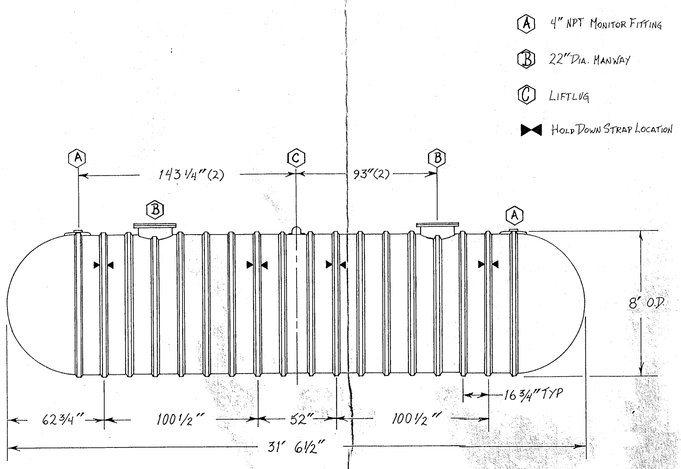
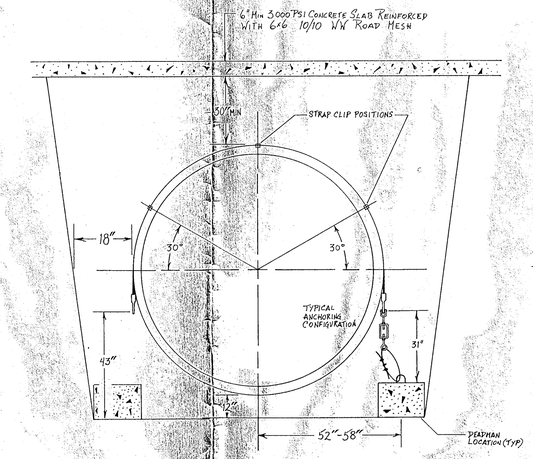
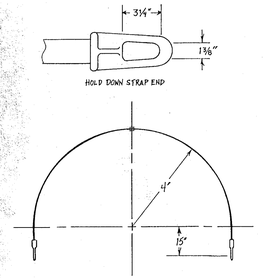


XERXES® CORP DWT-II T-31

8FT. DIA. 10,000 GALLON FRP DOUBLEWALL UST





Preparation For Installation

Use The Lift Lug When Hoisting Tank - Do Not Use Cables Or Chains Around The Tank. Use Guy Ropes To Guide The Tank When Required. DO NOT ROLL TANK.

Pre-Installation Testing

Tighten All Fittings, Pressurize To 5 PSIG (35 KPa), Then Soap Entire Tank For A Period Long Enough To Determine That There Are No Leaks As Indicated By Soap Bubbles Or A Drop In Pressure (Soap Test). If Damage Has Occured, DO NOT ATTEMPT REPAIRS, Contact XERXES Ref For Instructions.

Backfill And Bedding Material

Use Pea Gravel (Rounded Particles) With A Minimum Diameter Of 1/8" (3mm) And Maximum Diameter Of 3/4" (19mm).

Depth Of Excavation

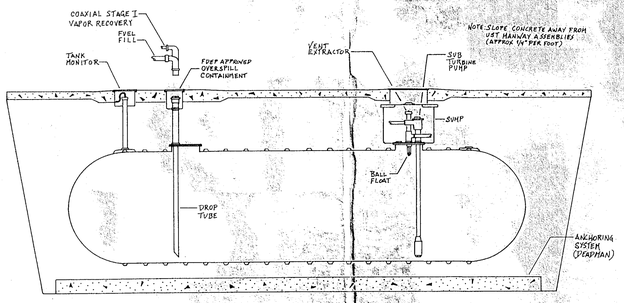
The Hole Must Be Deep Enough To Provide Sufficient Bedding And Cover Depth. Tanks Subjected To Traffic Loads And High Water Must Have A Minimum Of 30" (75cm) Of Backfill Over Tank And 6" Of Steel Reinforced Concrete.

Excavation Size

Where Shoring Is Not Required To Maintain A Vertical Wall From Top To Bottom Of The Excavation, The Minimum Spacing Between The Sidewall Or Endcap Of The Tank And Side Of Excavation Must Be 18" (45cm). If More Than One Tank Is To Be Installed In The Same Hole, There Must Be At Least 18" (45cm) Between Tanks.

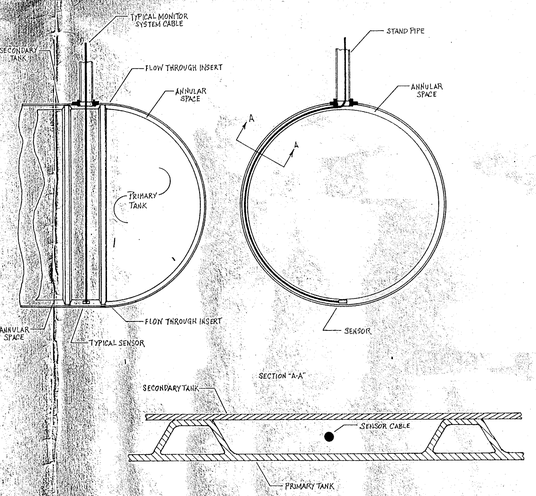
Anchoring Tanks - Deadman

A Deadman Must Be A Concrete Beam With A Total Length 12" (30cm) Greater Than The Total Length Of The Tank. 8' (2.4m) Diameter Tanks Require A Deadman With A 12" x 12" (30cm x 30cm) Cross Section. Lay The Deadman Parallel To The Tank, Not More Than 4.5' (1.4m) From The Centerline Of Tank. Position Each Hold Down Strap So It Will Be Centered On The Face Of The Rib Designated By Arrows. Fasten The Wire Cable To The Deadman With At Least Three Clamps. Connect The Cable And Strap With A Turnbuckle, Then Tighten Uniformly With Other Straps Until Snug, But Cause No Deflection Of The Tank.



TYPICAL SERVICE STATION
D.W.T. INSTALLATION
N.T.S.

ANCHOR STRAPPING
N.T.S.



DOUBLEWALL TANK
TYPICAL MONITOR SYSTEM
N.T.S.

METROPOLITAN DADE COUNTY
POLLUTION CONTROL DIVISION
UNDERGROUND STORAGE FACILITIES
APPROVED GW
DATE 5/31/95

MILLER INDUSTRIAL EQUIPMENT, INC.

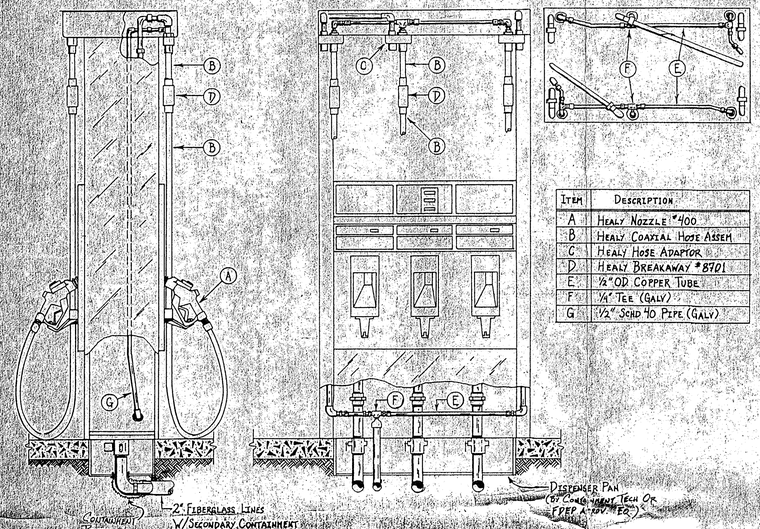
SCALE: As Shown	APPROVED	DRAWN BY
DATE: A.V.		REVISED 05-30-95

VESADA AUTO REPAIR CORP
6900 SW 8 ST
MIAMI FL

VST DETAIL

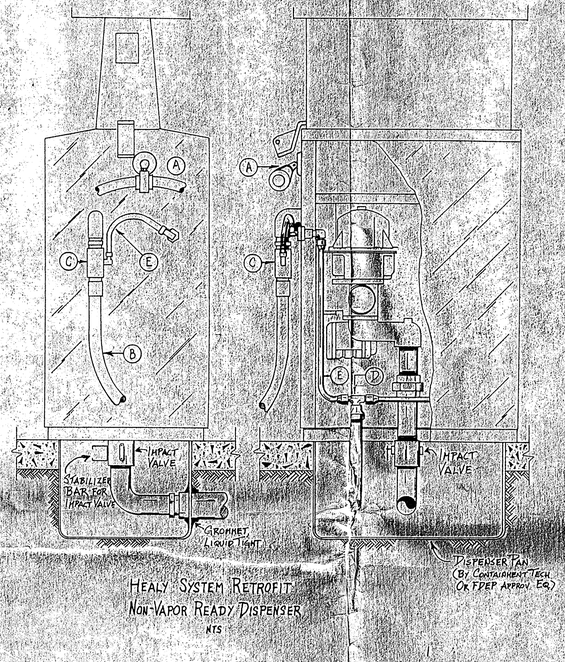
DRAWING NUMBER 3 OF 4

24 X 36 - PRINTED ON NO. 1000M CLEARPRINT 4



ITEM	DESCRIPTION
A	HEALY NOZZLE #400
B	HEALY COAXIAL HOSE ASSEM
C	HEALY HOSE ADAPTOR
D	HEALY BREAKAWAY #8701
E	½" OD COPPER TUBE
F	½" TEE (GALV)
G	½" SCHD 40 PIPE (GALV)

HEALY SYSTEM RETROFIT
NON-VAPOR READY MPD
NTS

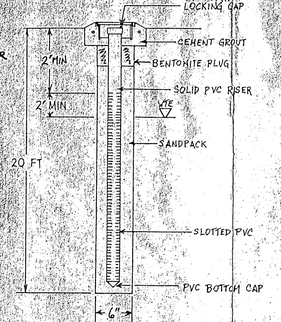


ITEM	DESCRIPTION
A	HEALY HOSE CLAMP
B	HEALY COAXIAL HOSE ASSEM
C	HEALY HOSE ADAPTOR
D	¼" TEE (GALV)
E	½" OD COPPER TUBE

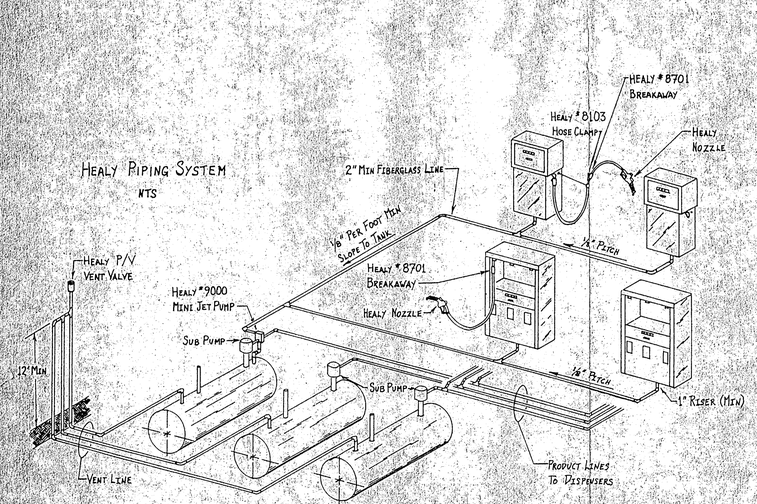
NOTE IMPACT VALVE SHEAR SECTION TO BE SET EVEN WITH TOP OF DISPENSER ISLAND.

HEALY SYSTEM RETROFIT
NON-VAPOR READY DISPENSER
NTS

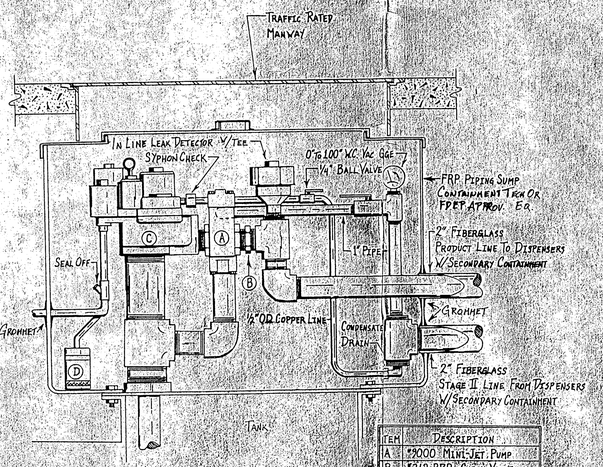
NOTE: RISER AT FOR SCHD 40 PVC SCREEN OF 4" DIA SCHD 40 PVC .010 SLOT BENTONITE PLUG PLACED BETWEEN SANDPACK AND GROUT SANDPACK OF COARSE SILICA SAND
REINFORCEMENT RODS INSTALLED AROUND METER BOX
WELL SCREEN NOT SET INTO GROUNDWATER
TYPICAL WELL SCREEN RANGE BELOW NYE 1'-1V



TYPICAL MONITOR WELL
NTS

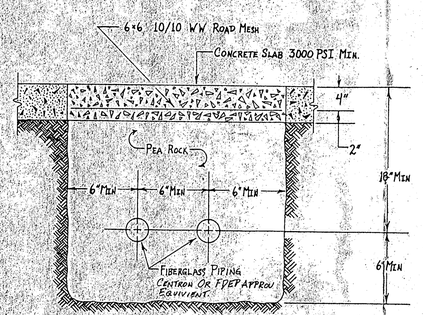


HEALY PIPING SYSTEM
NTS



ITEM	DESCRIPTION
A	#9000 MINI-JET PUMP
B	#212 BPR CHECK VALVE
C	SUB PUMP (¾ to 1½ HP)
D	SUMP SENSOR IF REQUIRED

9000 MINI-JET INSTALLATION
NTS



TYPICAL TRENCH BURY
NTS

HEALY STAGE II
SCOPE OF WORK:

1. INSTALL HEALY STAGE II VAPOR RECOVERY SYSTEM ON TWO (2) 10,000 GALLON UNDERGROUND STORAGE TANKS CONTAINING UNLEADED GASOLINE, EMPLOYING HEALY 9000 SYSTEM PUMP
2. RETROFIT EXISTING DISPENSERS FOR HEALY SYSTEM WITH APPROVED HEALY NOZZLES, HOSES, AND ADAPTORS.
3. MANIFOLD EXISTING UNLEADED GASOLINE VENTS AS PER HEALY SPECS WITH APPROVED HEALY PRESSURE/VACCUM VENT CAP.

NOTES:

ALL PIPING TO HAVE A SLOPE OF ⅛" PER FOOT MIN TOWARDS TANK.

GASOLINE RATED, NON-HARDENING PIPE COMPOUND TO BE USED ON PIPE THREAD ONLY.

HEALY CO-AXIAL HOSE IS CARB CERTIFIED FOR USE IN CONTACT WITH DRIVEWAY.

SYSTEM TO BE INSTALLED IN COMPLIANCE WITH MANUFACTURERS SPECS AND CARB EXECUTIVE ORDER G-70-70-AC

EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH NFPA-70 AND AUTOMOTIVE & MARINE SERVICE CODE NFPA-30A

DRAWING AND SCHEMATICS SHOWN IN PLANS ARE SUGGESTED ROUTING OF VAPOR RECOVERY LINES. CONTRACTOR TO LOCATE AND ROUTE PIPING AS SHOWN WHERE POSSIBLE, IF ALTERNATES IMPROVED ROUTES ARE FOUND, NOTIFY ENGINEER OF RECORD, AND REGULORTORY AGENCIES.

IN LINE LEAK DETECTORS TO BE COMPATABLE WITH RIGID FIBERGLASS LINES.

ALL COMPONENTS TO BE FDEP APPROVED

METROPOLITAN DADE COUNTY
POLLUTION CONTROL DIVISION
UNDERGROUND STORAGE FACILITIES
APPROVED [illegible]
DATE 5/2/95

Miller Industrial Equip. Inc.

SCALE: As Shown	APPROVED BY: [illegible]	DRAWN BY: [illegible]
DATE: 7/11/94	[illegible]	REVISED 05-30-95
VEGAYA AUTO REPAIR CORP. 6900 SW 8 ST MIAMI FL		
DETAIL SHEET		DRAWING NUMBER 4 OF 4

DEPT. OF ENVIRONMENTAL RESOURCES MANAGEMENT

PLANS PROCESSING

DEPARTMENTAL APPROVAL — DATE:

PLAN REVIEW

SECTIONS	DISAPPROVED	DATE	APPROVED	DATE
PLAN REVIEW				
HAZARDOUS WASTE				
HAZARDOUS FACILITIES				
STORAGE TANK			AW	5/21/95
WATER SUPPLY				
WASTEWATER				
UPLAND & FRESHWATER RESOURCES				
WATER CONTROL				
FLOOD CRITERIA				
AIR				
(AQR FACILITIES) PLANNING & EVALUATION				

*PERMIT NOT VALID UNTIL DEPARTMENTAL APPROVAL IS ISSUED BY PLAN REVIEW SECTION.

DISCOVERY TANK TESTING
Precision Tank Testing SPECIALISTS
(561) 840-1666

INVOICE # Q07711

MONITORING SYSTEM CERTIFICATION

A. General Information

Facility Name: JAK SERVICE CENTER Bldg. No.:

Site Address: 6900 SW 8TH ST. City: MIAMI Zip: 33144

Facility Contact Person: PETROLEUM SOLUTIONS Contact Phone No.: (305) 883-8687

Make/Model of Monitoring System: INCON-TS 550 Date of Testing/Servicing: 7 / 8 / 16

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced;

Tank ID- REGULAR ☒ In-Tank Gauging Probe. Model: MAG ☒ Annular Space or Vault Sensor. Model: TSP-EIS ☒ Piping Sump / Trench Sensor(s). Model: TSP-ULS ☐ Fill Sump Sensor(s). Model: ☒ Mechanical Line Leak Detector. Model: LD-2200 ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other	Tank ID - PREMIUM ☒ In-Tank -Gauging Probe. Model: MAG ☒ Annular Space or Vault Sensor. Model: TSP-EIS ☒ Piping Sump / Trench Sensor(s). Model: TSP-ULS ☐ Fill Sump Sensor(s). Model: ☒ Mechanical Line Leak Detector. Model: FX-1V ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other
Tank ID- DIESEL ☒ In-Tank Gauging Probe. Model: MAG ☒ Annular Space or Vault Sensor. Model: TSP-EIS ☒ Piping Sump / Trench Sensor(s). Model: TSP-ULS ☐ Fill Sump Sensor(s). Model: ☒ Mechanical Line Leak Detector. Model: FX-1DV ☐ Electronic Line Leak Detector Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other	Tank ID: ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s).. Model: ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill I High-Level Sensor. Model: ☐ Other
Dispenser ID: ALL ☐ Dispenser Containment Sensor(s). Model: ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID- ☐ -Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID- ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID- ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID- ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s).- ☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification - **I certify that the equipment identified in this document was inspected/serviced in accordance with -the manufacturers' guidelines. For any equipment capable of generating such reports, I have also attached a copy of the report; check all that apply:** ☐system set up ☒alarm history

Technician Name (print): H. DENT Signature: H Dent

Digitally signed by: H Dent
DN: CN = H Dent C = US O = Discovery Tank Testing, Inc. OU = Tank Tester
Date: 2014.03.11 11:06:42 -04'00'

Certification No.: A22857 License. No.: RQ66547

Testing Company Name: DISCOVERY TANK TESTING, INC. Phone No: (561) 840-1666

Site Address: P.O. BOX 14207, NORTH PALM BEACH, FL 33408 Date of Testing/Servicing: 7 / 8 / 16

D. Results of Testing/Servicing

Software Version Installed: N/A

Complete the following checklist:

☒ Yes	☐ No*	Is the audible alarm operational?
☒ Yes	☐ No*	Is the visual alarm operational?
☒ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☒ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ ☒ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ☒ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails. to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☐ Yes; ☐ No.
☐ Yes	☐ No* ☒ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? 90 %
☐ Yes*	☒ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☒ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water
☒ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☒ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

E. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.

☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☒ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☒ Yes	☐ No*	Was accuracy of system product level readings tested?
☒ Yes	☐ No*	Was accuracy of system water level readings tested?
☒ Yes	☐ No*	Were all probes reinstalled properly?

F. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed.

Complete the following checklist:

☒ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☒ 3 g.p.h., ☐ 0. 1 g.p.h , ☐ 0.2 g.p.h.
☒ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☒ Yes	☐ No*	Was the testing apparatus properly calibrated?
☒ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?

Comments: PREMIUM ANNULAR SENSOR IS IN ALARM - NO WATER OR FUEL IN ANNULAR - BUT SENSOR IS STUCK IN ANNULAR SPACE - CAN'T GET IT OUT.

DISCOVERY TANK TESTING
Precision Tank Testing
SPECIALISTS
(561) 840-1666

Line Leak Detector Test Data Sheet

Station Name: JAK SERVICE CENTER Date 7/8/16

Address 6900 SW 8TH ST.

Test Information

	1	2	3	4	5
Product	REGULAR	PREMIUM	DIESEL		
Manufacturer	VMI	RED JACKET	RED JACKET		
Model	LD-2200	FX-1V	FX-1DV		
Full Operating Pressure (psi)	29 PSI	28 PSI	31 PSI		
Trip Time (see)	3	3	2		
F/E Holding Pressure (psi)	16 PSI	20 PSI	22 PSI		
Test Leak Rate	3.0 gph	3.0 gph	3.0 gph	3.0 gph	3.0 gph
PASS or FAIL	PASS	PASS	PASS		

COMMENTS: ALL LEAK DETECTOR TESTS PASSED.

This letter certifies that the annual leak detector tests were performed at the above referenced facility according to the equipment manufacturers procedures and limitations and the results as listed are to my knowledge true and correct. The mechanical leak test detector test pass/fail is determined using a low flow threshold trip rate of 3.0 gph.

Inspected By: Contractor DISCOVERY TANK TESTING, INC. PO Box 14207 North Palm Beach, FL 33408 561-840-1666

Technician H DENT **Lic#** RQ66547

Signature H Dent

Digitally signed by: H Dent
DN: CN = H Dent C = US O = Discovery Tank Testing, Inc.
OU = Tank Tester
Date: 2014.03.11 11:07:34 -04'00'

TANK CLOSURE REPORT

for

ADRIAN SERVICE STATION
UT 0166

6900 S.W. 8 STREET
MIAMI, FLORIDA

Submitted to the

DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT
(DERM)

by

SERVICE STATION AID, ENVIRONMENTAL
(SSAE)

Written by

Alejandro Montalvo
Project Manager

Reviewed by

Mario Zamora
QA/QC Officer

Rolando R.H. Santos, P.E., D.E.E
Director, Environmental Department

AUGUST 7, 1991

2101910

TABLE OF CONTENTS

August 6, 1991

M. Amando Villanueva
Department of Environmental
Resource Management (DERM)
Storage Tank Section
111 N.W.1 Street
Suite 1310
Miami, Florida 33128

RE: Tank closure report for the Adrian Service Station facility located at, near, or in the vicinity of 6900 S.W. 8 Street, Miami, Dade County, Florida.

Dear Mr. Villanueva:

SSA Environmental hereby submits this document in accordance with Rule 17-761 requiring a closure assessment at the time of removal of three (3) 550 gallons and two (2) 2,000 gallons Steel Underground Storage Tanks (UST).

Plans for UST removal were submitted by SSA Environmental (SSAE) to the Department of Environmental Resources Management (DERM) on May 21, 1991. The said plans were approved by DERM on May 31, 1991. Approval for re-lining of one (1) existing 2,000 gallons tank was also granted by DERM's Storage Tank Section. Refer to APPENDIX A for copies of the Storage Tank Excavation Permits. A copy of the Scope of Work proposed by SSAE for the legal removal and disposal of the UST's is also included in APPENDIX A.

On July 17, 1991 the UST's and surrounding soil were excavated. The extent of the excavation was determined by screening the excavation pit walls with a Photoionization Detector (PID), until organic vapor readings of less than 500 ppm for Gasoline and 50 ppm for Diesel fuel were detected or structural constraints impeded further excavation. The PID analysis is listed in APPENDIX C. During the excavation, the UST's were disposed of by N & M Trucking and transported to Sun Metal at 13200 Cairo Ln., Opa Locka, Florida. Tank removal was done in accordance with FDER 17-761, 17-770, and API 1604.

On July 29, 1991, the ground water samples were analyzed by a state certified laboratory (Engineers-Scientists Laboratory) via EPA methods 602 and 610. The results indicated that the ground water beneath the site is contaminated by members of the Gasoline groups in the vicinity of the underground storage tank. Refer to Appendix D for a copy of the analytical results.

We look forward to hearing from you regarding your response and if further evaluation is warranted on the site.

Should you have any questions or comments, please contact Alejandro Montalvo at (305)573-7420. Thank you.

Sincerely,

SSA ENVIRONMENTAL

Rolando R.H. Santos, P.E., D.E.E.
Director

RRHS/am
2101910

Enclosures

Florida Department of Environmental Regulation
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # 17-761.900(6)
Form Title: Closure Assessment Form
Effective Date: December 10, 1990
DER Reference No. ____ (Filled in by DER)

Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assesment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type
Complete All Applicable Blanks

1 Date AUGUST 6, 1991

2 DER Facility ID Number: 138503663 3. County: DADE COUNTY

4. Facility Name: ADRIAN SERVICE STATION

5. Facility Owner: JORGE AND JULIA UGAN

6. Facility Address. 6900 S.W. 8 STREET

7 Mailing Address. 11050 S.W. 143 RD. PL., MIAMI, FL. 33186

8. Telephone Number: (305) 261-8116 9. Facility Operator JORGE UGAN

10. Are the Storage Tank(s) (Circle one or both) A. Aboveground or (B.) Underground

, Type of Product(s) Stored GASOLINE AND DIESEL FUEL, KEROSENE AND WASTE OIL.

12 Were the Tank(s) (Circle one) A Replaced (B.) Removed C. Closed in Place D Upgraded (aboveground tanks only)

13. Number of Tanks Closed FIVE (5) TANKS
THREE (3) 550 GAL. UST'S.
TWO (2) 2,000 GAL. UST'S.

14. Age of Tanks: UNKNOWN

Facility Assessment Information

Yes	No	Not Applicable	
☐	☑		1. Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?
☐	☑		2 Was a Discharge Reporting Form submitted to the Department? If yes, When -- Where: --
☑	☐		3. Is the depth to ground water less than 20 feet?
☑	☐	☐	4. Are monitoring wells present around the storage system? If yes, specify type: ☑ Water monitoring ☐ Vapor monitoring
☐	☑	☐	5. Is there free product present in the monitoring wells or within the excavation?
☑	☐	☐	6. Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline? Specify sample type ☐ Vapor Monitoring wells ☑ Soil sample(s)
☑	☐	☐	7 Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene? Specify sample type. ☐ Vapor Monitoring wells ☑ Soil sample(s)
☑	☐	☐	8. Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels? (See target levels on reverse side of this form and supply laboratory data sheets)
☐	☑	☐	9 If a used oil storage system did a visual inspection detect any discolored soil indicating a release?
☐	☑		10 Are any potable wells located within ¼ of a mile radius of the facility?
☐	☑		11 Is there a surface water body within ¼ mile radius of the site? If yes, indicate distance

DER Form #	17-761.900(6)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	(Filled in by DER)

12 A detailed drawing or sketch of the facility that includes the storage system location, monitoring wells, buildings, storm drains, sample locations, and dispenser locations must accompany this form

13 If a facility has a pollutant storage tank system that has both gasoline and kerosene/diesel stored on site, both EPA Method 602 and EPA Method 610 must be performed on the ground water samples obtained.

14. Amount of soils removed and receipt of proper disposal.

15 If yes is answered to any one of questions 5-9, a Discharge Reporting Form 17-761.900(1) indicating a suspected release shall be submitted to the Department within one working day.

16. A copy of this form and any attachments must be submitted to the Department's district office in your area and to the locally administered program office under contract with the Department within 60 days of completion of tank removal or filling a tank with an inert material

JORGE UGAN JORGE UGAN
Signature of Owner — Date

ROLANDO R. H. SANTOS
Signature of Person Performing Assessment — Date

DIRECTOR, SSA ENVIRONMENTAL (SSAE).
Title of Person Performing Assessment

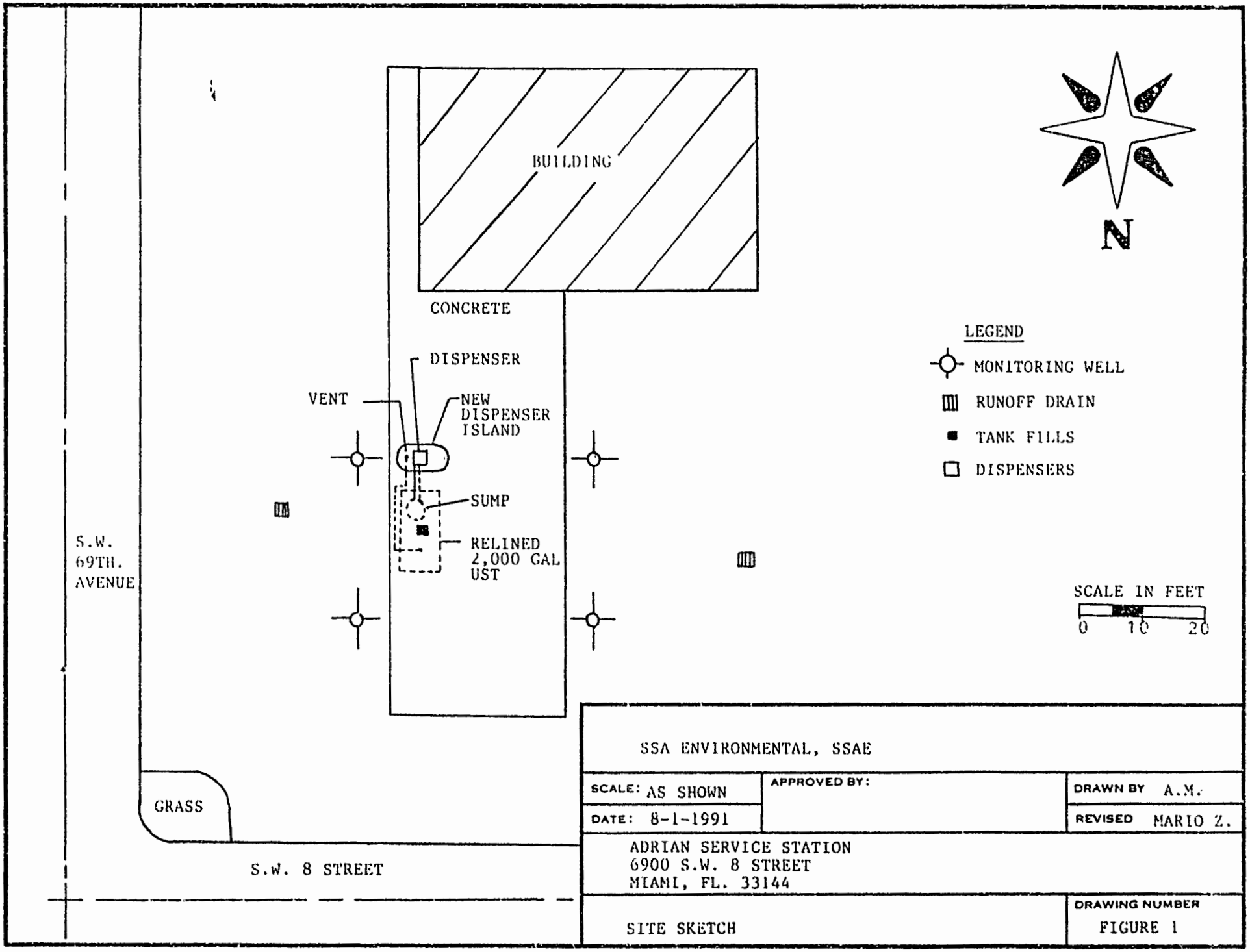
State Ground Water Target Levels That Affect A Pollutant Storage Tank System Closure Assessment

State ground water target levels are as follows:

1. For gasoline (EPA Method 602):
   a. Benzene 1 ug/l
   b. Total VOA 50 ug/l
      - Benzene
      - Toluene
      - Total Xylenes
      - Ethylbenzene
   c. Methyl Test-Butyl Ether (MTBE) 50 ug/l

2 For kerosene/diesel (EPA Method 610):
   a. Polynuclear Aromatic Hydrocarbons (PAHS) (Best achievable detection limit, 10 ug/l maximum)

FIGURE



SSA ENVIRONMENTAL, SSAE

SCALE: AS SHOWN	APPROVED BY:	DRAWN BY A.M.
DATE: 8-1-1991		REVISED MARIO Z.

ADRIAN SERVICE STATION
6900 S.W. 8 STREET
MIAMI, FL. 33144

SITE SKETCH

DRAWING NUMBER
FIGURE 1

8½ X 11 PRINTED ON NO 1000H CLEARPRINT ®

APPENDIX A

METROPOLITAN DADE COUNTY
F UTION CONTROL DIVISION
L ERGROUND STORAGE FACILITIES
A D'ED
DA 5/31/91

SCALE IN FEET
0 10 20

BY INSPECTION
CONTACT INSPECTION
AT LEAST 48 HOURS PRIOR TO INSPECTION

LEGEND

- MONITOR WELL
- RUNOFF DRAIN
- TANK FILLS
- DISPENSERS
- PRODUCT LINE (2" DOUBLE WALL FIBERGLASS)
- VENT LINE (2" SINGLE WALL FIBERGLASS)
- STAGE II LINE (2" DOUBLE WALL FIBERGLASS)

METROPOLITAN DADE COUNTY
MECHANICAL DEPT. BLDG. & ZONING
APPROVED
DATE 6-12-91

RECEIVED
MAY 21
METRO-DADE COUNTY
POLLUTION CONTROL

SERVICE STATION AID INC

SCALE AS SHOWN	APPROVED BY: Alan R. Isley	DRAWN BY
DATE 4/15/91		REVISED 5-21-91

ADRIAN SERVICE STATION (UGAN)
6900 SW 8 ST
MIAMI, FL

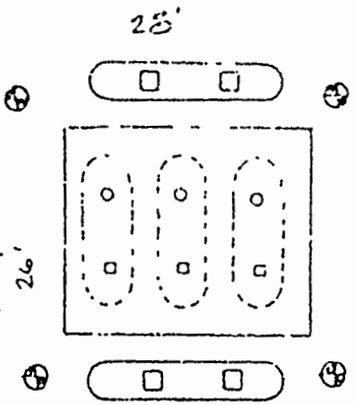
PROPOSED SITE SKETCH

DRAWING NUMBER

DEPT. OF ENVIRONMENTAL
RESOURCES MANAGEMENT
METROPOLITAN DADE COUNTY
ENVIRONMENTAL
FACILITIES ONLY
APPROVED
BY PC 604.86 / GC
DATE FEB 1 4 1986

OPOLITAN DADE COUNTY
POLLUTION CONTROL DIVISION
UNDERGROUND STORAGE FACILITIES

WED GC
2/11/86



3-20616

WASTE OIL TANKS

EXISTING BUILDING

1/LAYOUTS ARE APPROXIMATE. DRILLER TO TAKE FULL RESPONSIBILITY FOR UTILITY AVOIDANCE AND EXACT UNDER GROUND TANK PERIMETER &LINE LOCATION

2/NO WORK TO PROCEED WITHOUT DERM APPROVAL

3/PREPARED UNDER SUPERVISION OF PHILLIP D. WATSON, P.E.

Paid in full 2/19/86

DERM INSPECTION REQUIRED
FAILURE TO COMPLY WILL RESULT IN AN ILLEGAL INSTALLATION. TO SCHEDULE INSPECTION CALL 375-3323 AT LEAST 48 HOURS PRIOR TO INSTALLATION

CONSTRUCT (4) 2"PVC MONITORING WELLS

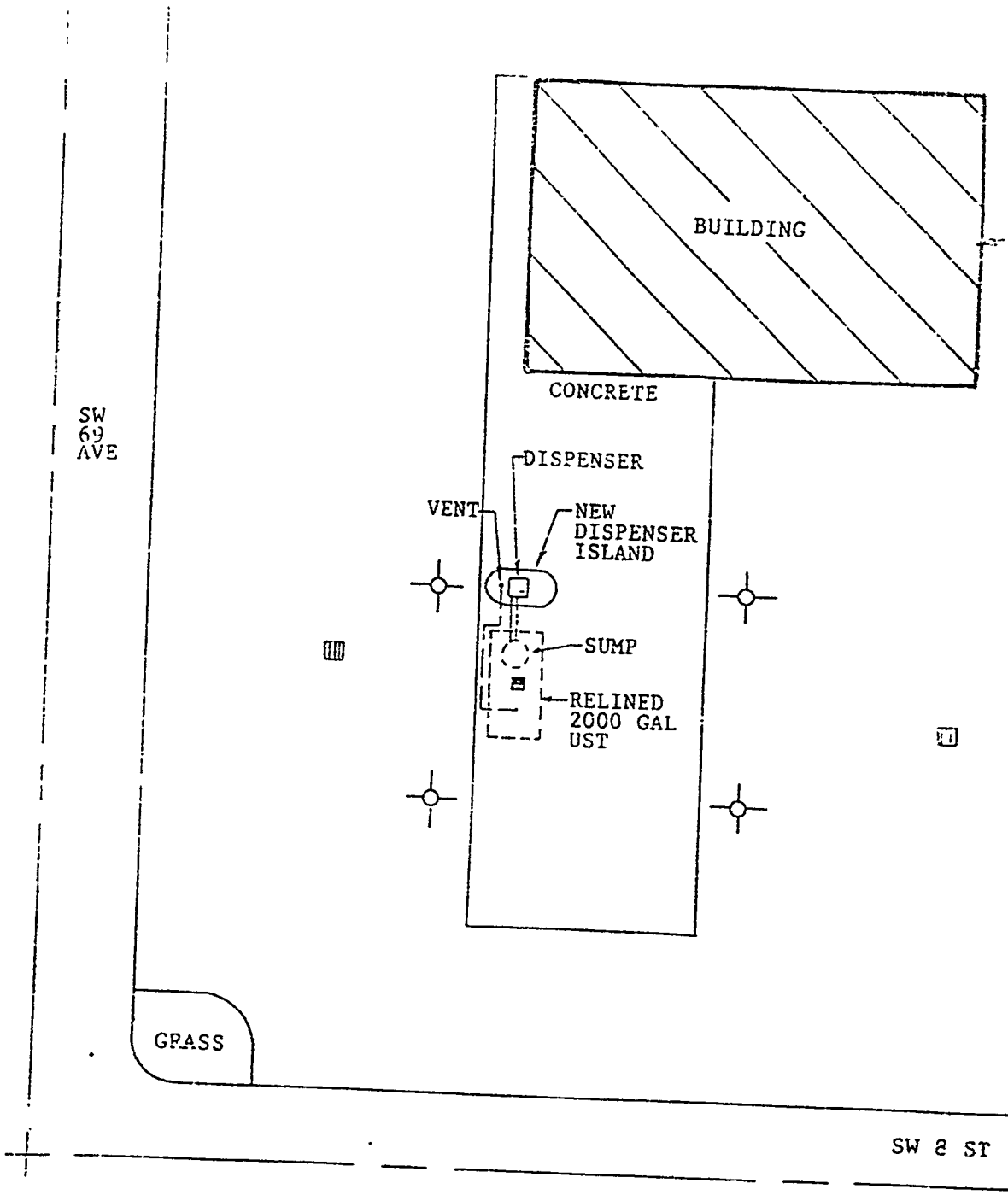
JOB NAME ADRIAN SERVICE STATION INC.

JOB LOCATION 6900 S.W. 8 ST.

MIAMI, FL. 33144

261-8116

J.M. HENSLEY DRILLING, INC.	
DATE 1-22-86	DWN. BY: JHL
STATE LICENSE NO.	2489
DRILLER LICENSE NO.	40663



EXISTING PORTION OF BUILDING SHALL
CONFORM WITH THE REQUIREMENTS
OF THE 1985
NFPA 101 LIFE SAFETY CODE

STD. TANKS & PIPING SYSTEM TO BE
INSTALLED IN ACCORDANCE
WITH N.F.P.A. 30.

11 x 17 PRINTED ON NO. 1000H CLEARPRINT

METROPOLITAN DADE COUNTY
ENVIRONMENTAL RESOURCES MANAGEMENT
STORAGE TANK SECTION
111 N W 1 St SUITE 1310
MIAMI FL 33128
375-5531

Fee # 2705

Date 5/31/91

Reviewed by

PROJECT NAME Adrian Service Station
ADDRESS 6900 SW 8th Street
CONTRACTOR SSA Phone 573-7[illegible]

UT # 6166

PC # 13545

Approval is hereby granted to the underground storage facility(ies) as described below as meeting the Pollution Control requirements However, this approval does not relieve the owner and/or cotractor from their responsibilities of seeking approval from Building and Zoning, Fire Dept. and/or any other department that may be necessary prior to construction.

	QUANTITY	CAPACITY	MAT'L OF CONSTRUCTION	CATHODIC PROTECTION
TANKS				

MONITOR WELLS	QUANTITY	STATUS	DIAMETER	C.A.L.D.S

	FIBERGLASS	STEEL	COPPER	OTHER	PROTECTION SYSTEM
PIPING					
PRODUCT	✓				
VENT	✓				

SEC. CONTAINMENT
TANKS: Re-lining.
PIPING: Double wall

PUMP SYSTEM
SUCTION:
SUBMERSIBLE: LINE LEAK DETECTOR:

OTHER
1) Approval for Removal of three(3) 550 gallon and two (2) 2,000 gallon underground storage tanks. Tanks to be disposed of by NSF Trucking. Tank(s) contents to be removed and disposed of by P.S.I.
2) Approval for re-lining of one(1) existing 2,000 gallon tank.
3) Approval for stage II vapor recovery piping.
4) Approval for overfill/rapid petroleum systems. Permit for proper disposal of tanks and tank(s) contents shall be submitted to this department within thirty (30) days of tank removal. Approval of tank's disposition shall be submitted prior to installation of stage II vapor and associated equipment.

PROVIDED:
1. Construction is completed according to approved plans.
2. Construction on this project must be commenced within one year of this approval, otherwise plans and specifications must be resubmitted for approval by this department.
3 The water supply for this building shall be in accordance with requirements of Dade County Health Department.
4 All water lines shall be located a minimum horizontal distance of 10 ft. from all septic tanks, drainfields, sewer lines, etc.
5 There may be county, municipal or other local regulations or restrictions to be complied with by the owner prior to construction of the facilities represented by these plans We recommend that appropiate local agencies be consulted before starting construction
The plumbing layout sizes and slopes shall be approved by the Plumbing Department before installation

SERVICE STATION AIDS INC
Petroleum Equipment & Environmental Services
81 N.E. 21ST STREET
MIAMI, FLORIDA 33137
PHONE (305) 573-7420

SCOPE OF WORK

1. Remove and legally dispose of three (3) 550 gallon underground storage tank and two (2) 2000 gallon underground storage tanks and associated piping.

2. Tank disposal will be done by N&M Trucking to Sun metal at 3200 Cairo Ln, Opa Locka, Florida. Disposal documents will be provided to the contractor for further report to DERM.

3. Any sludge or liquid pollutants remaining in the tanks shall be legally disposed of by PMI, a duly licensed contractor.

4. Tank removal will be done in accordance with FDER 17-761, 17-770, and API 1604.

5. Contaminated soil from the site can be temporarily stored at the site following pertinent rules and regulations. Soil will be disposed of by a properly licensed contractor.

6. Re-line one (1) 2000 gallon underground storage tank. Work to be done by Williams Tank Service.

7. Install overfill/overspill protection on 2000 gallon tank.

8. Install 2" double wall fiberglass product and vent lines.

9. Install underground lines for Stage II vapor recovery system, to be stubbed up underneath dispenser for future use.

STO. TANKS & PIPING SYSTEM TO BE INSTALLED IN ACCORDANCE WITH N.F.P.A. 30

EXISTING PORTION OF BUILDING SHALL ONLY [illegible] BUILDING [illegible]

APPENDIX B

81 NE 21st Street
Miami, Florida 33137
(305) 573-7420

SSA Environmental

SOIL SAMPLING DATA

NUMBER #

DATE	JOB NUMBER	LOCATION	JOB TITLE
7/18	2-01910	6900 S.W 8 Street	Adrian Env Station

PROJECT MANAGER	FIELD PERSONNEL	TITLE
Maria L	Aller Montalvo	Env Technician

BORING NUMBER	DRILLER
N/A	N/A

Gas #1 7/17

FROM		P.I.D. READINGS
Northwest	NW	56.6 ppm ✓
Northeast	NE	57.8 ppm ✓
Southeast	SE	292 ppm ✓
Southwest	SW	4150 ppm ×

Diesel 7/17

FROM		P.I.D. READINGS
North	N	3.5 ppm ✓
South	S	0.5 ppm ✓

South (S) → Gas #2 7/17

FROM		P.I.D. READINGS
Southwest	Composite (S.W)	2100 ppm ×

South (S) → Gas #3 7/18

FROM		P.I.D. READINGS
Corner	S E	3300 ppm ×
Middle	S	21.4 ppm ✓
Corner	S W	282 ppm ✓

South (S) → Gas #4 7/18

FROM		P.I.D. READINGS
Corner	S.E.	4200 ppm ×
Middle	S.	30.8 ppm ✓
Corner	S W	12.6 ppm ✓

South (S) → Gas #5 7/18

FROM		P.I.D. READINGS
Southeast Corner	S.E. Composite	2200 ppm ×

South (S) → Gas #6 7/18

FROM		P.I.D. READINGS
Southeast Corner	S.E Composite	875 ppm ×

South (S) → Gas #7 7/18

FROM		P.I.D. READINGS
Southeast Corner	S.E. Composite	156 ppm ✓

* South wall of excavation pit was contaminated Excavation was continued until PID readings under 500 ppm were obtained

S - South
S E - Southeast
S W - Southwest

APPENDIX C

engineers-scientists
LABORATORY

11960 S.W. 144 STREET, MIAMI, FL 33186
(305) 233-1411 • FAX (305) 235-6214

August 2, 1991

Mr. Mario Zamora
SSA Environmental
81 N.E. 21 Street
Miami, FL 33139

Re: SSA Project No: 2101910
ESL Project No: 9129TA
Invoice No: 1803
P.O. No: 3095-2101910
Terms: Net 20 Days

Dear Mr. Zamora:

This invoice is submitted for laboratory services as detailed below:

Parameter	Quantity	Unit Cost	Extended Cost
EPA 602	1	$79.00	$79.00
EPA 610	1	$134.00	$134.00

TOTAL AMOUNT DUE THIS INVOICE $213.00

engineers • scientists
LABORATORY

11960 S W 144 STREET, MIAMI, FL 33186
(305) 233 1411 • FAX (305) 235-6214

RESULTS OF LABORATORY ANALYSES

Client:	SSA Environmental		
Client Project No:	2101910	ESL Project No:	9129TA
Client Sample No:	Exc Pit 1	ESL Sample No:	7434
Sample Date:	Unknown		
Sample Location:	Adrian Service Station	Date Received:	7/17/91
		Time Received:	
Collected By:	Wilfred Chin	Analysis Date(s):	7/29/91
Sample Matrix:	Water	Report Date	7/30/91

PARAMETER	RESULTS	UNITS	DETECTION LIMIT
EPA METHOD 602			
Methyl-t-butyl ether (MTBE)	1900	ug/l	400 (a)
Benzene	550	ug/l	100 (a)
Toluene	1600	ug/l	100 (a)
Ethylbenzene	2500	ug/l	100 (a)
p-Xylene	2400	ug/l	100 (a)
Chlcrobenzene/m-Xylene *	6100	ug/l	100 (a)
o-Xylene	1600	ug/l	100 (a)
1,4-Dichlorobenzene	BDL	ug/l	100 (a)
1,3-Dichlorobenzene	660	ug/l	100 (a)
1,2-Dichlorobenzene	180	ug/l	100 (a)

Comments:

BDL: Below Detection Limits

* Compounds co-elute at the same retention time

(a) Dilution of 1:100

Adriana Perez
Laboratory Supervisor

engineers-scientists
LABORATORY

11960 S W 144 STREET, MIAMI, FL 33186
(305) 233-1411 • FAX (305) 235-6214

RESULTS OF LABORATORY ANALYSES

Client:	SSA Environmental		
Client Project No:	2101910	ESL Project No:	9129TA
Client Sample No:	Exc Pit 2	ESL Sample No:	7435
Sample Date:	Unknown		
Sample Location:	Adrian Service Station	Date Received:	7-17-91
		Time Received:	
Collected By:	Wilfred Chin	Analysis Date(s):	7-29-91
Sample Matrix:	Water	Report Date	7-30-91

PARAMETER	RESULTS	UNITS	DETECTION LIMIT
EPA METHOD 610			
Naphthalene	BDL	ug/l	2
2-methylnaphthlene	BDL	ug/l	2
1-methylnaphthlene	BDL	ug/l	2
Acenaphthalene	BDL	ug/l	2
Acenaphthene	BDL	ug/l	2
Fluorene	BDL	ug/l	2
Phenanthrene	BDL	ug/l	2
Anthracene	BDL	ug/l	2
Fluoranthene	BDL	ug/l	2
Pyrene	BDL	ug/l	2
Benzo(a)anthracene	BDL	ug/l	2
Chrysene	BDL	ug/l	2
Benzo(b)fluoranthene/ Benzo(k)fluoranthene *	BDL	ug/l	4
Benzo(a)pyrene	BDL	ug/l	2
Dibenzo(a,h)anthracene/ Indeno(1,2,3-cd)pyrene *	BDL	ug/l	4
Benzo(g,h,i)perylene	BDL	ug/l	2

Comments:

BDL: Below Detection Limits

* Compounds co-elute at the same retention time

Adriana Perez
Laboratory Supervisor

APPENDIX D

SSA Environmental
A division of
Service Station Aid, Inc
Consultants for
assessments and
environmental
clean-ups

81 N E. 21 Street
Miami, Florida 33137
In Dade: 573-7420
In Broward: 524-5232

CHAIN OF CUSTODY RECORD

SSA Environmental

PO# 3095 – 210290

Nº 2119

Project Name or Number	Project Location
210290	ADRIAN SER STATION

Client Name	Sample Description (CHECK ONE)				Number of Containers	Laboratory Analysis							
JORGE UGAN						602	610						
Item Number	Sample Number	Date	Time	Ground Water	Surface Water	Soil	Other (specify)								COMMENTS
1	EXC PIT 1			✓				3	3						
2	EXC PIT 2			✓				1		1					

Person Responsible for Sample	Transfer Number	Item Number	Transfers Relinquished by:	Accepted by:	Date	Time
WILFRED	1		[signature]	[signature]	7/17/91	1:45
Remarks:	2					
	3					
	4					

TABLE I

Monitor Well No.	Date Sampled	Benzene ug/l	Toluene ug/l	Ethyl Benzene ug/l	Total Xylenes ug/l	Total VOA ug/l	MTBE ug/l	EDB ug/l	Lead mg/l
MW-1	12/17/92	BDL	530 0	1,720 0	9,470 0	11,720 0	BDL	BDL	0 022
MW-2	12/17/92	7 0	13 0	215 0	661 0	896 0	BDL	BDL	0 008
MW-3	12/17/92	728 0	15 0	91 0	BDL	834 0	895 0	BDL	0 007
MW-4	12/17/92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-5	12/17/92	1 7	BDL	1 1	BDL	2 8	BDL	BDL	BDL
MW-6	12/17/92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-7	12/17/92	BDL	3,100 0	1,900 0	10,800 0	15,800 0	BDL	BDL	0 017
MW-8	12/17/92	129 0	6 0	13 0	37 0	185 0	275 0	BDL	BDL
DW-1	12/17/92	0 9	2 8	6 1	78 1	87 9	21 5	BDL	BDL

ug/l = Micrograms/Liter

mg/l = Milligrams/Liter

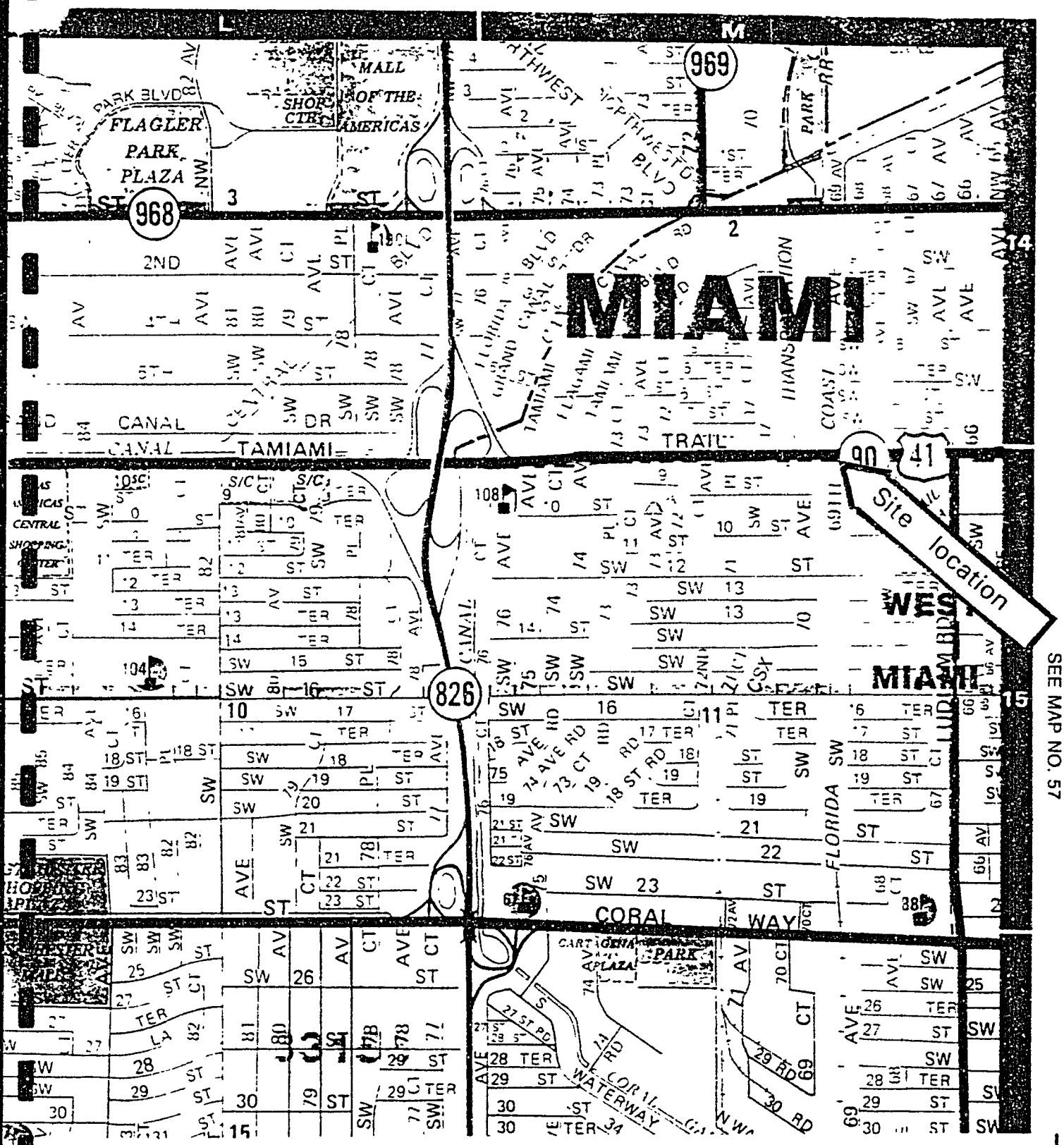
BDL = Below Detection Limit

TABLE 2

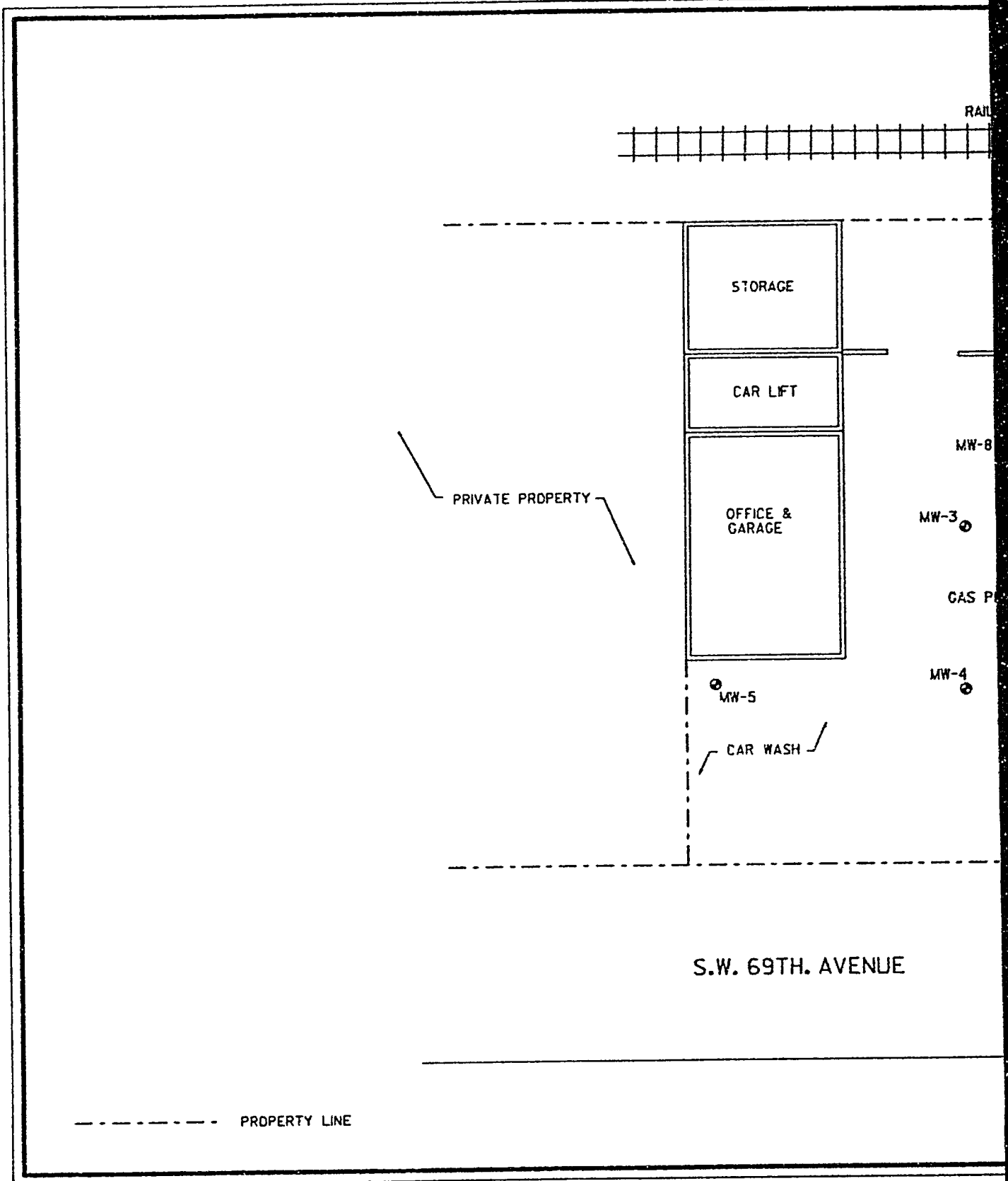
Soil Boring No	Date of Sample	Sample Number	Depth of Sample (ft)	OVA Readings (ppm)
SB-5	12/9/92	1	0' - 2'	0
		2	2' - 4'	0
		3	4' - 6'	0
SB-6	12/9/92	1	0' - 2'	0
		2	2' - 4'	0
		3	4' - 6'	0
SB-7	12/9/92	1	0' - 2'	0
		2	2' - 4'	0
		3	4' - 6'	0
SB-8	12/9/92	1	0' - 2'	0
		2	2' - 4'	0
		3	4' - 6'	0
SB-9	12/9/92	1	0' - 2'	0
		2	2' - 4'	0
		3	4' - 6'	0
SB-10	12/9/92	1	0' - 2'	
		2	2' - 4'	0
		3	4' - 6'	0
SB-11	12/9/92	1	0' - 2'	0
		2	2' - 4'	0
		3	4' - 6'	1

TABLE 3

MONITORING WELL NO.	DATE OF READING	ELEVATION OF MONITORING WELL	DEPTH TO WATER	DEPTH OF GROUNDWATER
MW-1	12/17/92	10 28	6 15	4 13
MW-2	12/17/92	10 52	6 28	4 24
MW-3	12/17/92	10 13	6 36	3 77
MW-4	12/17/92	8 88	6 02	2 86
MW-5	12/17/92	9 90	6 66	3 24
MW-6	12/17/92	10 75	5 86	4 89
MW-7	12/17/92	9 21	6 08	3 13
MW-8	12/17/92	9 50		



PETRO HYDRO, INC. 7355 N.W. 41ST. STREET MIAMI, FLORIDA 33316	SITE VICINITY MAP ADRIAN SERVICE STATION 6900 S.W. 8TH. STREET MIAMI, DADE COUNTY FLORIDA	FIGURE 1



PETRO HYDRO, INC.

7355 N.W. 41ST. STREET
MIAMI, FLORIDA 33166

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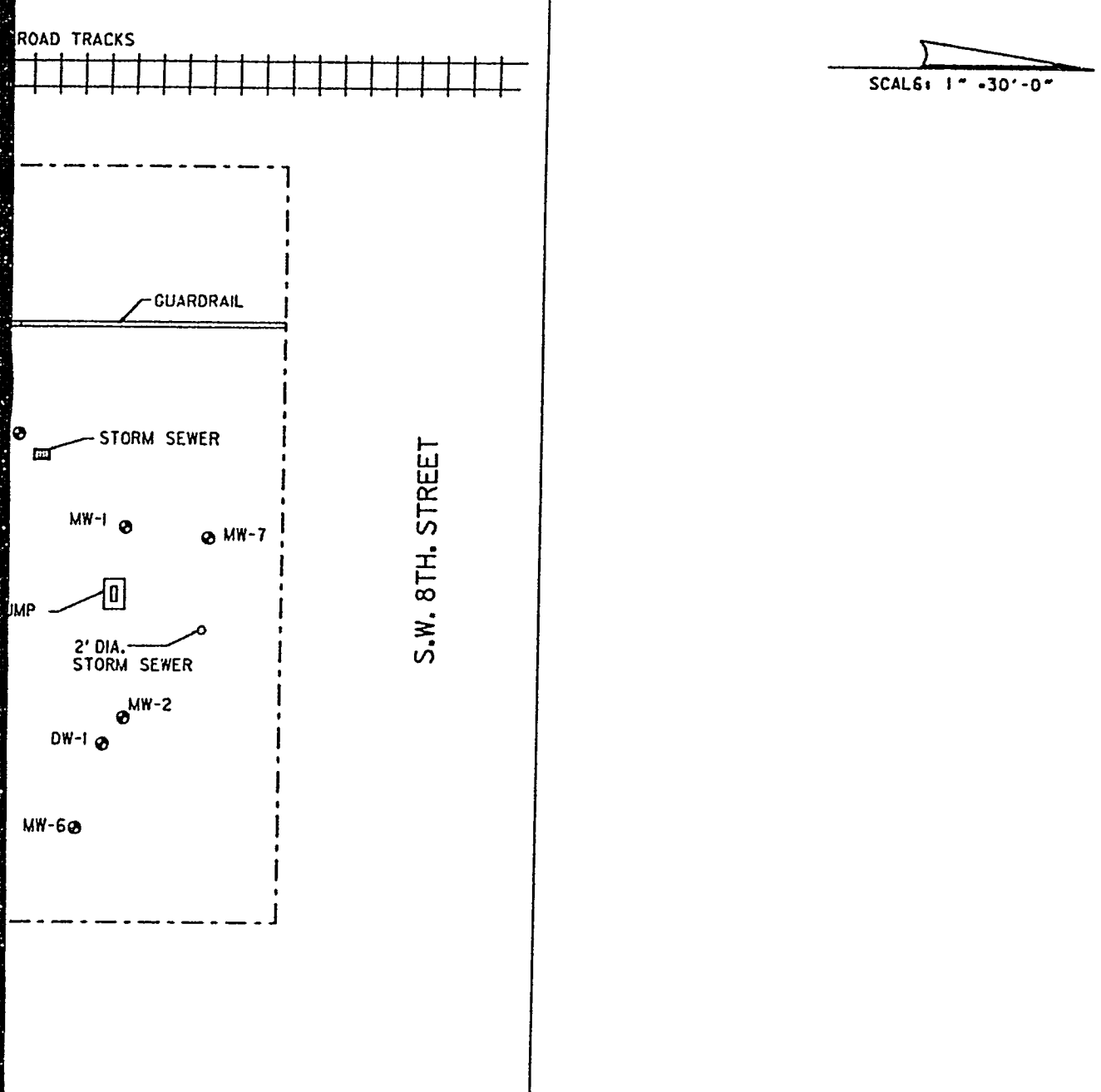

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SITE MAP-LOCATION OF MONITOR WELLS

FIGURE
2

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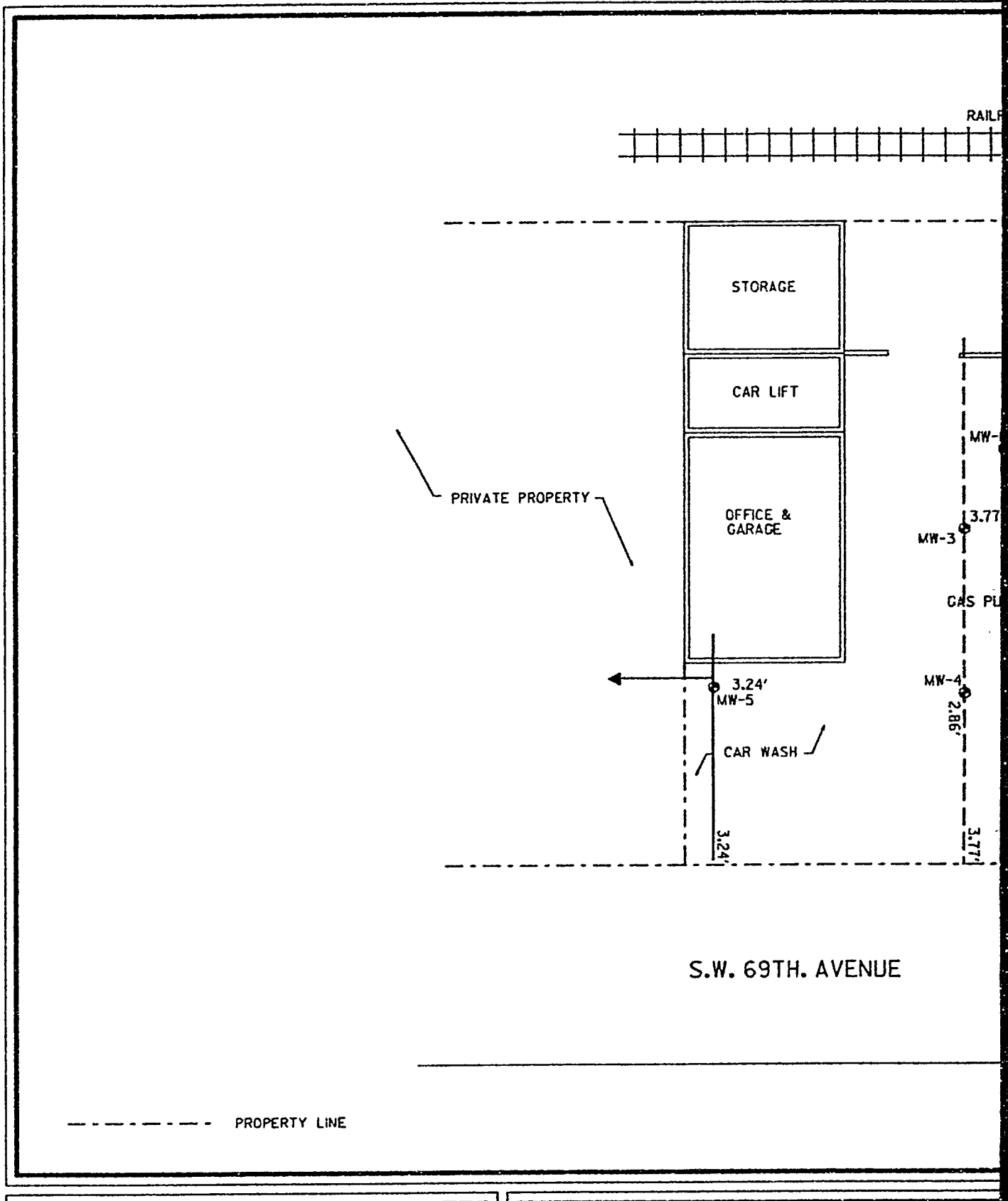

PETRO HYDRO, INC.
7355 N.W. 41ST. STREET
MIAMI, FLORIDA 3336

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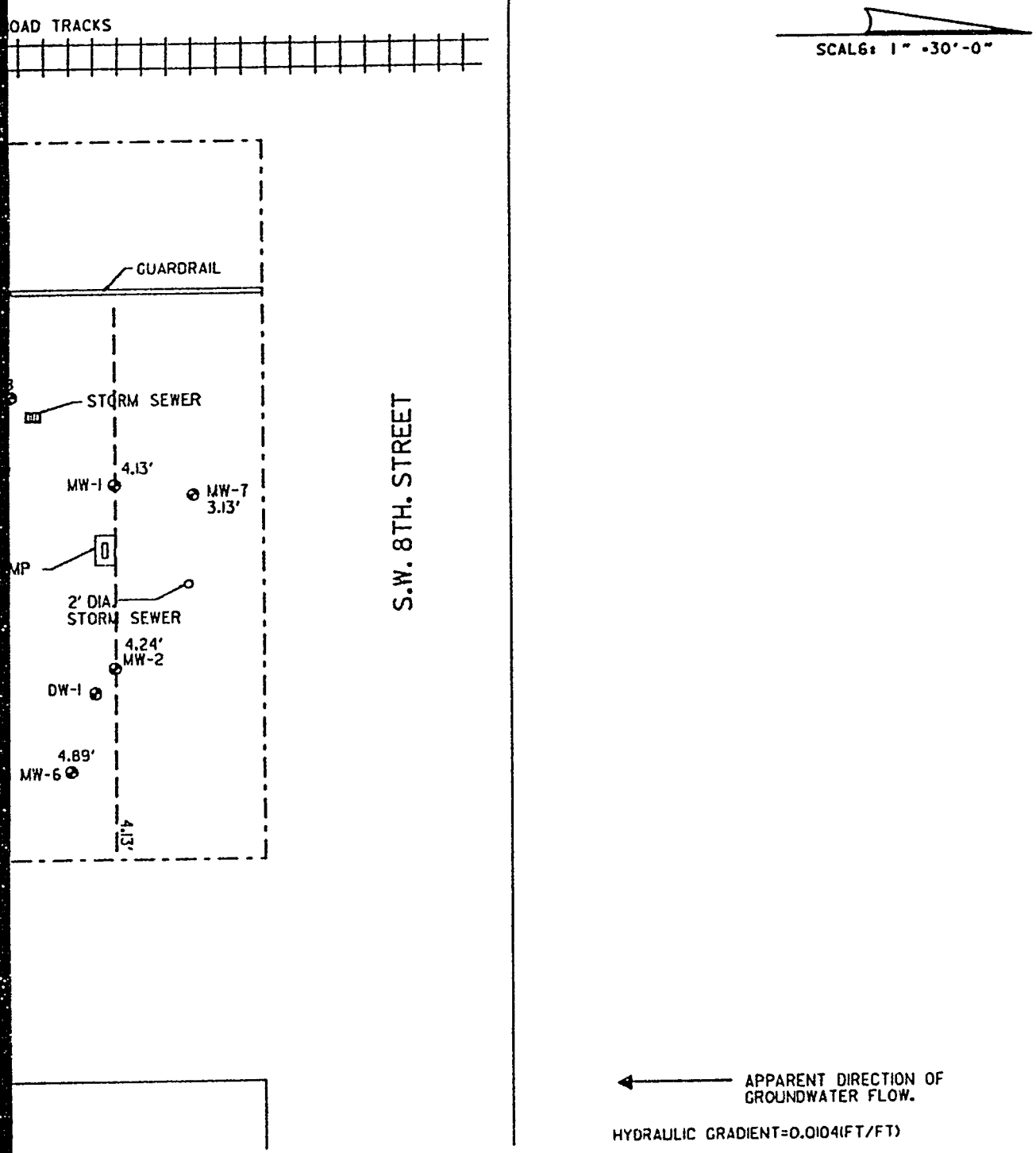
MIAMI, DADE COUNTY FL



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GROUNDWATER ELEVATIONS

FIGURE
3

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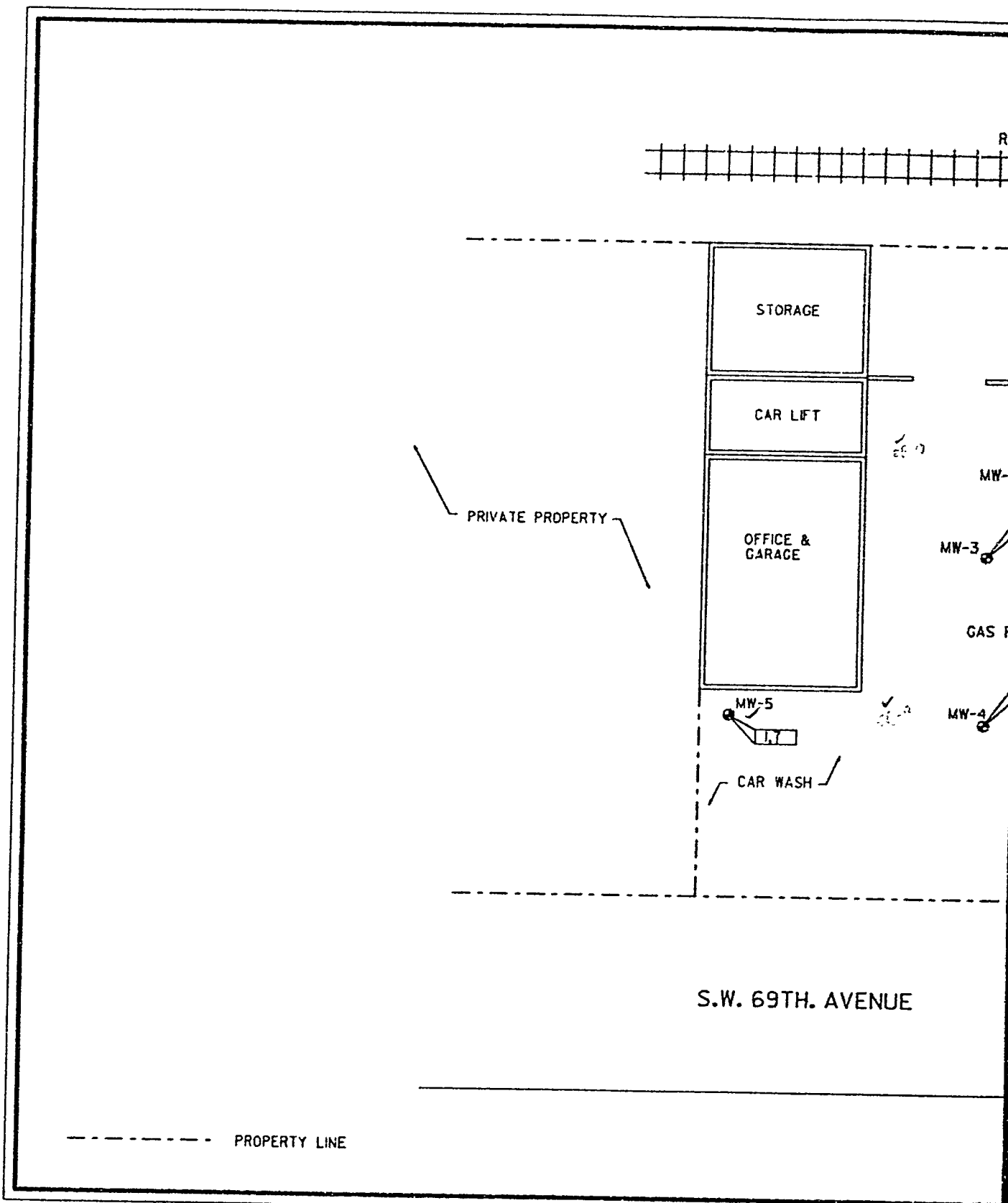

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7355 N.W. 41ST. STREET
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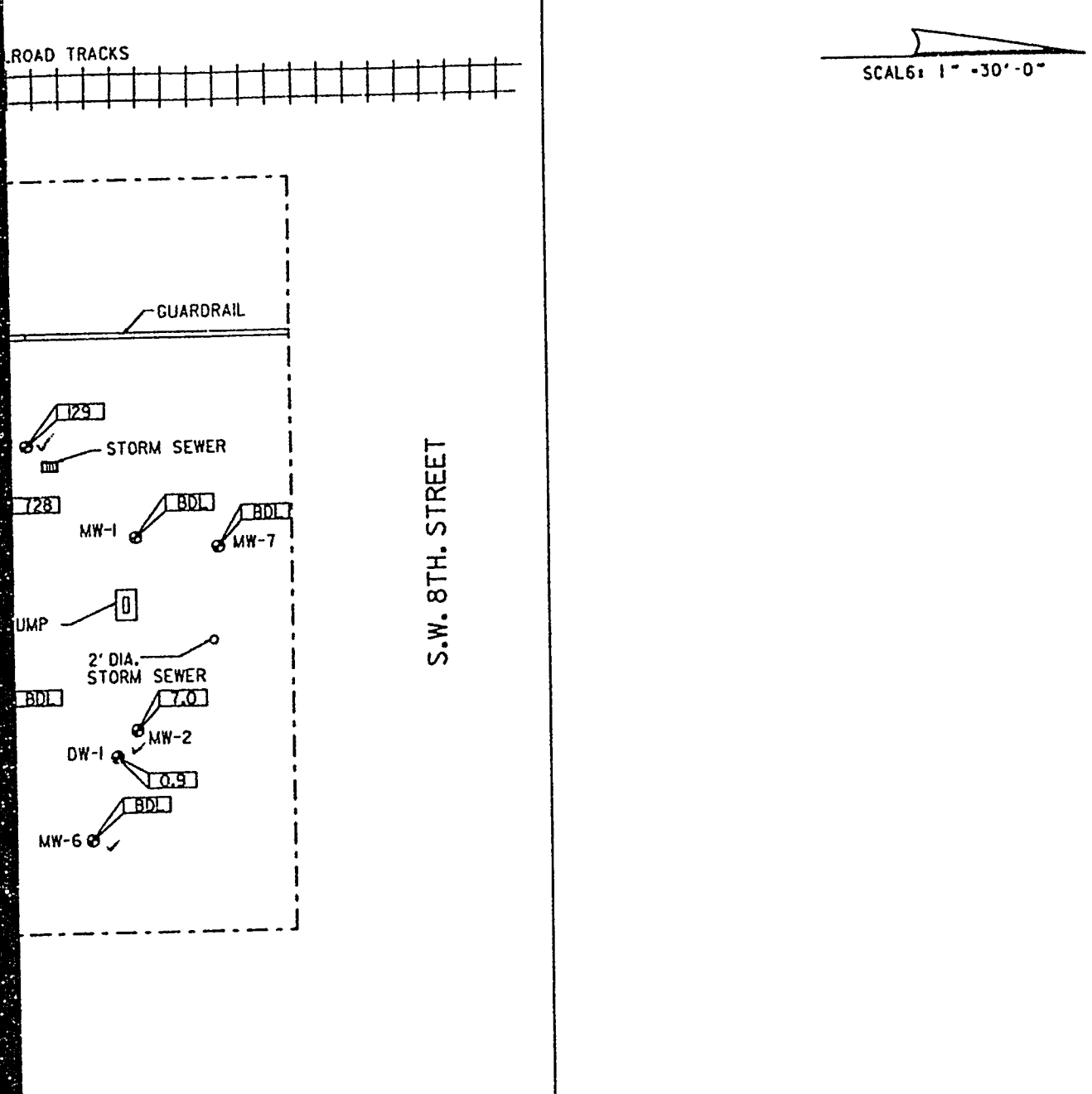

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BENZENE DISTRIBUTION MAP

FIGURE
4

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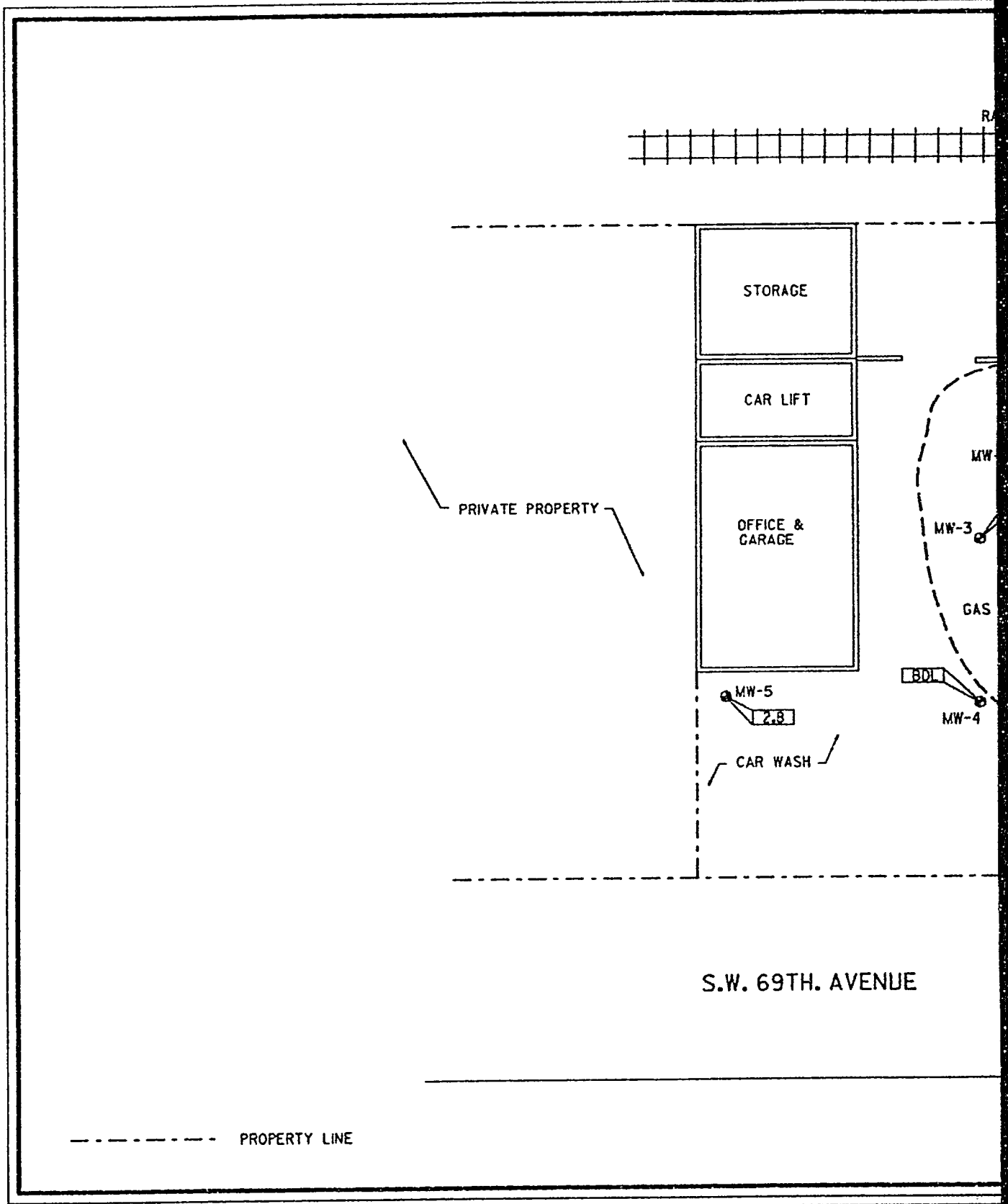

PETRO HYDRO, INC.
7355 N.W. 41ST. STREET
MIAMI, FLORIDA 3336

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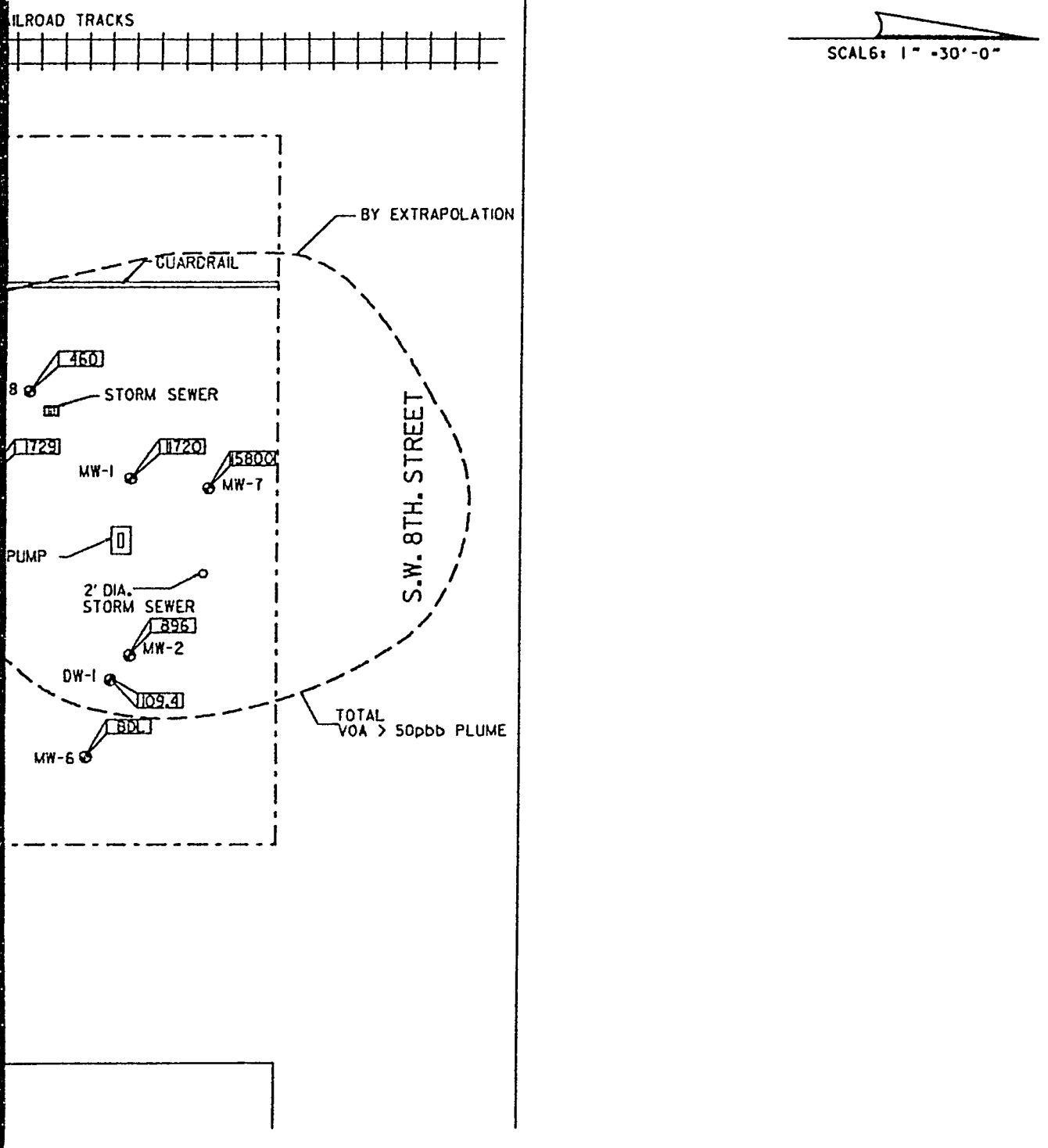
6900 S.W. 8TH. STR
MIAMI, DADE COUNTY FL



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TOTAL VOA PLUME

FIGURE
5

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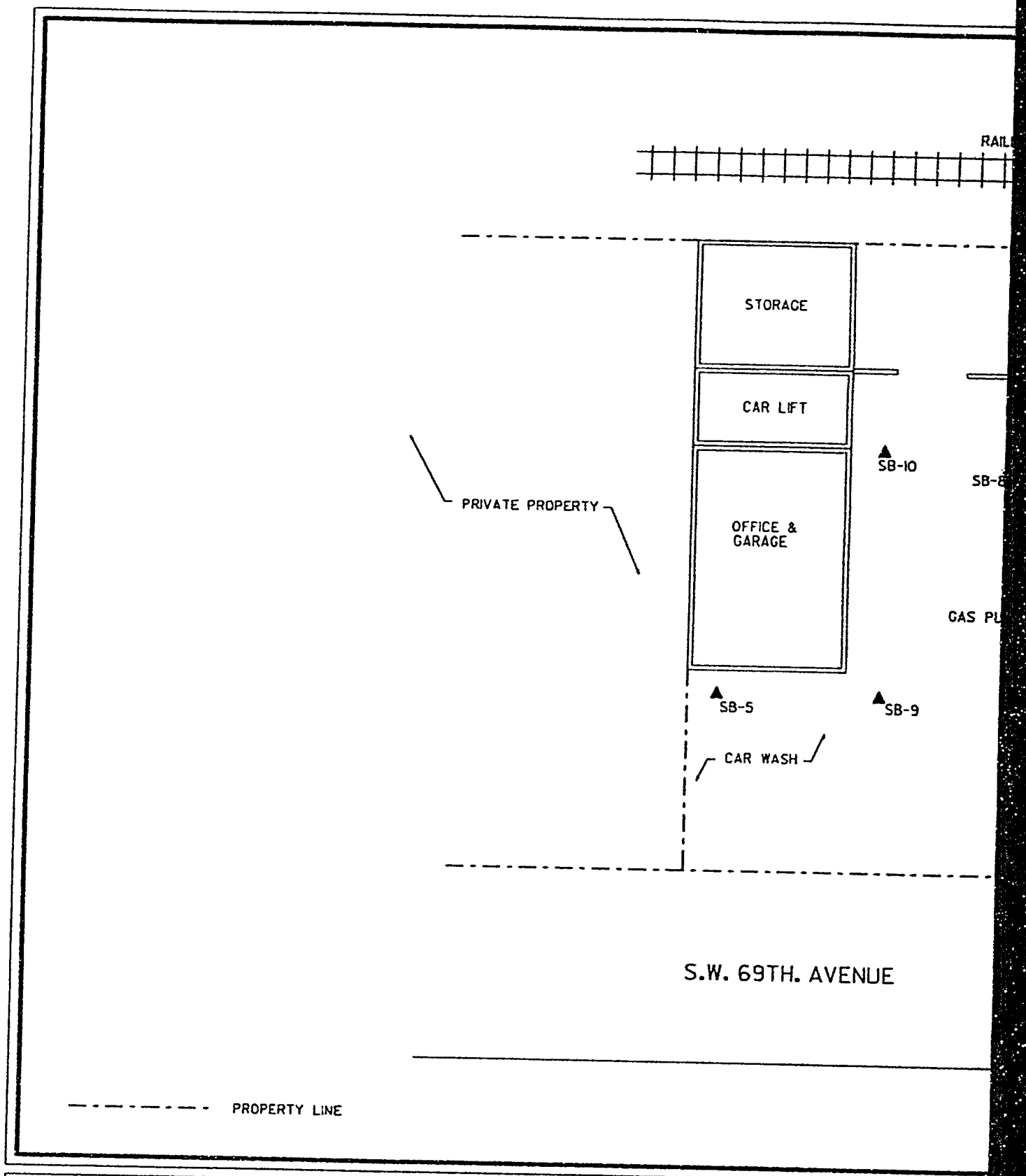

PETRO HYDRO, INC.
7355 N.W. 41ST. STREET
MIAMI, FLORIDA 33166

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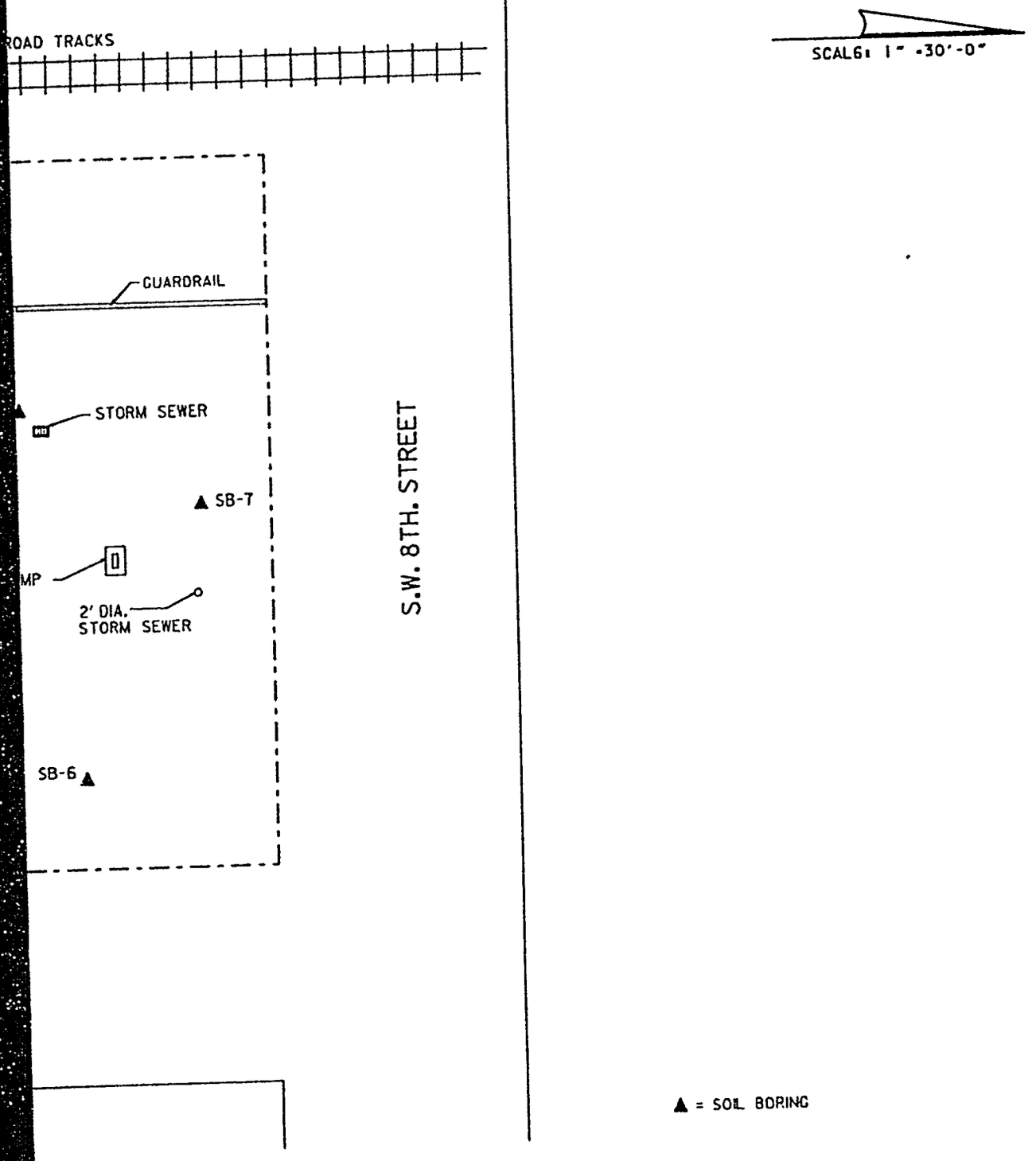
MIAMI, DADE COUNTY FL



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MAP OF SOIL BORINGS

FIGURE
6

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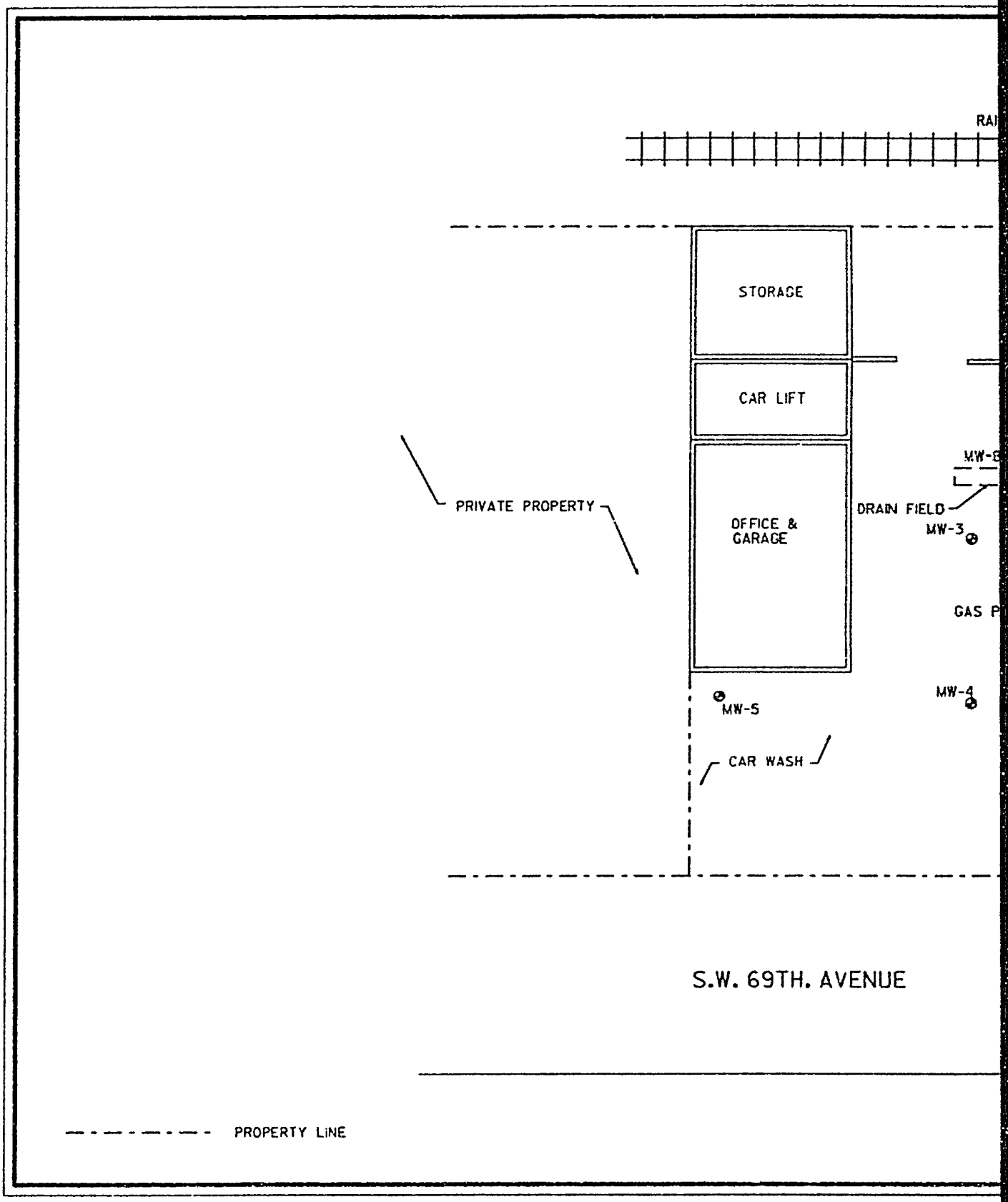

PETRO HYDRO, INC.
7355 N.W. 41ST. STREET
MIAMI, FLORIDA 33166

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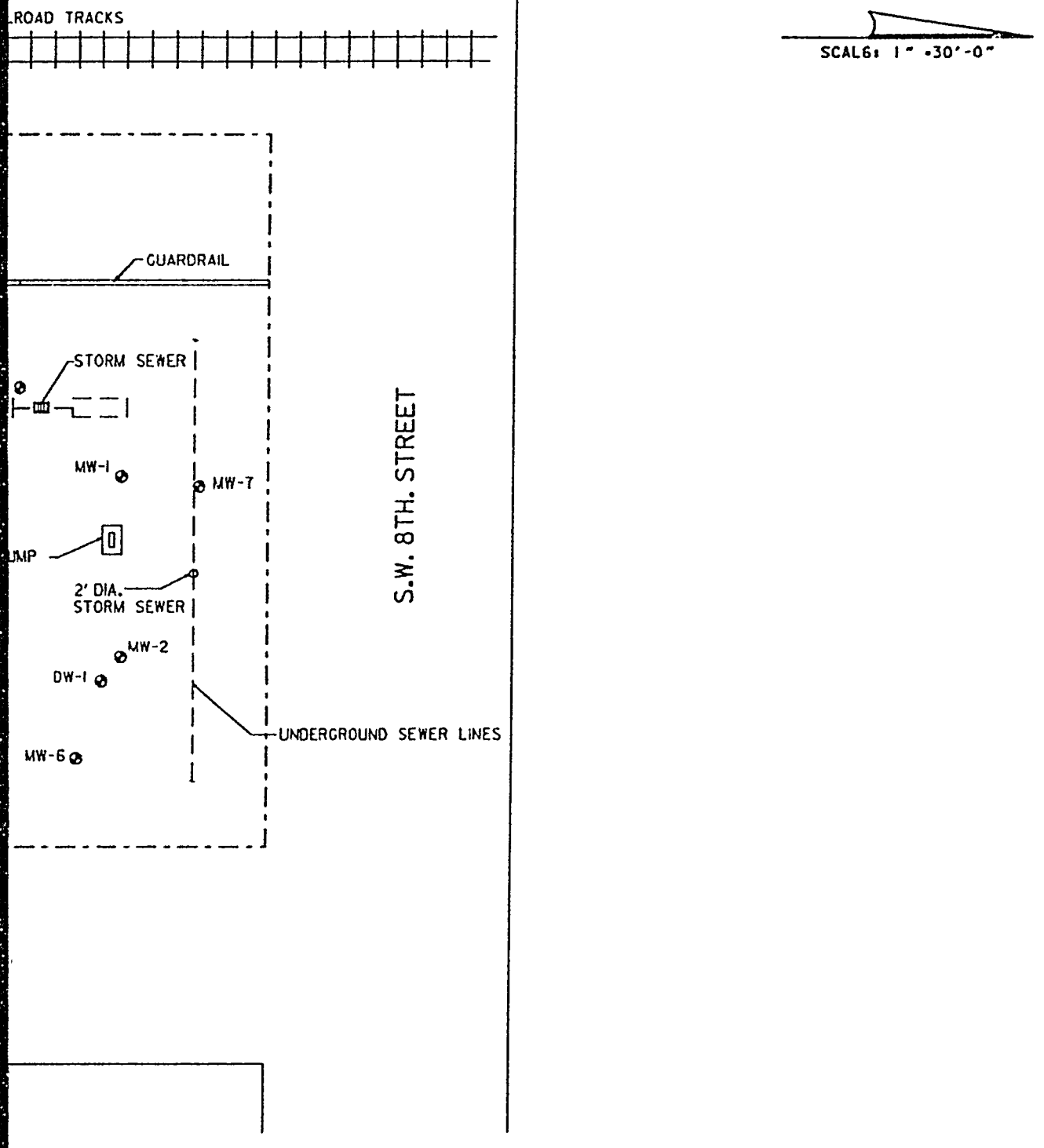
MIAMI, DADE COUNTY FL



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RIDA

LOCATION OF UNDERGROUND UTILITIES

FIGURE
7

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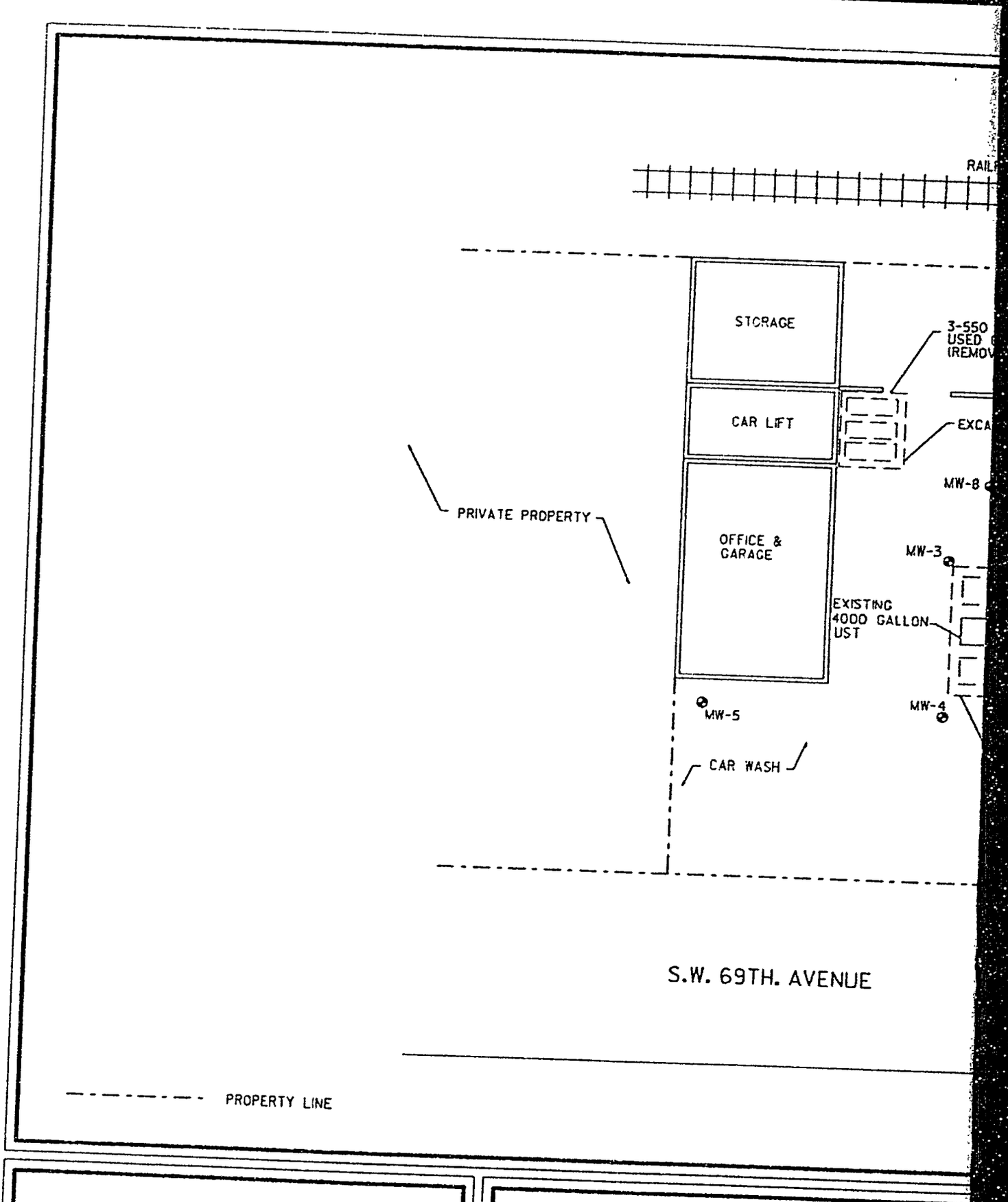
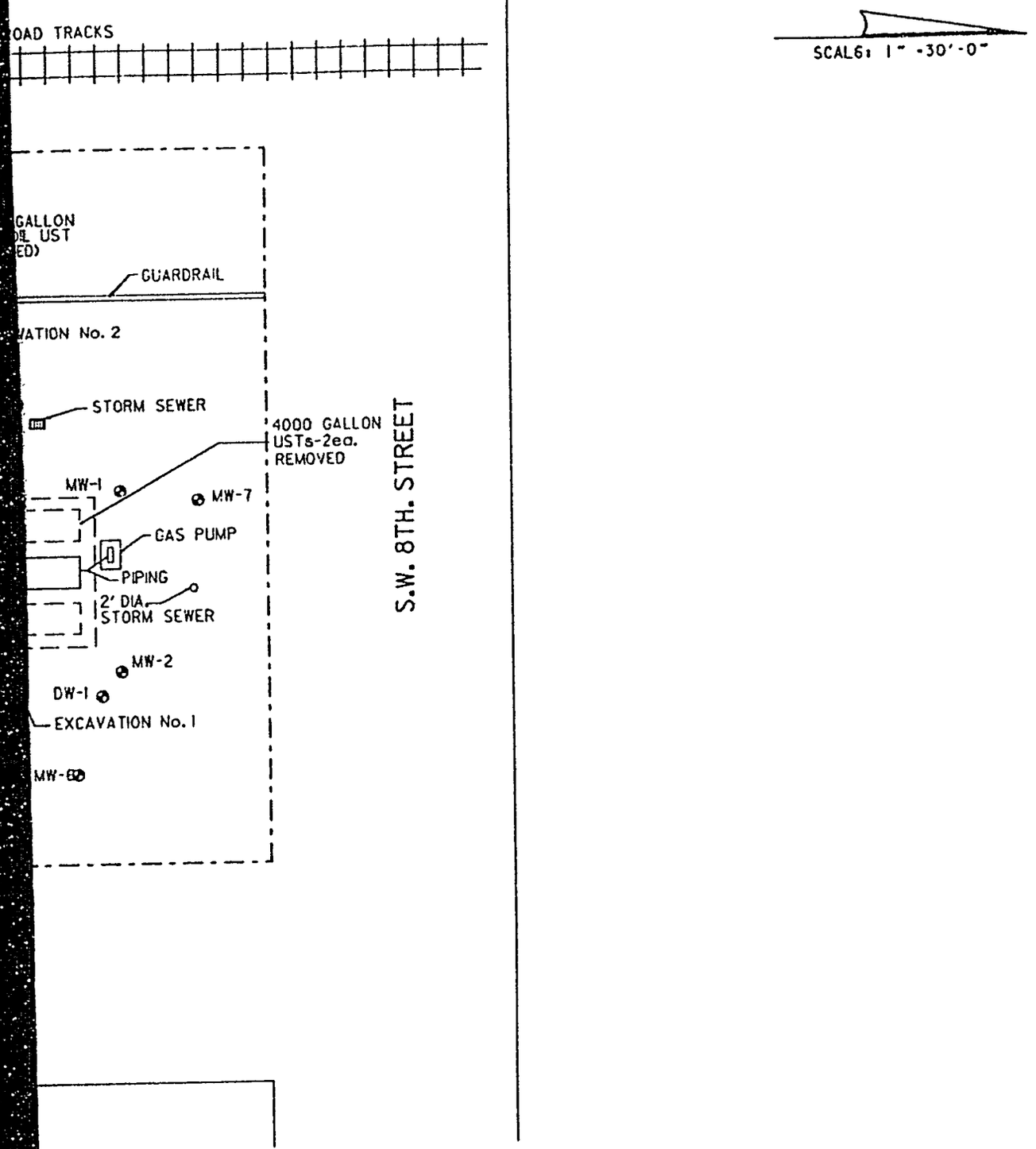


PETRO HYDRO, INC.
7355 N.W. 41ST. STREET
MIAMI, FLORIDA 33166

ADRIAN SERVICE STATIO
6900 S.W. 8TH. STREE
MIAMI, DADE COUNTY FLO



IDA

SITE MAP-LOCATION OF UST & PIPING

FIGURE
8

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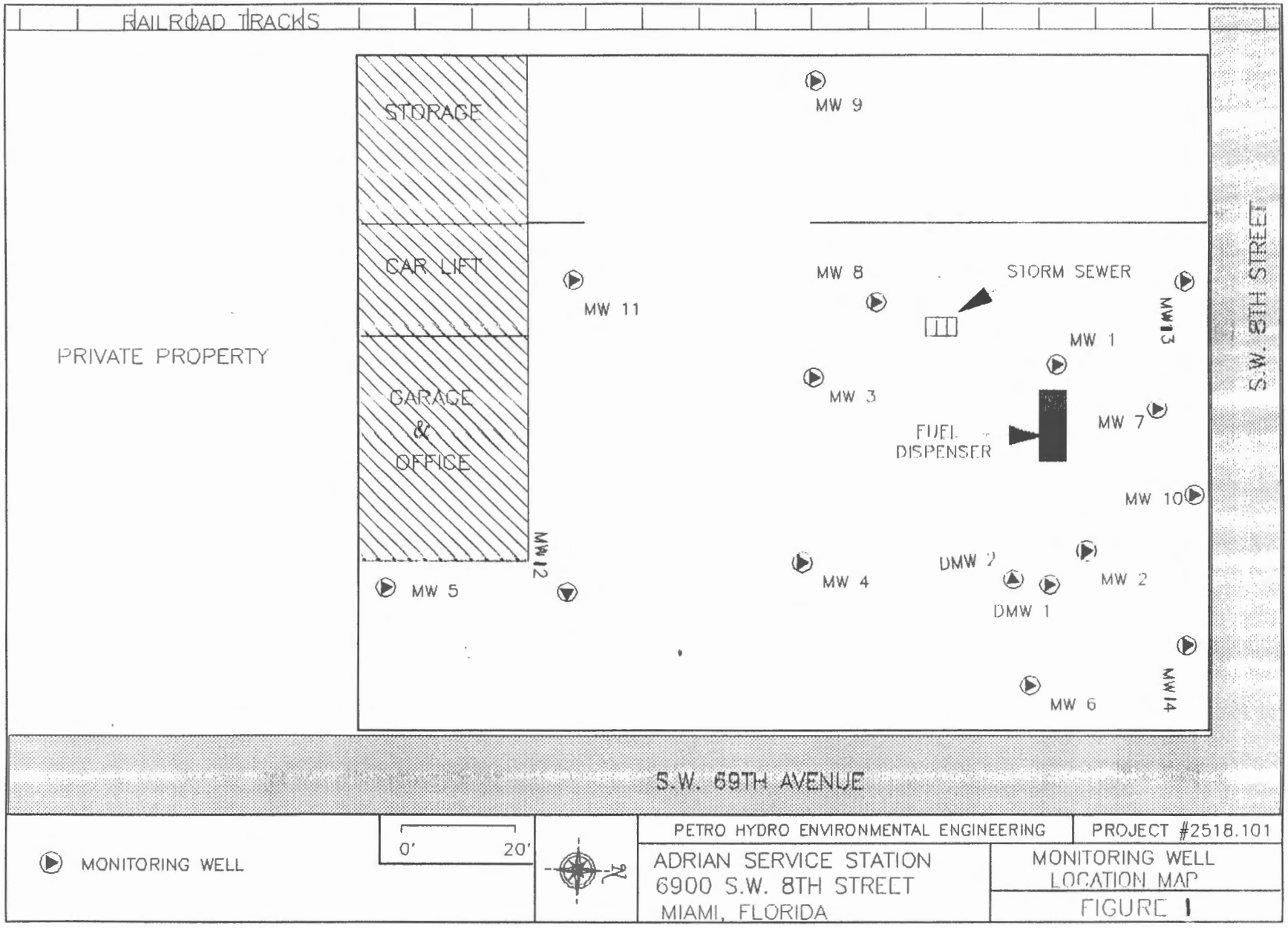
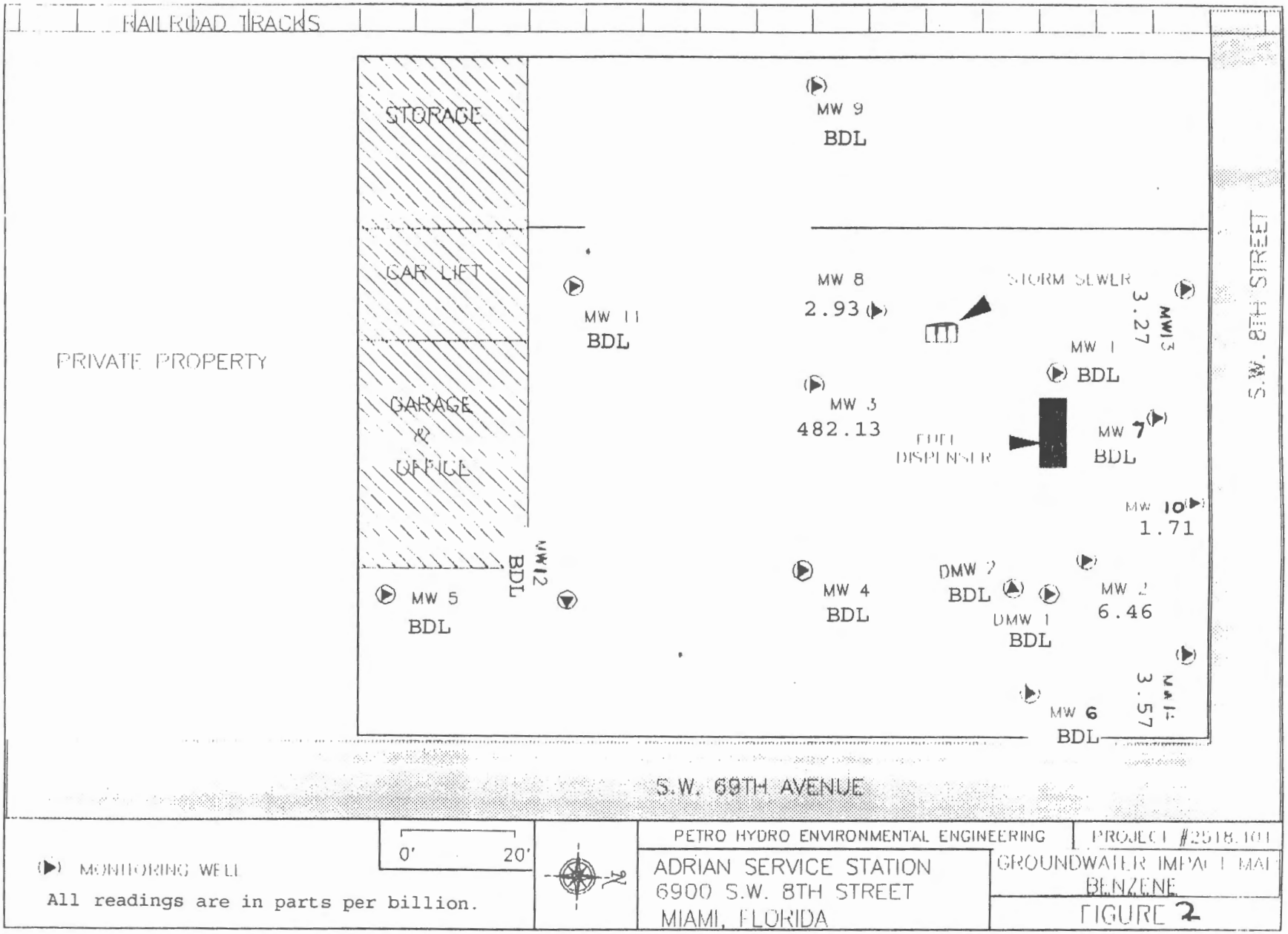
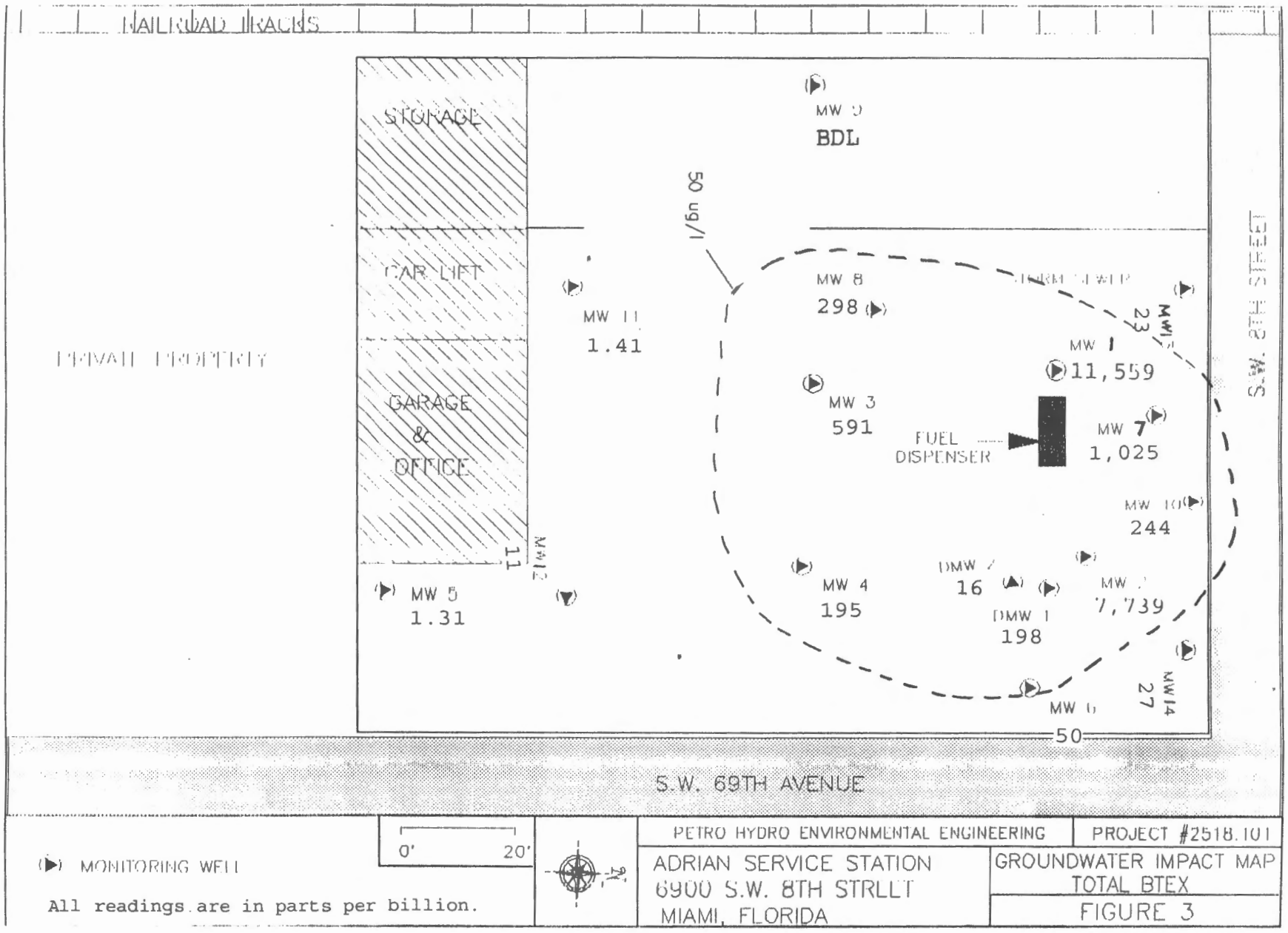
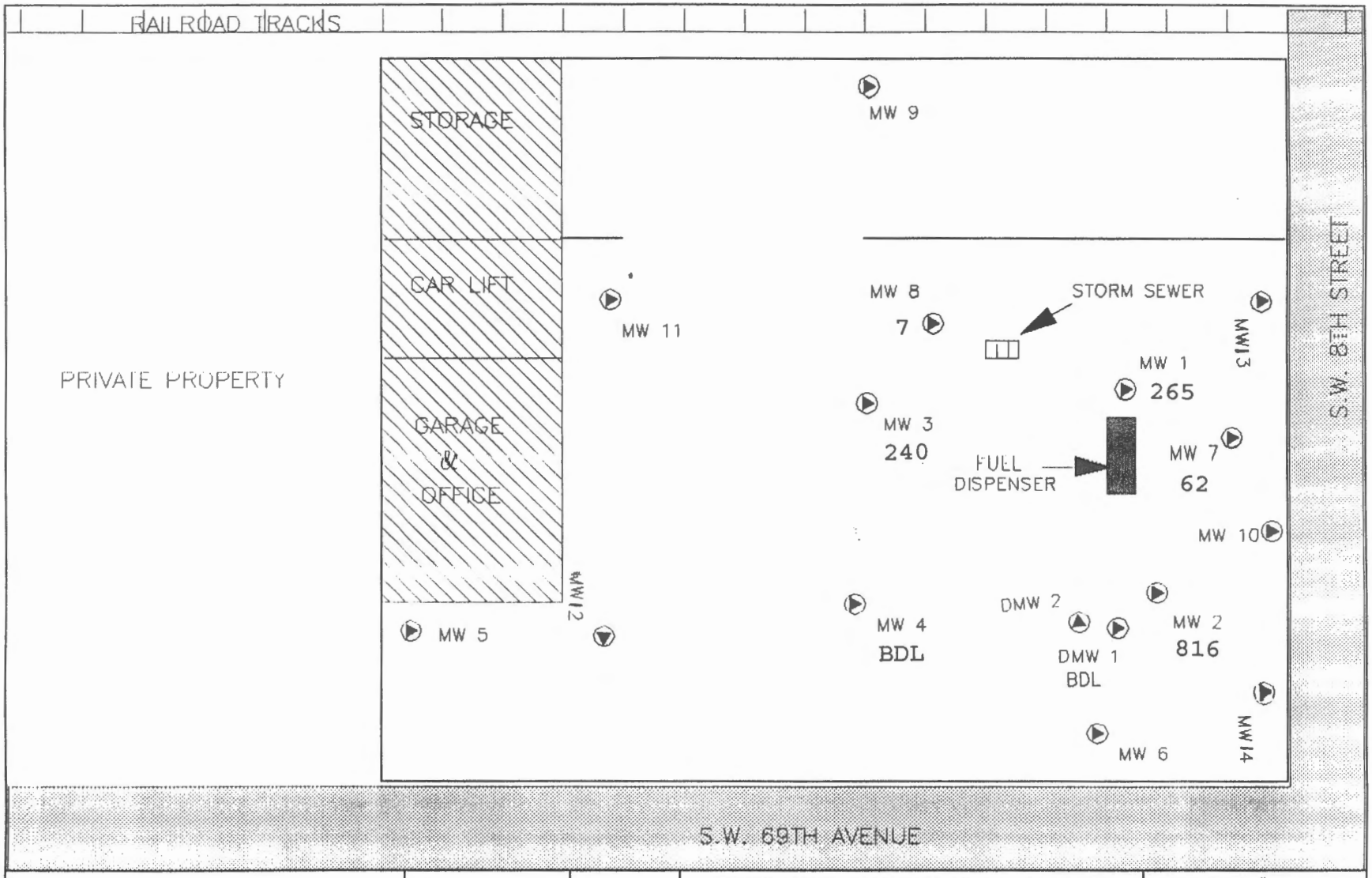
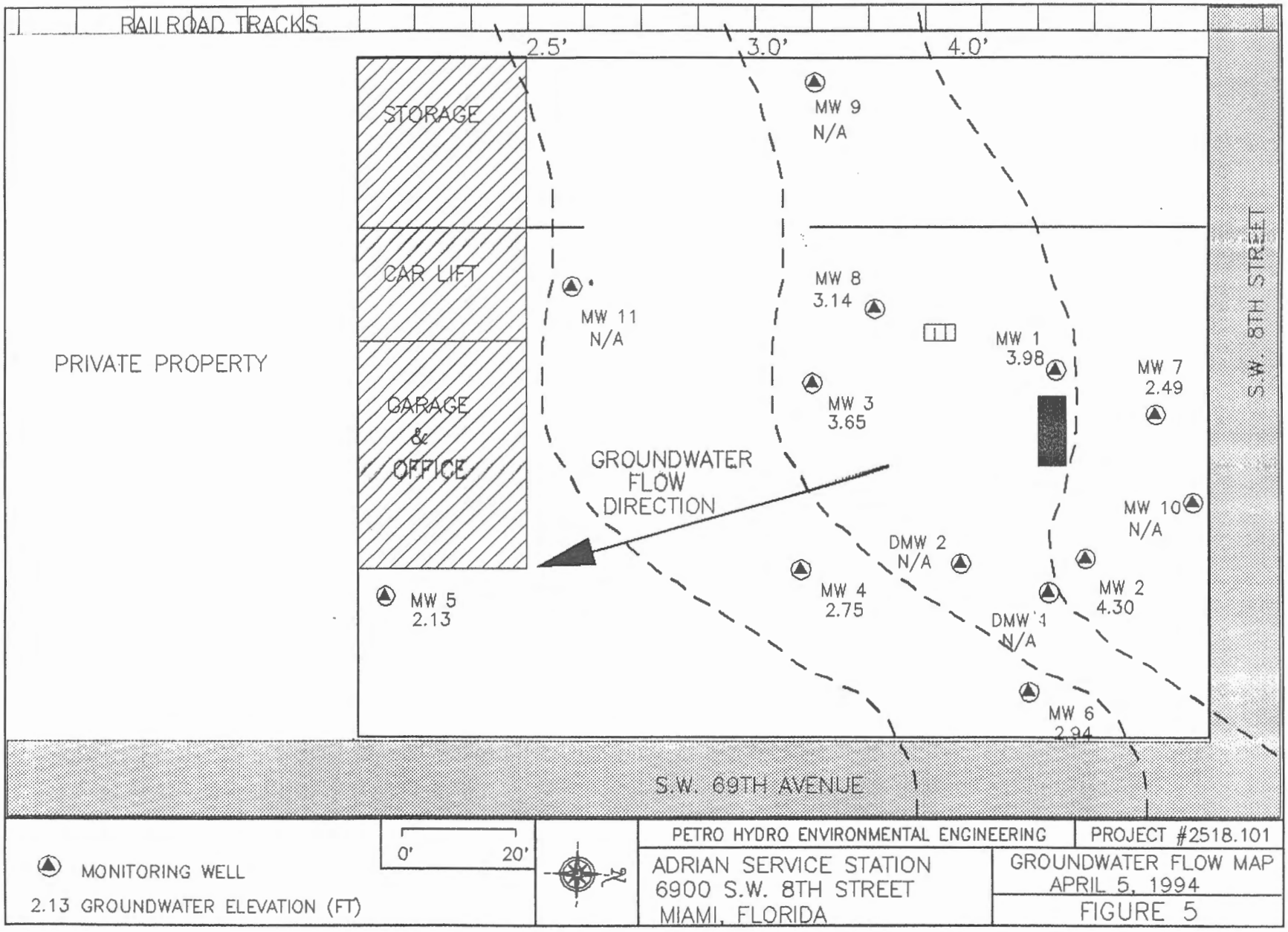
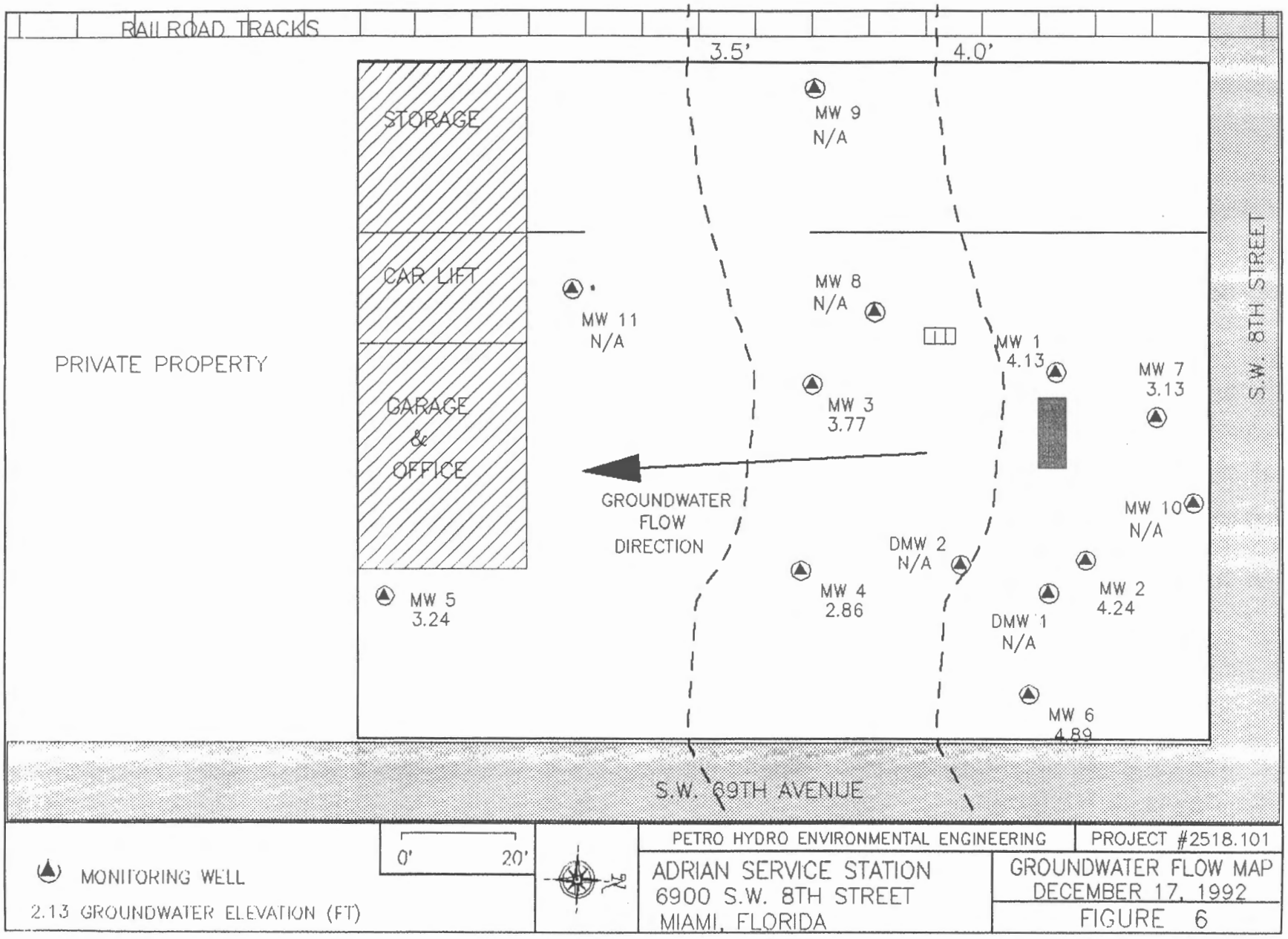

RAILROAD TRACKS
STORAGE
CAR LIFT
GARAGE & OFFICE
PRIVATE PROPERTY
MW 9
MW 11
MW 8
STORM SEWER
MW 13
MW 1
MW 3
MW 7
FUEL DISPENSER
MW 10
MW 12
MW 5
MW 4
DMW 2
MW 2
DMW 1
MW 6
MW 14
S.W. 8TH STREET
S.W. 69TH AVENUE
MONITORING WELL
0'
20'
N
PETRO HYDRO ENVIRONMENTAL ENGINEERING
PROJECT #2518.101
ADRIAN SERVICE STATION
6900 S.W. 8TH STREET
MIAMI, FLORIDA
MONITORING WELL LOCATION MAP
FIGURE 1


RAILROAD TRACKS
STORAGE
CAR LIFT
GARAGE & OFFICE
PRIVATE PROPERTY
MW 9
BDL
MW 8
2.93
MW 11
BDL
STORM SEWER
MW13
3.27
MW 1
BDL
MW 3
482.13
FDFT DISPENSER
MW 7
BDL
MW 10
1.71
MW12
BDL
MW 5
BDL
MW 4
BDL
DMW 2
BDL
DMW 1
BDL
MW 2
6.46
MW11
3.57
MW 6
BDL
S.W. 8TH STREET
S.W. 69TH AVENUE
MONITORING WELL
All readings are in parts per billion.
0'
20'
N
PETRO HYDRO ENVIRONMENTAL ENGINEERING
PROJECT #2518.101
ADRIAN SERVICE STATION
6900 S.W. 8TH STREET
MIAMI, FLORIDA
GROUNDWATER IMPACT MAP
BENZENE
FIGURE 2


RAILROAD TRACKS
STORAGE
CAR LIFT
GARAGE & OFFICE
PRIVATE PROPERTY
MW 9
BDL
50 ug/l
MW 11
1.41
MW 8
298
MW 1
11,559
MW 3
591
FUEL DISPENSER
MW 7
1,025
MW 10
244
MW 12
MW 5
1.31
MW 4
195
DMW 2
16
DMW 1
198
MW 2
7,739
MW 6
MW 13
23
MW 14
27
50
S.W. 69TH AVENUE
S.W. 8TH STREET
MONITORING WELL
All readings are in parts per billion.
0'
20'
PETRO HYDRO ENVIRONMENTAL ENGINEERING
PROJECT #2518.101
ADRIAN SERVICE STATION
6900 S.W. 8TH STRLLT
MIAMI, FLORIDA
GROUNDWATER IMPACT MAP
TOTAL BTEX
FIGURE 3


RAILROAD TRACKS
STORAGE
CAR LIFT
GARAGE & OFFICE
PRIVATE PROPERTY
MW 9
MW 11
MW 8
7
STORM SEWER
MW13
MW 1
265
MW 3
240
FUEL DISPENSER
MW 7
62
MW 10
MW12
MW 5
MW 4
BDL
DMW 2
DMW 1
BDL
MW 2
816
MW 6
MW14
S.W. 8TH STREET
S.W. 69TH AVENUE
MONITORING WELL
All readings are in parts per billion.
0'
20'
N
PETRO HYDRO ENVIRONMENTAL ENGINEERING
PROJECT #2518.101
ADRIAN SERVICE STATION
6900 S.W. 8TH STREET
MIAMI, FLORIDA
GROUNDWATER IMPACT MAP
TOTAL NAPHTHALENES
FIGURE 4


RAILROAD TRACKS
2.5'
3.0'
4.0'
STORAGE
CAR LIFT
GARAGE & OFFICE
PRIVATE PROPERTY
MW 9
N/A
MW 8
3.14
MW 11
N/A
MW 1
3.98
MW 7
2.49
MW 3
3.65
GROUNDWATER FLOW DIRECTION
MW 10
N/A
DMW 2
N/A
MW 4
2.75
MW 2
4.30
DMW 1
N/A
MW 5
2.13
MW 6
2.94
S.W. 8TH STREET
S.W. 69TH AVENUE
MONITORING WELL
2.13 GROUNDWATER ELEVATION (FT)
0'
20'
N
PETRO HYDRO ENVIRONMENTAL ENGINEERING
PROJECT #2518.101
ADRIAN SERVICE STATION
6900 S.W. 8TH STREET
MIAMI, FLORIDA
GROUNDWATER FLOW MAP
APRIL 5, 1994
FIGURE 5


RAILROAD TRACKS
3.5'
4.0'
STORAGE
CAR LIFT
GARAGE & OFFICE
PRIVATE PROPERTY
MW 9 N/A
MW 8 N/A
MW 11 N/A
MW 1 4.13
MW 7 3.13
MW 3 3.77
GROUNDWATER FLOW DIRECTION
MW 10 N/A
DMW 2 N/A
MW 4 2.86
MW 2 4.24
DMW 1 N/A
MW 5 3.24
MW 6 4.89
S.W. 8TH STREET
S.W. 69TH AVENUE
MONITORING WELL
2.13 GROUNDWATER ELEVATION (FT)
0'
20'
N
PETRO HYDRO ENVIRONMENTAL ENGINEERING
PROJECT #2518.101
ADRIAN SERVICE STATION
6900 S.W. 8TH STREET
MIAMI, FLORIDA
GROUNDWATER FLOW MAP
DECEMBER 17, 1992
FIGURE 6

APPENDIX C

Table 1

SOIL QUALITY ANALYSIS

Location	Depth	Unfiltered OVA Readings
MW 12	2′	<10
	4′	<10
	5′	<10
MW 13	2′	<10
	4′	<10
	5′	<10
MW 14	2′	<10
	4′	<10
	5′	<10

NOTE: All results are recorded in parts per million.

Table 2

GROUNDWATER QUALITY RESULTS

Date	MW	Benzene	Toluene	Ethyl Benzene	Xylenes	Total VOA	Total Naph.	Total Pah
11/02/94	12	BDL	1.10	1.92	8.32	11.37	*BDL	*BDL
11/02/94	13	3.27	5.99	2.35	10.91	22.52	--	--
11/02/94	14	3.57	8.34	3.06	12.51	27.48	--	--
11/02/94	DW1	--	--	--	--	--	BDL	BDL
11/02/94	3	--	--	--	--	--	240	BDL
05/02/94	DW2	BDL	BDL	4.26	11.7	15.96	--	--
11/21/94	1	--	--	--	--	--	265	BDL
11/21/94	2	--	--	--	--	--	816	BDL
11/21/94	4	--	--	--	--	--	BDL	BDL
11/21/94	7	--	--	--	--	--	62	BDL
11/21/94	8	--	--	--	--	--	7	BDL

Notes: All values are expressed in parts per billion.

*	=	Sample Date 11/21/94
BDL	=	Below detection limits
Total VOA	=	Volatile organic aromatics (summation of detected BTEX by EPA Method 602).
Naph.	=	Total Naphthalenes, EPA 610
PAH	=	Polynuclear aromatic hydrocarbons, EPA 610
--	=	Not analyzied

TABLE 3
SUMMARY OF GROUNDWATER ELEVATION SURVEY

MW NO.	SURVEY DATE	MONITORING WELL ELEVATION	GROUNDWATER DEPTH	GROUNDWATER ELEVATION
MW-1	12/17/92	10.28	6.15	4.13
MW-2	12/17/92	10.52	6.28	4.24
MW-3	12/17/92	10.13	6.36	3.77
MW-4	12/17/92	8.88	6.02	2.86
MW-5	12/17/92	9.90	6.66	3.24
MW-6	12/17/92	10.75	5.86	4.89
MW-7	12/17/92	9.21	6.08	3.13
MW-8	12/17/92	9.50	N/A	N/A
MW-1	4/05/94	10.28	6.30	3.98
MW-2	4/05/94	10.52	6.22	4.30
MW-3	4/05/94	10.13	6.48	3.65
MW-4	4/05/94	8.88	6.13	2.75
MW-5	4/05/94	8.88	6.75	2.13
MW-6	4/05/94	8.88	5.94	2.94
MW-7	4/05/94	8.88	6.39	2.49
MW-8	4/05/94	9.50	6.36	3.14

Table 4
Groundwater Level Measurements
November 21, 1994

Monitor Well	Depth to Water
1	5.00
2	4.89
3	5.12
4	4.87
5	5.52
6	4.71
7	4.94
8	5.06
9	5.31
10	5.09
11	5.13
12	5.32
13	5.27
14	5.31

NOTE: All groundwater measurements are expressed in feet.