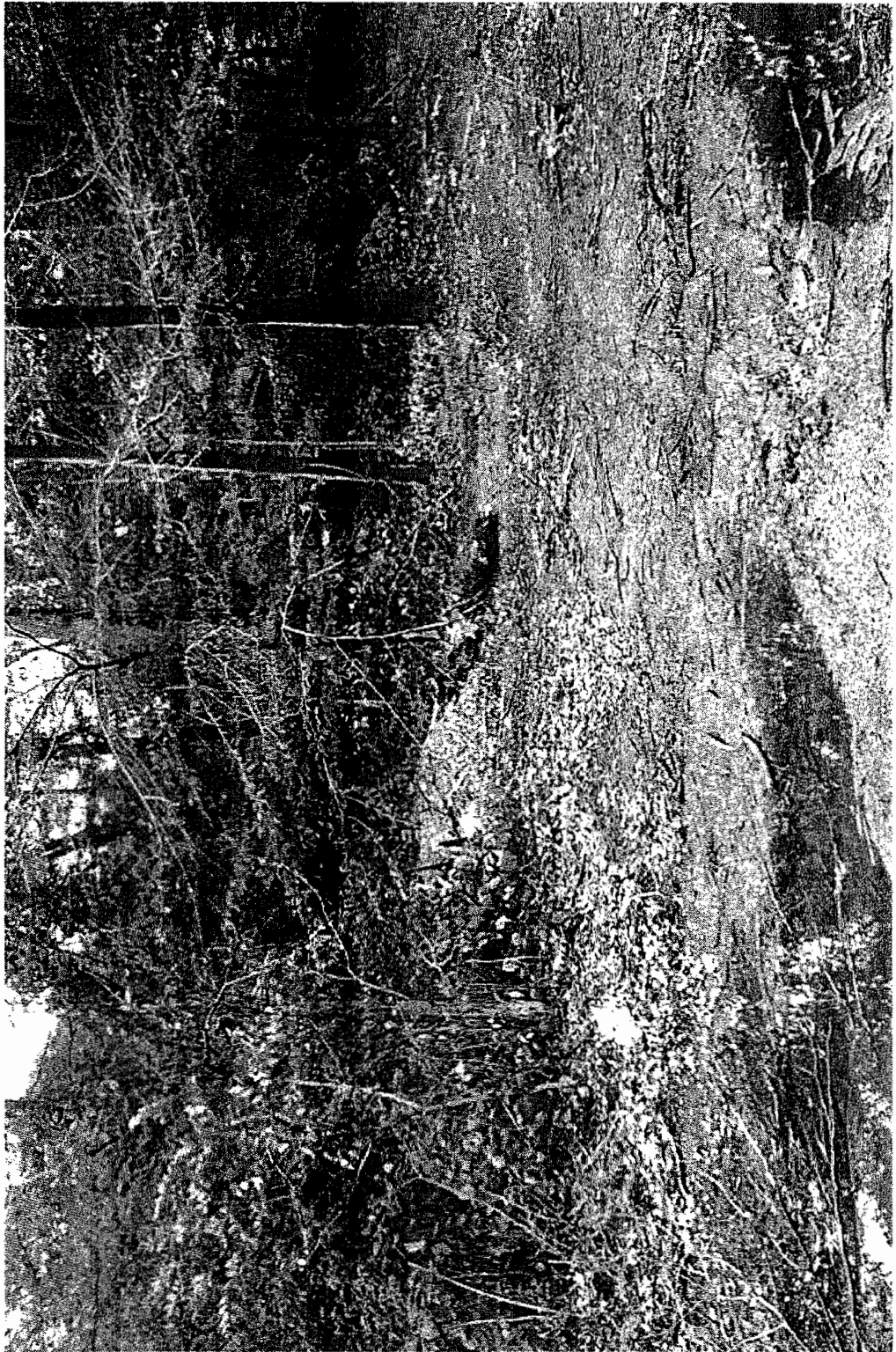
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: loading organic materials
Ridd
Photograph No.: 64 Date Taken: 09/13/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: loading truck with
organic material
Photograph No.: 65 Date Taken: 08/13/02
Inspector: R. Heling



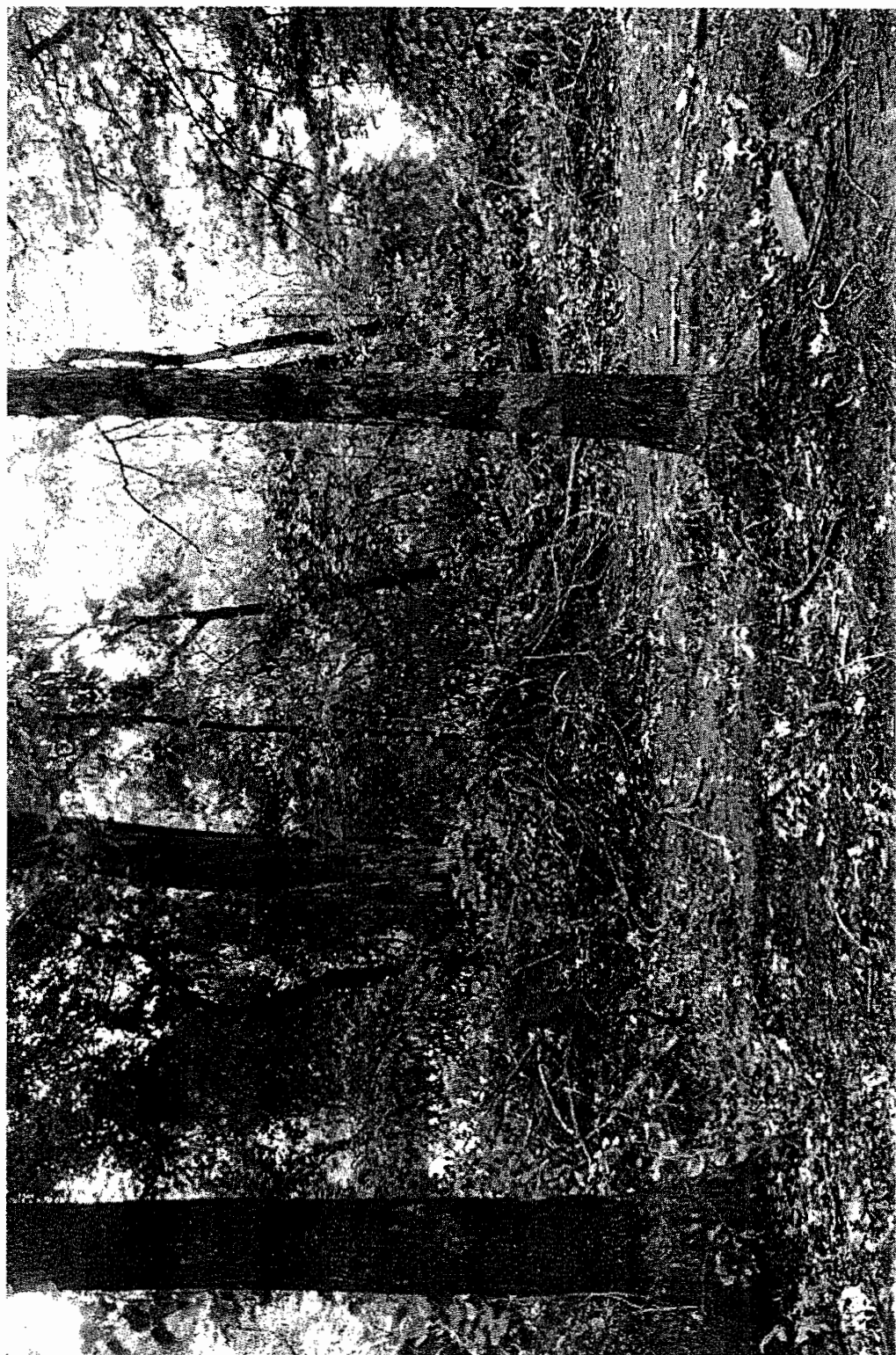
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Overview subgrade prior
parking lot during construction
Photograph No.: 66 Date Taken: 08/16/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview discharge
trench after clearing & grubbing
Photograph No.: 67 Date Taken: 08/16/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Overview discharge
trench after cleaning + grubbing.
Photograph No.: 68 Date Taken: 09/16/02
Inspector: R. Hering



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview after
clearing + grubbing.
Photograph No.: 69 Date Taken: 02/16/02
Inspector: R. Helling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview discharge
trench after cleaning & grubbing.
Photograph No.: 70 Date Taken: 08/16/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview discharge
branch after clearing & grubbing
Photograph No.: 71 Date Taken: 2/11/02
Inspector: P. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview discharge
trench after clearing + grubbing
Photograph No.: 72 Date Taken: 2/16/02
Inspector: R. Hefing



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview after
clearing + grubbing - discharge trench.
Photograph No.: 073 Date Taken: 09/16/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview after clearing
+ grubbing discharge trench.
Photograph No.: 74 Date Taken: 09/16/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview discharge trench
after cleaning + grubbing.
Photograph No.: 75 Date Taken: 09/16/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview discharge trench
after dewatering + grubbing

Photograph No.: 76 Date Taken: 09/16/02

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview west side.
after clearing & grubbing.
Photograph No.: 077 Date Taken: 09/16/02
Inspector: R. Heling.



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 — Contract No: D004264

Description of View: Manhole distribution box
near riser pole

Photograph No.: 78 Date Taken: 09/16/02

Inspector: P. Heling.



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview from manhole
distribution box - west side
Photograph No.: 79 Date Taken: 09/16/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview northside.

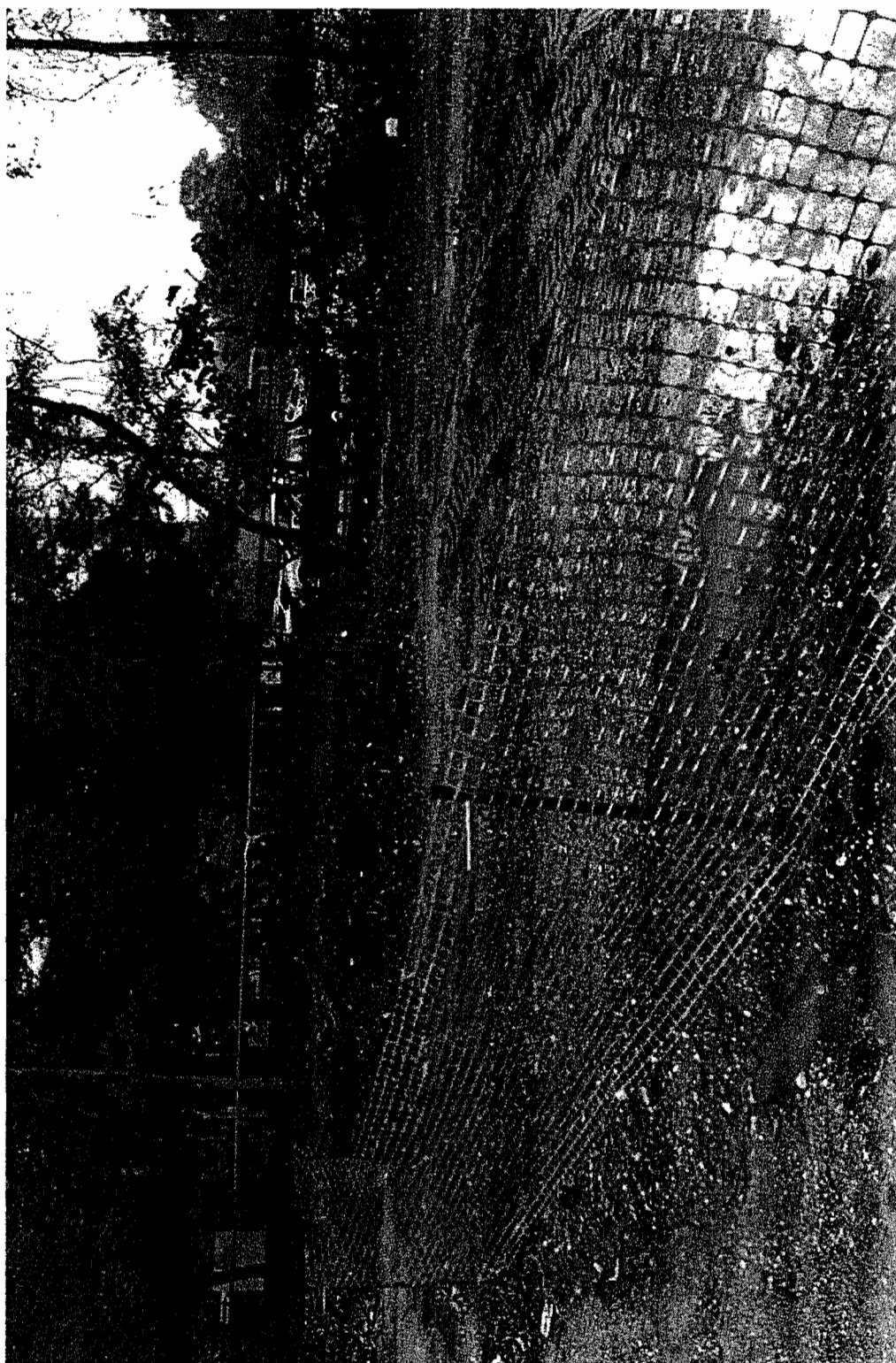
subgrade new parking lot Malley College.

Photograph No.: 80 Date Taken: 09/16/02

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 Contract No: D004264
Description of View: Overview north west side
subgrade, new parking lot Madley College
Photograph No.: 81 Date Taken: 09/16/02
Inspector: R. Helwig



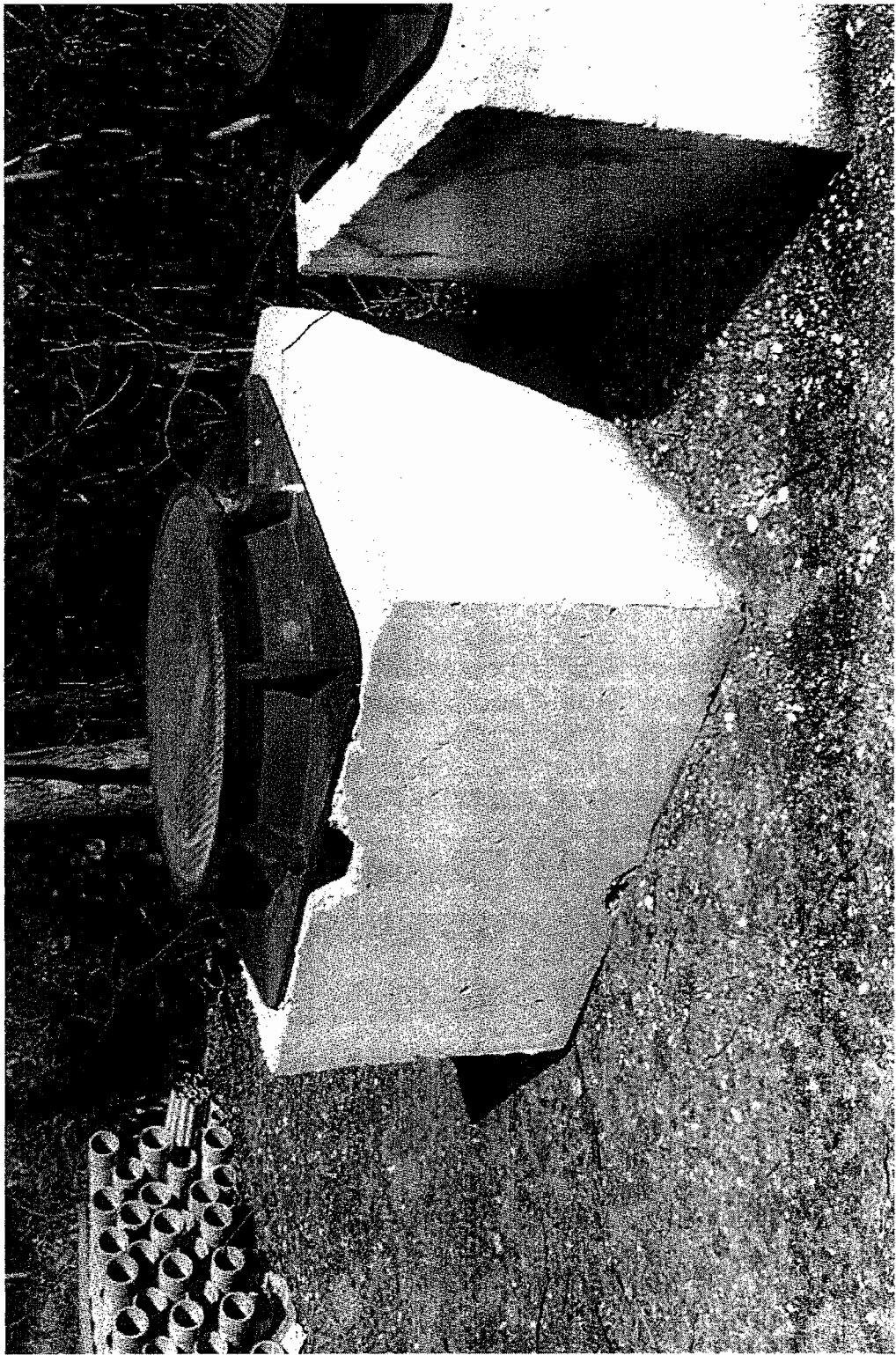
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview west side sub-
grade new parking lot Malley College
Photograph No.: 02 Date Taken: 09/16/02
Inspector: R. Fleming

IPEX

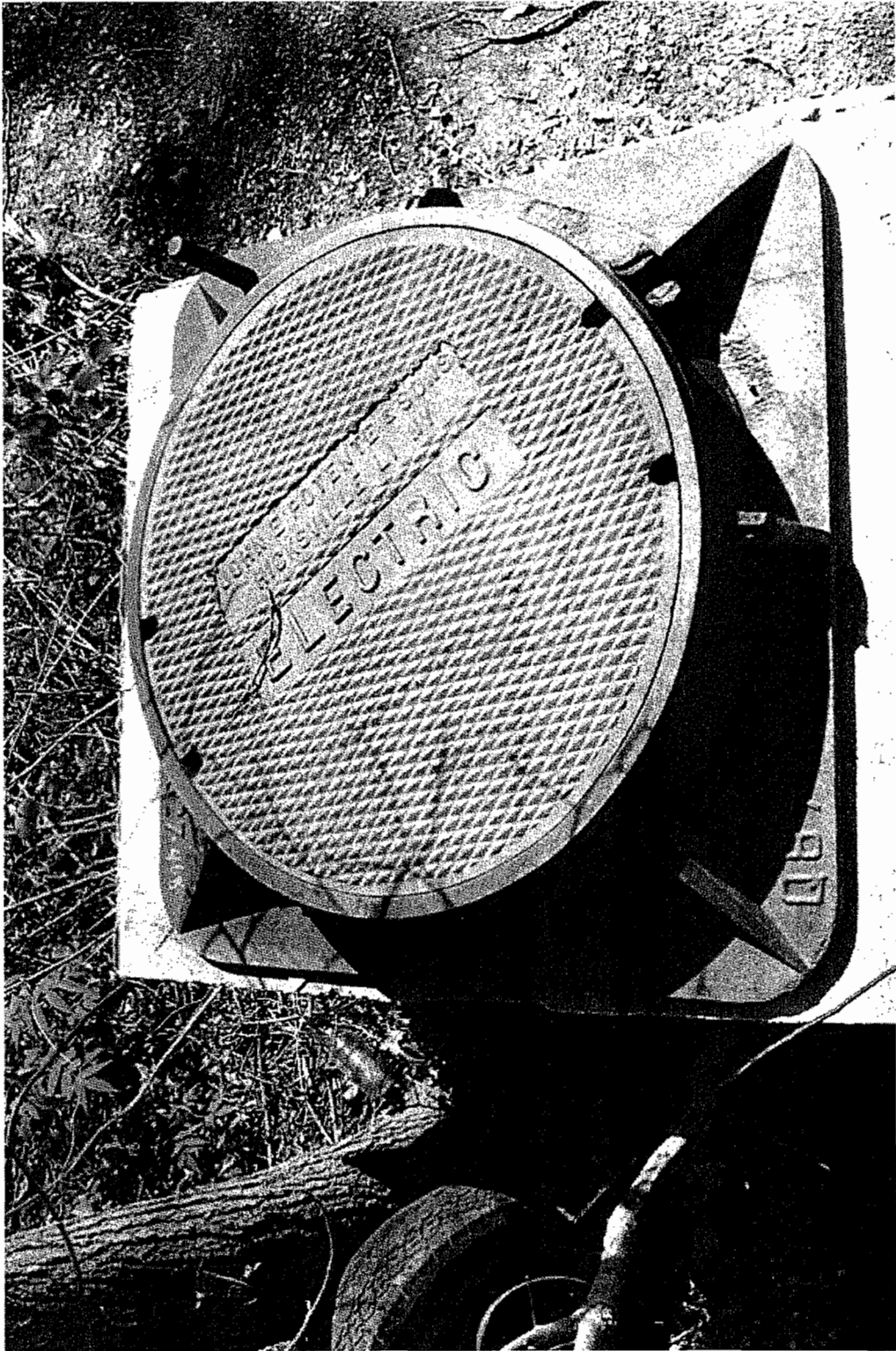
IPEX

DO NOT USE FOR FILL CAPACITY AREA 2 BY 50 IN. BUILT

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: PVC Conduit 2"
Electrical Contractor.
Photograph No.: 83 Date Taken: 9/30/02
Inspector: R. Heling

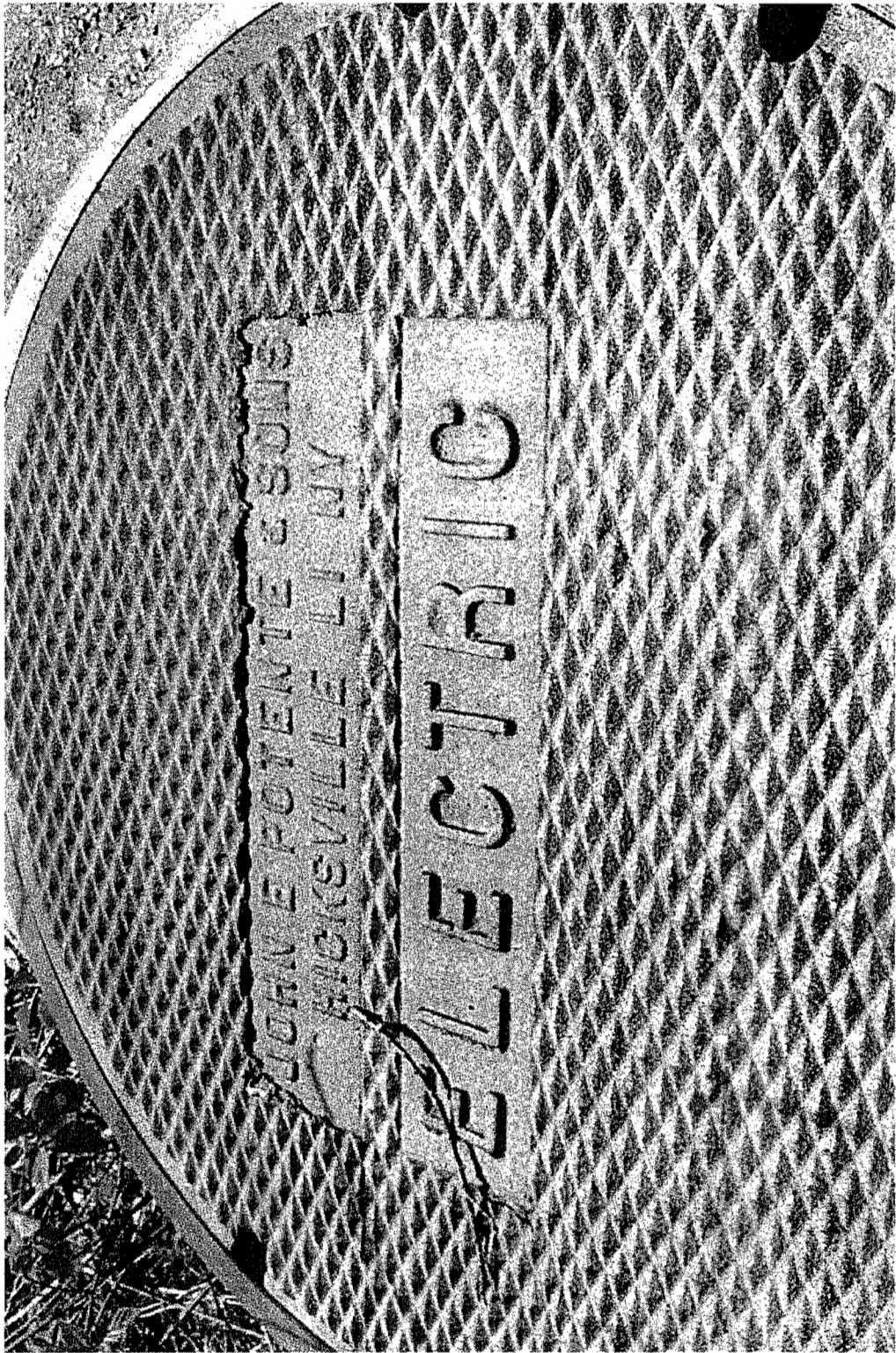


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview manhole
Electrical utility
Photograph No.: 84 Date Taken: 9/30/02
Inspector: R. Helmg

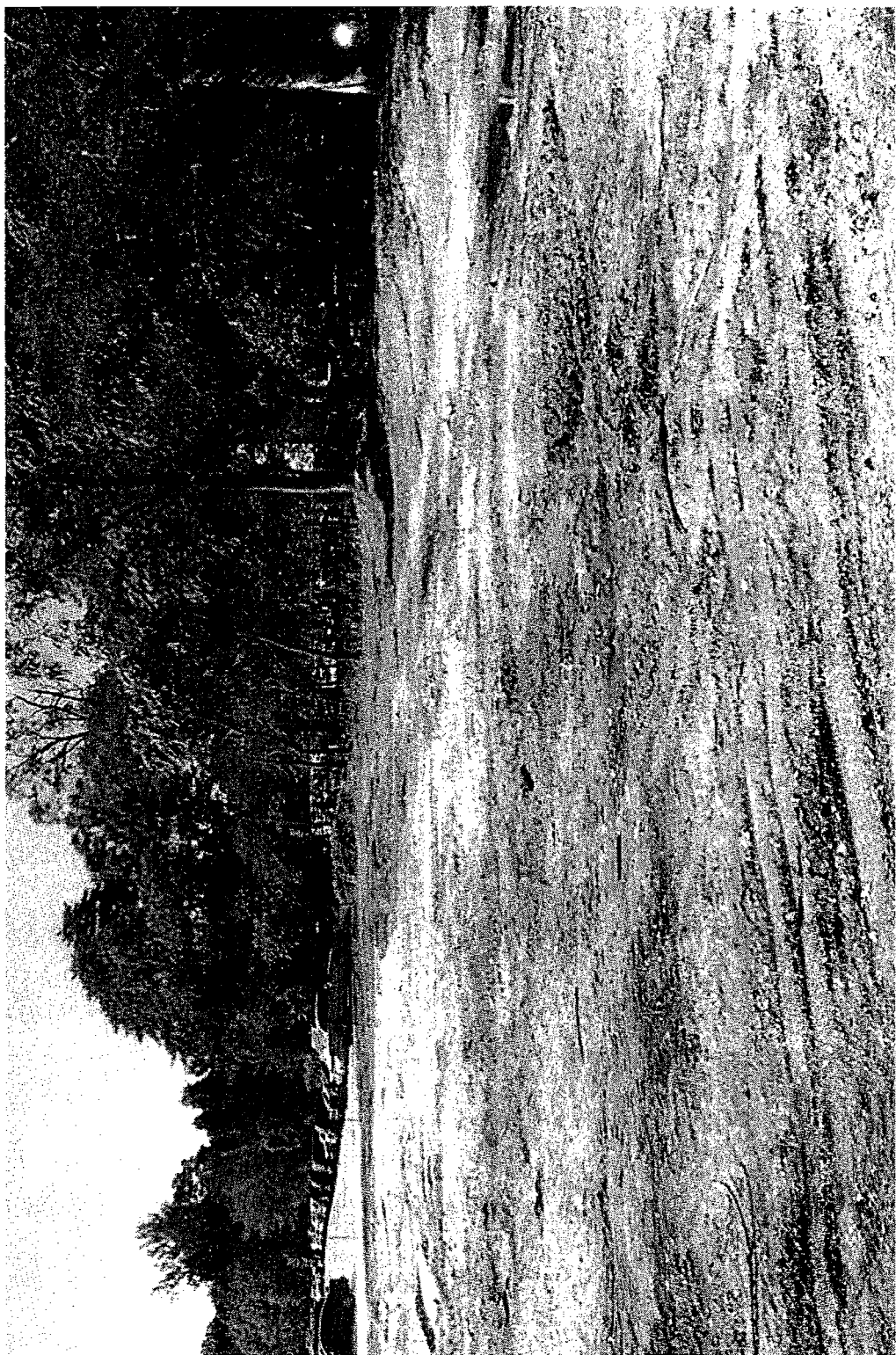


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail cover I

Photograph No.: B5 Date Taken: 9/30/02
Inspector: R. Heling

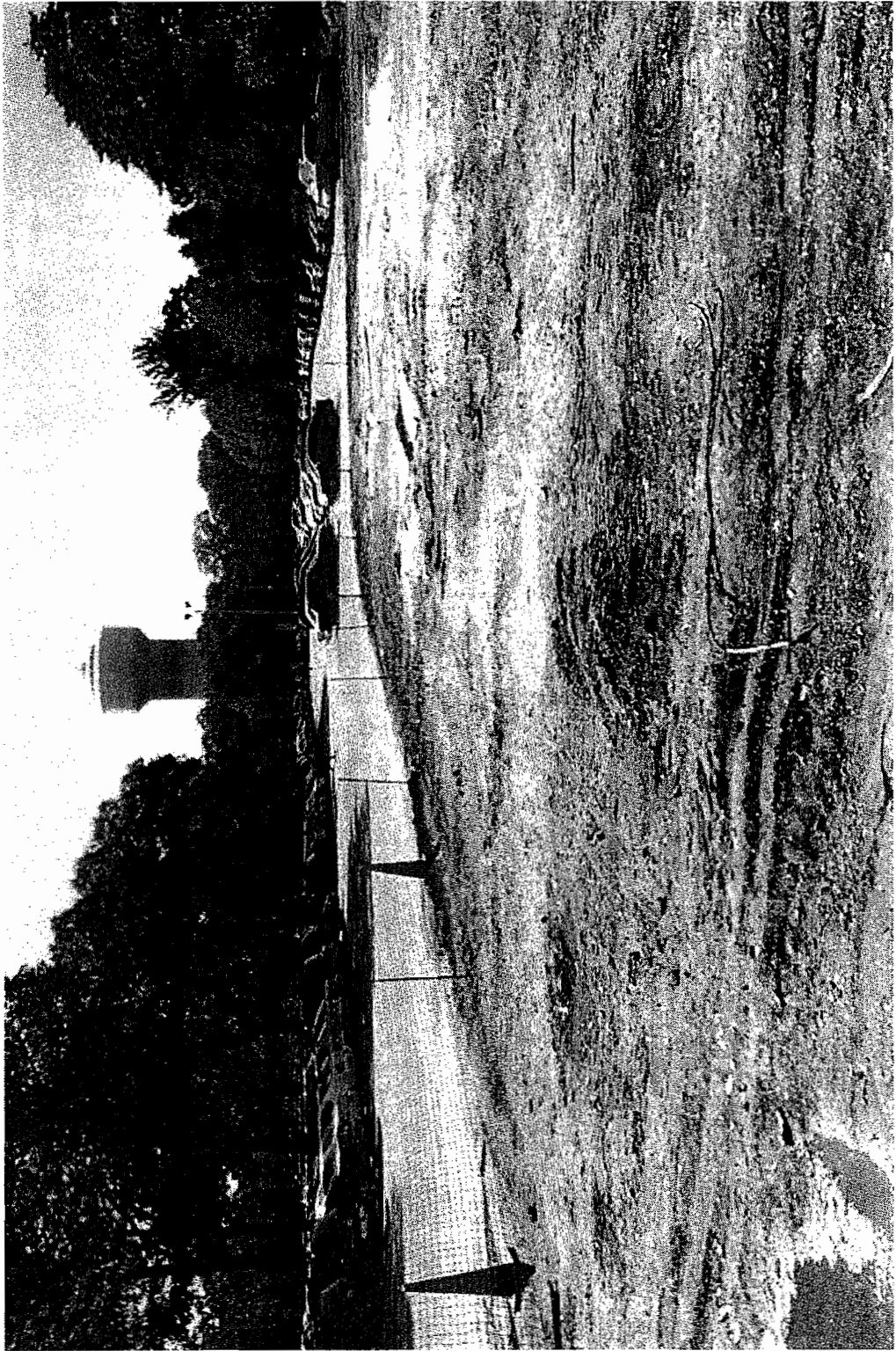


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail cover #
Manhole electrical utility
Photograph No.: 86 Date Taken: 9/30/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview

Photograph No.: 87 Date Taken: 9/30/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview.

Photograph No.: 88 Date Taken: 9/30/02
Inspector: R. Helling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Location near
claywells parking lot Molloy College
Photograph No.: 89 Date Taken: 9/30/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Location new daywell
parking lot Molloy College.

Photograph No.: 90 Date Taken: 9/30/02

Inspector: R. Harding



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview clay well
parking lot Molloy College.
Photograph No.: g1 Date Taken: 9/30/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail cover
Claywell's Molloy College -
Photograph No.: g2 Date Taken: 9/30/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Manholes Franklin Av and
overview from facing to System Building.

Photograph No.: 83 Date Taken: 10/17/02

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: _____

Photograph No.: 94 Date Taken: 10/17/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Detail warning tape

Photograph No.: 95 Date Taken: 10/17/02
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Overview backfilling trench
facing to Franklin Av
Photograph No.: 96 Date Taken: 10/17/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview branch piping
conduits
Photograph No.: 97 Date Taken: 10/18/02
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview from

Photograph No.: 098 Date Taken: 10/20/02
Inspector: B. Holing



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview trench, manholes
closest to System building.
Photograph No.: 99 Date Taken: 10/20/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview Greenh + main hds
closest to System Building
Photograph No.: 100 Date Taken: 10/21/02
Inspector: B. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview bench facing to
System Building

Photograph No.: 101 Date Taken: 10/21/02

Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Over view trench facing
to Franklin Av.

Photograph No.: 102 Date Taken: 10/2/02

Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

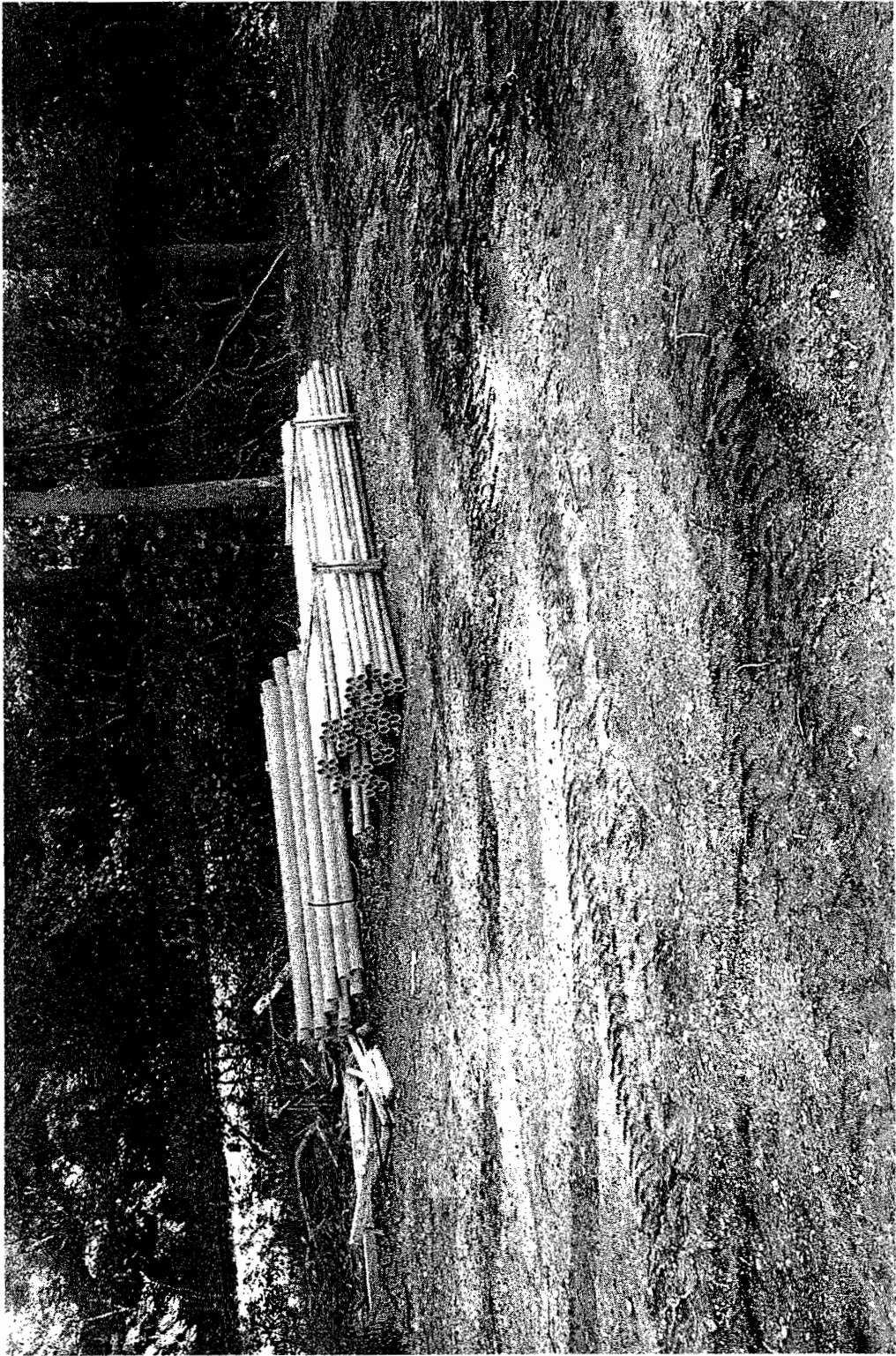
Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Mark ups for
conduits near transformer pad.

Photograph No.: 103 Date Taken: 10/2/02

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Mark ups for
conducts near transformer pad
Photograph No.: 104 Date Taken: 10/21/02
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail conduits
near transformer pad.
Photograph No.: 105 Date Taken: 10/22/02
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

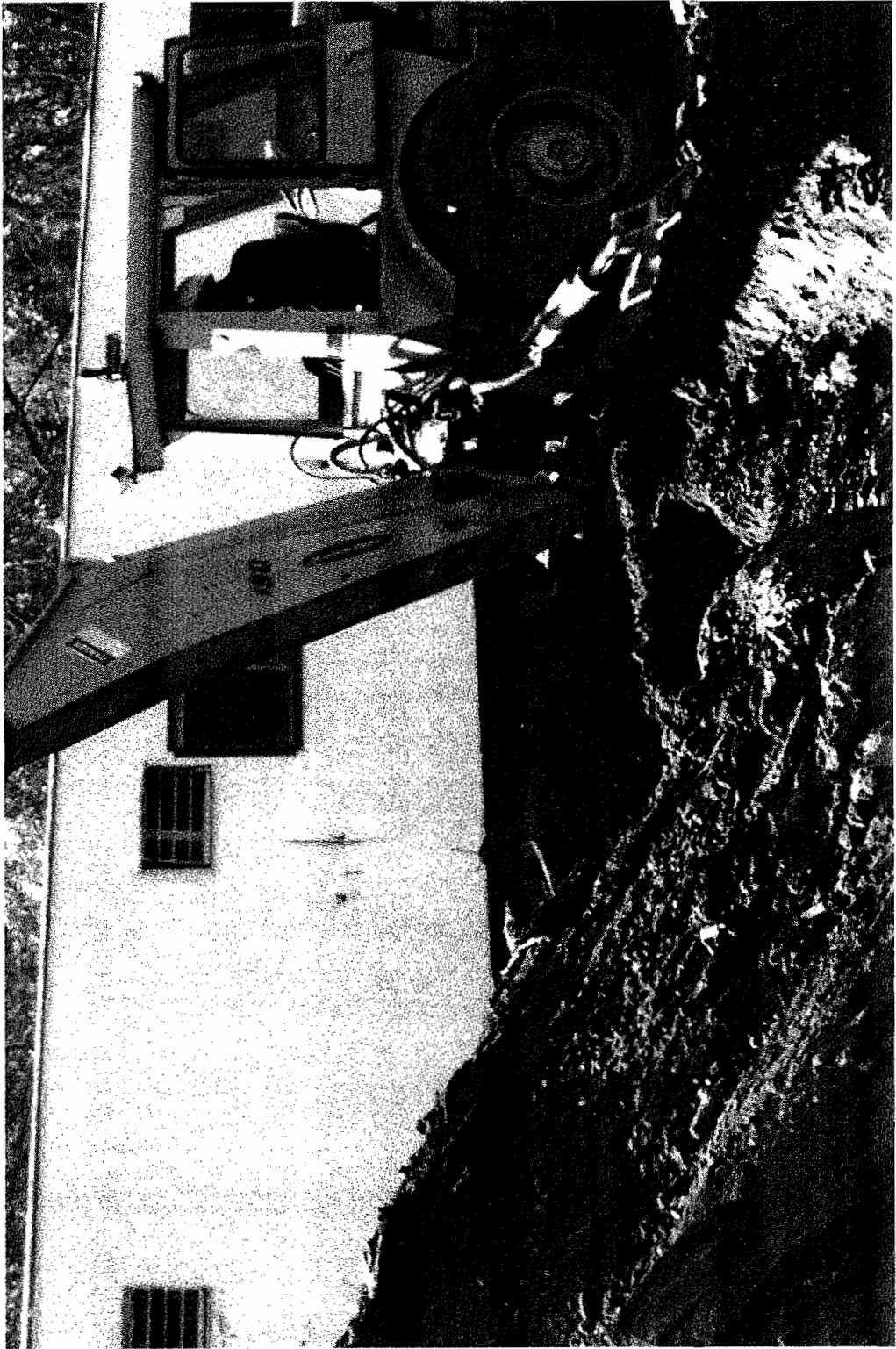
Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview conduits near
transformation pad (facing to trailer)

Photograph No.: 106 Date Taken: 10/22/02

Inspector: R. Heling



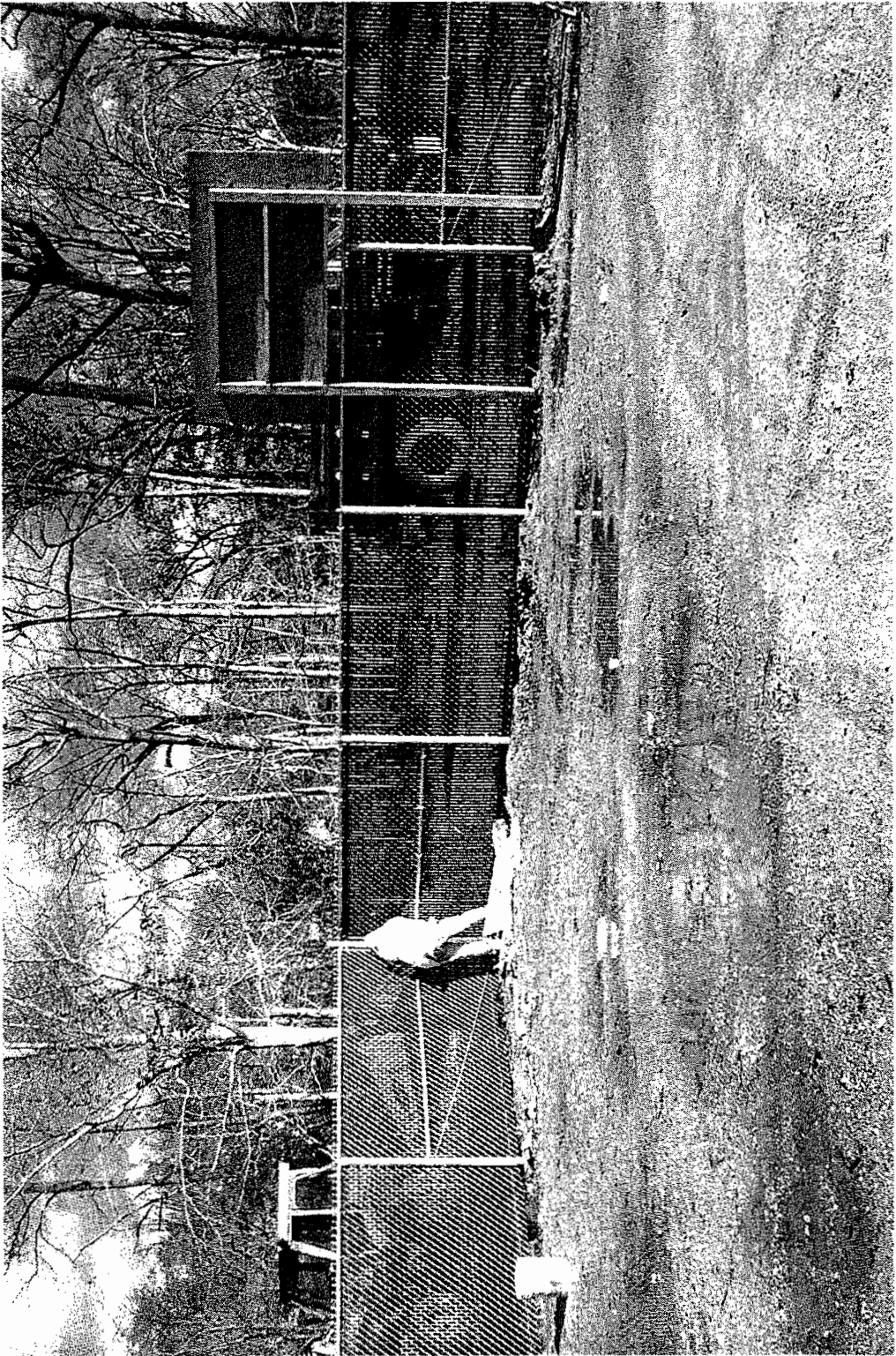
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Trailer hit by backhoe
during excavation
Photograph No.: 107 Date Taken: 10/22/02
Inspector: R. Heling



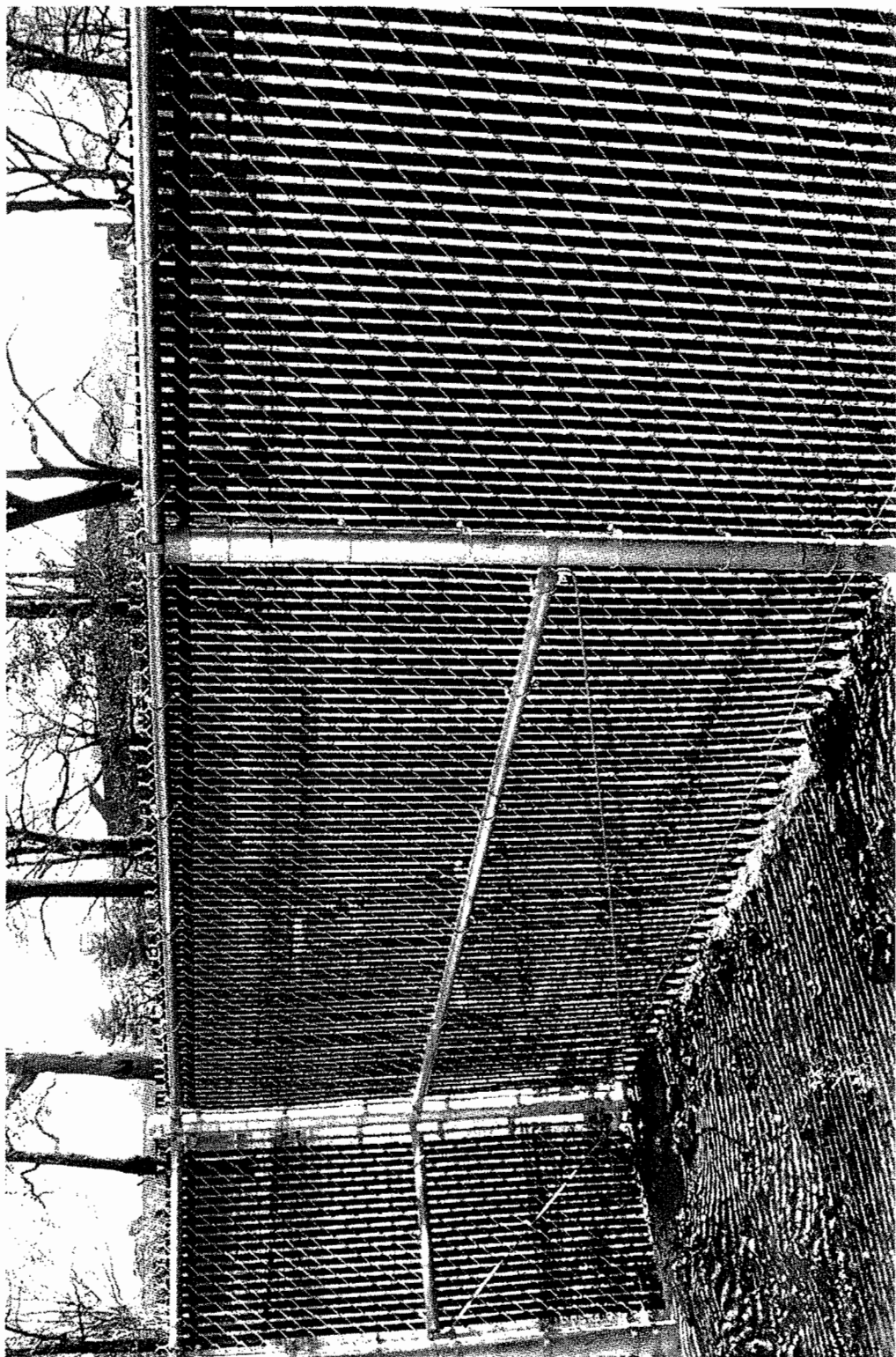
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Conduits 2" for
temporary facility trailer
Photograph No.: 108 Date Taken: 10/22/02
Inspector: R. Heling



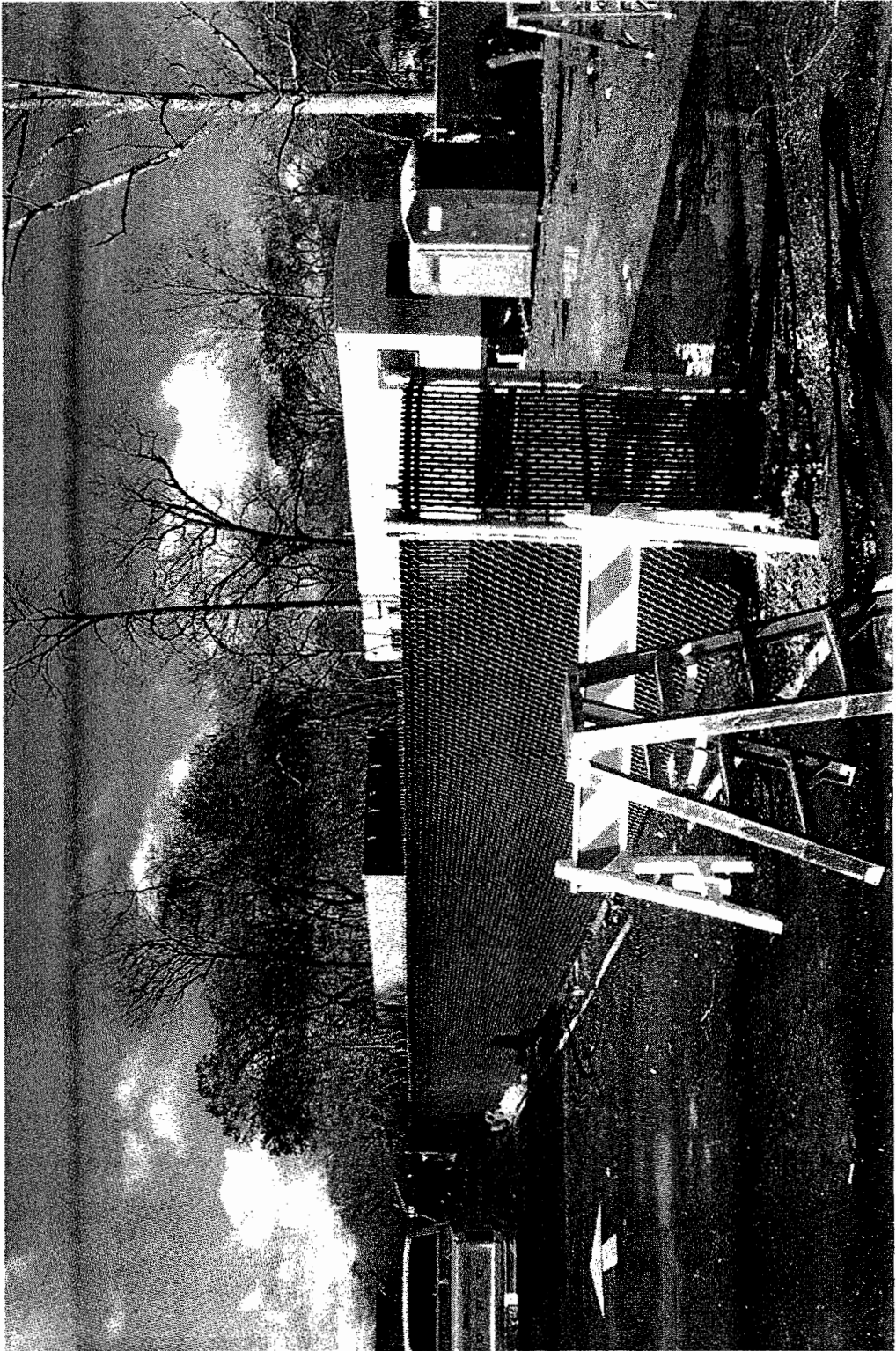
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail privacy slats
- staging/trailer area
Photograph No.: 109 Date Taken: 11/29/02
Inspector: B. Helwig



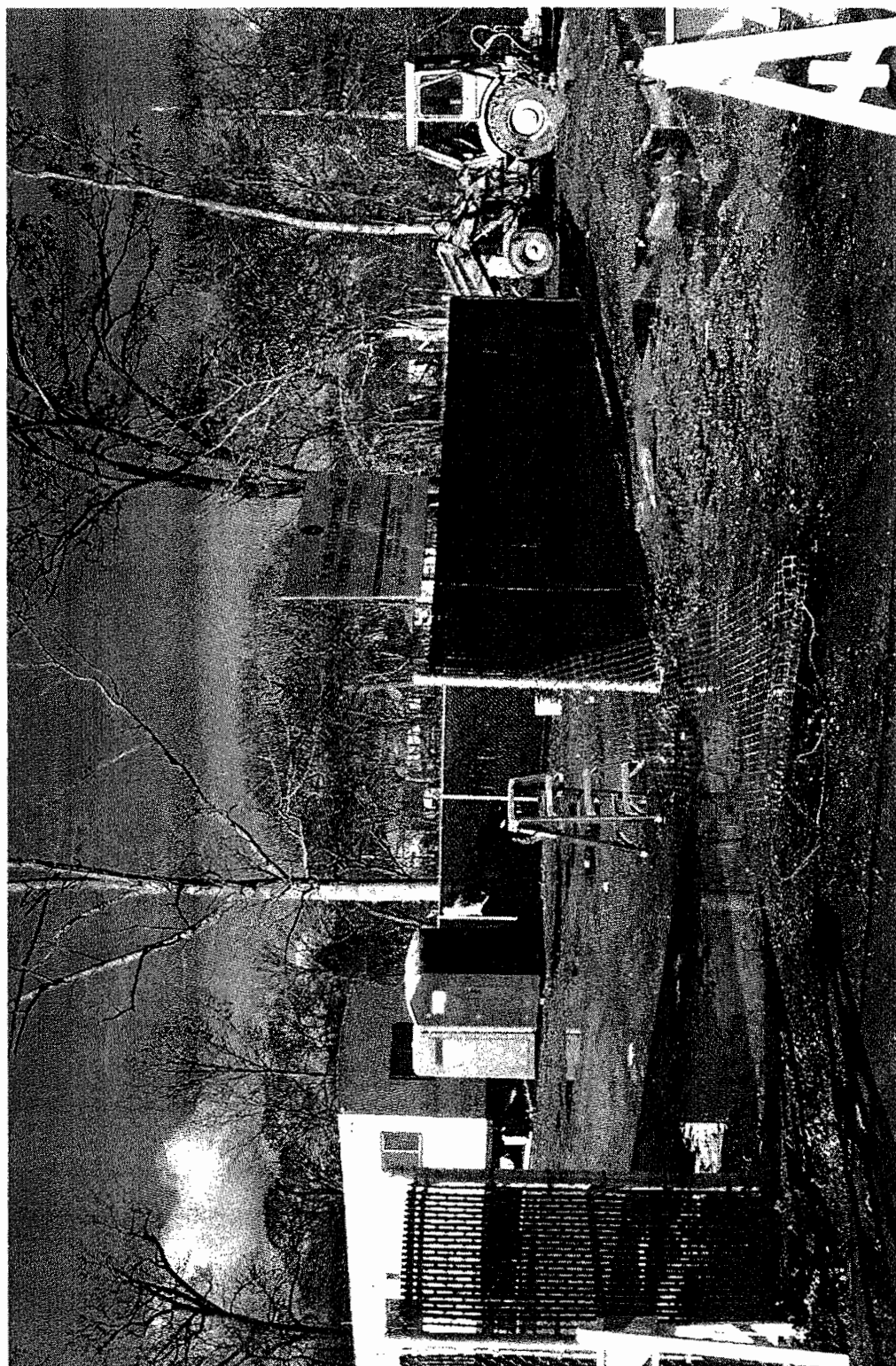
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview fencing from
inside staging area
Photograph No.: 110 Date Taken: 11/3/02
Inspector: R. Helwig



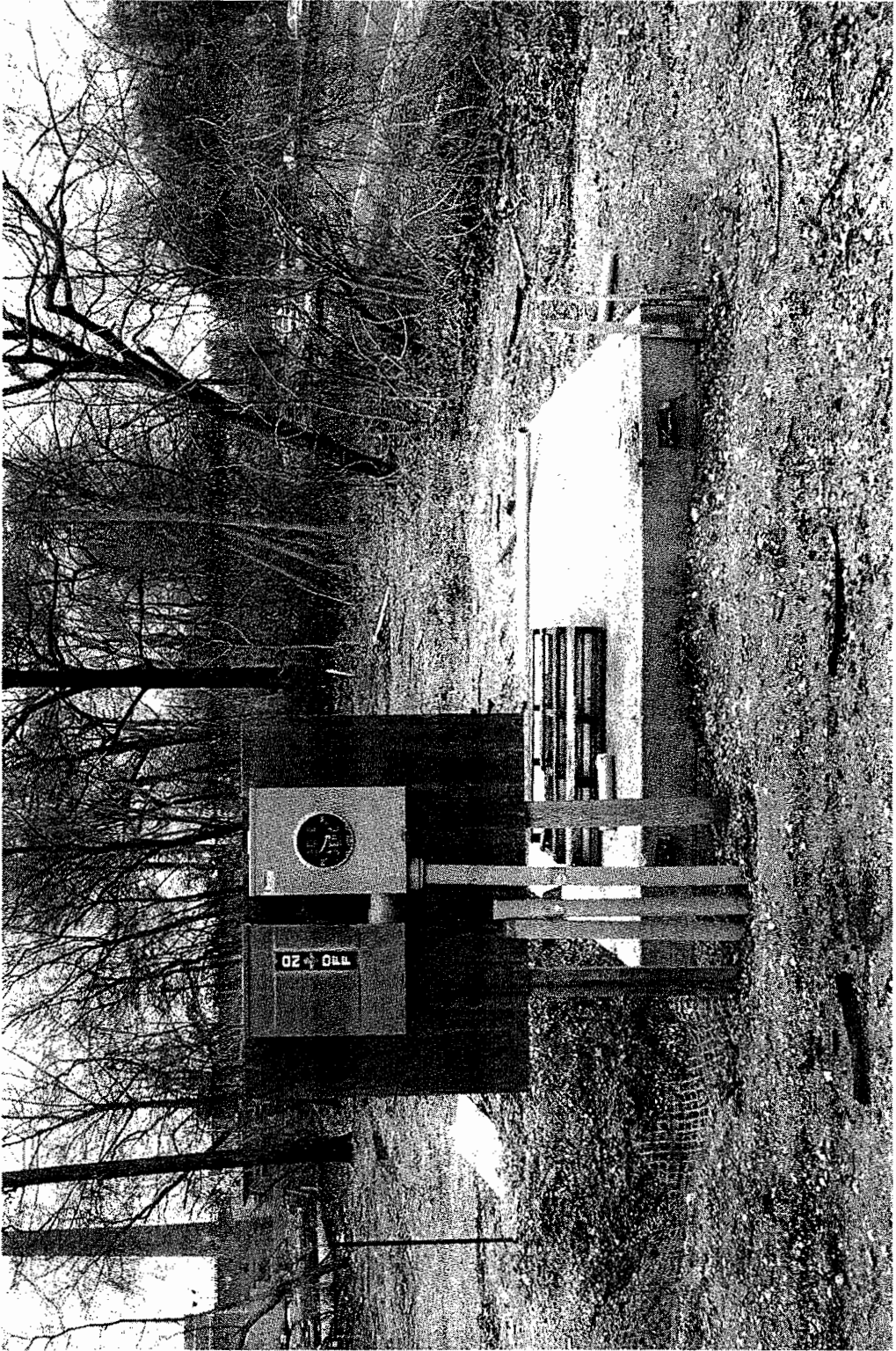
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Detail corner next to
gate from inside staging area.
Photograph No.: 111 Date Taken: 11/27/02
Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview showing
slaying area from outside.
Photograph No.: 112 Date Taken: 11/27/02
Inspector: R. Helwig



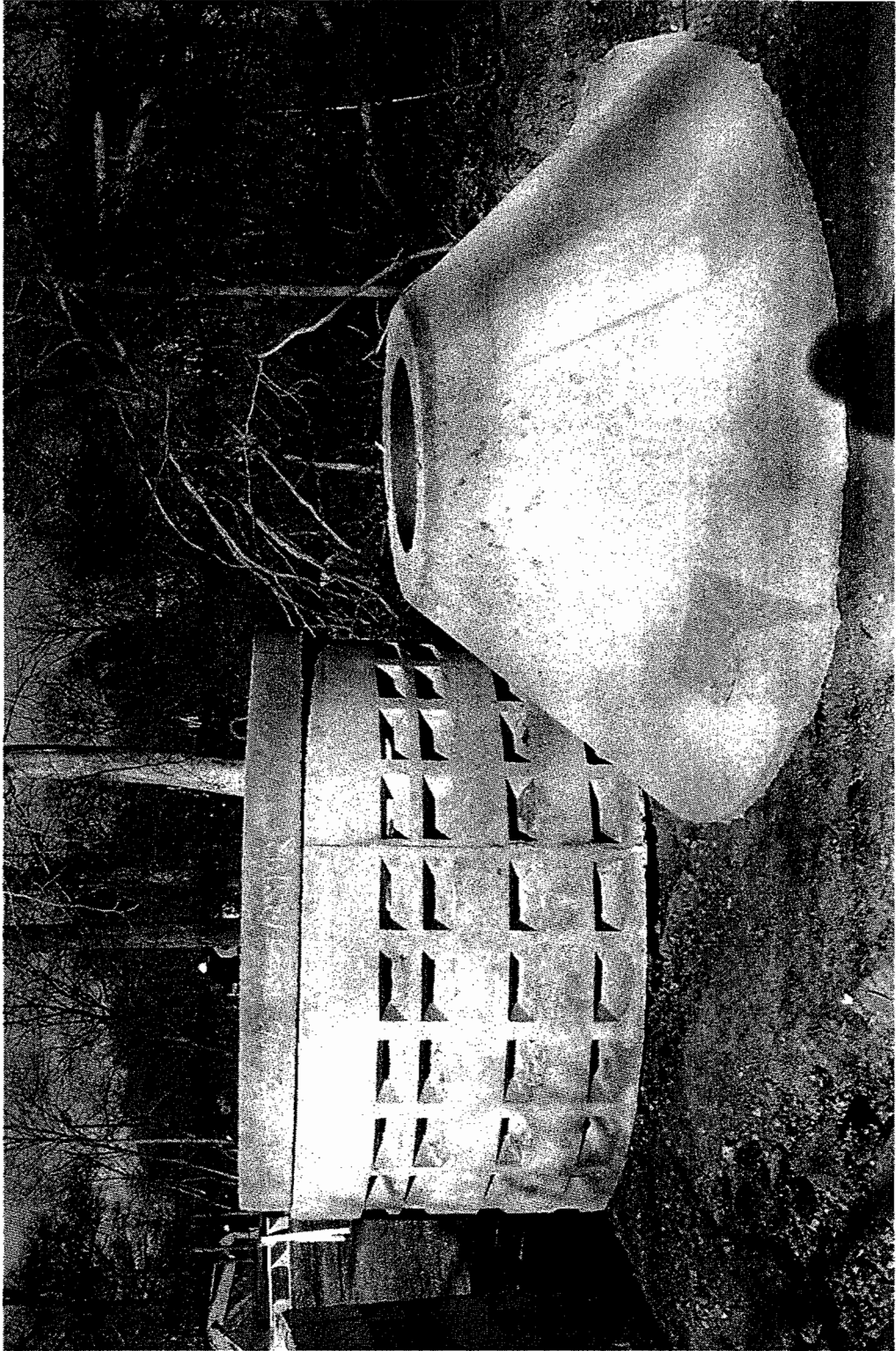
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview gate posts +
fencing from outside
Photograph No.: 113 Date Taken: 11/27/02
Inspector: R. Helling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview temporary
electrical facility
Photograph No.: 114 Date Taken: 01/02/03
Inspector: R. Heling



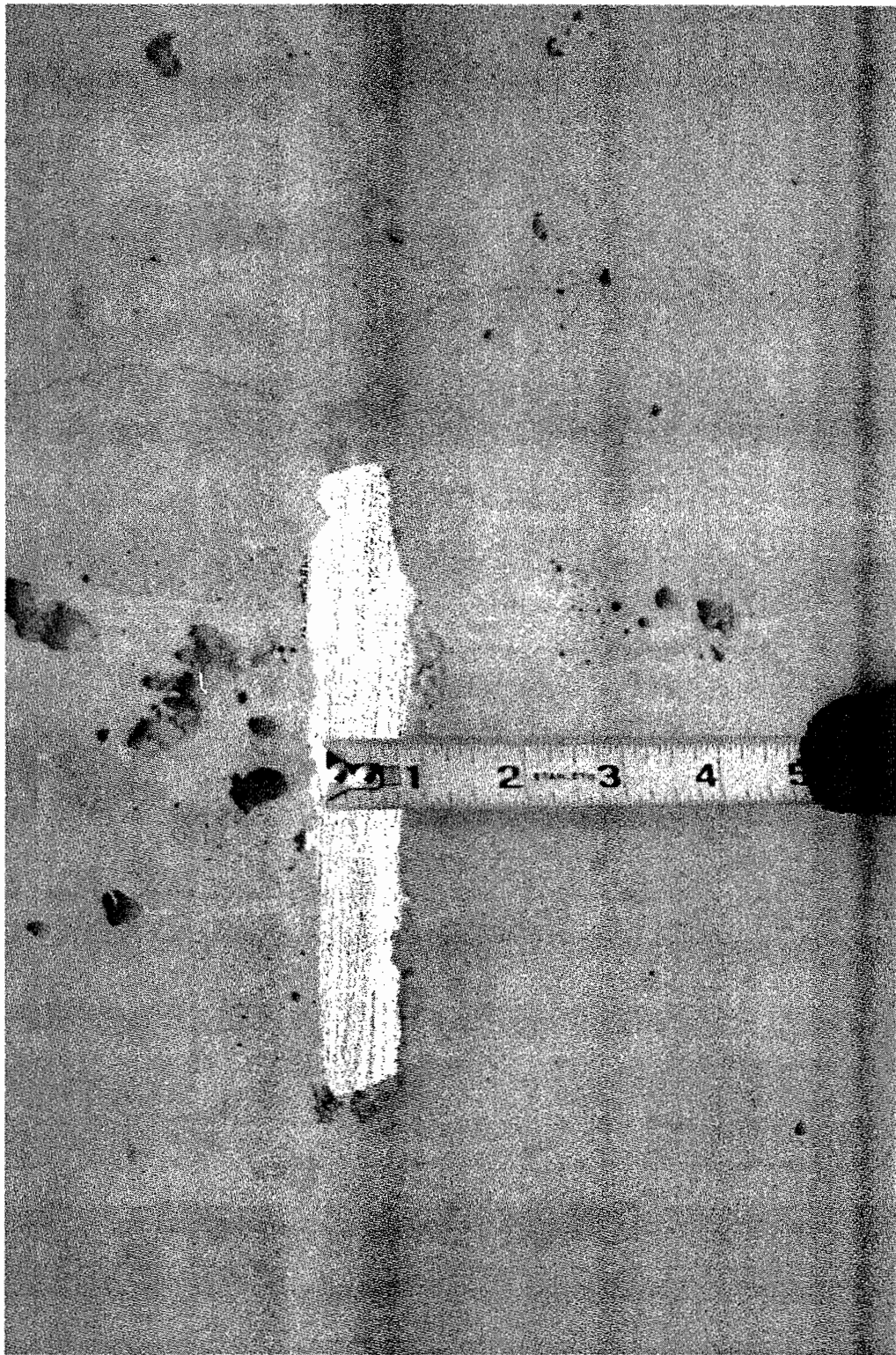
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview temporary
electricity facility - details grounding
Photograph No.: 115 Date Taken: 01/02/03
Inspector: R. Holing



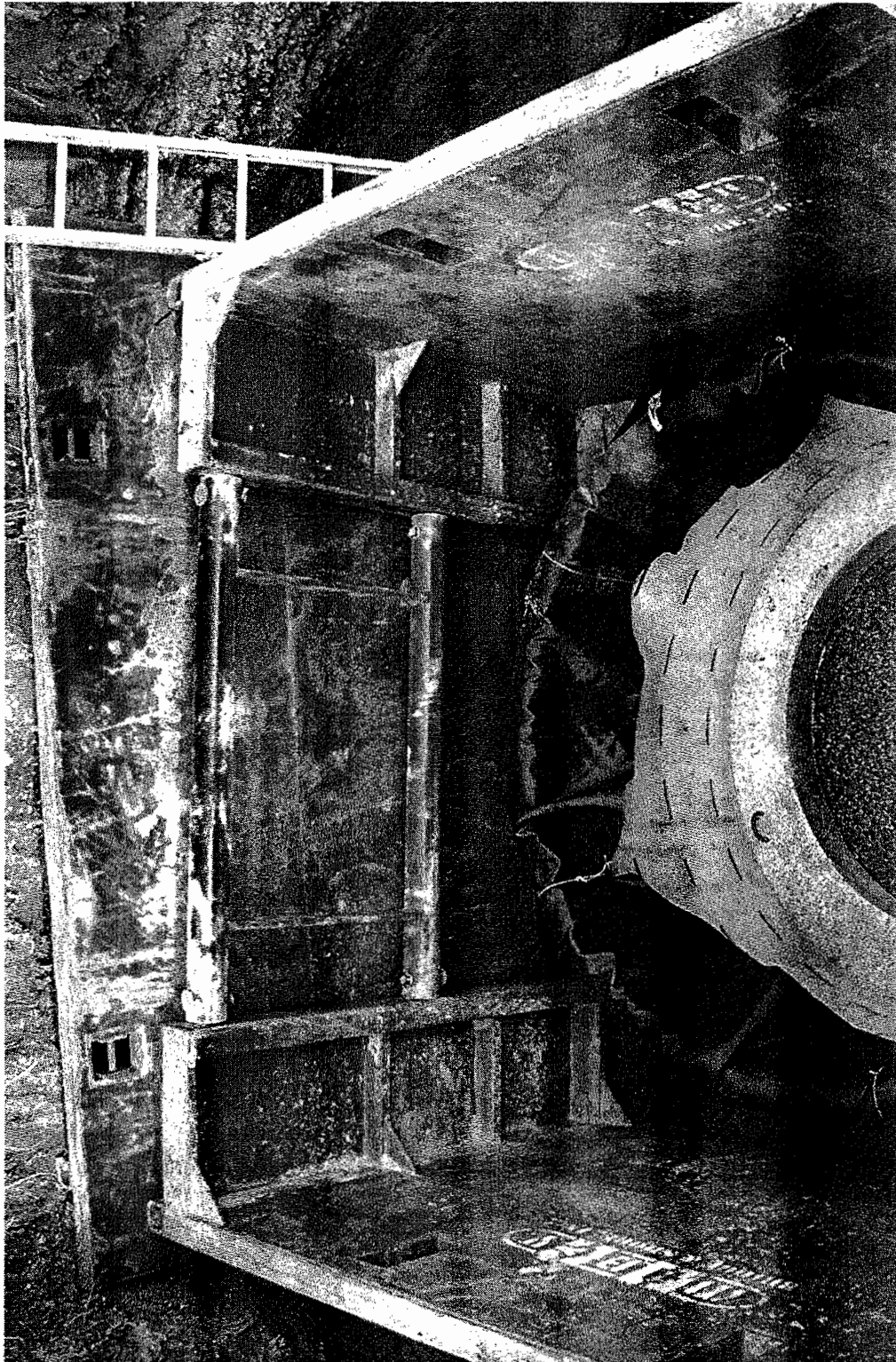
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Dry well ring
base plate and dome.
Photograph No.: 116 Date Taken: 11/6/03
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail pea gravel
for backfilling Dry Well.
Photograph No.: 117 Date Taken: 11/6/03
Inspector: B. Helwig

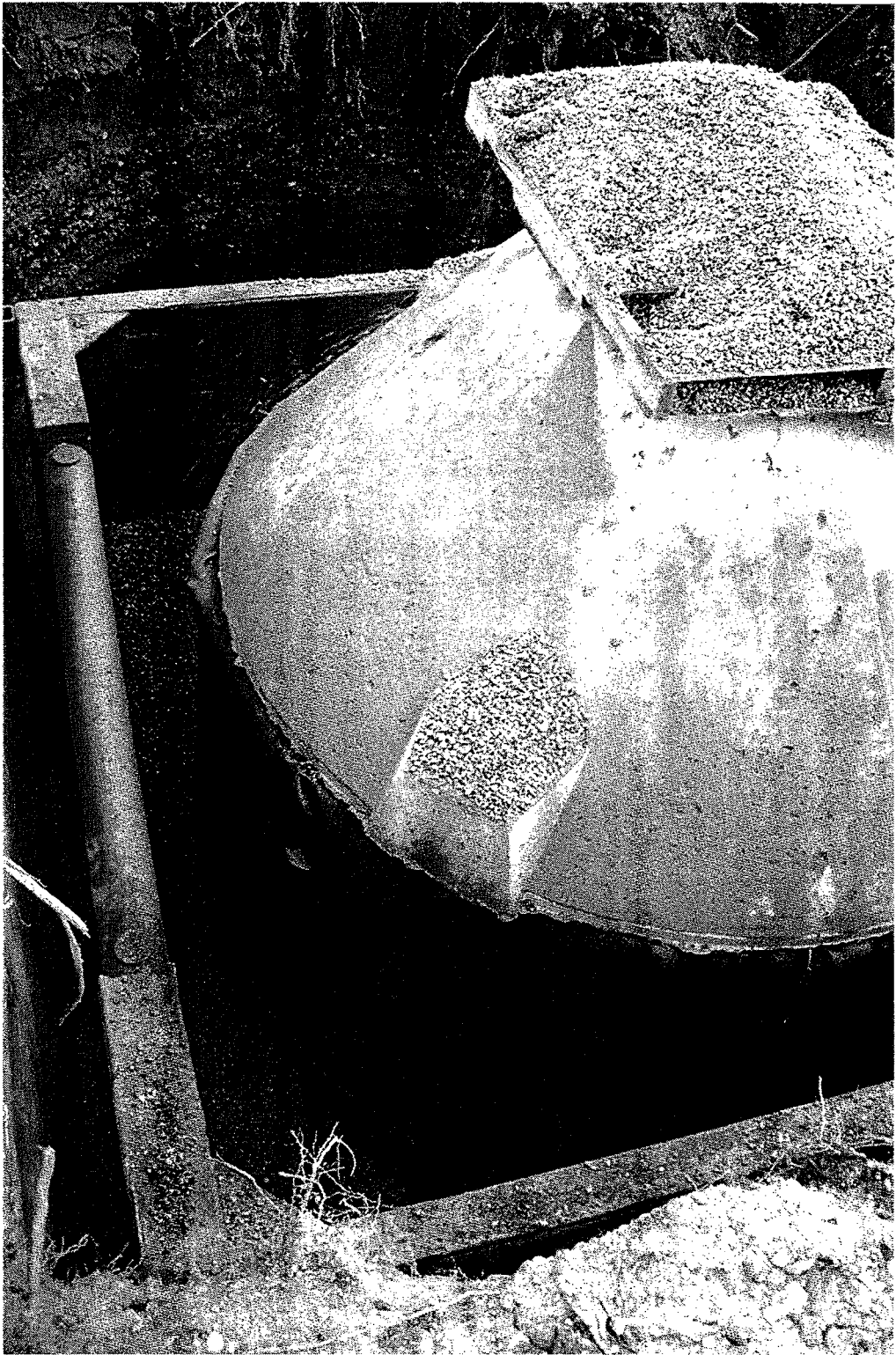


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail opening Day
Well from inside.
Photograph No: 118 Date Taken: 11/6/03
Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview Dry Well.

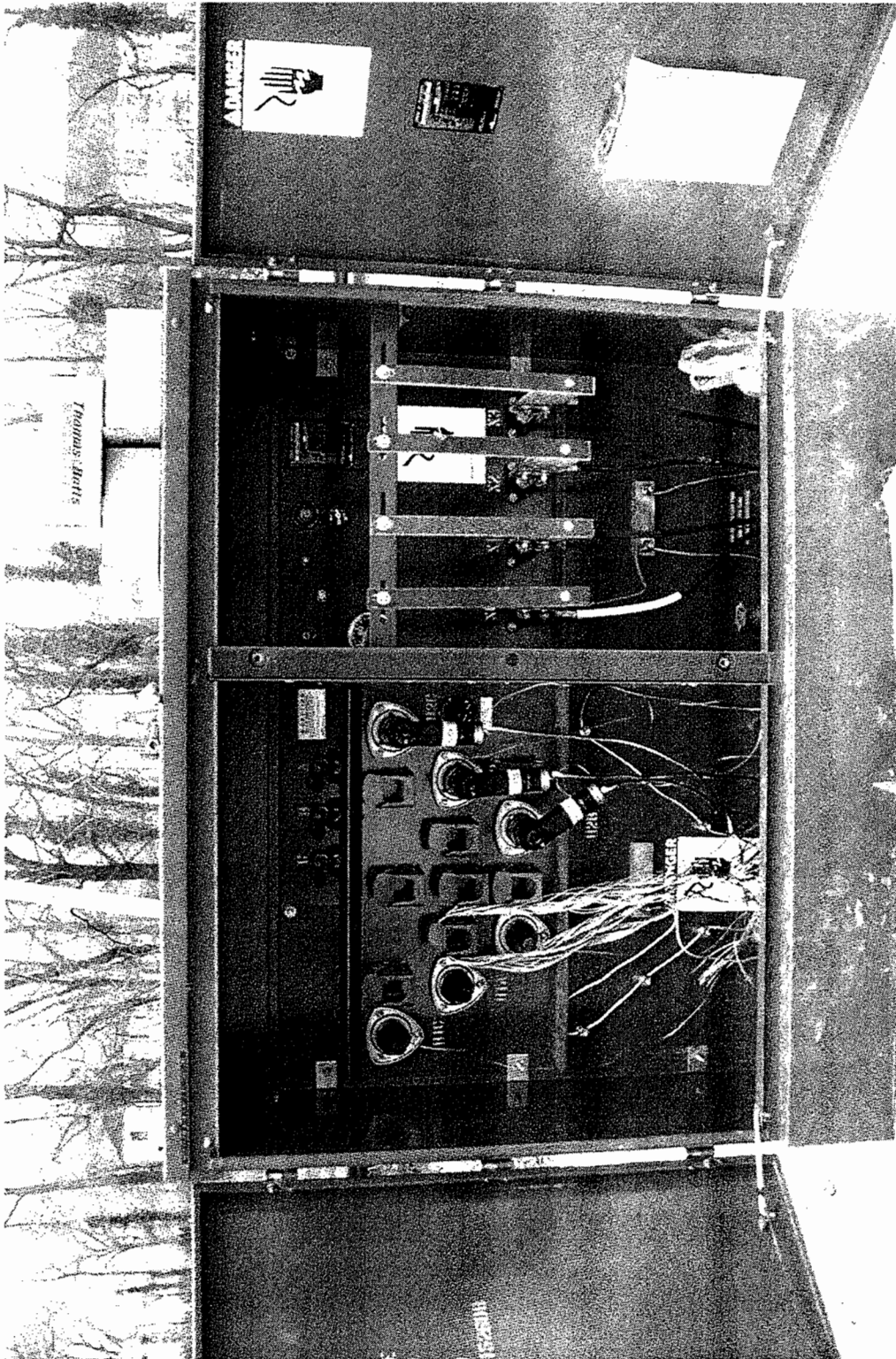
Photograph No.: 119 Date Taken: 11/6/03
Inspector: B. Hedberg



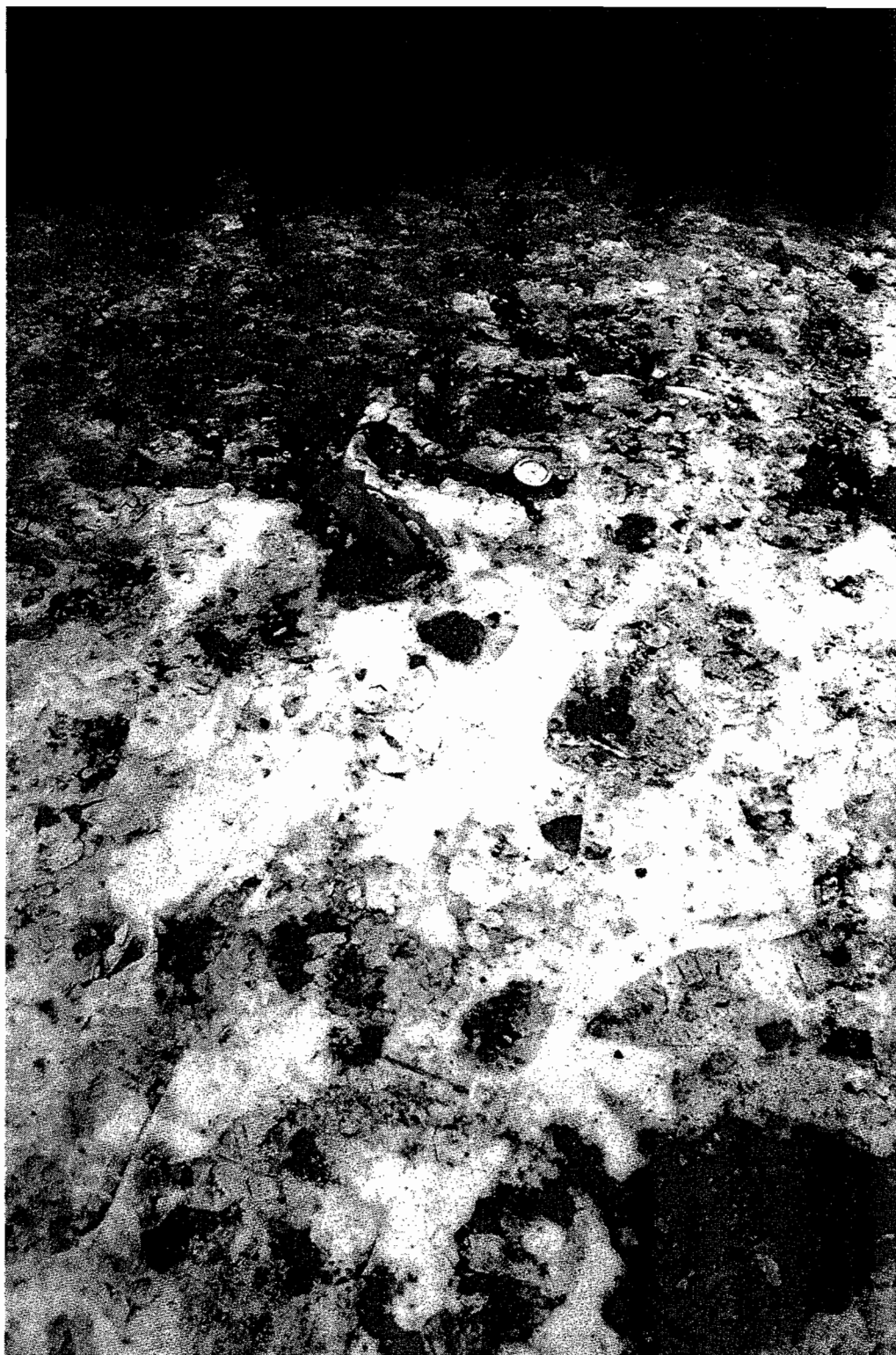
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview Dry Well
during backfilling
Photograph No.: 120 Date Taken: 1/16/03
Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Drill rig for fence
posts on Bob cat
Photograph No.: 121 Date Taken: 21/31/03
Inspector: R. Hehling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Interior of transformer
pad.
Photograph No.: 122 Date Taken: 01/31/03
Inspector: B. Heling



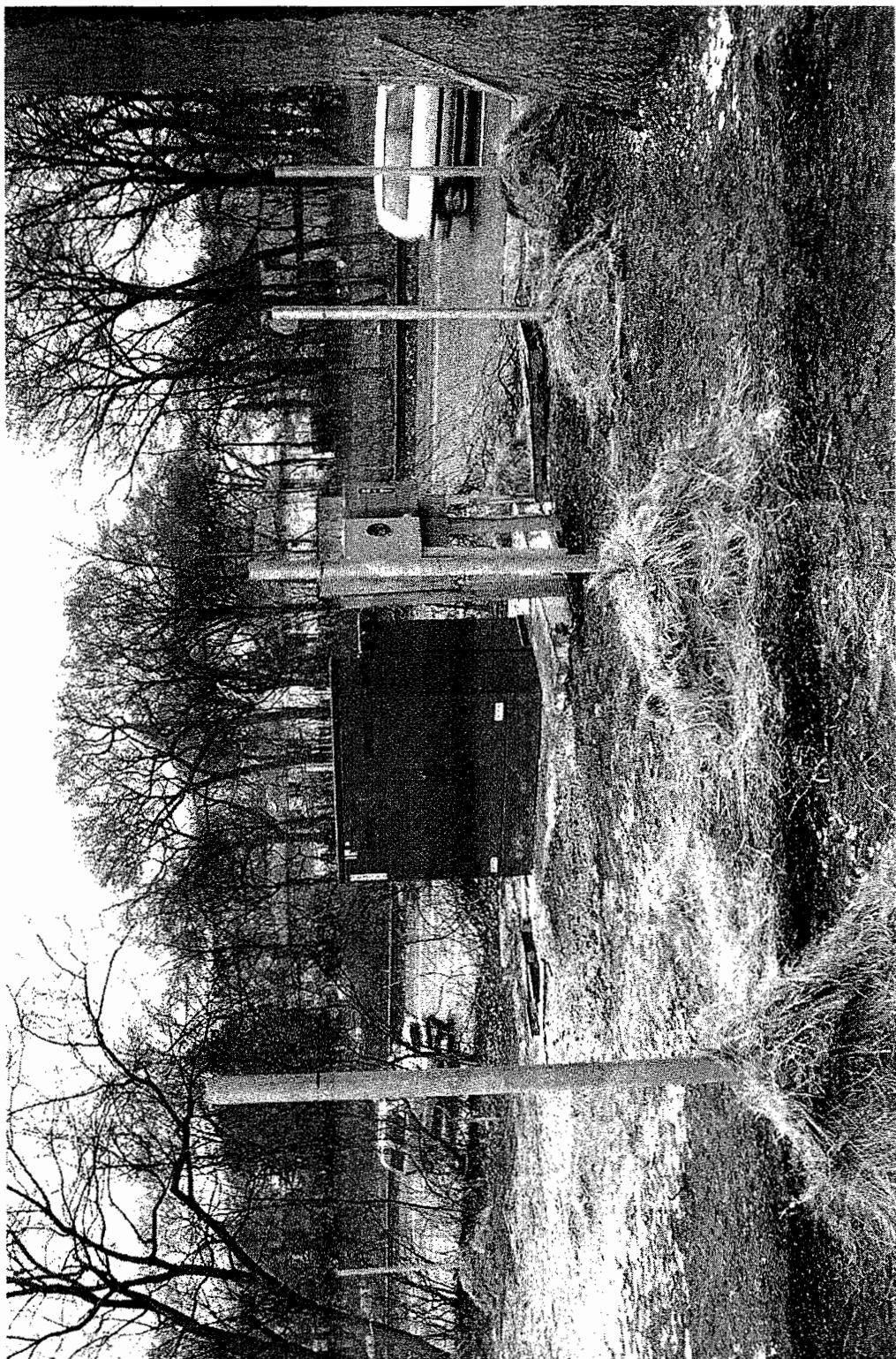
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Damaged slabs
SE corner building
Photograph No.: 123 Date Taken: 01/31/03
Inspector: P. Heling



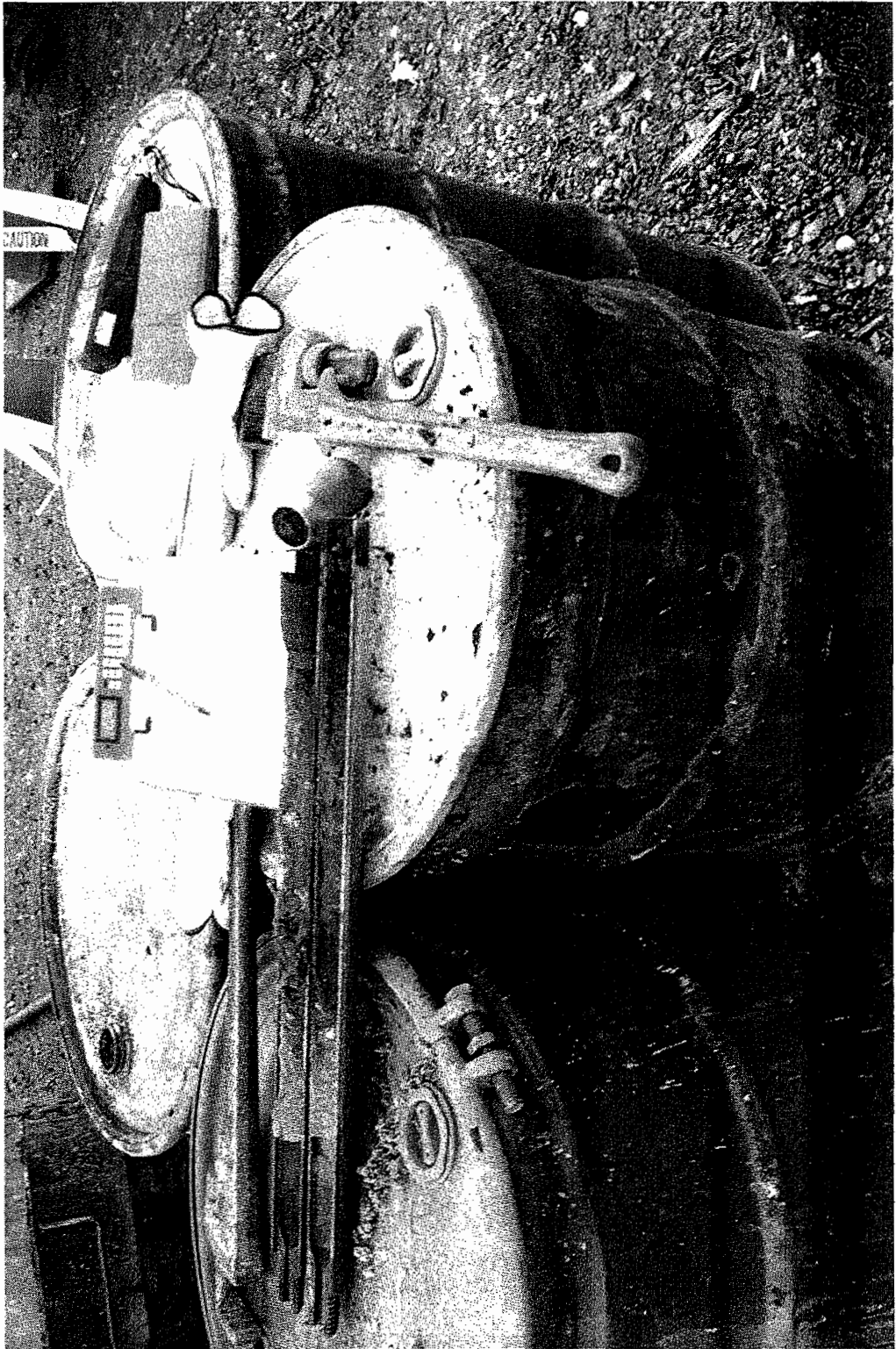
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Damaged stone SW
corner building
Photograph No.: 124 Date Taken: 01/03/03
Inspector: R. Helwig



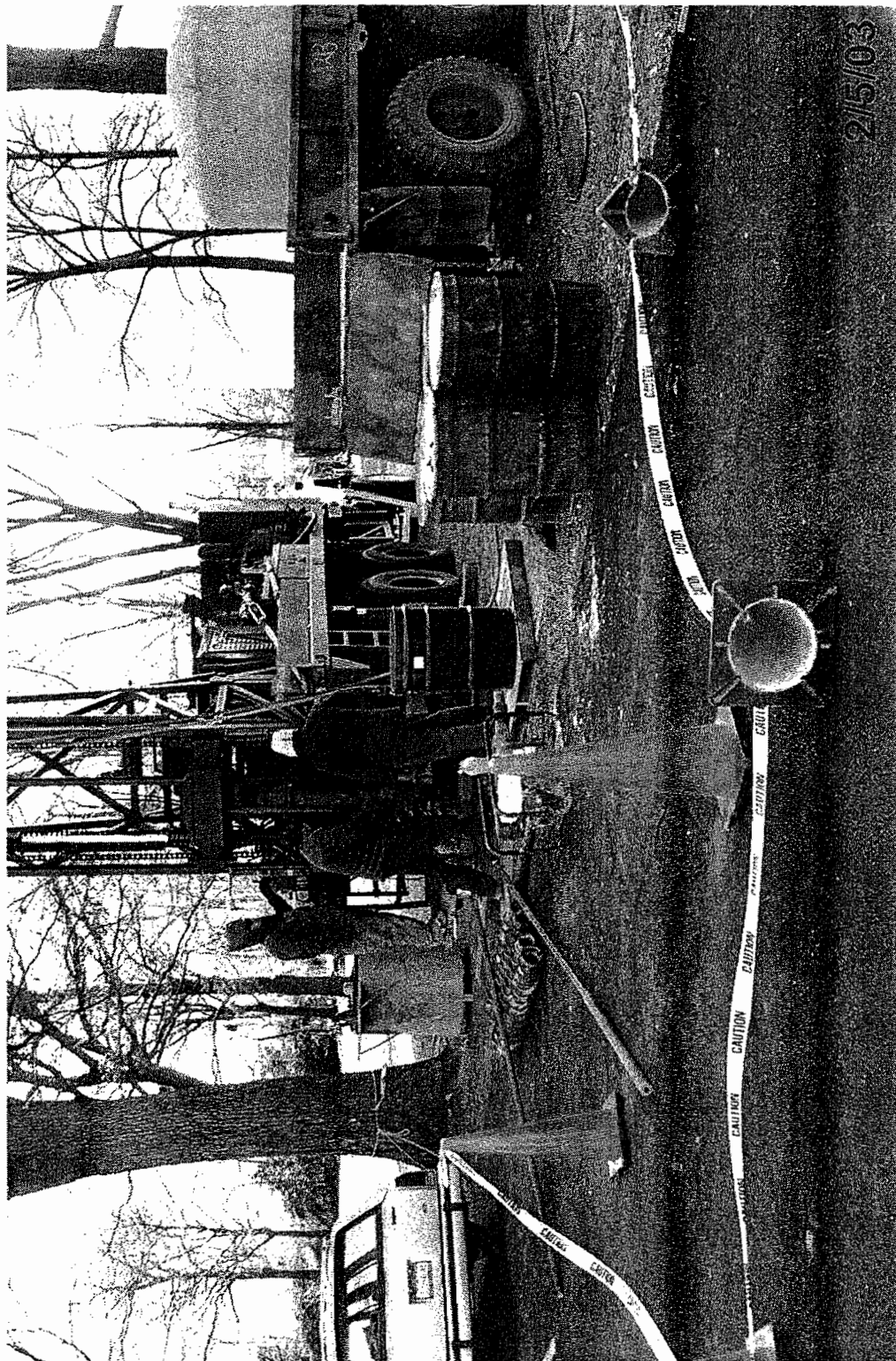
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Placing concrete for
fence posts.
Photograph No.: 125 Date Taken: 01/31/03
Inspector: P. Heling



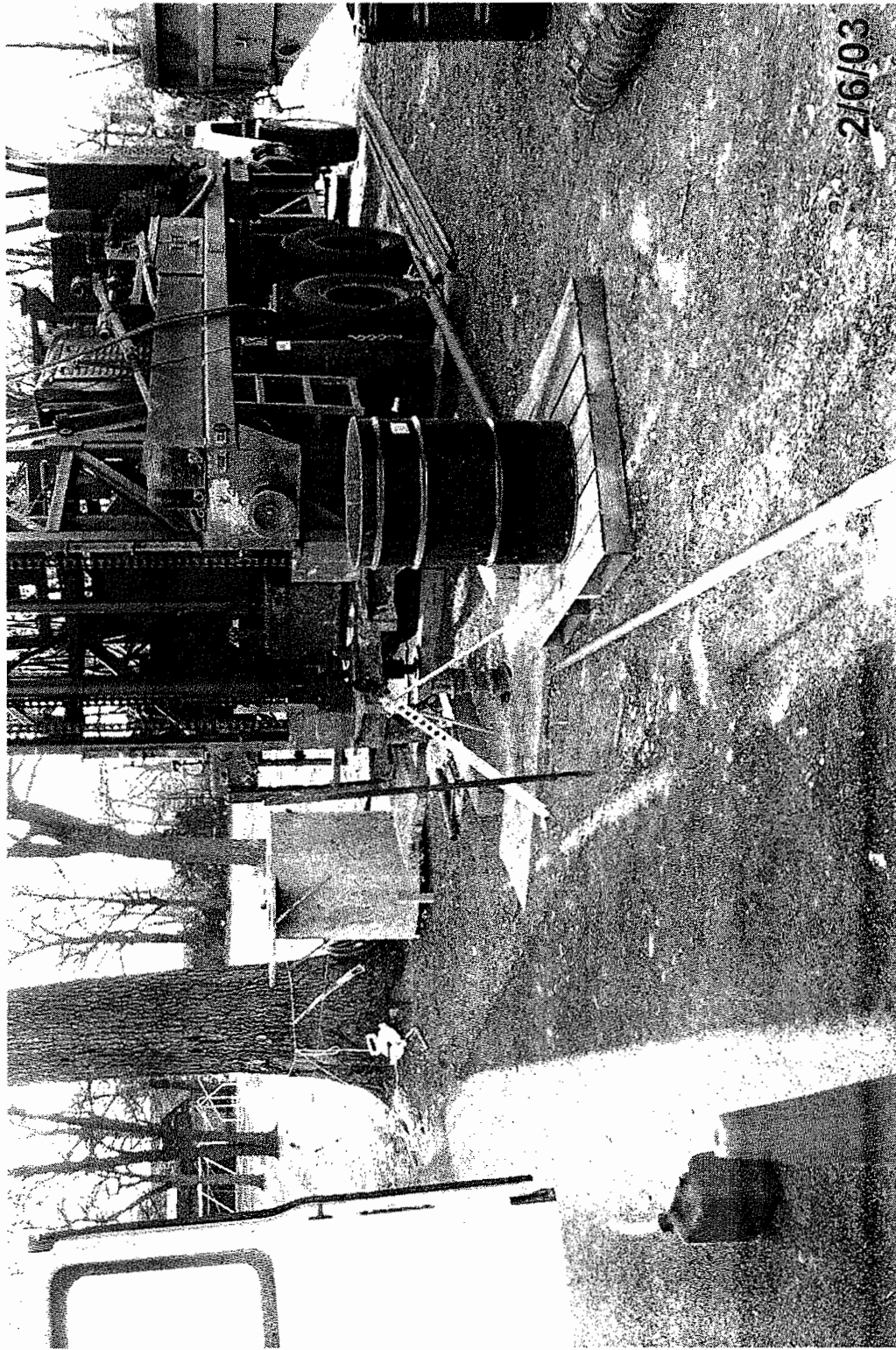
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Over view fence posts
w. insulation.
Photograph No.: 126 Date Taken: 01/13/03
Inspector: R. Heling



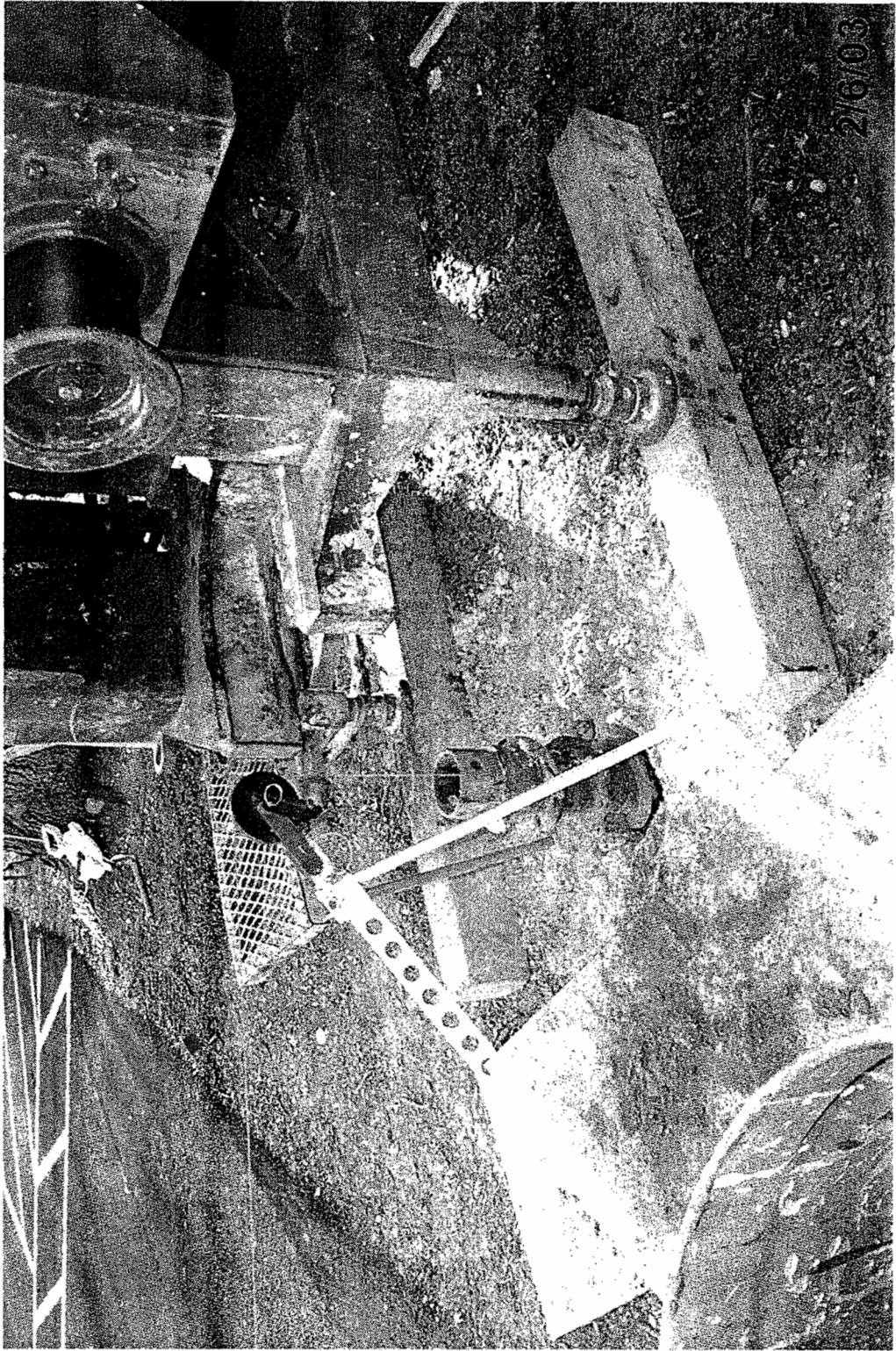
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Split spoon sample
110-112 at Asmw-5
Photograph No.: 127 Date Taken: 2/5/03
Inspector: R. Helwig



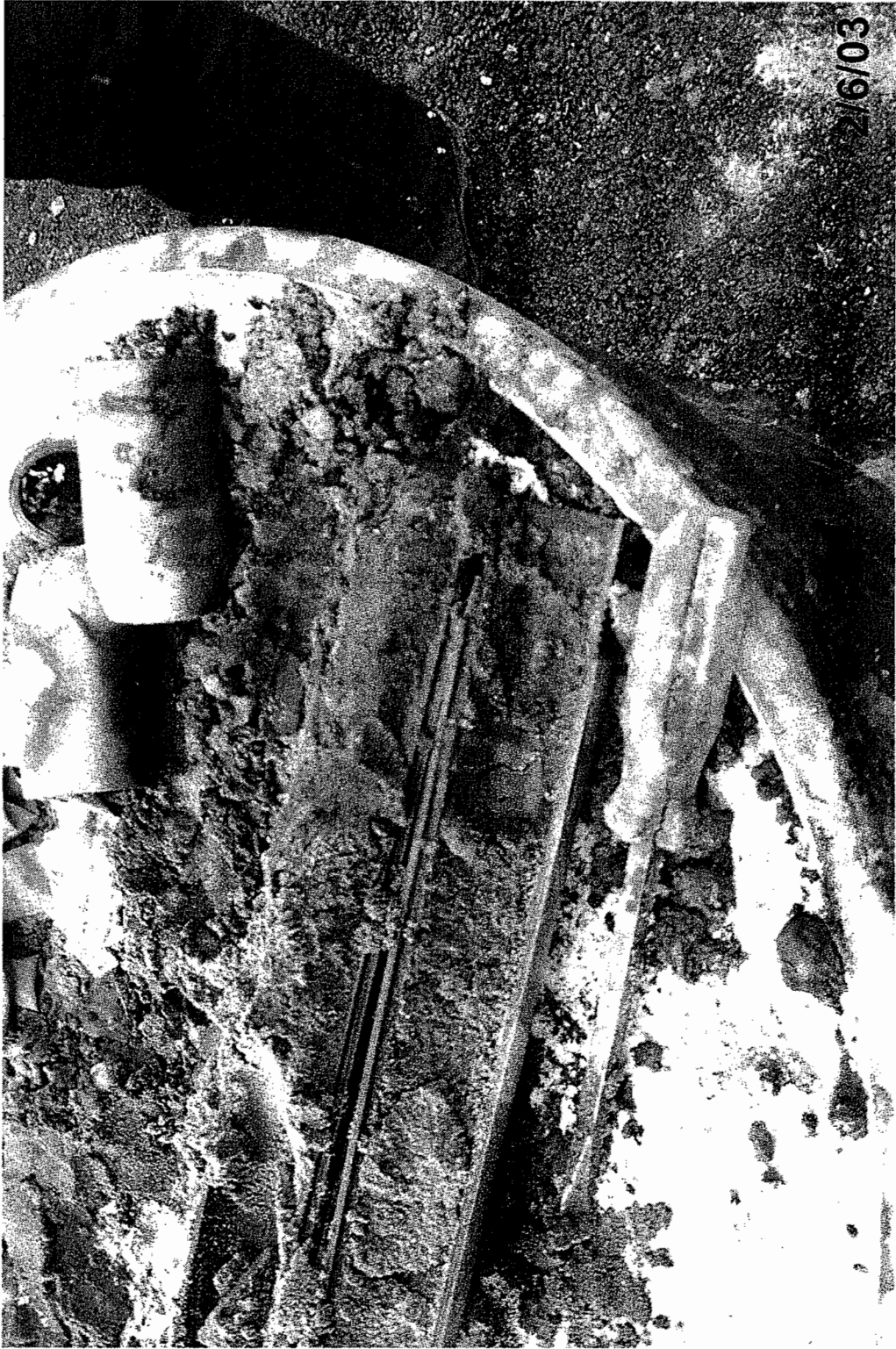
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Split spoon sampler -
attempting recovery from auger
Photograph No.: 128 Date Taken: 2/5/03
Inspector: Chris Moeis



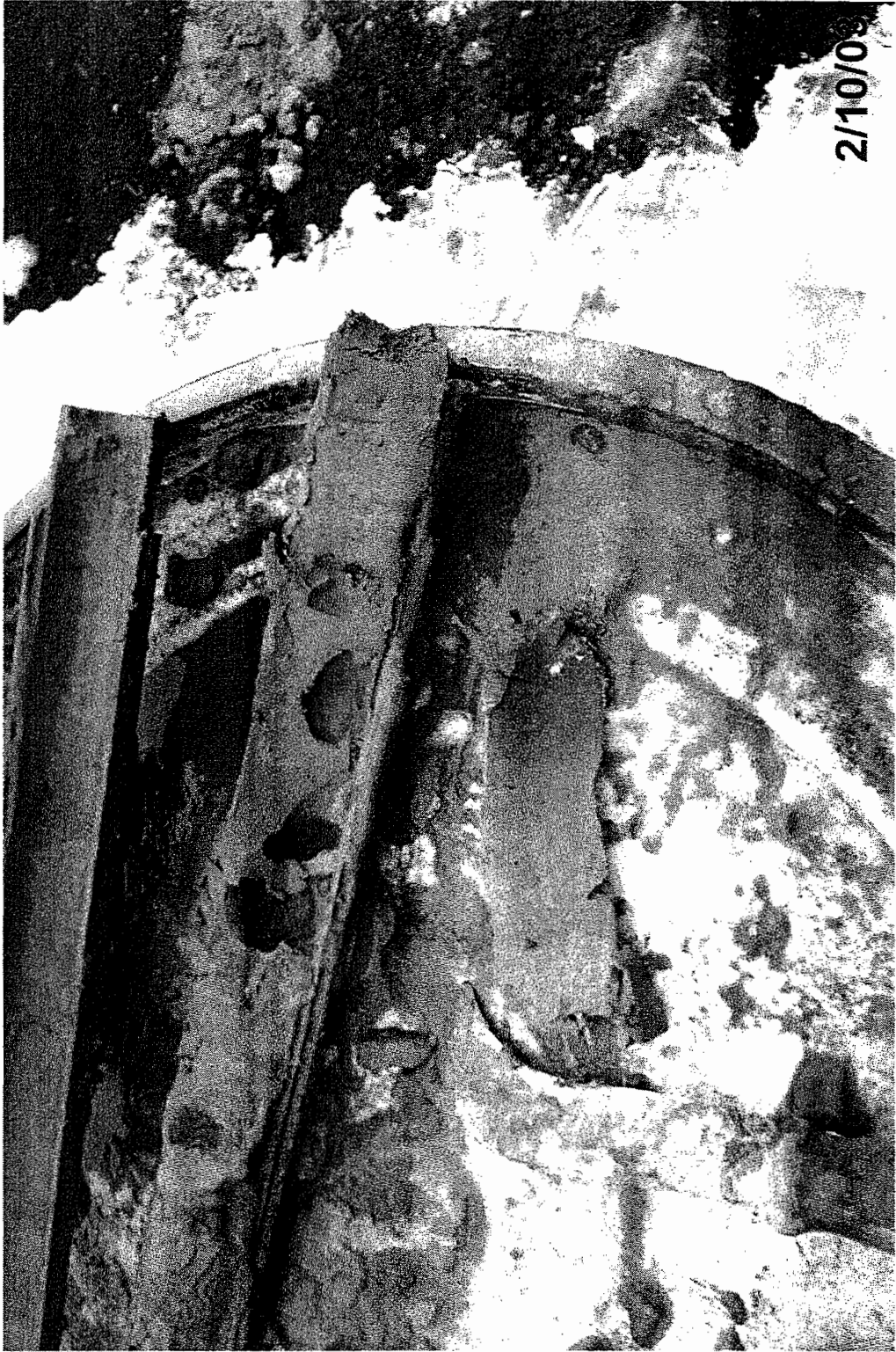
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Gamma logging
conducted at Asmw-5
Photograph No.: 129 Date Taken: 2/6/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Gamma log
Setup at Asmw-5
Photograph No.: 130 Date Taken: 02/06/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Split spoon sample
at ASMW-5 (138-140)
Photograph No.: 131 Date Taken: 2/6/03
Inspector: Chris Morris

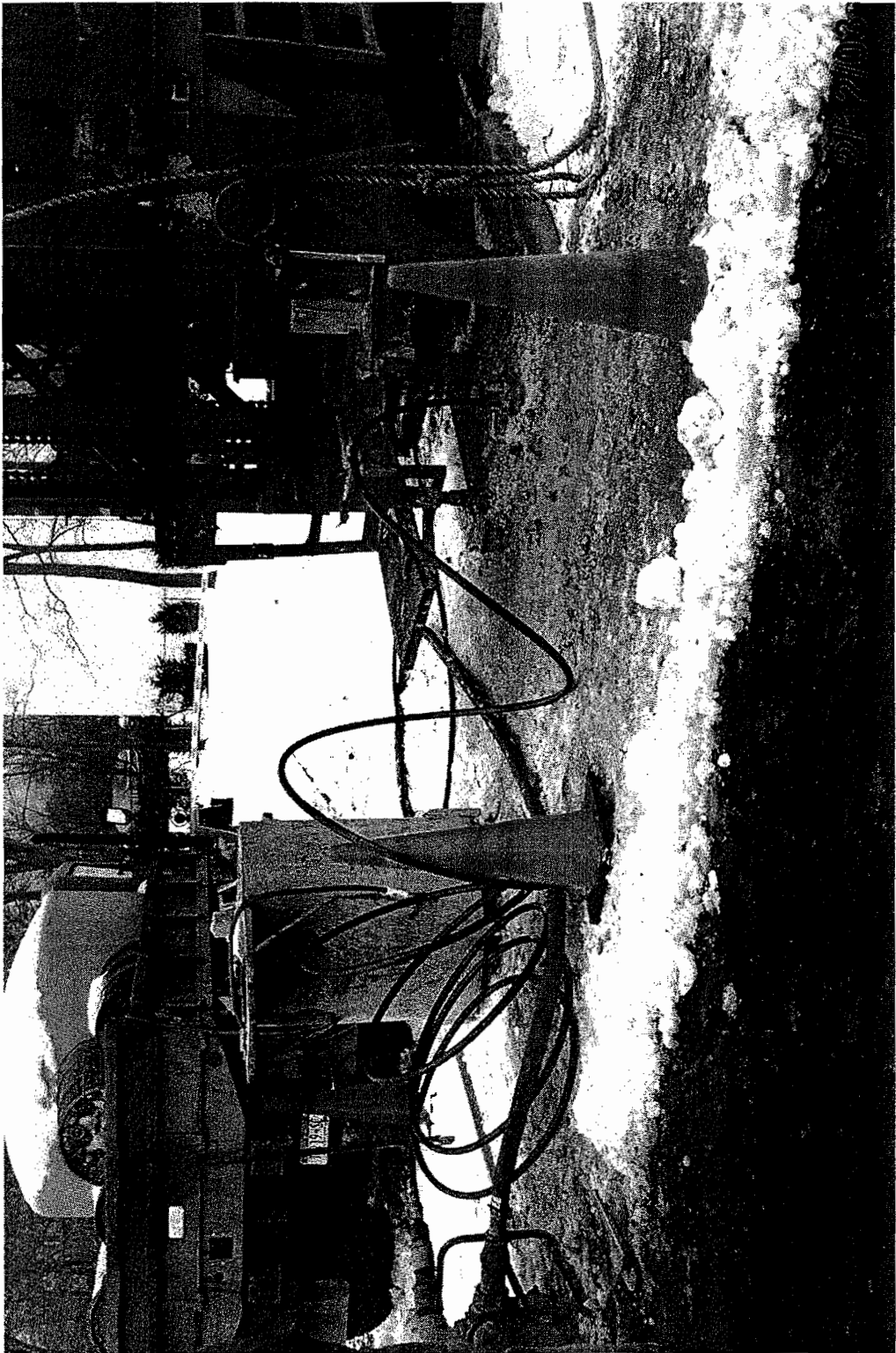


2/10/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Split spoon sample
at Asmw-4 (70-72) Gray clay
Photograph No.: 132 Date Taken: 2/10/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Sample of gray
clay (70-72') at Asmw-4
Photograph No.: 133 Date Taken: 2/10/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

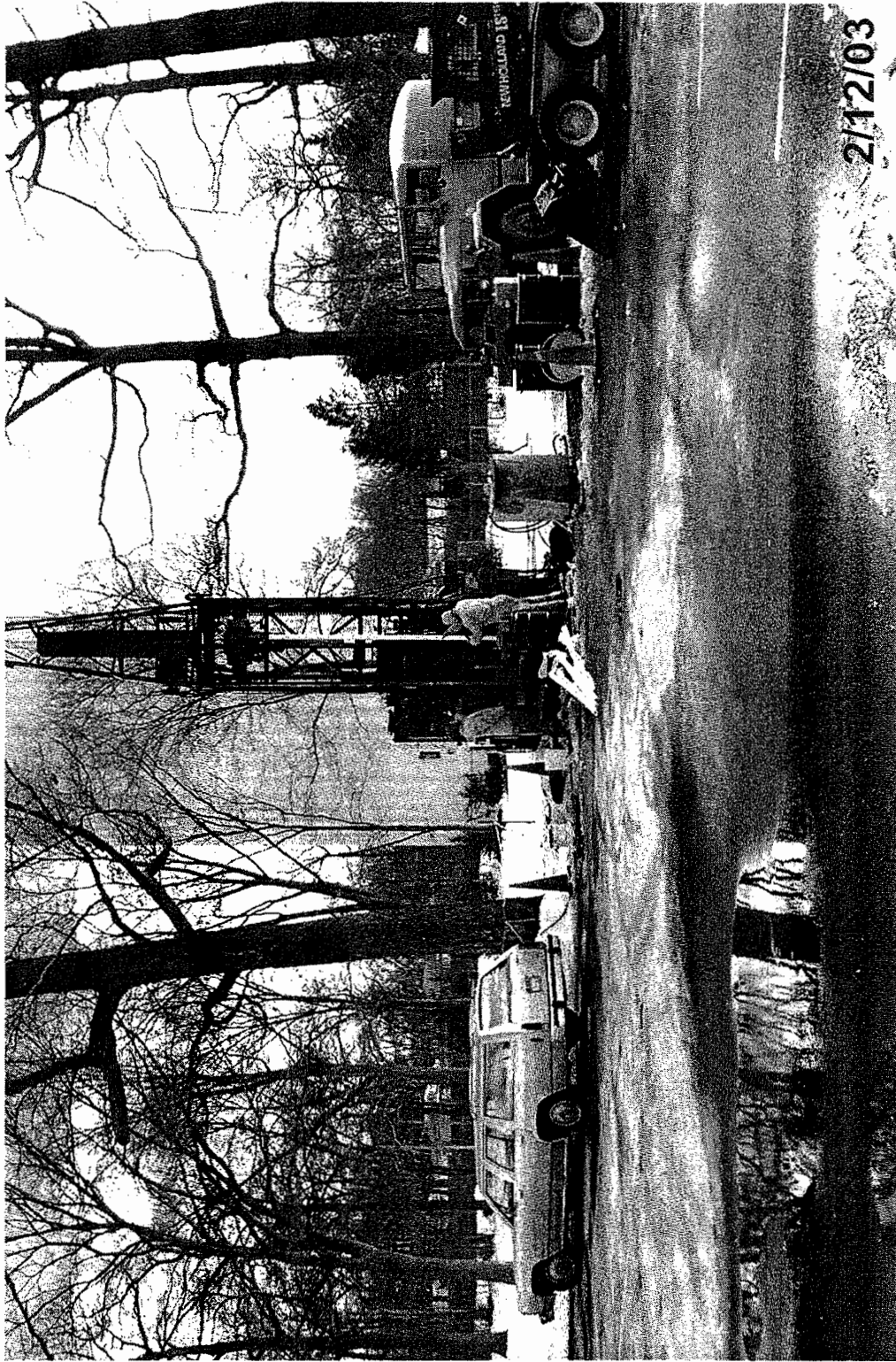
Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Grating using tremie
ppe at ASMW-4

Photograph No.: 134 Date Taken: 2/12/03

Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Well installation
at Asmw-5
Photograph No.: 135 Date Taken: 2/12/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

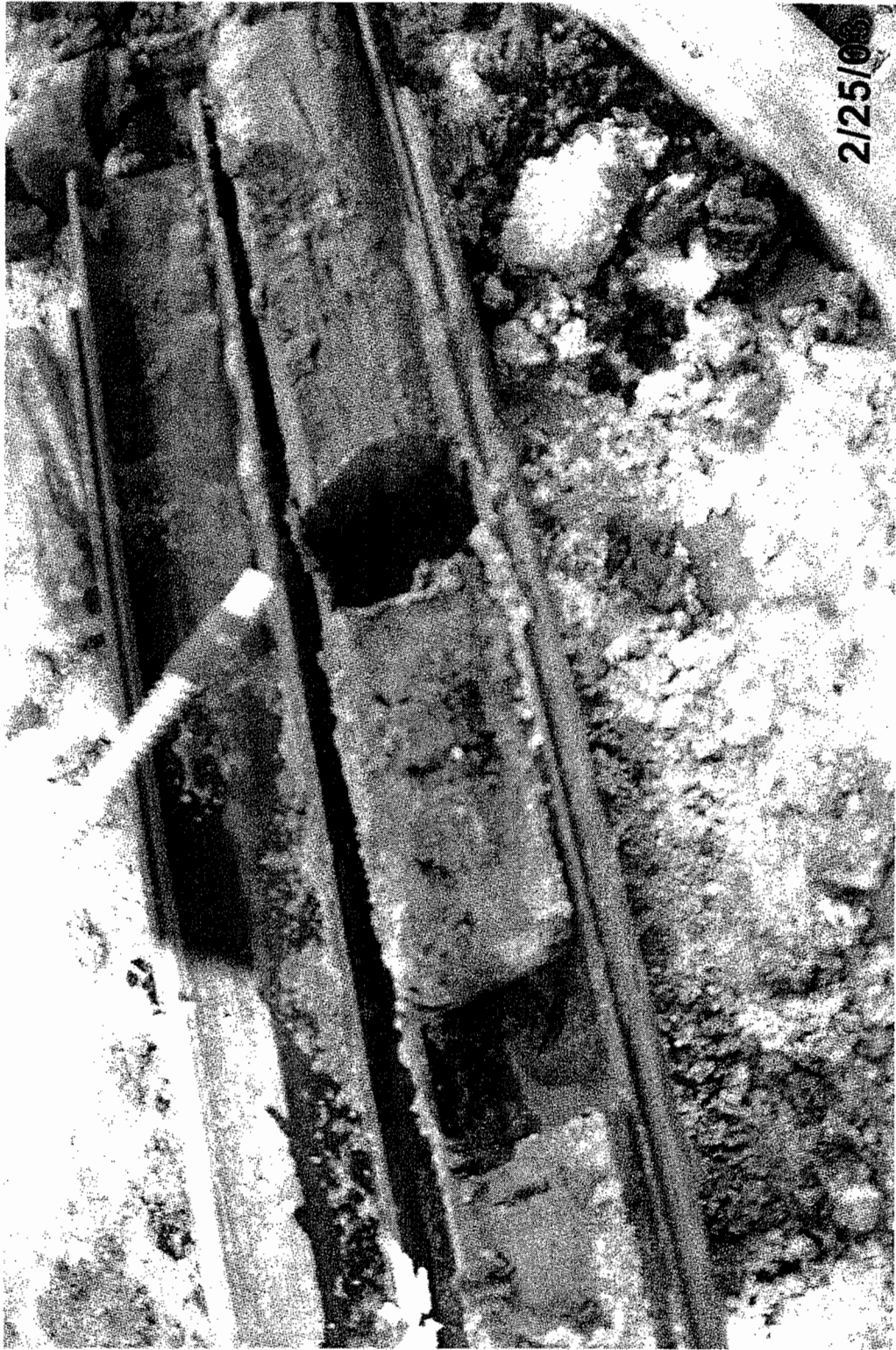
Contractor: URS Corporation

Site No.: 1-30-050 -- Contract No: D004264

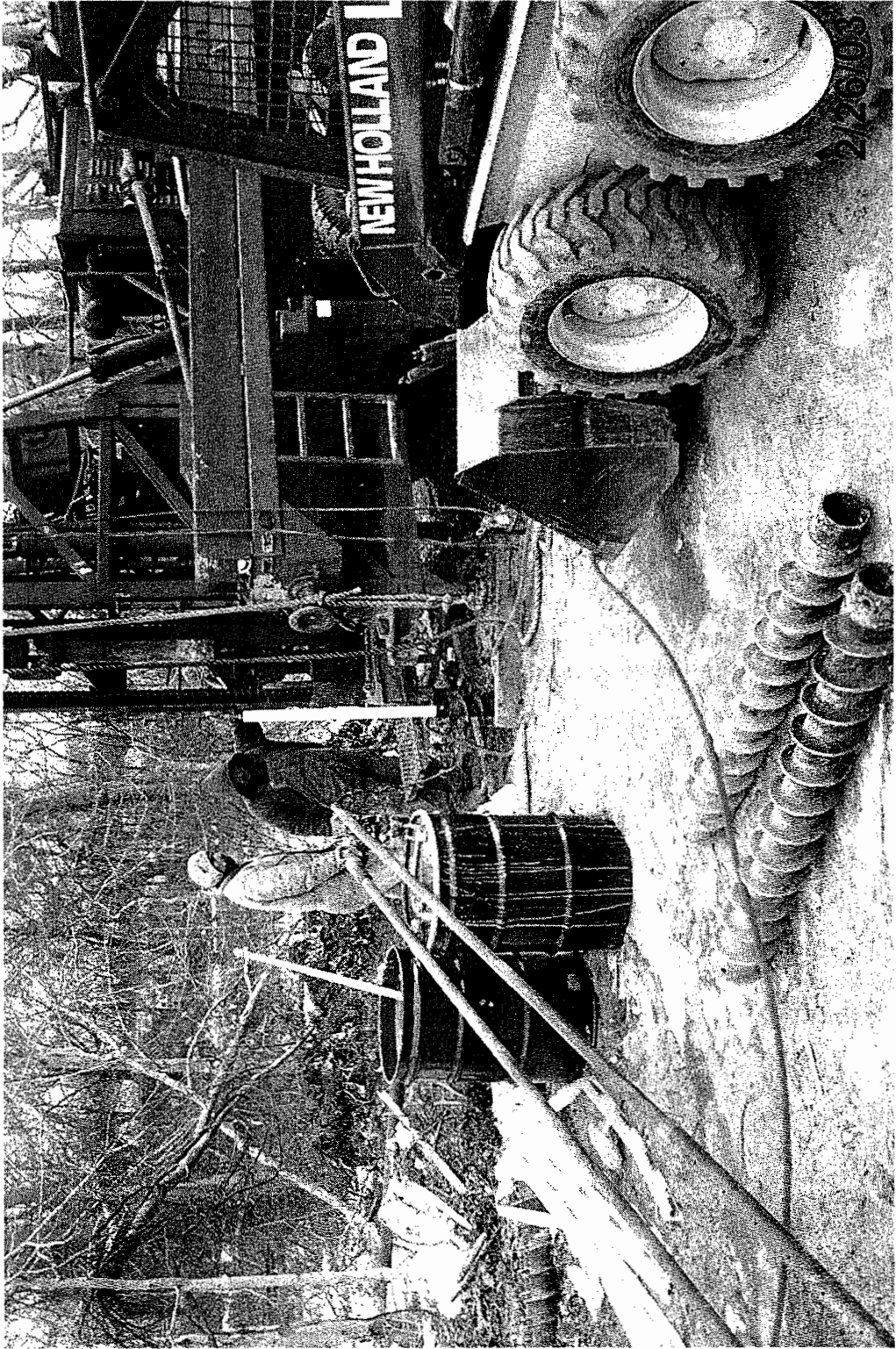
Description of View: Rig setup at
Asmw-2

Photograph No.: 136 Date Taken: 2/25/03

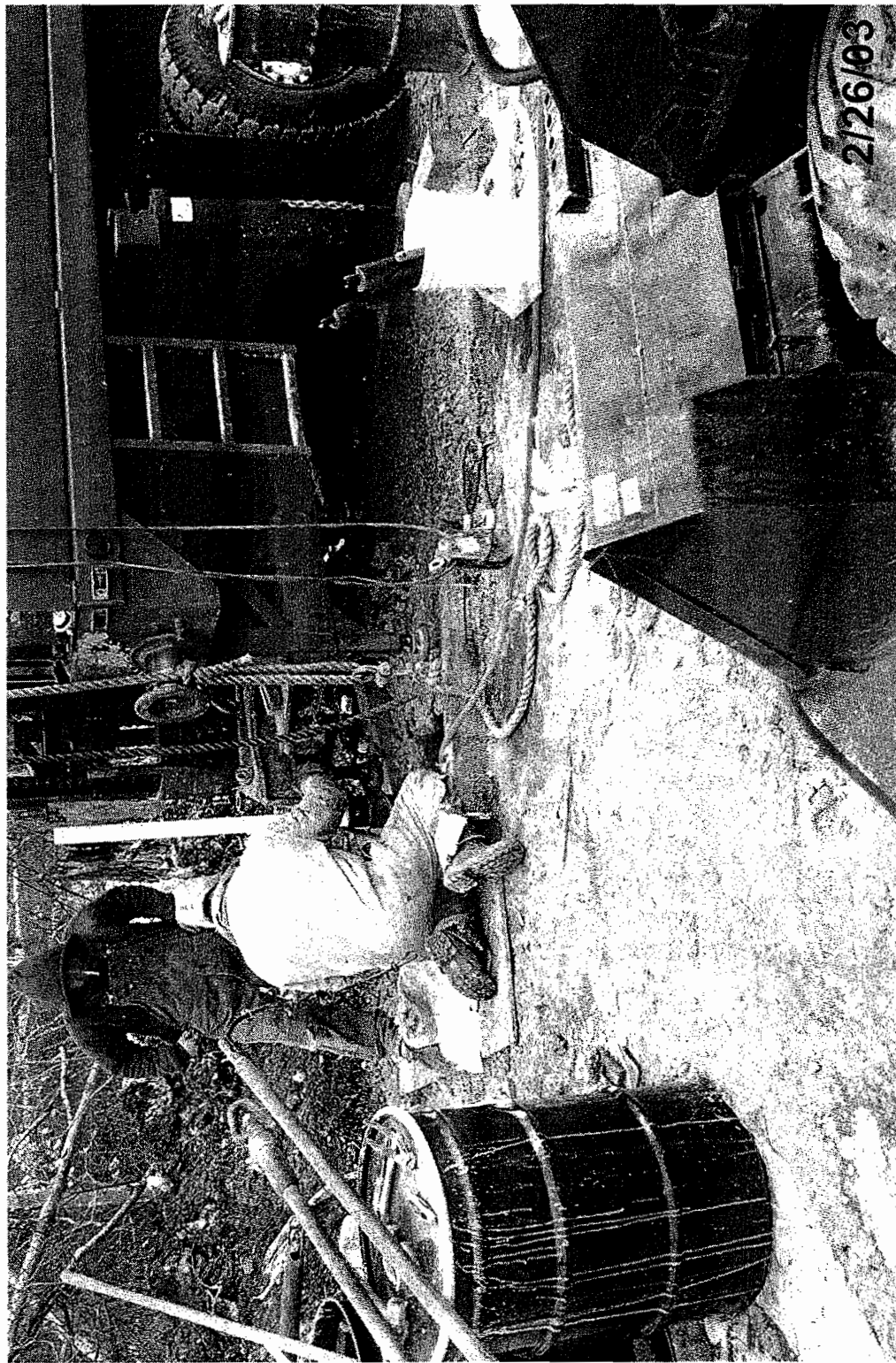
Inspector: Chris Morris



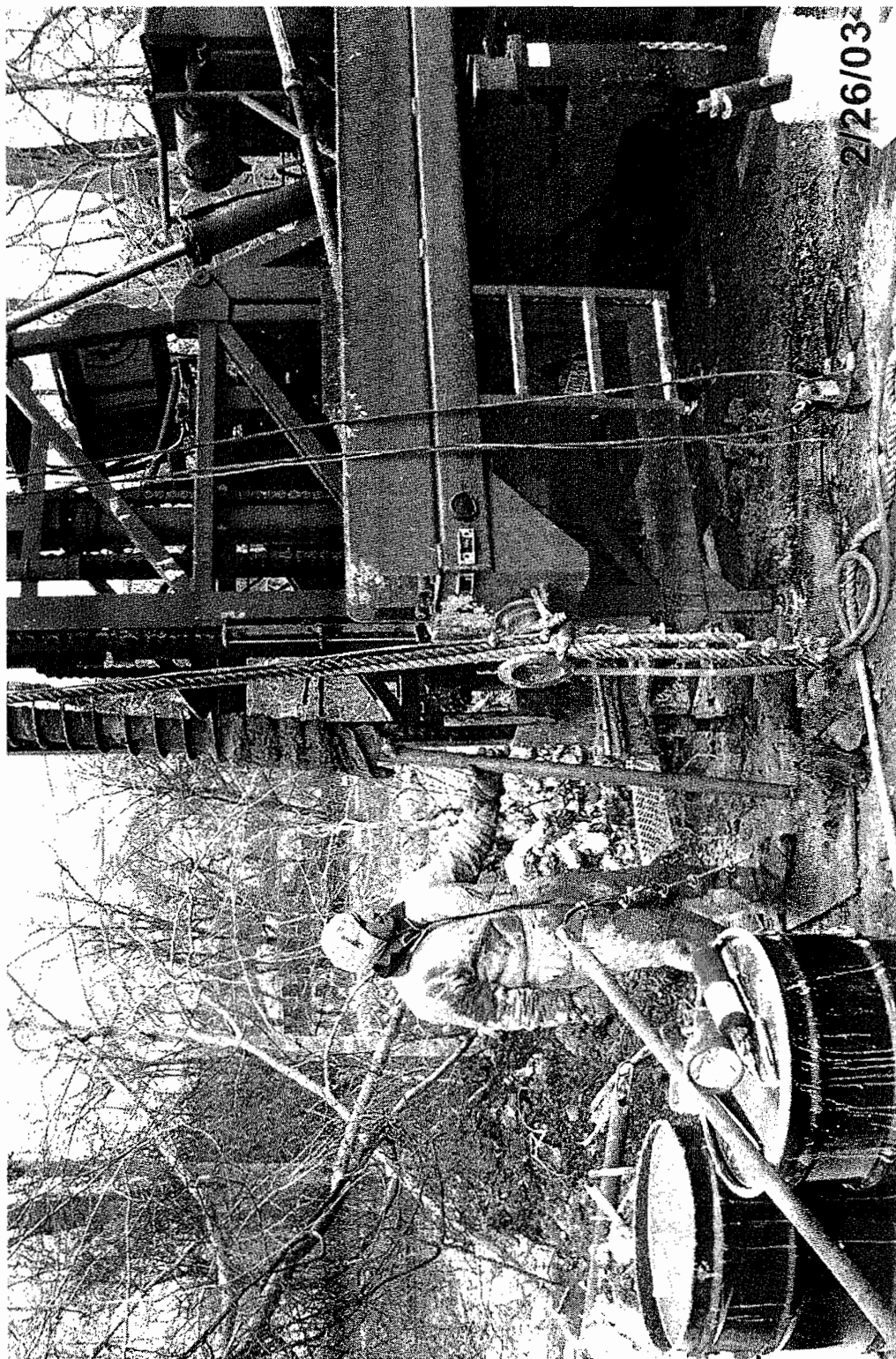
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Split spoon sample
at Asmw-2 (96-98') dark gray clay
Photograph No.: 137 Date Taken: 2/25/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: 1st attempt at
well installation at Asmw-2
Photograph No.: 138 Date Taken: 2/26/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: #1 sand being
added at Asmw-2 (1st installation attempt)
Photograph No.: 139 Date Taken: 02/26/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 -- Contract No: D004264

Description of View: Screen stuck in
bottom auger after 1st installation attempt (AS MW-2)

Photograph No.: 140 Date Taken: 02/26/03

Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: well installation at
Asmw-3

Photograph No.: 141 Date Taken: 3/4/03

Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Sand pack being
installed at Asmw-3
Photograph No.: 1612 Date Taken: 3/4/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Bentonite slurry
being mixed
Photograph No.: 143 Date Taken: 3/4/03
Inspector: Chris Morris.



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Preparing for well
box installation at Asmw-4
Photograph No.: 144 Date Taken: 3/4/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Well box installation
at Asmw-5
Photograph No.: 145 Date Taken: 3/4/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Preparing for well
box installation at Asmw-4
Photograph No.: 146 Date Taken: 3/4/03
Inspector: Chris Morris



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Well box installation
at Asmw-4
Photograph No.: 147 Date Taken: 3/5/03
Inspector: Chris Morris



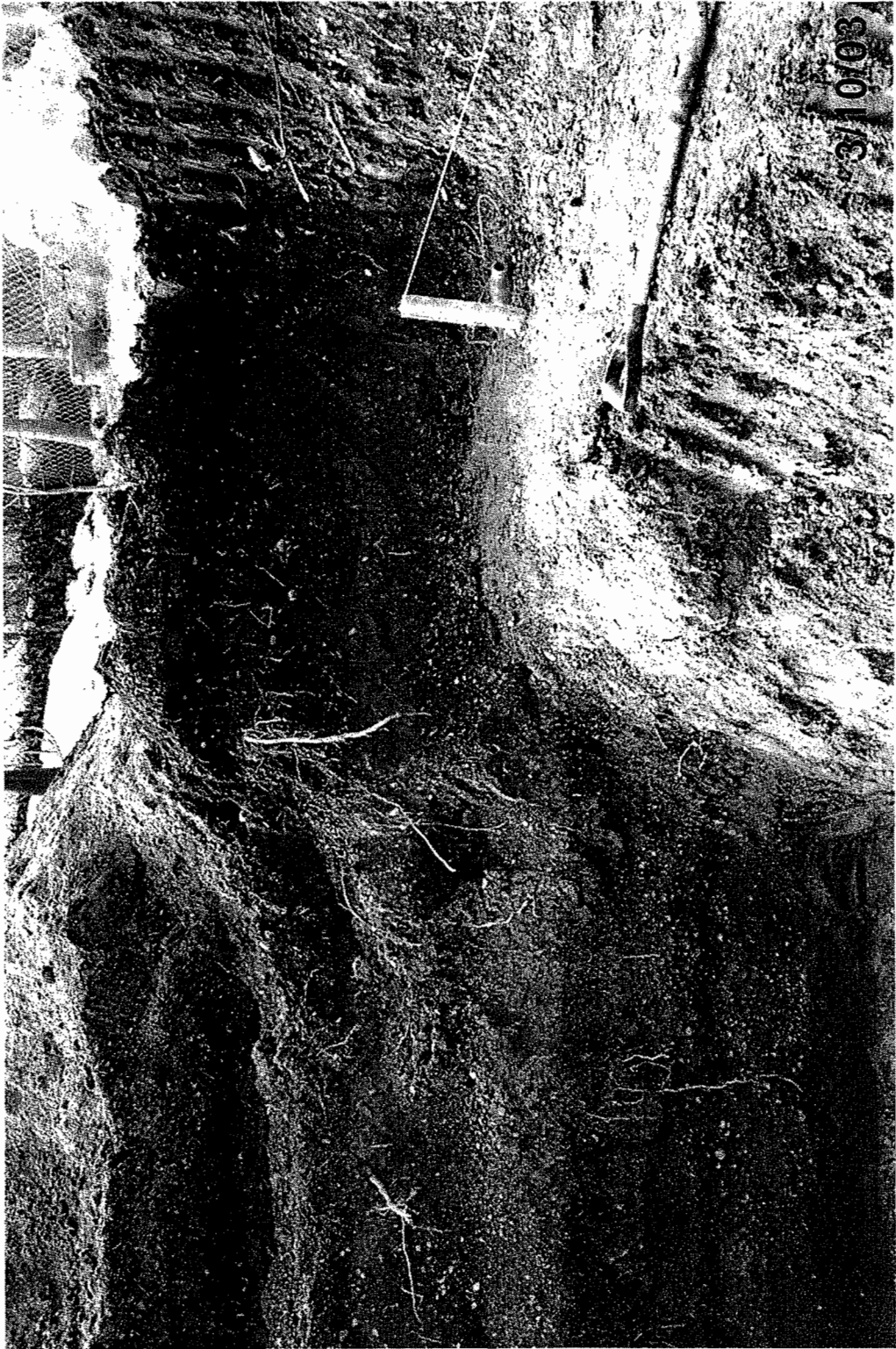
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Flooding around
ASMW-2
Photograph No.: 148 Date Taken: 3/5/03
Inspector: Chris Moneys



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Flooding around
Asmw-3
Photograph No.: 149 Date Taken: 3/5/03
Inspector: Chris Morab



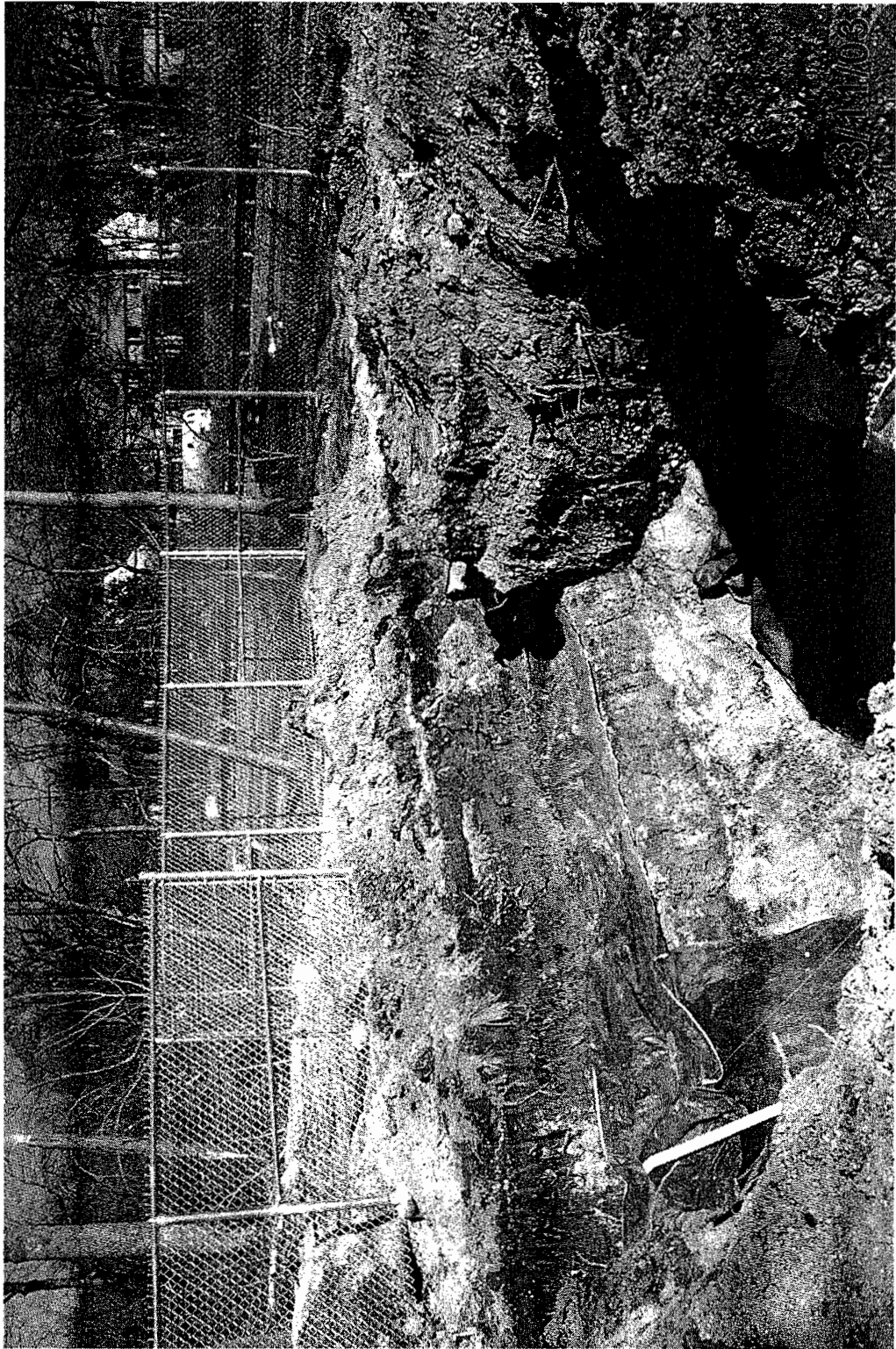
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Fencing post
damaged by subcontractor
Photograph No.: 150 Date Taken: 8/10/13
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail excavation
SW corner building
Photograph No.: 151 Date Taken: 3/10
Inspector: R Heling



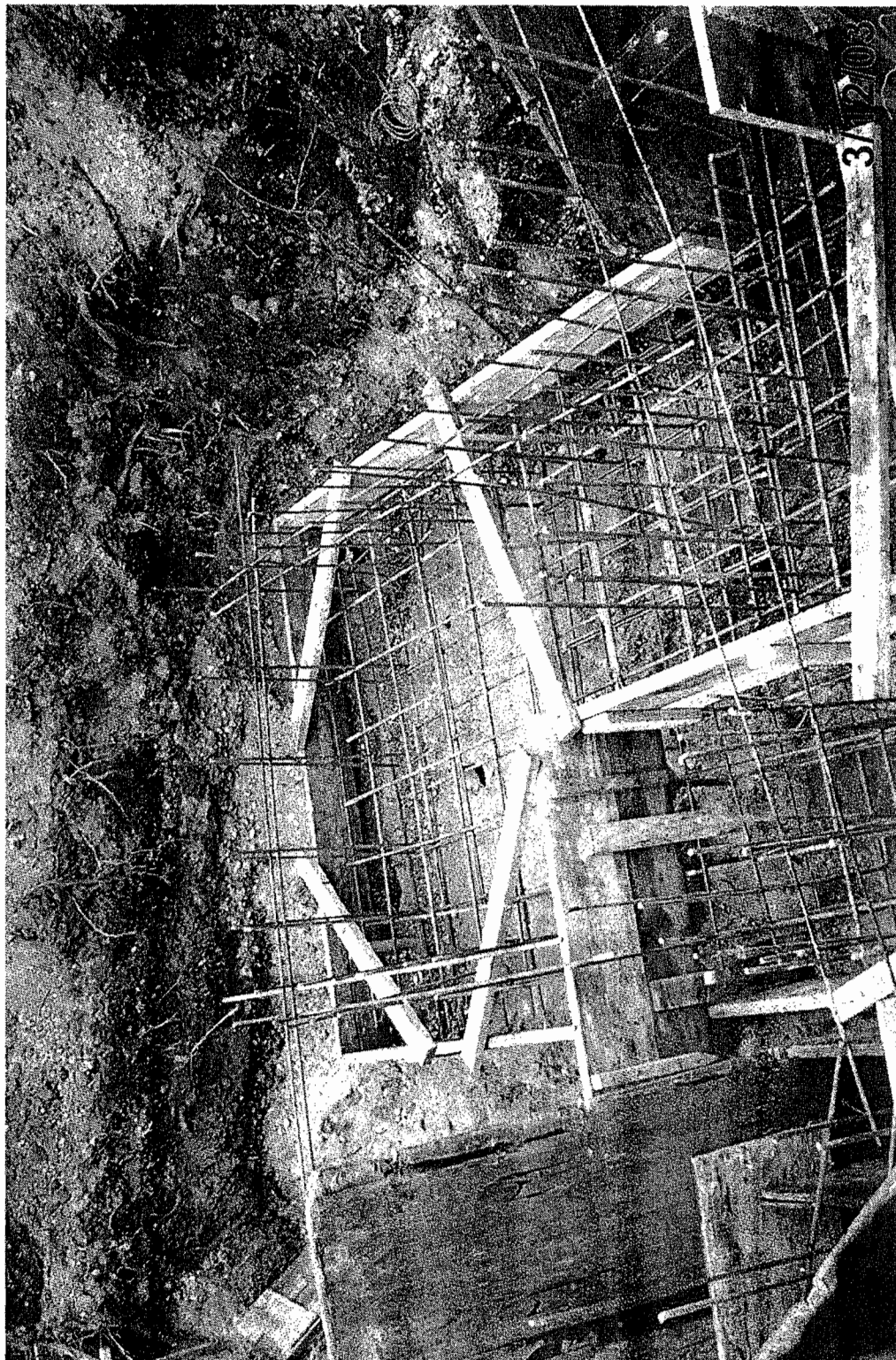
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail excavation
North side wall treatment building
Photograph No.: 152 Date Taken: 3/10
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: OVERVIEW EXCAVATION
facing North
Photograph No.: 153 Date Taken: 3/11/03
Inspector: R Helina



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail Rebars East side
building facing North
Photograph No.: 154 Date Taken: 3/12/13
Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050
Description of View: Details rebar valve
vault facing North
Contract No: D004264
Photograph No.: 155 Date Taken: 3/12/0
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

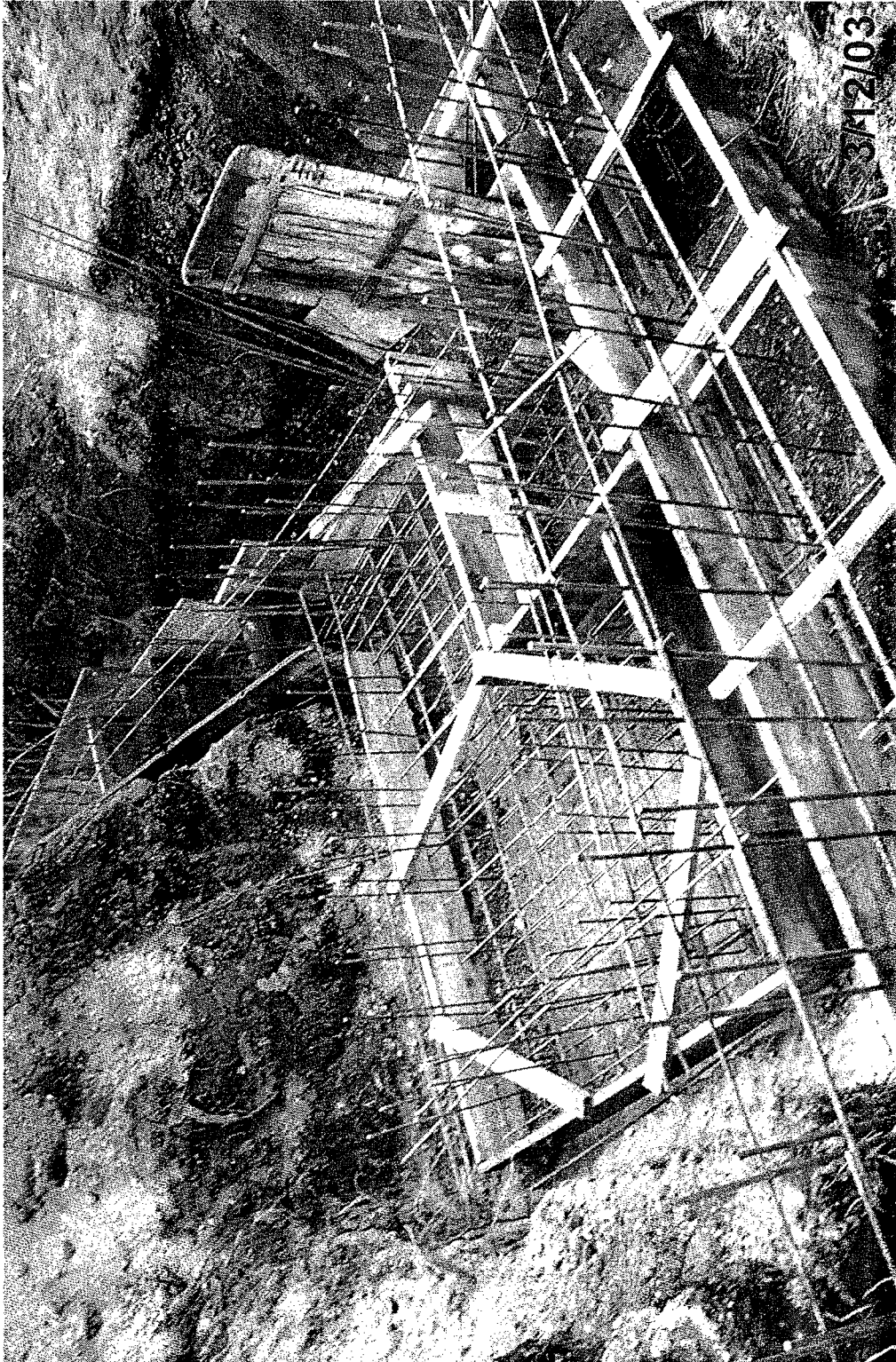
Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

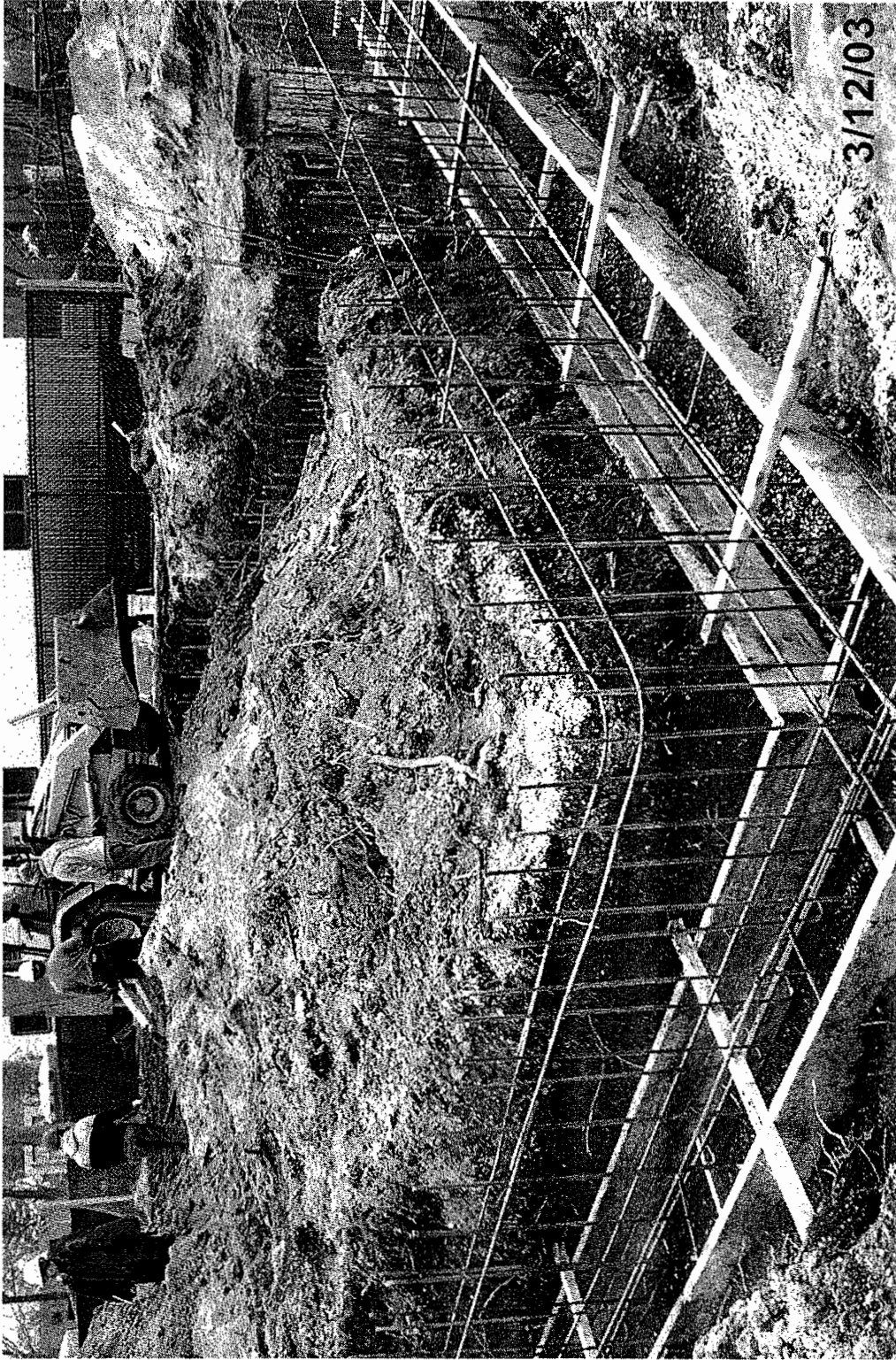
Description of View: Details Relates south
side facing east

Photograph No.: 156 Date Taken: 3/12/13

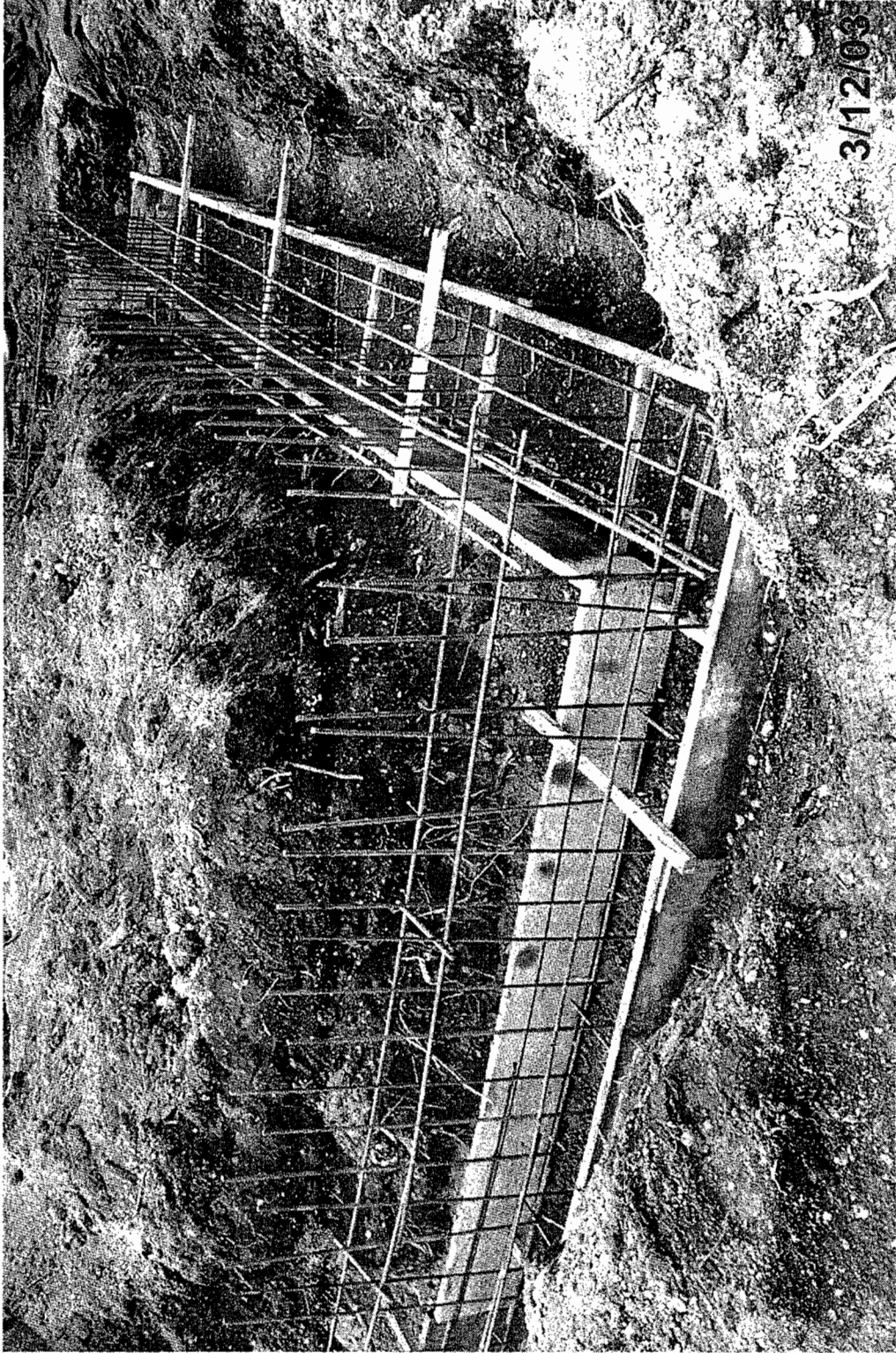
Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview valve vault
facing South east.
Photograph No.: 157 Date Taken: 3/12
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: overview Rebars NW
corner facing SE
Photograph No.: 150 Date Taken: 3/12
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

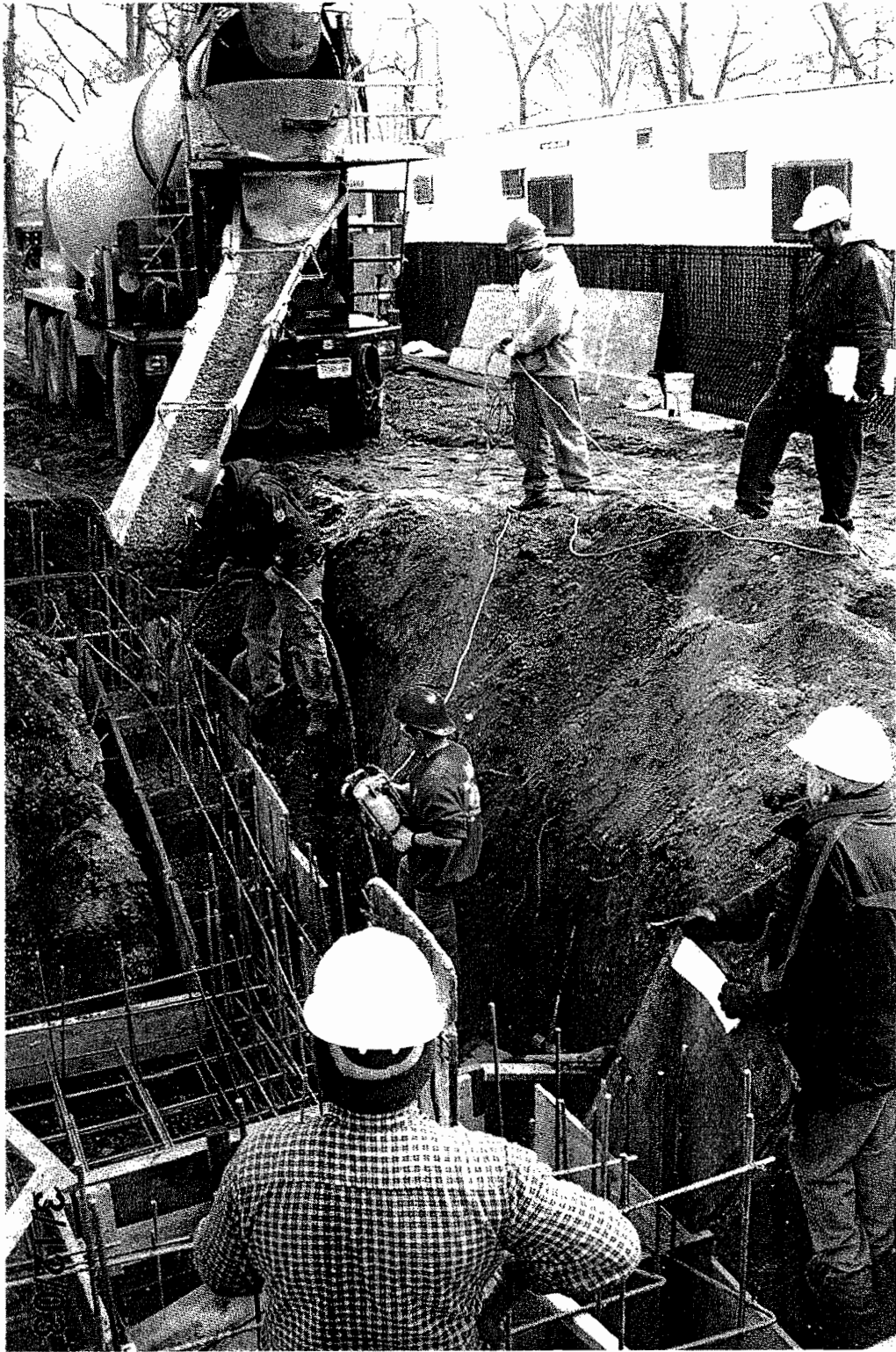
Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Rebars NE corner
facing west

Photograph No.: 159 Date Taken: 3/12

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

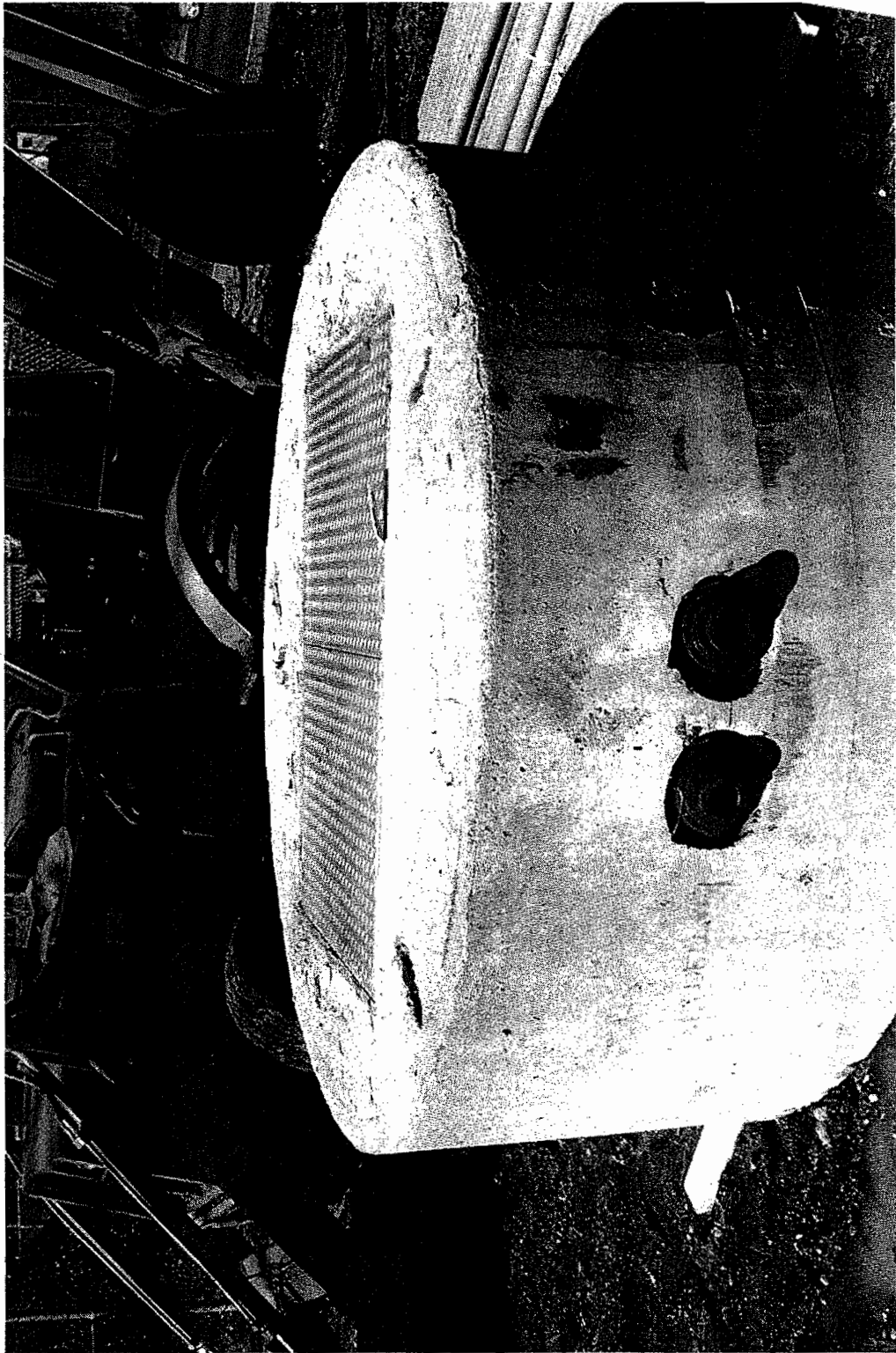
Description of View: Concrete placement.

Photograph No: 160 Date Taken: 3/12

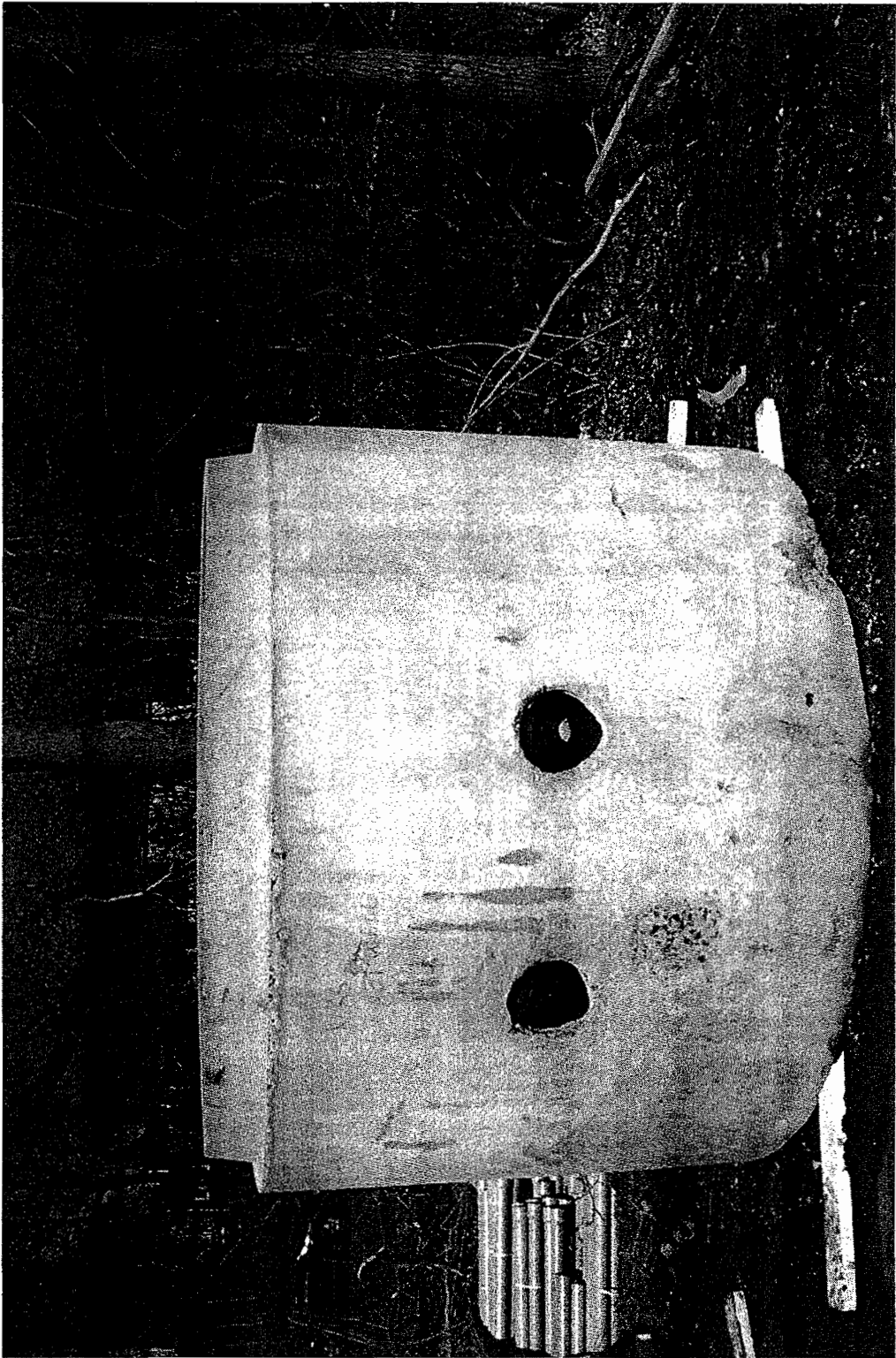
Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail excavation
South wall facing South.
Photograph No.: 160A Date Taken: 3/10/13
Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview top section
wet well
Photograph No.: 161 Date Taken: 3/14/9
Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview bottom part
wet well before coating
Photograph No.: 162 Date Taken: 3/14/13
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail drainage outlet
hatch wet well

Photograph No.: 163 Date Taken: 3/14/13

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

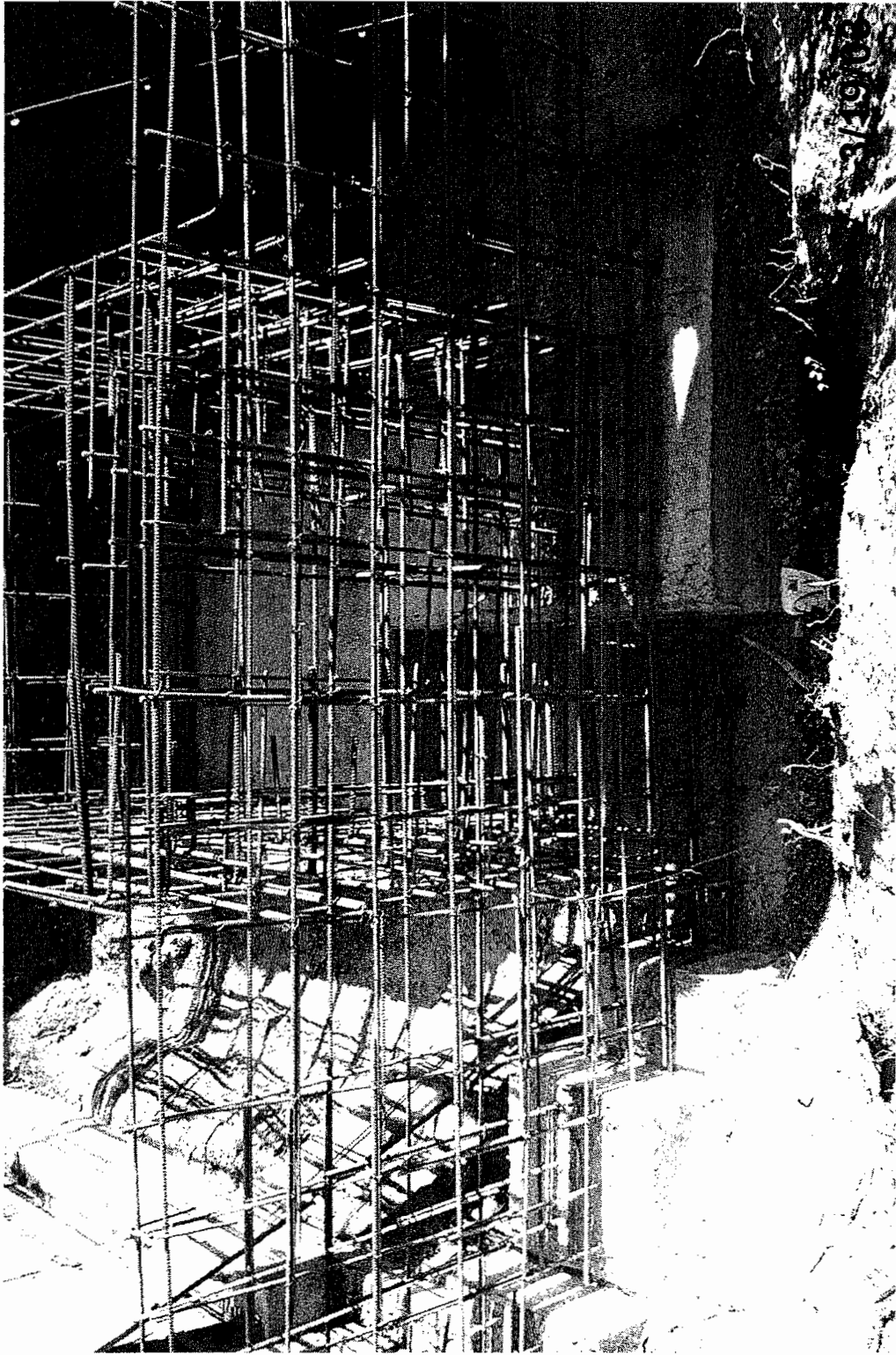
Contractor: URS Corporation

Site No.: 1-30-050 -- Contract No: D004264

Description of View: Overview rebar's west
side incl forms facing North

Photograph No.: 164 Date Taken: 3/19/9

Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview Rebar's south
side + valve vault facing north.
Photograph No.: 165 Date Taken: 3/19/13
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

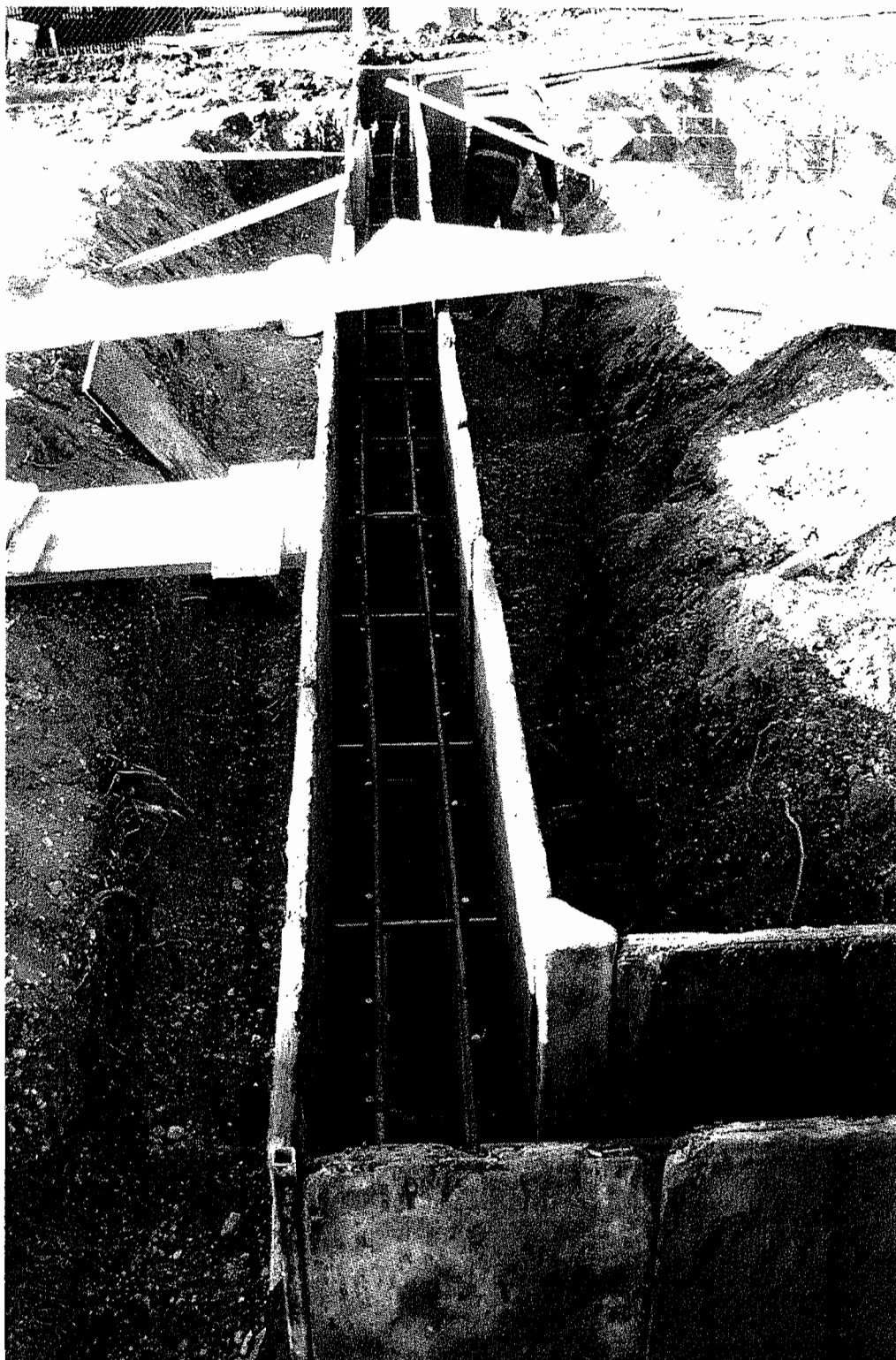
Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Over view returns forms
North side facing west.

Photograph No.: 166 Date Taken: 3/19/13

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

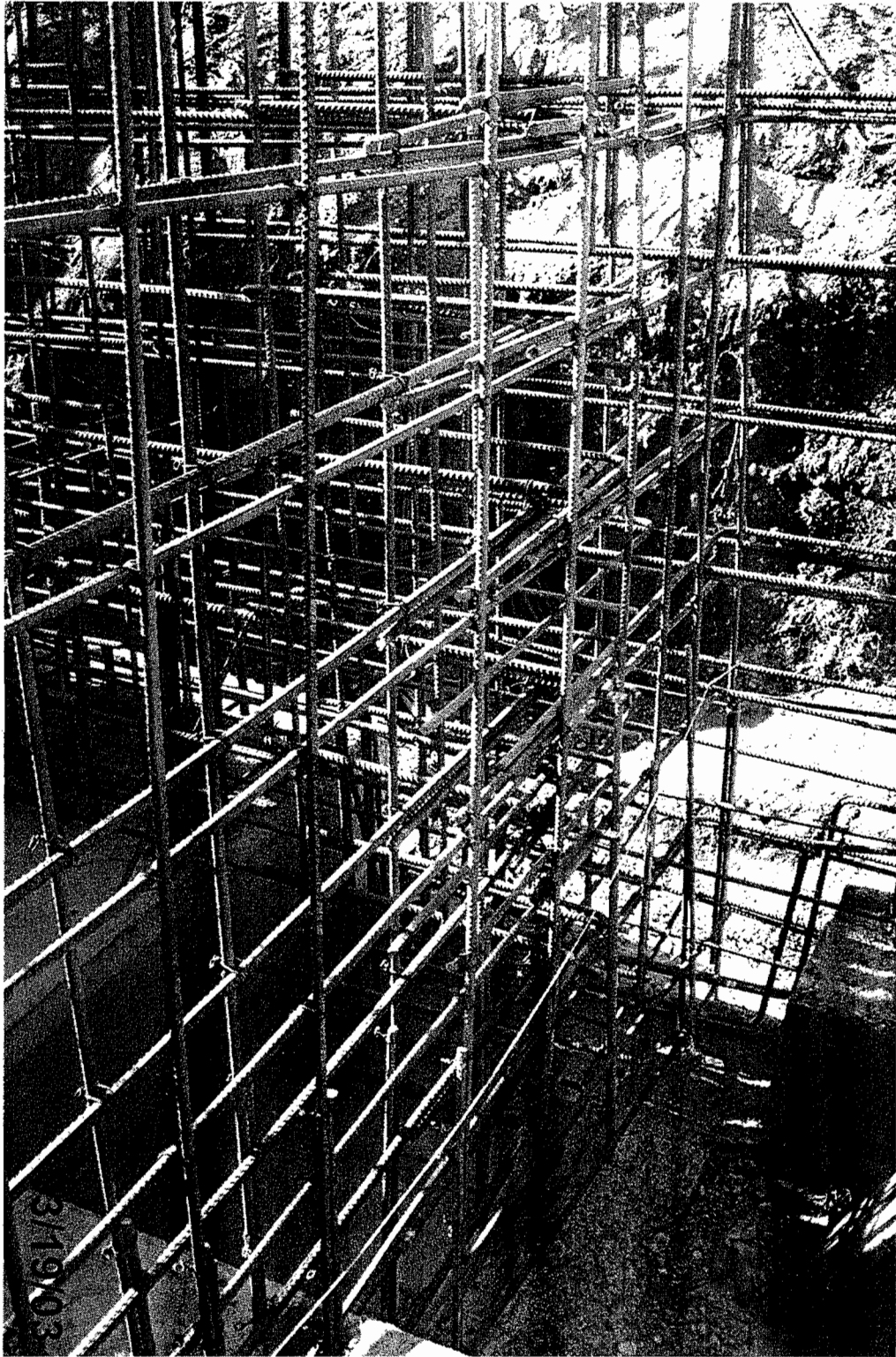
Contractor: URS Corporation

Site No.: 1-30-050 -- Contract No: D004264

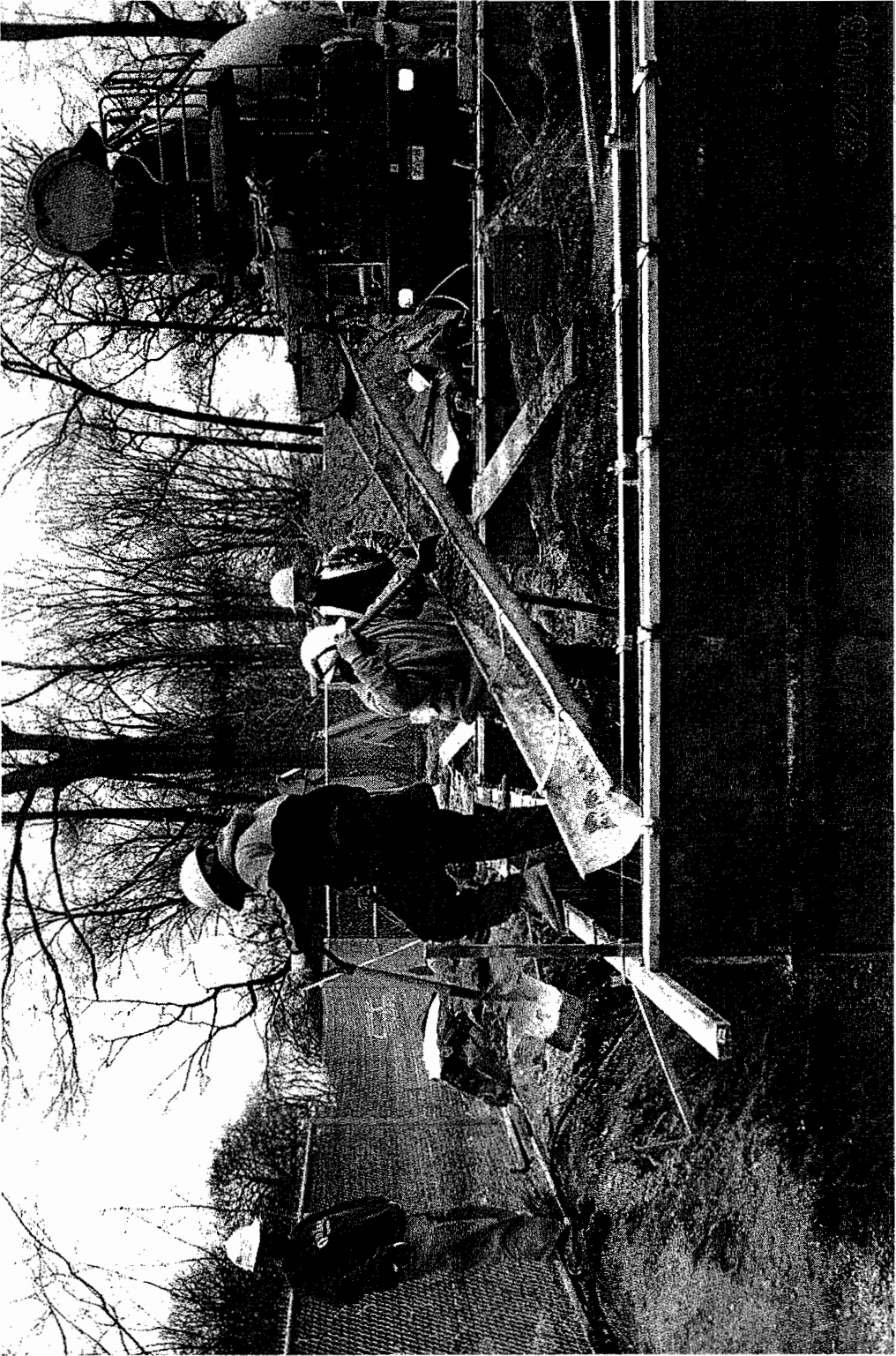
Description of View: Overview of house & driveway
East side facing south

Photograph No.: 167 Date Taken: 3/19/13

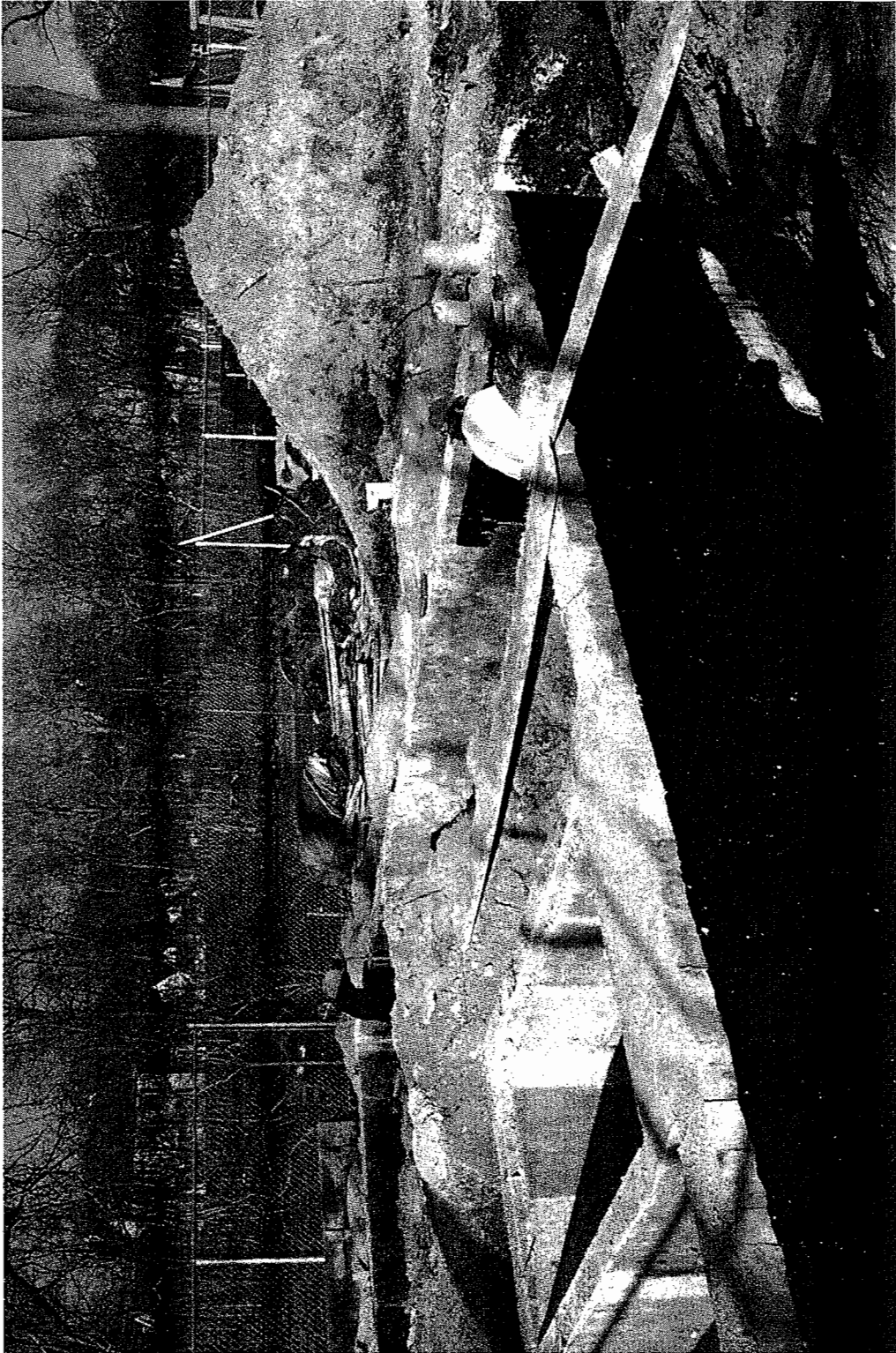
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Details rebar valve
vault.
Photograph No.: 168 Date Taken: 3/14/13
Inspector: R. Helming



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Concrete placement
foundation walls.
Photograph No.: 169 Date Taken: 3/20/13
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Coating building
foundation walls.
Photograph No.: 170 Date Taken: 3/25/03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

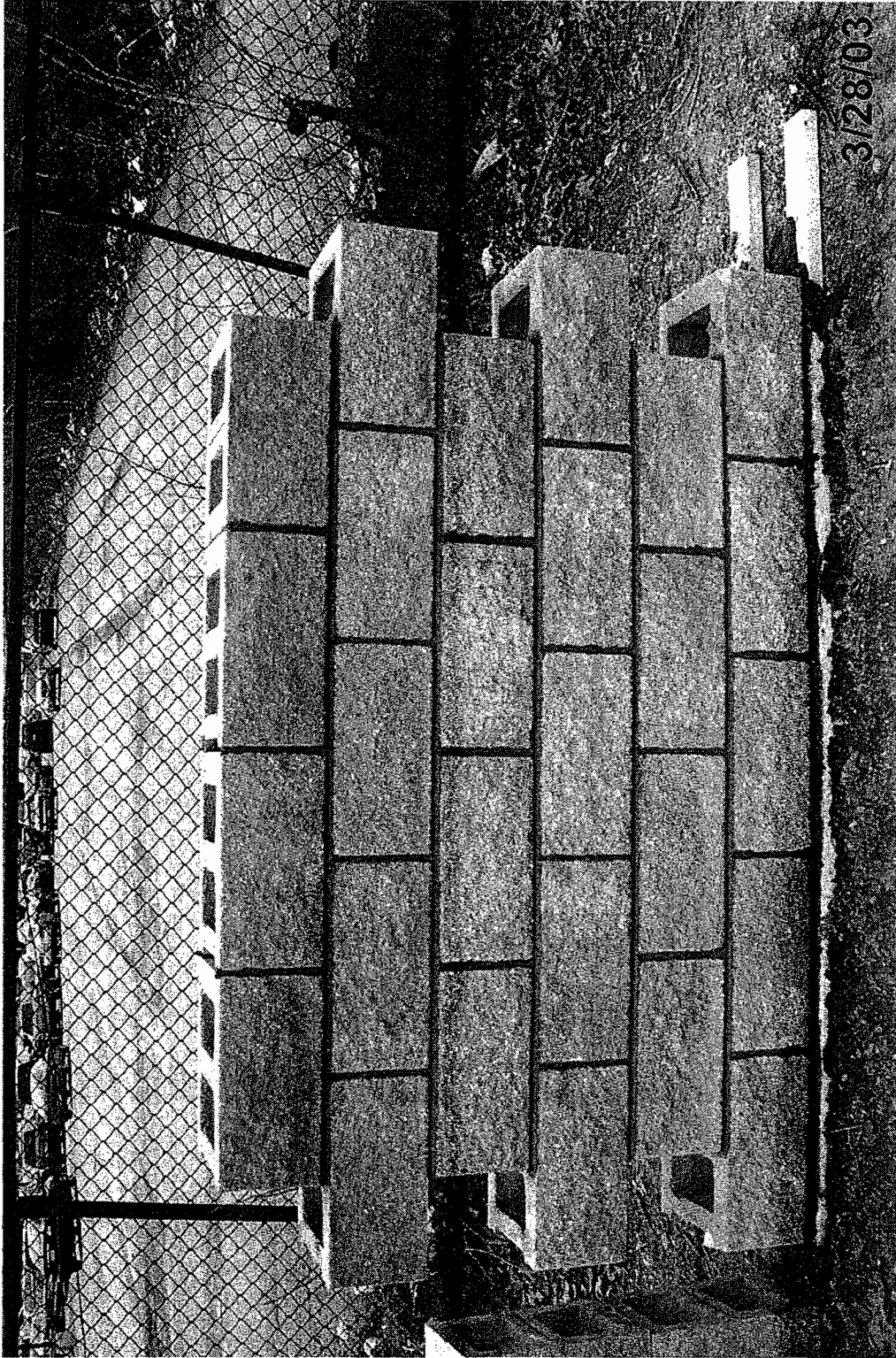
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

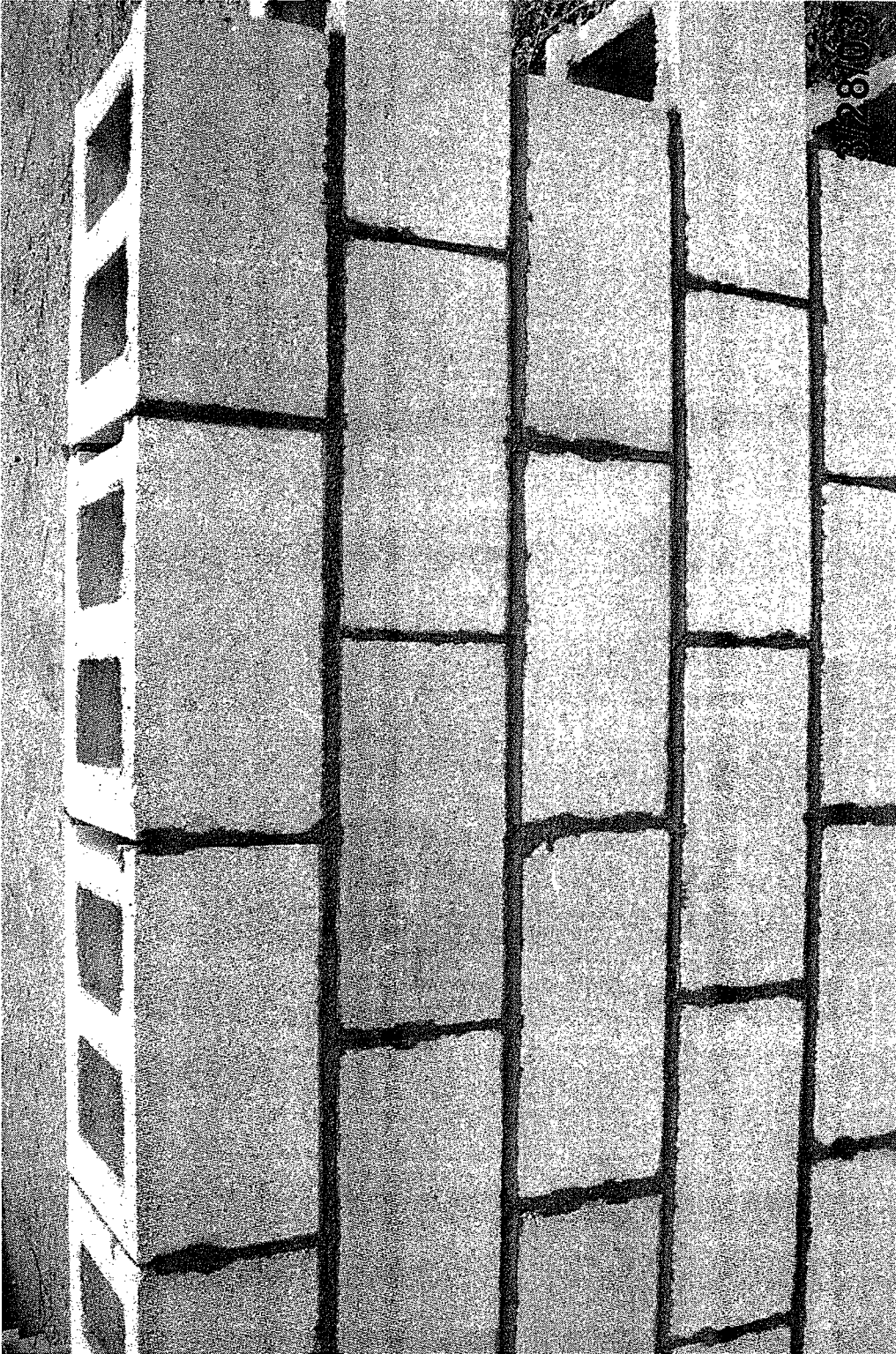
Description of View: Subbase for Wet
Well.

Photograph No.: 171 Date Taken: 3/28

Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Job mock-up
view outside wall
Photograph No.: 172 Date Taken: 3/28
Inspector: R. Helms

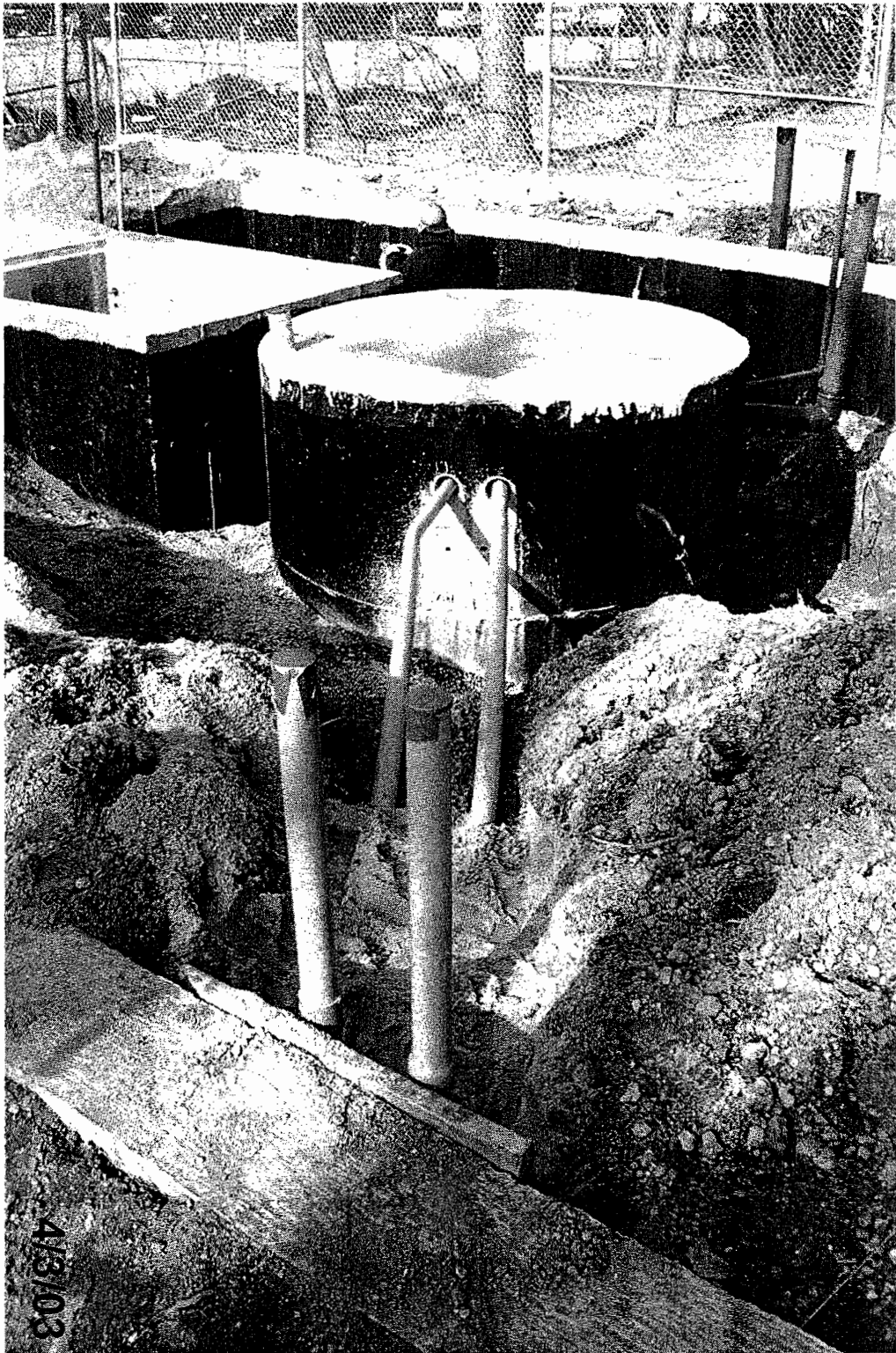


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 → Contract No: D004264
Description of View: Job mock-up
view inside wall.
Photograph No.: 173 Date Taken: 3/28/6
Inspector: R. Helling



4/1/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview Wetwell +
piping to valve vault.
Photograph No.: 174 Date Taken: 4-1-03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

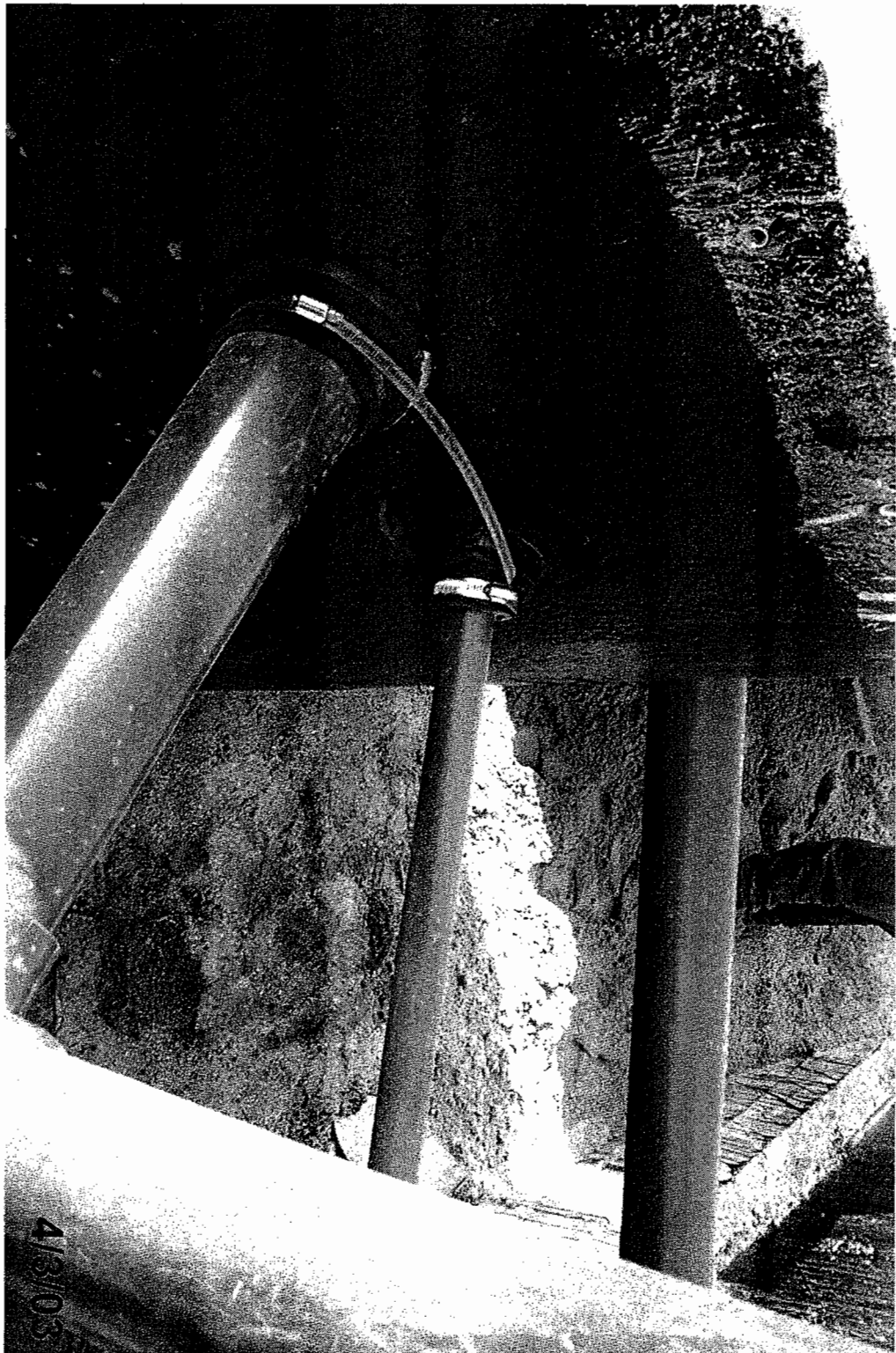
Description of View: Conduits Electrical Con.
tractor to wet well.

Photograph No.: 175 Date Taken: 4/3/03

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview incoming
influent piping.
Photograph No.: 170 Date Taken: 4/3/03
Inspector: R. H. H. H.

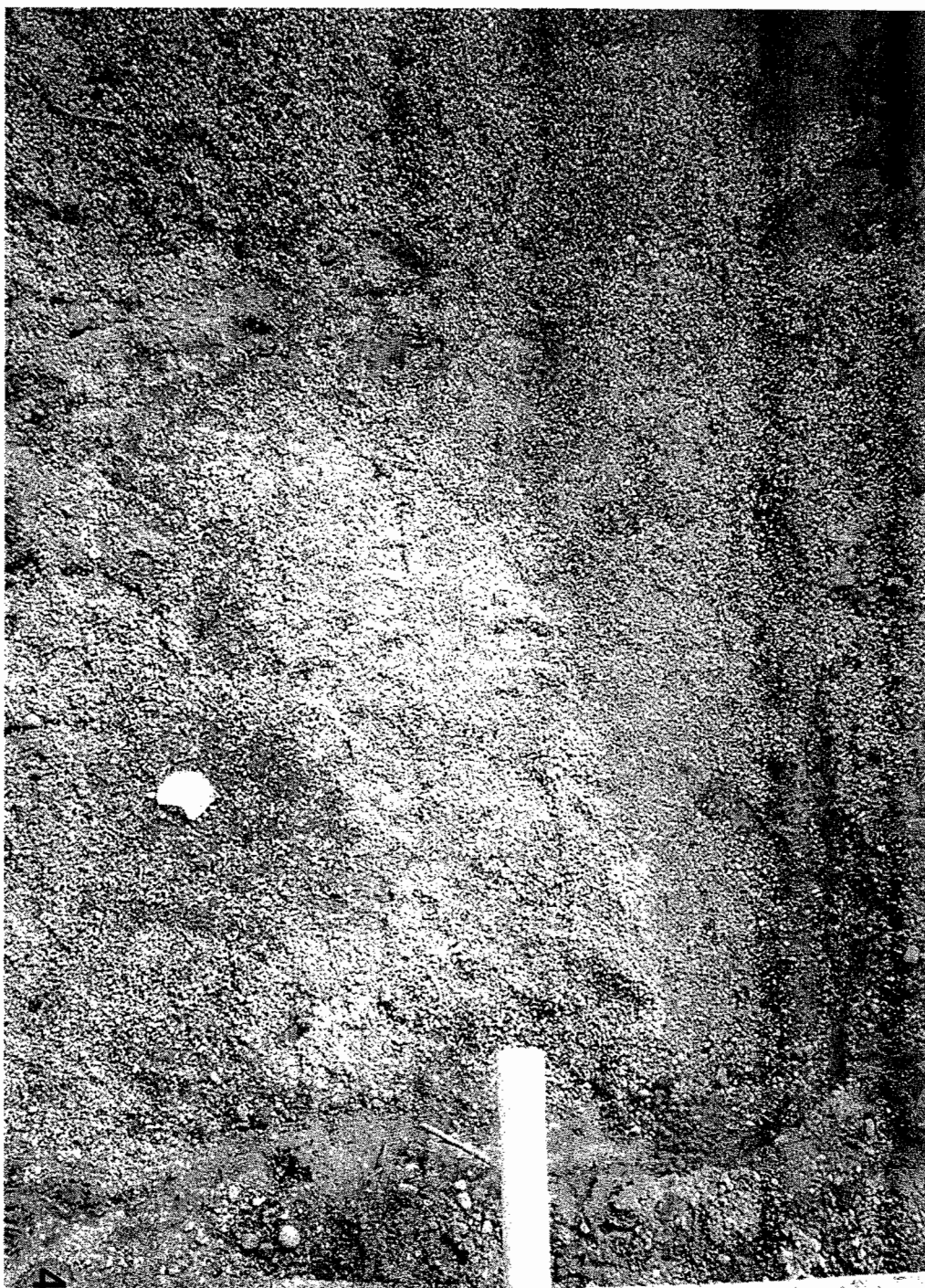


4/3/05

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail pipe boots
wet well (air vent + suction pump)
Photograph No.: 177 Date Taken: 4/3/03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Details condenser valve
vault (Electrical + sump pump)
Photograph No.: 178 Date Taken: 4/3/03
Inspector: R. Heling



4/3/03

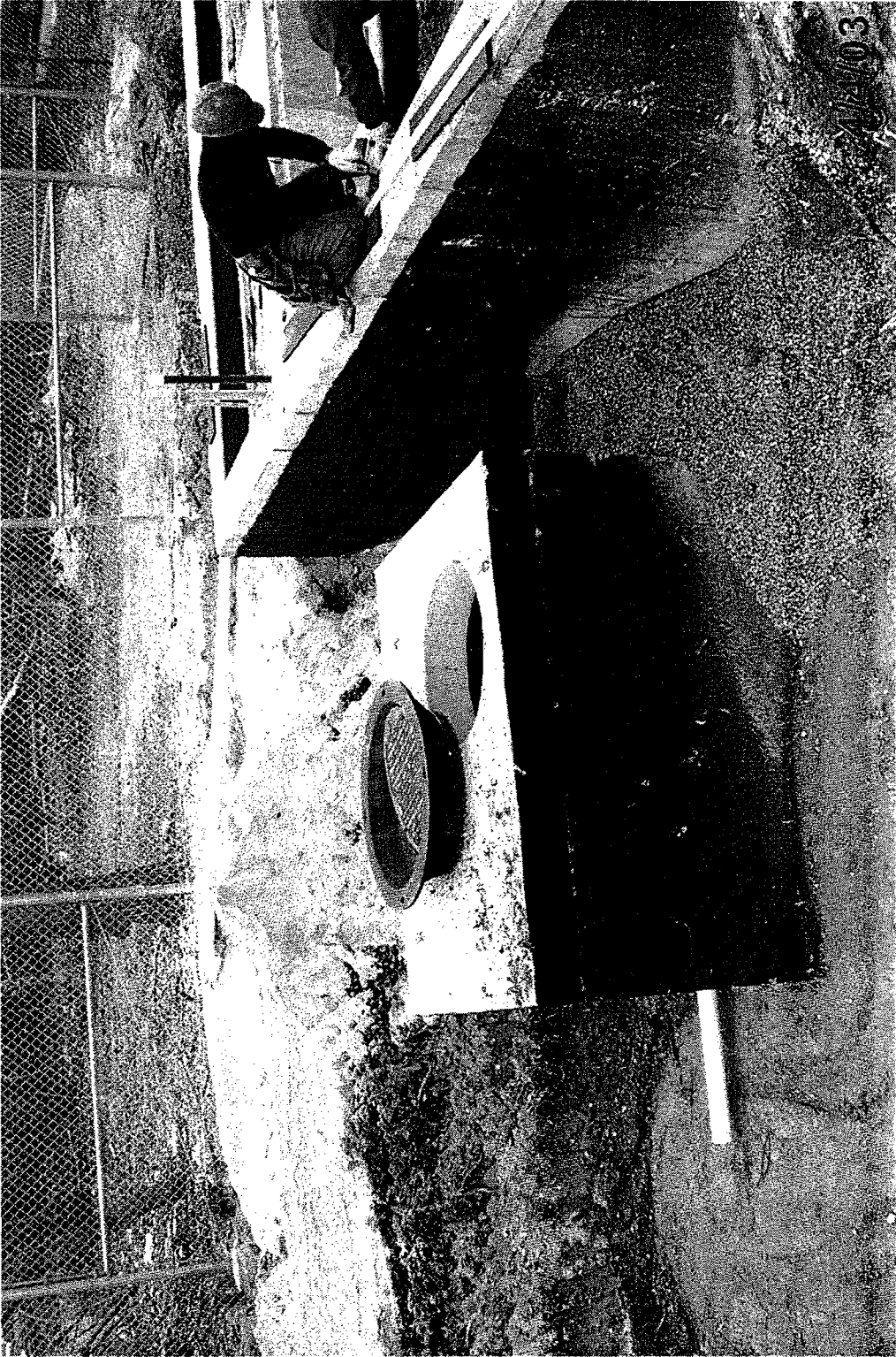
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Subgrade Flow meter
vault
Photograph No.: 179 Date Taken: 4/3/03
Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview subgrade
building floor 1
Photograph No.: 180 Date Taken: 04/3/03
Inspector: B. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview Subgrade
building floor II
Photograph No.: 181 Date Taken: 04/3/03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 — Contract No: D004264
Description of View: Over new flow meter
vault.
Photograph No.: 182 Date Taken: 4/6/03
Inspector: R. Hebing.



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail elbow 90°
SOR 26 @ exit Flow meter vault.

Photograph No.: 183 Date Taken: 4/7/03

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of discharge
effluent force main.
Photograph No.: 184 Date Taken: 4/7/03
Inspector: R. Hebing



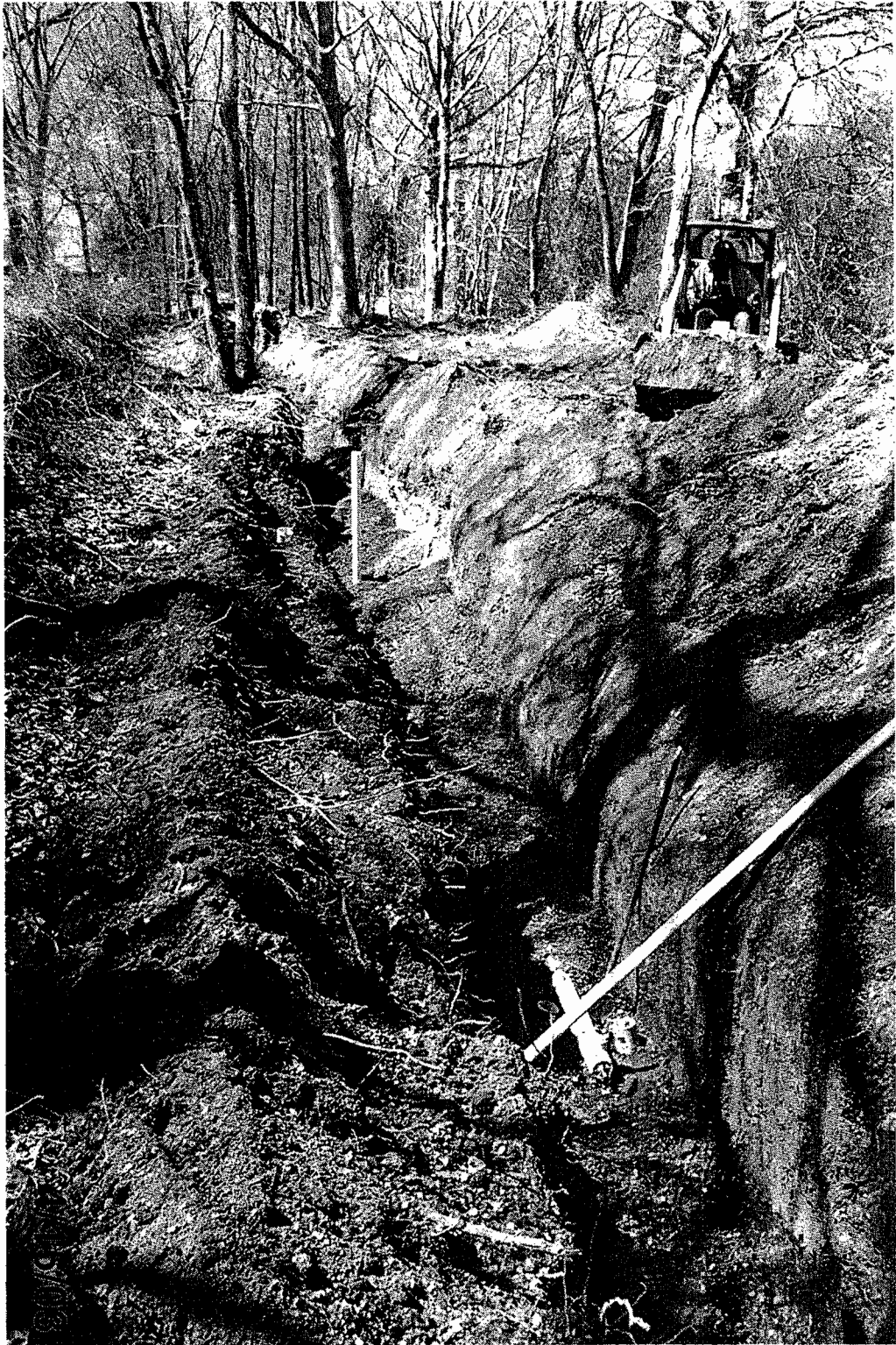
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail compaction @
Flammeter vault failed compaction test.
Photograph No.: 185 Date Taken: 4/7/03
Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Aerial view installation
discharge pipe (50R 26 PVC)
Photograph No.: 186 Date Taken: 4/15/03
Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview installation
discharge pipe (5PR 26 PVC)
Photograph No.: 187 Date Taken: 4/15/03
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Installation of discharge
pipe (SPR 26 PVC)

Photograph No.: 188 Date Taken: 4/15/03

Inspector: R. Helwig



4/18/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of discharge
pipe facing to Franklin Av.
Photograph No.: 189 Date Taken: 4/6/03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

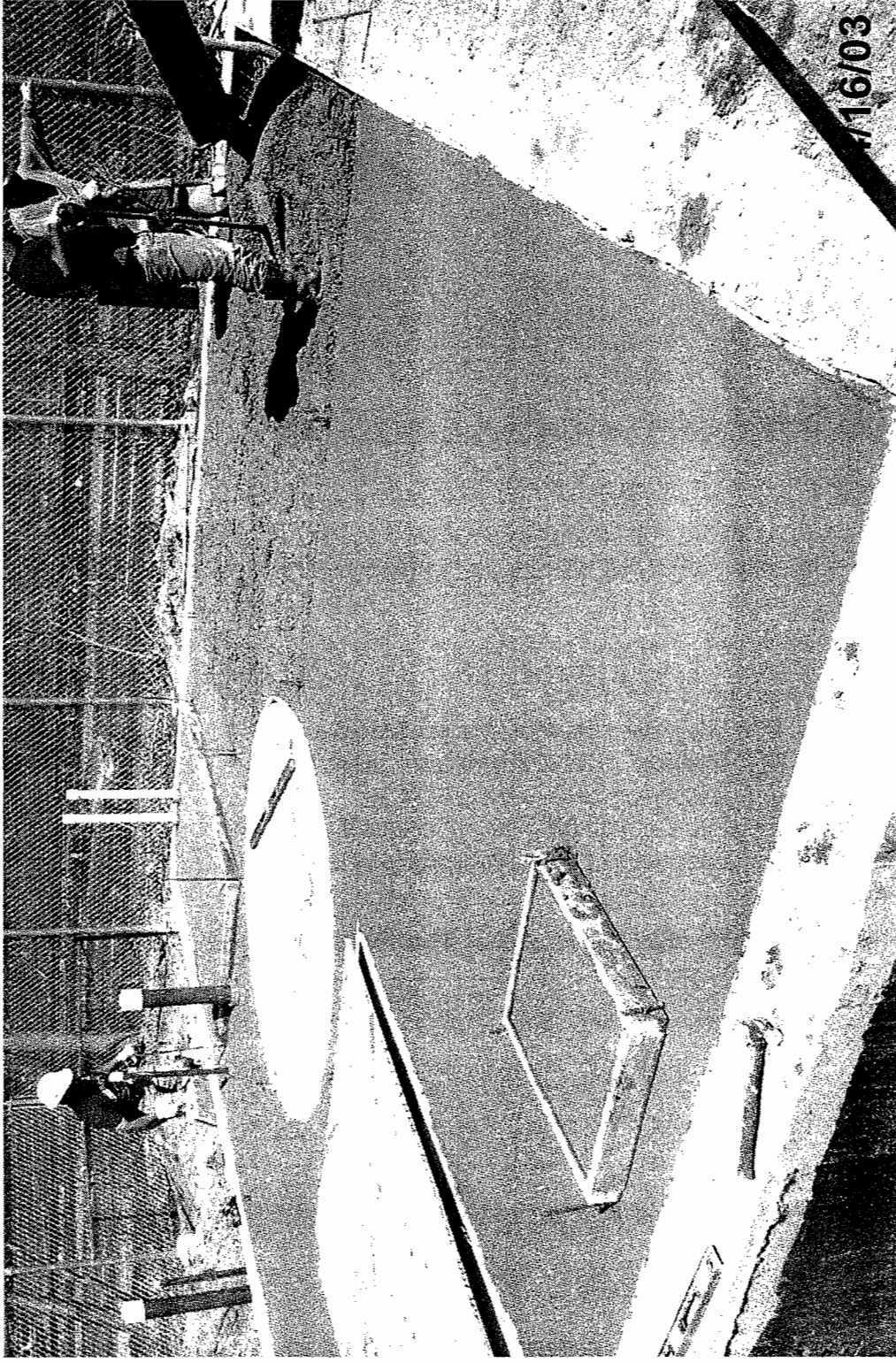
Contractor: URS CORPORATION

Site No.: 1-30-050 -- Contract No: D004264

Description of View: Installation of discharge
pipe facing to GWTB

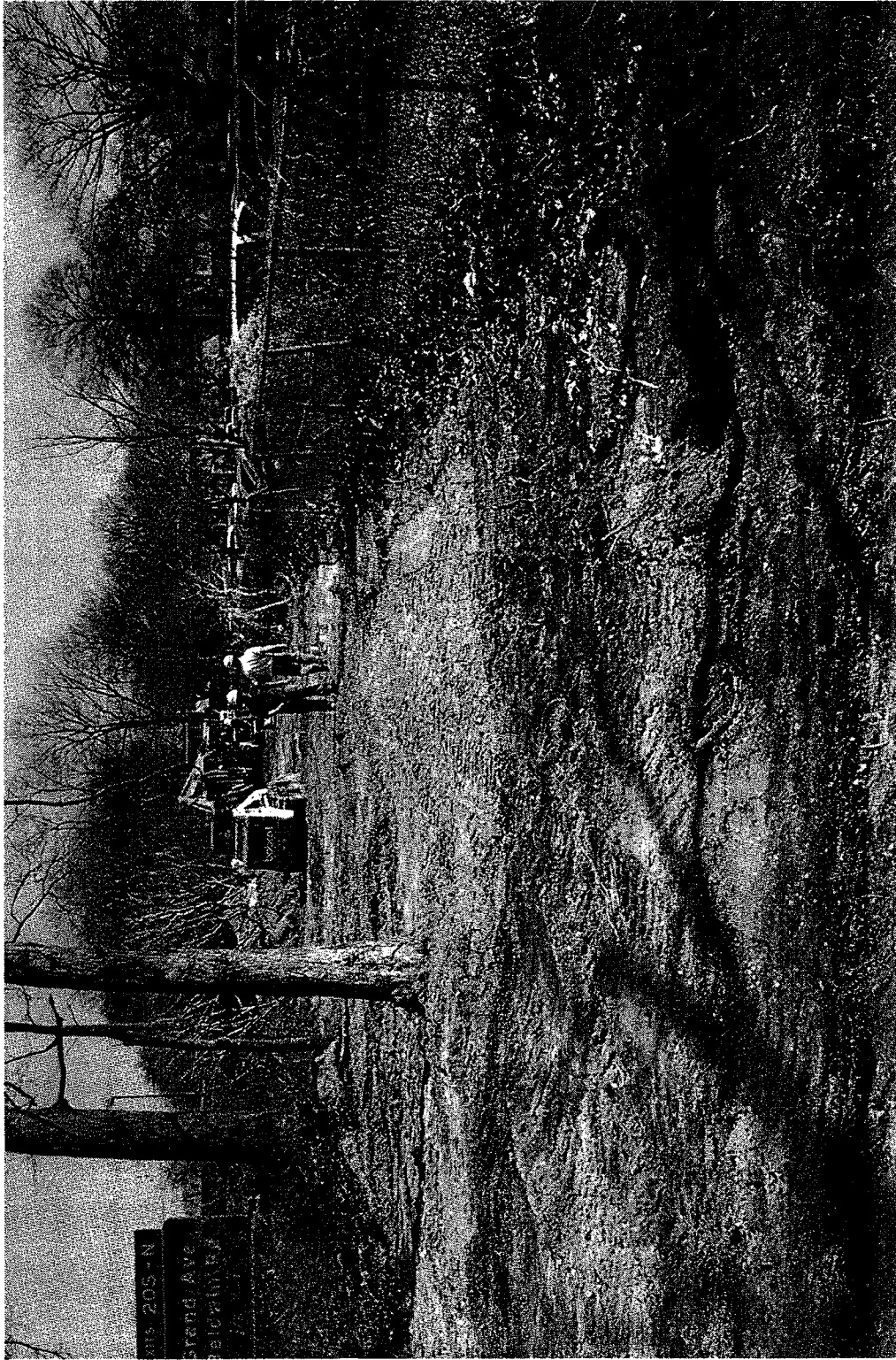
Photograph No.: 190 Date Taken: 4/16/03

Inspector: R. Helling



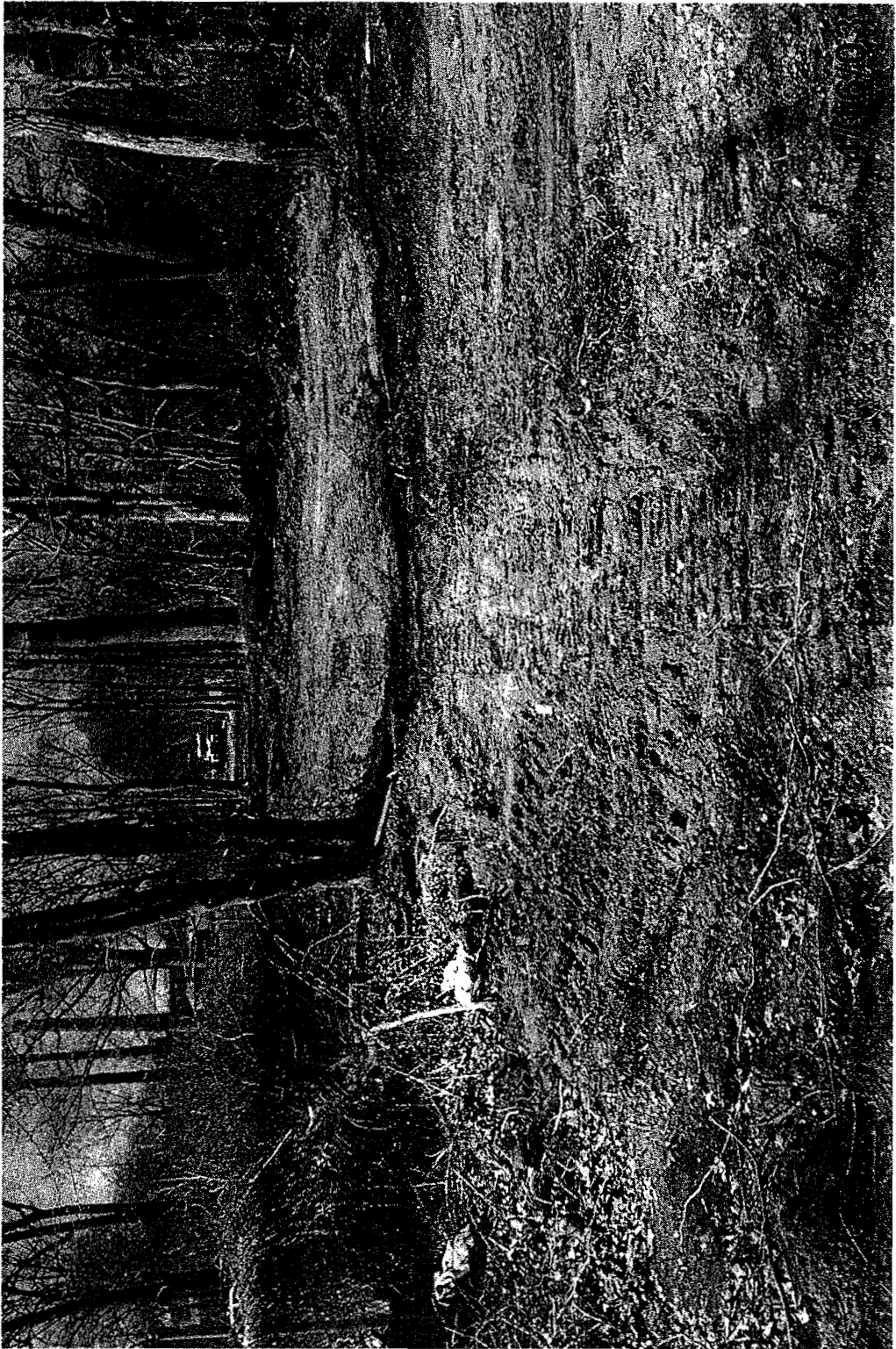
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Concrete placement

Photograph No.: 191 Date Taken: 4/6/03
Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: _____

Photograph No.: 192 Date Taken: 4/16/03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: _____

Photograph No.: 193 Date Taken: 4/16/03
Inspector: B. Helwig



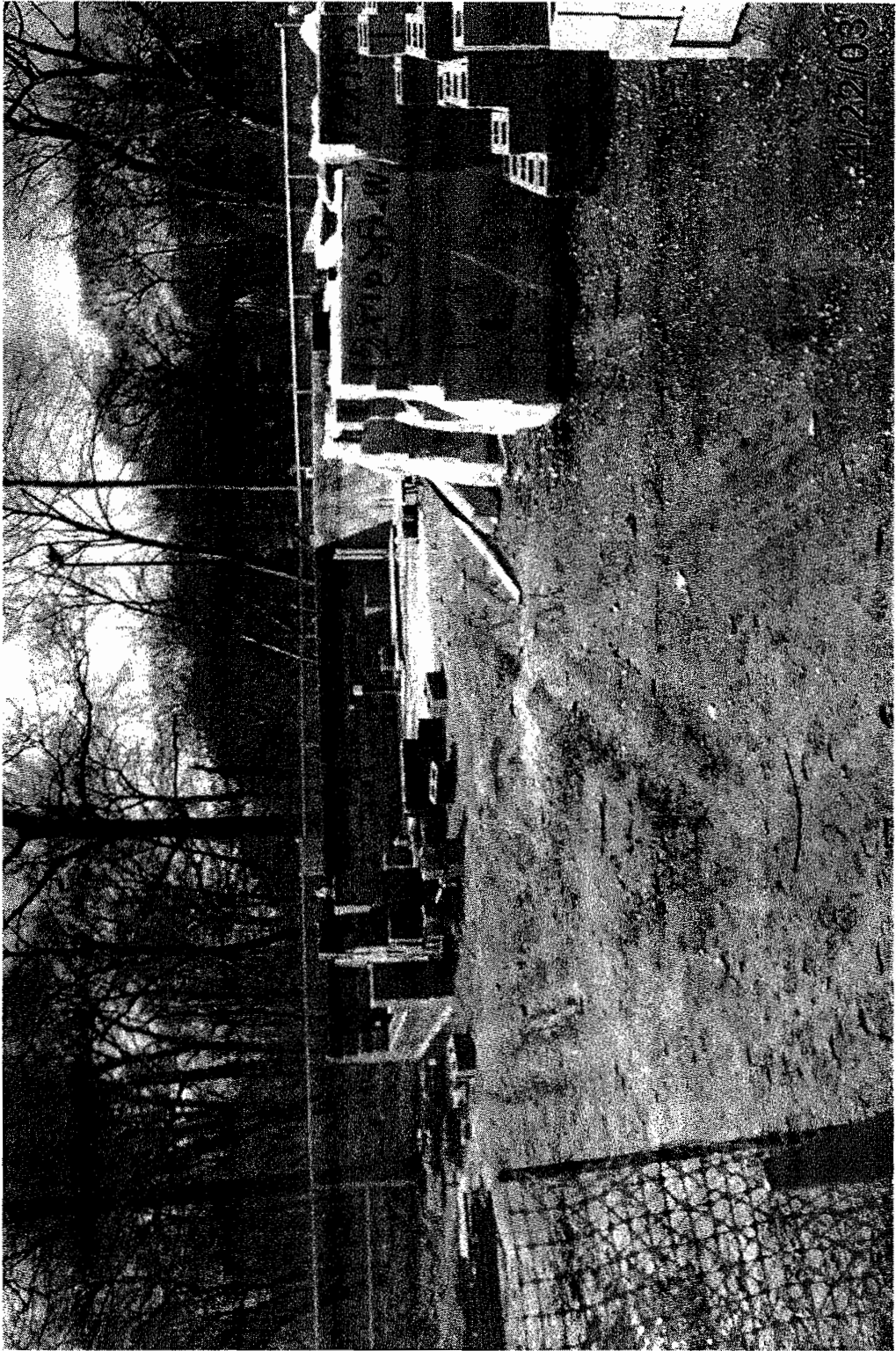
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: _____

Photograph No.: 194 Date Taken: 4/19/03
Inspector: F DeVito

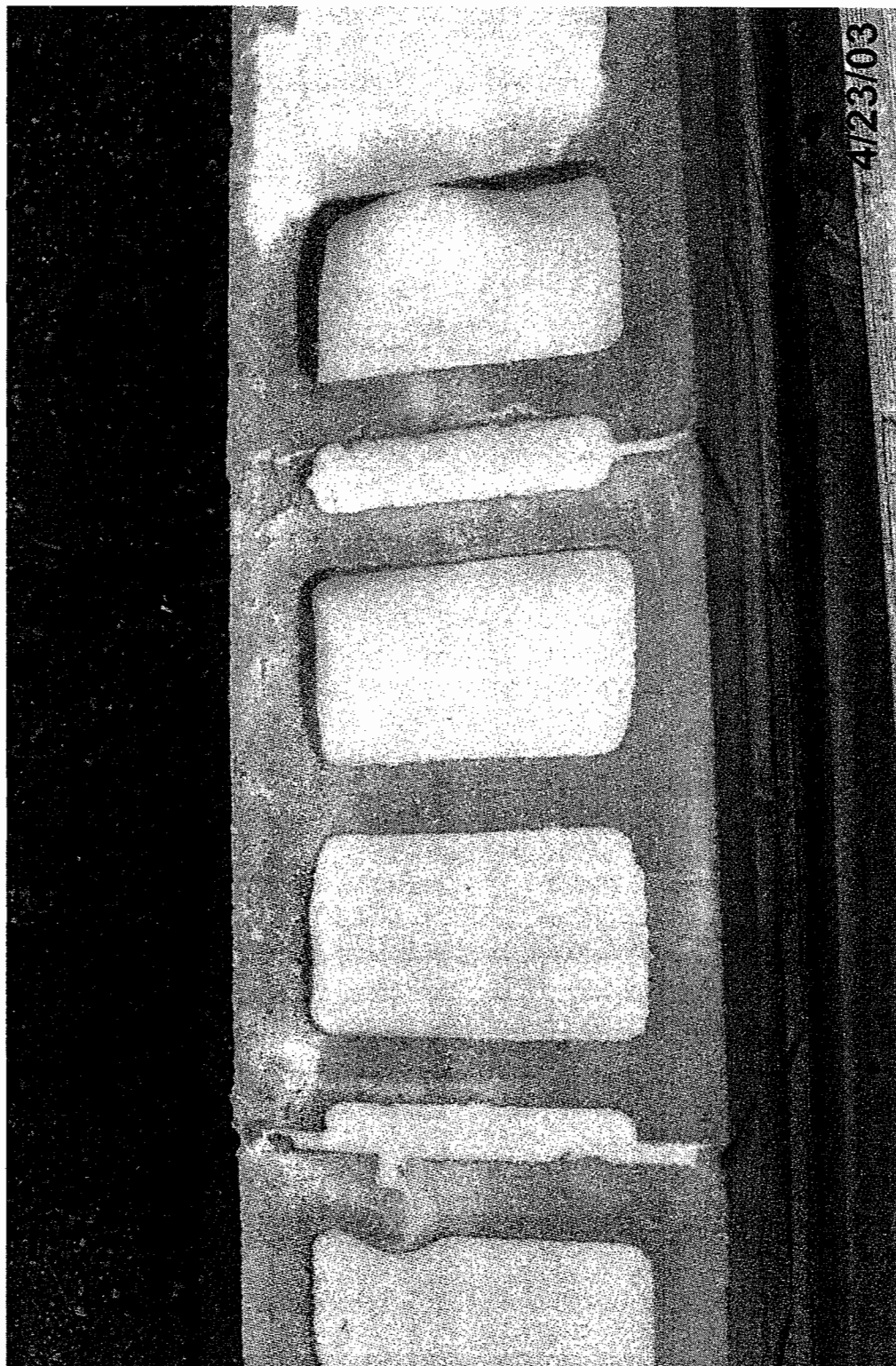


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: _____

Photograph No.: 195 Date Taken: 4/24/03
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview Treatment
building
Photograph No.: 196 Date Taken: 4/22
Inspector: F DeVito



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detent loose fill
insulation.
Photograph No.: 197 Date Taken: 4/23
Inspector: F DeVita



4/23/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview Trailer
staging area
Photograph No.: 198 Date Taken: 4/23
Inspector: F DeVita

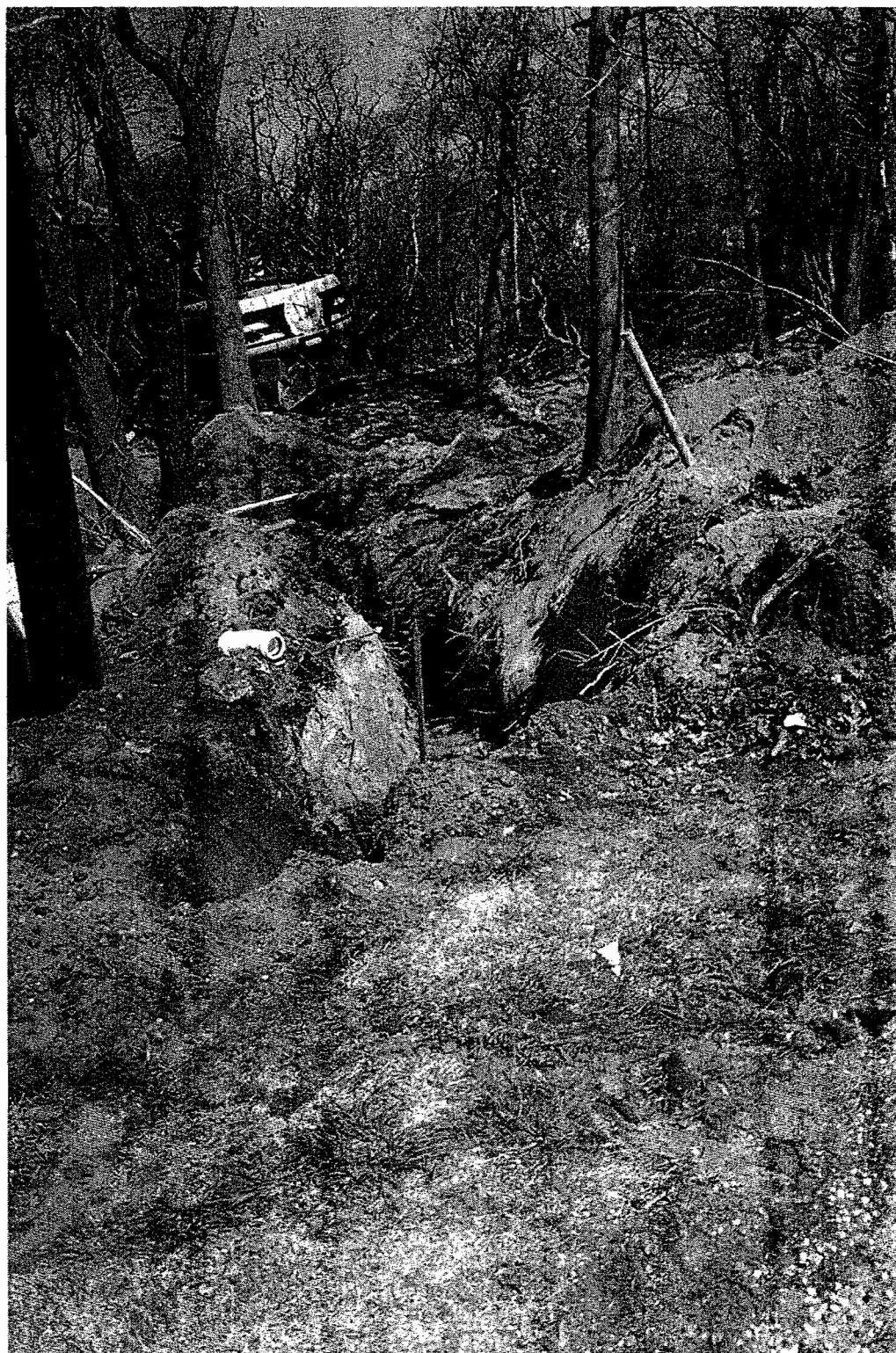


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview discharge
trench facing west @ Hempst Av
Photograph No.: 199 Date Taken: 4/24
Inspector: F DeVita



1/24/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 Contract No: D004264
Description of View: Removing fence at
Hempstead Av
Photograph No.: 200 Date Taken: 4/24
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 Contract No: D004264
Description of View: Overview discharge
branch along Hempstead Av
Photograph No.: 201 Date Taken: 4/24
Inspector: F. DeVita



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 -- Contract No: D004264

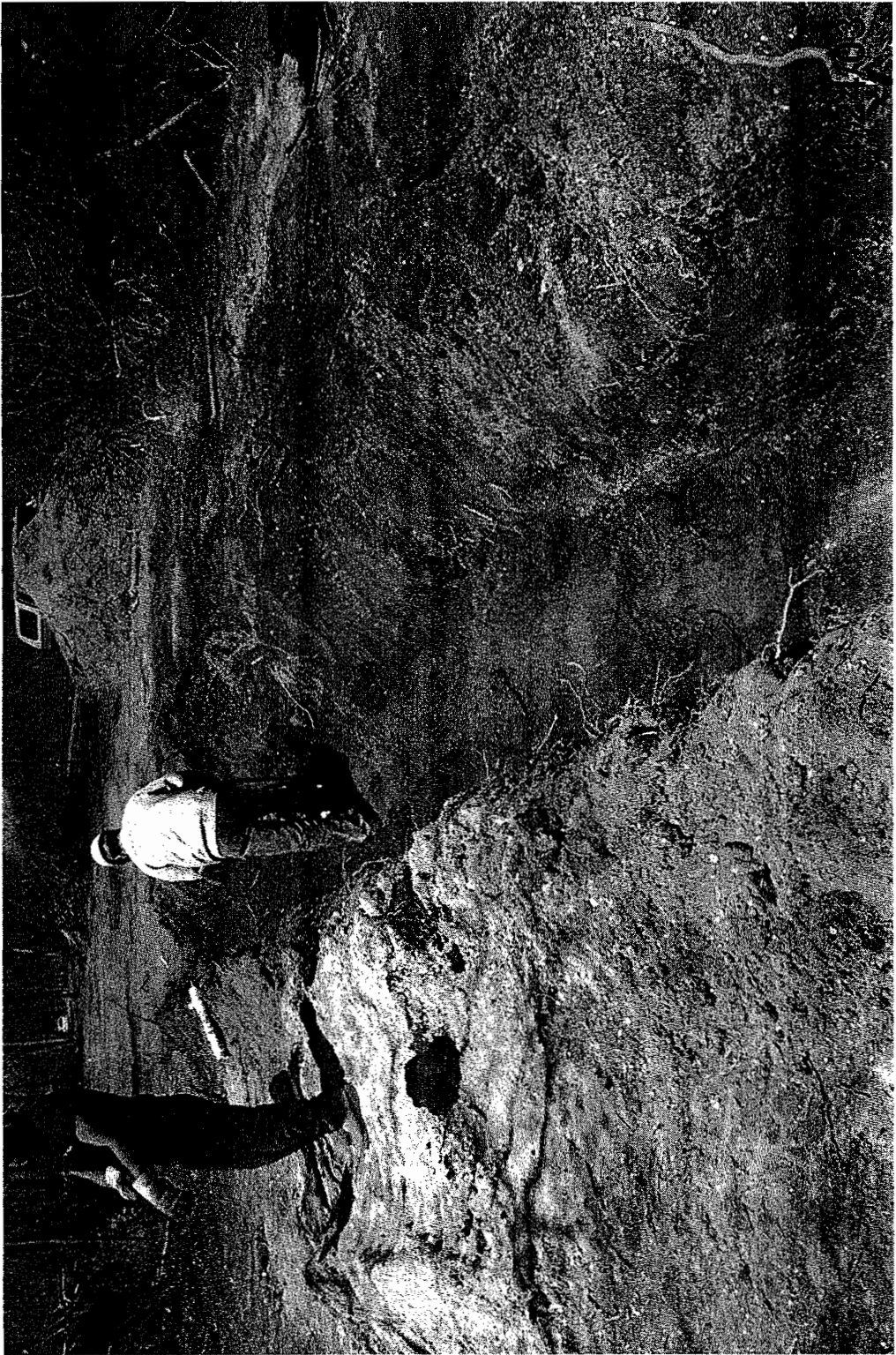
Description of View: Gas valve and 2"
gas line -

Photograph No.: 202 Date Taken: 4/24

Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Installation of SPR
26 3" PVC pipe
Photograph No.: 203 Date Taken: 4/24
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Backfill and
compacting
Photograph No.: 204 Date Taken: 4/24
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050
Contract No: D004264
Description of View: Overview discharge trench
Photograph No.: 205 Date Taken: 4/24
Inspector: F. DeVita



1/24/00

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: _____

Photograph No.: 206 Date Taken: 4/24
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: 4" x 2" pvc gas
line along Hempstead Av

Photograph No.: 207 Date Taken: 4/28

Inspector: R. Heling



4/30/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: _____

Photograph No.: 208 Date Taken: 4/28
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail of 2nd & 3rd.
22 1/2 degree elbow.

Photograph No.: 209 Date Taken: 4/30

Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail 3rd 22 1/2 degree
elbow along Hempstead Av
Photograph No.: 210 Date Taken: 4/30
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

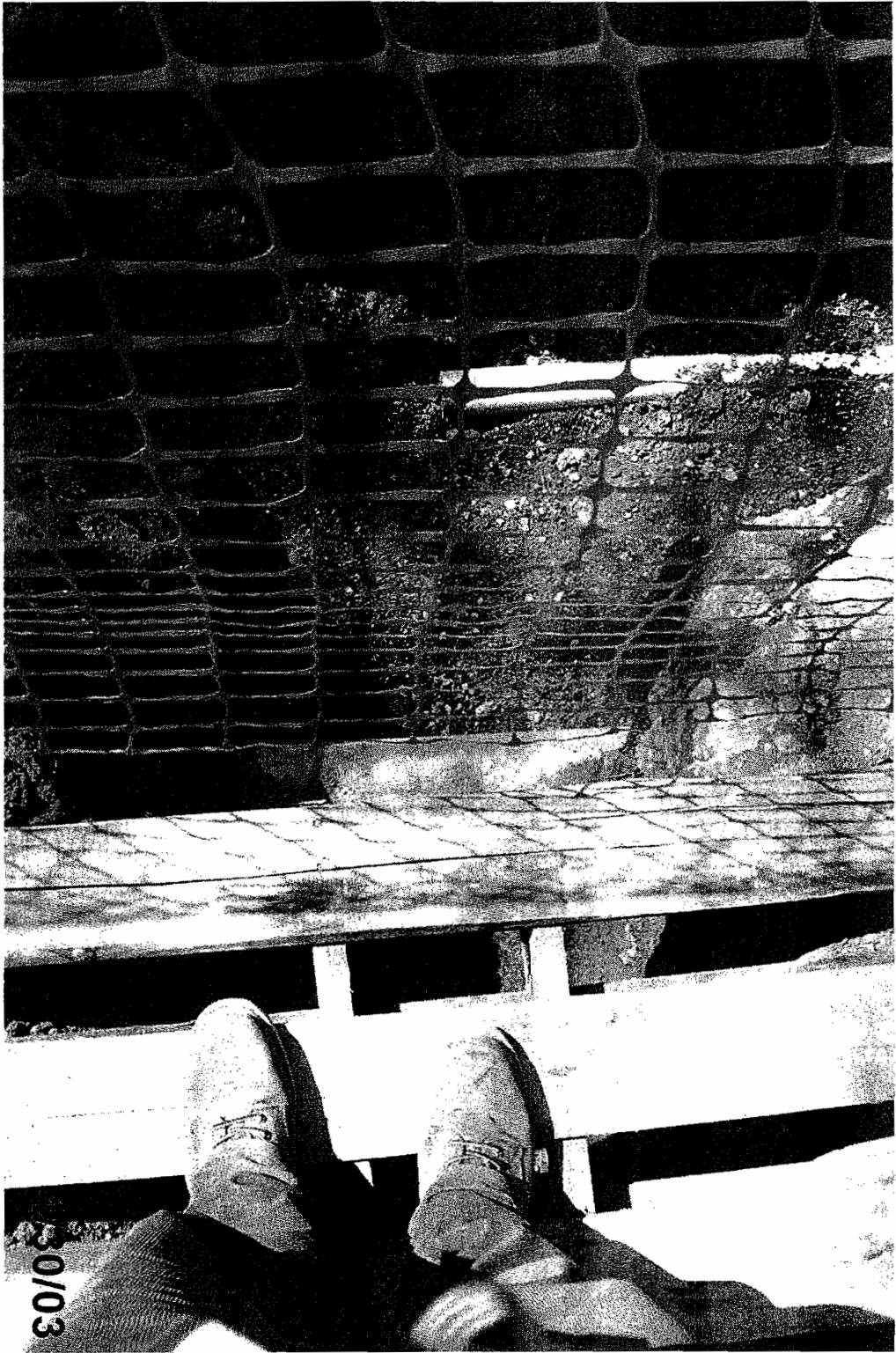
Contractor: URS CORPORATION

Site No.: 1-30-050 Contract No: D004264

Description of View: Installation of 3" PVC
SPR 26 along Hempstead Rv facing North

Photograph No.: 211 Date Taken: 4/30

Inspector: TC Helbing



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: End point for 90
degree elbow to manhole

Photograph No.: 212 Date Taken: 4/30

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview subgrade
swale behind treatment building

Photograph No.: 213 Date Taken: 5/2

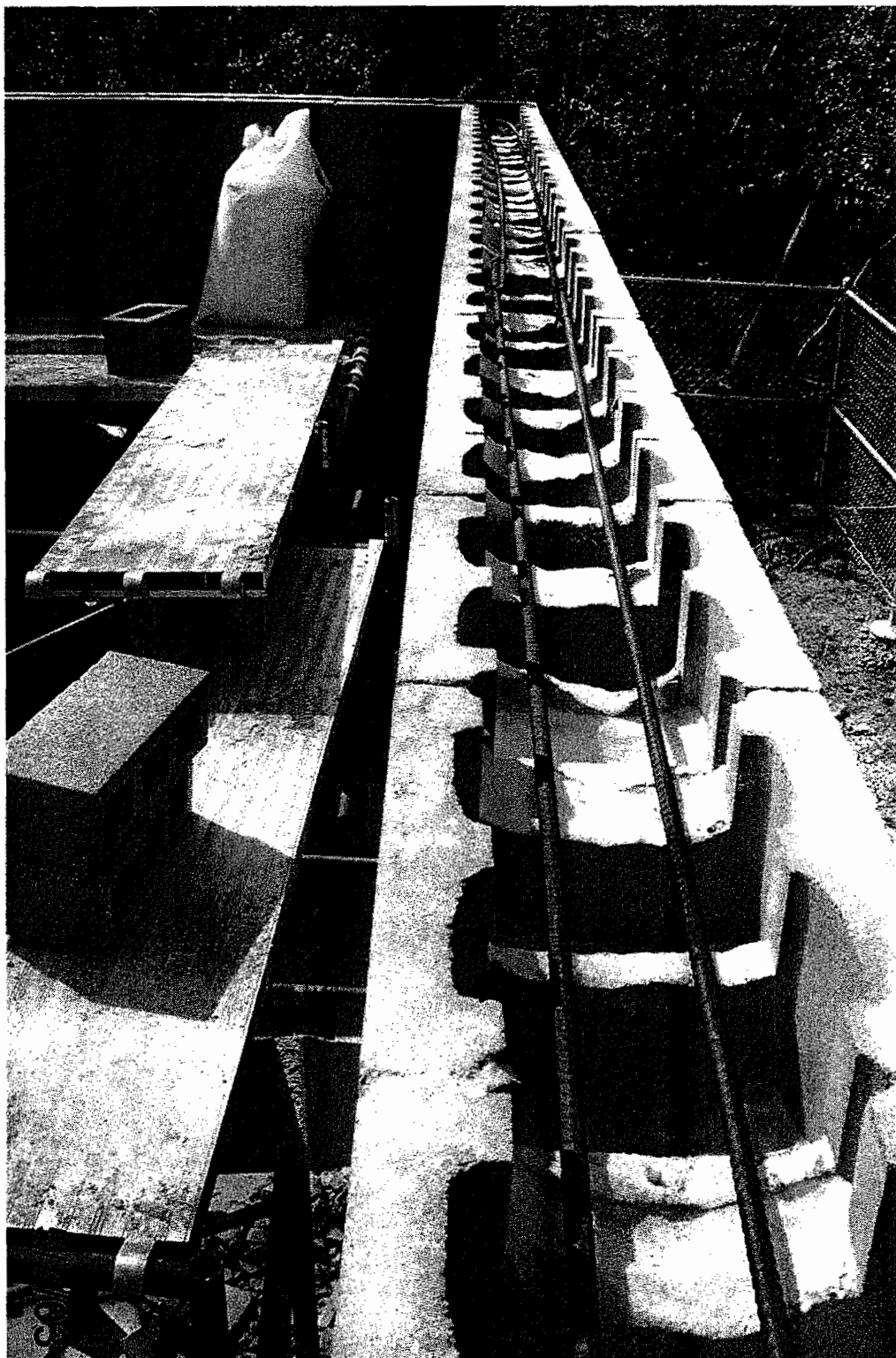
Inspector: R. Helting



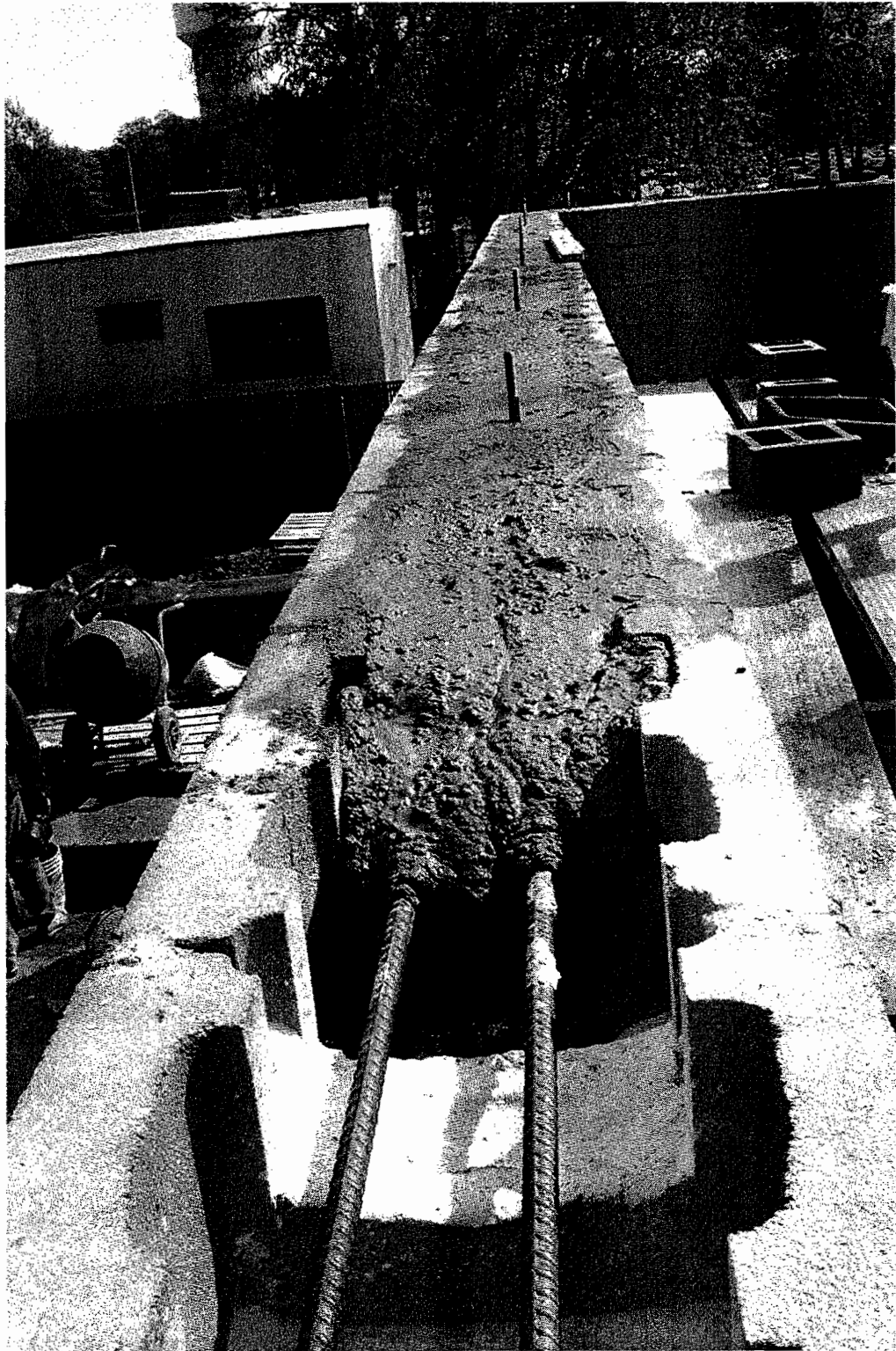
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overlook subgrade
swale
Photograph No.: 214 Date Taken: 5/2
Inspector: R Heling



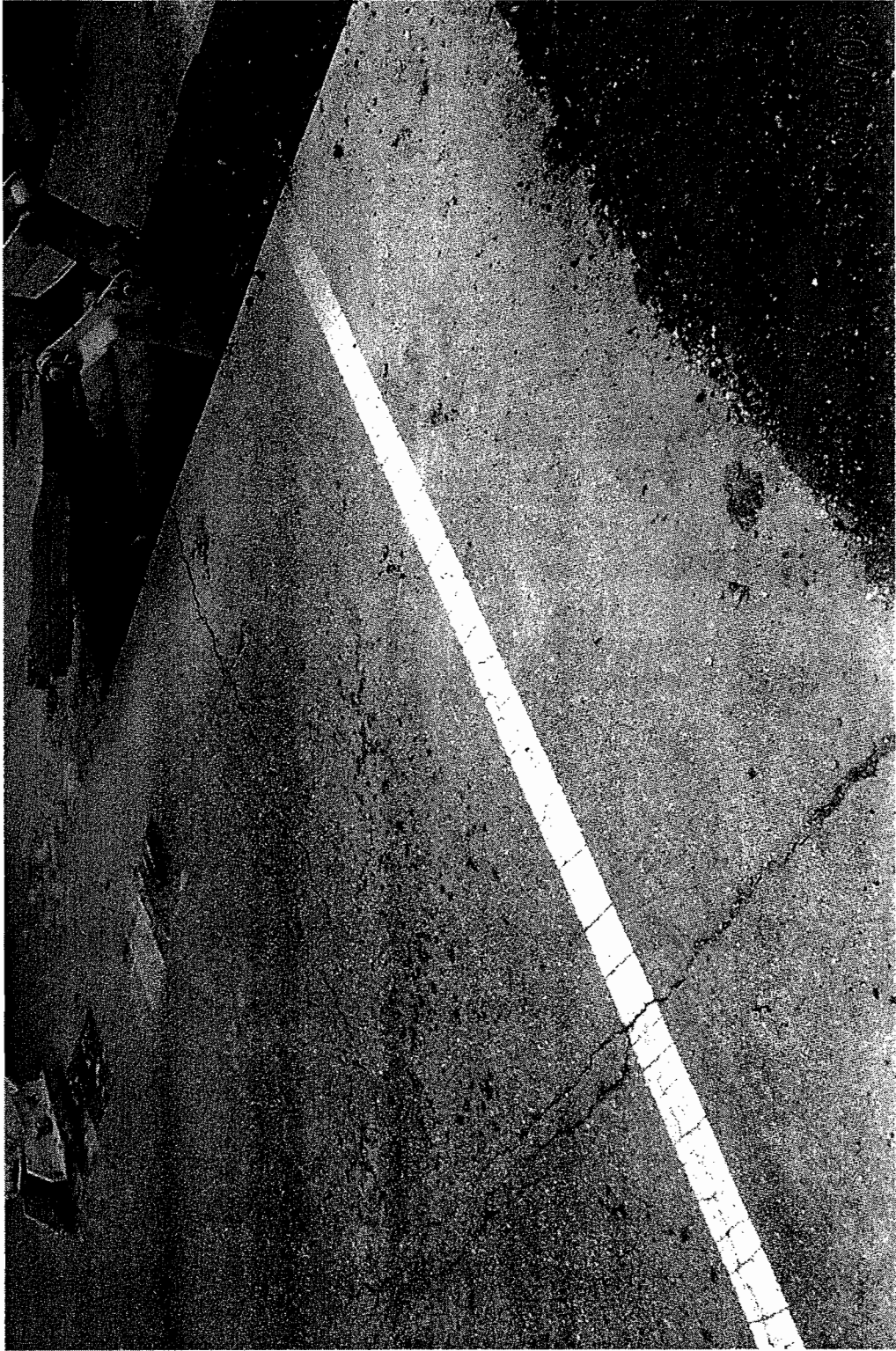
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail of rebar in
bond beam NE corner of building.
Photograph No.: 215 Date Taken: 5/7
Inspector: R. Heling.



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview of Rebar
in bond beam (facing west)
Photograph No.: 216 Date Taken: 5/7
Inspector: R Heling

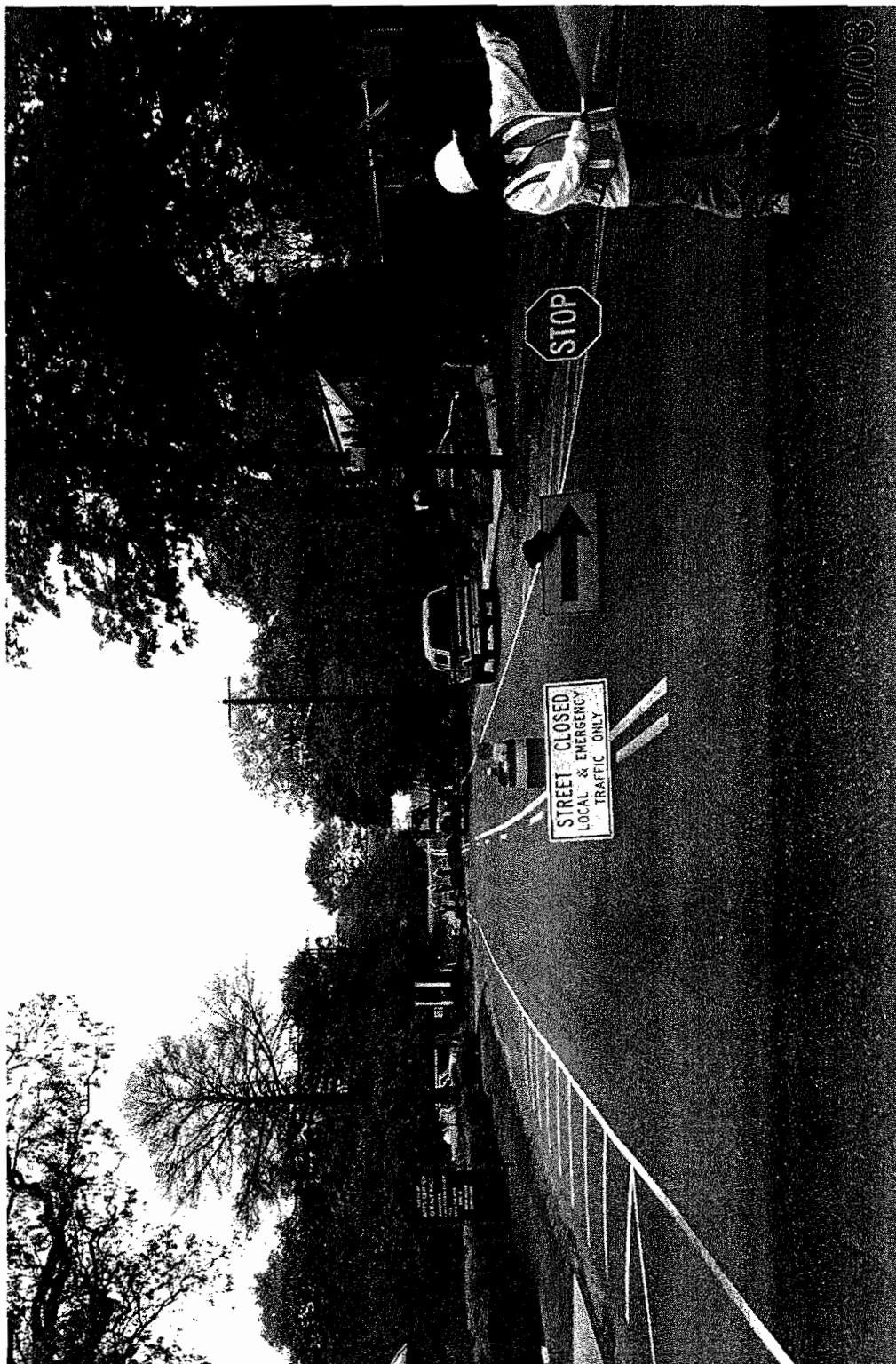


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of concrete
in East wall facing south
Photograph No.: 217 Date Taken: 5/7
Inspector: R Heling

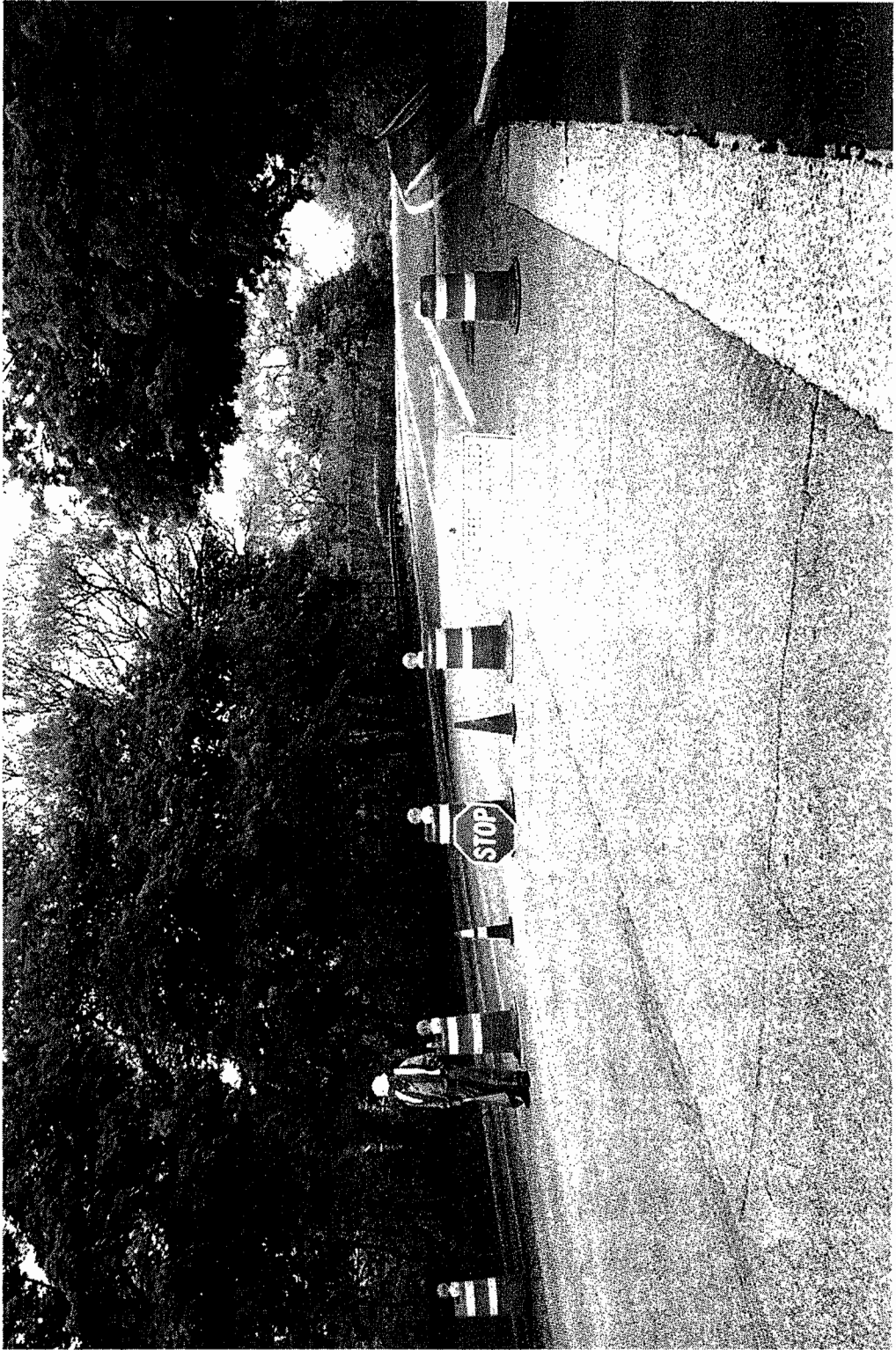


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview asphalt

Photograph No.: 218 Date Taken: 5/10
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 Contract No: D004264
Description of View: Road closure
south side
Photograph No.: 219 Date Taken: 5/10
Inspector: R Heling

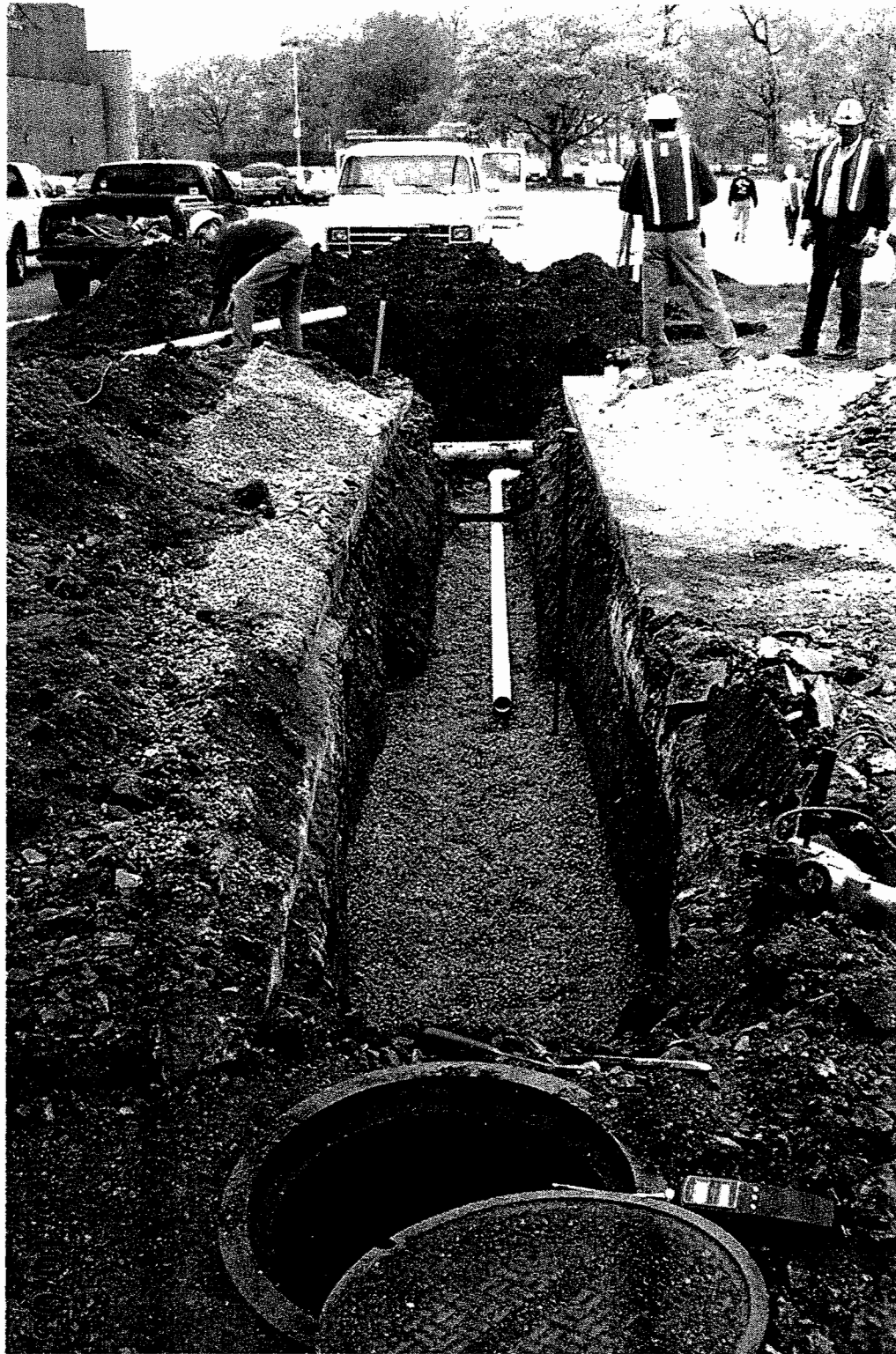


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 Contract No: D004264
Description of View: Road closure
north side Frankling Av.
Photograph No.: 220 Date Taken: 5/10
Inspector: R. Holing

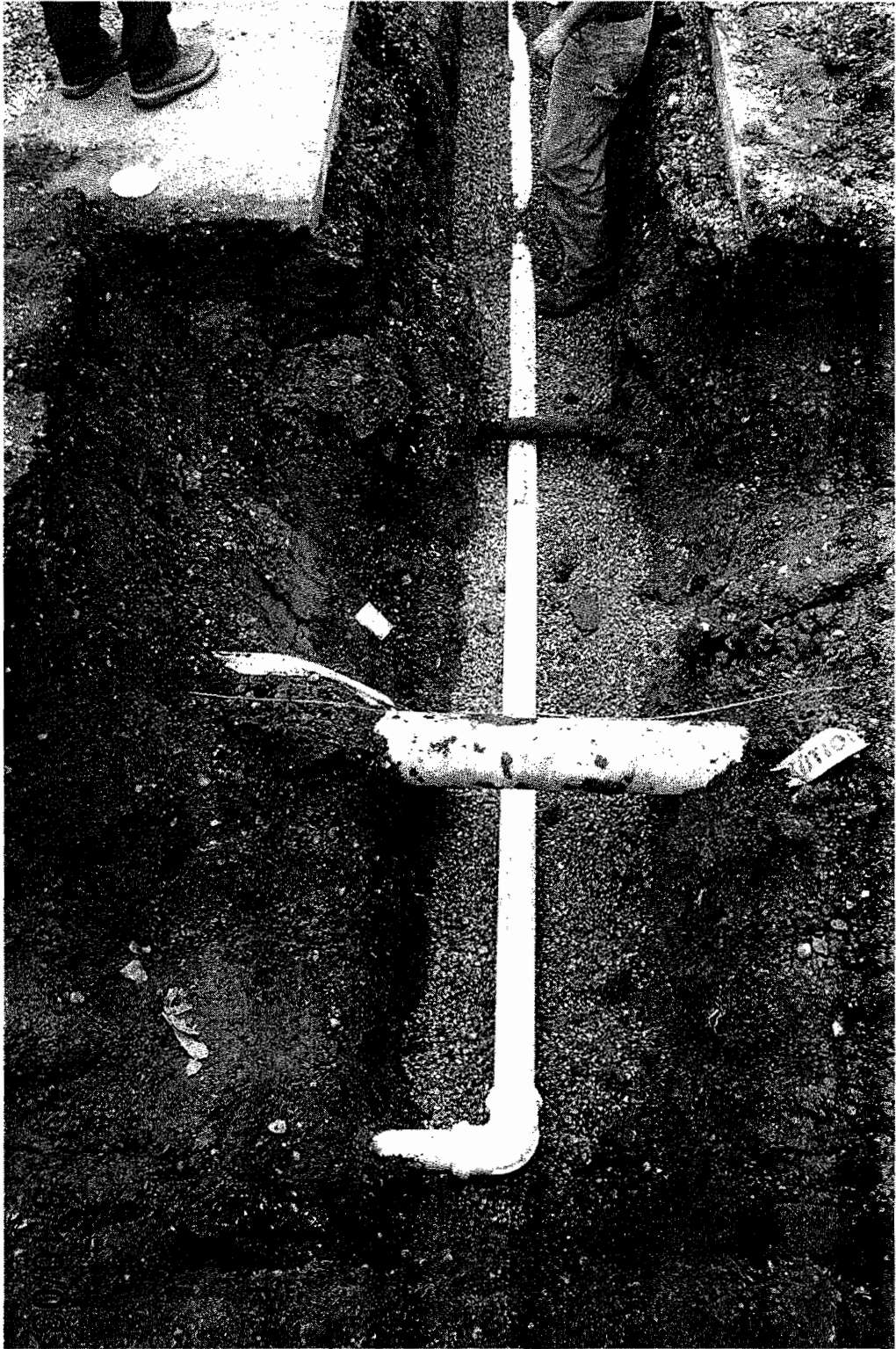


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Excavation

Photograph No.: 221 Date Taken: 5/10
Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of SDR
26 pipe.
Photograph No.: 222 Date Taken: 5/10
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

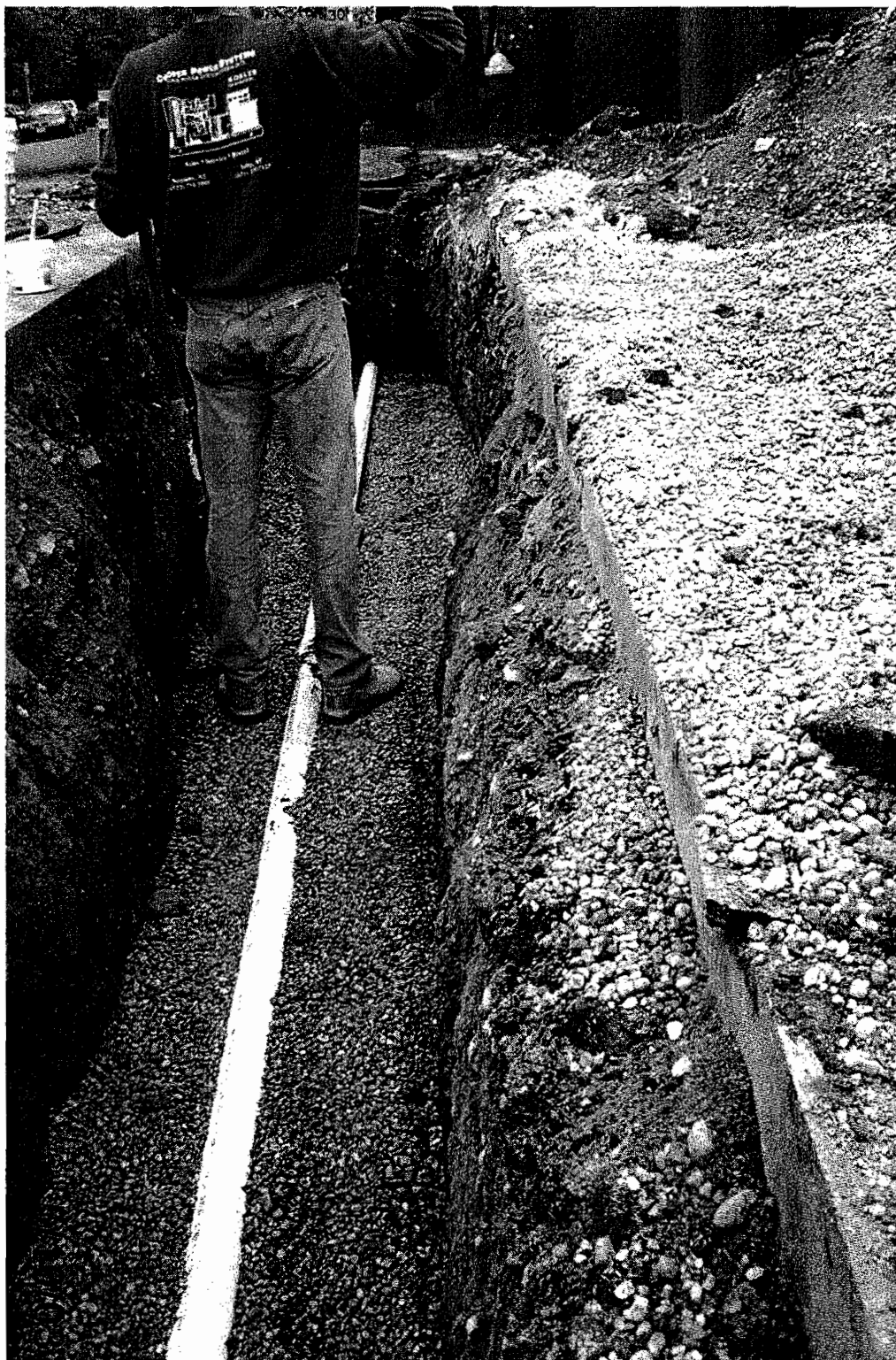
Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview SDR 26 pipe

@ gas line along Franklin Av

Photograph No: 223 Date Taken: 5/10

Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 Contract No: D004264
Description of View: Pipe installation
SDR 26 pvc.
Photograph No.: 224 Date Taken: 5/10
Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Backfilling pipe

Photograph No.: 225 Date Taken: 5/10
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail asphalt
south side trench.
Photograph No.: 226 Date Taken: 5/10.
Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Detail asphalt
north side trench
Photograph No.: 227 Date Taken: 5/10
Inspector: R. Helting



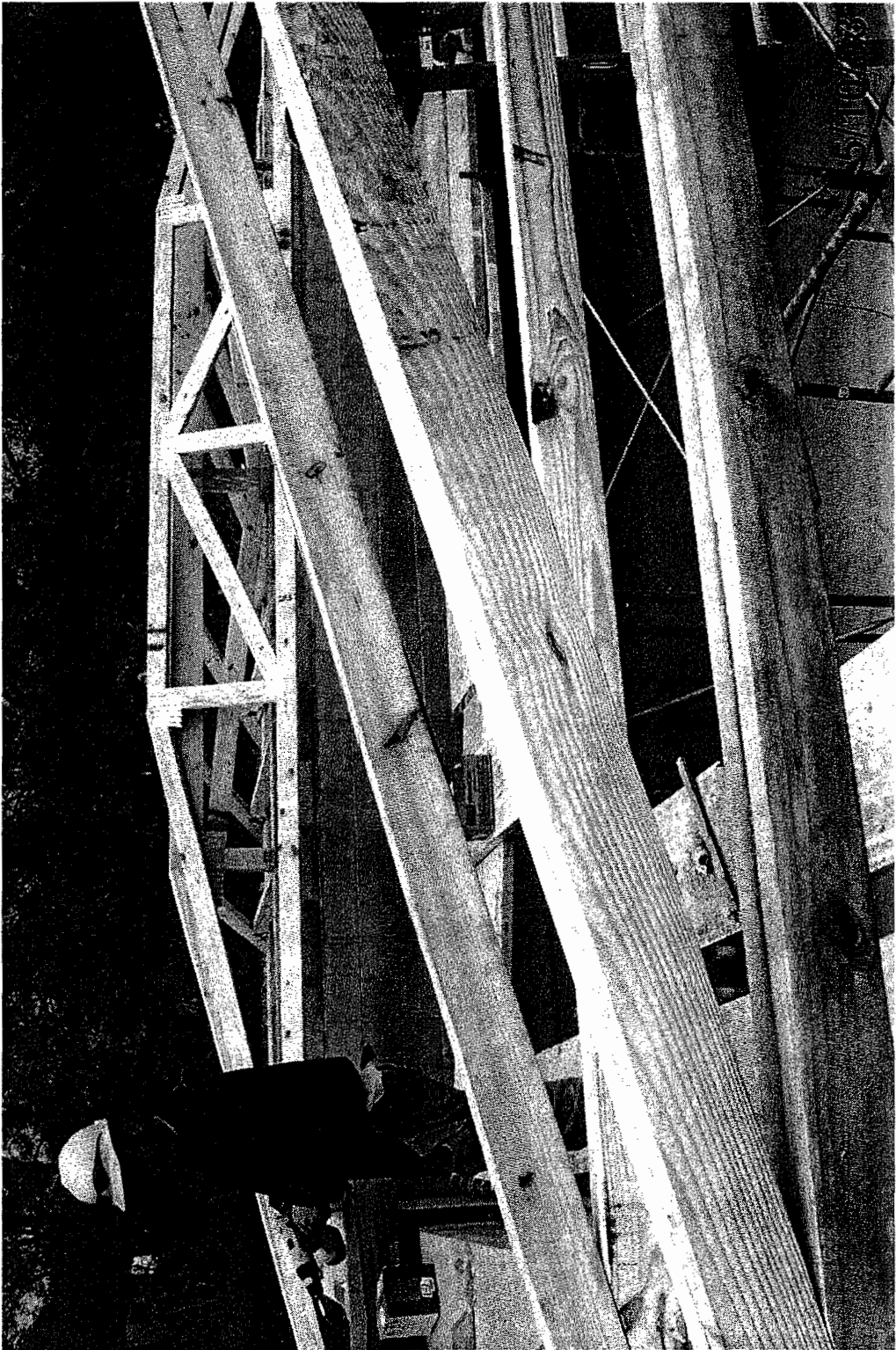
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Backfilling SDR
26 pvc pipe w. pea gravel
Photograph No.: 228 Date Taken: 5/10
Inspector: R. Helting



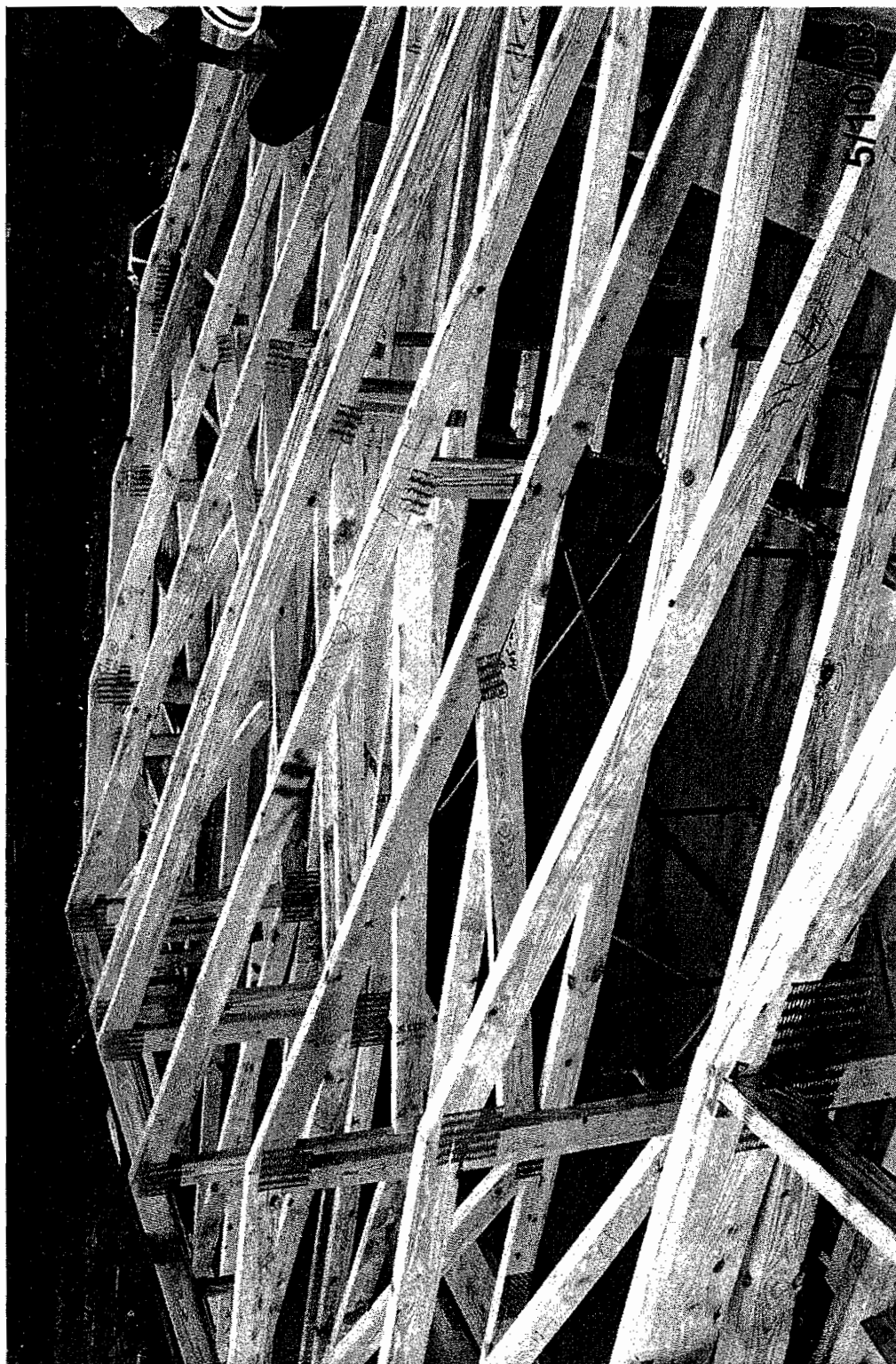
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Water plug material
grouting manhole inlet.
Photograph No.: 22g Date Taken: 5/10
Inspector: R Helwig



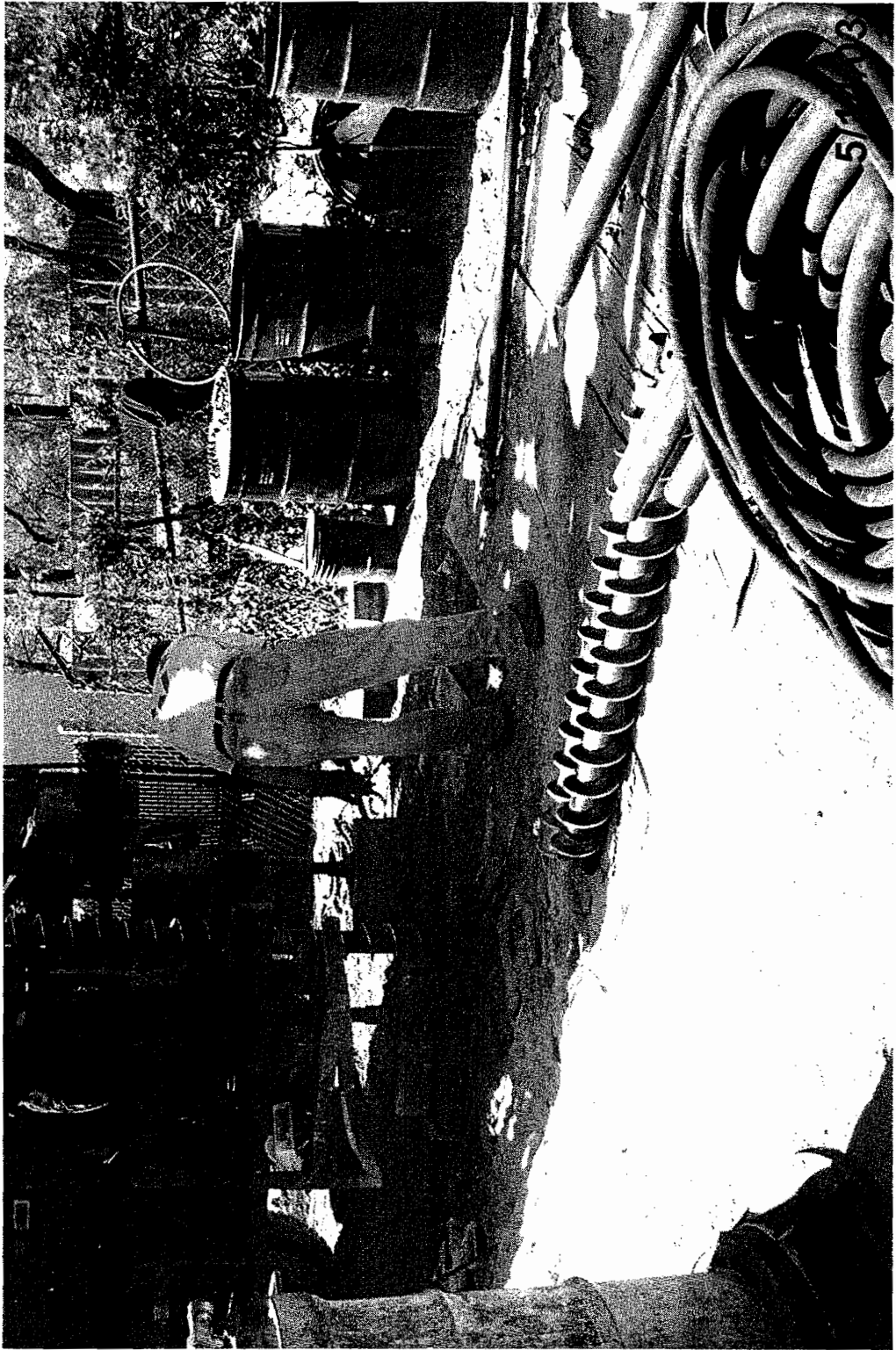
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail manhole
inlet after grouting.
Photograph No.: 230 Date Taken: 5/10
Inspector: R Helwig



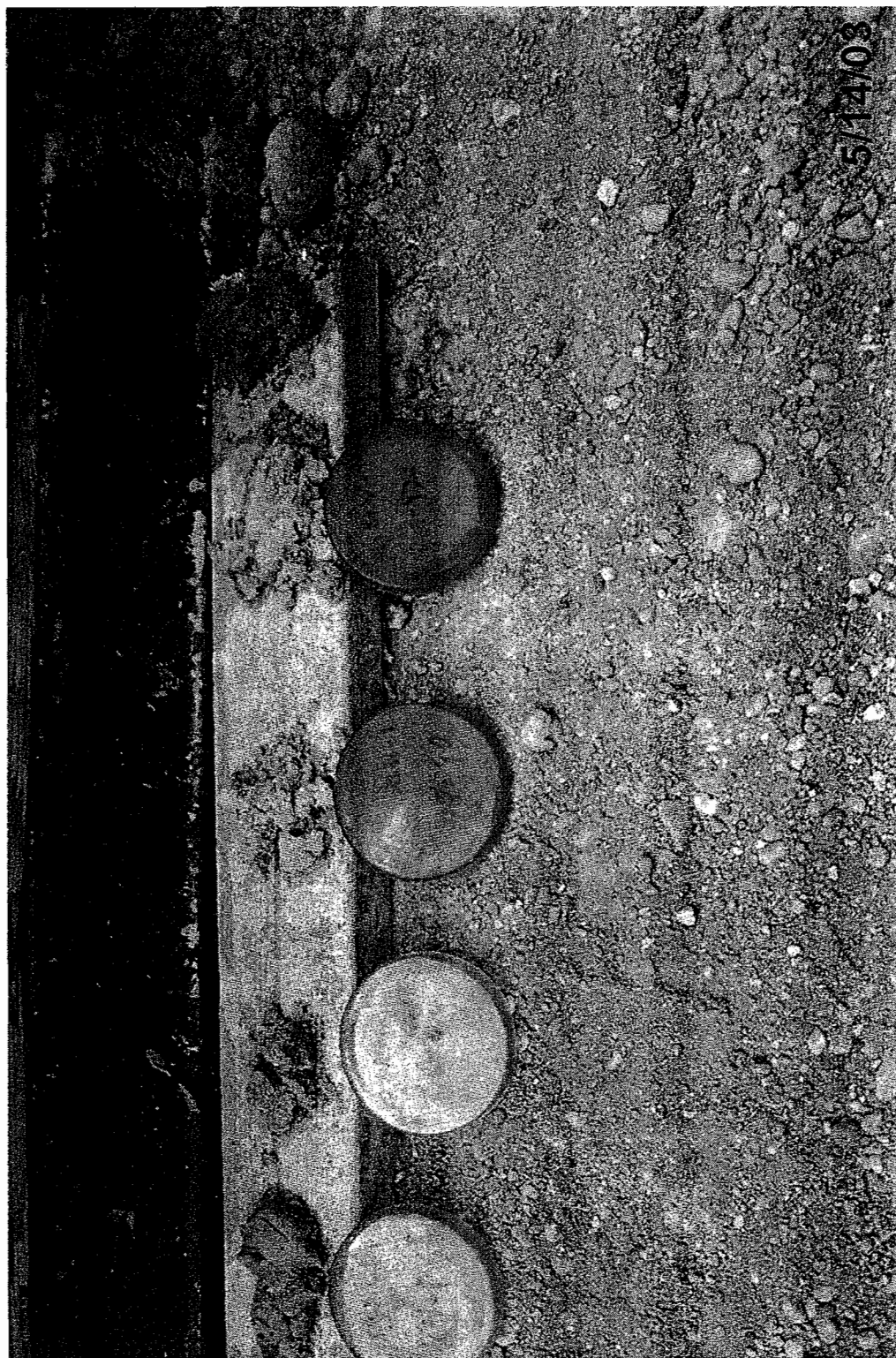
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of roof
trusses
Photograph No.: 231 Date Taken: 5/10
Inspector: R. Helwig



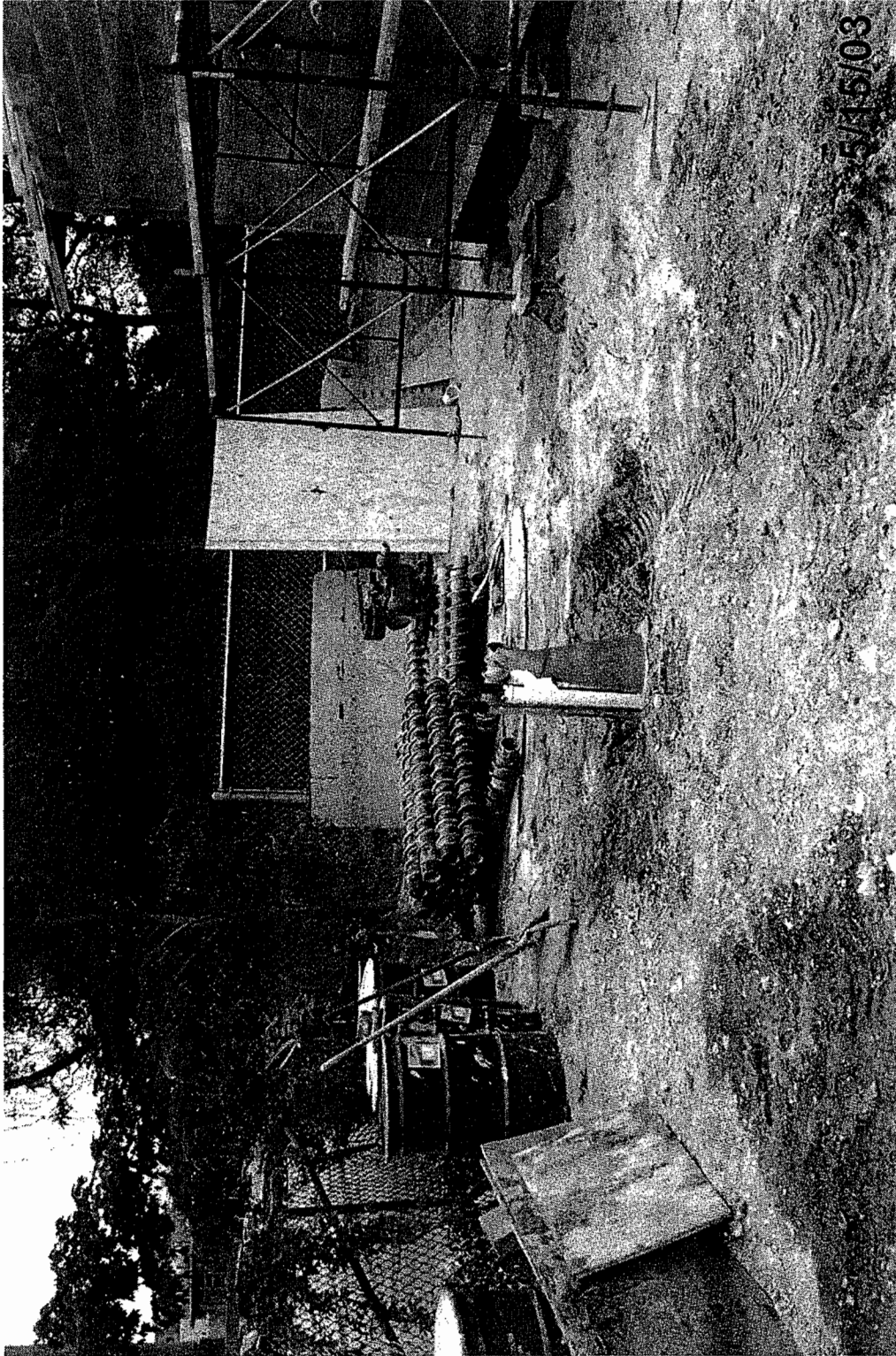
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview roof
trusses
Photograph No.: 237 Date Taken: 5/10
Inspector: R. Helmy



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 — Contract No: D004264
Description of View: Installation of groundwater
monitoring well AS7W-1
Photograph No.: 250 Date Taken: 5/14/03
Inspector: R. Hebing



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Sample overview
ASPTW-1
Photograph No.: 251 Date Taken: 5/14/03
Inspector: R. Heling



5/15/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Location of ASIW-1

Photograph No.: 252 Date Taken: 5/14/03
Inspector: _____



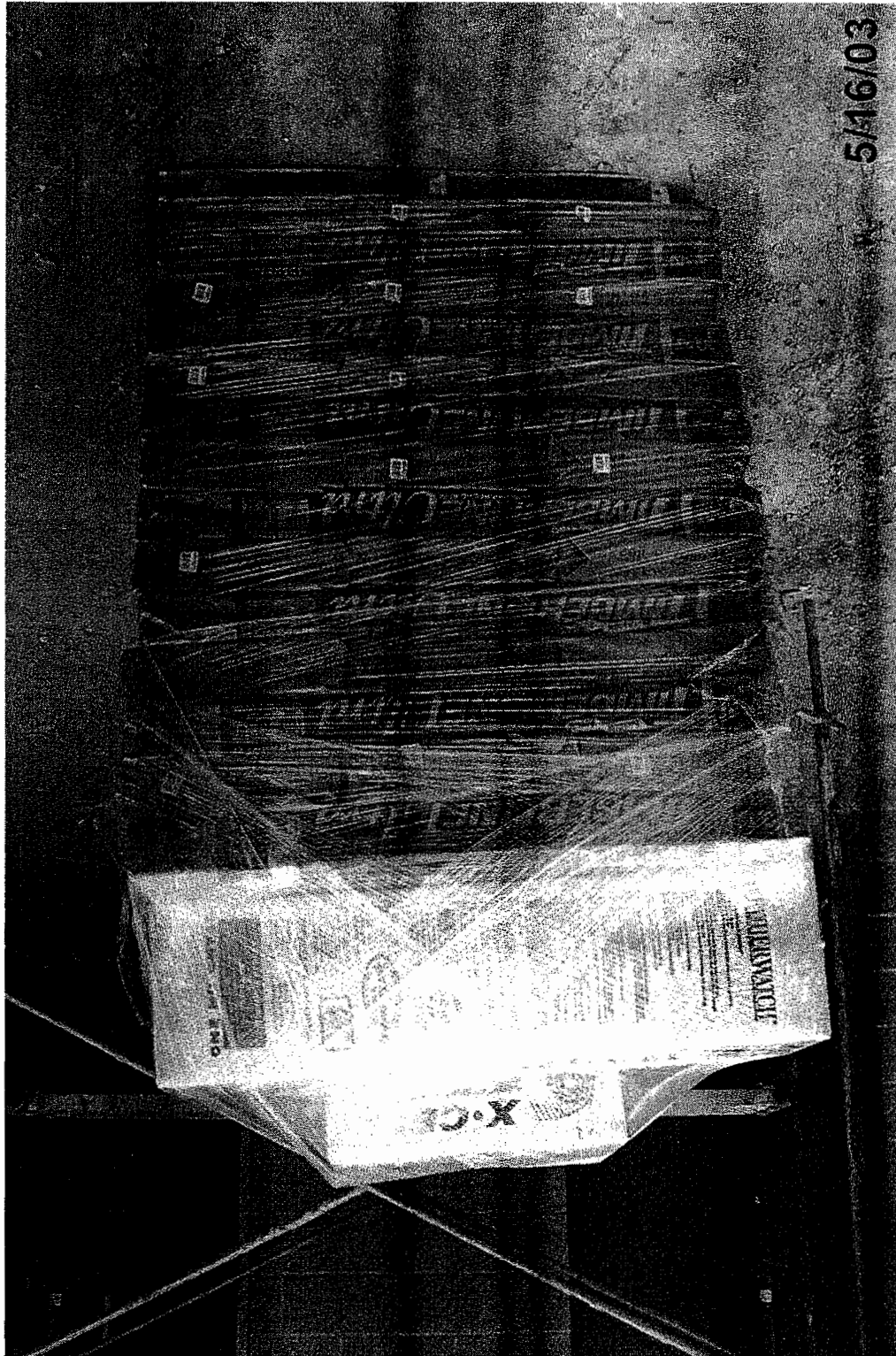
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: _____

Photograph No.: 253 Date Taken: 5/14/03
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Erosion control fence

Photograph No.: 254 Date Taken: 5/16/03
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

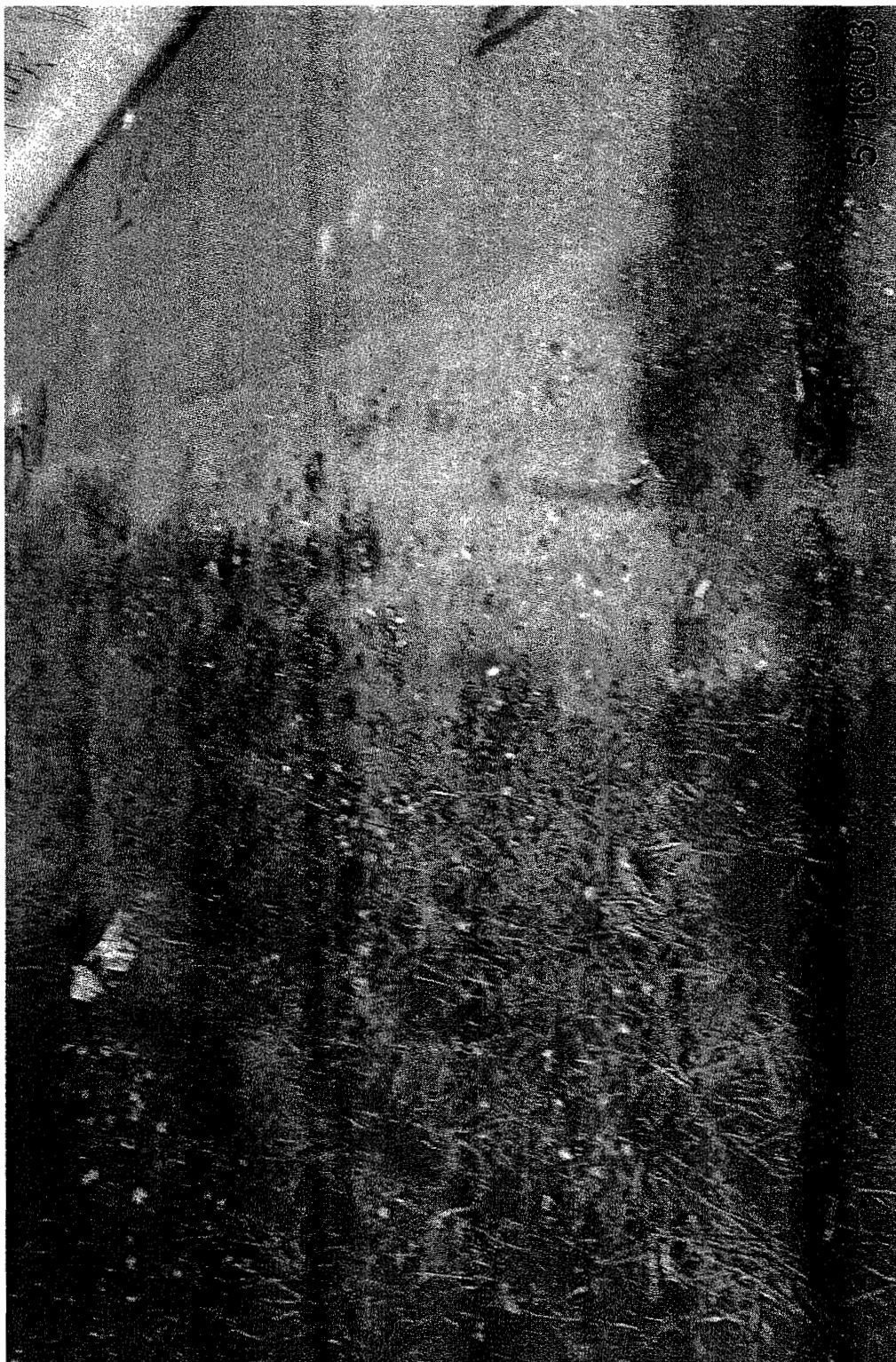
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

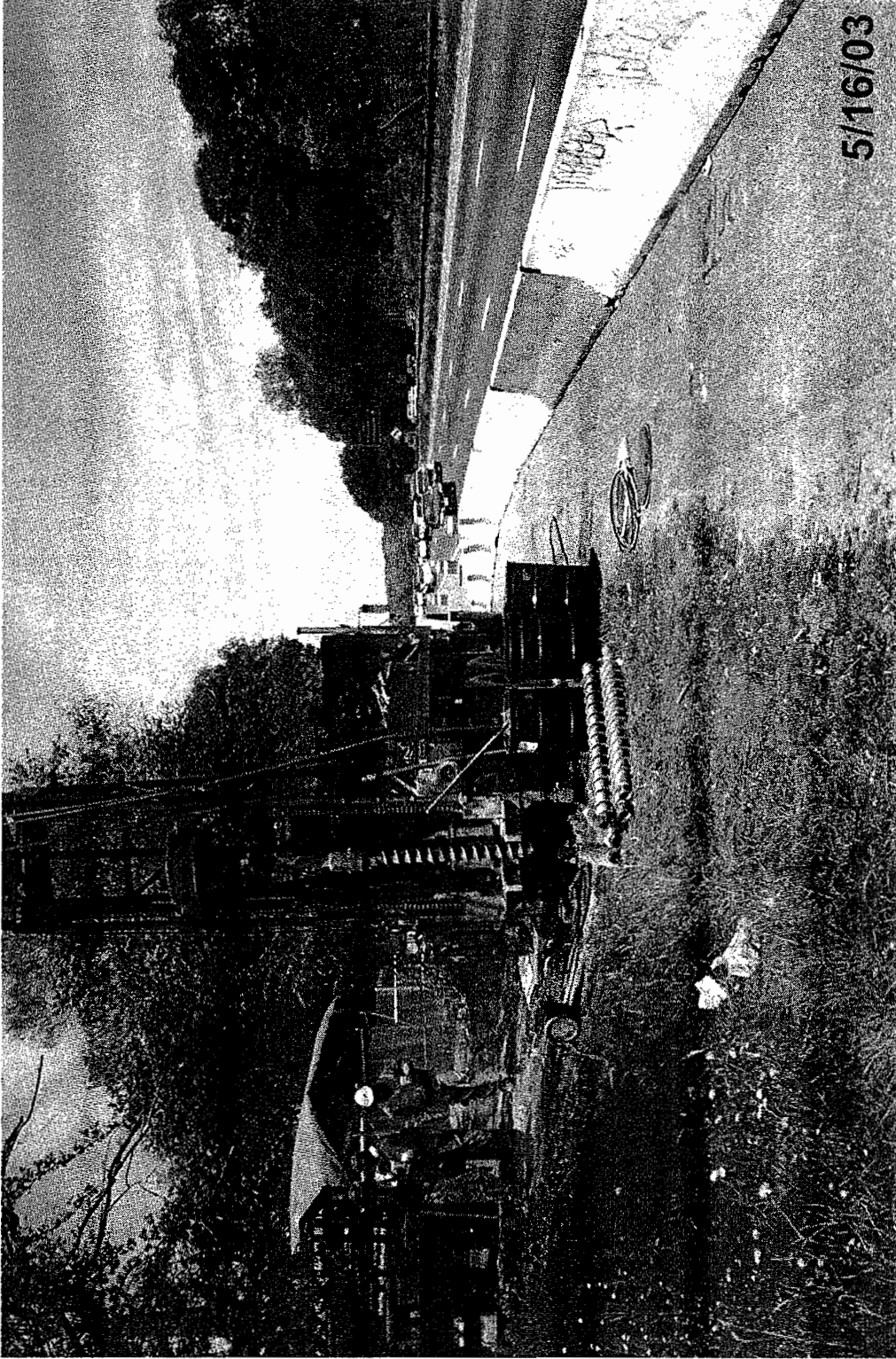
Description of View: Delivery of asphalt
shingles.

Photograph No.: 255 Date Taken: 5/16/03

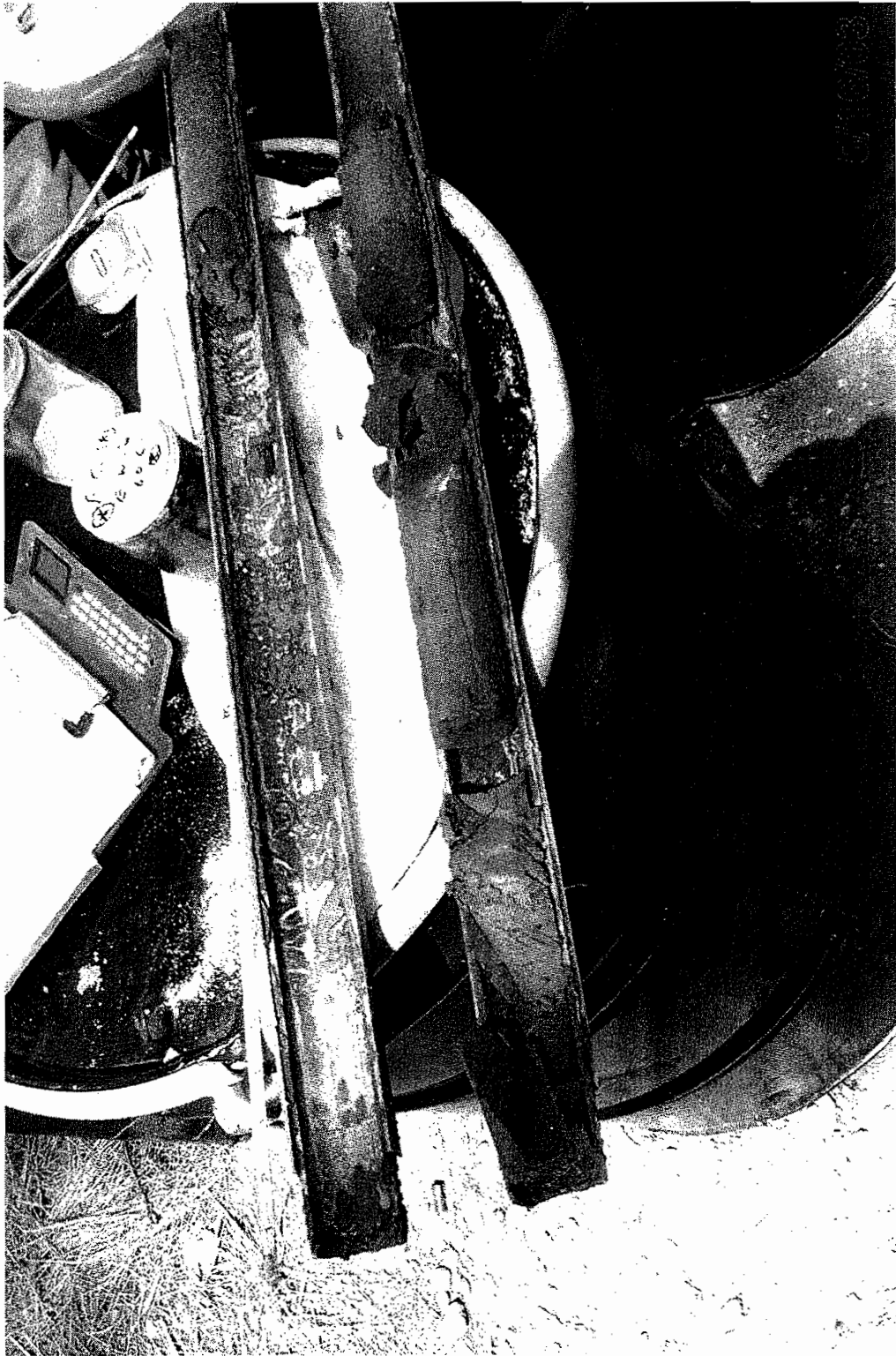
Inspector: R. Helwig.



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Markouts NYS DOT
for electrical line along SSP
Photograph No.: 256 Date Taken: 5/16/03
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation test hole
EW-2
Photograph No.: 257 Date Taken: 5/16/03
Inspector: R. Helling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: FW2 @ 60-62 ft

Photograph No.: 258 Date Taken: 5/16
Inspector: _____



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: EW @ 88-90 ft

Photograph No.: 259 Date Taken: 5/16
Inspector: _____



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: FW 2 @ 92-94 ft

Photograph No.: 260 Date Taken: 5/16
Inspector: _____



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: EW-2 @ 96-98 ft

Photograph No.: 261 Date Taken: 5/16

Inspector: _____



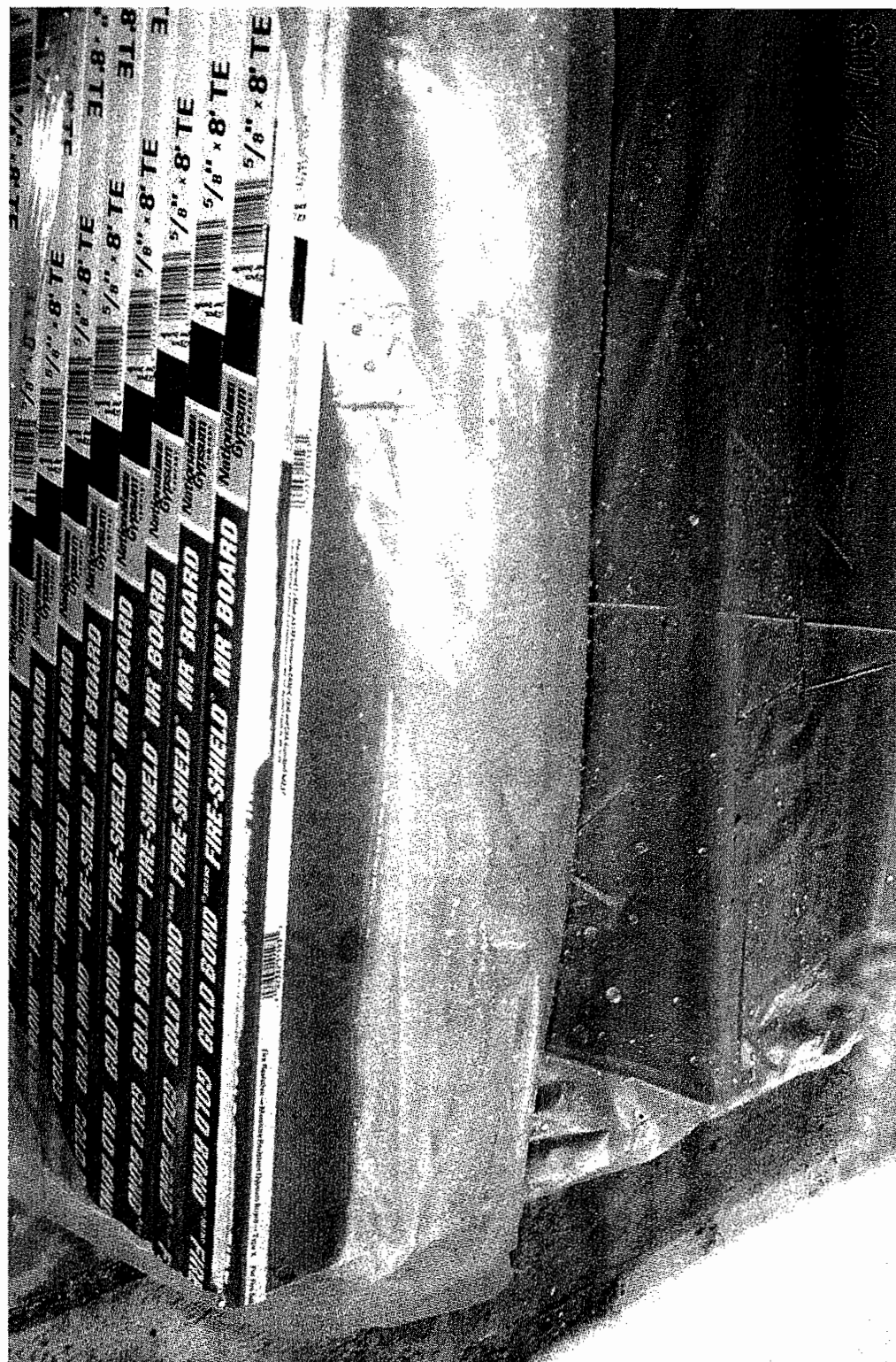
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: EW-2 (A)

Photograph No.: 262 Date Taken: 5/16
Inspector: _____

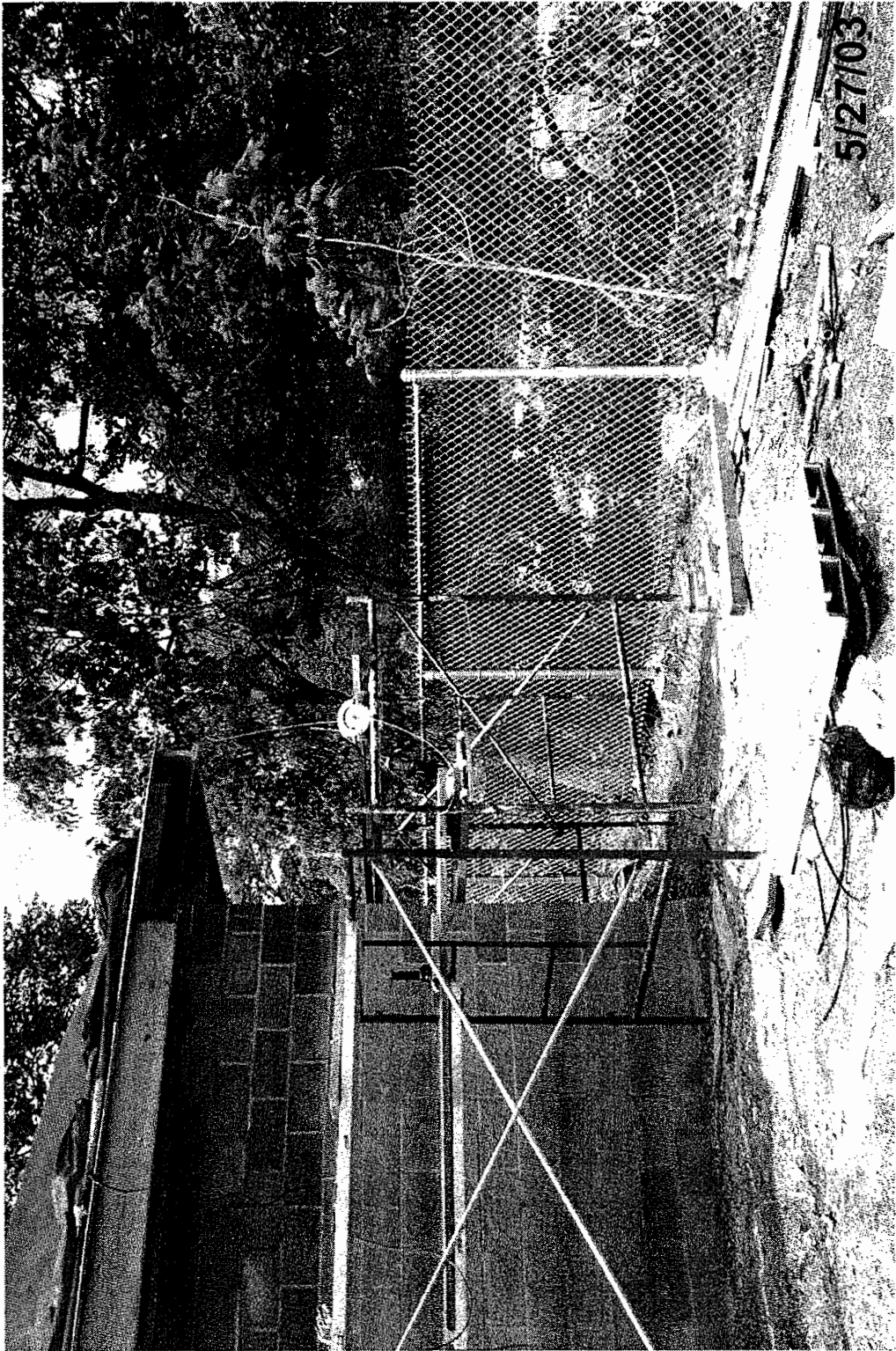


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Thermal insulation

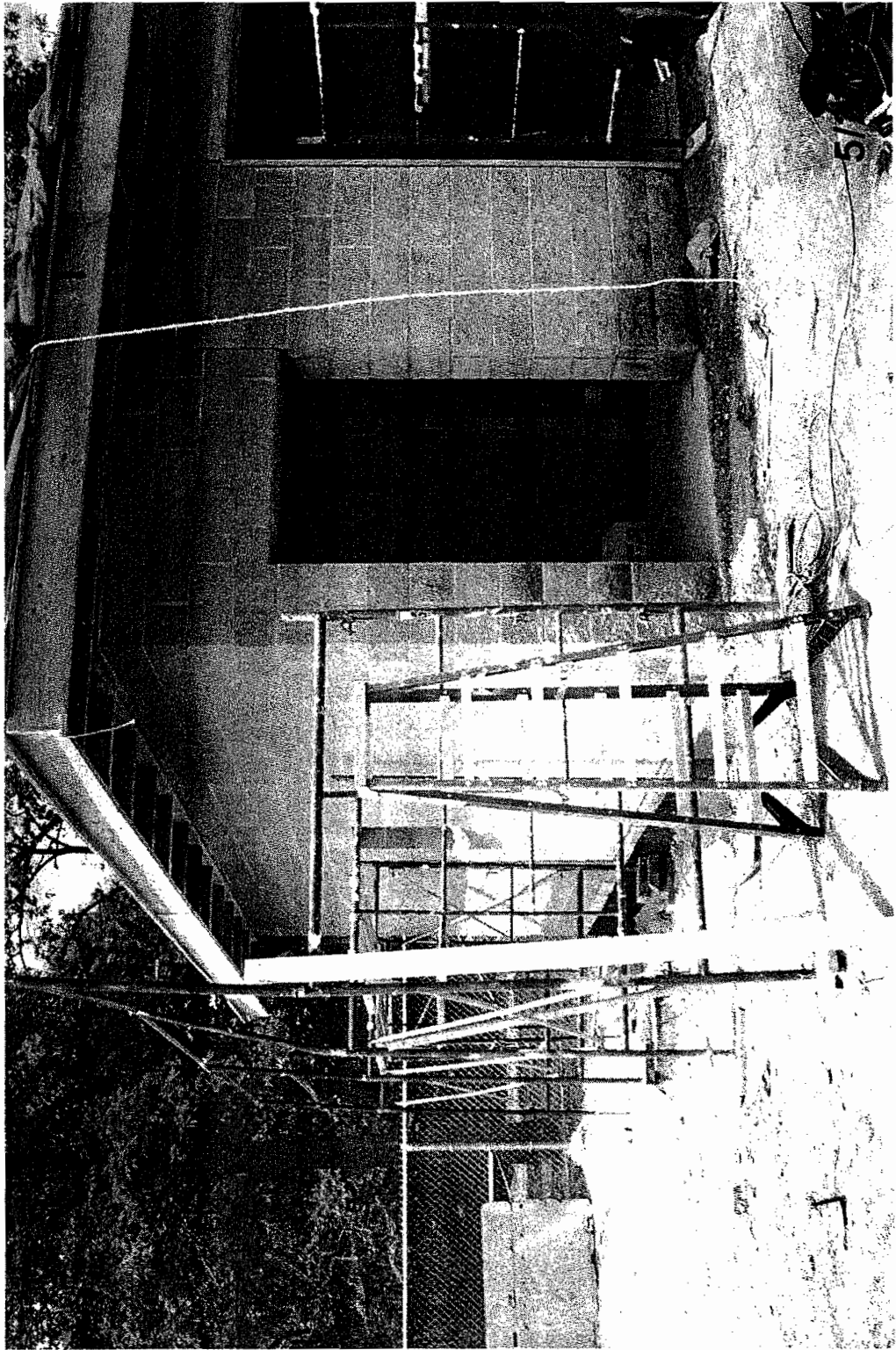
Photograph No.: 263 Date Taken: 5/21
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Sheet-rock for
ceiling.
Photograph No.: 264 Date Taken: 5/21
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Frame work for
soffit and fascia (east side)
Photograph No.: 268 Date Taken: 5/27
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

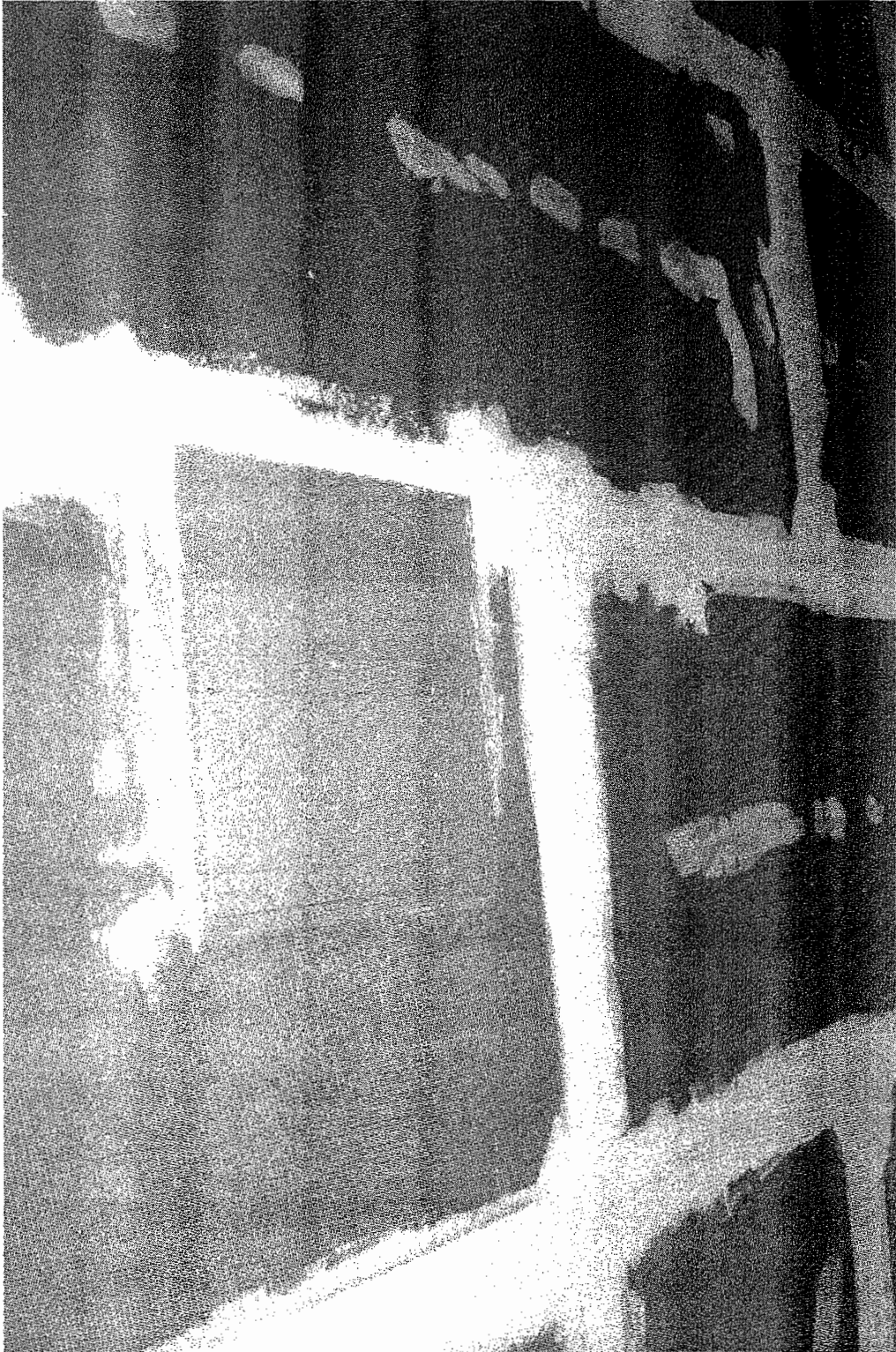
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Frame work for
soffit and fascia (south east corner)

Photograph No.: 266 Date Taken: 5/27

Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail access hatch
ceiling
Photograph No.: 267 Date Taken: 5/27
Inspector: F. De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Sheet Rock ceiling
southwest corner.
Photograph No.: 268 Date Taken: 5/27
Inspector: F De Vita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Sheet rock ceiling
north west corner
Photograph No.: 269 Date Taken: 5/27
Inspector: F DeVita



5/2/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Sheet rock ceiling
South east corner
Photograph No.: 290 Date Taken: 5/27
Inspector: F DeVita



5/27/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Shed Rock ceiling
North east corner
Photograph No.: 271 Date Taken: 5/27
Inspector: F DeVita



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

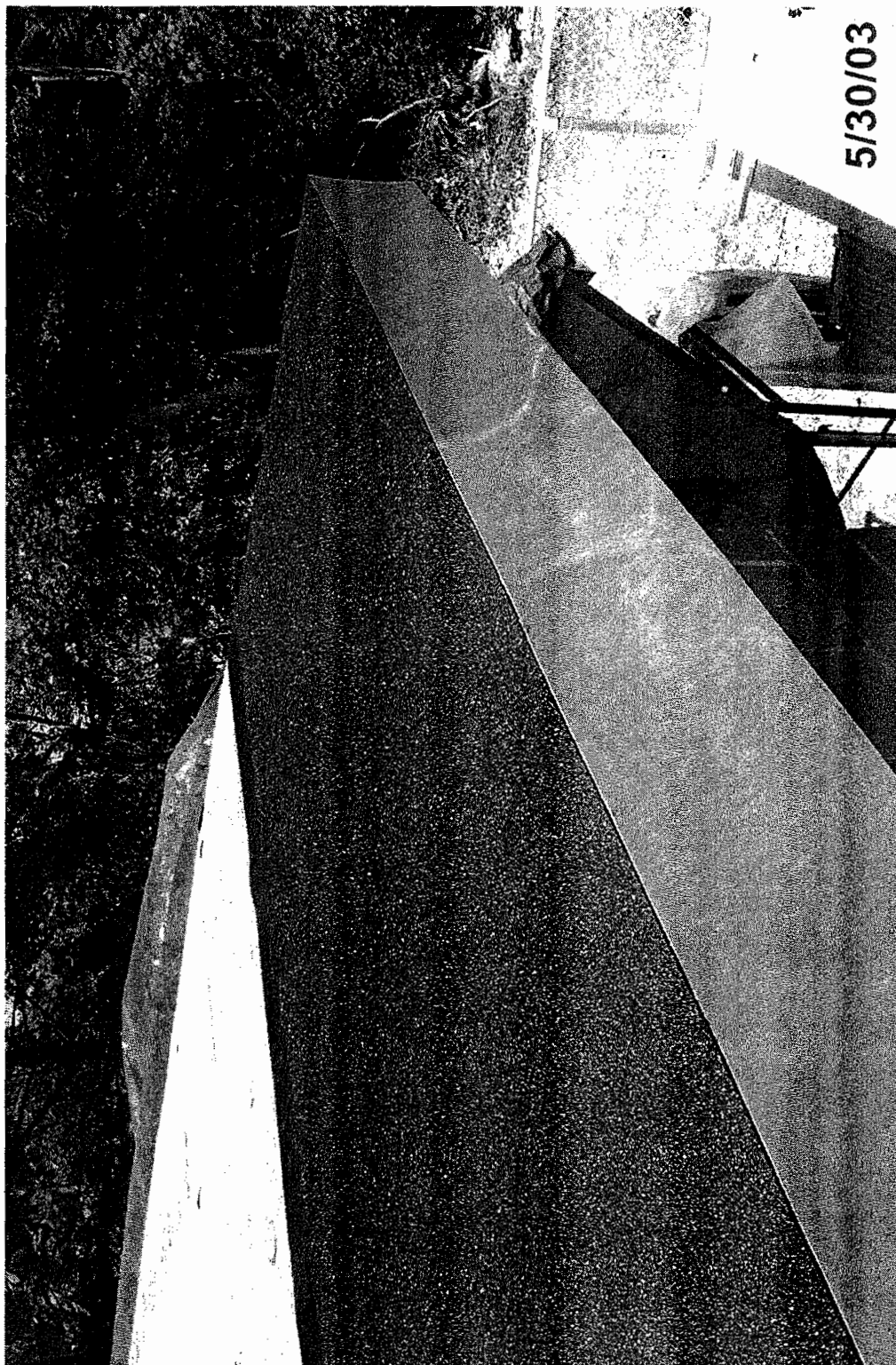
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail for 81a

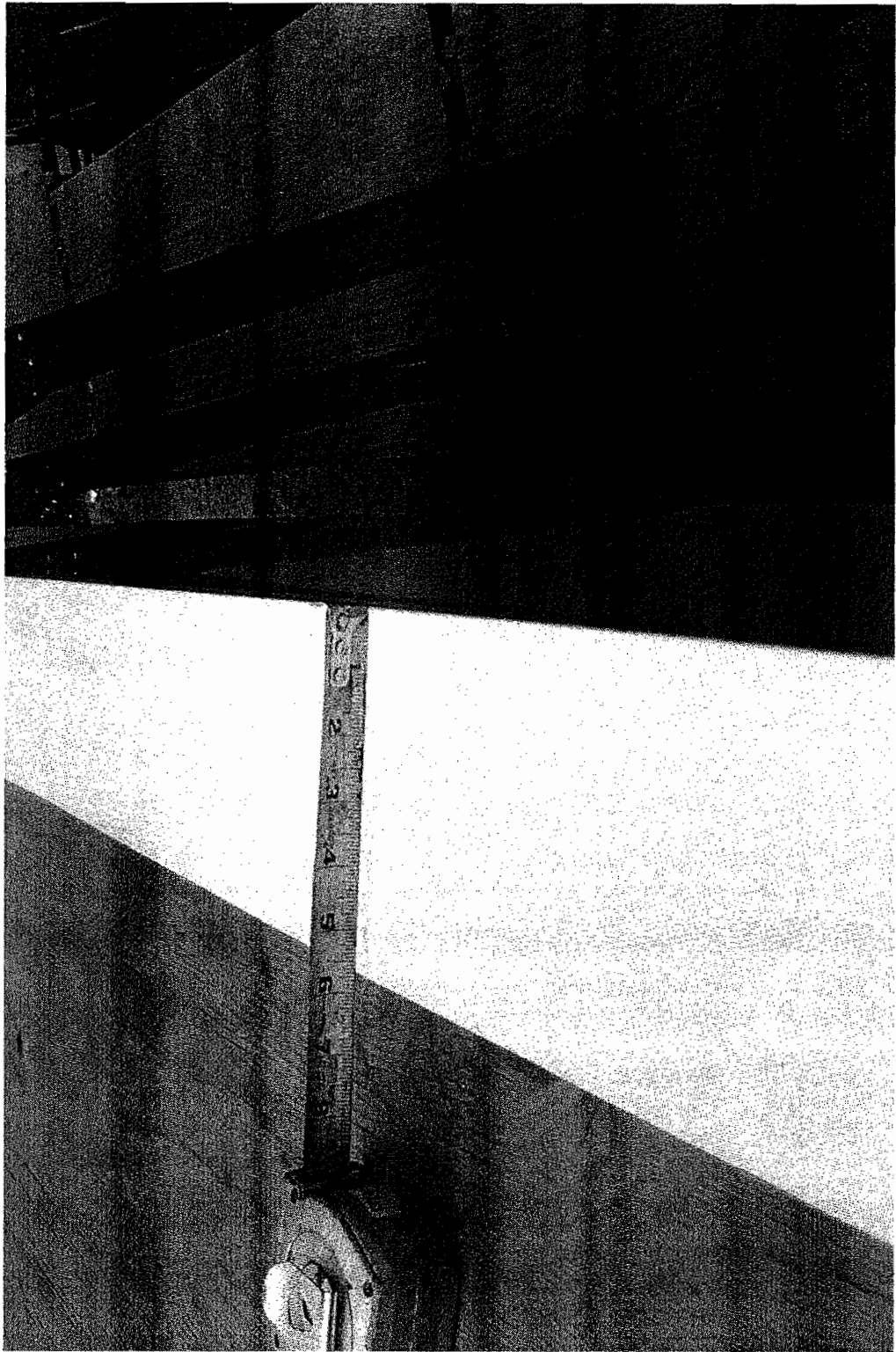
Photograph No.: 272 Date Taken: 5/29

Inspector: R. Heling



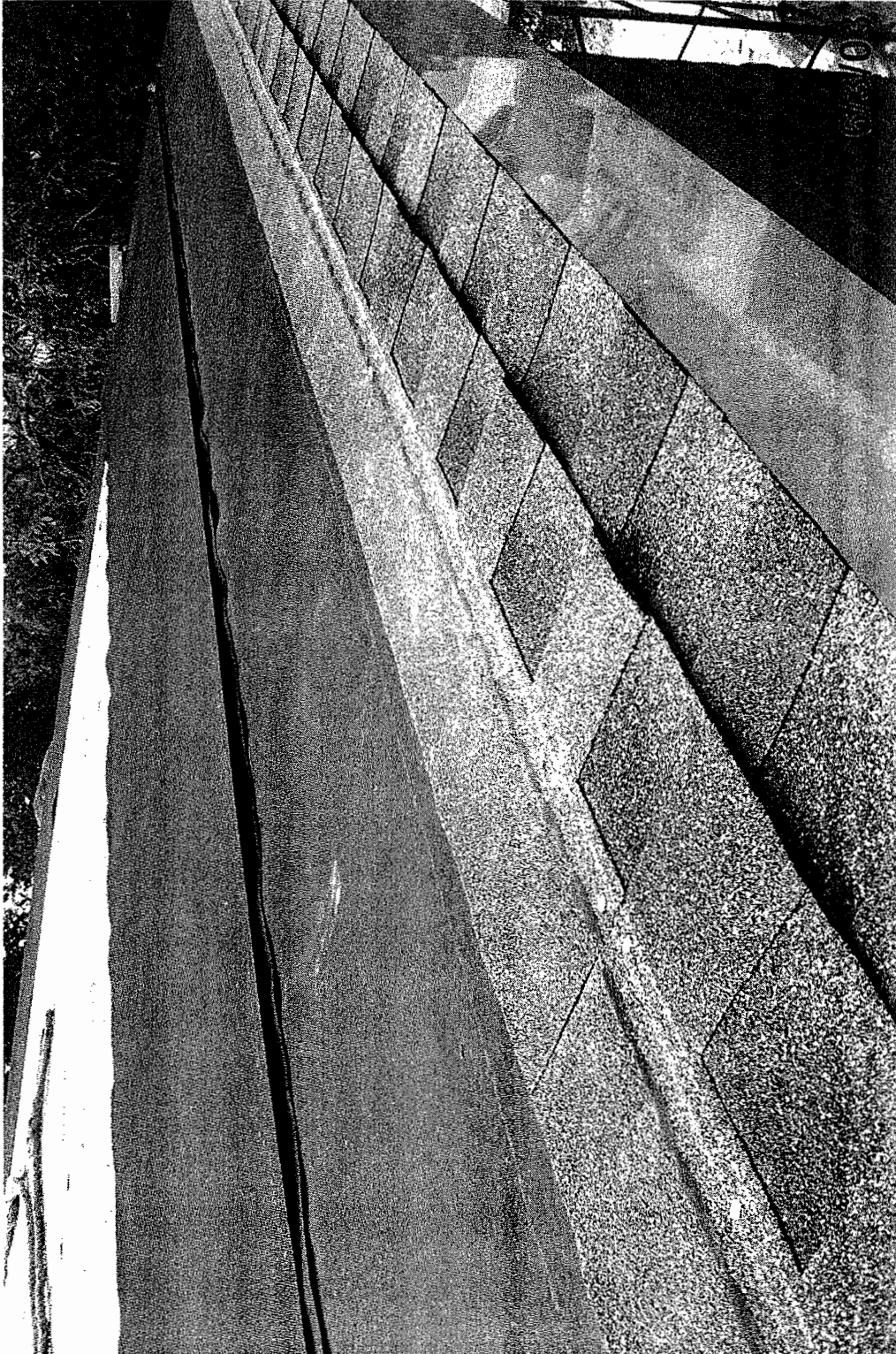
5/30/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: installation of fascia
and preparations for roof shingles
Photograph No.: 293 Date Taken: 5/82
Inspector: B. Hering

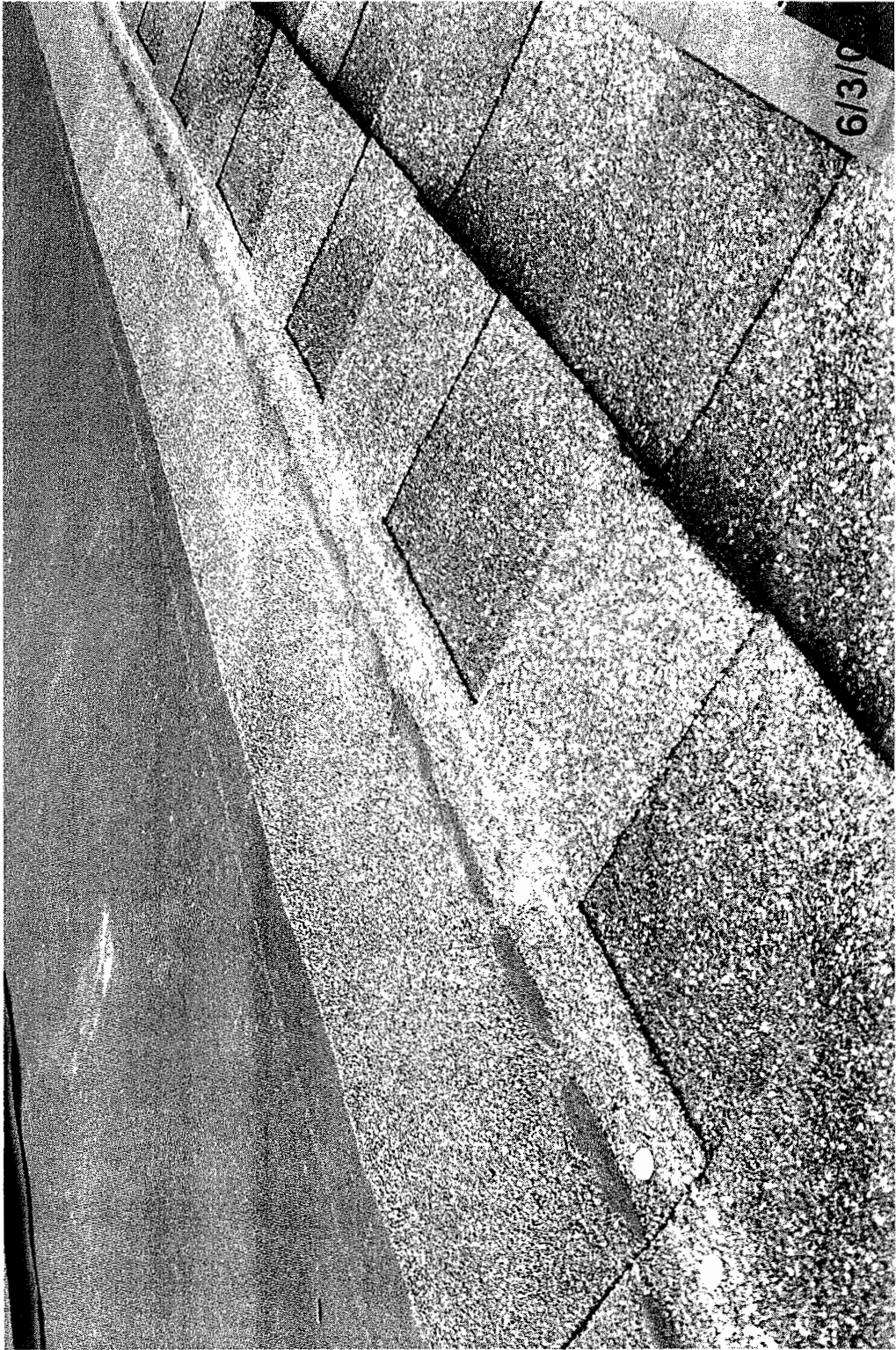


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail from aerial

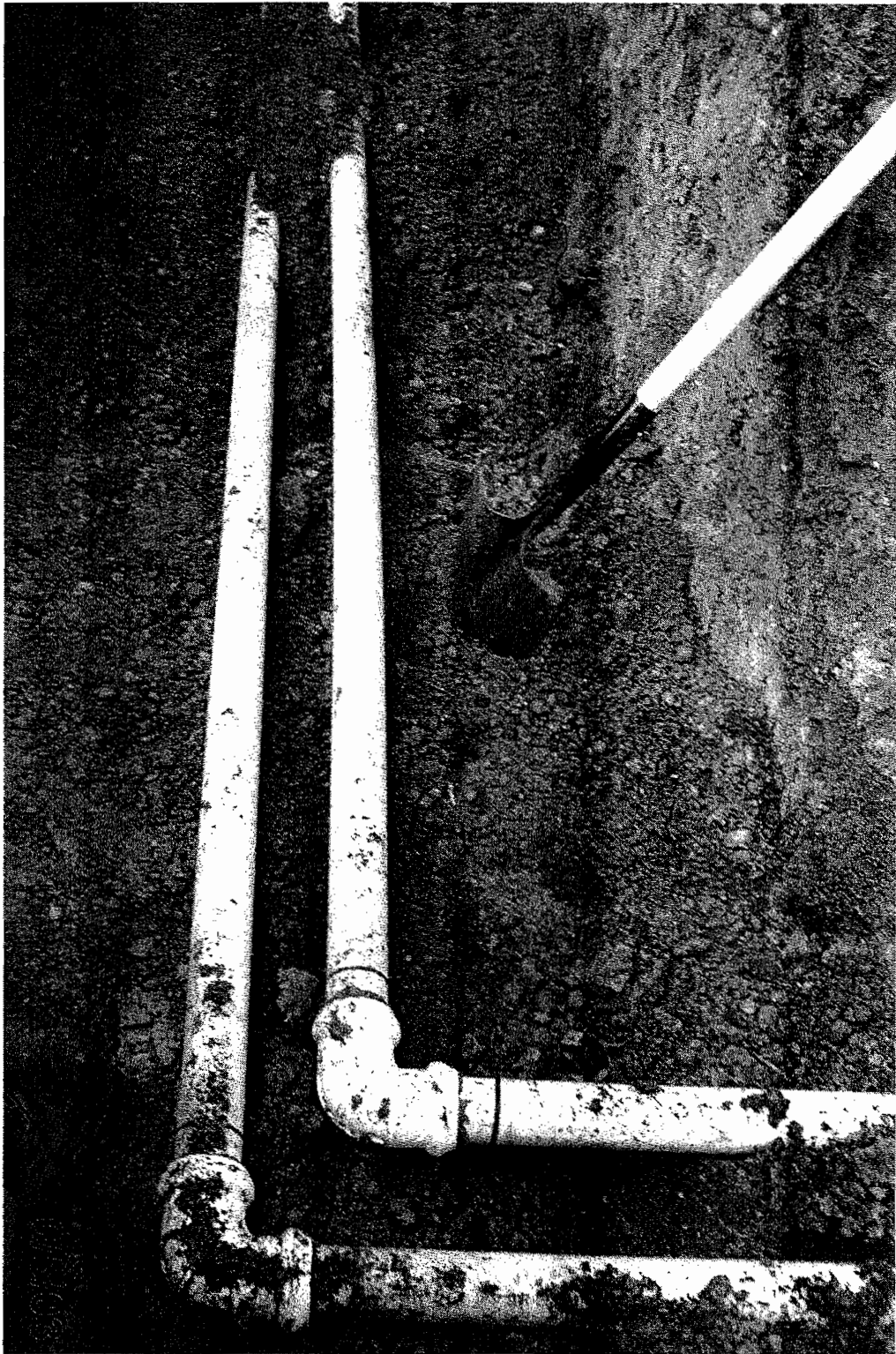
Photograph No.: 294 Date Taken: 6/23
Inspector: B. Helwig



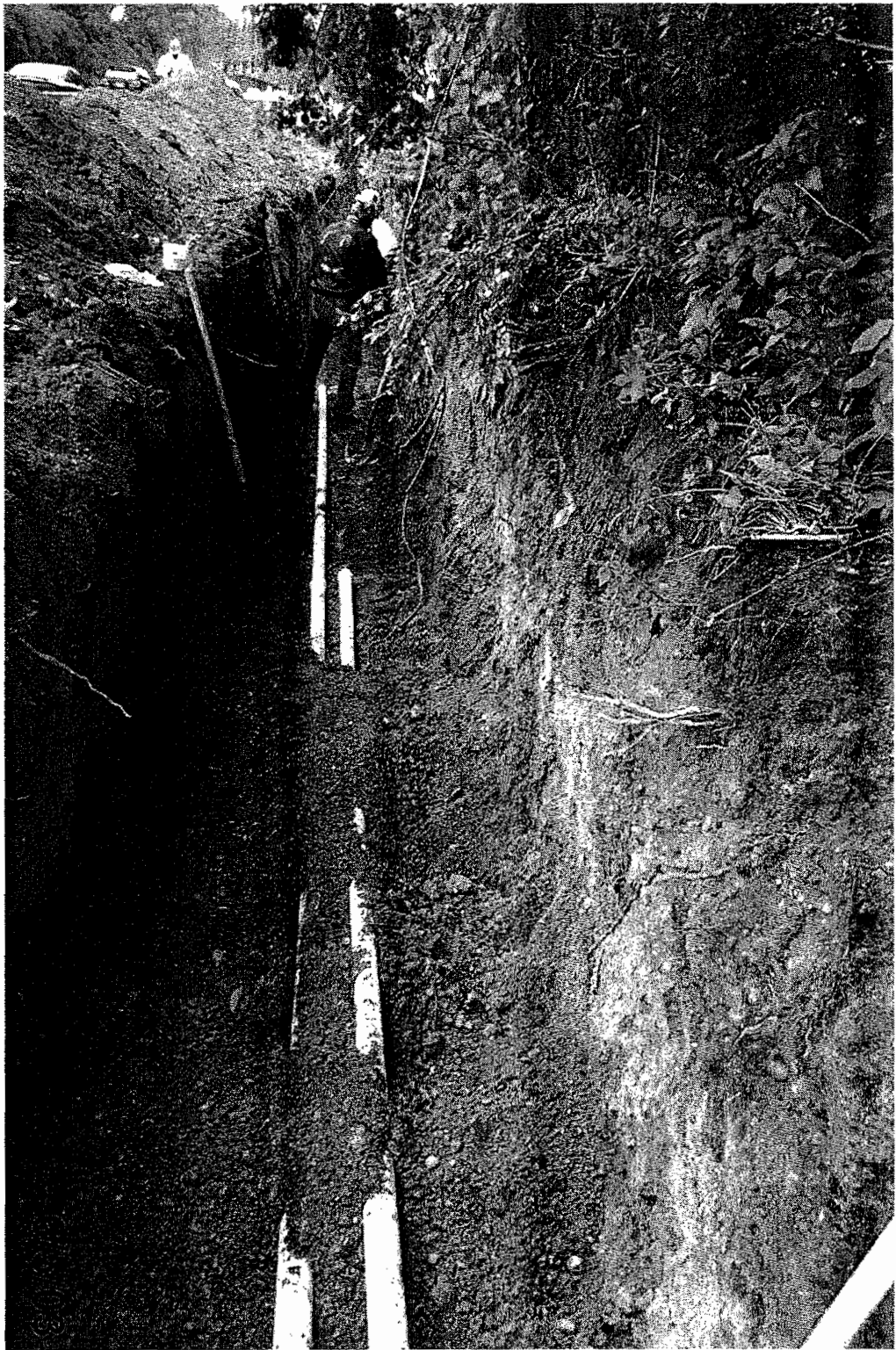
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of
Roof shingles
Photograph No.: 275 Date Taken: 6/3
Inspector: R. Hering



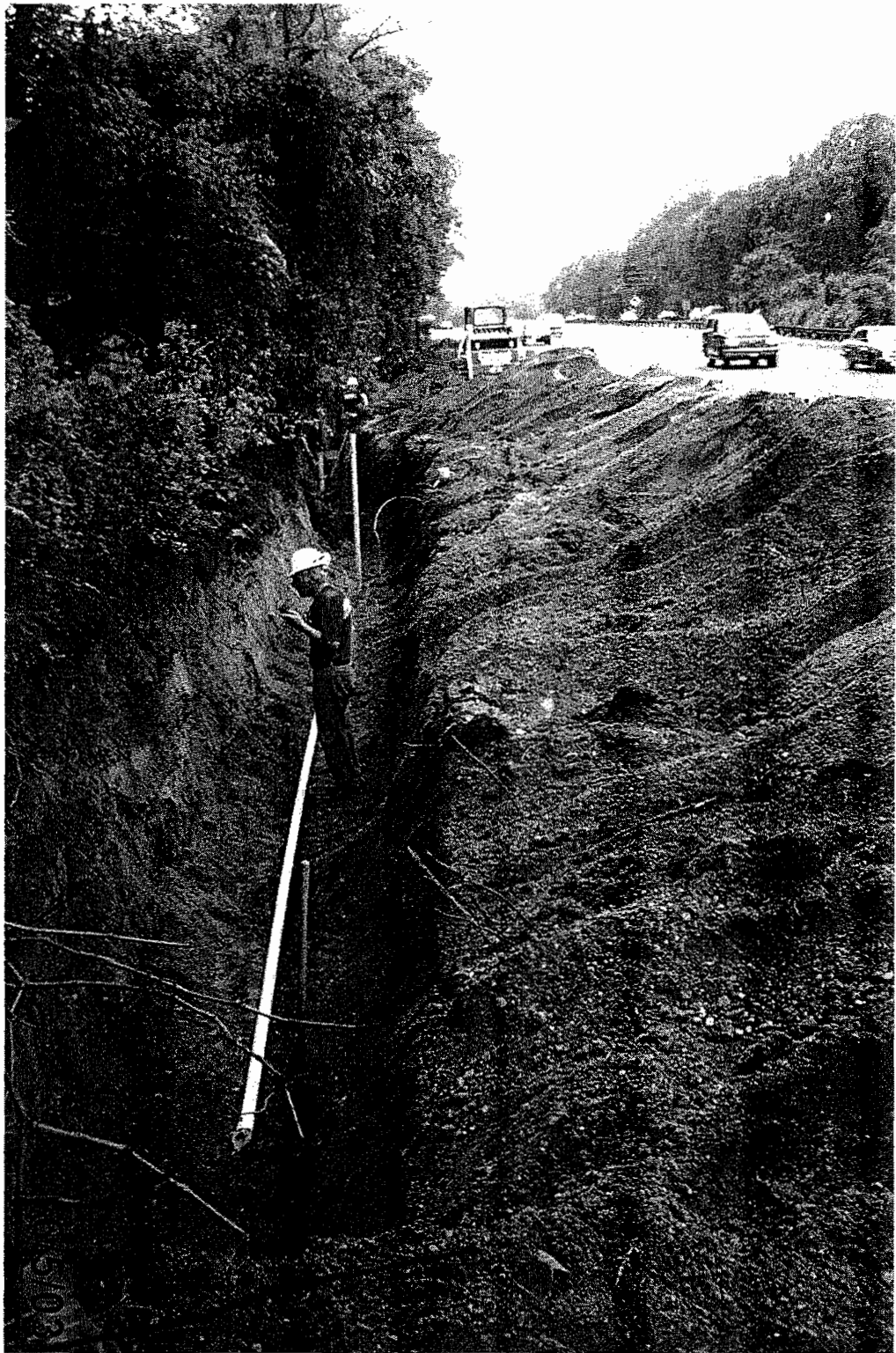
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Details roof shingle
and nails (six per shingle)
Photograph No: 276 Date Taken: 6/3
Inspector: R. Heling



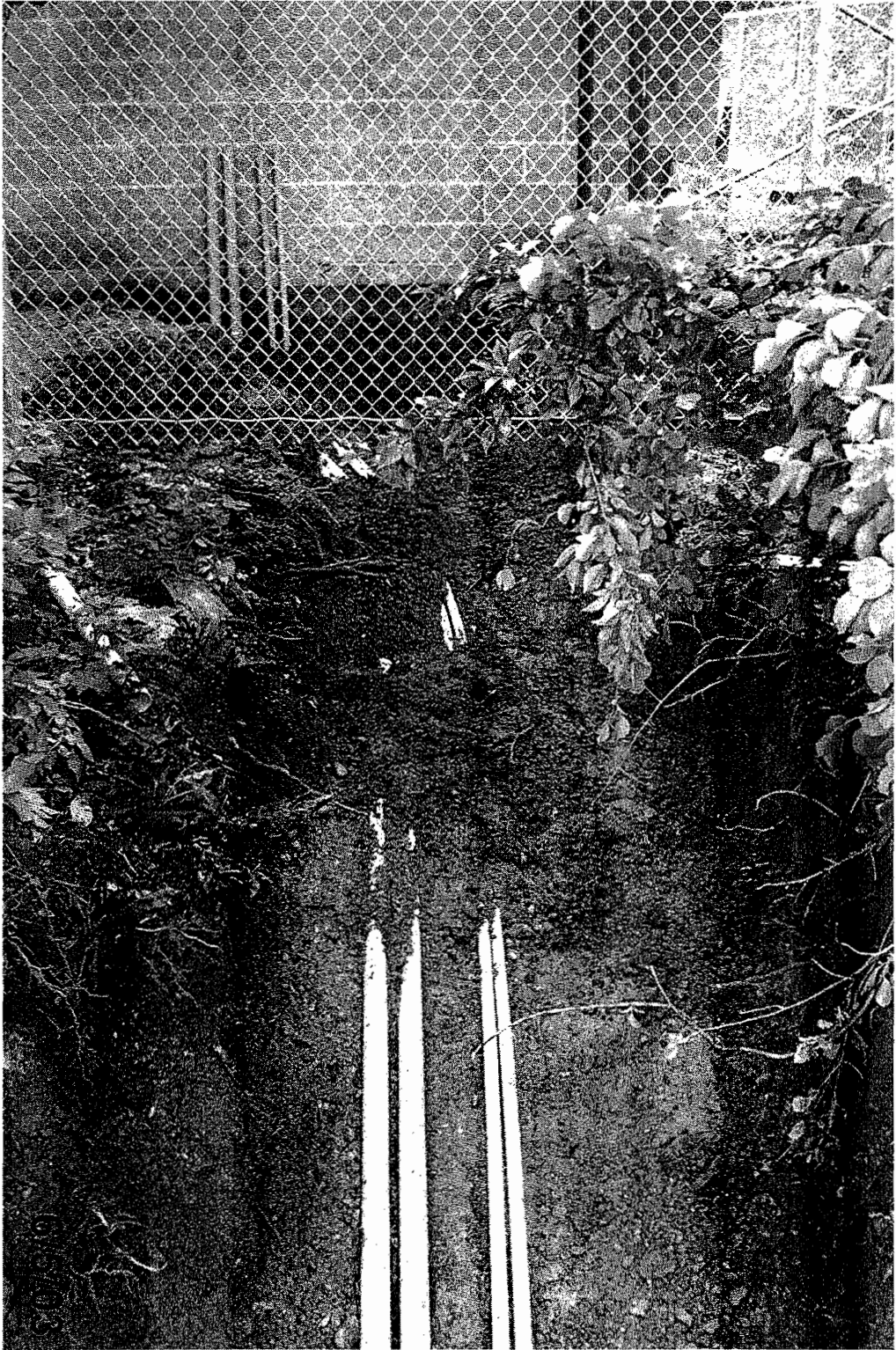
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of
influent lines.
Photograph No.: 277 Date Taken: 6/5
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation influent
lines along 55P facing east
Photograph No: 278 Date Taken: 6/5
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation in front
line EW-1 facing west
Photograph No.: 279 Date Taken: 6/5
Inspector: B. Henning



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Installation of

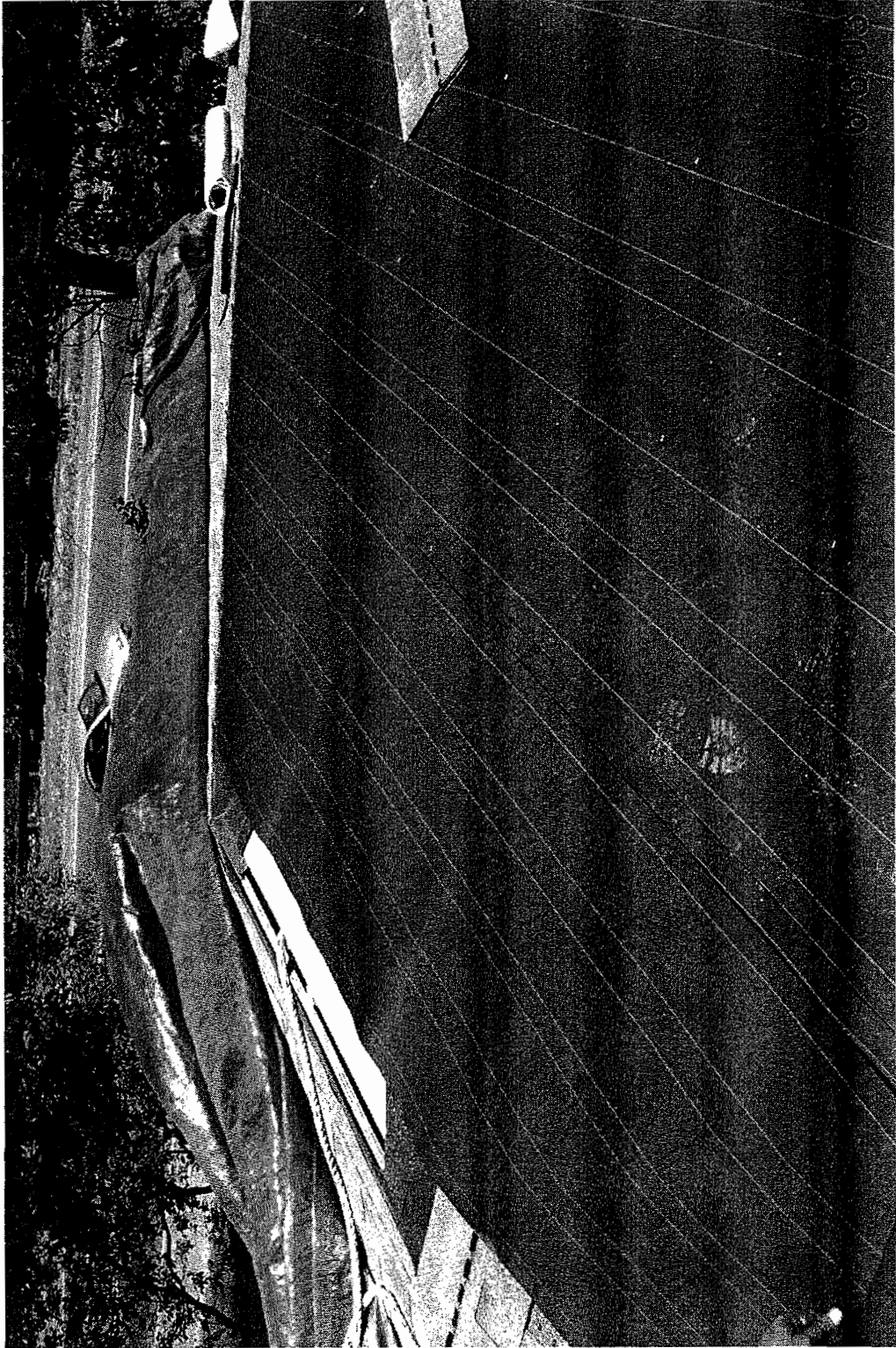
Photograph No.: 289 Date Taken: 6/5
Inspector: B. Hebing



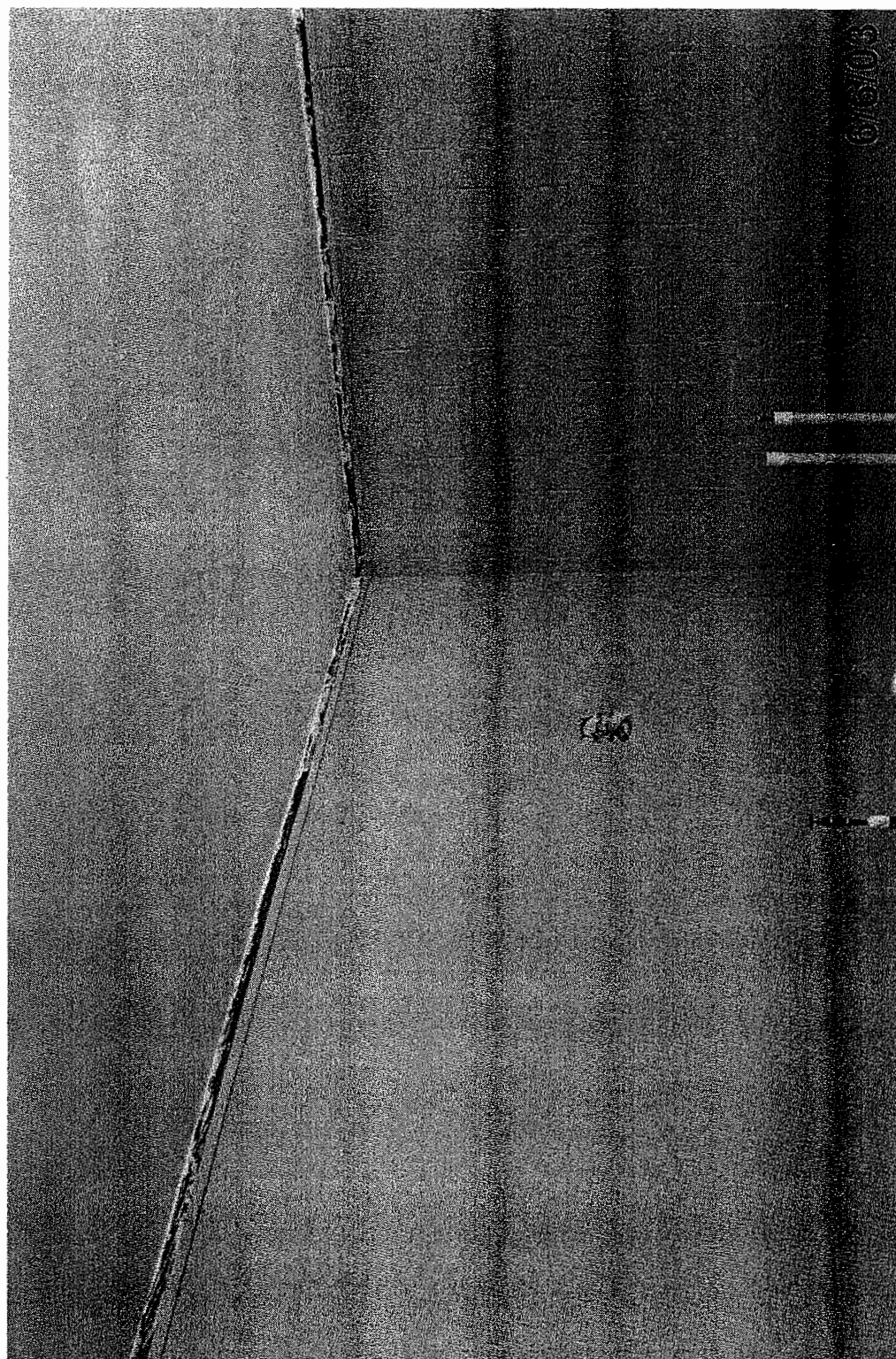
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Installation of
electrical conduits facing east
Photograph No: 281 Date Taken: 6/5
Inspector: B. Helwig



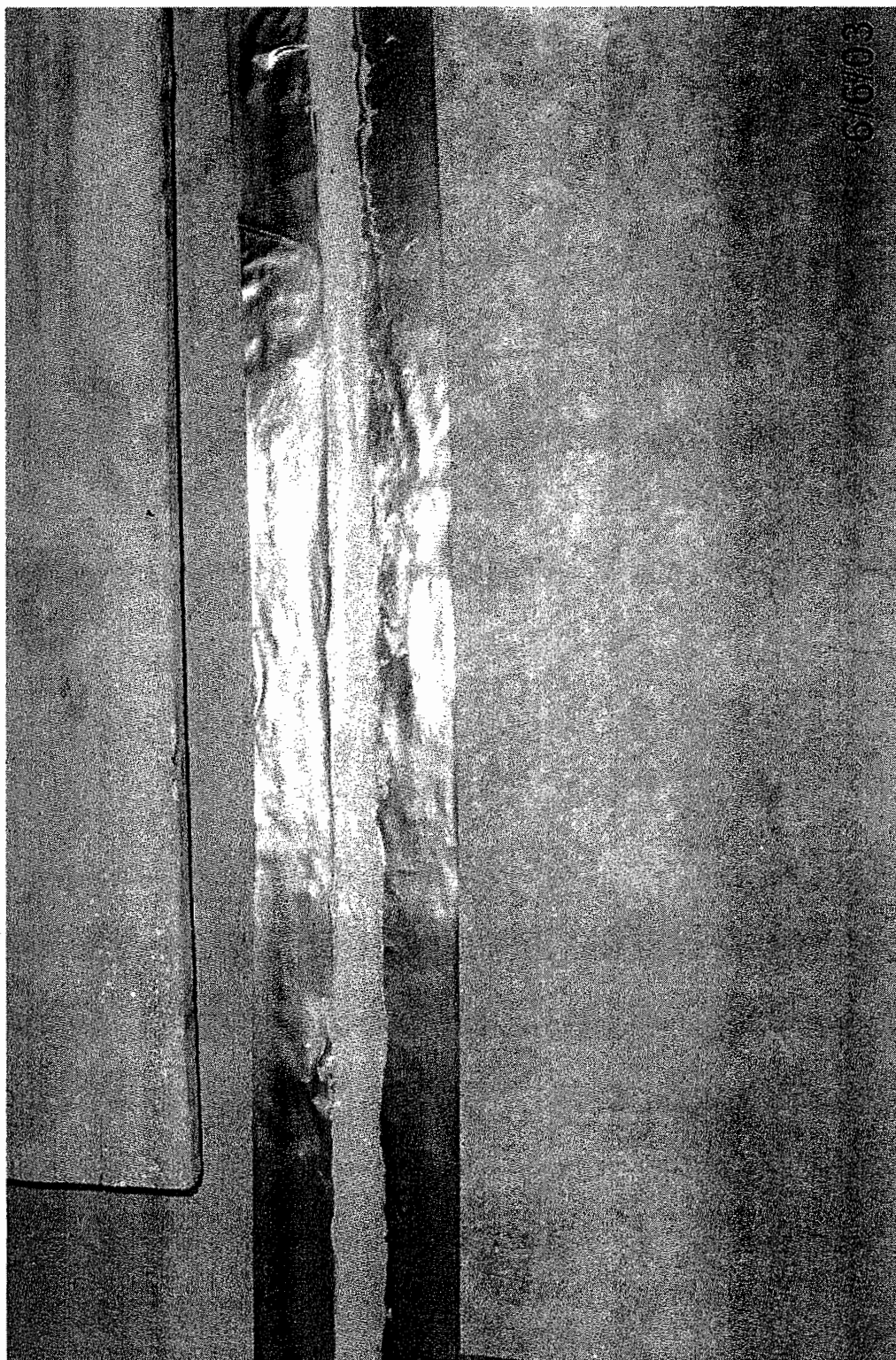
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 Contract No: D004264
Description of View: Ridge vent 4 ft wide
by 3 1/2"
Photograph No.: 282 Date Taken: 6/6/03
Inspector: R. Haling



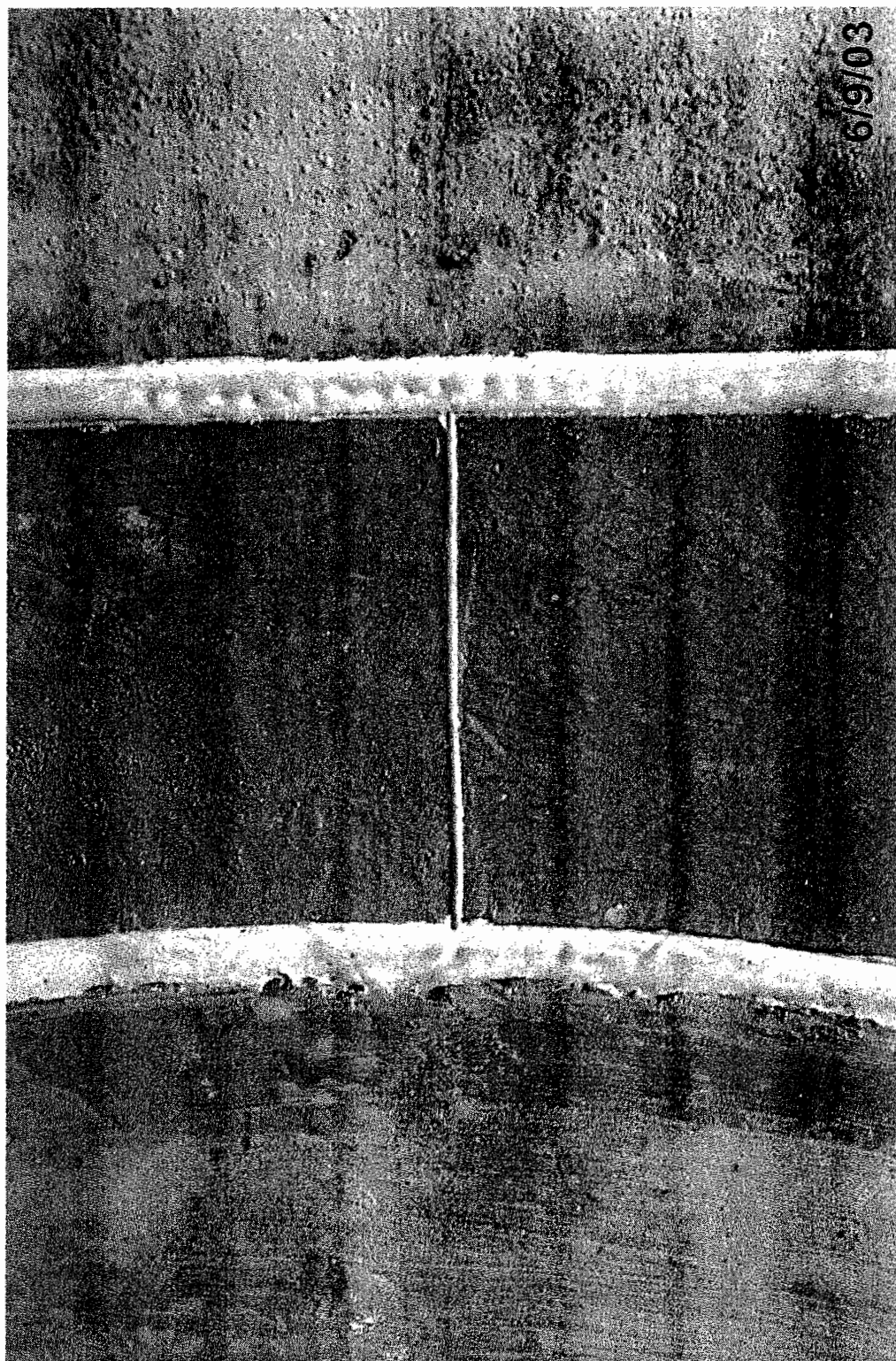
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of roof
leak protection system
Photograph No.: 283 Date Taken: 6/6/03
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 — Contract No: D004264
Description of View: Overview painting
activities inside building
Photograph No.: 284 Date Taken: 6/6/03
Inspector: R Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail caulking
valve well
Photograph No.: 285 Date Taken: 6/9/03
Inspector: TR Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

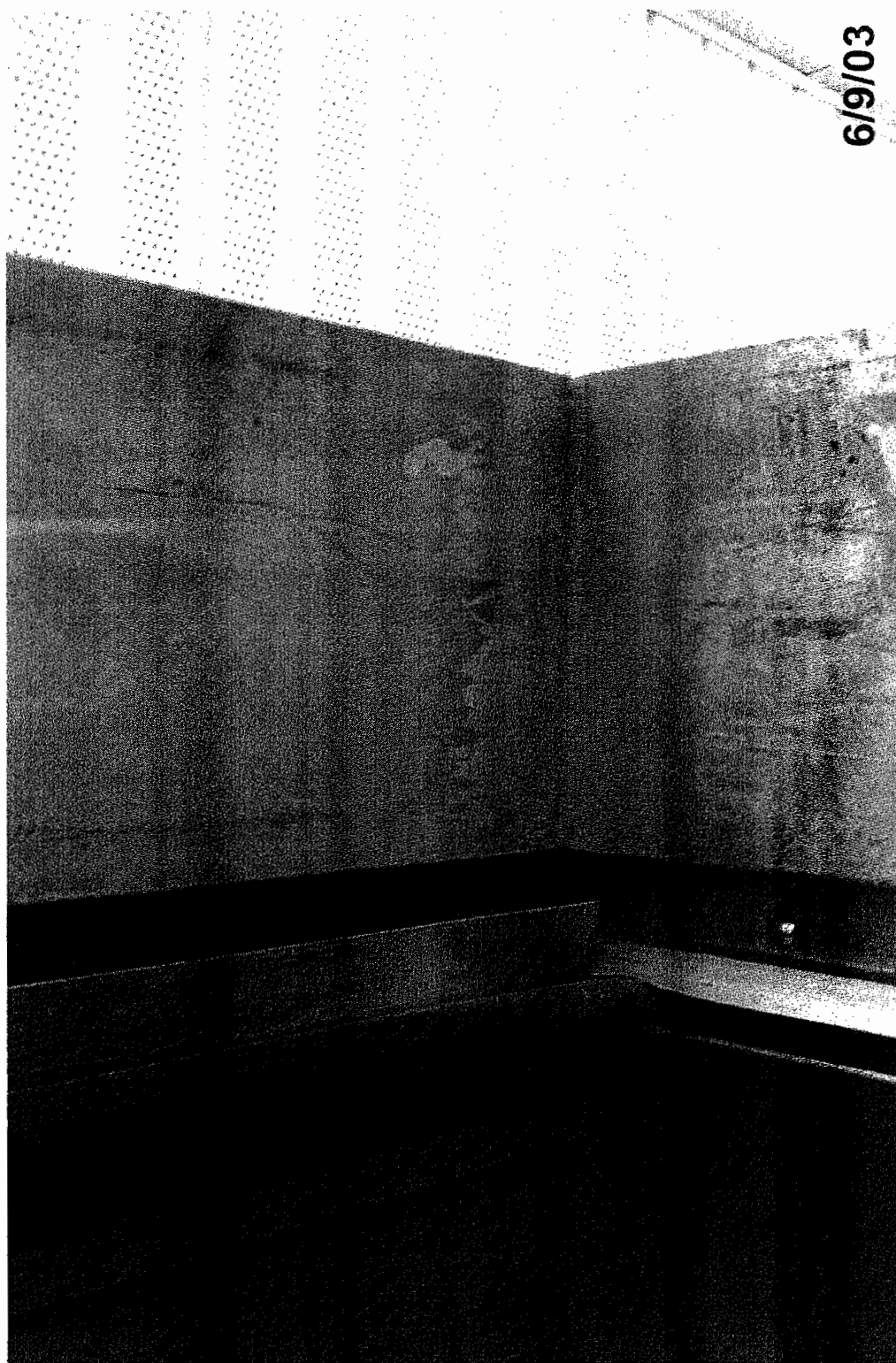
Site No.: 1-30-050 -- Contract No: D004264

Description of View: Detail caulking
wet well / valve vault / concrete slab

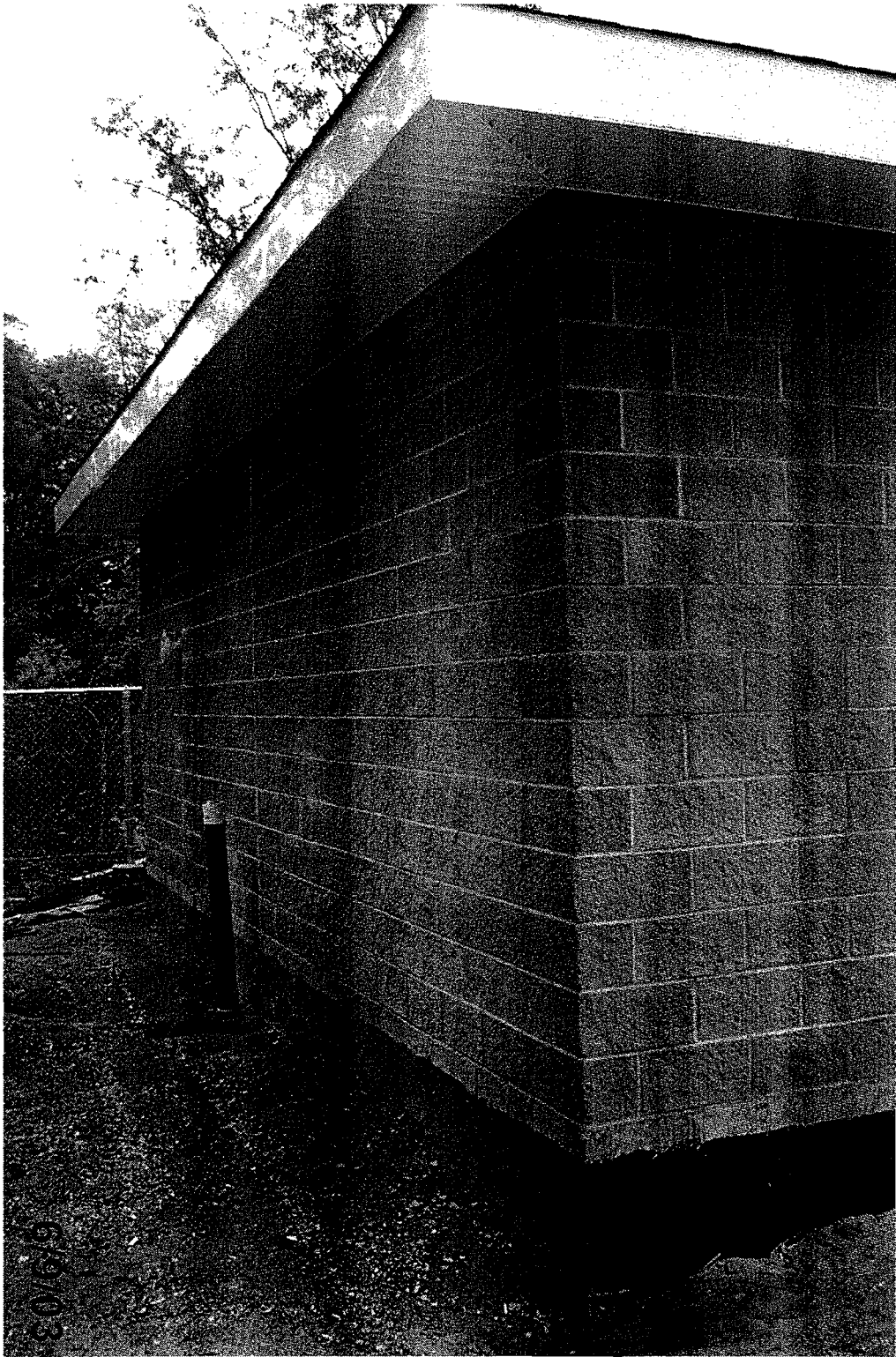
Photograph No.: 286 Date Taken: 6/9/03

Inspector: R. Hebing

6/9/03

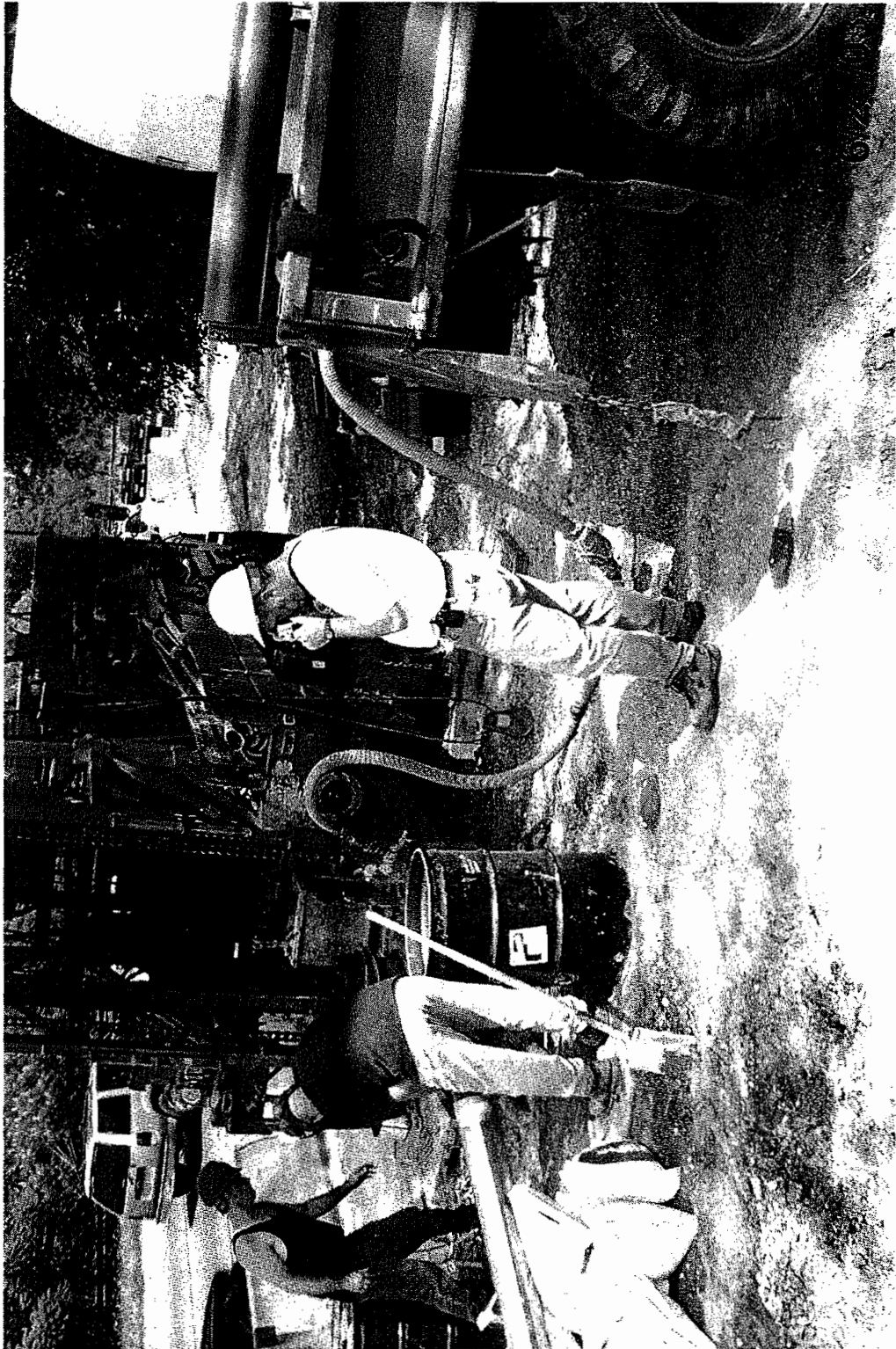


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail welding
Intel rollup door
Photograph No.: 287 Date Taken: 6/9/03
Inspector: R. Heling

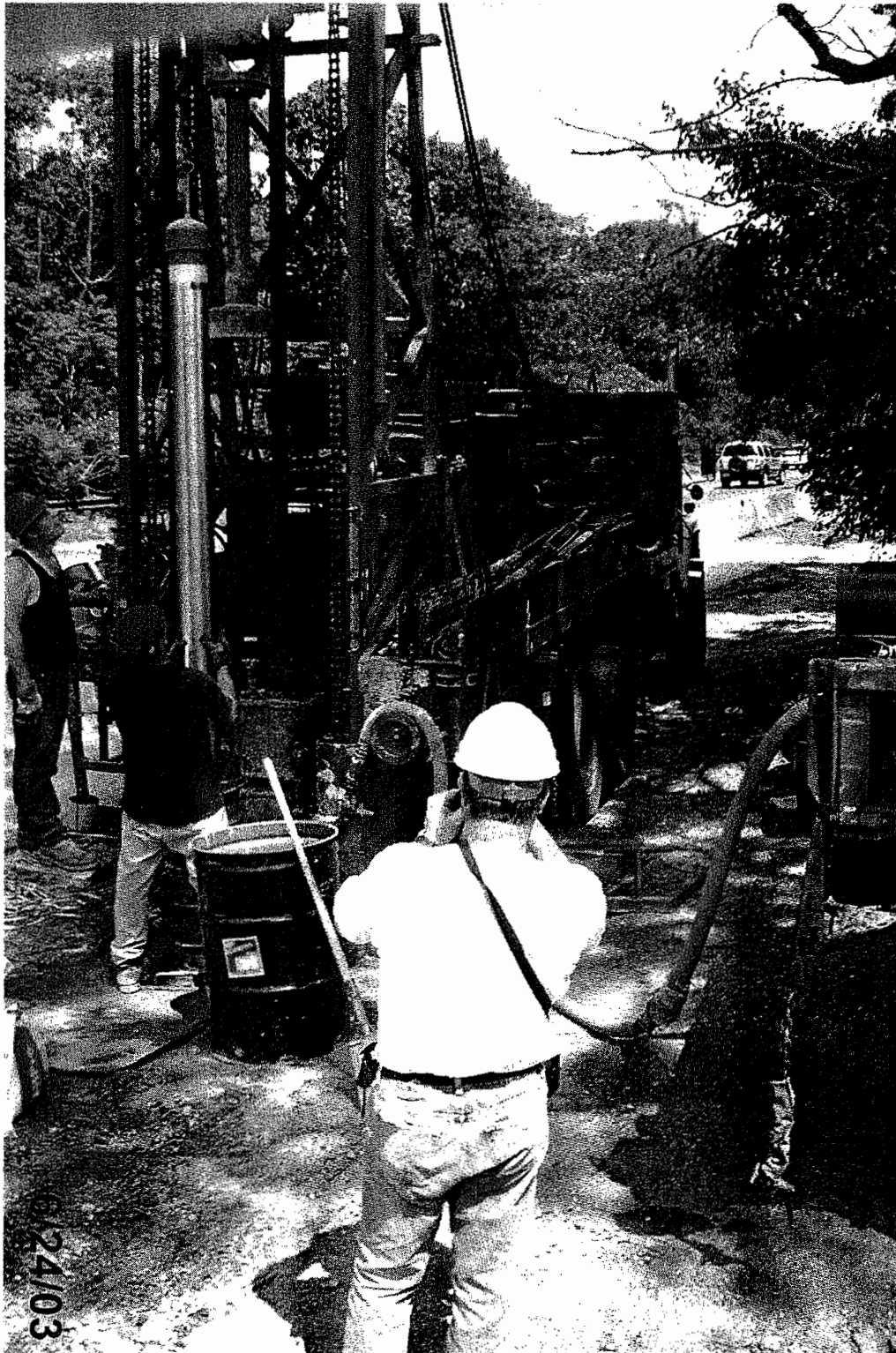


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Overview South
and fascia (west side)
Photograph No.: 288 Date Taken: 6/9/03
Inspector: R. Heling

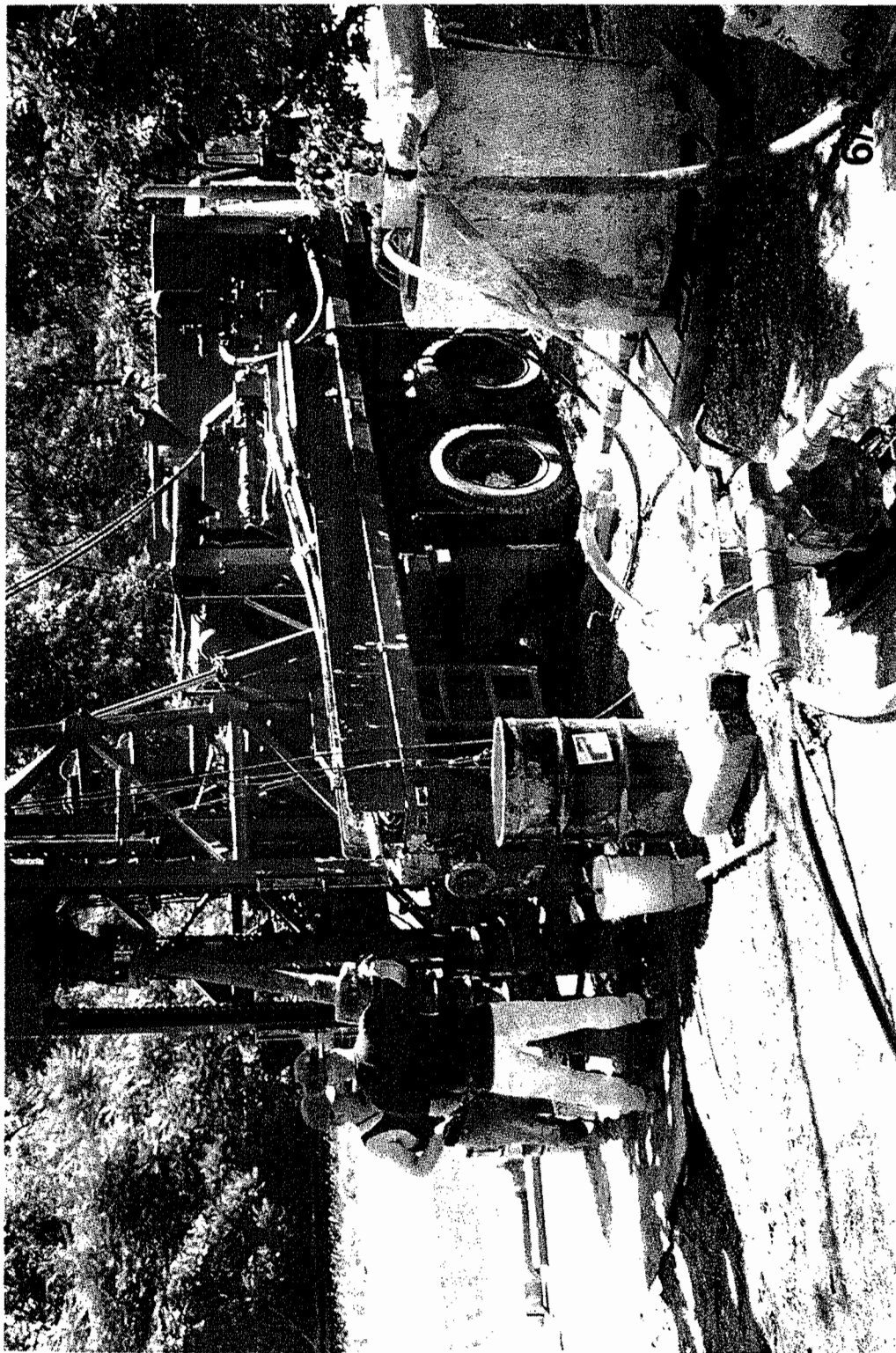
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of motor
panel outside building
Photograph No.: 289 Date Taken: 6/20/03
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of extractor
well EW-2
Photograph No.: 290 Date Taken: 6/24/63
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of
screen extraction well EW-2
Photograph No.: 291 Date Taken: 6/24
Inspector: A. Jurekiewicz



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Remove augers and
grouting FW-2
Photograph No.: 8298 Date Taken: 6/25
Inspector: A. Jurekewski



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

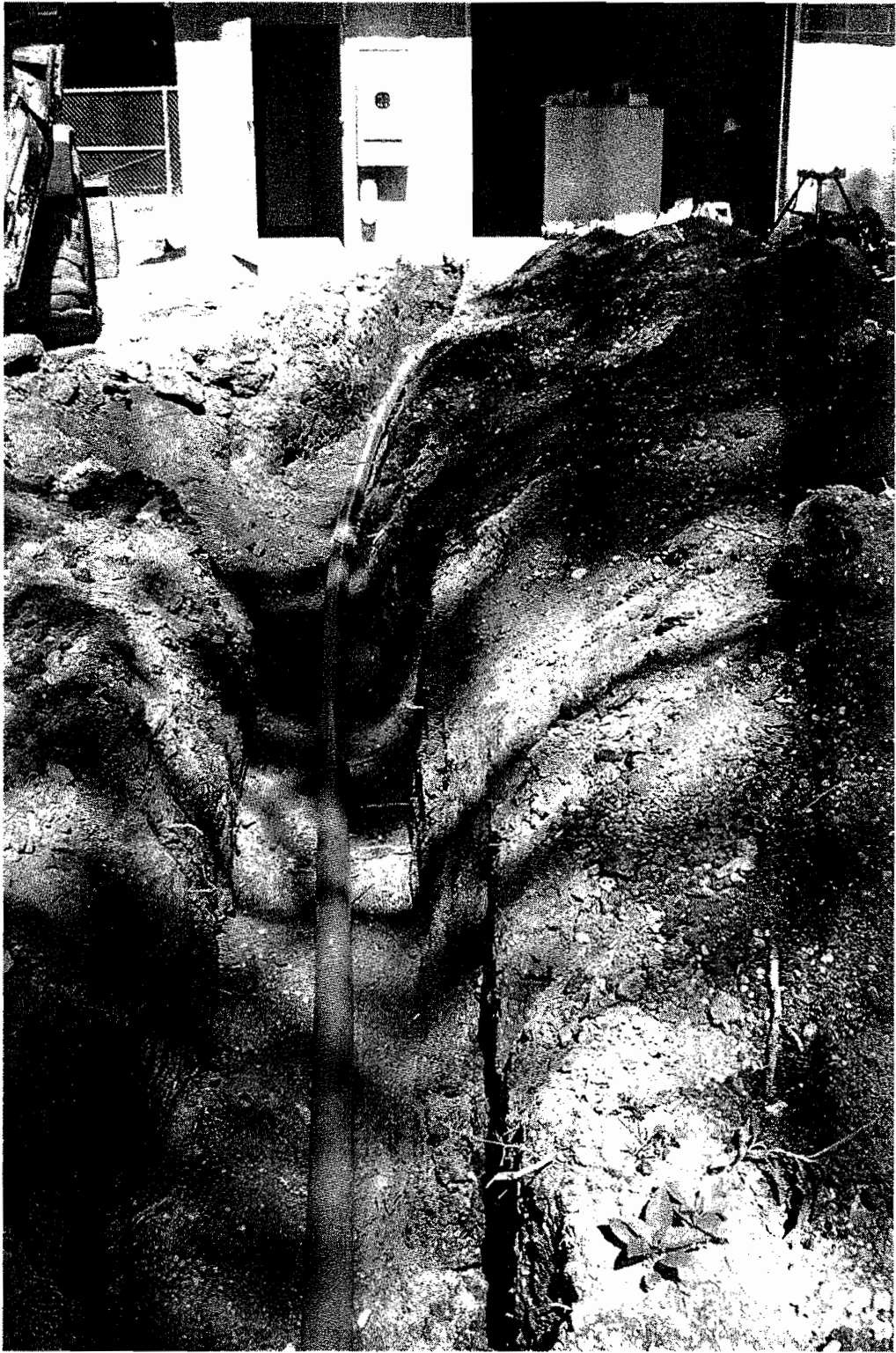
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Installation of electrical
conduit to Treatment System Building

Photograph No.: 293 Date Taken: 6/25

Inspector: R. Helmy



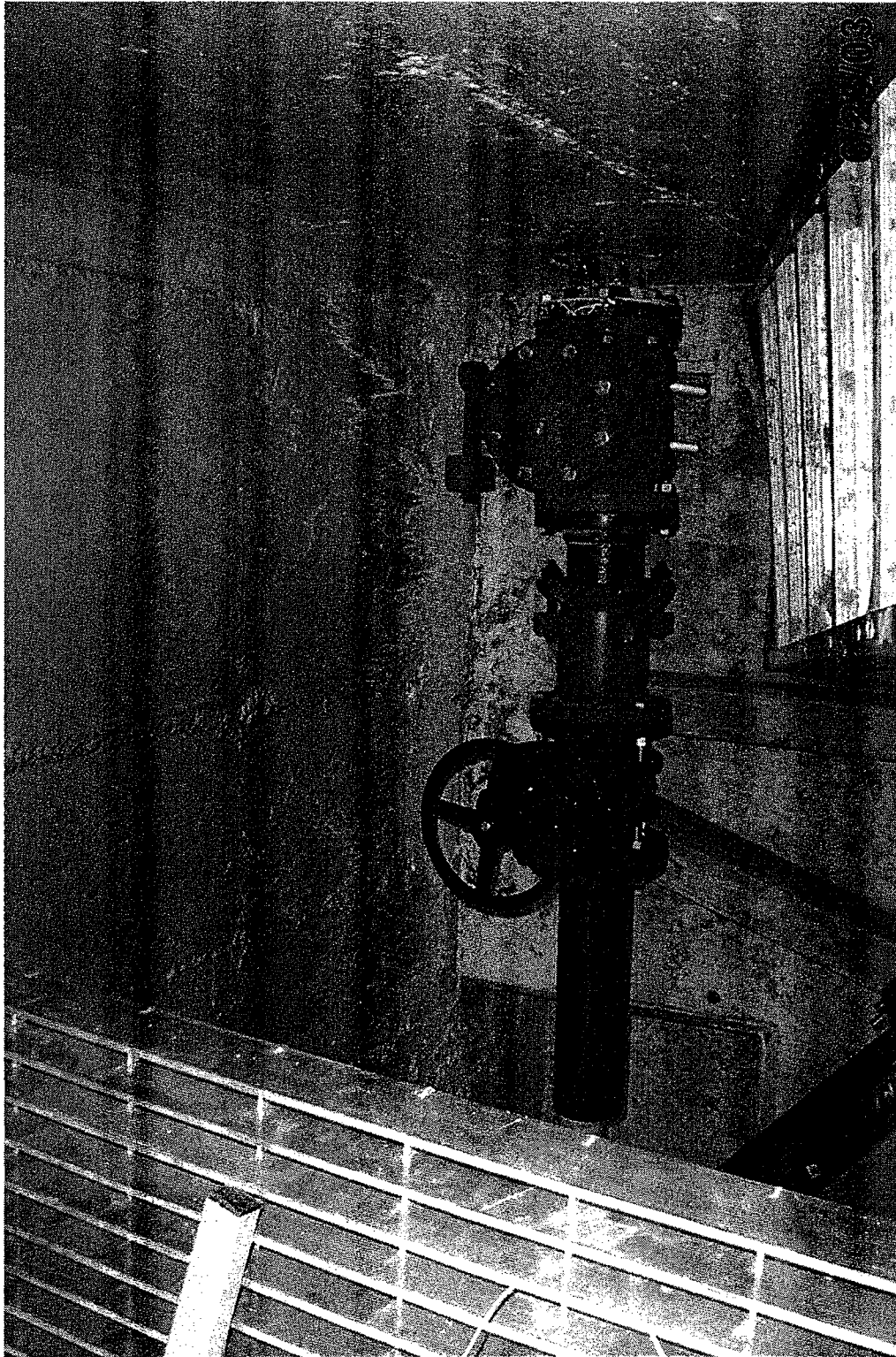
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION

Site No.: 1-30-050 Contract No: D004264

Description of View: Installation of electrical
conduit to Treatment System Building

Photograph No.: 294 Date Taken: 6/25

Inspector: R. Helmy



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

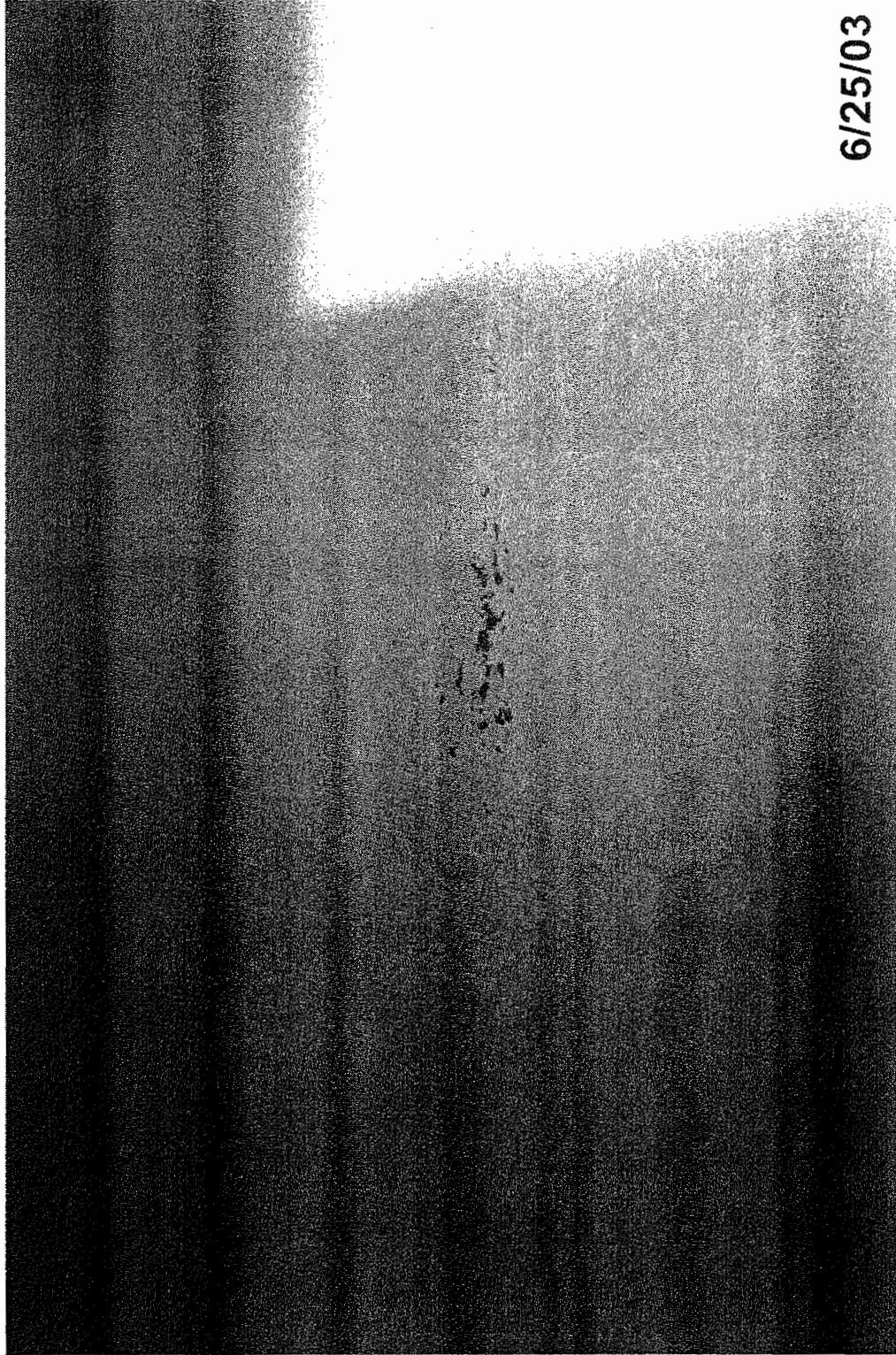
Site No.: 1-30-050 --- Contract No: D004264

Description of View: Down view threaded rod
to support check valve in valve vault

Photograph No.: 295 Date Taken: 6/25

Inspector: R. Heling

6/25/03



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Scratches on
vapor curtain vessel (left)
Photograph No.: 296 Date Taken: 6/25
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Scratches on
vapor carbon vessel (north)
Photograph No.: 297 Date Taken: 6/25
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Installation of 2" tele
phone conduit
Photograph No.: 298 Date Taken: 6/25
Inspector: R. Helmy



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

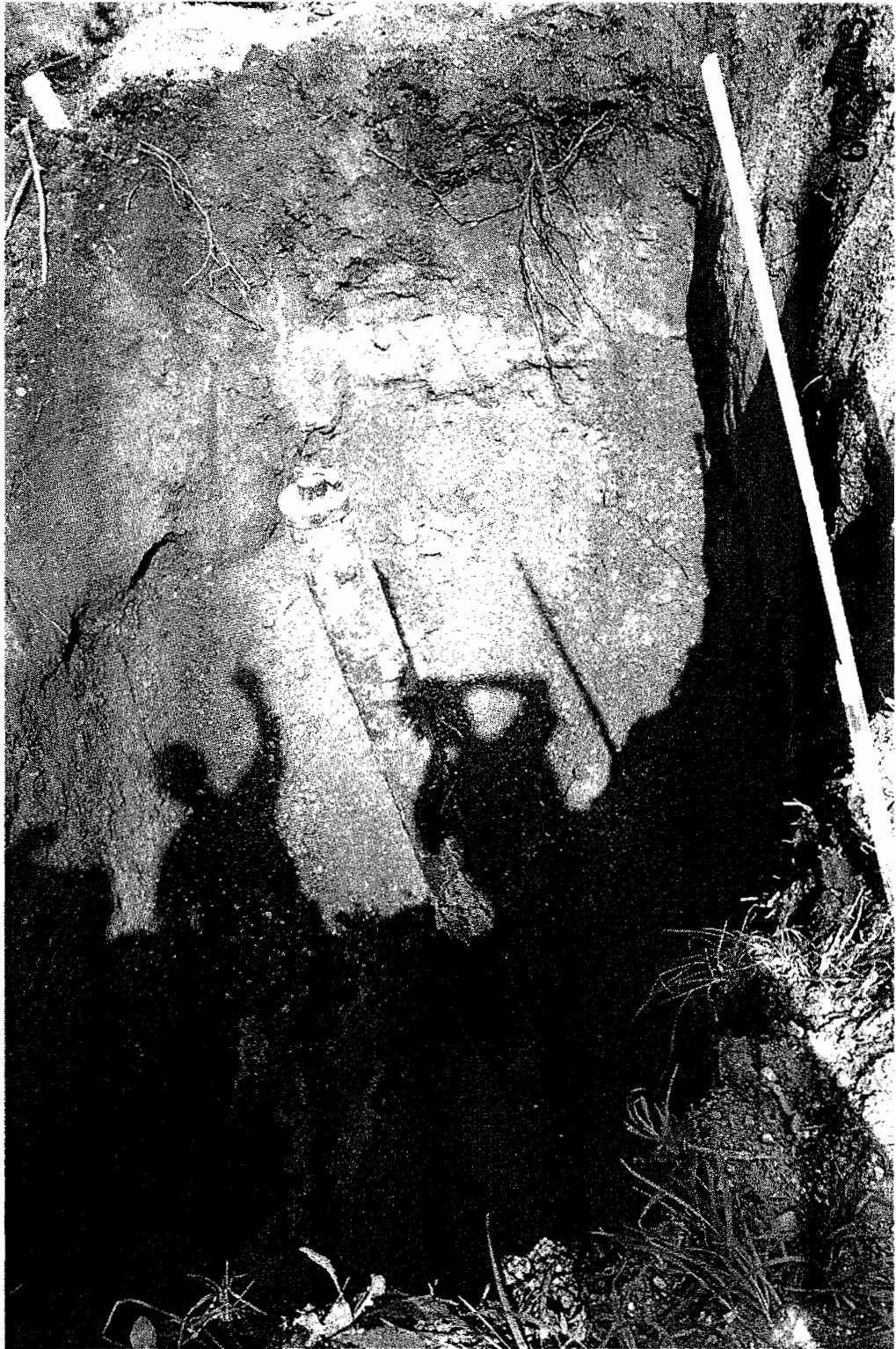
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Aerial view layout
telephone conduit (south side)

Photograph No.: 299 Date Taken: 6/25

Inspector: R. Helmy



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

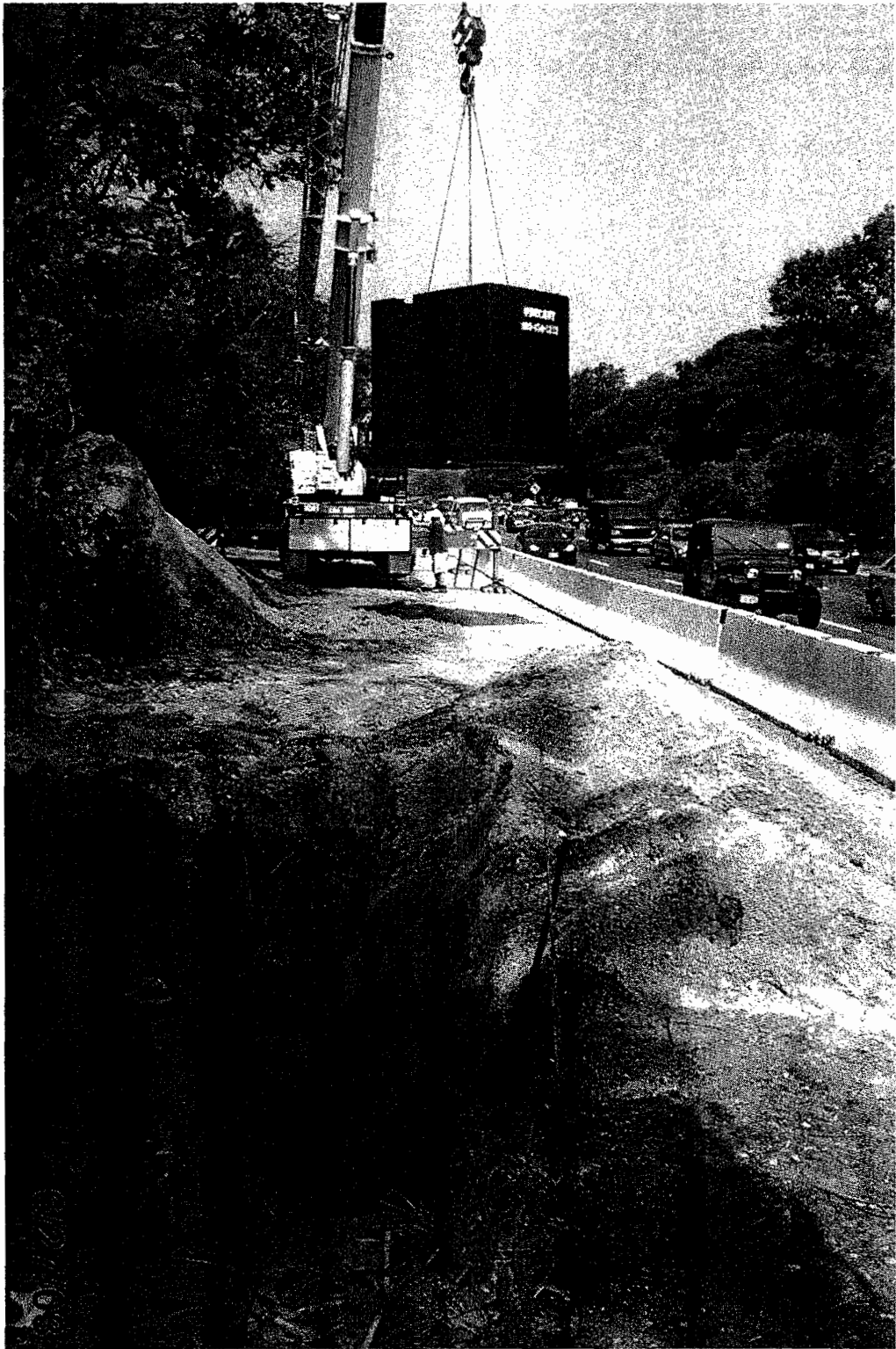
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

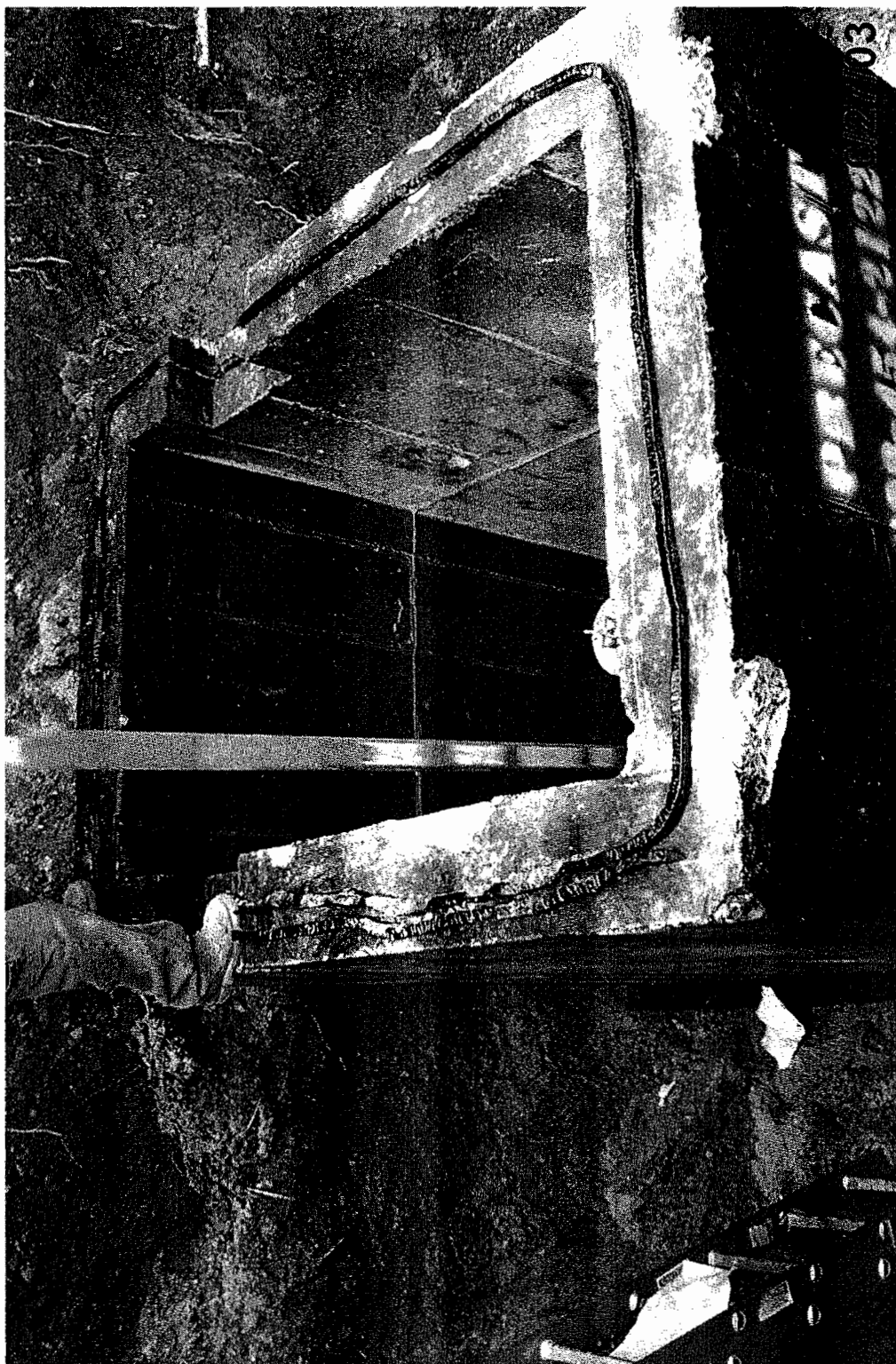
Description of View: Subbase excavation/
installation well vault EW-1

Photograph No.: 309 Date Taken: 6/27

Inspector: R. Helting

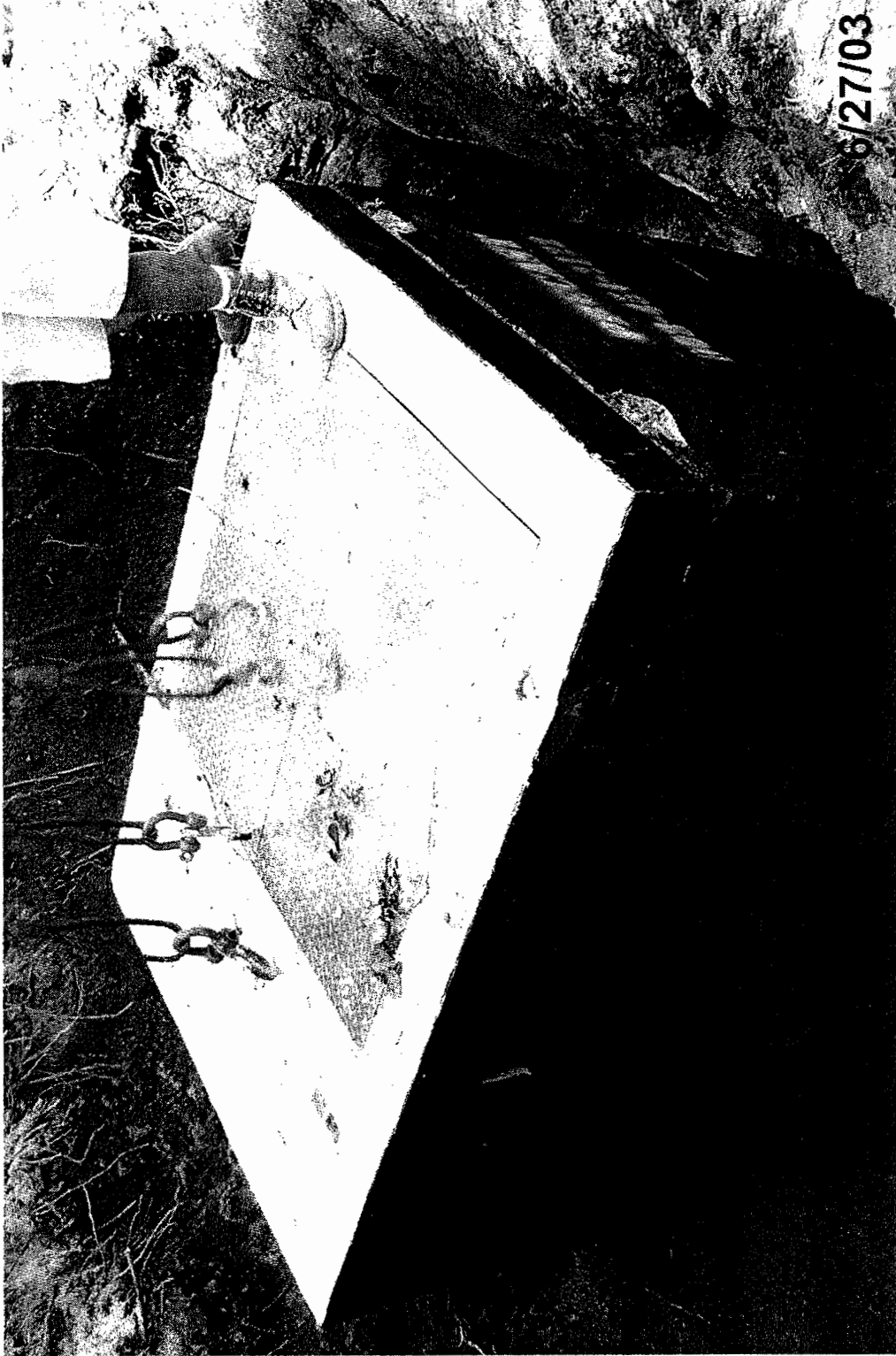


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview crane
and well vault FW-1
Photograph No.: 301 Date Taken: 6/27
Inspector: R. Helmy



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview well vault
EW-1

Photograph No.: 302 Date Taken: 6/27
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 -- Contract No: D004264

Description of View: Installation of well
vent cover EW-1

Photograph No.: 303, Date Taken: 6/27

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Measurement north
side well vault -> electrical line (24")

Photograph No.: 304 Date Taken: 6/27

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

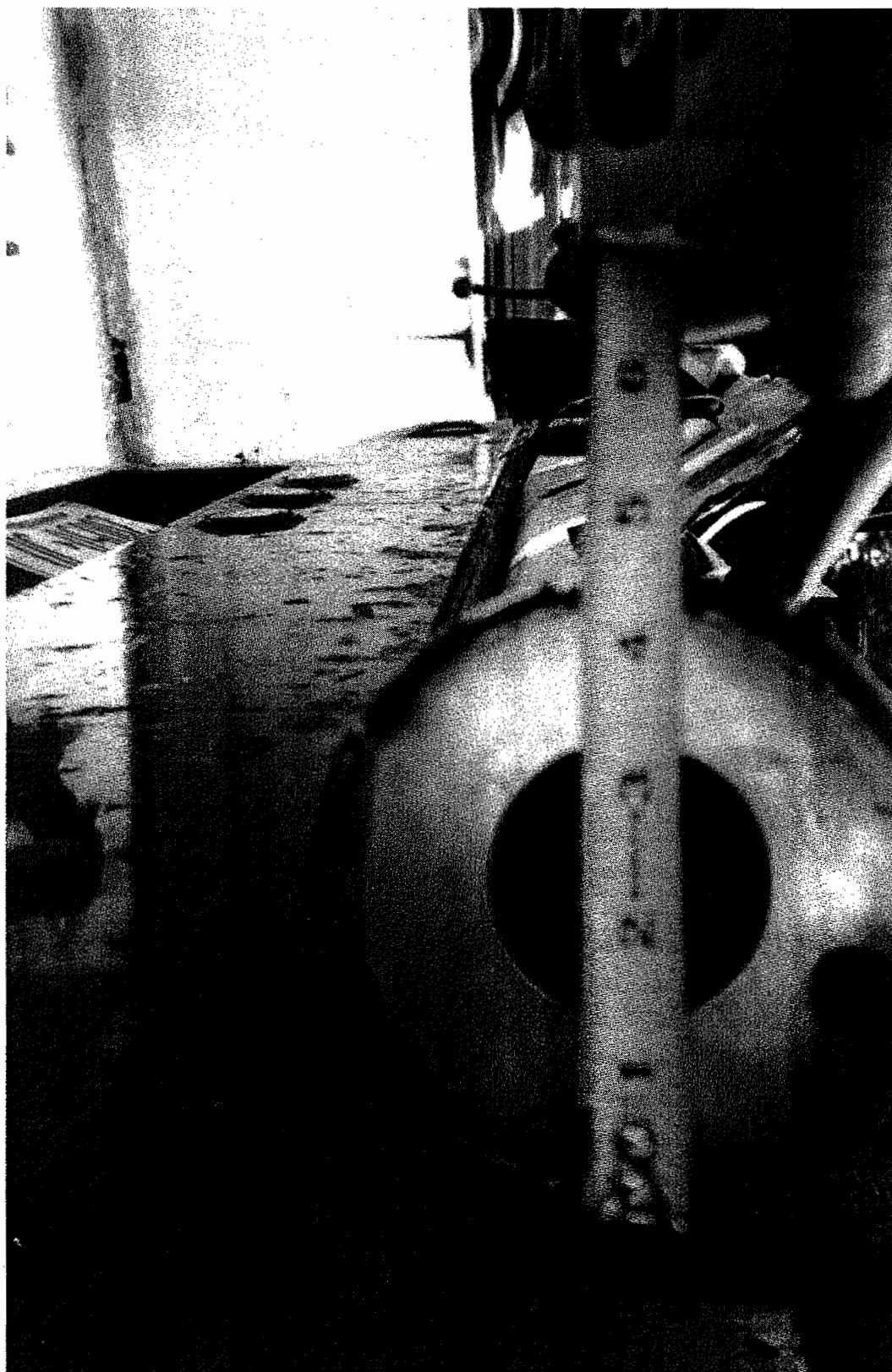
Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail airlines

groundwater extraction well #1

Photograph No.: 305 Date Taken: 7/15/03

Inspector: B. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

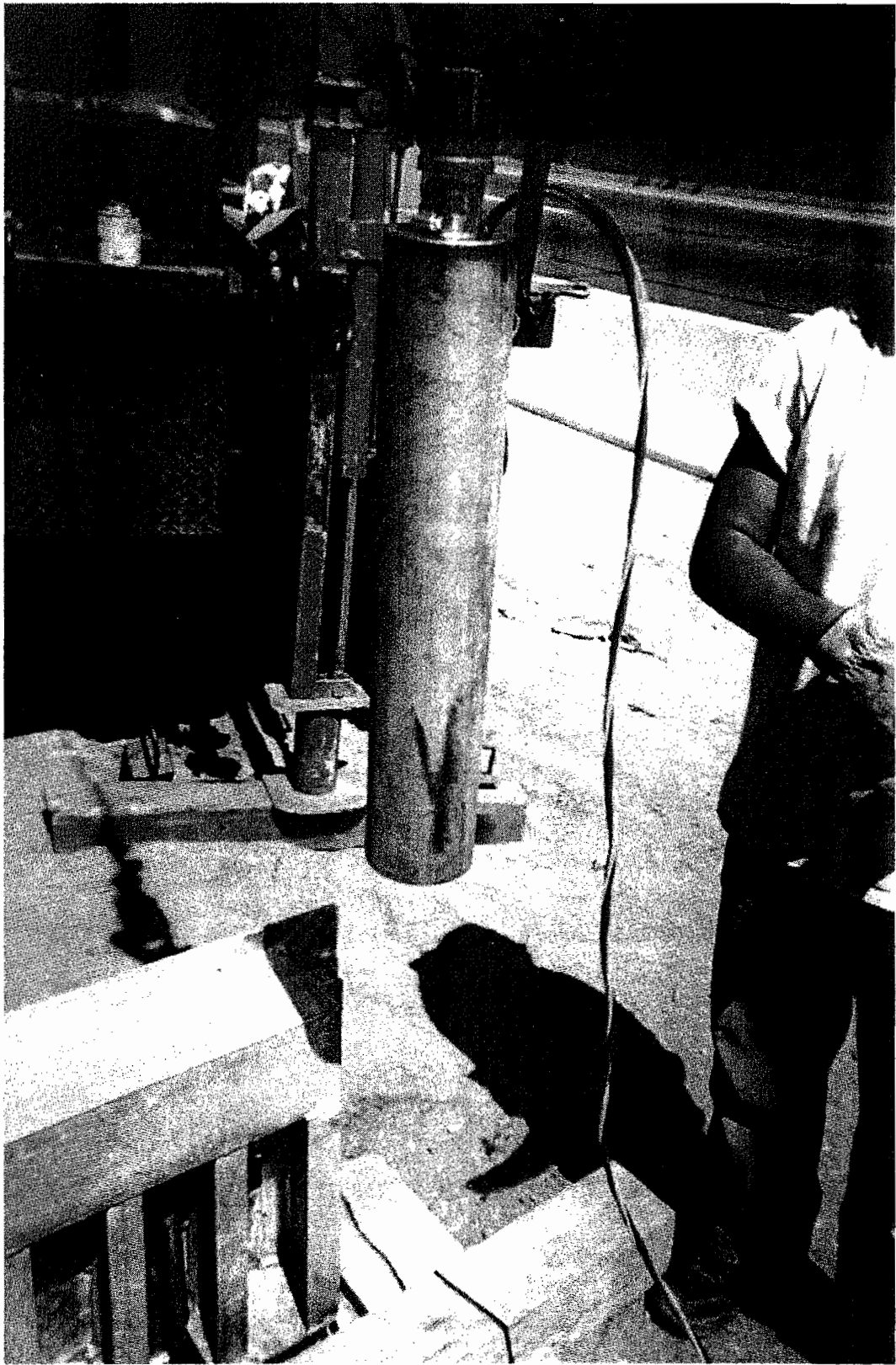
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail shoot casing

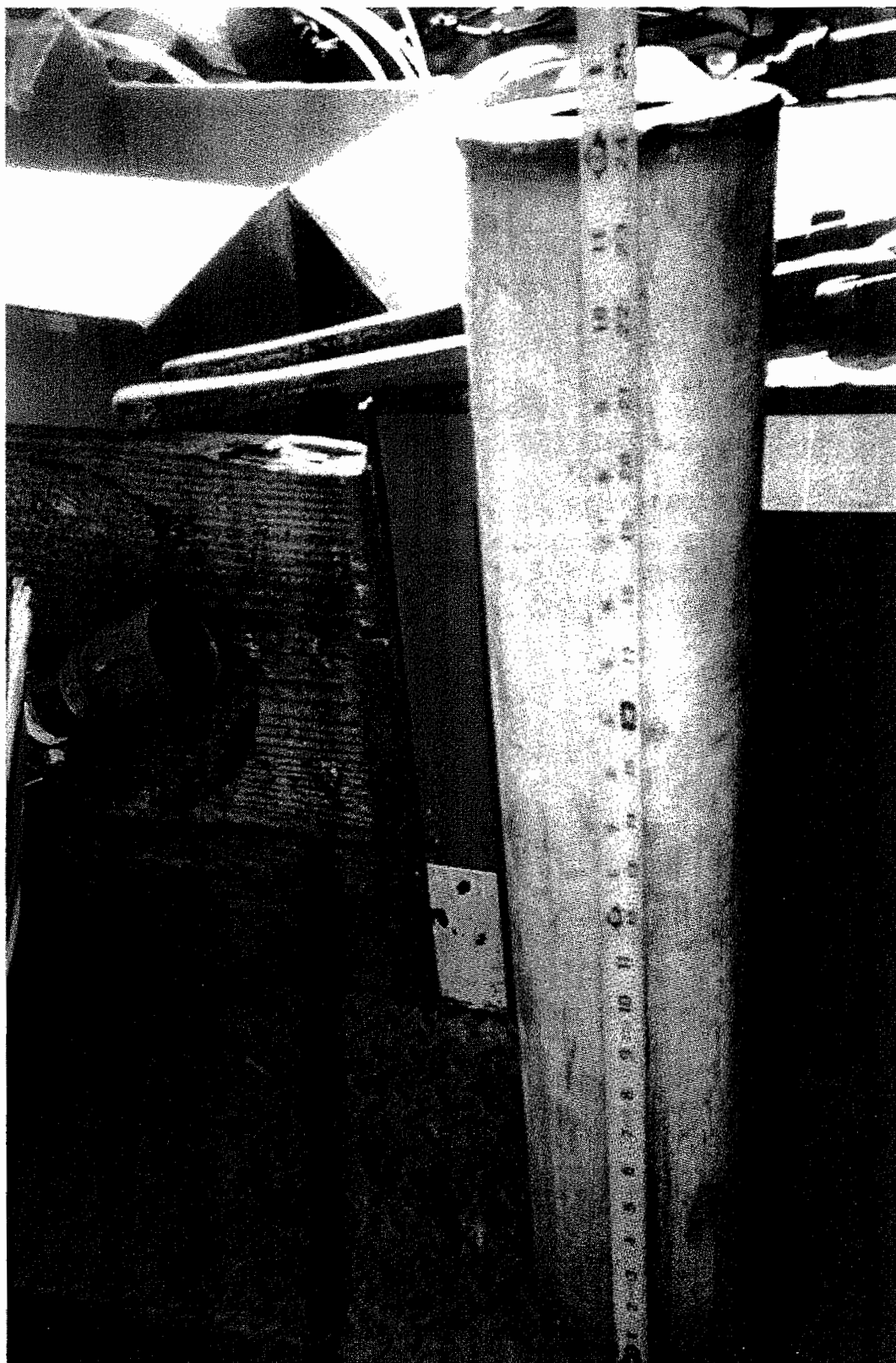
Photograph No.: 308 Date Taken: 7/15

Inspector: R Heling

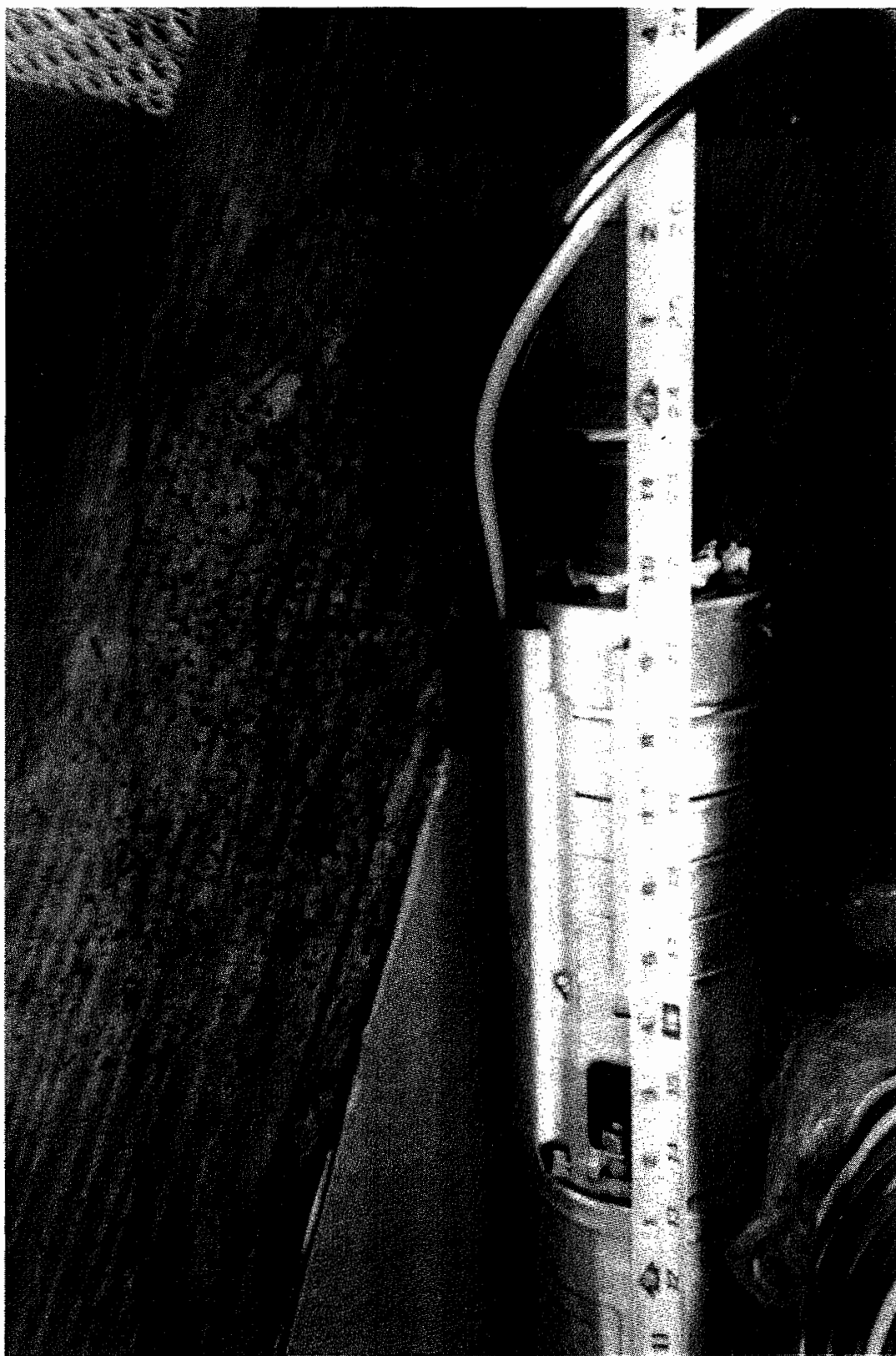


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Extraction well pump
EW-2

Photograph No: 300 Date Taken: 7/15
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Shroud casing
groundwater extraction well #2
Photograph No.: 306 Date Taken: 2/15
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail pump inlet +
Reducer E W 2
Photograph No.: 307 Date Taken: 7/15
Inspector: R. Heling

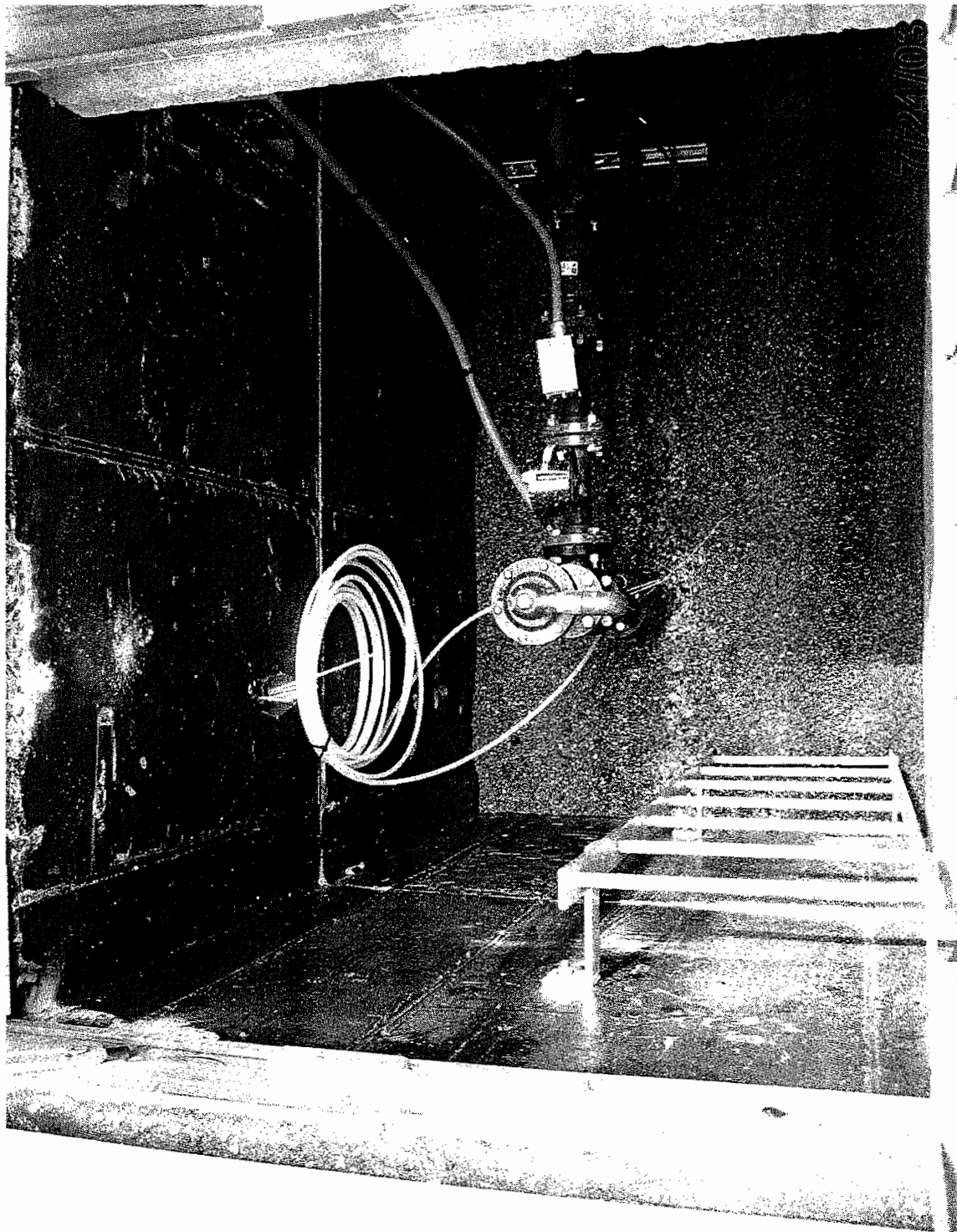


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 Contract No: D004264
Description of View: Piping layout
outside EW-2
Photograph No.: 310 Date Taken: 7/15
Inspector: R. Heling



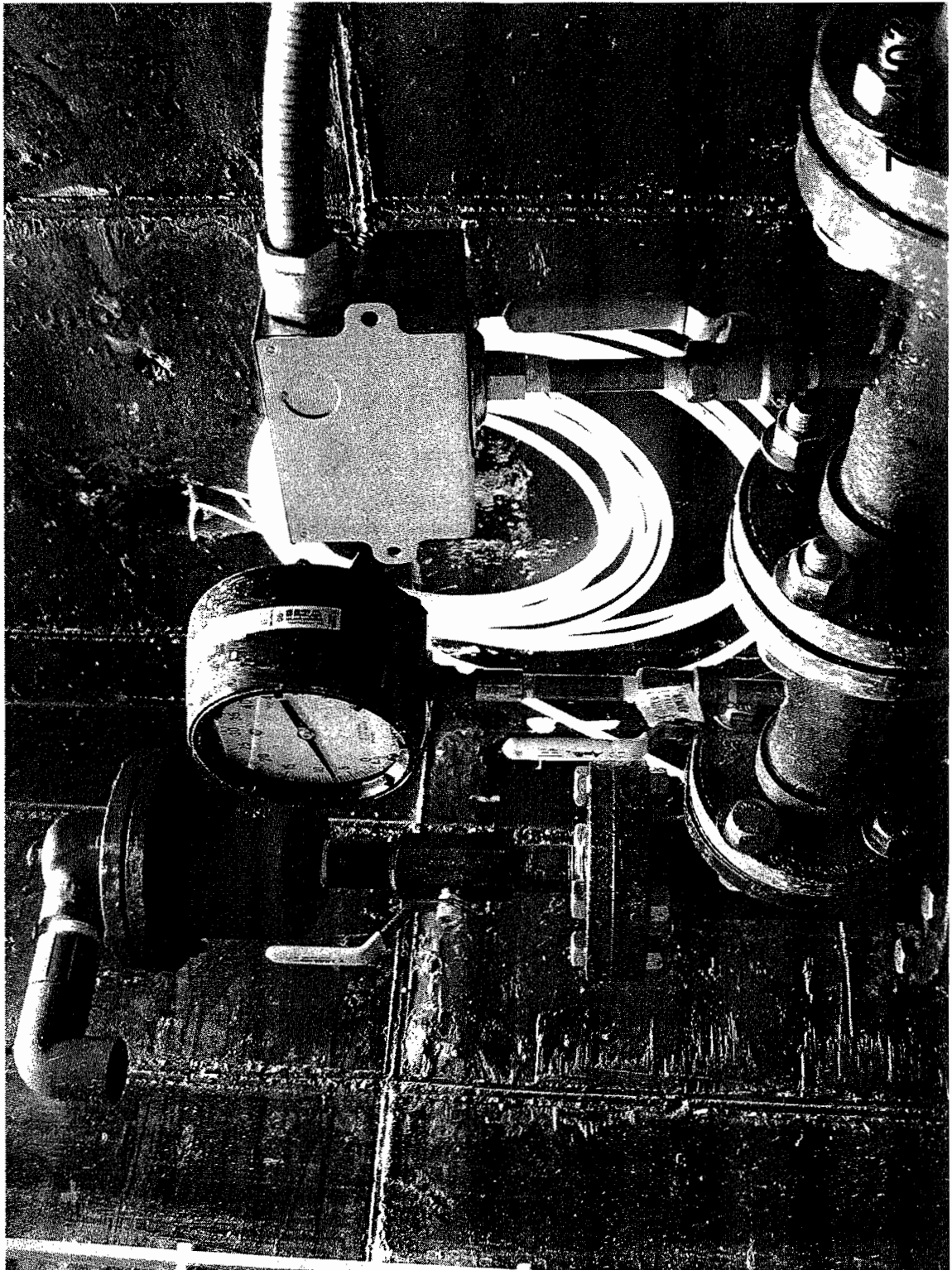
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview EW 1

Photograph No.: 313 Date Taken: 7/26
Inspector: R. Heling



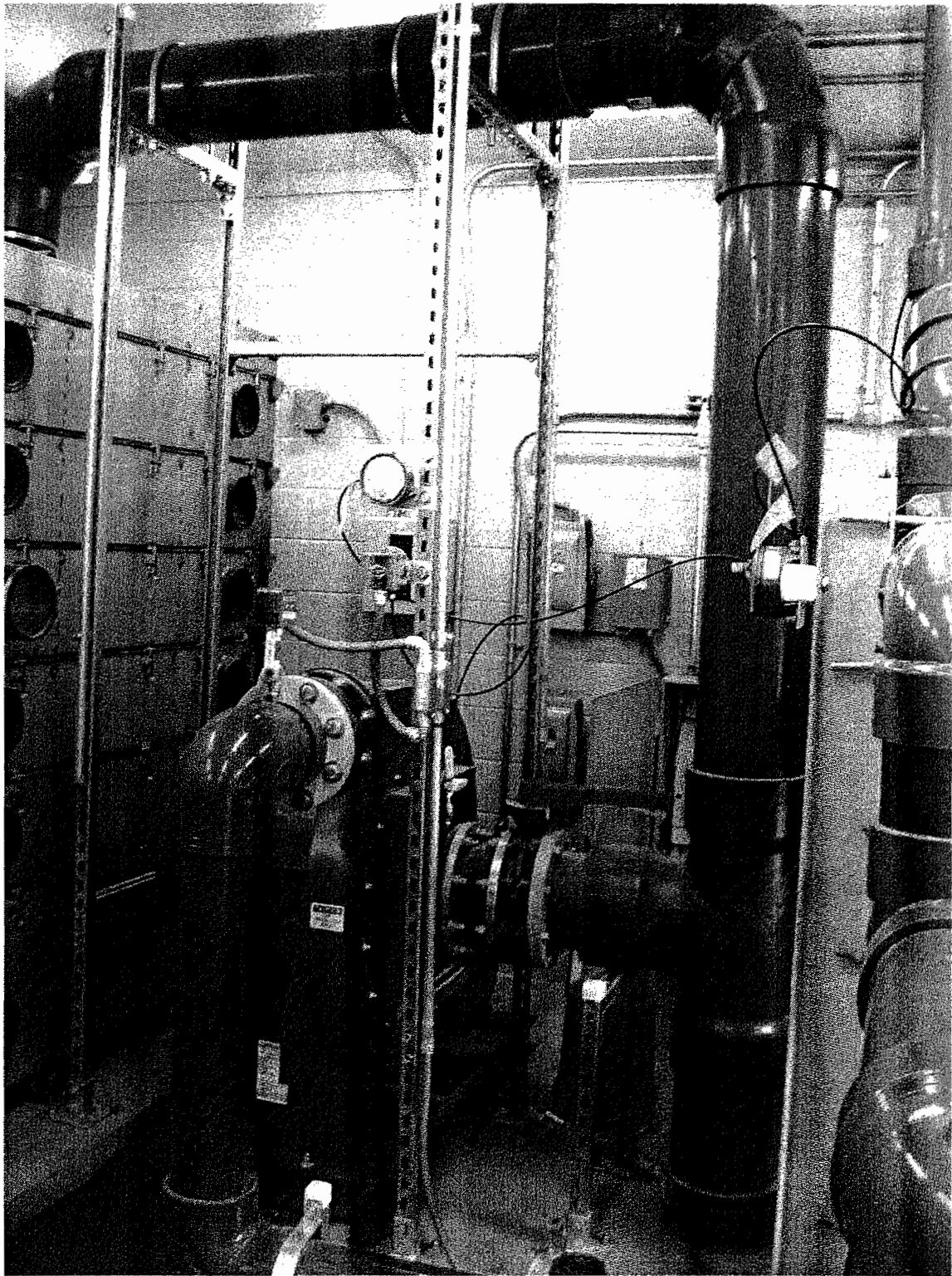
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Well vault FW-1

Photograph No.: 311 Date Taken: 7/2/01
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Well vault EW-1

Photograph No.: 312 Date Taken: 7/24
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

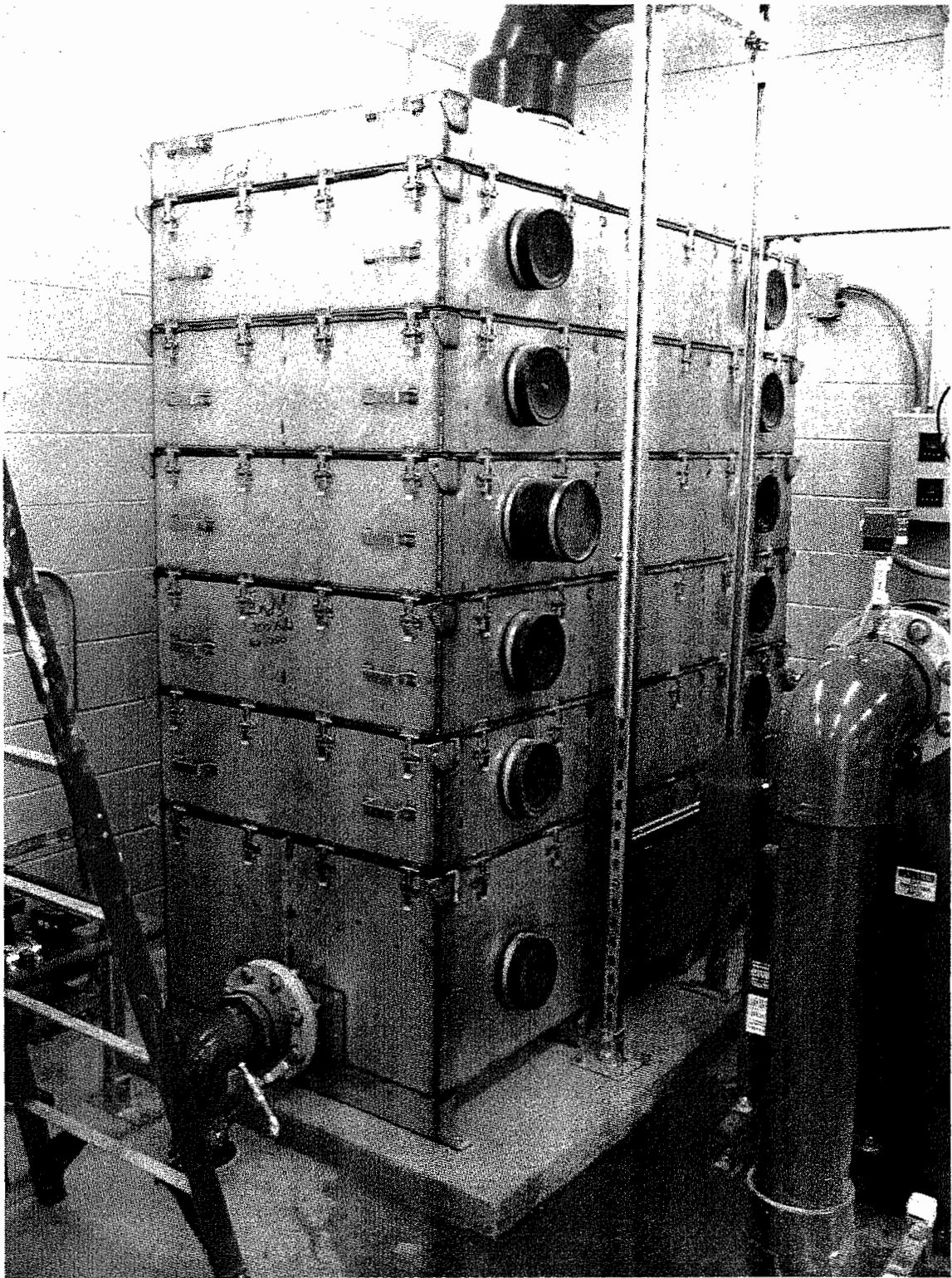
Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview parcel

blower + pvc piping suction side.

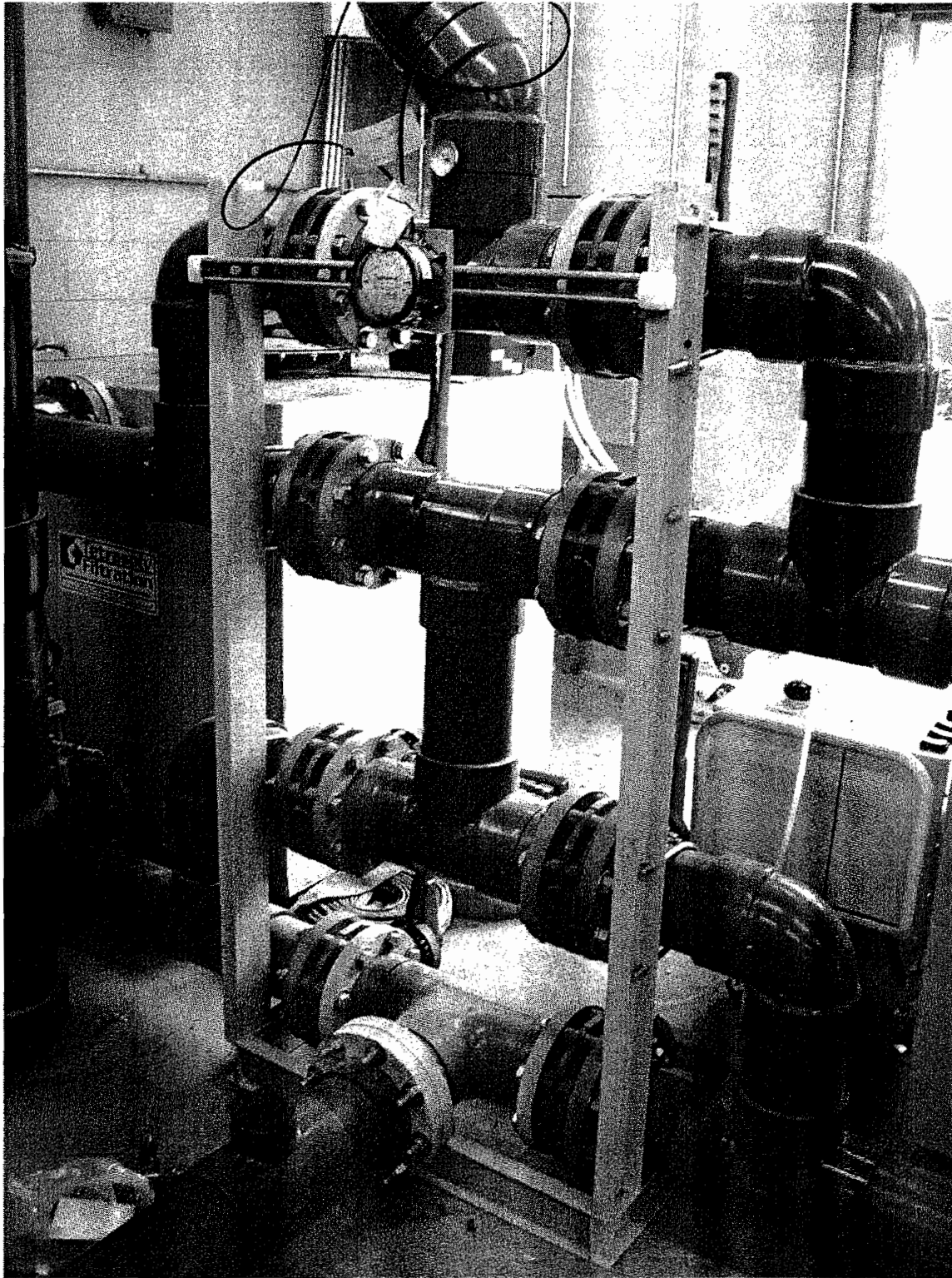
Photograph No.: 314 Date Taken: _____

Inspector: R. Heling

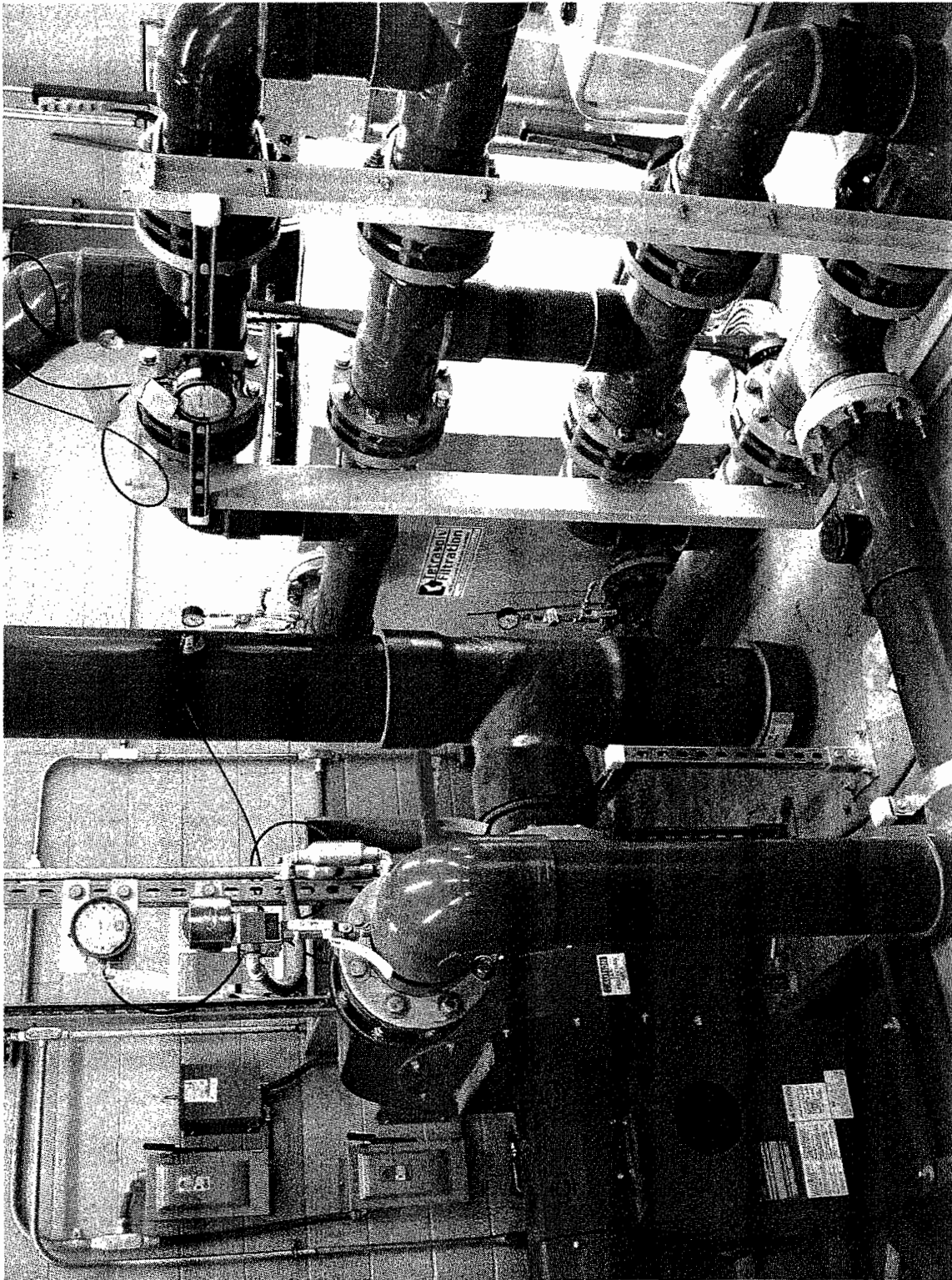


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview aireskipper

Photograph No.: 315 Date Taken: _____
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Heater manifold
vapor carbon vessels
Photograph No.: 316 Date Taken: _____
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

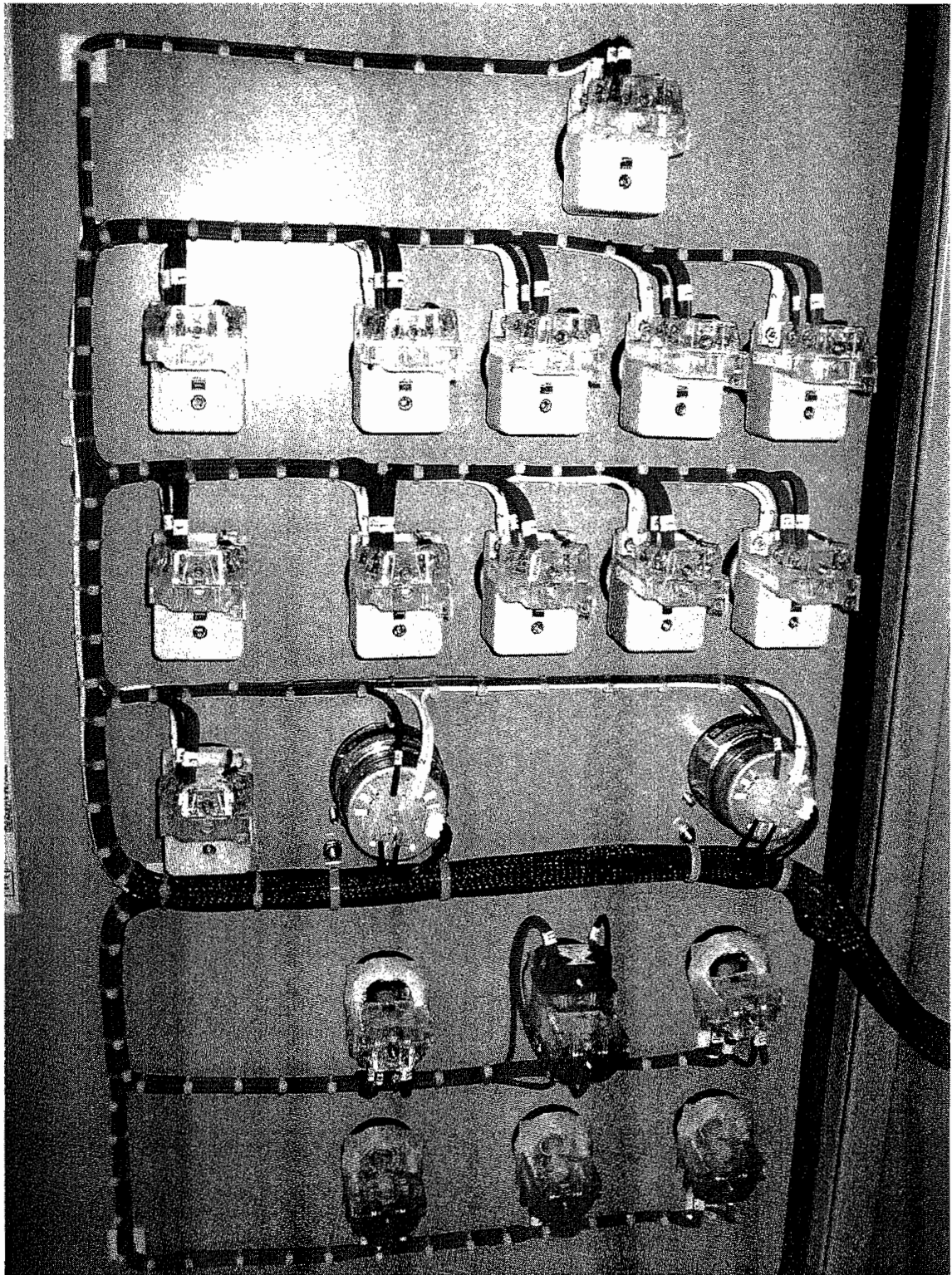
Contractor: URS CORPORATION

Site No.: 1-30-050 -- Contract No: D004264

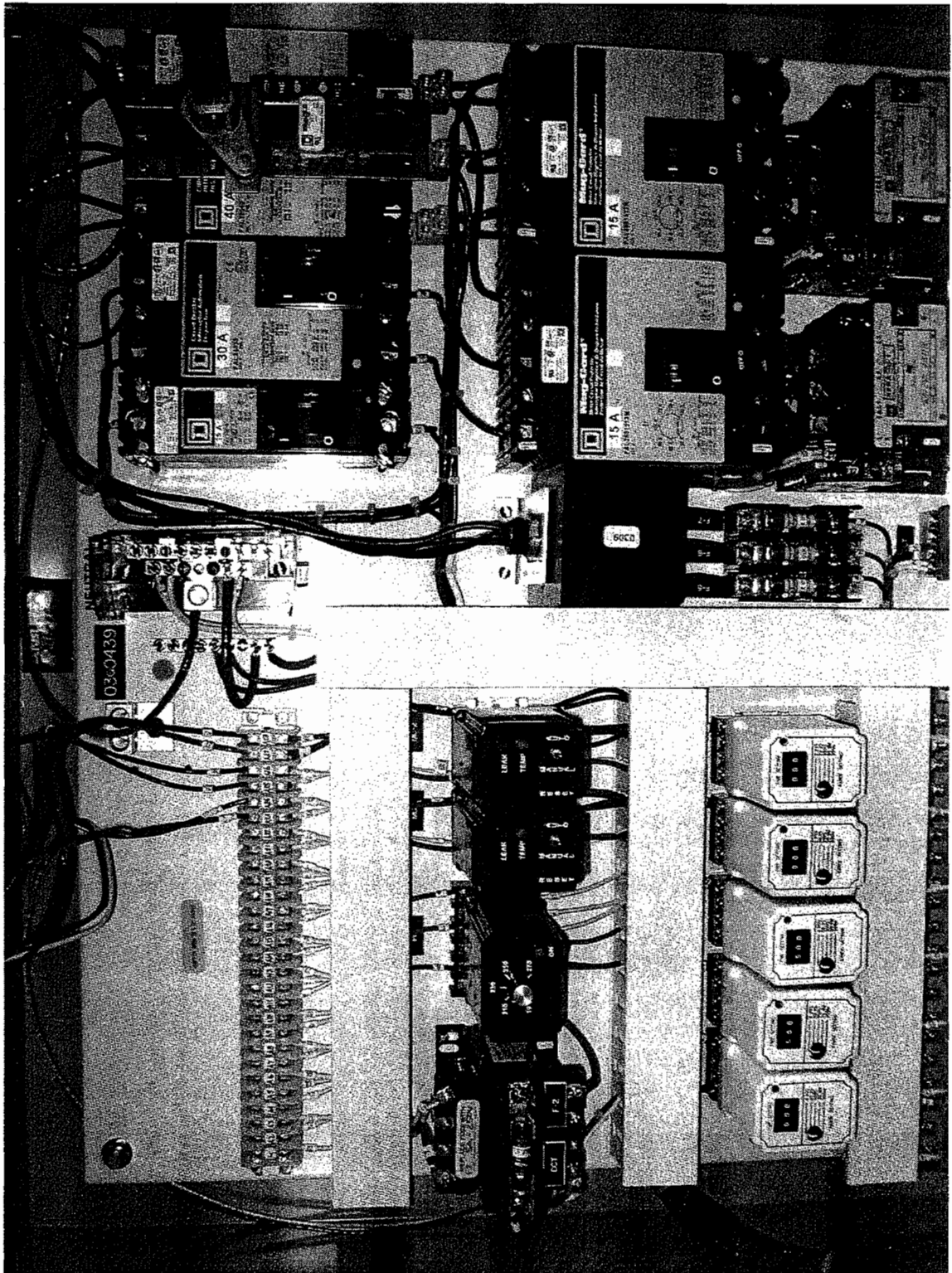
Description of View: Overview inside
Exhaustment Building facing North

Photograph No.: 317 Date Taken: _____

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Inside swimming pool
Submersible Contact Panel.
Photograph No.: 318 Date Taken: _____
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

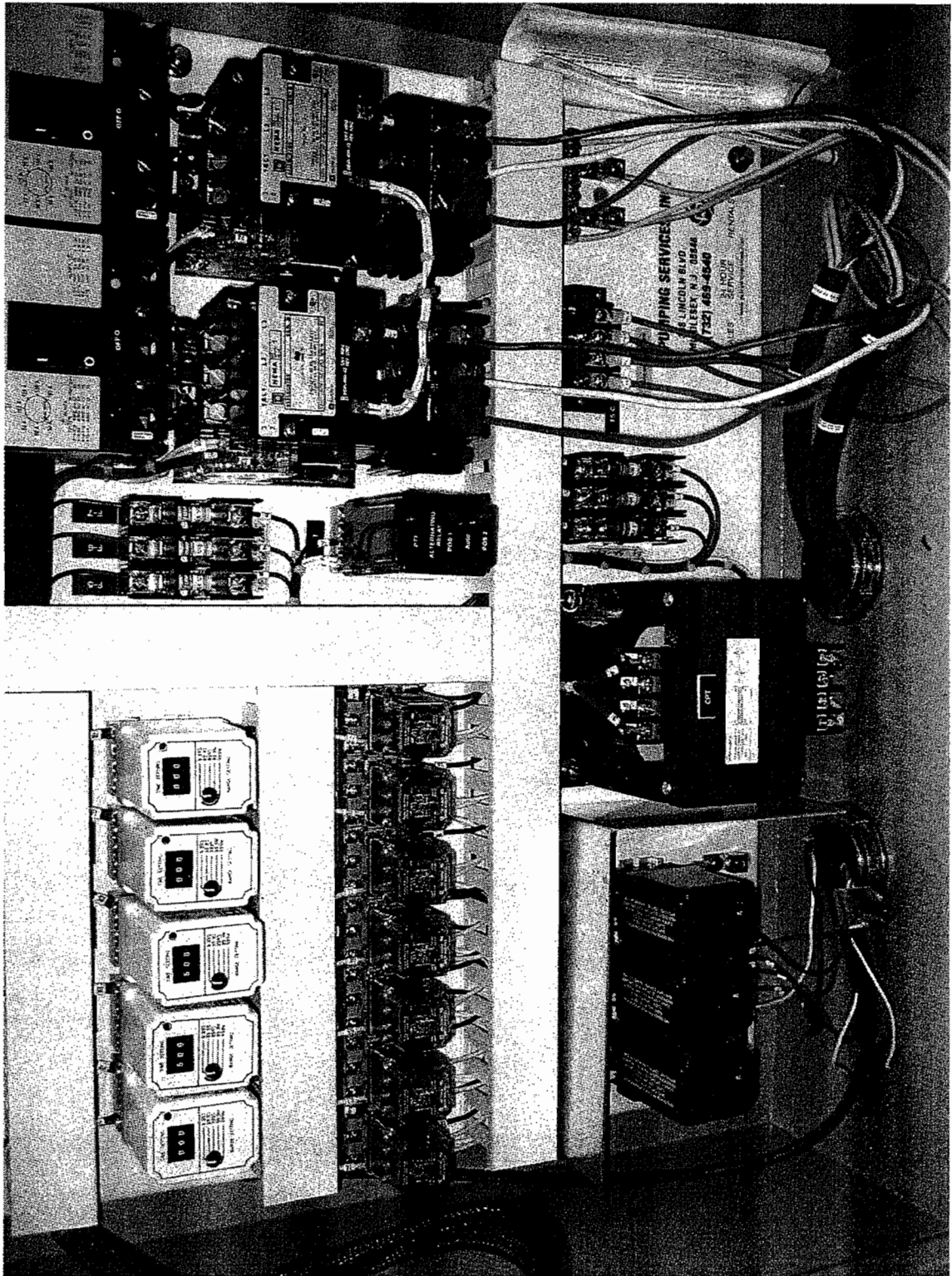
Site No.: 1-30-050 --- Contract No: D004264

Description of View: Inside Submersible

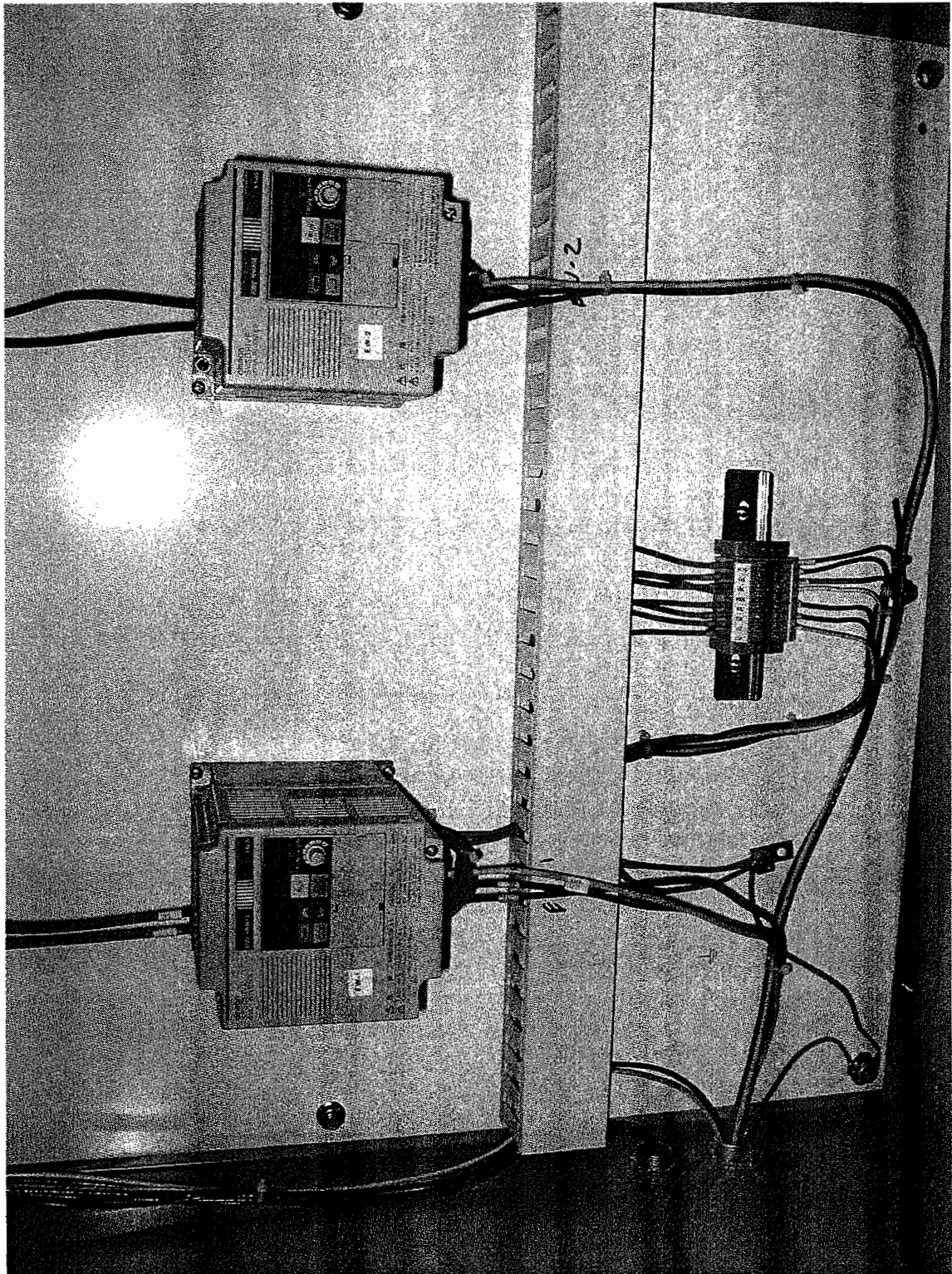
Pump Control (top panel)

Photograph No.: 319 Date Taken: _____

Inspector: R. Heling



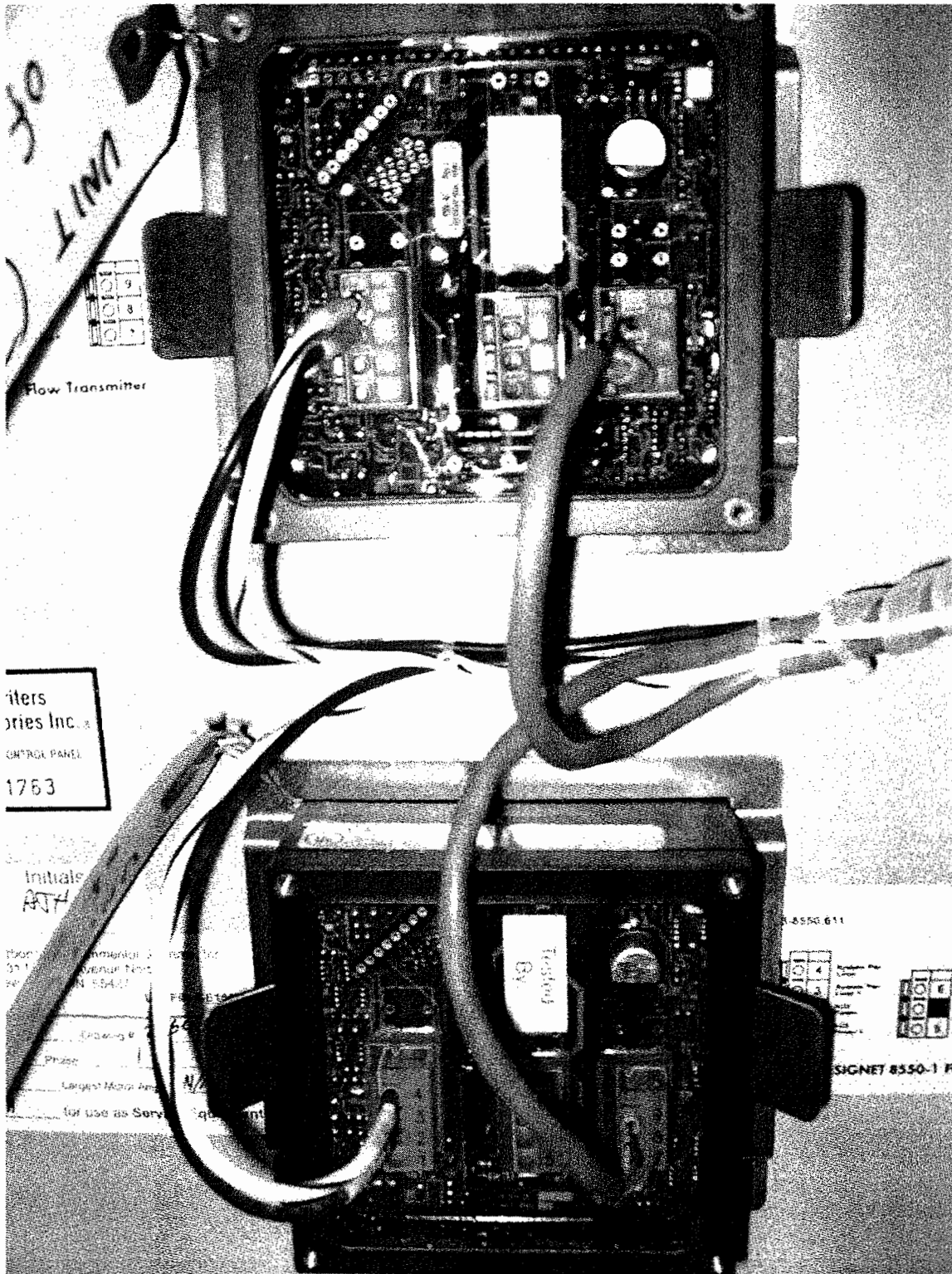
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Inside Submersible
Pump Control Panel (bottom panel)
Photograph No.: 320 Date Taken: _____
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail inside
VPD Panel EW-1 / EW-2
Photograph No.: 321 Date Taken: _____
Inspector: B. Heiny



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detailed Influent
Flow Transmitters
Photograph No.: 322 Date Taken: _____
Inspector: R. Hebing



30
UNIT

Flow Transmitter

Filters
ories Inc.
CONTROL PANEL
1763

Initials
AT4

Flow Transmitter
On 1/1/68
Serial No. 55421
Phase
Largest Motor
for use as Serv

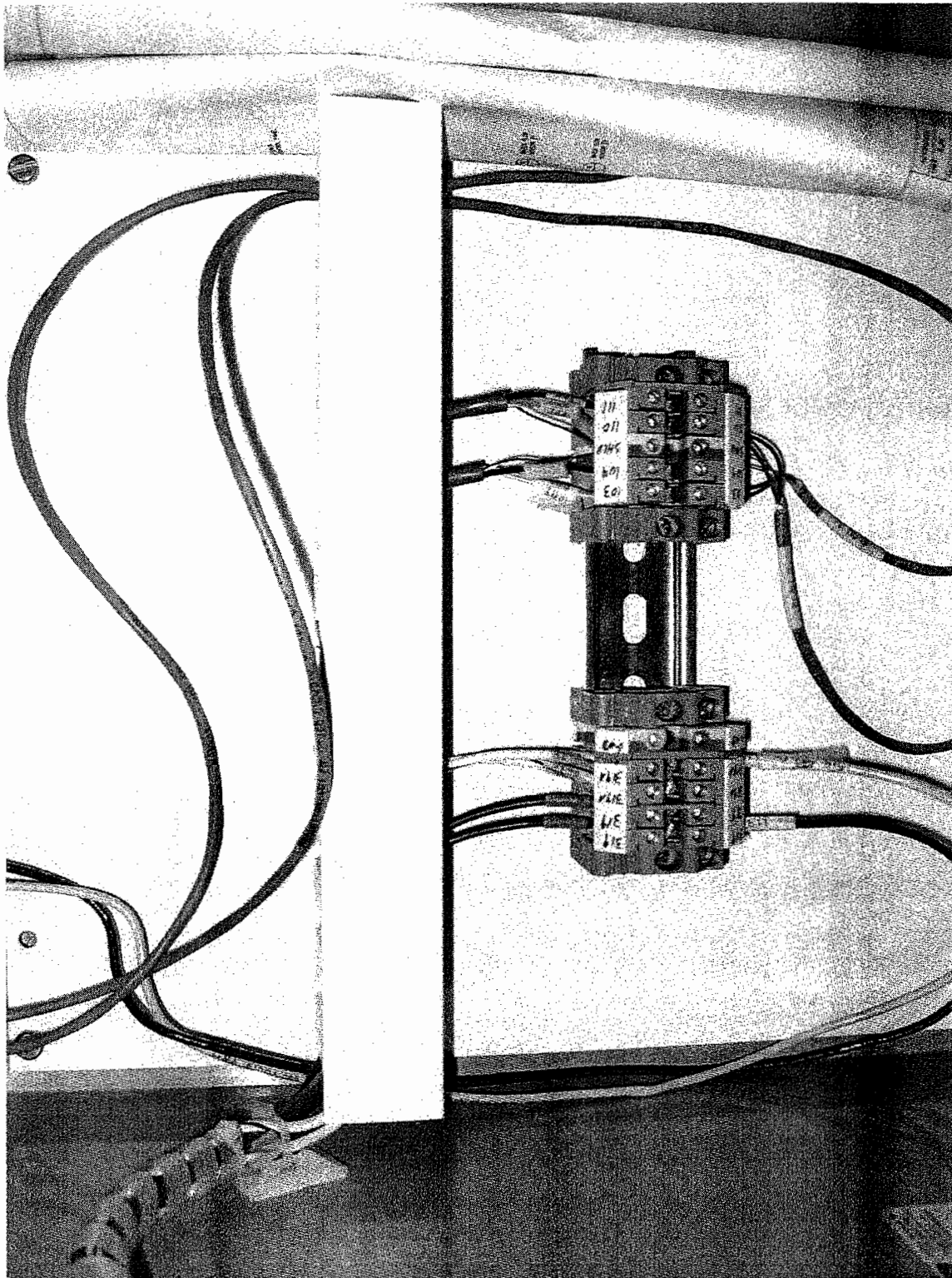
Testling
BY

8550.611

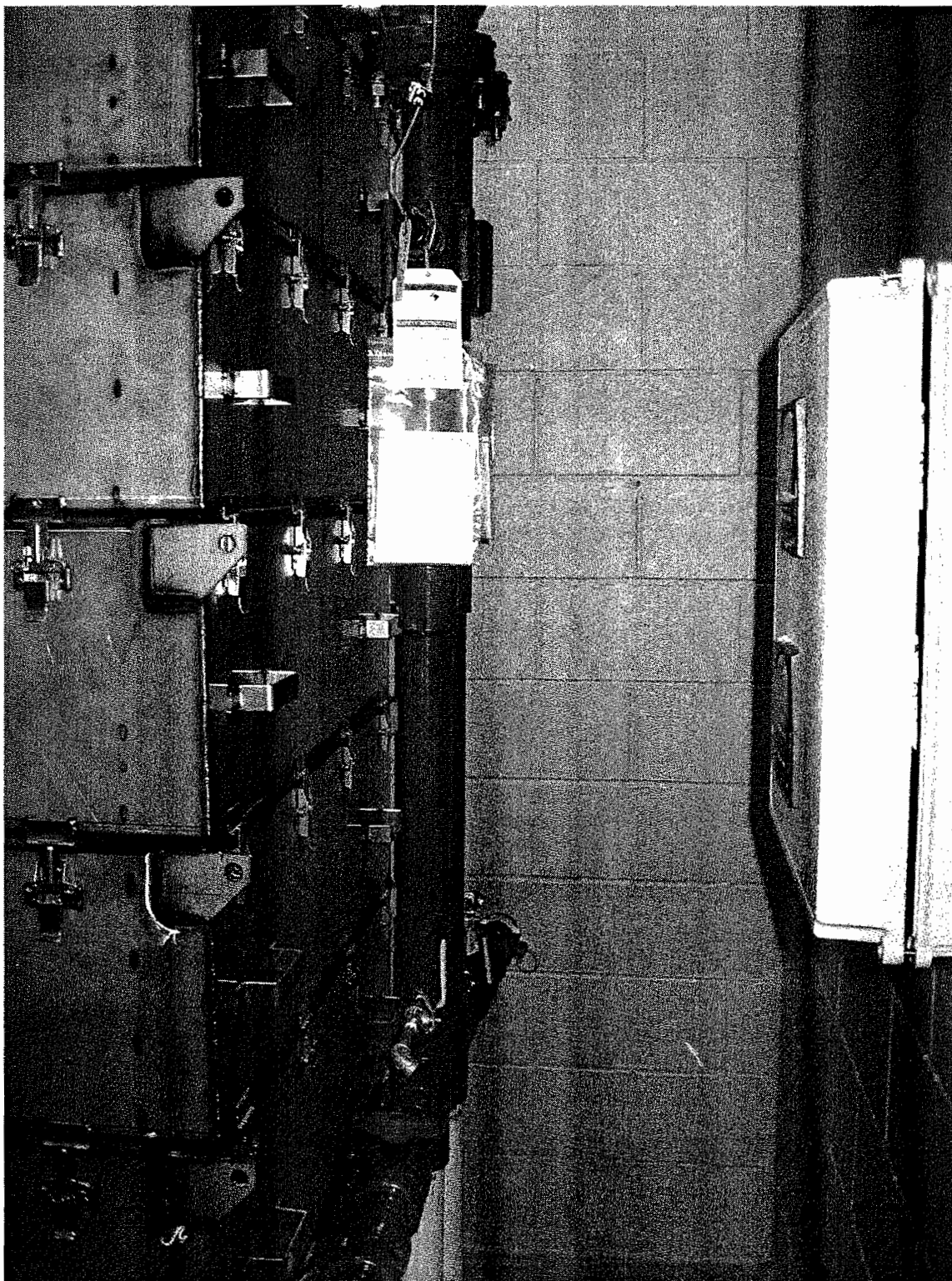
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

SIGNET 8550-1 P

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail inside influent
Flow transmission panel.
Photograph No.: 303 Date Taken: _____
Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Terminal strips
Influent Transmitter
Photograph No.: 324 Date Taken: _____
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview Influent
piping / sample tap / flow sensor.
Photograph No.: 325 Date Taken: _____
Inspector: R. Hering

Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

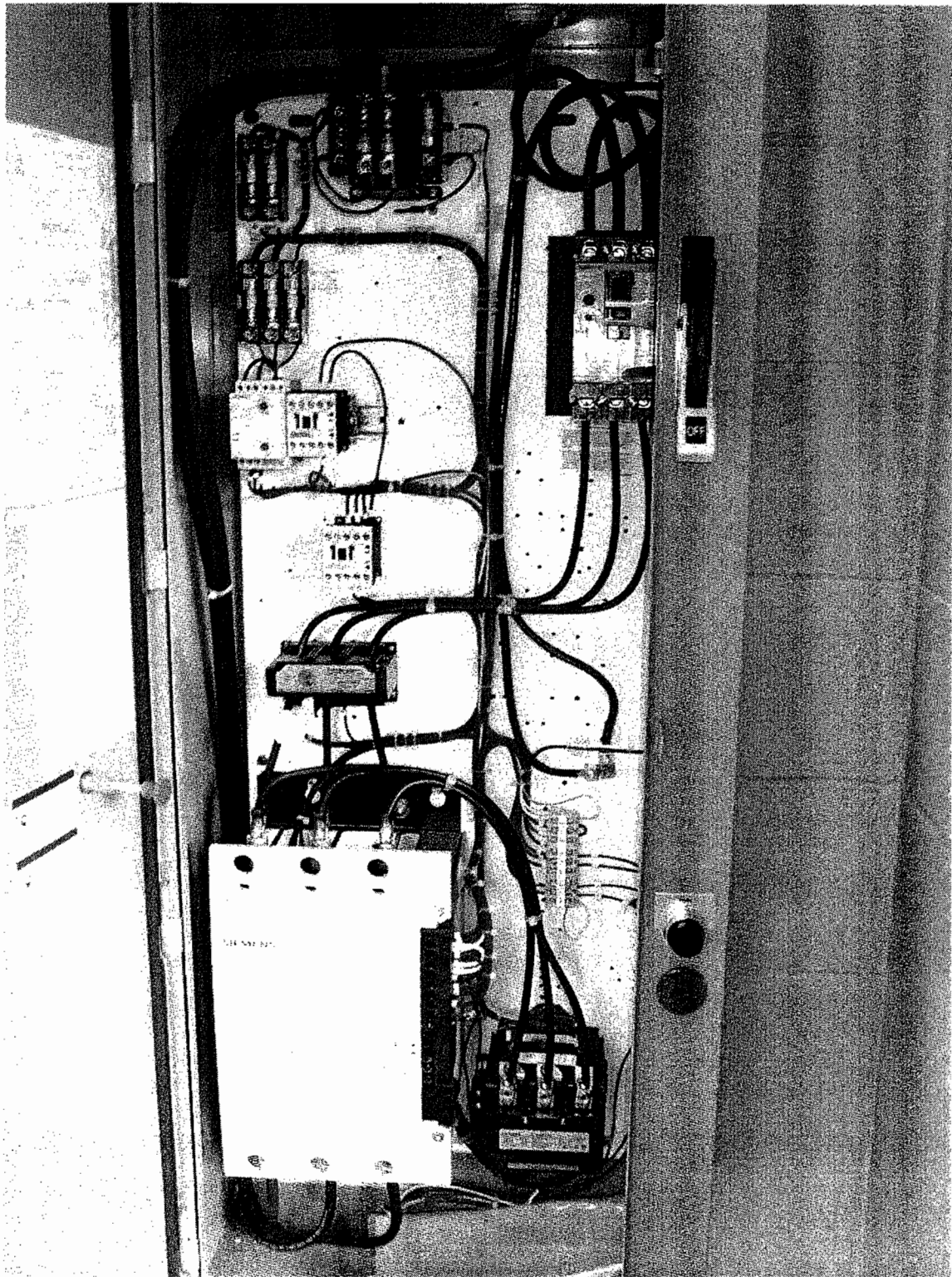
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

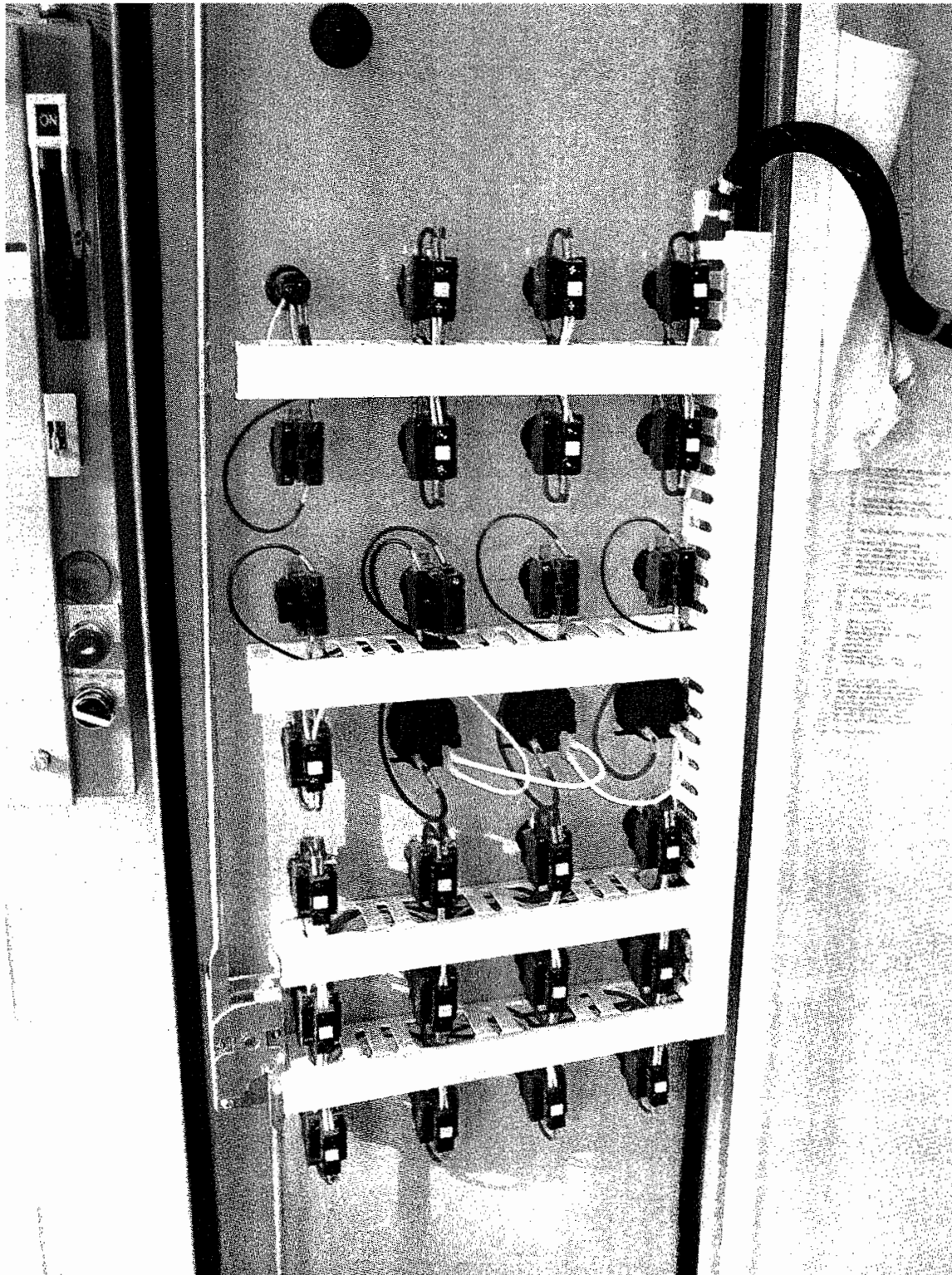
Description of View: Motor label pressure
blower

Photograph No.: 326 Date Taken: _____

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail inside
pressure blower motor starter
Photograph No.: 327 Date Taken: _____
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

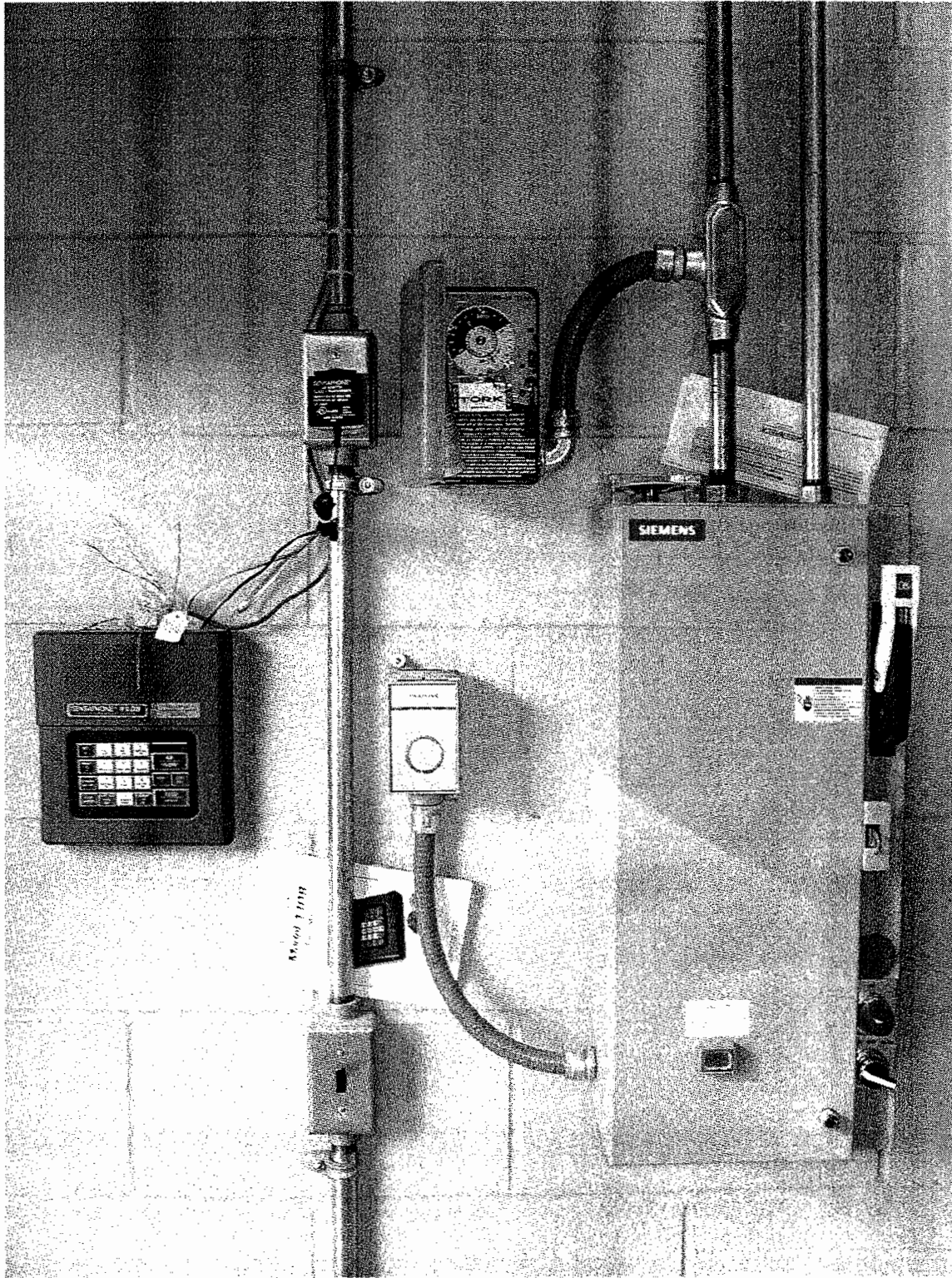
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail inside
swing door pressure blower panel

Photograph No.: 328 Date Taken: _____

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

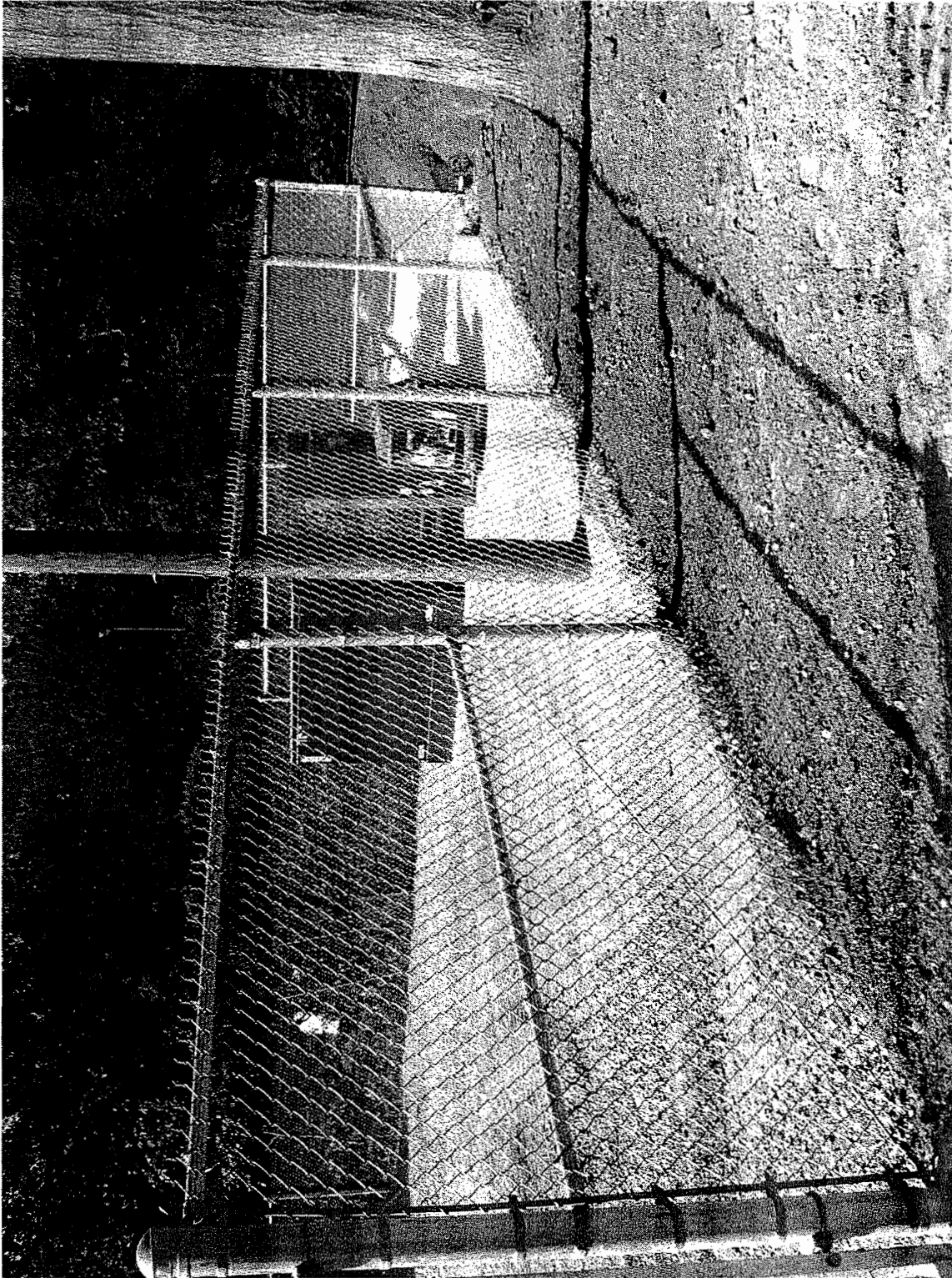
Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview south wall

@ entrance door

Photograph No: 329 Date Taken: _____

Inspector: R. Helmig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

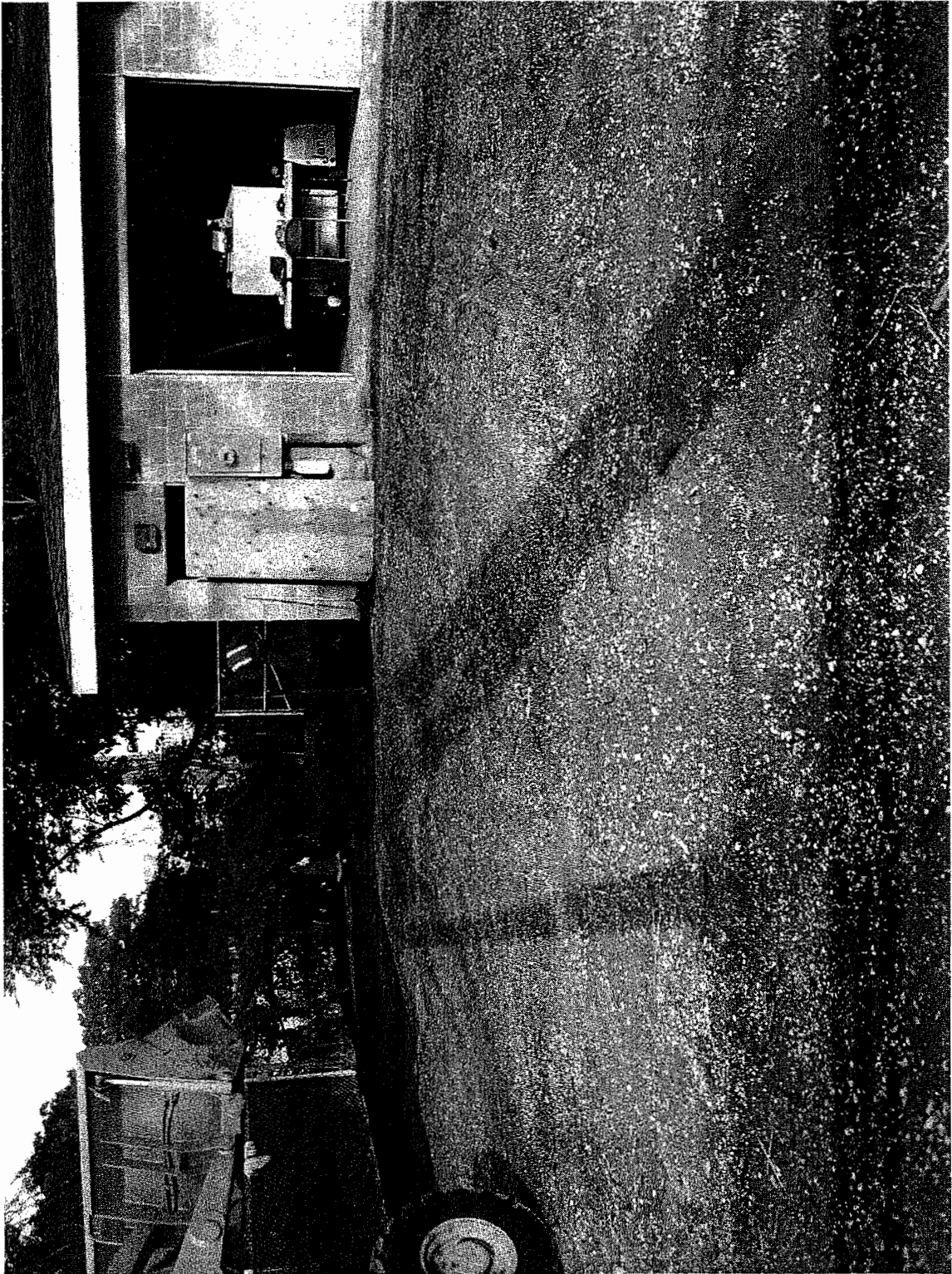
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview RCA and
grading @ east side

Photograph No.: 330 Date Taken: _____

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Subbase RCA and
installation of geotextile / RCA

Photograph No.: 331 Date Taken: _____

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

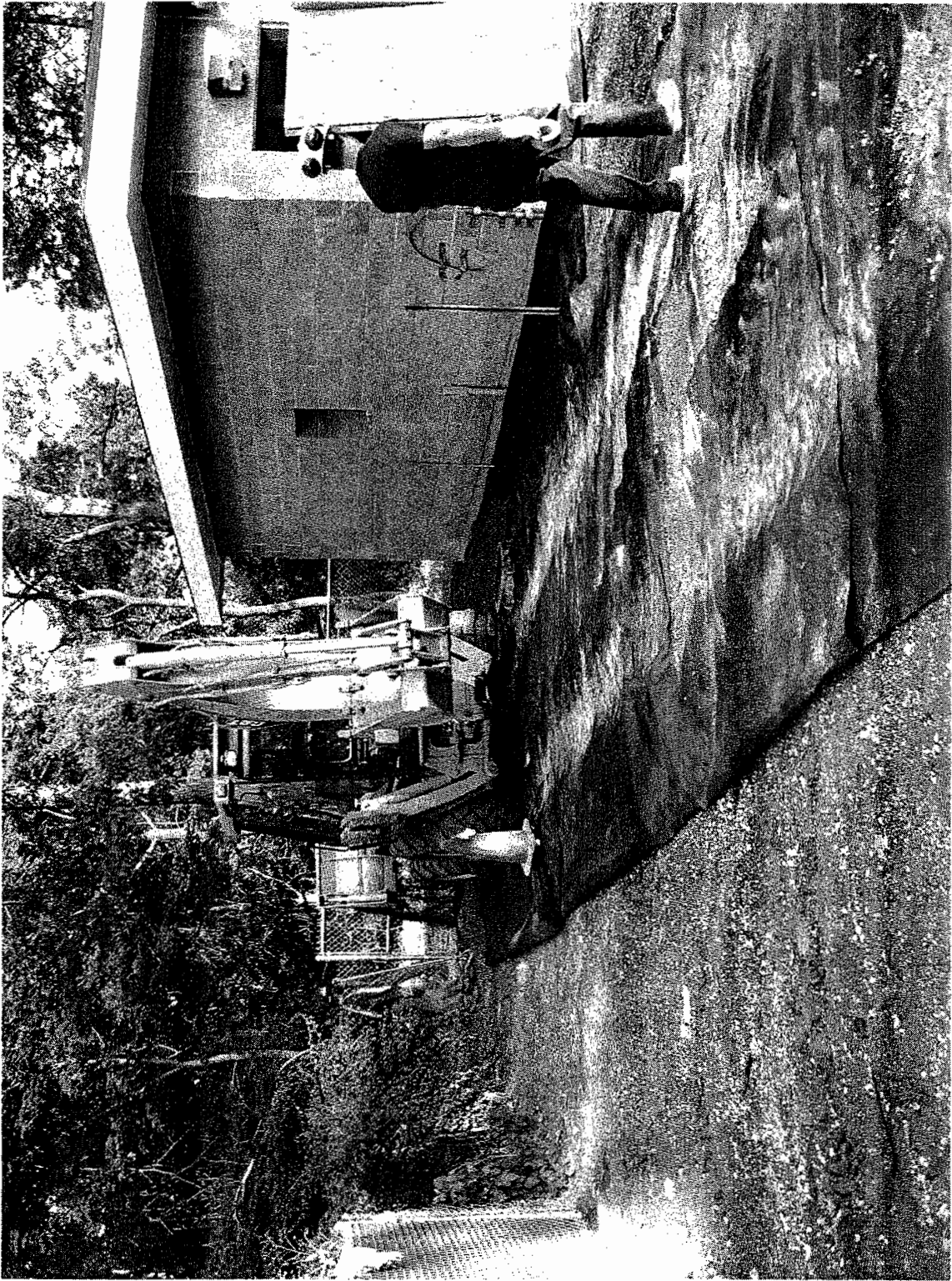
Description of View: RCA subbase facing
east

Photograph No.: 332 Date Taken: _____

Inspector: R. Helwig

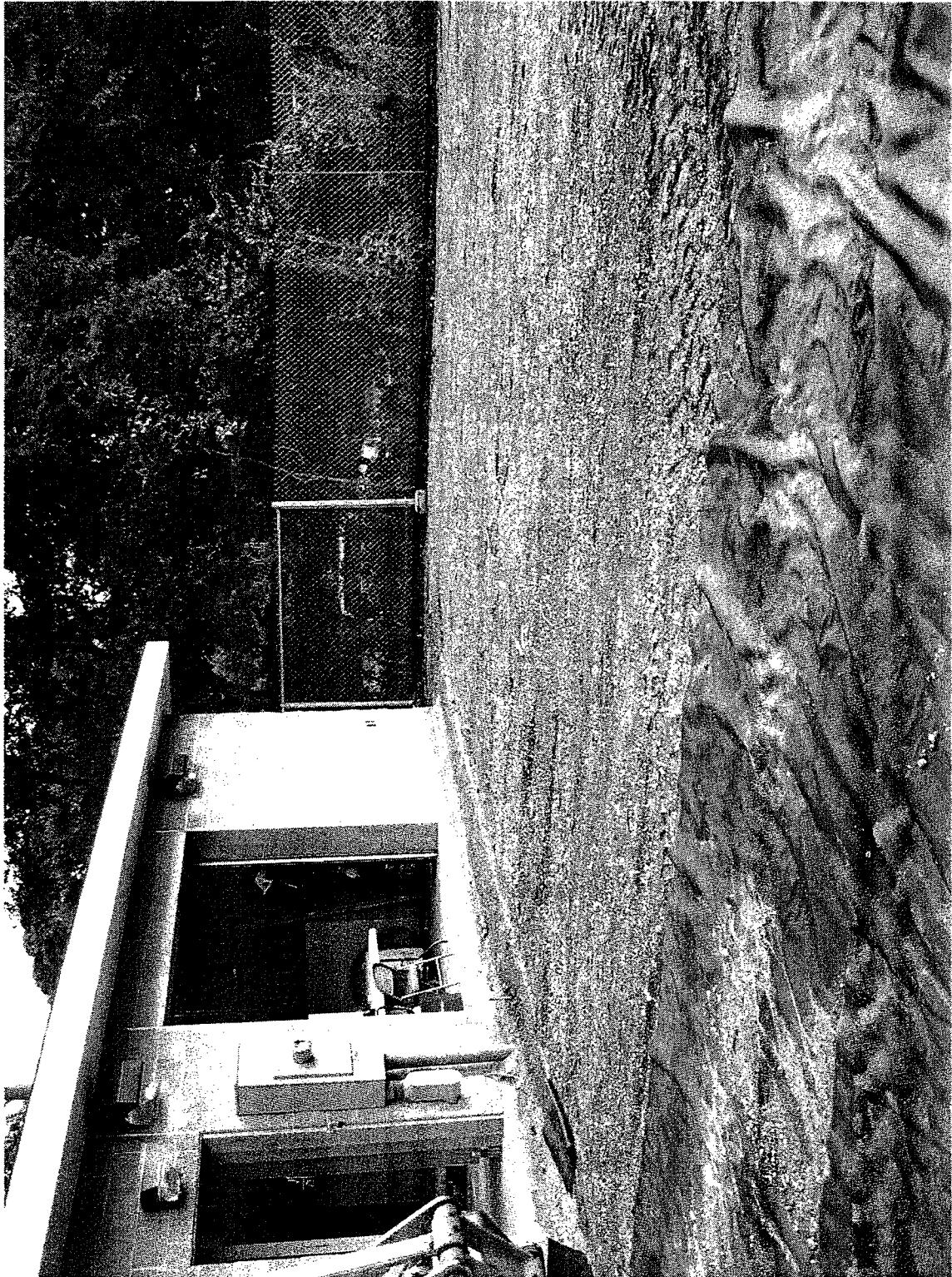


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: RCA subbase facing
north east.
Photograph No.: 333 Date Taken: _____
Inspector: R. Helwig.

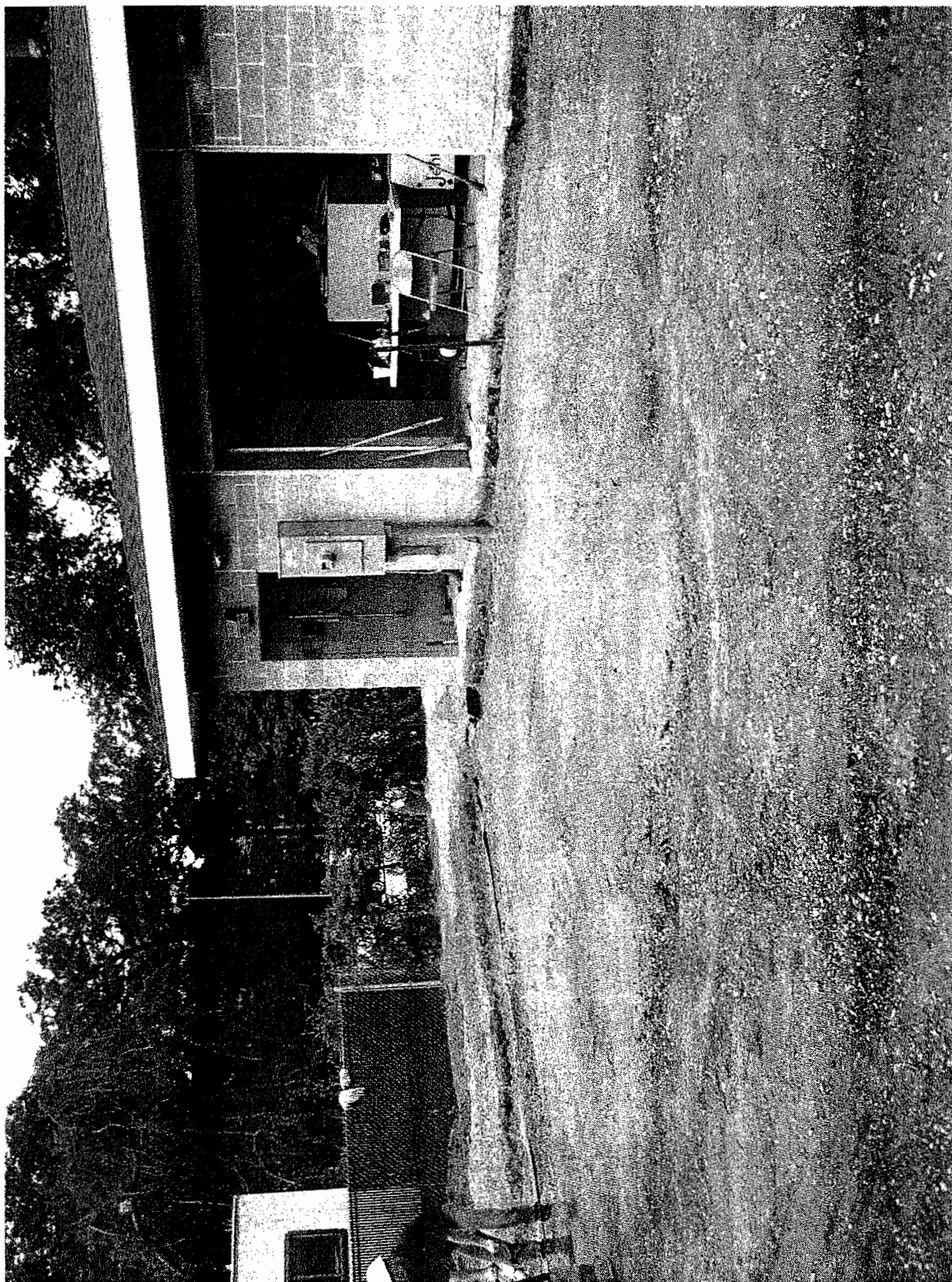


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Installation of RCA

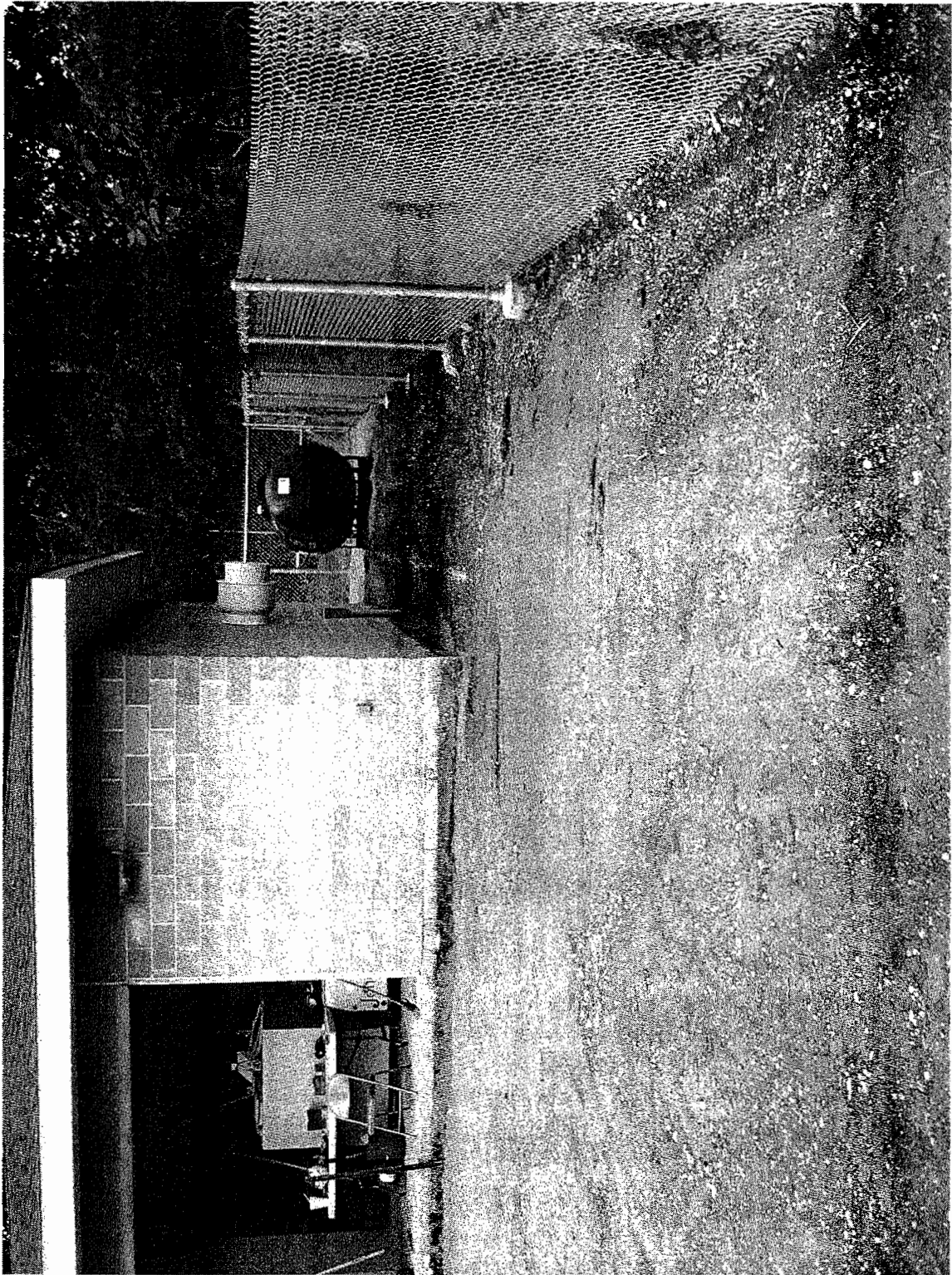
Photograph No.: 334 Date Taken: _____
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Subban RCA
facing north
Photograph No.: 335 Date Taken: _____
Inspector: R. Helwig



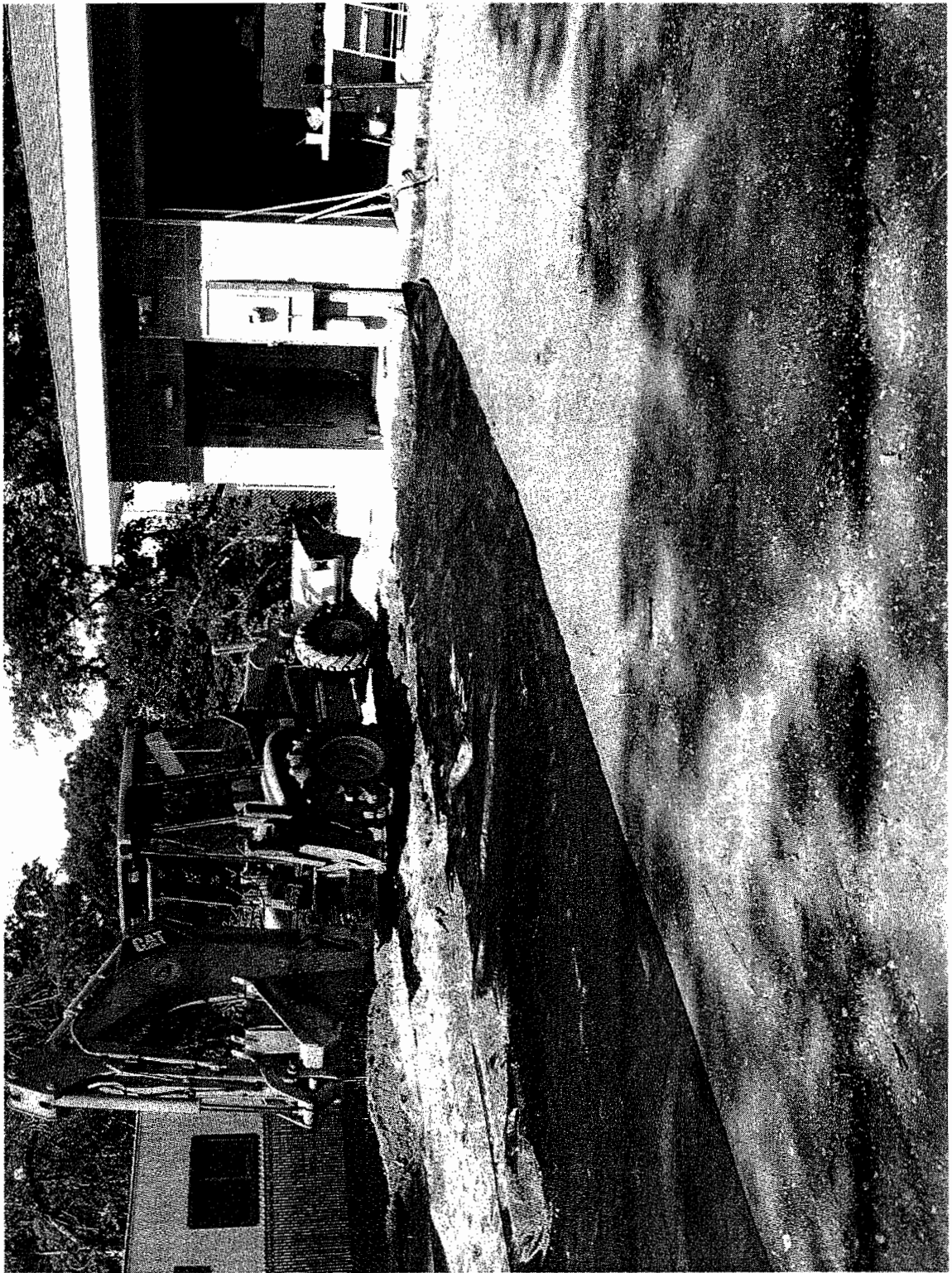
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Revised and final
sketch
Photograph No.: 336 Date Taken: _____
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Revised and final
Subbase RCA facing west
Photograph No.: 337 Date Taken: _____
Inspector: R. Helwig

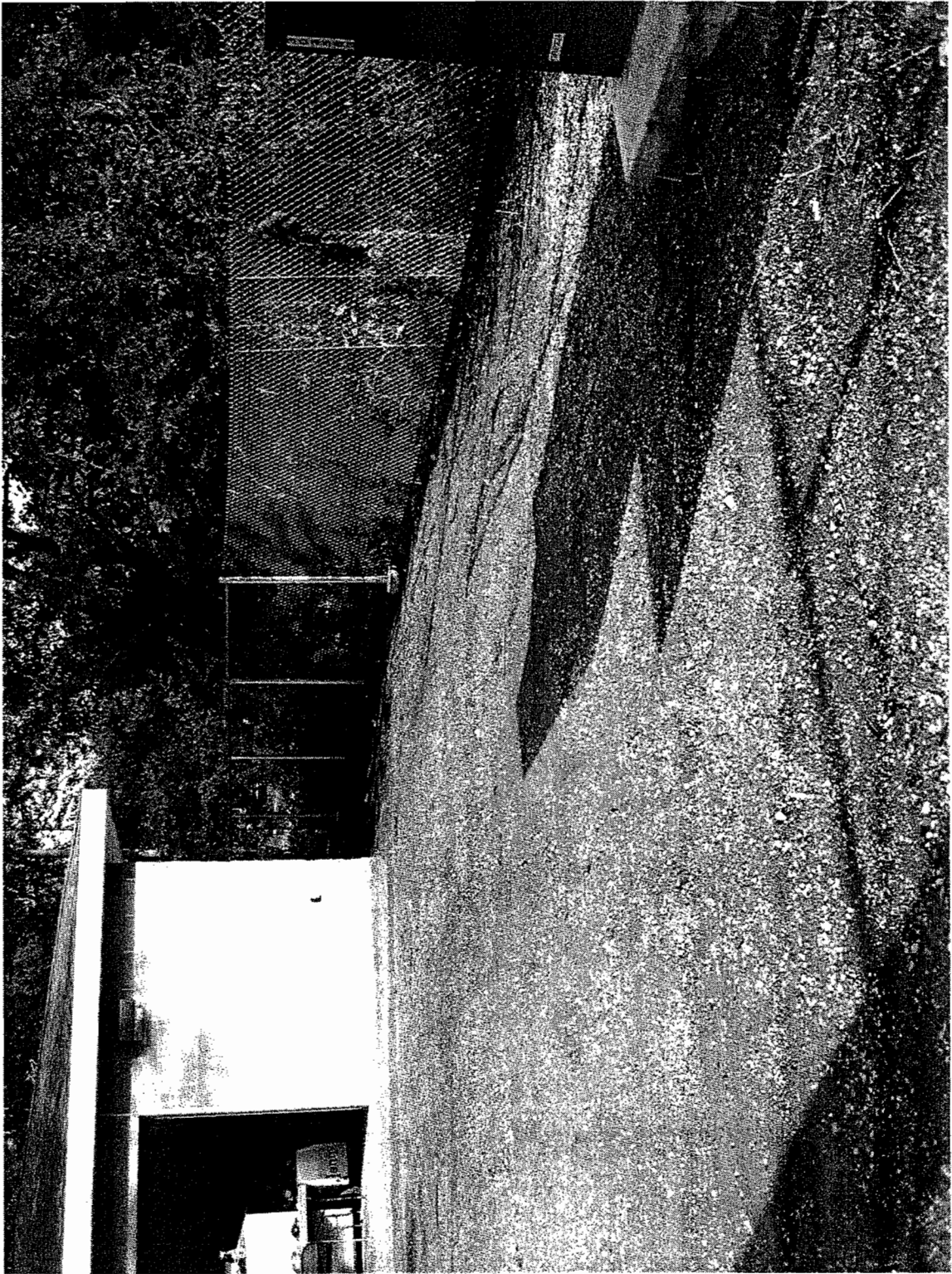


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail earth probe
South east corner Treatment Building
Photograph No.: 338 Date Taken: _____
Inspector: _____



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 — Contract No: D004264
Description of View: Installation of RCA

Photograph No: 349 Date Taken: 7/28
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Subbase RCA
facing north west
Photograph No.: 380 Date Taken: 7/28
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

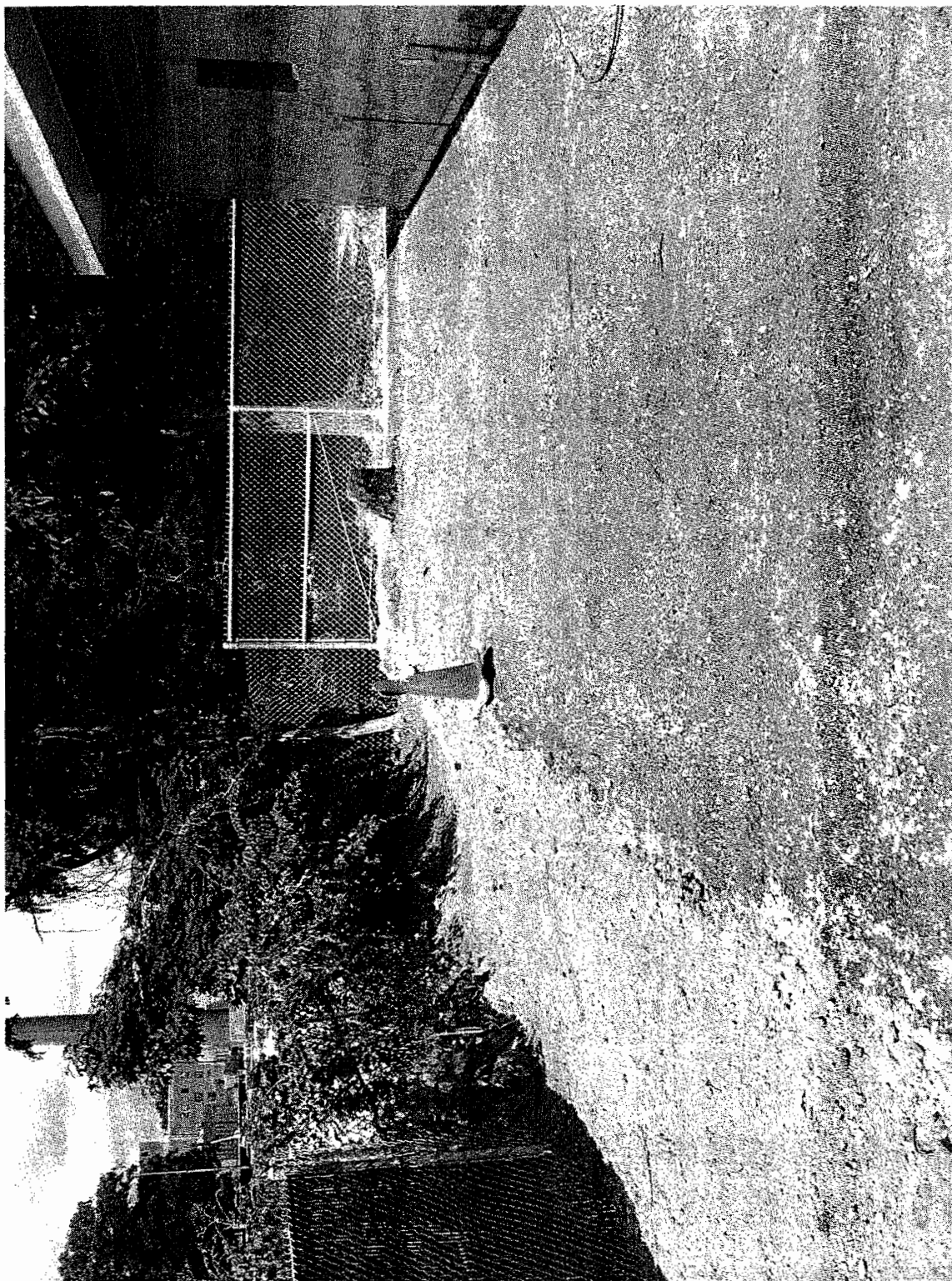
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Finished RCA layer
facing east

Photograph No.: 341 Date Taken: 7/29

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

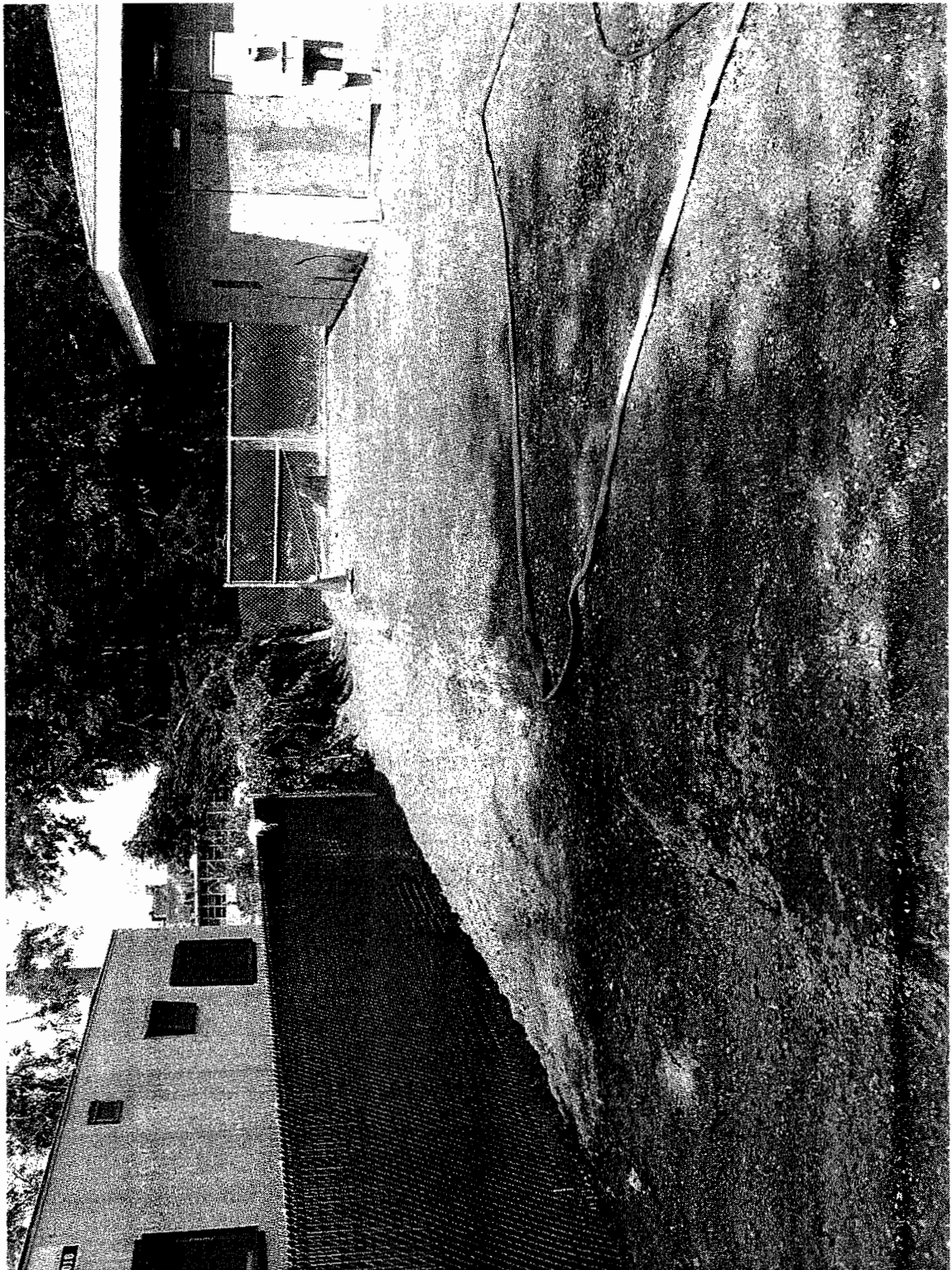
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

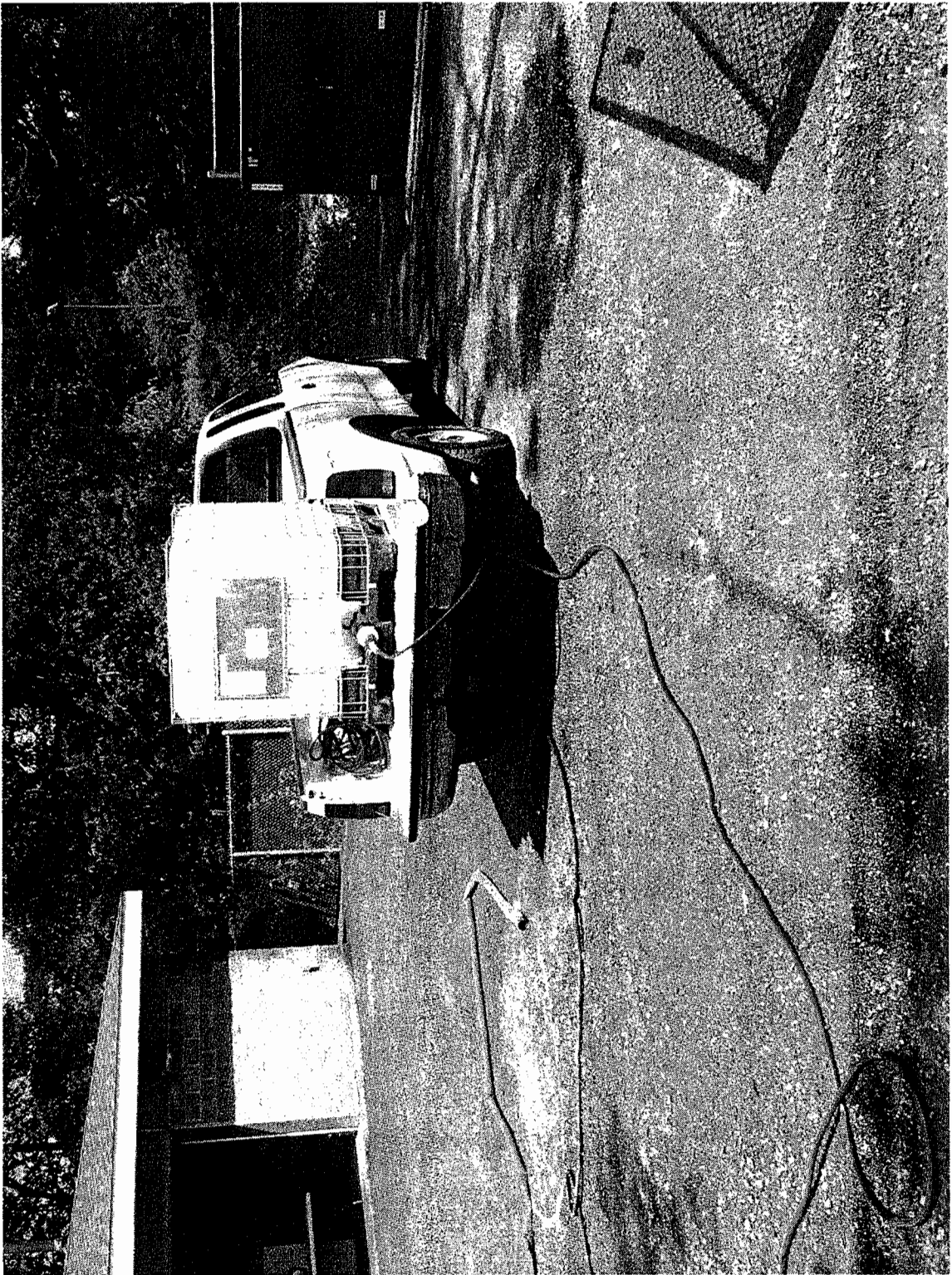
Description of View: Finished RIA grade
facing west

Photograph No.: 342 Date Taken: _____

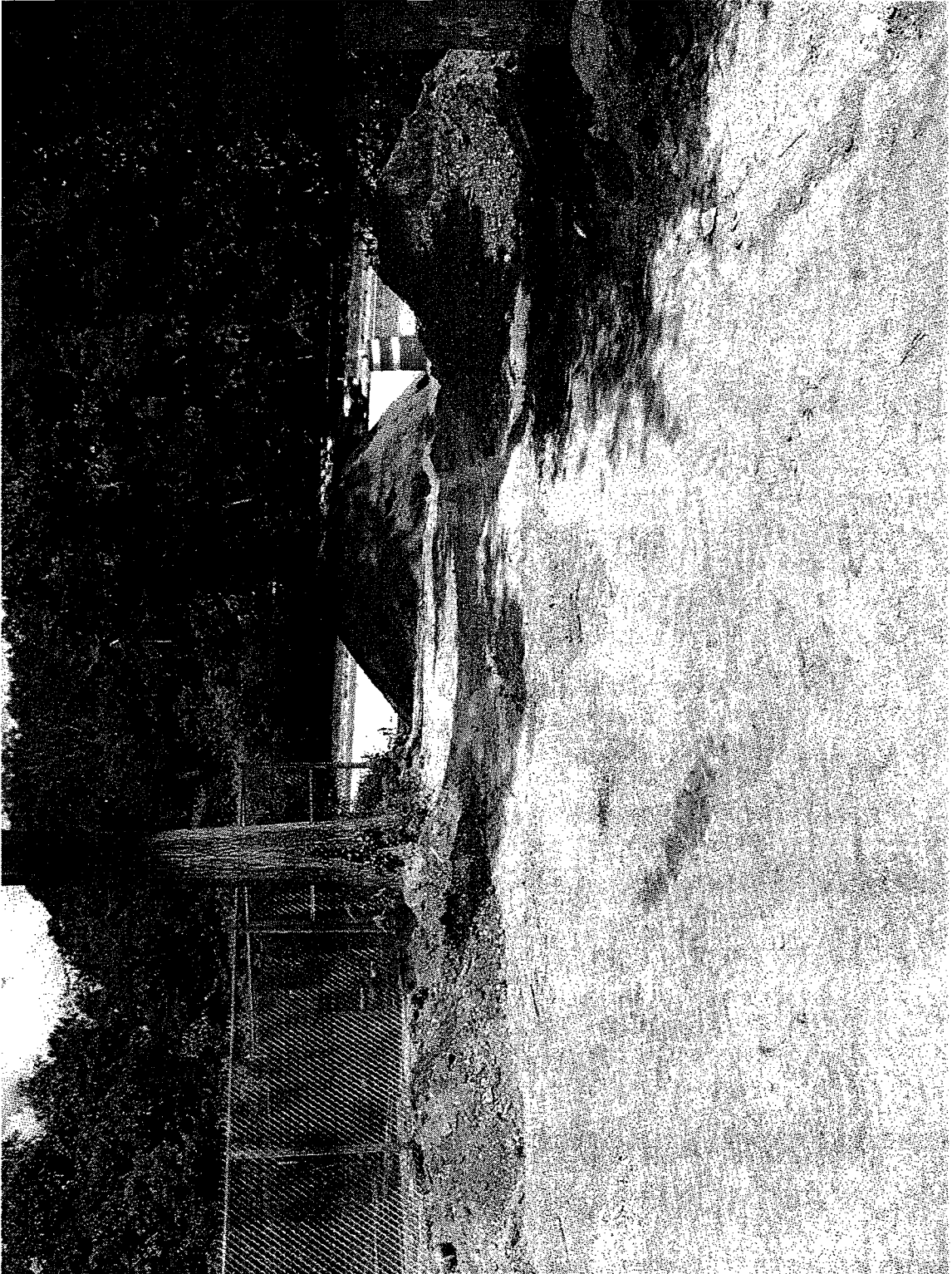
Inspector: R. Helwig



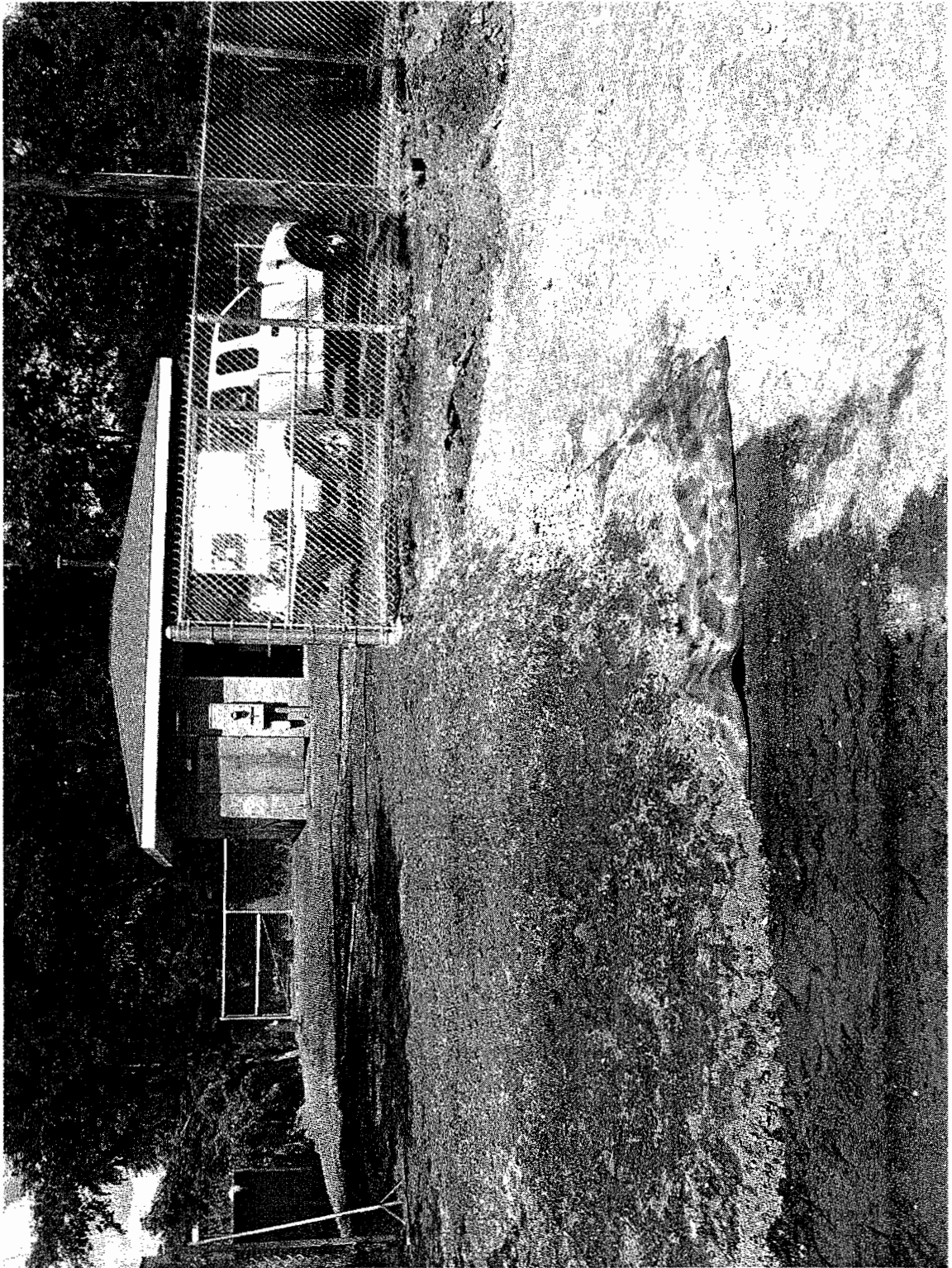
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Finished RCA grade.
facing west
Photograph No: 343 Date Taken: _____
Inspector: R. Helmy



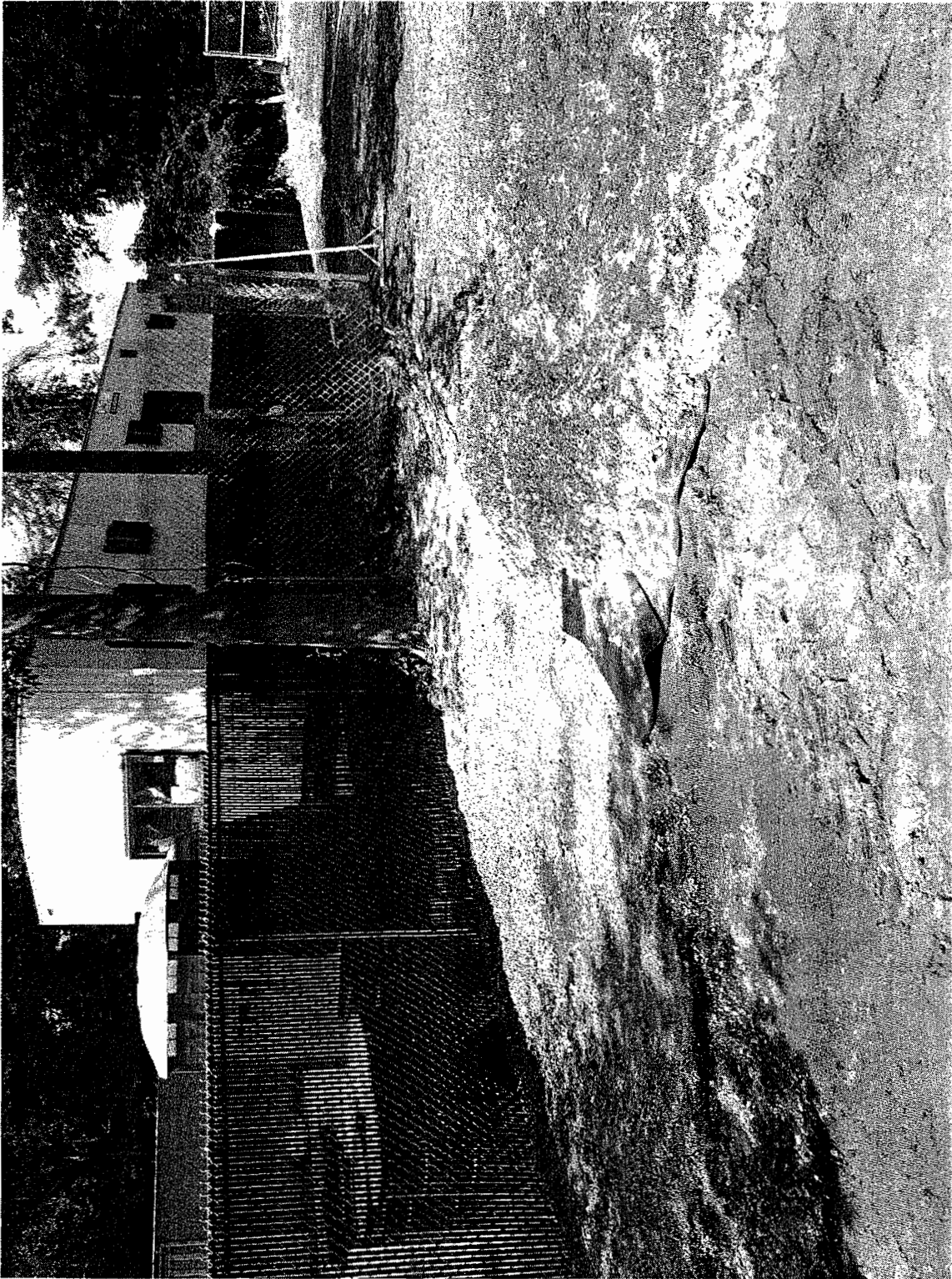
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Finished RCA grade
drainage, north west
Photograph No.: 344 Date Taken: 7/29
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Area around outside
fence @ east side facing North
Photograph No.: 345 Date Taken: 7/29
Inspector: R. Helmer



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 — Contract No: D004264
Description of View: Installation RCA,
probably 15 ft wide road.
Photograph No.: 346 Date Taken: 7/29
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Installation of geotextile
and RCA 15 ft wide Road of RCA

Photograph No.: 347 Date Taken: 7/29

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview Treatment

Building and fencing

Photograph No: 349 Date Taken: 7/29

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview area
outside fencing @ east side
Photograph No.: 349 Date Taken: 7/29
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail earth probe
manhole cover.
Photograph No: 350 Date Taken: 8/26
Inspector: R. Helmy

8/26/03



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

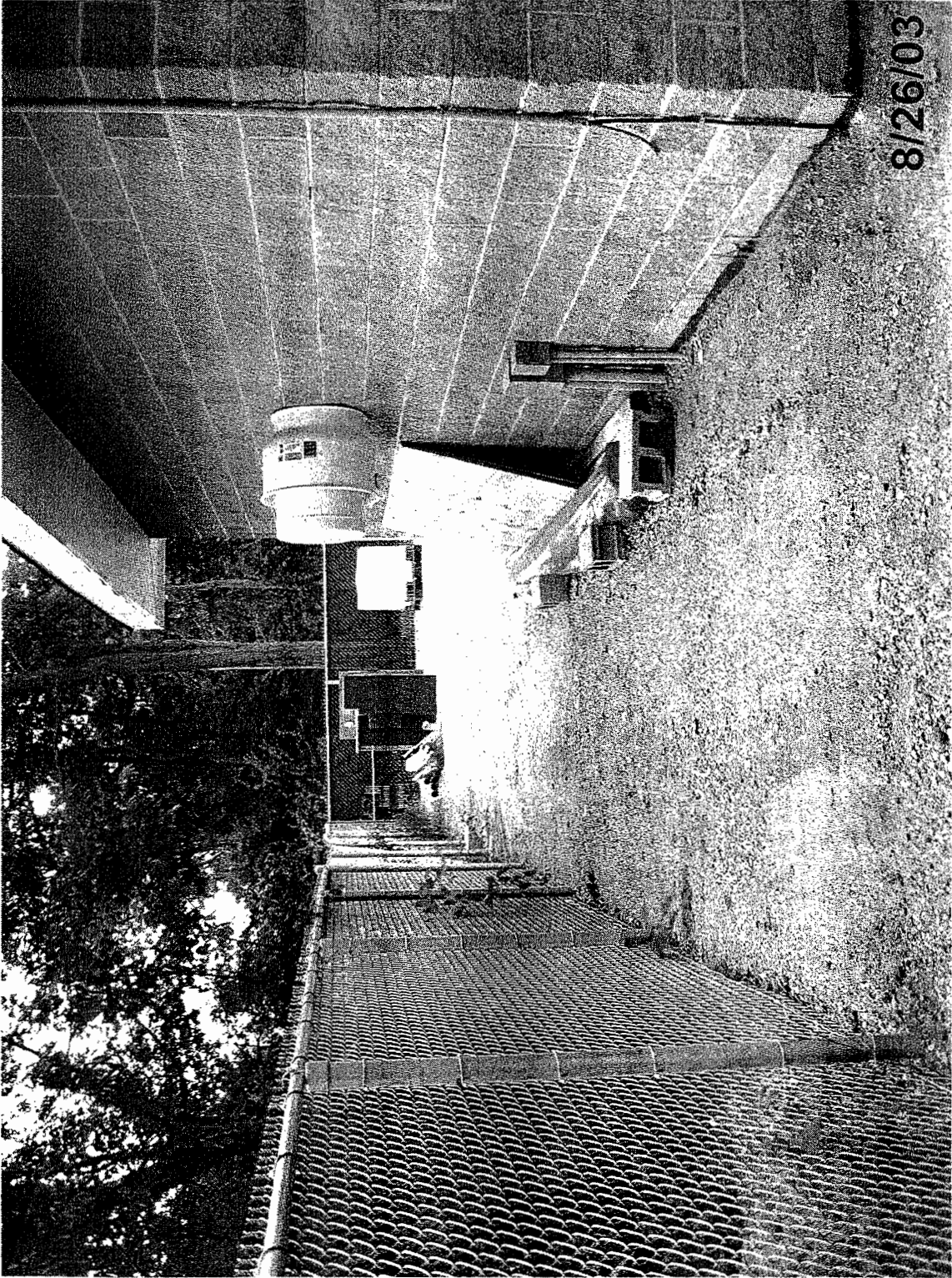
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail earth probe
manhole @ north west corner building.

Photograph No.: 351 Date Taken: 8/26.

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

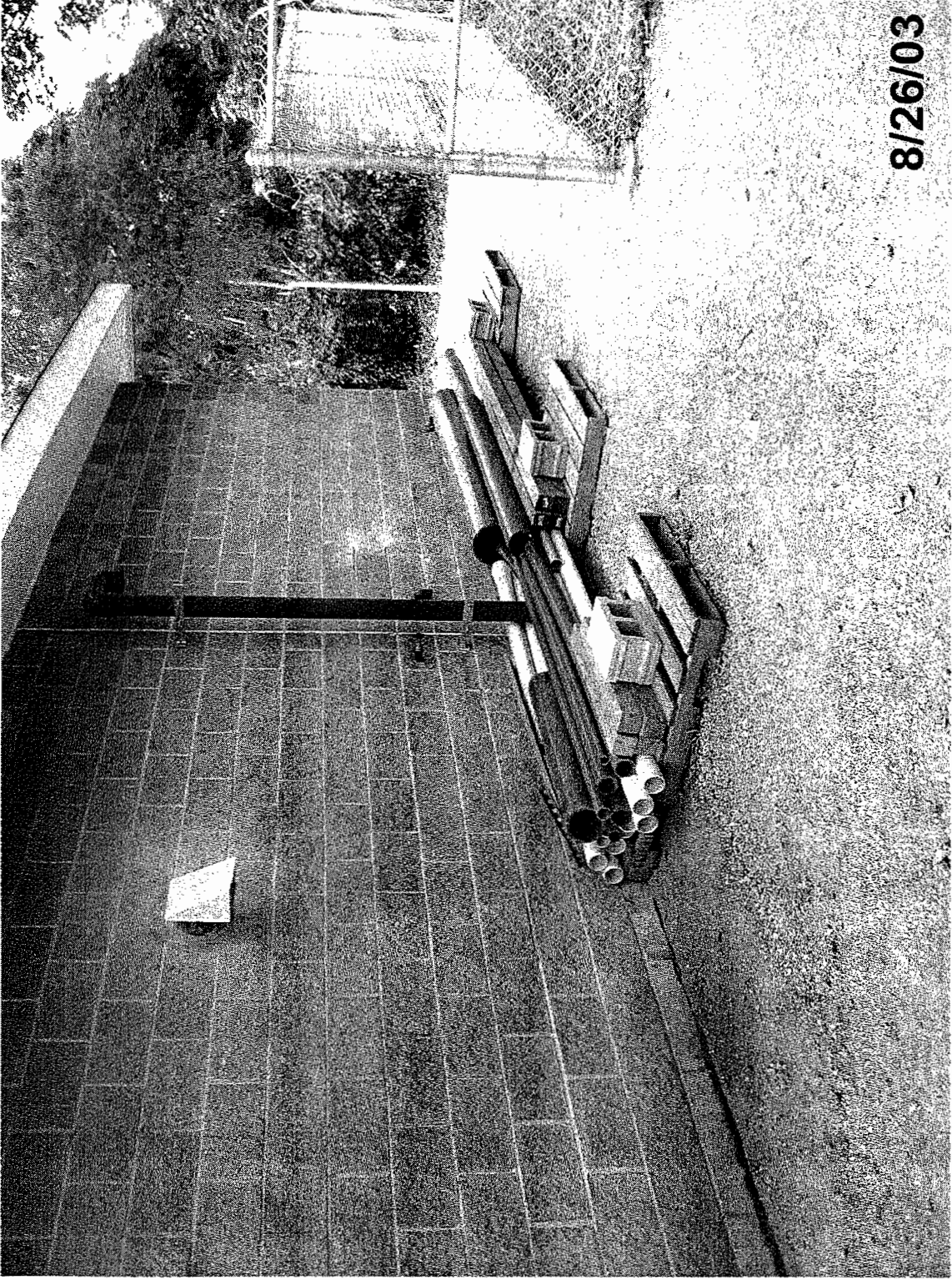
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview area outside
Treatment Building Northside facing east.

Photograph No.: 352 . Date Taken: 8/26.

Inspector: R. Hebling



8/26/03

Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview area outside
Building @ day well facing south

Photograph No.: 353 Date Taken: 8/26

Inspector: R. Helina



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

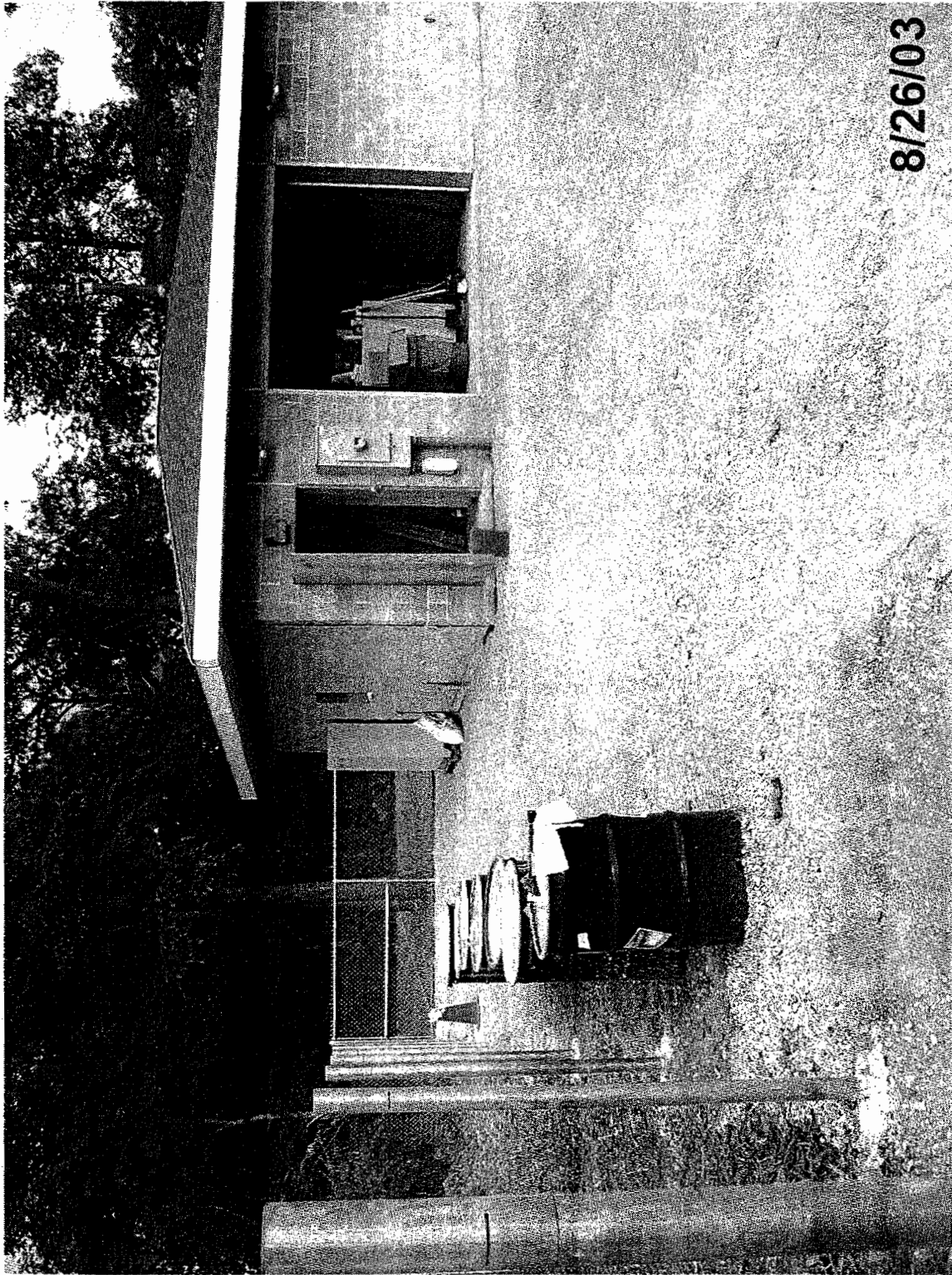
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview area outside
building @ SW corner fence facing east

Photograph No.: 354 Date Taken: 8/26

Inspector: R. Helms



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview area outside
building @ entrance gate
Photograph No.: 355 Date Taken: 8/26
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Grass area shoulder

SSP @ EW2 facing east.

Photograph No.: 366 Date Taken: 8/26

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 -- Contract No: D004264

Description of View: Overview Seeded area
@ RCA Road corner facing east.

Photograph No.: 359 Date Taken: 8/26

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 -- Contract No: D004264

Description of View: Overview grass area.

@ telephone manhole facing east

Photograph No.: 358 Date Taken: 8/26.

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

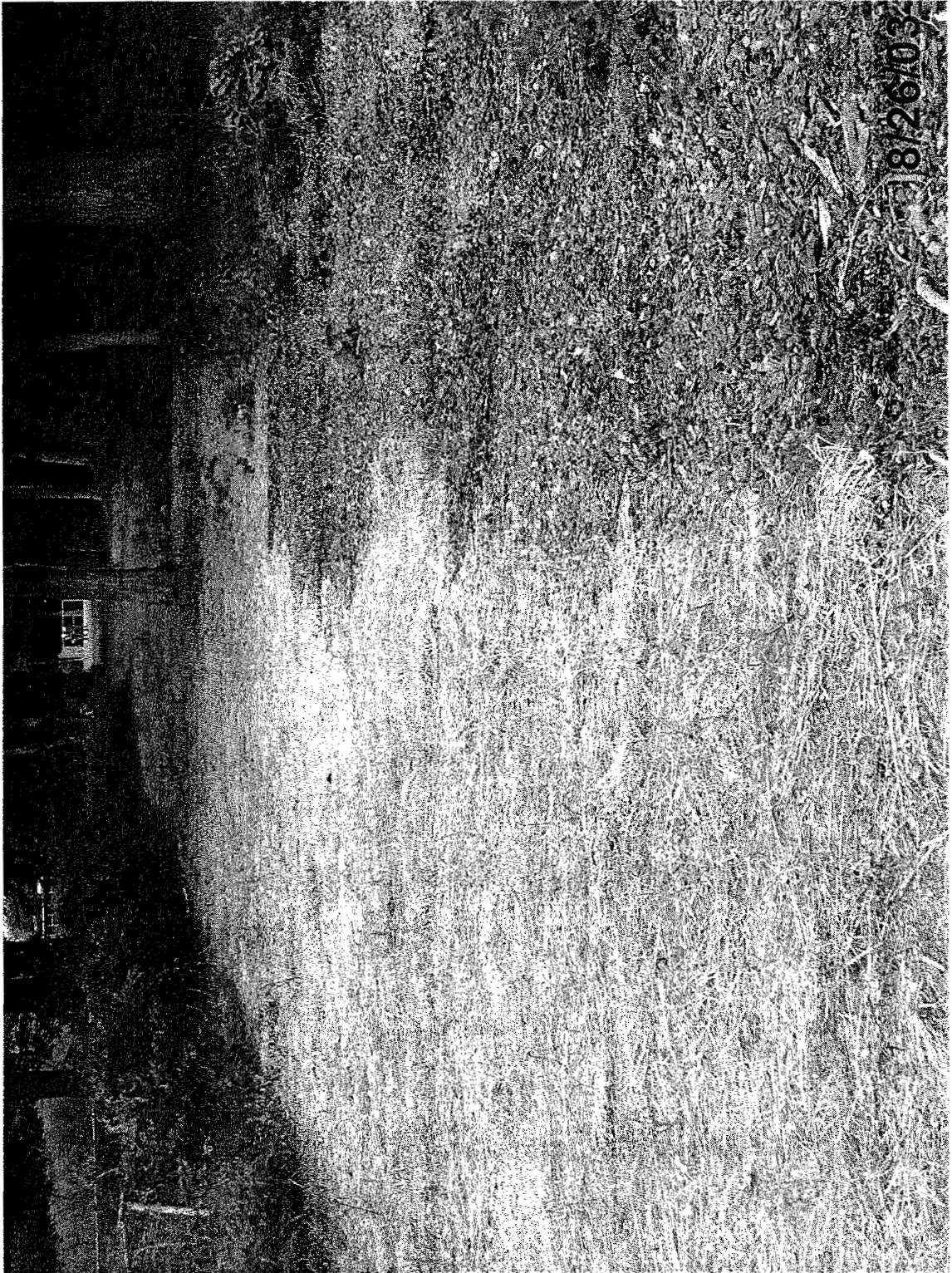
Site No.: 1-30-050 -- Contract No: D004264

Description of View: Overview of area

@ telephone manhole facing west.

Photograph No.: 359 Date Taken: 8/26

Inspector: R. Helwig



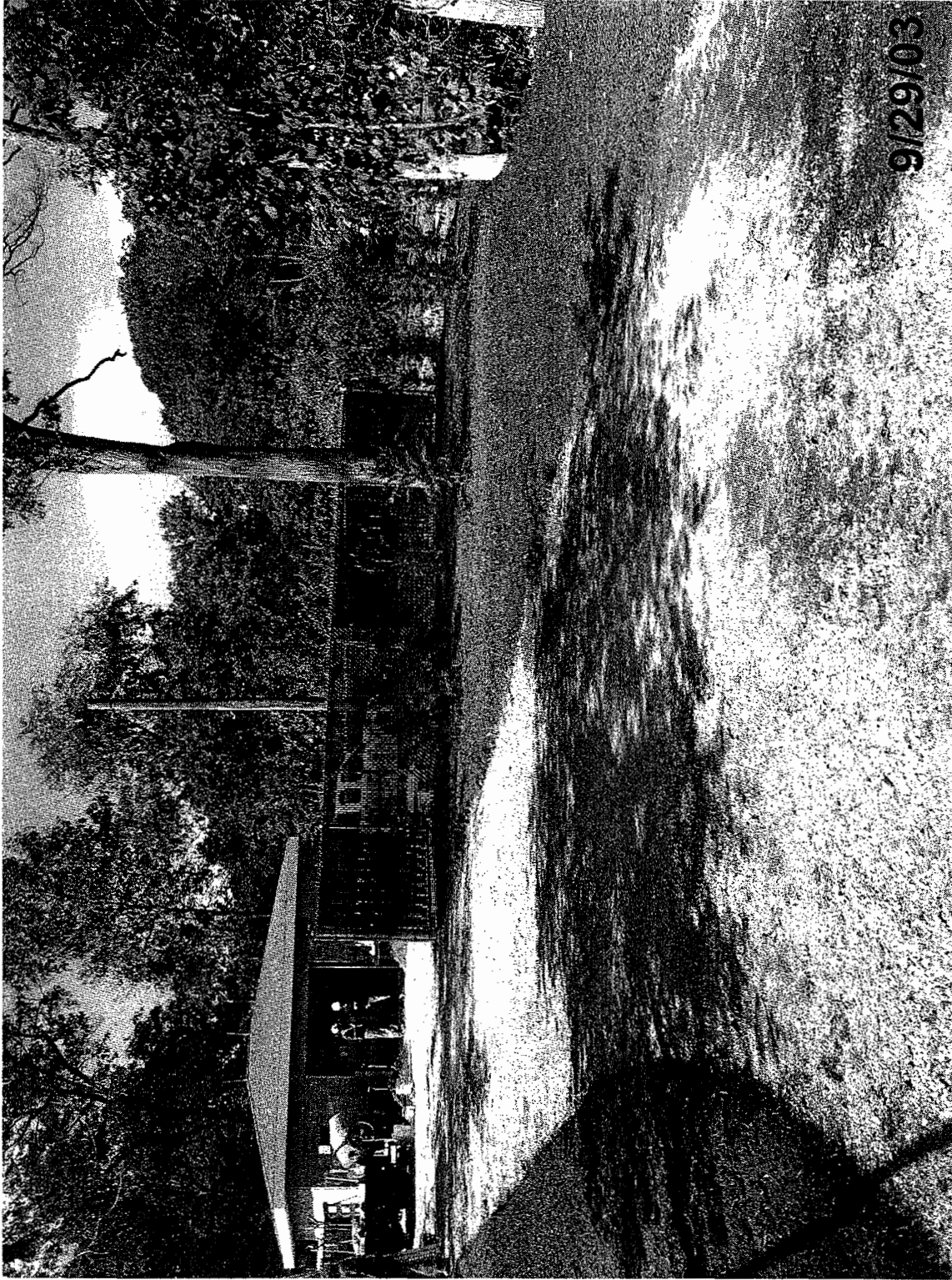
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview grass area
force main @ 1st manhole #2 facing west

Photograph No.: 360 Date Taken: 8/26

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview RCA Road
way
Photograph No.: 399 Date Taken: 9/29
Inspector: R. Helwig



8/26/03

Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview grass area

forso main @ 1st manhole #2 facing east.

Photograph No.: 361 Date Taken: 8/26

Inspector: R. Helwig

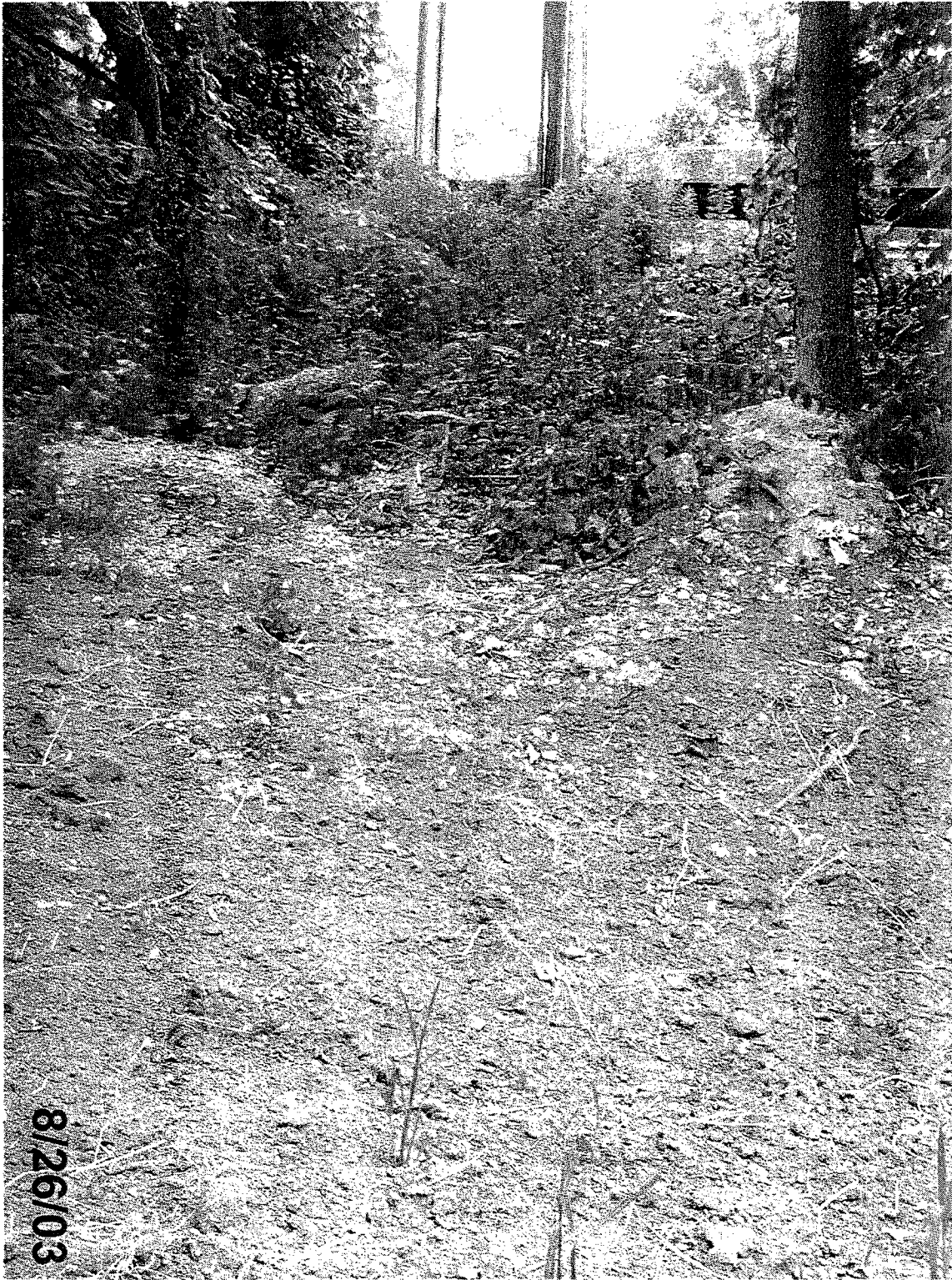


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview of area
from main R.C. member #3 facing west

Photograph No.: 362 Date Taken: 8/26

Inspector: R. Heling



8/26/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview trench bel
rise pole @ Hempst Av.
Photograph No.: 363 Date Taken: 8/26
Inspector: R. Heling

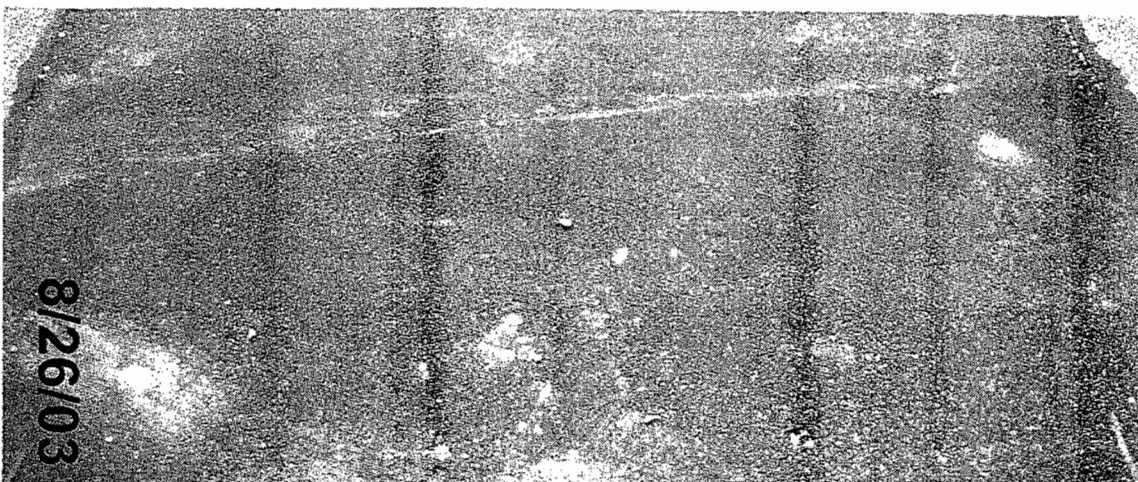
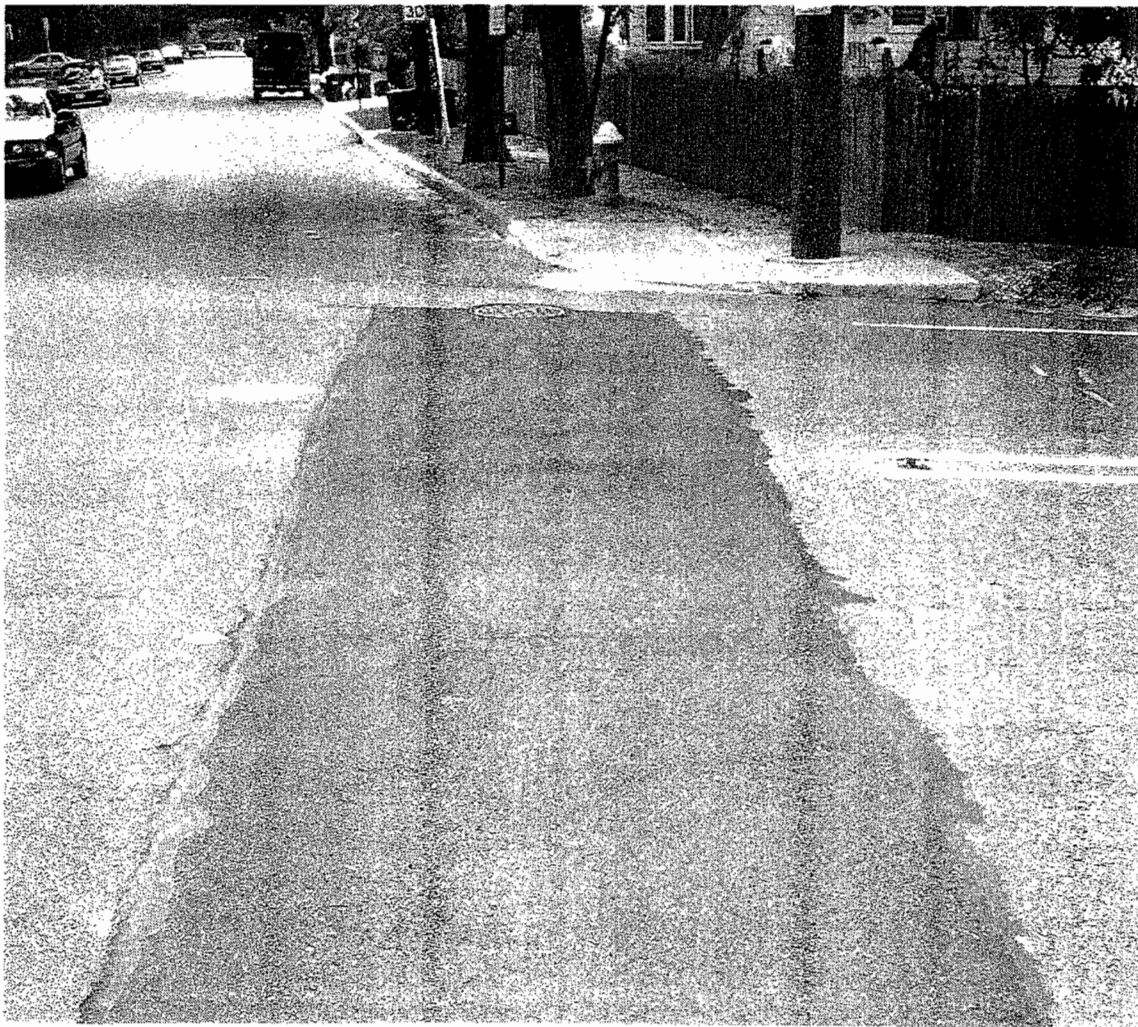


Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview from area
@ Herndon Av
Photograph No.: 364 Date Taken: 8/26
Inspector: P. Heling



8/26/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview grass
area along Hempst Av.
Photograph No.: 365 Date Taken: 8/26.
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

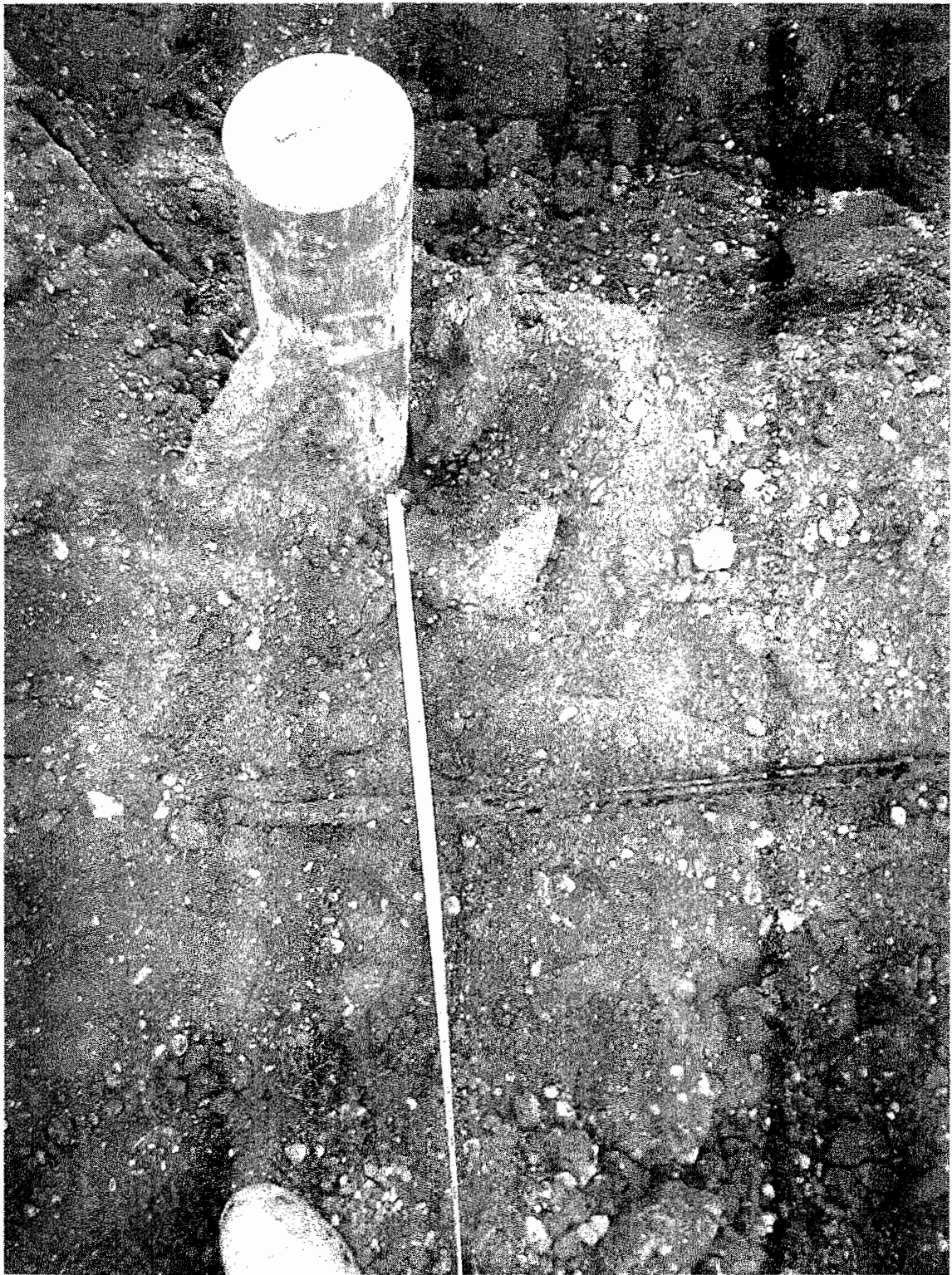
Site No.: 1-30-050 Contract No: D004264

Description of View: Overview restored

Road opening

Photograph No: 366 Date Taken: 8/26

Inspector: R Helting



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

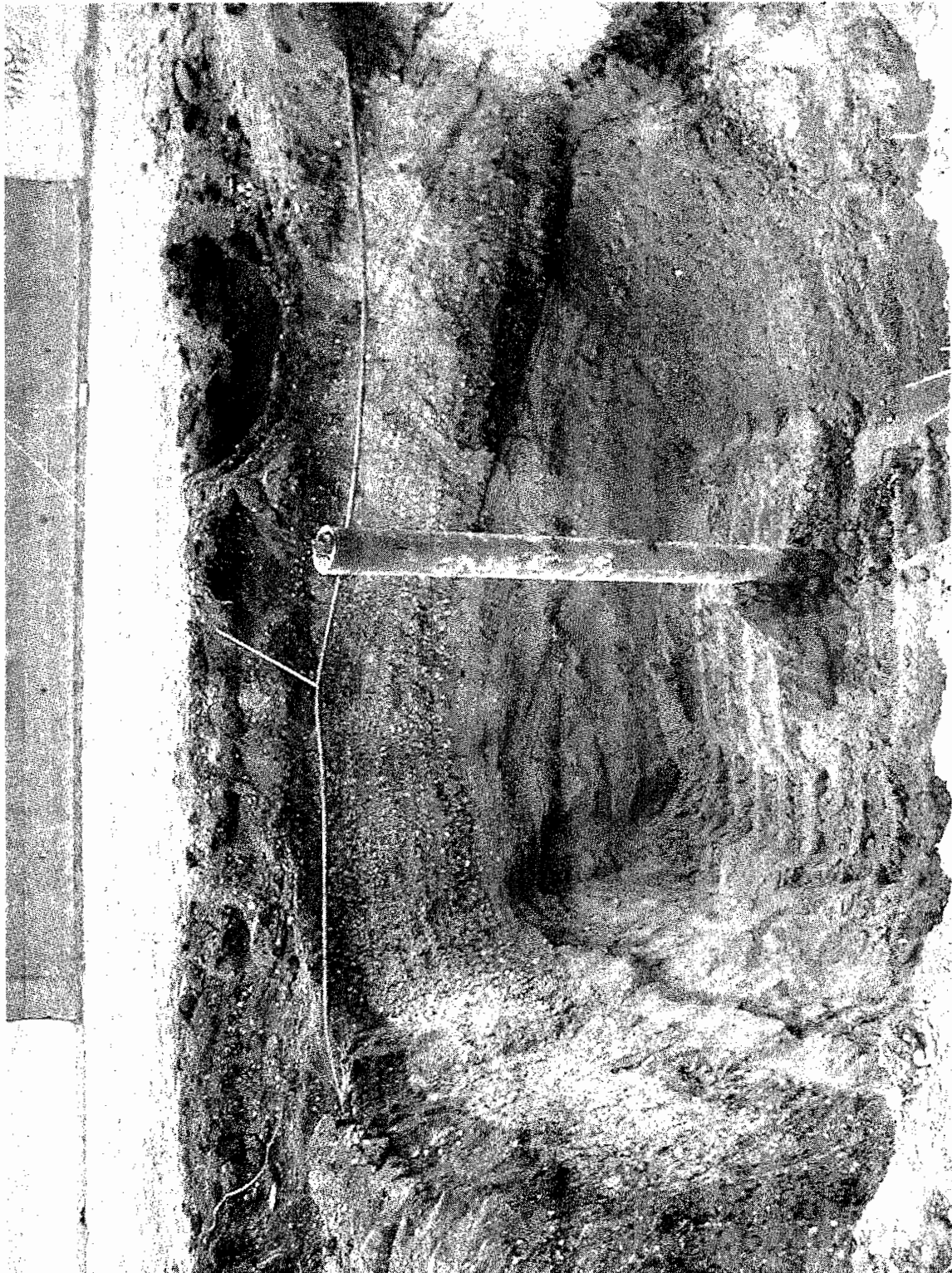
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Detail Well Ely-2
and unknown underground cable.

Photograph No.: 367 Date Taken: _____

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

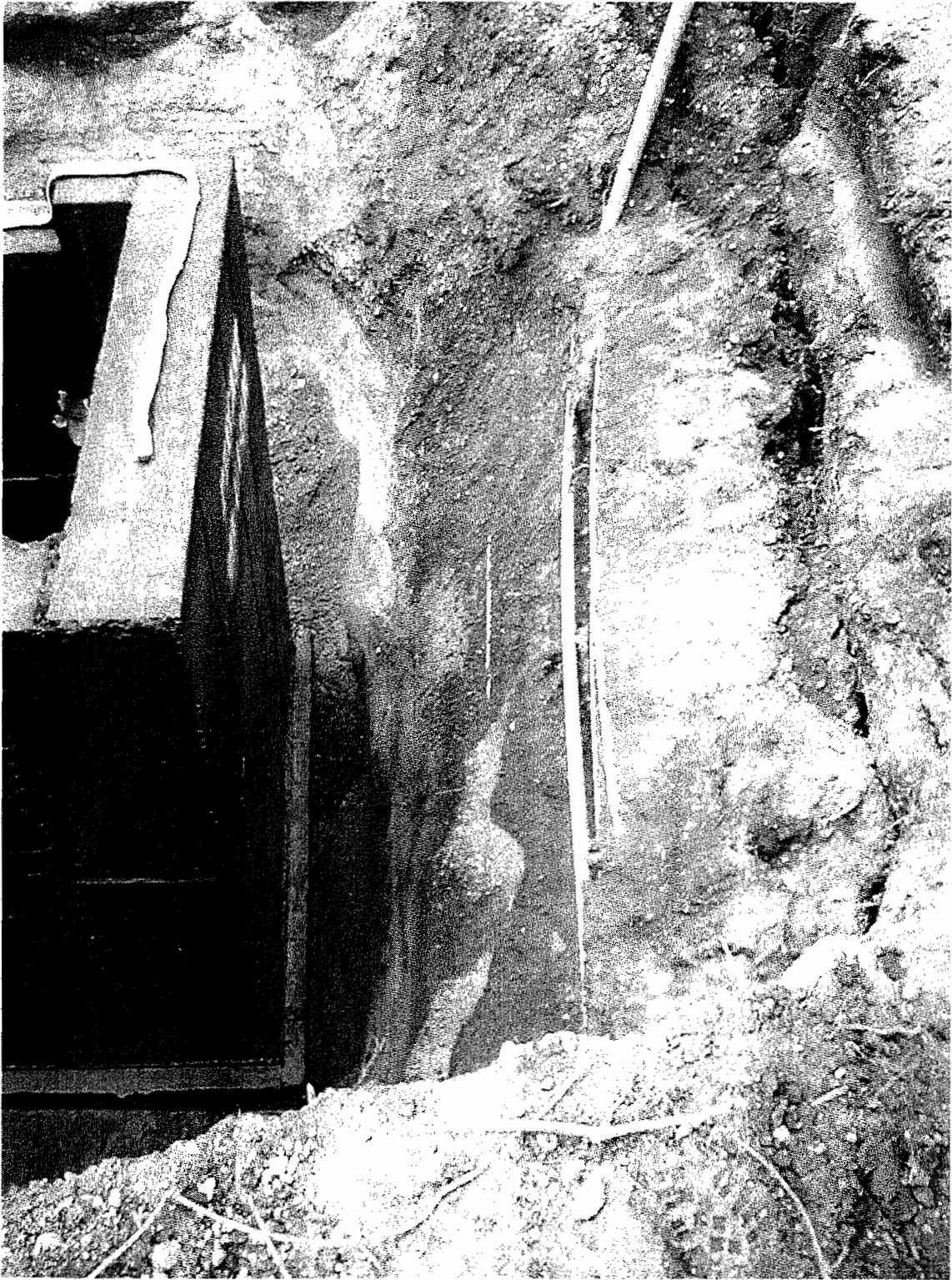
Contractor: URS CORPORATION

Site No.: 1-30-050 -- Contract No: D004264

Description of View: Subbase for installation
Extraction well FW-2

Photograph No.: 368 Date Taken: _____

Inspector: R. Helting



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

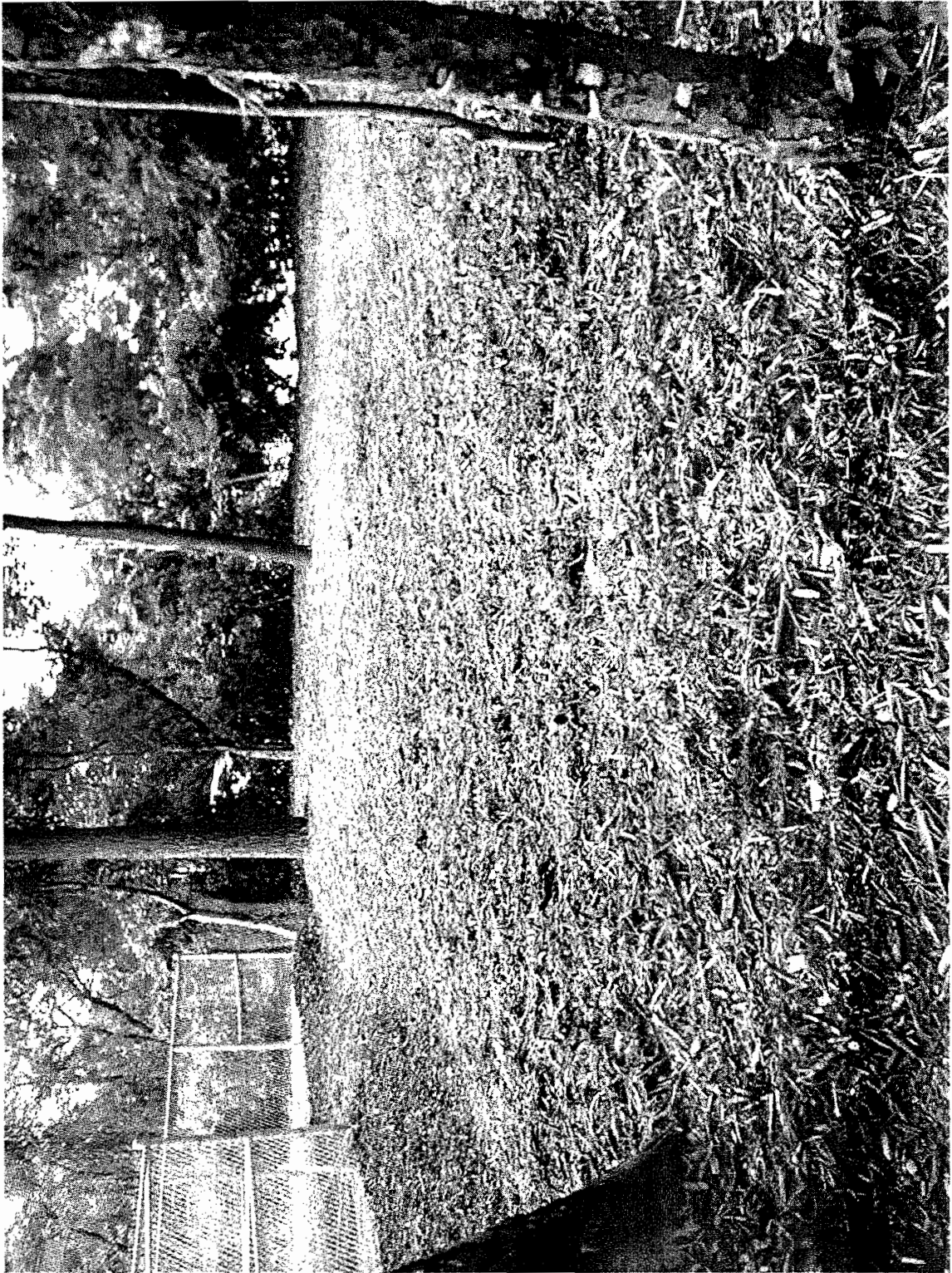
Contractor: URS CORPORATION

Site No.: 1-30-050 Contract No: D004264

Description of View: Installation extension
well vault EW-2

Photograph No.: _____ Date Taken: _____

Inspector: R. Heling



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

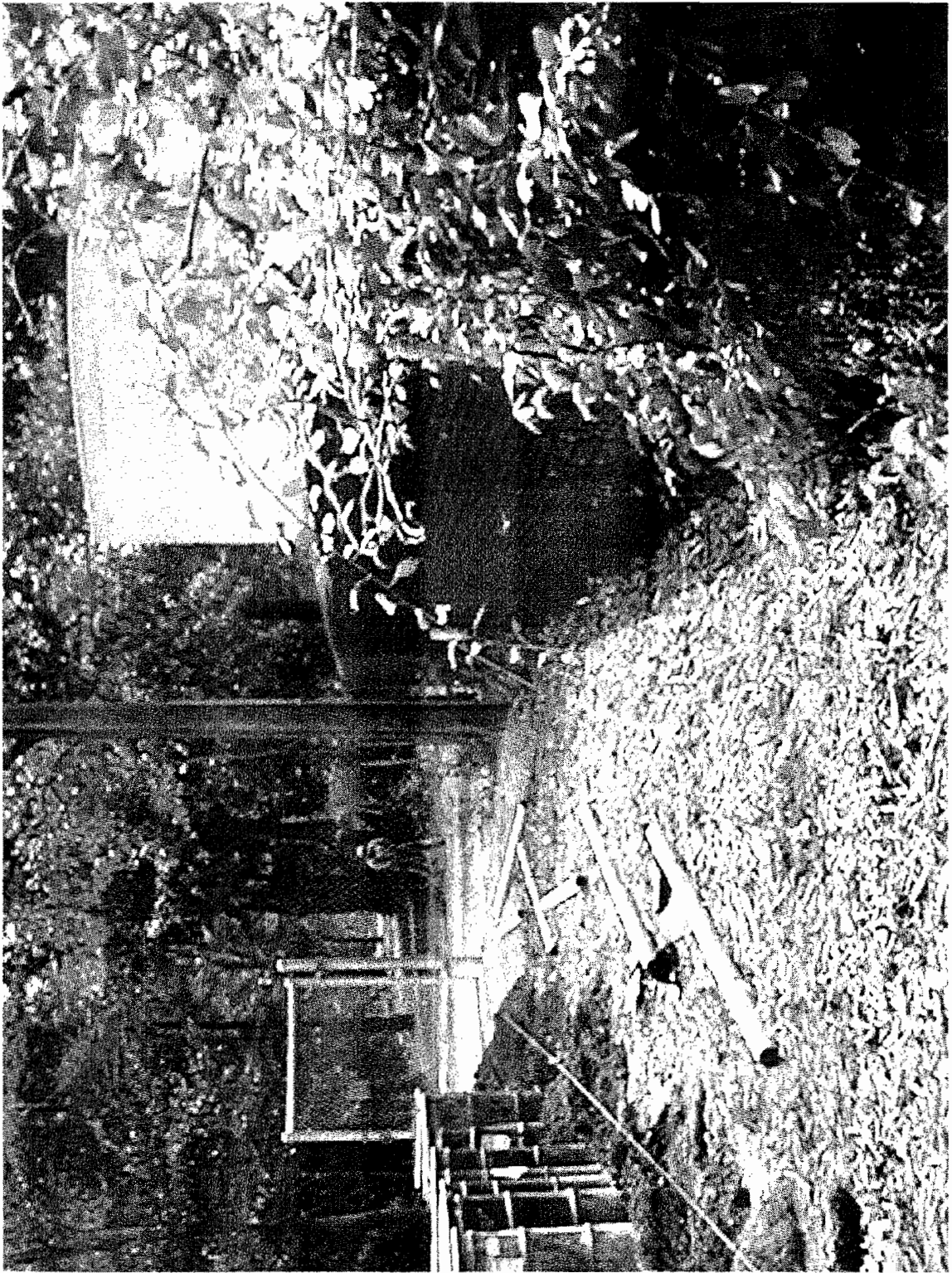
Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Over view - woodchips -
outside fencing @ west side facing south.

Photograph No.: 370 Date Taken: _____

Inspector: R. Holmgren



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 Contract No: D004264

Description of View: Installation of
fence posts.

Photograph No: 371 Date Taken: _____

Inspector: R. Helms



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview grass area
force main @ corner RCA Road.

Photograph No.: 372 Date Taken: _____

Inspector: R. F. Devita



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 Contract No: D004264

Description of View: Installation of fence
posts.

Photograph No.: 308 Date Taken: _____

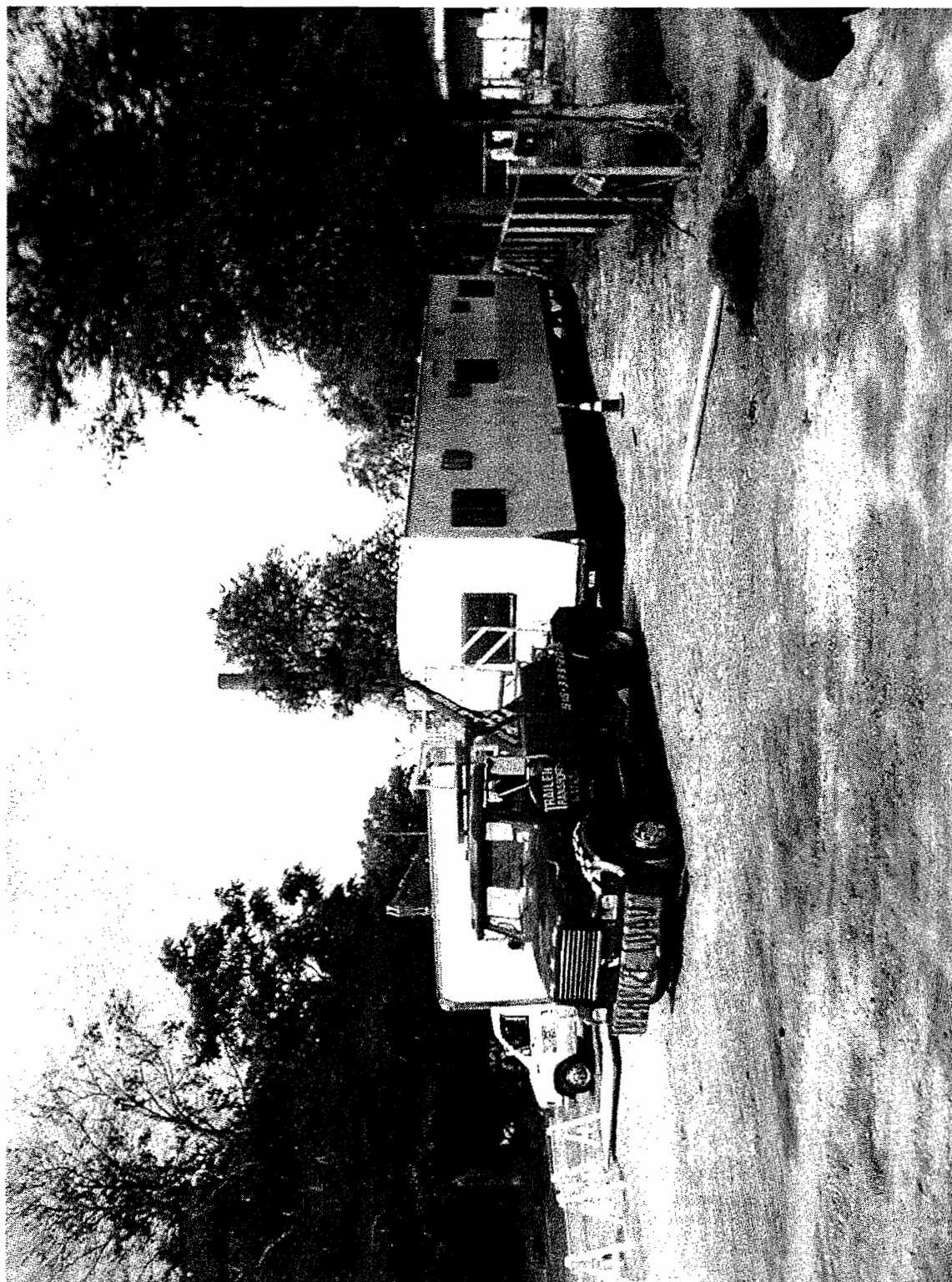
Inspector: R. Helwig



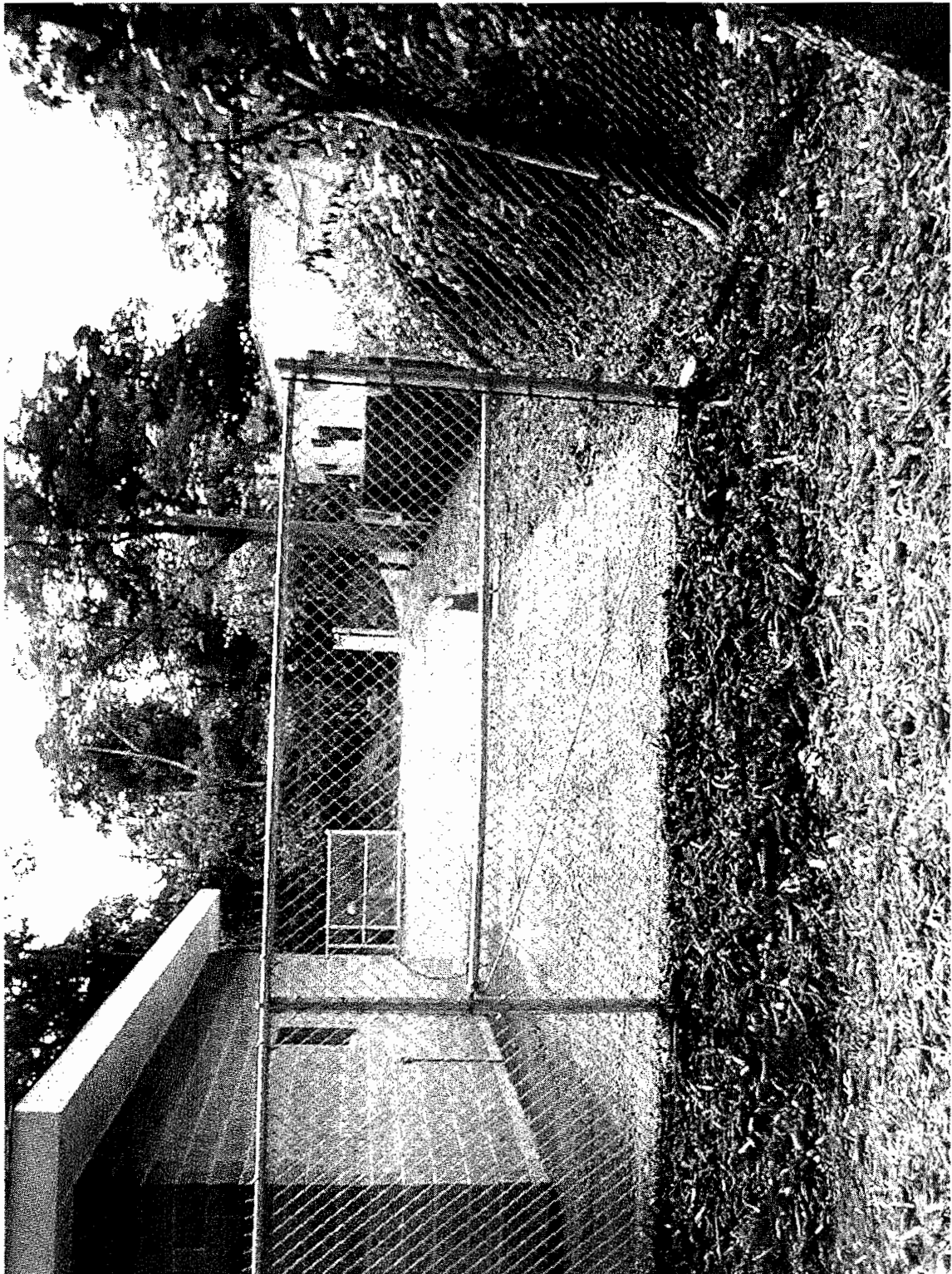
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 -- Contract No: D004264
Description of View: OVERVIEW RCA
Road.
Photograph No: 374 Date Taken: _____
Inspector: F. DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 Contract No: D004264
Description of View: Demobilization
Trailer
Photograph No.: 375 Date Taken: _____
Inspector: F. DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 Contract No: D004264
Description of View: Demobilization
Trailer II
Photograph No.: 306 Date Taken: _____
Inspector: F. DeVita



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS CORPORATION
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Overview area outside
building west side facing east.
Photograph No.: 377 Date Taken: _____
Inspector: F. DeVita



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS CORPORATION

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Overview woodchips +

Swale facing east

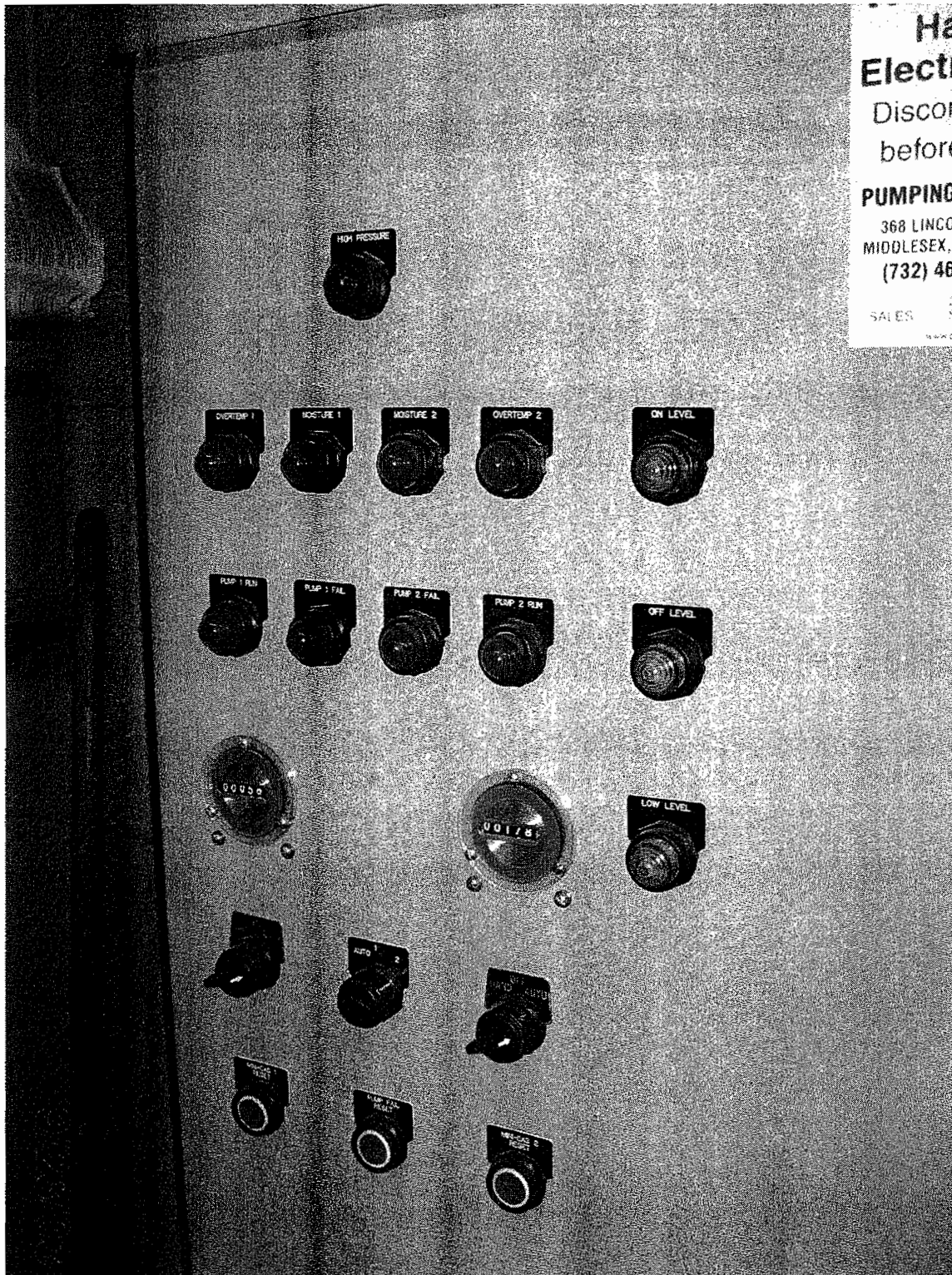
Photograph No.: 398 Date Taken: _____

Inspector: F. DeVita

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before
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368 LINCOLN
MIDDLESEX,
(732) 46

SALES

19-10-10



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

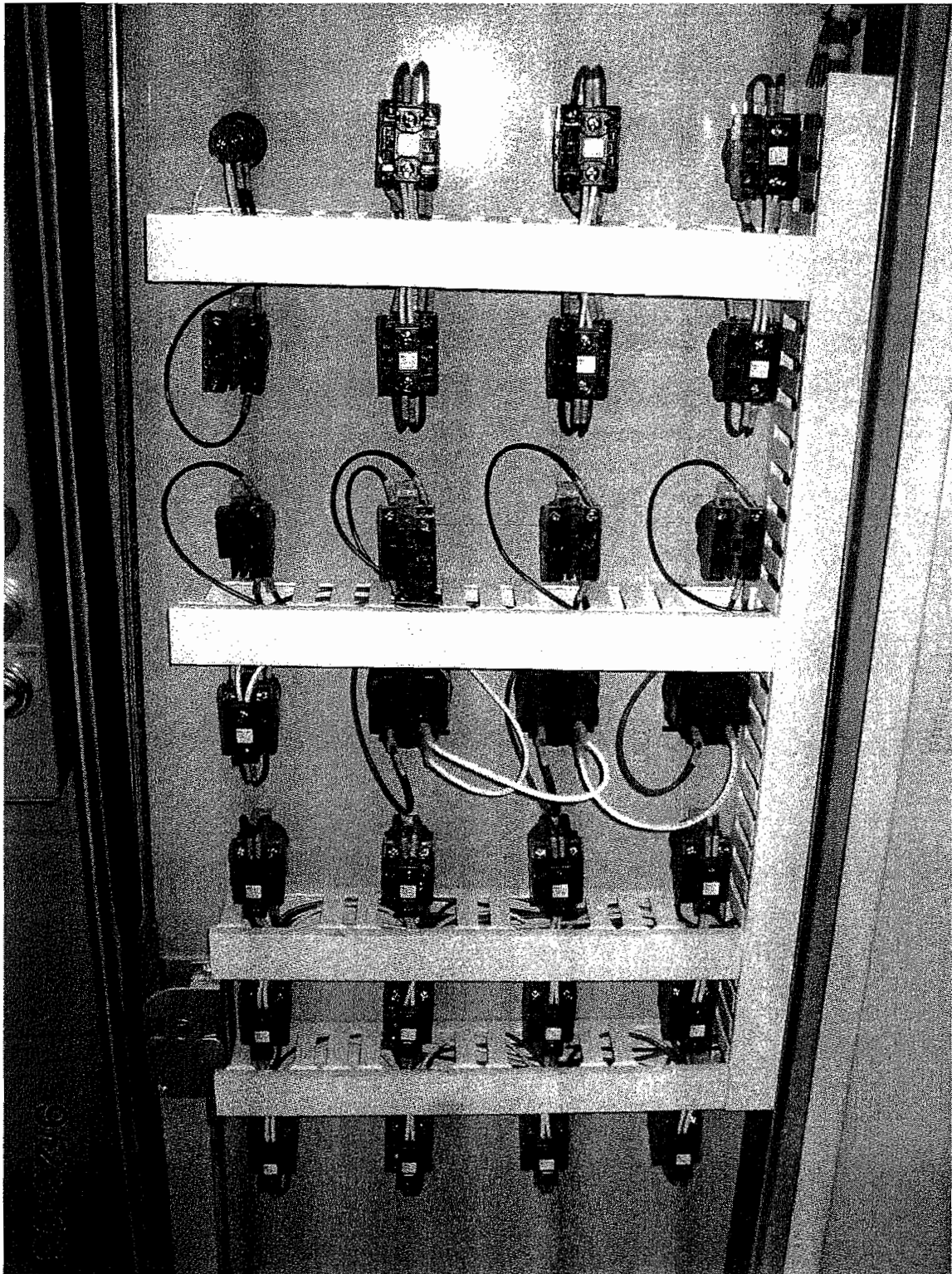
Description of View: Outside Submersible
Pump Control

Photograph No.: 379 Date Taken: 9/23/03

Inspector: R. Helms



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Outside Extraction and
Treatment System Control
Photograph No: 380 Date Taken: 9/23/03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

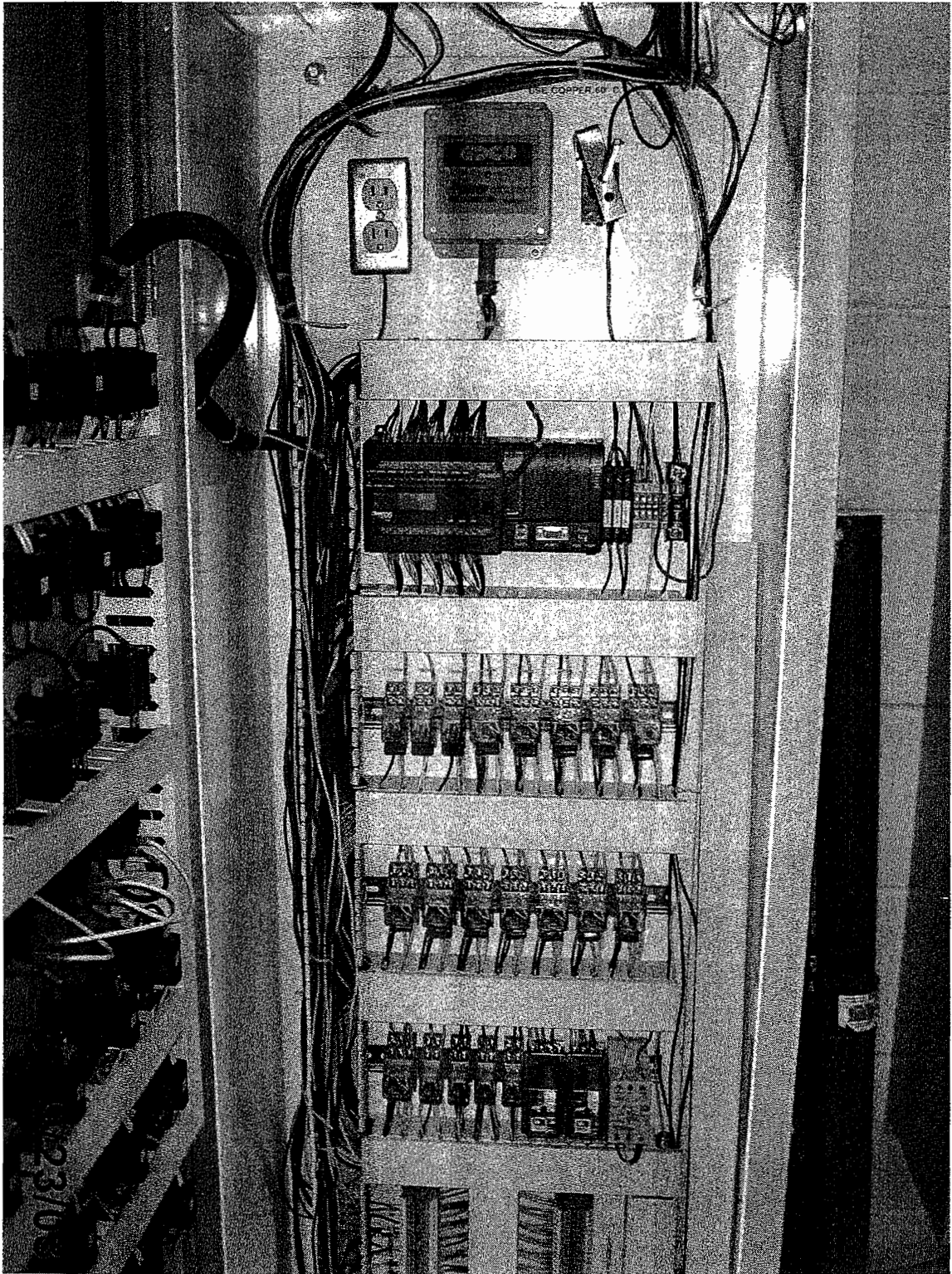
Site No.: 1-30-050 --- Contract No: D004264

Description of View: Inside swampy close.

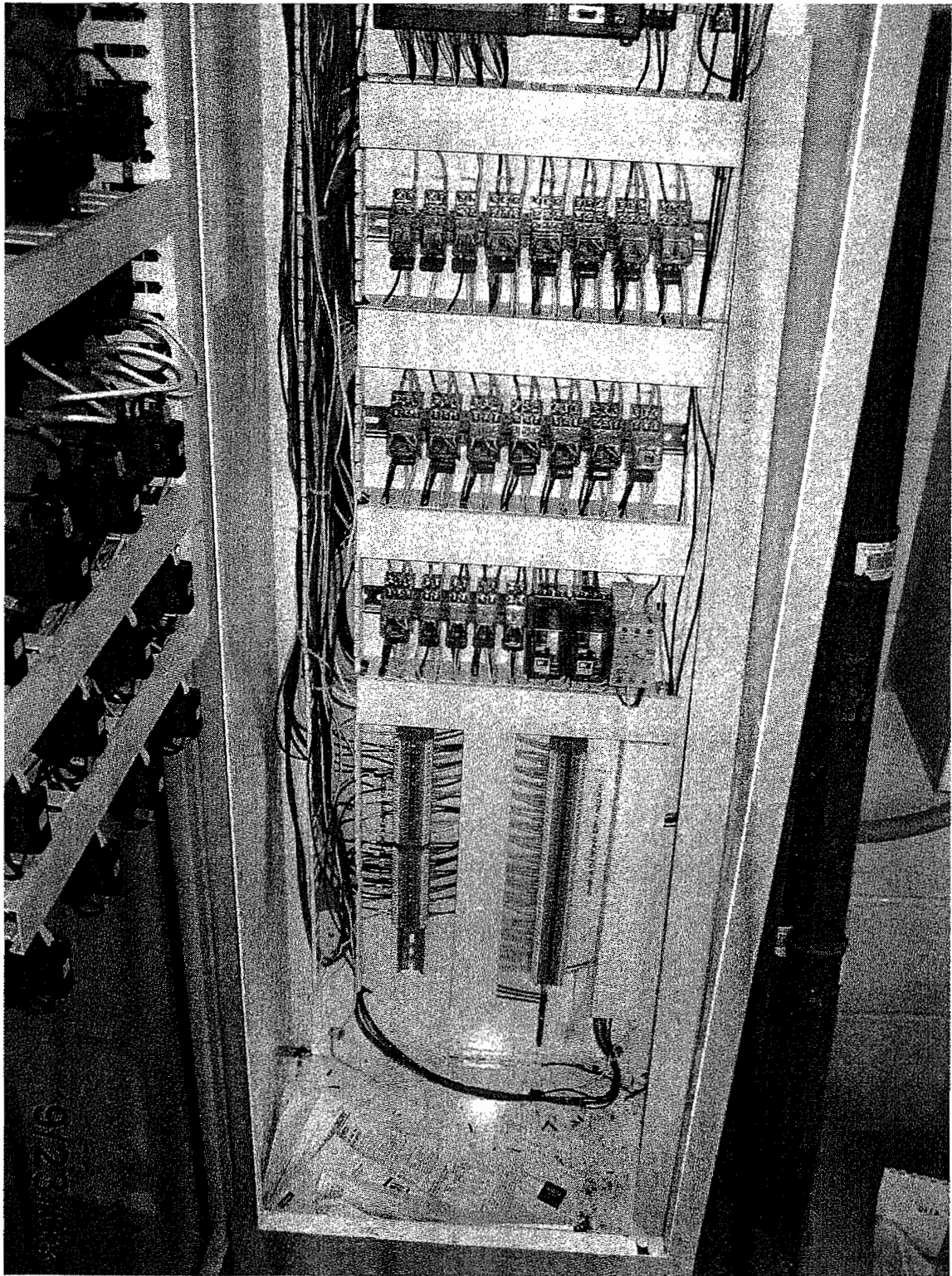
Extraction and Treatment System Control

Photograph No.: 381 Date Taken: 9/23

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Inside Extraction and
Treatment System Control
Photograph No.: 382 Date Taken: 9/23/03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

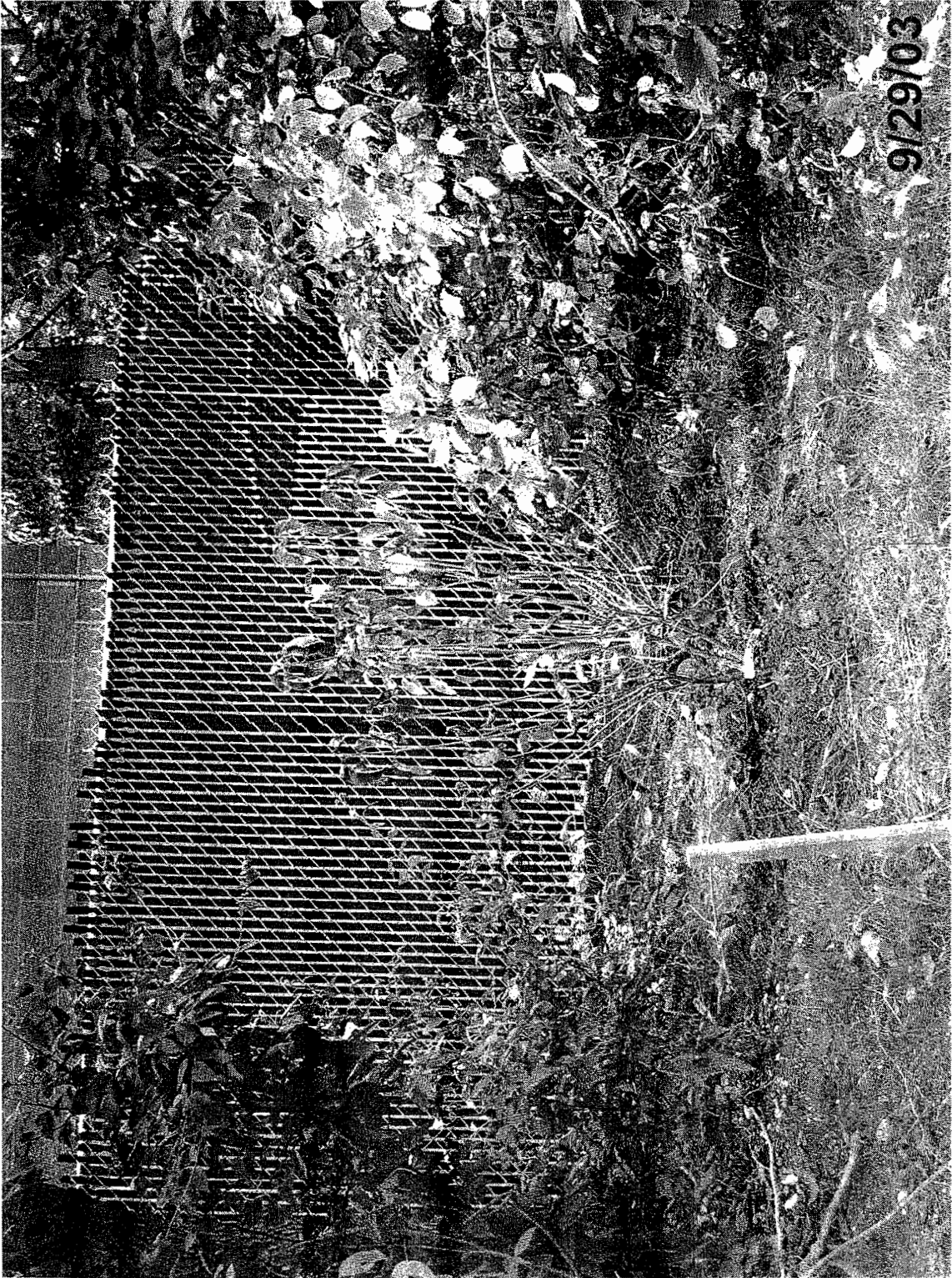
Description of View: Inside extraction and
treatment system located

Photograph No.: 383 Date Taken: 9/23/03

Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 Contract No: D004264
Description of View: Overview east side
Treatment and System Building
Photograph No.: 384 Date Taken: 9/29/03
Inspector: R. Heilig



Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Installation of shrubs
@ north side of building (Effluent lines)

Photograph No: 385 Date Taken: 9/29/03

Inspector: R. Hollis



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Shrubs @ area west
of swale along SSP
Photograph No.: 388 Date Taken: 9/24/03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Installation of wood
chips along shoulders SSP.
Photograph No.: 3812 Date Taken: 9/29/03
Inspector: R. Kelly



09/29/03

Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

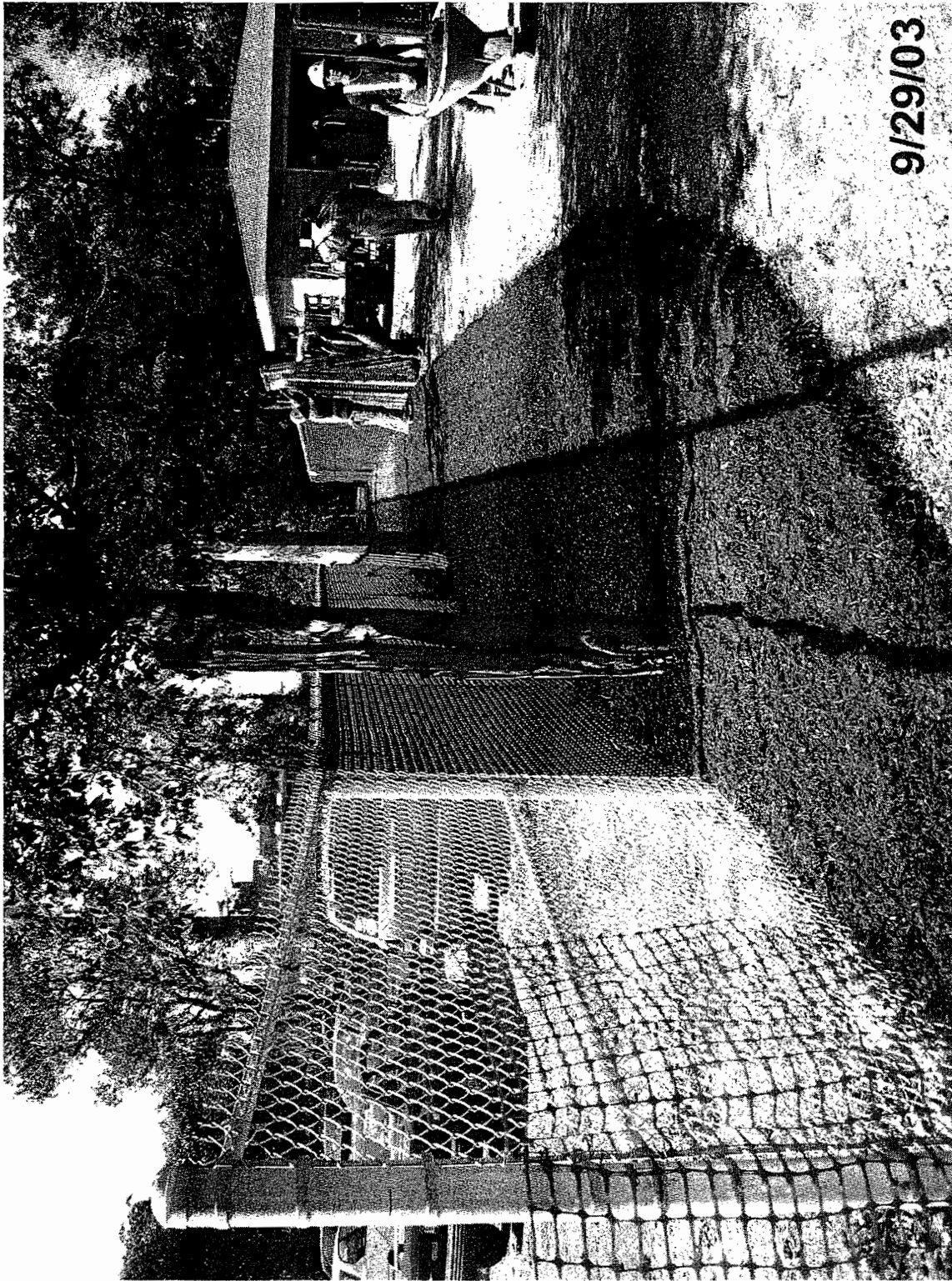
Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Installation of plantings
@ shoulder SSP.

Photograph No.: 393 Date Taken: 9/29

Inspector: R. H. H. H.



9/29/03

Site Name: Franklin Cleaners Site (off-site)

Engineer: Dvirka & Bartilucci Consult. Engrs.

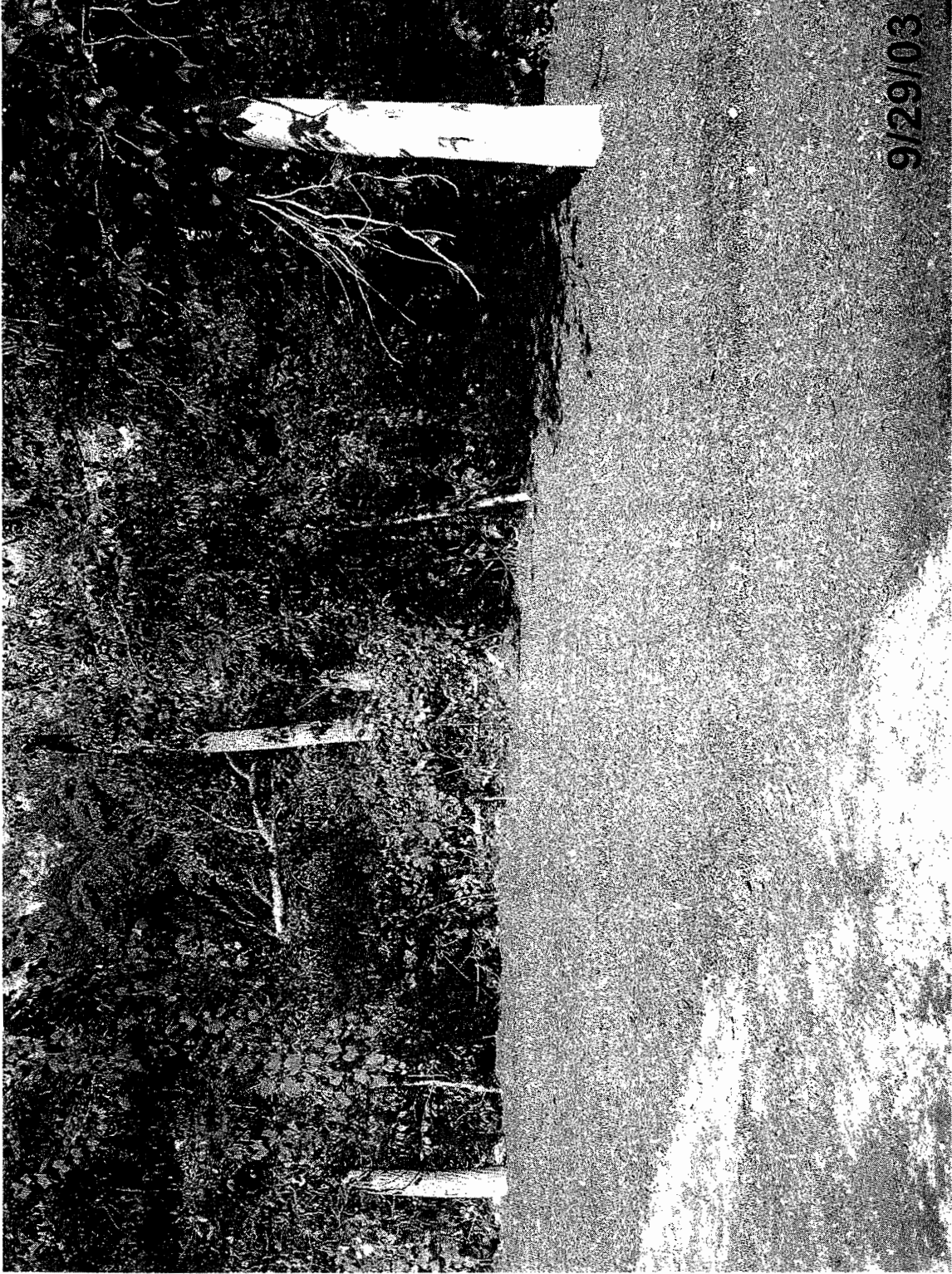
Contractor: URS Corporation

Site No.: 1-30-050 --- Contract No: D004264

Description of View: Installation of wood
chips & privacy slats.

Photograph No: 388 Date Taken: 9/29

Inspector: R. Helij



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 Contract No: D004264
Description of View: Wood chips next
to RCA Roadway.
Photograph No.: 389 Date Taken: 9/29
Inspector: R. Kelly



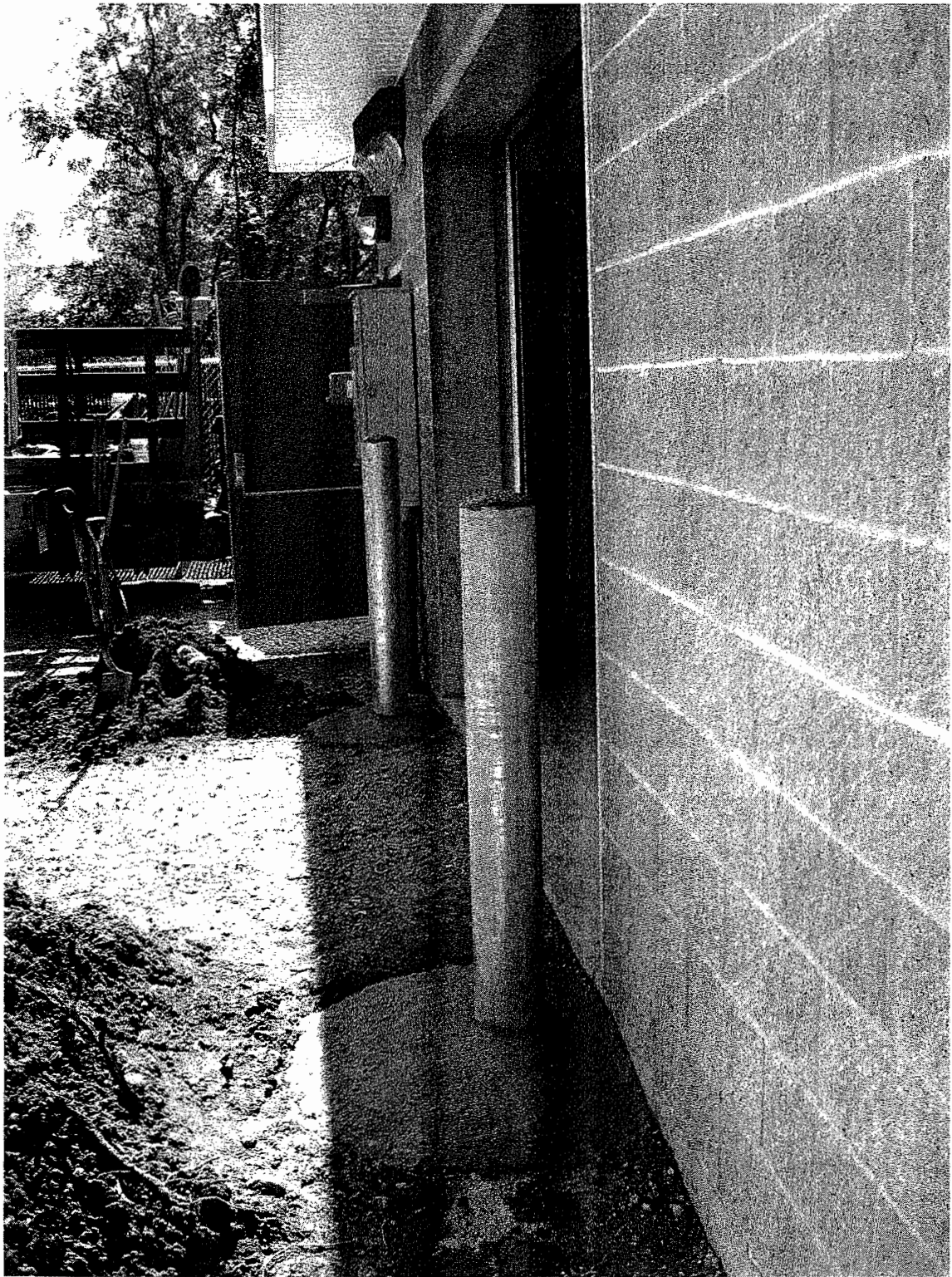
9/29/03

Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 --- Contract No: D004264
Description of View: Detail plantings
@ east side site.
Photograph No.: 391, Date Taken: 9/29
Inspector: R. Helms



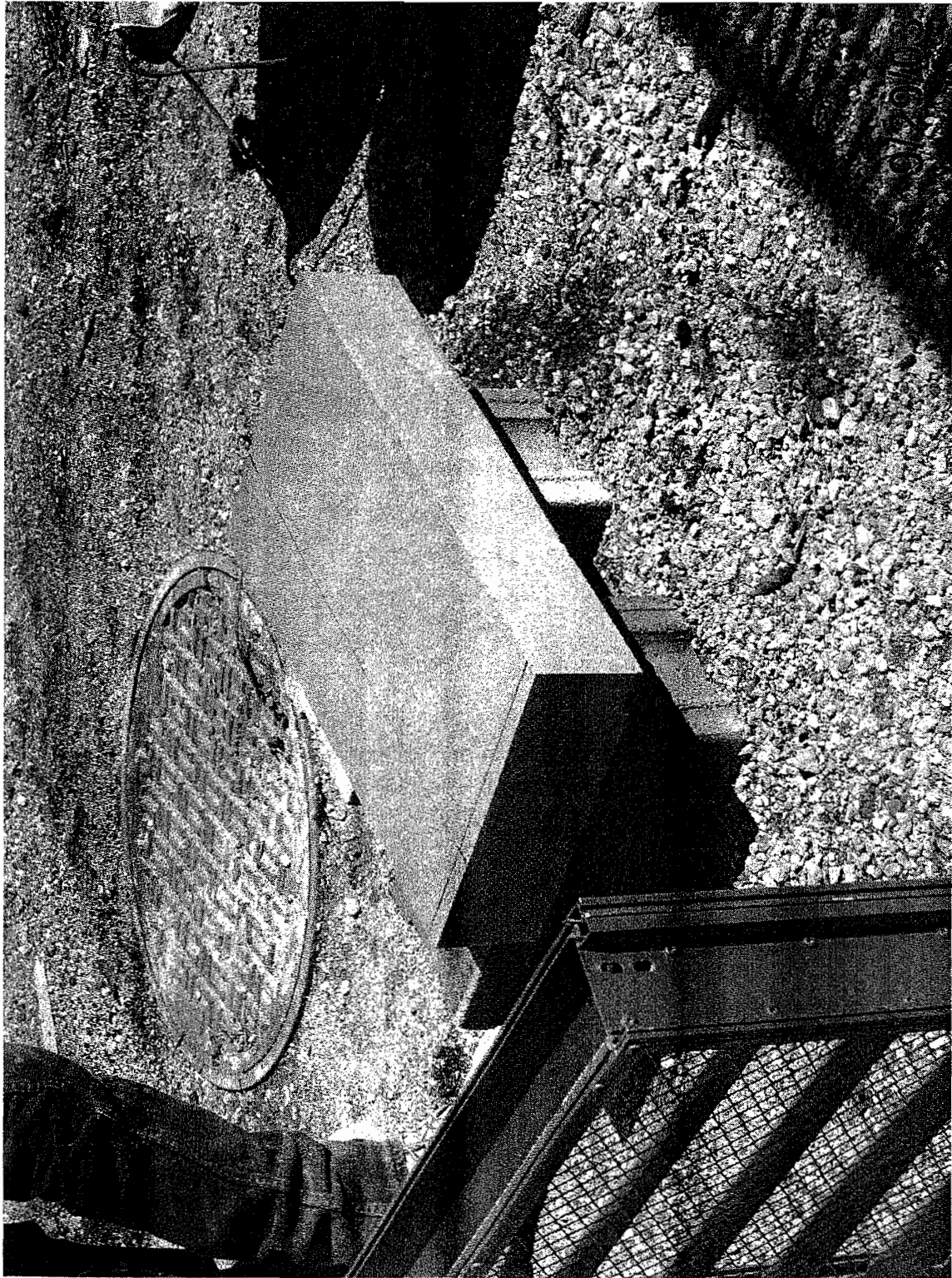
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview planting II

Photograph No.: 392 Date Taken: 9/29
Inspector: P. Helz



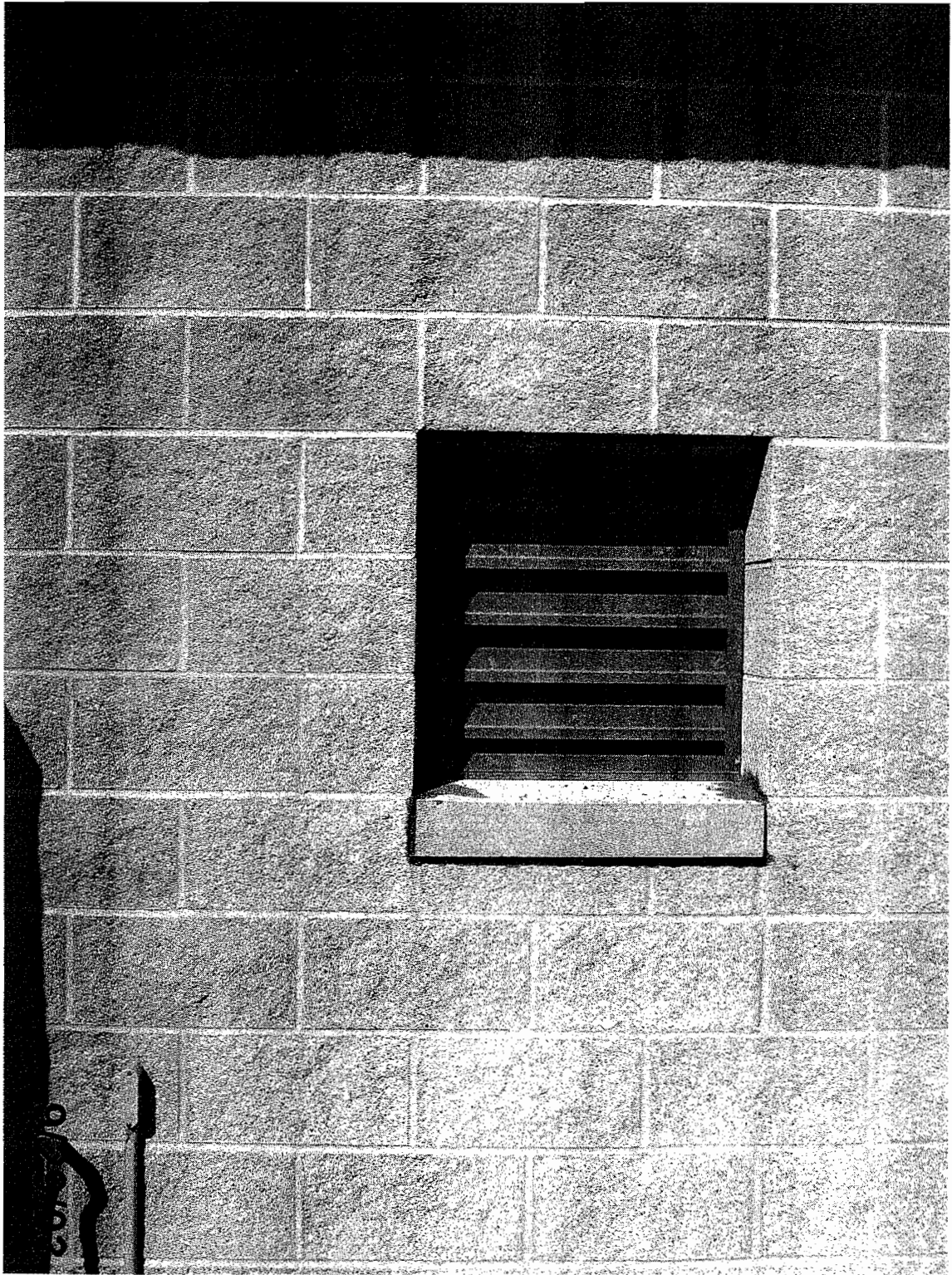
Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Ballistics

Photograph No.: 394 Date Taken: 9/29/03
Inspector: R. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 — Contract No: D004264
Description of View: Sill

Photograph No: 395 Date Taken: 9/29/03
Inspector: M. Helwig



Site Name: Franklin Cleaners Site (off-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: URS Corporation
Site No.: 1-30-050 -- Contract No: D004264
Description of View: Overview Sill +
Louver
Photograph No.: 396 Date Taken: 9/29/03
Inspector: R. Helij