MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

VOLUME II OF IV

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

OCTOBER 1994

BLASLAND, BOUCK & LEE, INC.
6723 TOWPATH ROAD, BOX 66
SYRACUSE, NEW YORK 13214

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY
FOR EAST STREET AREA 1/USEPA AREA 3

TABLE OF CONTENTS

VOLUME II OF IV

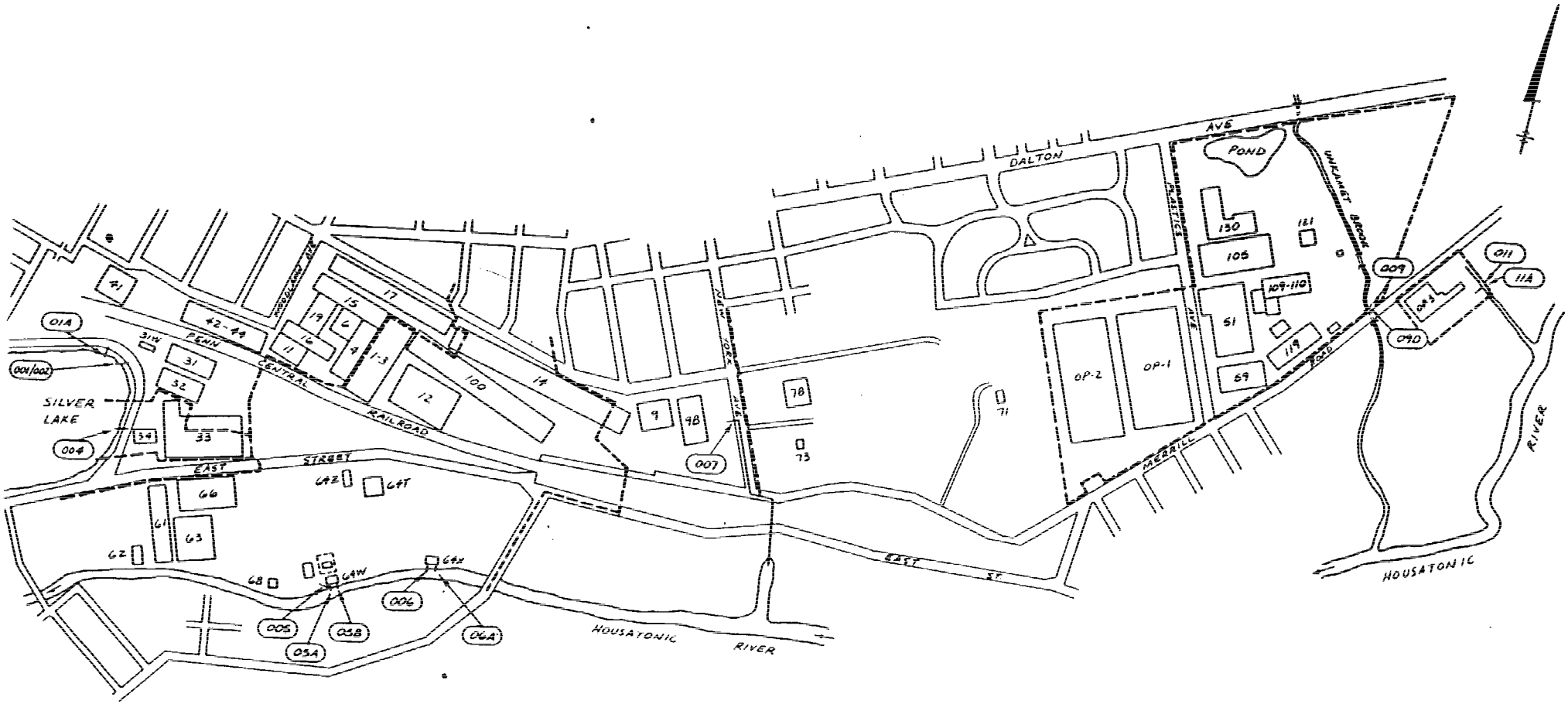
APPENDICES

Appendices

APPENDIX A

ILLUSTRATIONS OF STORMWATER COLLECTION SYSTEM

IN EAST STREET AREA 1/USEPA AREA 3



LEGEND

(006) NPDES Outfall

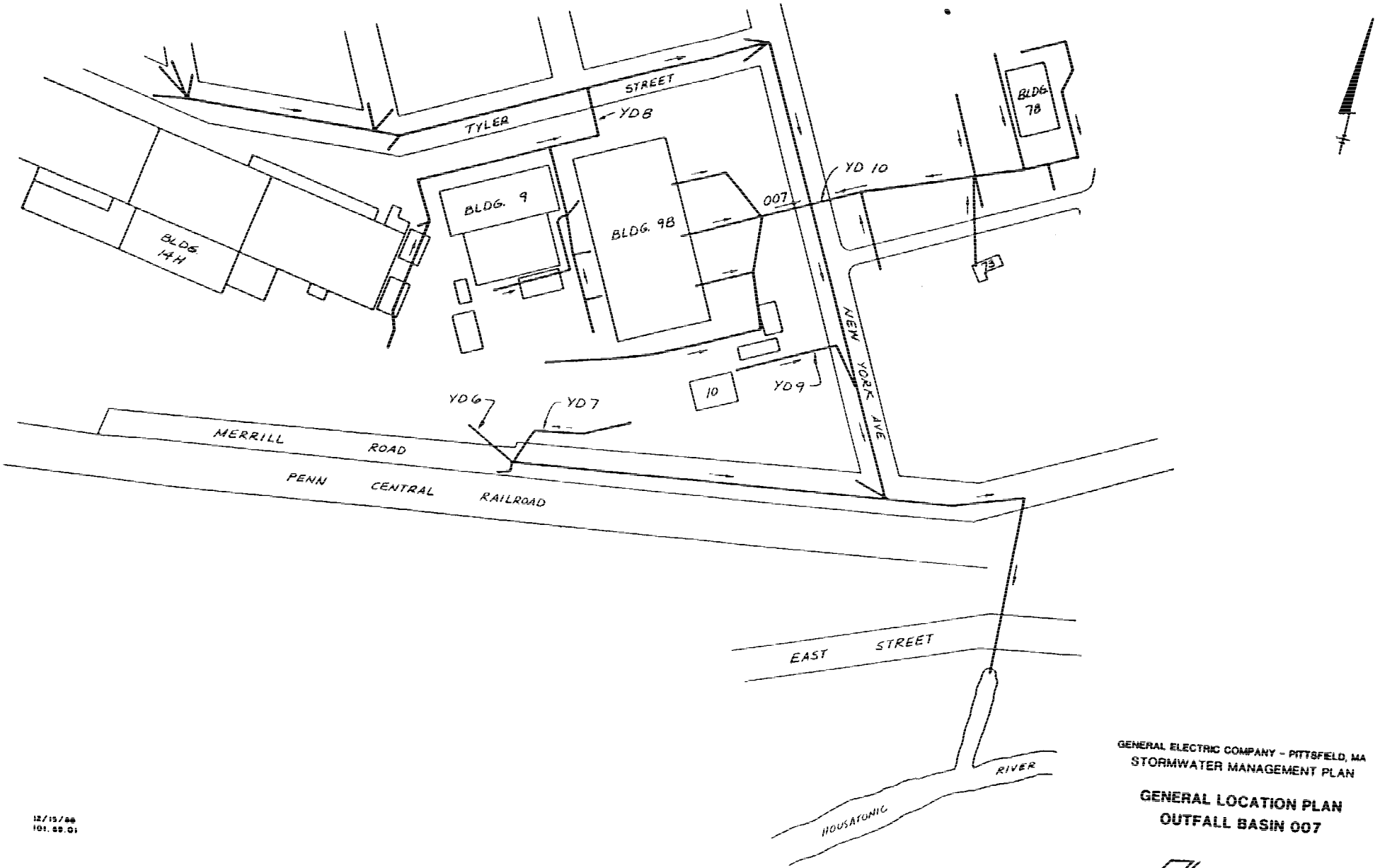
--- Stormwater Drainage Basin

SCALE

500' 0 500' 1000'

GENERAL ELECTRIC COMPANY - PITTSFIELD, MA
STORMWATER MANAGEMENT PLAN

GENERAL LOCATION PLAN



12/15/88
101.88.01

GENERAL ELECTRIC COMPANY - PITTSFIELD, MA
STORMWATER MANAGEMENT PLAN

GENERAL LOCATION PLAN
OUTFALL BASIN 007

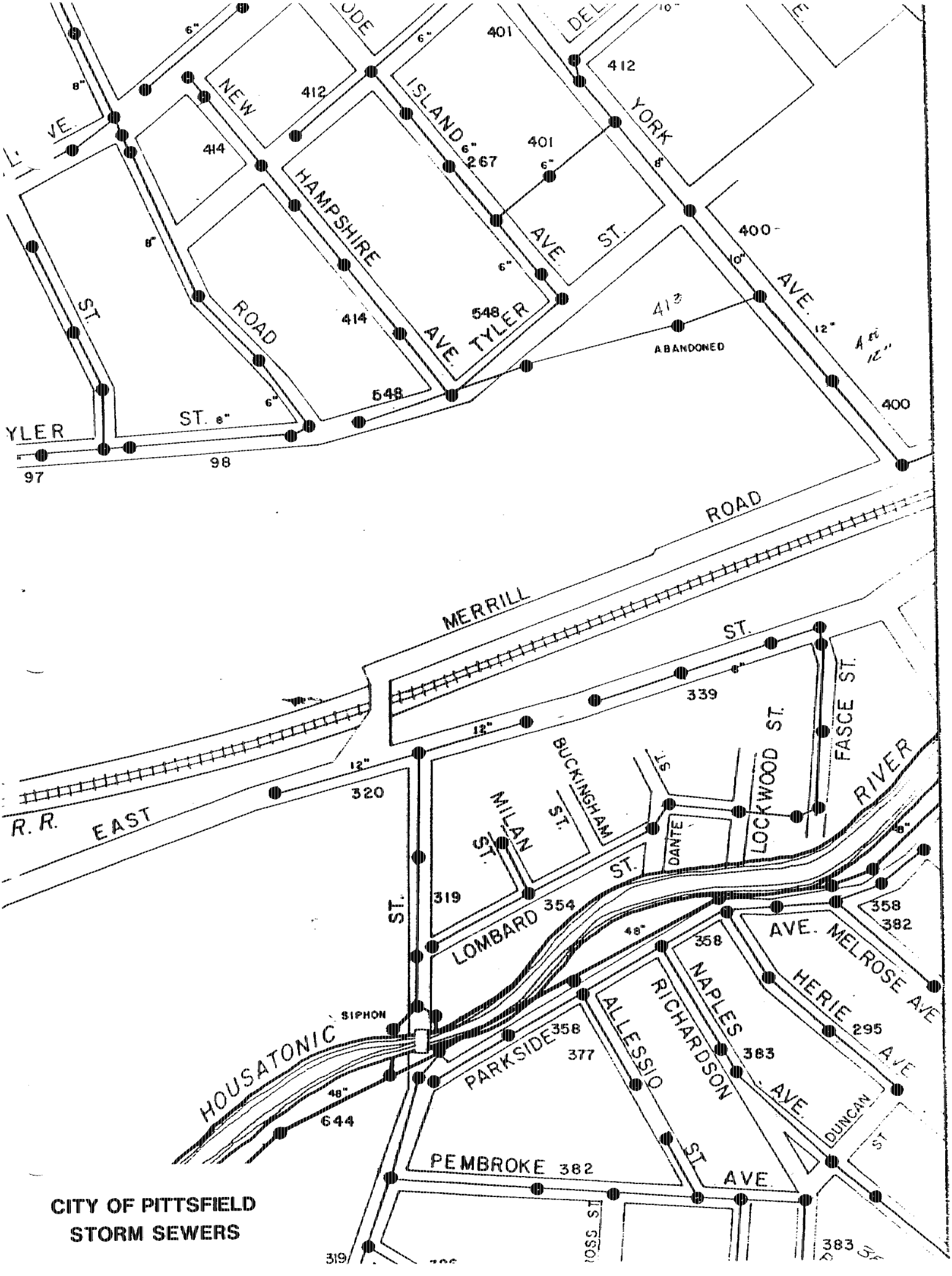
BLASLAND & BOUCK ENGINEERS, P.C.

APPENDIX B

SITE UTILITY MAPS

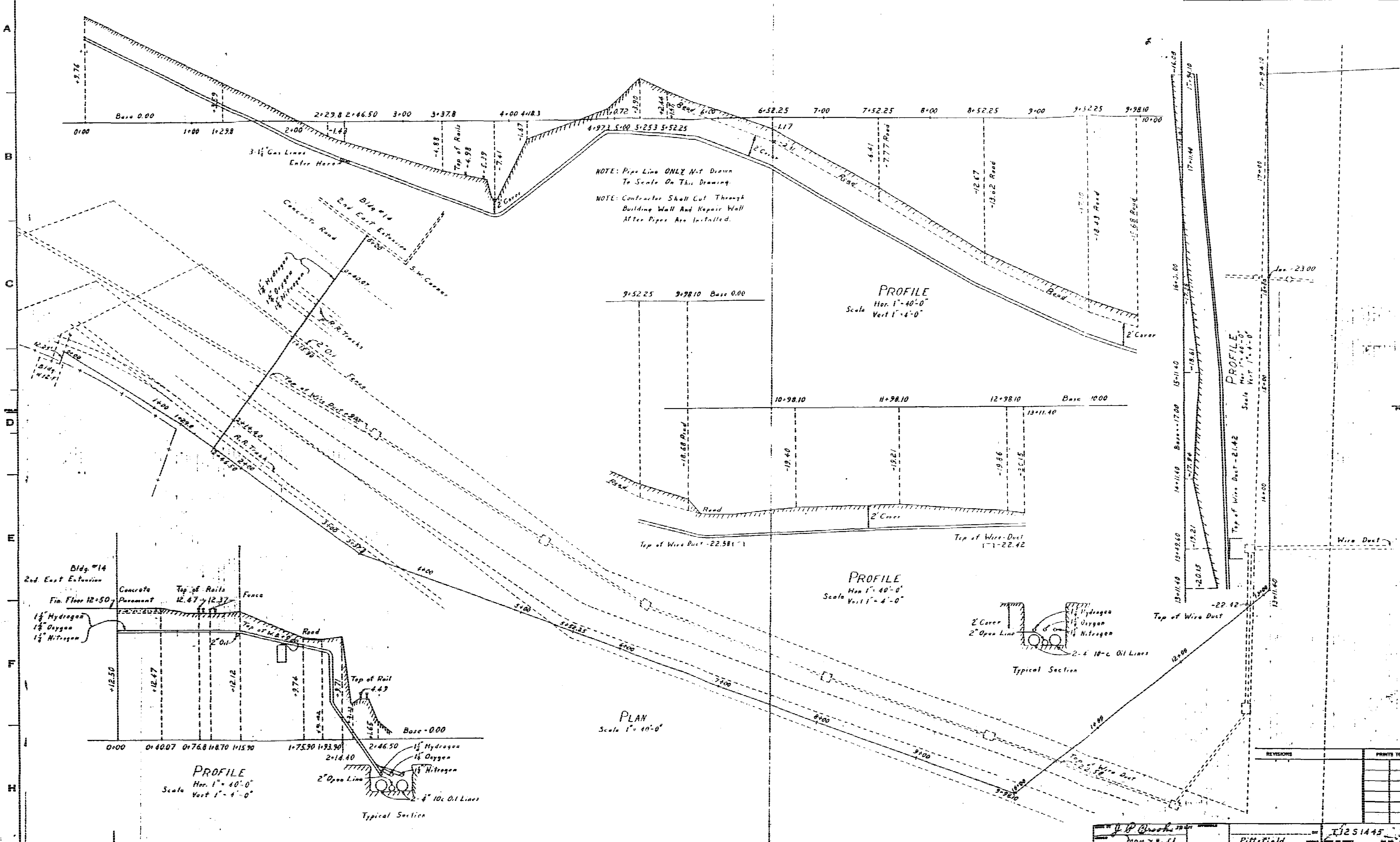
GE FACILITY DRAWINGS

CITY OF PITTSFIELD DRAWINGS



CITY OF PITTSFIELD
STORM SEWERS

T12S1445



PROFILE
Scale Hor. 1" = 40'-0" Vert 1" = 4'-0"
PLAN
Scale 1" = 40'-0"
Typical Section
NOTE: Pipe Line ONLY Not Drawn To Scale On This Drawing.
NOTE: Contractor Shall Cut Through Building Wall And Repair Wall After Pipes Are Installed.
3-1½" Gas Lines Enter Here
Base 0.00
Top of Rails
2" Cover
2" Open Line
2-4" 10-c Oil Lines
1½" Hydrogen
1½" Oxygen
1½" Nitrogen
Bldg. #14 2nd. East Extension
Fin. Floor 12.50
Concrete Pavement
Fence
Road
Top of Rail
R.R. Tracks
S.W. Corner
Concrete Road
Top of Wire Duct
Wire Duct

GENERAL ELECTRIC

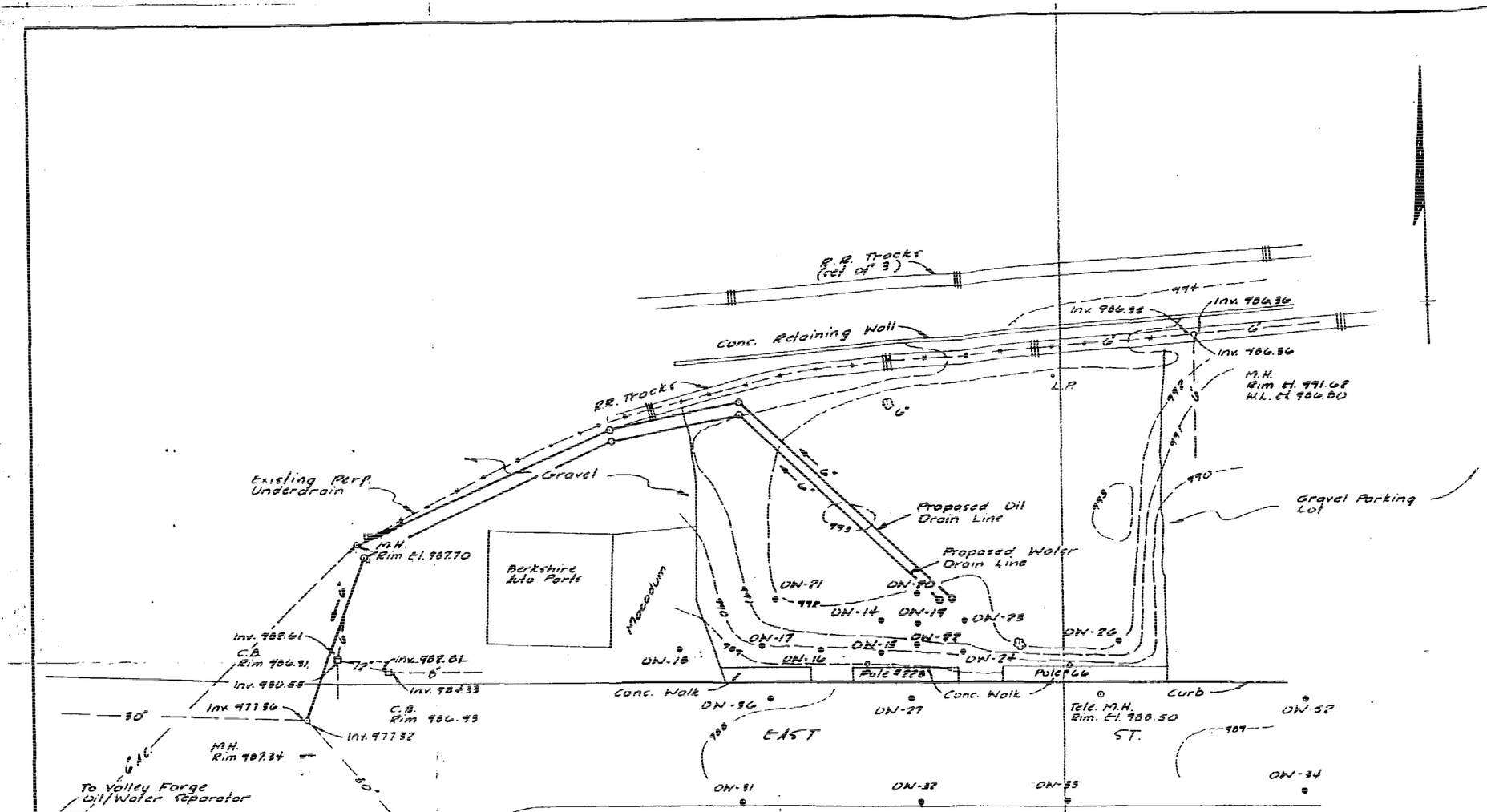
PIPE LINES FROM BLDG. #12-F TO BLDG. #1-A PLASTICS

STATION 0+00 - STATION 17+94.10

J. P. Brooks — May 4 51

Pittsfield — 733 A — T12S1445

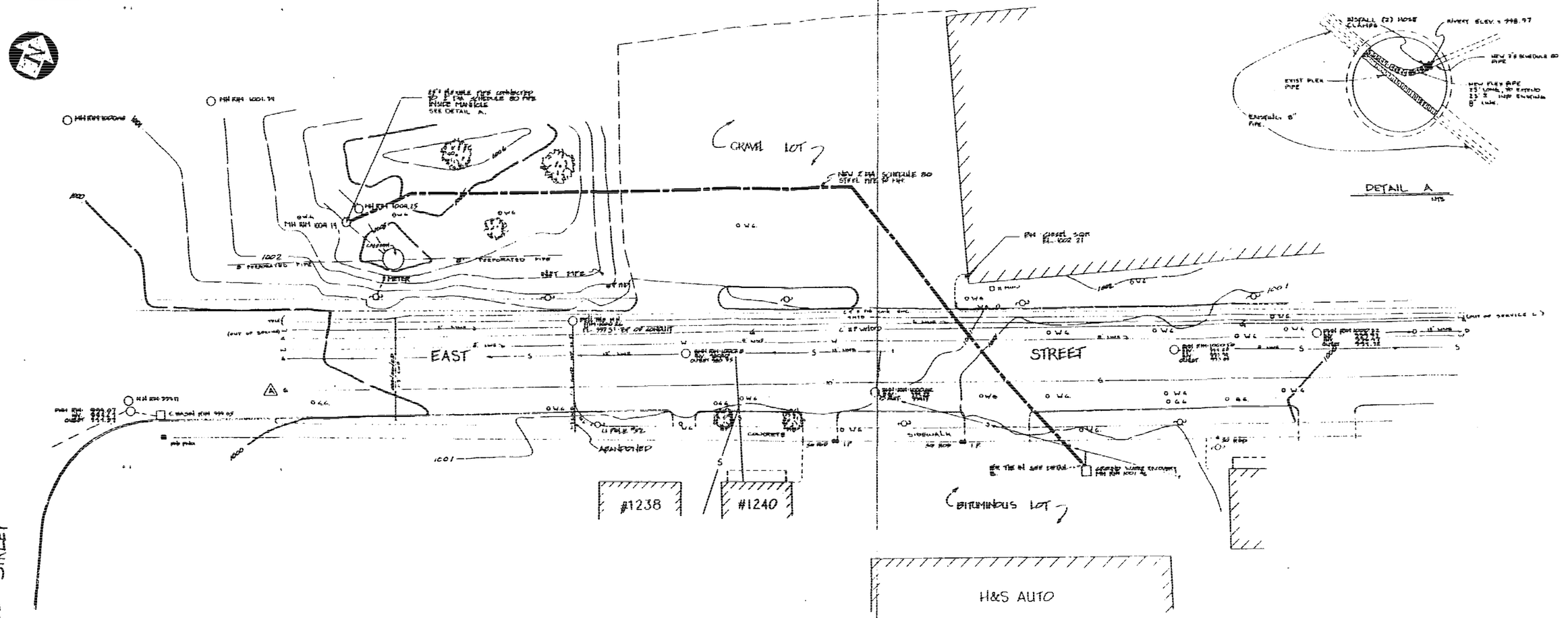
FE P11F2



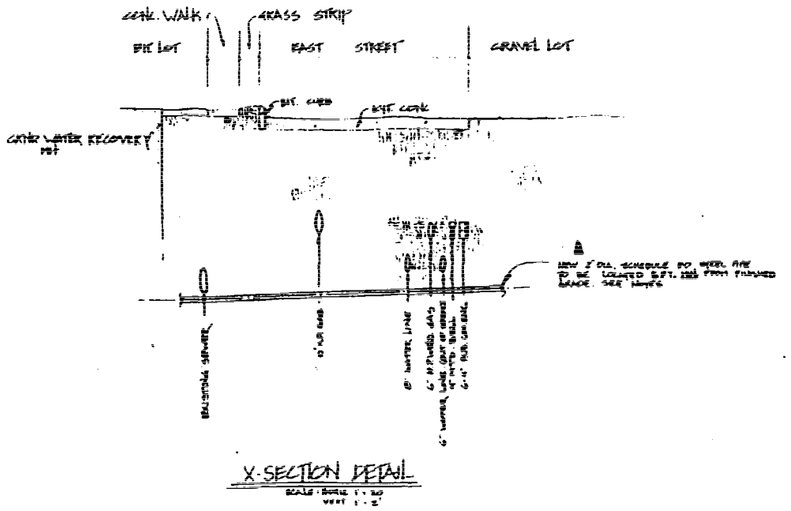
SITE PLAN
Scale: 1" = 20'

10/

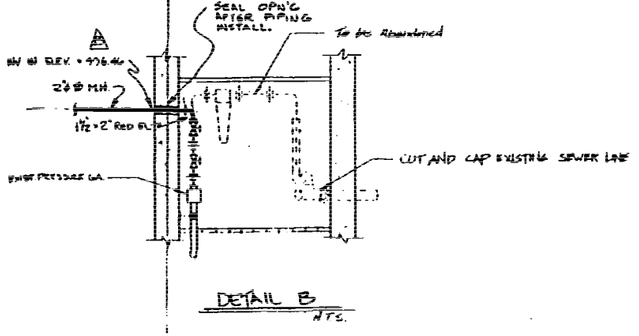
In charge of	NO.	DATE	REVISION	DWG	O'BRIEN & GERE ENGINEERS, INC. Syracuse, New York	GENERAL ELECTRIC CO. PITTSFIELD, MASS. EAST STREET PROJECT	GENERAL SITE PLAN
Designed by ____ Checked by ____							FILE NO. 612.065
Made by ____							DATE
1" = 20' 20 0 20 40							



SITE PLAN
SCALE 1"=20'



X-SECTION DETAIL
SCALE: HORIZ. 1"=10'
VERT. 1"=5'



DETAIL B
NTS.

NOTES

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY BASED ON AVAILABLE DATA AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CALL DIG SAFE CORNER AT 1-800-322-4844 AND HAVE ALL UTILITIES MARKED ON THE GROUND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

TOPOGRAPHY BY TRANSIT/EDM SURVEY METHOD.

DRAWING REFERENCES

1) CITY OF PITTSFIELD DWG. NO. 319
2) CITY OF PITTSFIELD DWG. NO. 985
3) CITY OF PITTSFIELD DWG. NO. 320
4) GENERAL ELECTRIC DWG. NO. 129-D-7678
5) GENERAL ELECTRIC DWG. NO. 712-D-784
6) BLASLAND AND BOUCK
7) NEW ENGLAND BELL
8) BERKSHIRE GAS CO.

50 Depot Street
Ipswich, MA 01926
(413) 684-0925

GENERAL ELECTRIC COMPANY

SCALE	AS NOTED		REVISIONS	BY	DATE
DATE	1-28-91				
DRN	CWL	B	Revised Pipe Depth	KJB	2-27-91
APPD	CWL	A	ADDED REF DWGS + GAS LINE	KJB	2-5-91

TITLE: PROPOSED EAST STREET PIPELINE CROSSING

NO. GE-915-1

A

This Line Coincides With Similar Line on Serial No. BE633A

EAST ST.

6in.

Vacant Land Extends for Several Hundred Feet Beyond.

This Line Coincides With Similar Line on Serial No. BE637A

Capacitor Bldg. No. 100-B

TRANSF TEST BLDG

Fence

Vacant Land

Fence & Property Lines

EAST ST.

UNLOADING DOCK

Vacant Land Property of Assured

NEWELL ST.

No. 64Y

No. 64R

No. 64S

Pond

HOUSATONIC RIVER

Fence

Scattered 1-2 Str. Wd Dwgs. Extends for Several Hundred Feet

TANK NOTE

A 1000 Gal. Spare (Empty)
B 3000 Gal. Alcohol & Water
C 4000 Gal. Alcohol & Water
D 6000 Gal. Allyl Chloride
E 6000 Gal. Allyl Chloride
G 11700 Gal. Alcohol & Water
H 8200 Gal. Spare (Empty)
I 3000 Gal. Allyl Chloride
L 20000 Gal. Waste Oils
J - " - "
K - " - "
M 7000 Gal. Machine Coolant (Water/Oil)
N 24,000 Gal. Spare (Empty)
O 7000 Gal. Alcohol

SERIAL NO. BE637A

1	2	3	4
5	6	7	8
9	10	11	12

This Line Coincides With Similar Line on Serial No. BE641A

FOR REMAINDER OF PLAN SEE SERIAL NO. BE631A THRU BE642A

INDEX NO. 10082-1 SERIAL NO. BE637A
Scale 1in. = 80ft.

LOMBARD ST.

PARK SIDE AVE.

SERIAL NO. BE638A

1	2	3	4
5	6	7	8
9	10	11	12

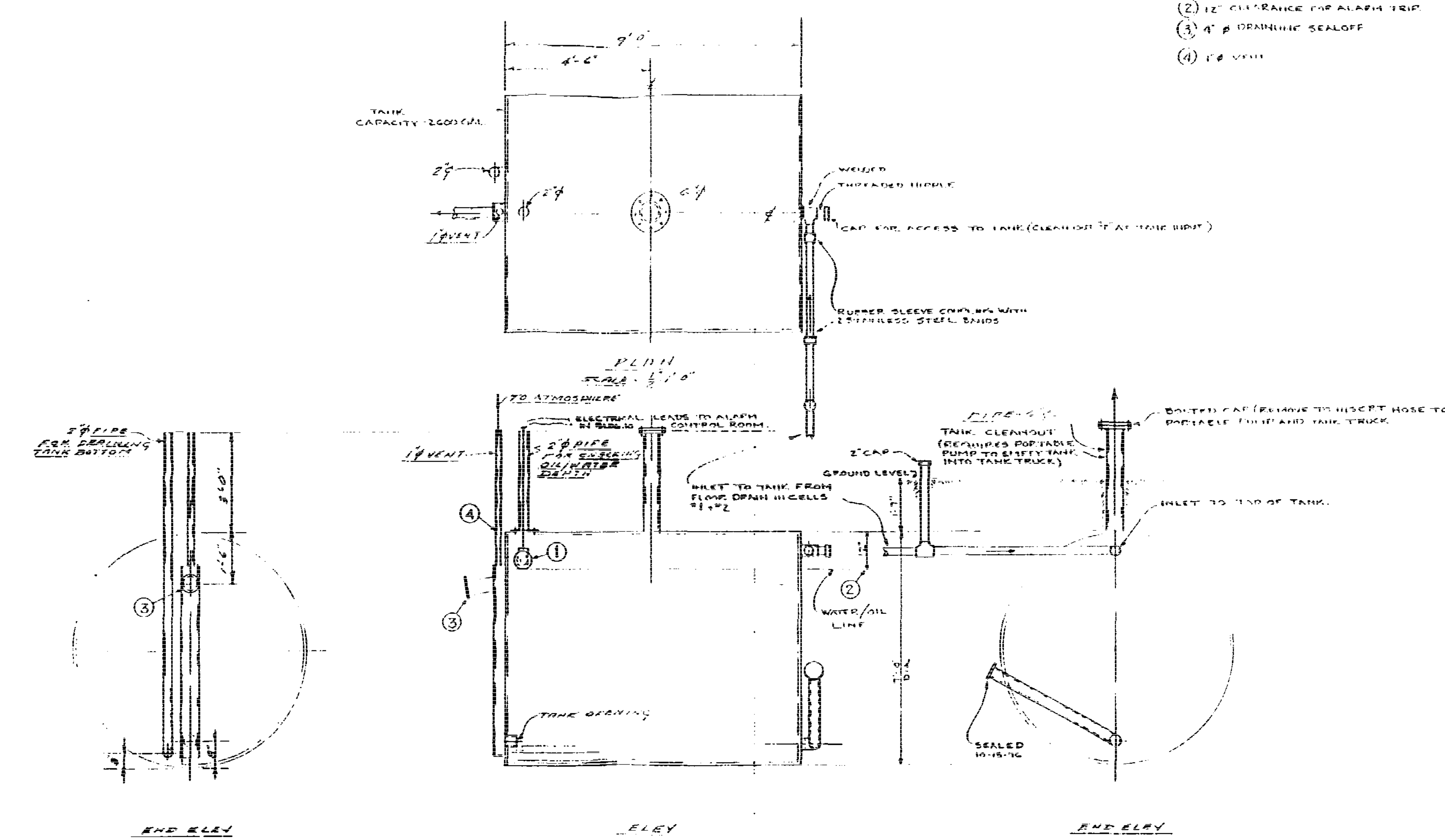
This Line Coincides With Similar Line on Serial No. BE642A

FOR REMAINDER OF PLAN SEE SERIAL NOS. BE631A THRU BE642A

INDEX NO. 10082-1 SERIAL NO. BE638A
Scale 1in. = 80ft.

GENERAL ELECTRIC 113D6051

WATER/OIL STORAGE TANK



PLAN
SCALE ½" = 1'0"
9'0"
4'-6"
TANK CAPACITY 2600 GAL
1¼ VENT
WELDED
THREADED NIPPLE
CAP FOR ACCESS TO TANK
RUBBER SLEEVE COUPLING WITH 2 STAINLESS STEEL BANDS
TO ATMOSPHERE
ELECTRICAL LEADS TO ALARM IN BLDG 10 CONTROL ROOM
2"Ø PIPE FOR SENSING OIL/WATER DEPTH
1¼ VENT
2" CAP
GROUND LEVEL
INLET TO TANK FROM FLOOR DRAIN IN CELLS
TANK CLEANOUT (REQUIRES PORTABLE PUMP TO EMPTY TANK INTO TANK TRUCK)
BOLTED CAP (REMOVE TO INSERT HOSE TO PORTABLE PUMP AND TANK TRUCK
INLET TO TOP OF TANK
2"Ø PIPE FOR DRAINING TANK BOTTOM
WATER/OIL LINE
TANK OPENING
SEALED 10-15-76
END ELEV
ELEV
END ELEV

(1) LEVEL CONTROLLER IN TANK TO ALARM SYSTEM IN BLDG 10

(2) 12" CLEARANCE FOR ALARM TRIP

(3) 4" Ø DRAINING SEALOFF

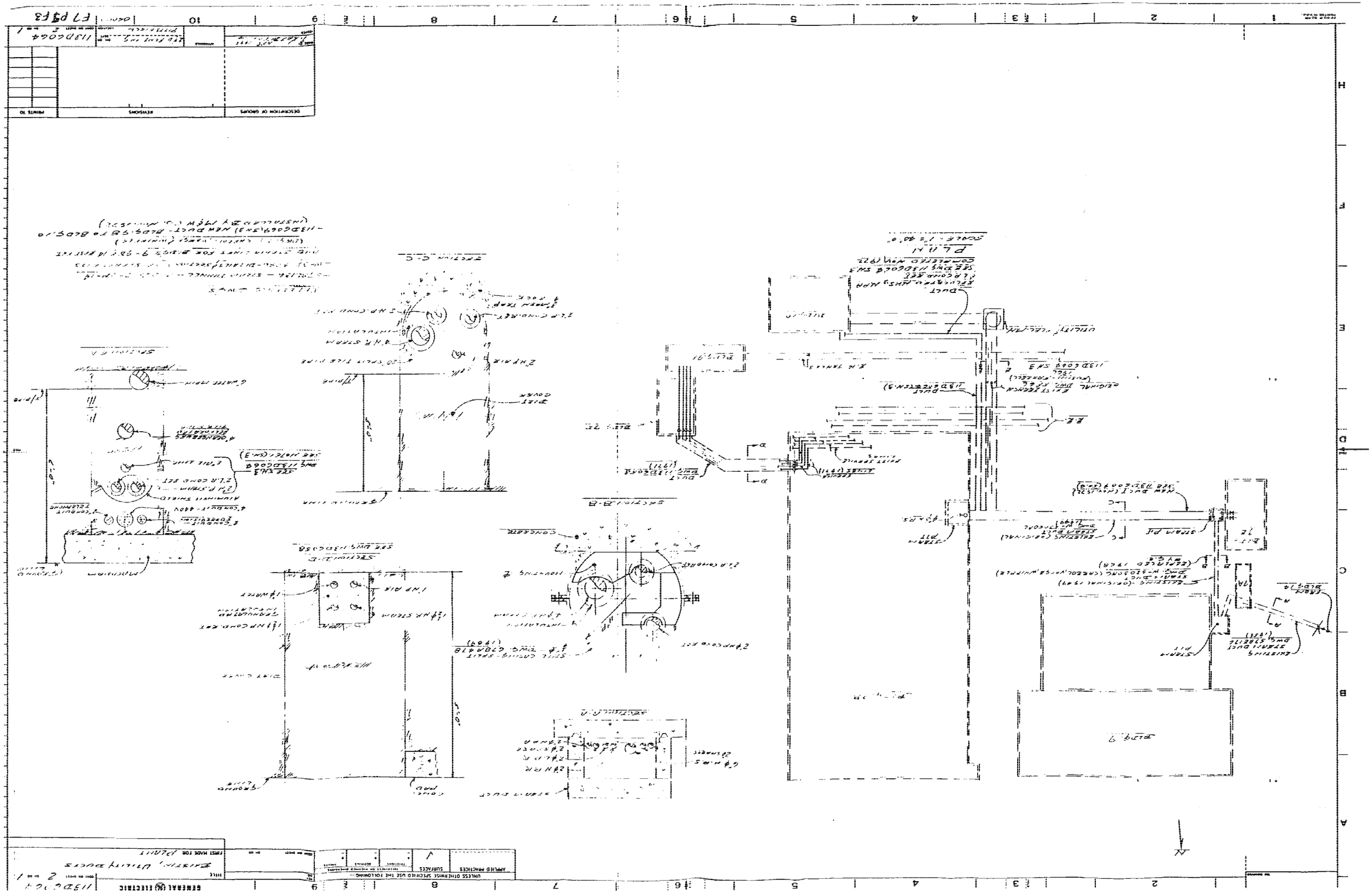
(4) 1" Ø VENT

REFERENCE -

DESCRIPTION OF GROUPS	REVISIONS	PRINTS TO
	1 TJ BEQUAEE 12-16-76 GEN. CHANGES	

ELEC. PLNT. ENG. PITTSFIELD

113D6051

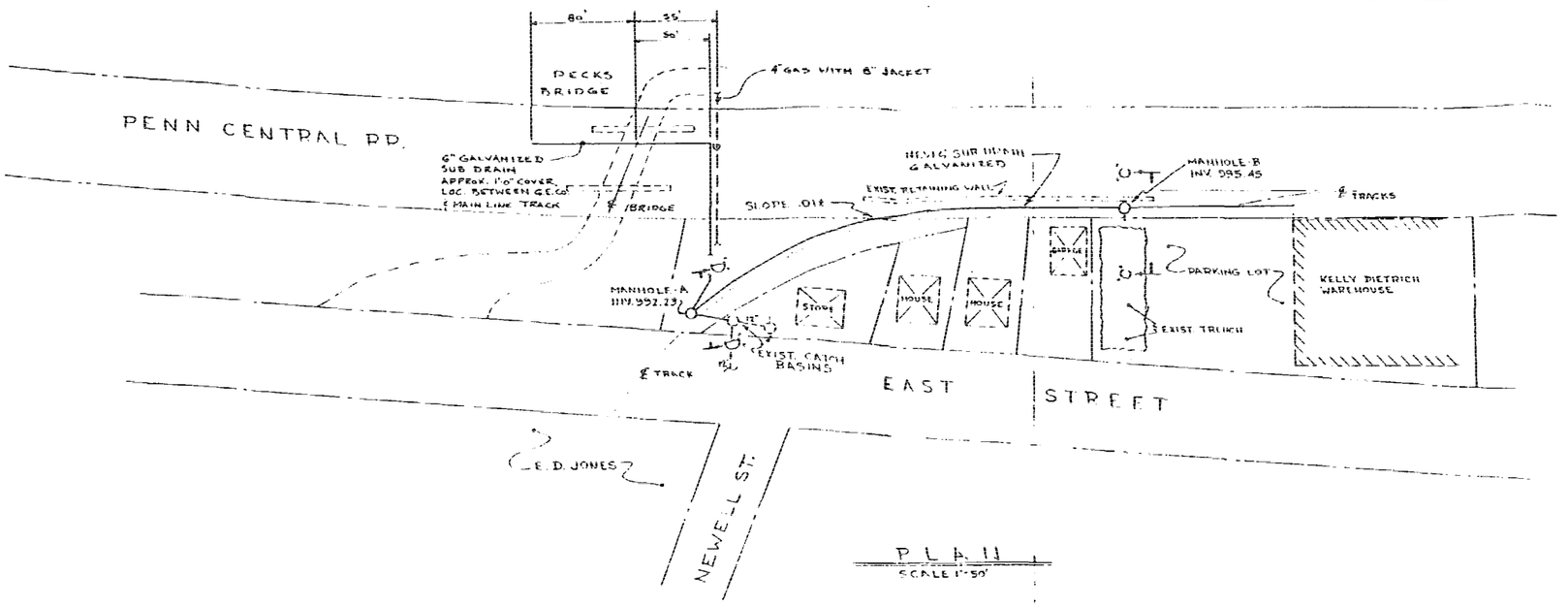


GENERAL ELECTRIC

792-D-284

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—
APPLIED PRACTICES | SURFACES ✓ | TOLERANCES ON FRACTIONS ± | DECIMALS ± | ANGLES ±

TITLE
6" SUB-DRAIN - BERK-GAS CO. PENN CENTRAL R.R.
FIRST MADE FOR NORTH OF EAST STREET

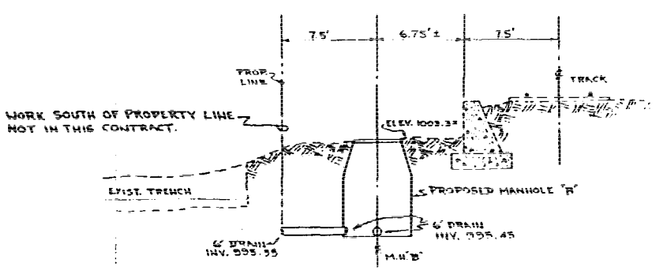


PLAN

SCALE 1"=50'

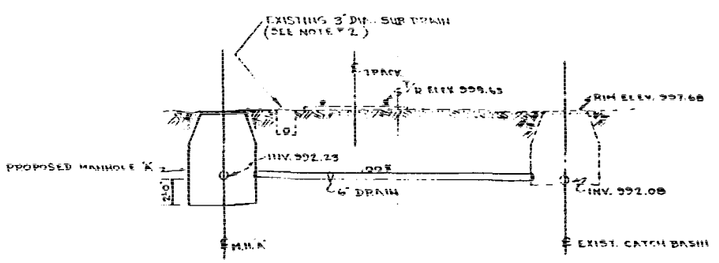
N

NOTES:
1. ALL MANHOLES SHALL BE BUILT ACCORDING TO CITY STANDARDS.
2. EXISTING 3" SUB-DRAIN LOCATED NEXT TO RAILROAD TRACK - CAN BE REMOVED WHERE NECESSARY.
3. REMOVE RAILROAD TRACKS & TIES WHERE NECESSARY. (R.R. CONTRACTOR)



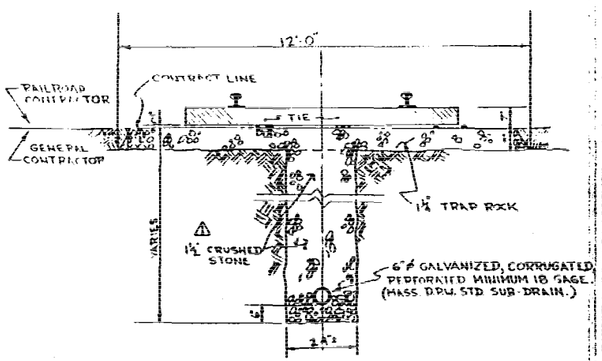
SECTION C-C

SCALE 3/16"=1'-0"



SECTION D-D

SCALE 3/16"=1'-0"



TYPICAL SECTION

SCALE ½"=1'-0"

DESCRIPTION OF GROUPS	REVISIONS	PRINTS TO
	1 T.J.B. 7/21/43 CHANGED IN TRAP ROCK TO INCLUDED 1½" STONE	
	2 T.J.B. 8-11-43 ADDED DRAIN & GAS LINE UNDER PENN CENTRAL	

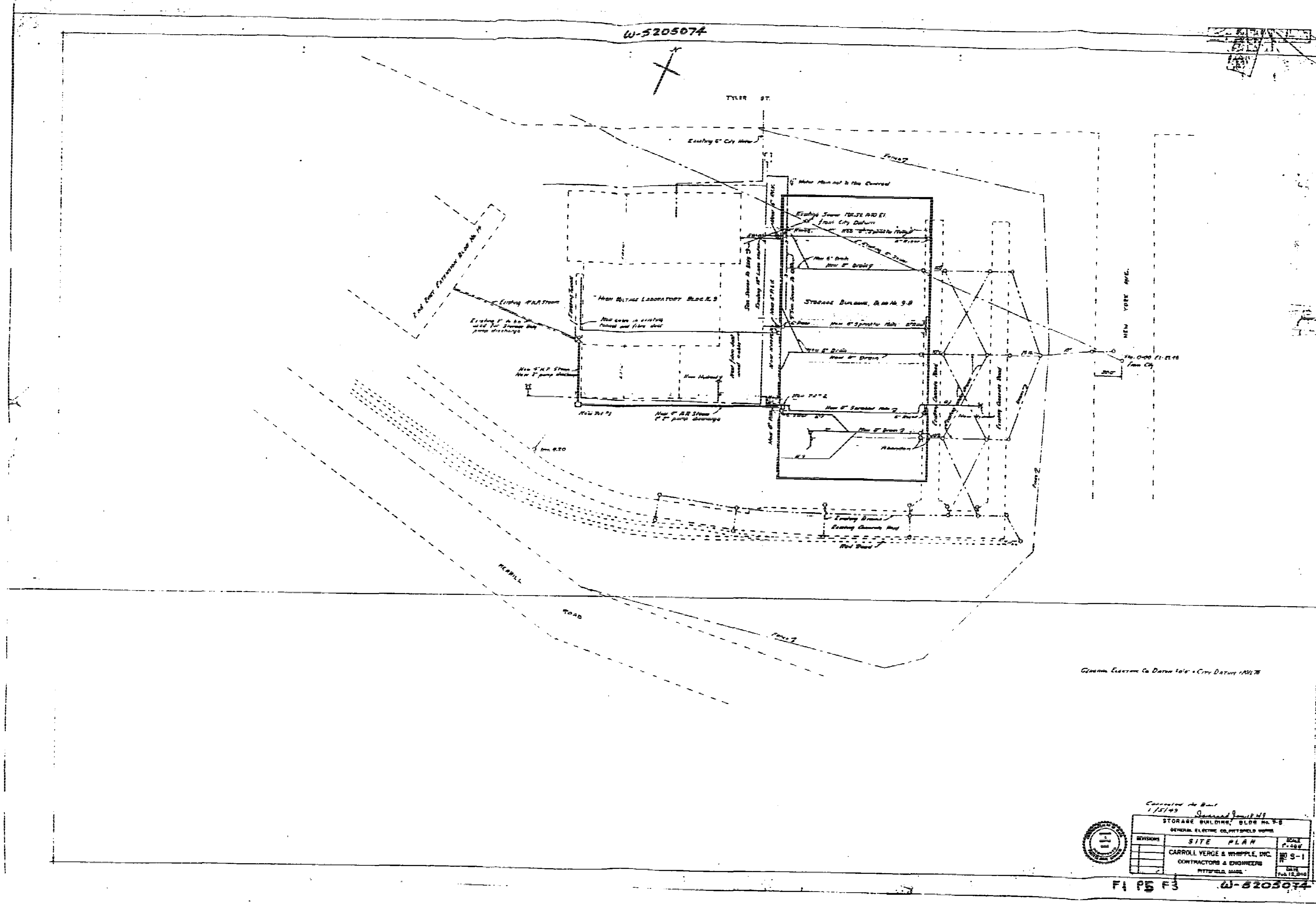
T.J.B. 7/19/43

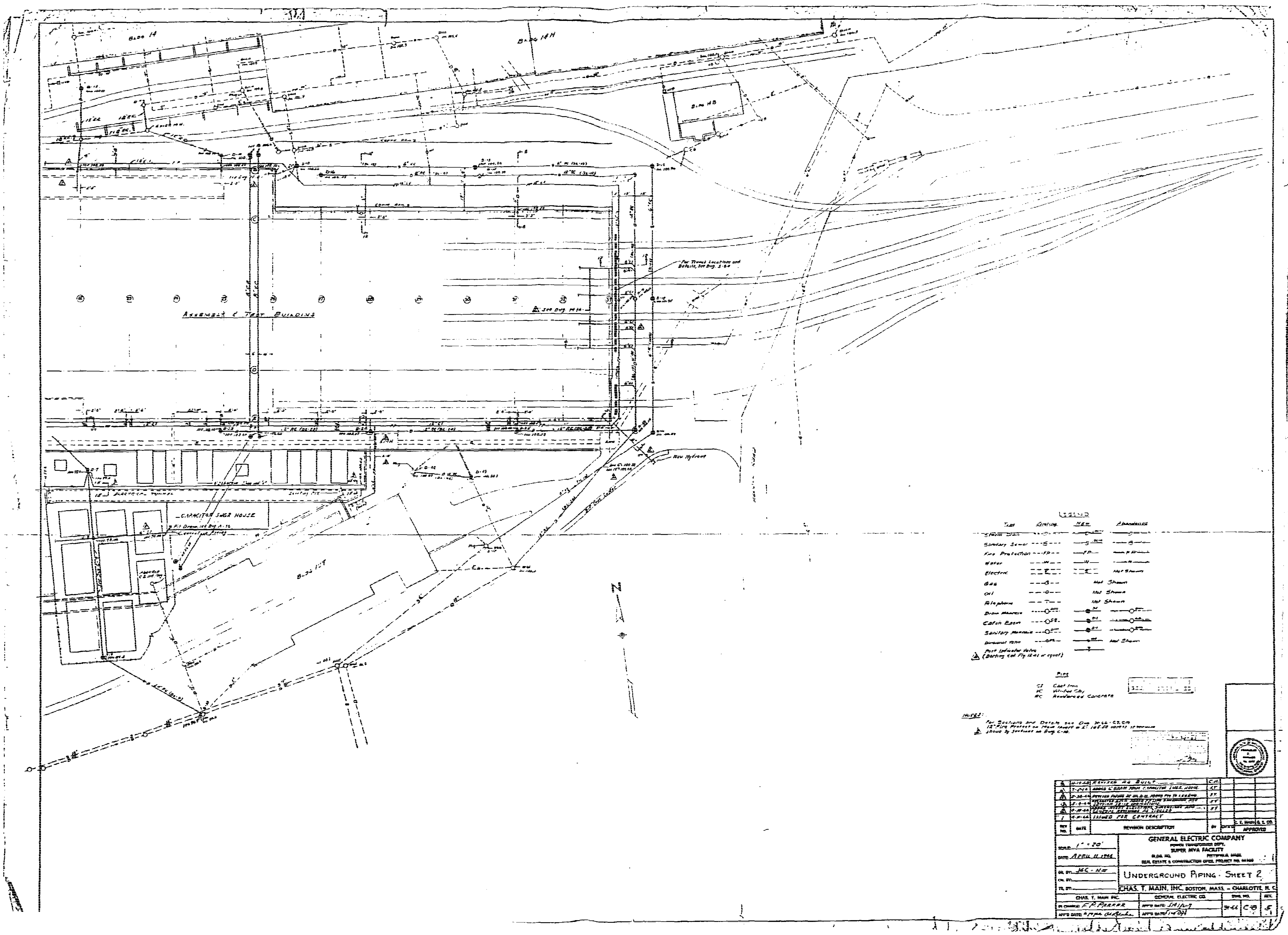
APPROVED

REVISED LINE PITTSFIELD

792-D-284

10 F6 P10 F2 | 136005 | STATE


W-5205074
TYLER ST.
NEW YORK AVE.
MERRILL ROAD
STORAGE BUILDING, BLDG. No. 9-B
HIGH VOLTAGE LABORATORY BLDG. K-9
General Electric Co. Datum 1010' = City Datum 1001.76
Corrected As Built
1/5/49
STORAGE BUILDING, BLDG No. 9-B
GENERAL ELECTRIC CO., PITTSFIELD WORKS
REVISIONS
SITE PLAN
SCALE
1" = 40'
CARROLL VERGE & WHIPPLE, INC.
CONTRACTORS & ENGINEERS
PITTSFIELD, MASS.
No. S-1
DATE
F1 P5 F3
W-5205074



Bldg 14
Bldg 14H
Bldg 14B
Assembly & Test Building
Capacitor Swgr House
Electrical Tunnel
Bldg 117
New Hydrant
For Trench Locations and Details, See Dwg. S-64
N
Legend
Type
Existing
New
Abandoned
Storm Drain
Sanitary Sewer
Fire Protection
Water
Electric
Gas
Oil
Telephone
Not Shown
Drain Manhole
Catch Basin
Sanitary Manhole
Post Indicator Valve
Pipe
CI Cast Iron
VC Vitrified Clay
RC Reinforced Concrete
Notes:
For Sections and Details see Dwg 3966-C9.C10
1 4-8-46 ISSUED FOR CONTRACT
REVISED AS BUILT
REV. NO.
DATE
REVISION DESCRIPTION
BY
APPROVED
GENERAL ELECTRIC COMPANY
SUPER MVA FACILITY
PITTSFIELD, MASS.
SCALE 1" = 20'
DATE APRIL 11 1946
UNDERGROUND PIPING - SHEET 2
CHAS. T. MAIN, INC. BOSTON, MASS. – CHARLOTTE, N. C.
CHAS. T. MAIN INC.
GENERAL ELECTRIC CO.
DWG. NO.
REV.
IN CHARGE F. P. PARKER
C8

M.H.# 1205 5+67.2

Penn Central R.R.

M.H.# 1206 4+70.2

M.H. # 1200 3+73.5

EAST

M.H.# 1202 0+0

M.H.# 1203 2+83.9

M.H. # 1315

ST.

M.H.# 1400 0+0

M.H.# 1358 3+75

Plan Nº 339

N

1215

1245-1231

1265

Grassmans 1277

1226

1228

1239

1234-1218

1236

H.& S. Auto Parts 1260

1274

1282

See Plan Nº 315

NEWELL ST.

1914-15

1200

1206

Cast Iron Pipe

10 Inch

.323%

994.00

987.77

982.05

980

3+73.5 4+70.2 5+67.2

1200

1202

1203

1400

1358

12 Inch Vitrified Clay Sewer

0.28% 100'

981.30

12 Inch V.C. Sewer

979.60

1.50' : 100'

980.13

8 Inch Vitrified Sewer

0.55' : 100'

993.94

993.18

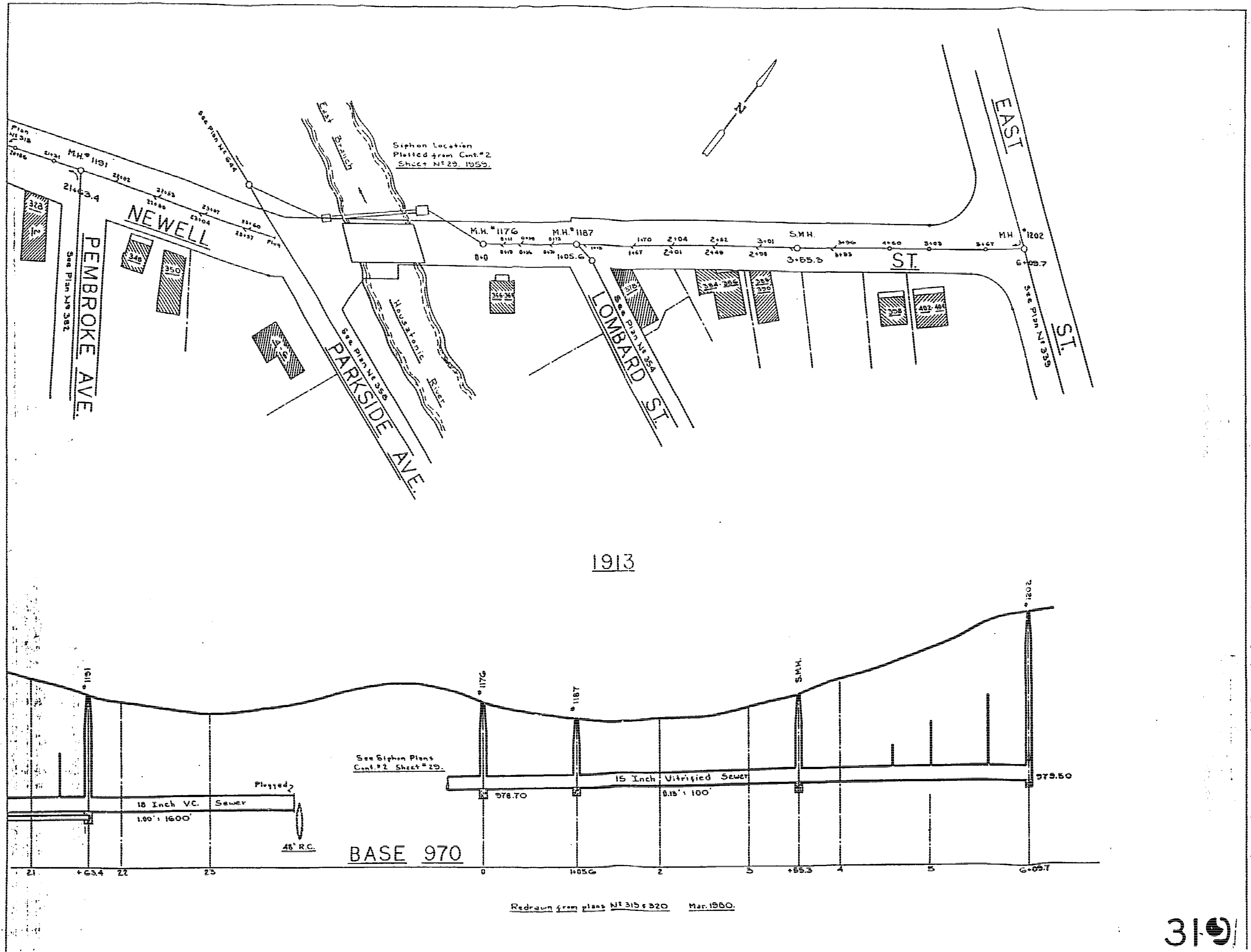
982.05

+73.5 3 2 1 0 1 2 +83.9 3 +75 6 5 4 +75 3 2

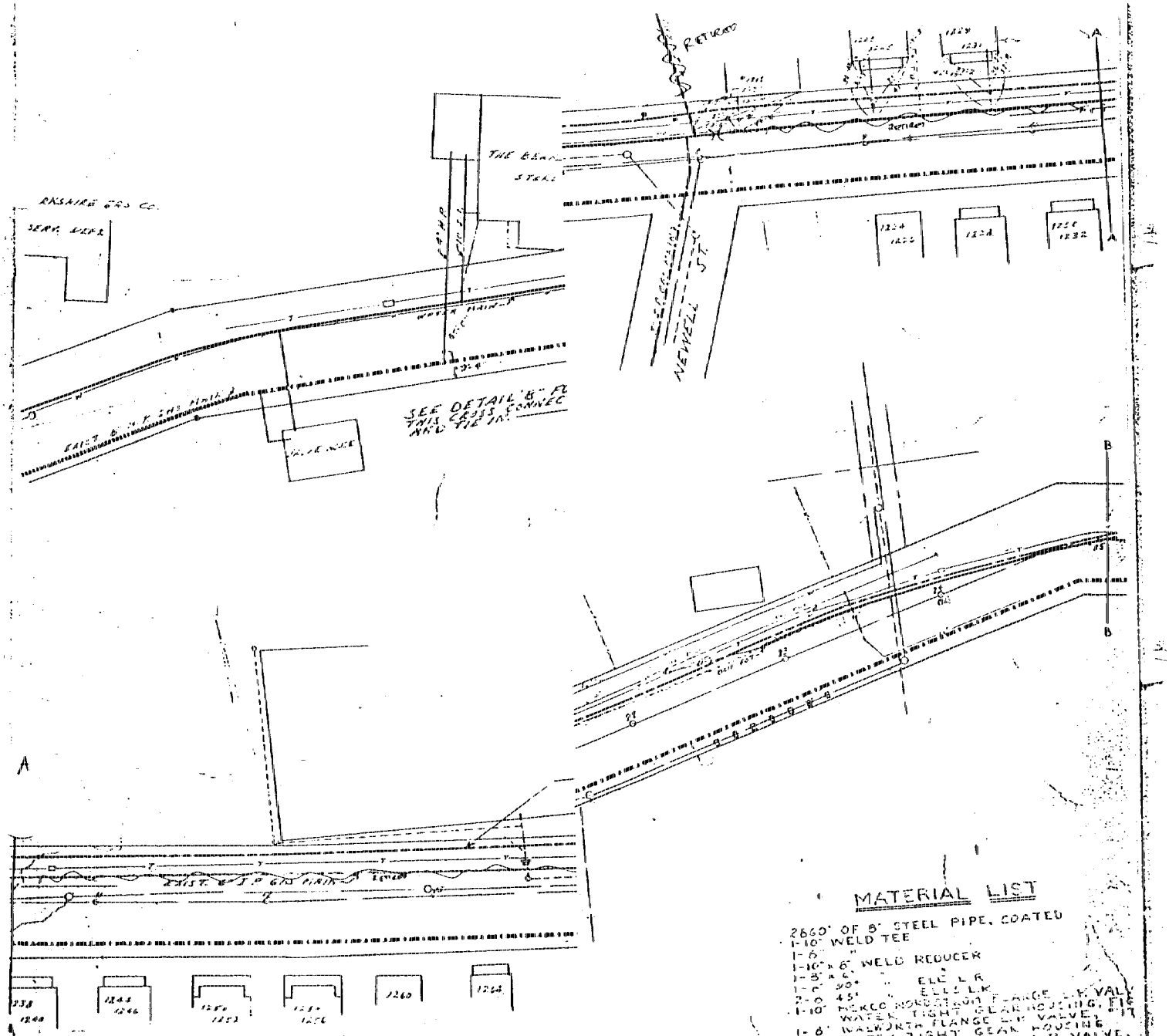
BASE 970

Redrawn from plans Nº 320 & 335 Mar. 1980

320

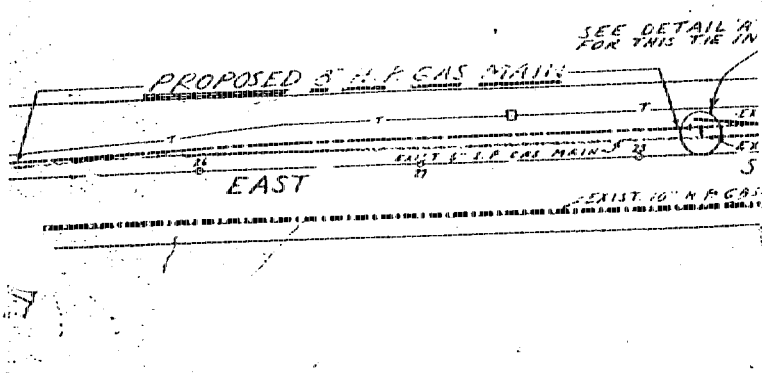

NEWELL
ST.
PEMBROKE AVE.
PARKSIDE AVE.
LOMBARD ST.
EAST ST.
East Branch
Housatonic River
N
Siphon Location
Plotted from Cont. #2
Sheet No 29. 1959.
Plan No 318
See Plan No 382
See Plan No 644
See Plan No 356
See Plan No 354
See Plan No 339
M.H. # 1191
21+63.4
M.H. # 1176
M.H. # 1187
S.M.H.
M.H. # 1202
0+0
1+05.6
3+55.3
6+09.7
Plug
1913
See Siphon Plans
Cont. #2 Sheet #29.
15 Inch Vitrified Sewer
0.15' : 100'
976.70
979.50
18 Inch V.C. Sewer
1.00' : 1600'
Plugged
48" R.C.
BASE 970
21
+63.4
22
23
0
1+05.6
2
3
+55.3
4
5
6+09.7
Redrawn from plans No 315 & 320 Mar. 1960.
319

BERKSHIRE GAS COMPANY DRAWINGS



MATERIAL LIST

2660' OF 8" STEEL PIPE, COATED
1-10" WELD TEE
1-6" "
1-10" x 6" WELD REDUCER
1-8" x 6" "
1-6" 90° ELL L.R.
1-10" 90° ELLS L.R.
2-6" 45° "
1-10" MUELLER IRON BODY FLANGE L.R. VALV
WATER TIGHT GEAR HOUSING, F.F.
1-8" WALWORTH FLANGE L.R. VALVE, F.F.
WATER TIGHT GEAR HOUSING
1-6" WALWORTH FLANGE L.R. VALVE,
1-6" STYLE 40 DR. COUPLING
1-10" STYLE 40 DR. COUPLING
1-6" SERIES 65, 150# C.V. 1, IF INSULATING
1-10" " " " " 20" " "
5-8" x 12" NIBSCO M-II PLASTIC TH.NSULAT
20-7/8" x 4 1/2" ALLOY STUDS
4-7/8" x 3 1/2" "
4-7/8" HEX NUTS
12-3/4" x 4" ALLOY STUDS
8-3/4" x 3 "
12-3/4" x 3 3/4" "
56-3/4" HEX NUTS
1-8" FLANGE GASKETS, R.F.
1-6" GASKET, R.F.
1-10" " " "
2-10" 150# WELD NECK FLANGES, F.F.
2-8" " " " R.F.
2-6" " " "
3-SIZE 'A' VALVE BOXES
10-17# MAGNESIUM ANODES. SEE NOTE BELOW



43-2082

APPENDIX C

UST 10-01 LEAK TESTING RESULTS

10-01

Hunter Environmental Services Inc

FINAL TEST REPORT

Canton, OH (216) 453-1800 · Philadelphia, PA (215) 296-7300 · Los Angeles, CA (714) 982-7203 · Dallas, TX (214) 373-0000

DATE 8-18-88A

CONTACT: D. Tainter

LOCATION: General Electric

CUSTOMER: HIS, Inc.

LL: 6 Bldg. 10/E Street

EO/DC Pittsfield, MA

SYSTEM # PRODUCT	TANK SIZE GALLON	TANK SIZE DIAM. (IN.)	WATER LEVEL (IN.)	LEAK LOKATOR RESULTS* GRADE (IN.)	TEST LEVEL (IN.)	GPH	CONCLUSION PASS/FAIL		COMMENTS
Waste Water	2600	84	N/A	107	108	+.013	X		

ADDITIONAL COMMENTS

*GRADE - INCHES FROM BOTTOM OF TANK
TEST LEVEL - INCHES FROM BOTTOM OF TANK
GPH - ABSOLUTE LEAK RATE (MEASURED LEAK RATE - TEMPERATURE COMPENSATION) IN GALLONS PER HOUR
CONCLUSION IS BASED ON NFPA 329 STANDARD OF ±0.05 GPH

ADDITIONAL SERVICES

PRODUCT LINES — HYDROSTATIC PRESSURE TEST RESULTS

SYSTEM	TYPE OF PUMP	# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION	COMMENTS
Waste Water	Remote ☐ Suction ☐ Submersible ☐ ☐					PASS ☐ FAIL ☐ no lines	
	Remote ☐ Suction ☐ Submersible ☐ ☐					PASS ☐ FAIL ☐	
	Remote ☐ Suction ☐ Submersible ☐ ☐					PASS ☐ FAIL ☐	
	Remote ☐ Suction ☐ Submersible ☐ ☐					PASS ☐ FAIL ☐	

PART #	DESCRIPTION	PRICE EA.	QTY	PART #	DESCRIPTION	PRICE EA.
	Test Bore	140.-				

TECHNICAL REVIEW SO 8/24 8 24

HUNTER ENVIRONMENTAL SERVICES, INC.

leak locator

TEST RESULTS

DATE OF TEST: 8-18-88

CONTRACT NUMBER:

NAME: General Electric Co.

LOCATION — IDENTIFICATION NUMBER: Bldg #10

ADDRESS: East St

CITY: Pittsfield

STATE: MASS.

TEST RESULTS SUMMARY

SYSTEM PRODUCT	TANK SIZE GALLONS	TANK SIZE DIA/MATL	WATER INCHES	LEAK LOCATOR RESULTS		CONCLUSION	
WASTE WATER	2,600	84"/ST	n/A	108"	+.013	Tight	Full system

OTHER INFORMATION: Tested at 108" due to the drain lines inside the building being on the floor And I Could not Come in [illegible]

PRODUCT LINES — HYDROSTATIC PRESSURE TEST RESULTS

NO.	SYSTEM PRODUCT	TYPE OF PUMP REMOTE	TYPE OF PUMP SUCTION	# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION RESULT
	waste water	n/A	n/A	x	x	x	x	n/A

NOTE: On suction systems, NEVER put more than 15 psi on any pump system.

OTHER CONTRACTORS, OFFICIALS, CUSTOMER REPRESENTATIVES PRESENT:

DETAIL OF TEST RESULTS

NO.	SYSTEM PRODUCT	TEST NO.	TEST LEVEL (INCHES)	TIME START	TIME DURATION	LEAK RATE CC/DIV	LEAK RATE CC/MIN	TEMPERATURE COMPENSATION Δ °F	TEMPERATURE COMPENSATION CC/MIN	CC/MIN	GPH	
	WASTE WATER	1	108"	9:40	[illegible]	[illegible]	[illegible]	+.014	+.264	[illegible]	[illegible]	

INCHES FROM TANK BOTTOM TO TEST LEVEL.
ALR — ABSOLUTE LEAK RATE (MEASURED LEAK RATE — TEMPERATURE COMPENSATION) IN GALLONS PER HOUR
CONCLUSION — NFPA 329 CRITERION OF ± 0.05 GPH IS USED TO CERTIFY TIGHTNESS

CERTIFICATION: This is to certify that the above described tank systems were tested, using the HUNTER ENVIRONMENTAL SERVICES, INC. LEAK LOCATOR according to all standard operating procedures. Those indicated as tight at full system meet the criterion established by the National Fire Protection Association Pamphlet 329 for Precision Testing.

TESTS CONDUCTED BY

TEST VAN NO.: U-6

TANK TESTING SPECIALIST: Eddie Ortiz #27

TANK TESTING SPECIALIST: Dwight Grimes

CERTIFIED BY

SIGNATURE: Eddie Ortiz

DATE: 8-18-88

NAME: Eddie

TITLE: Team Mgr.

TANK AND LOCATION DATA

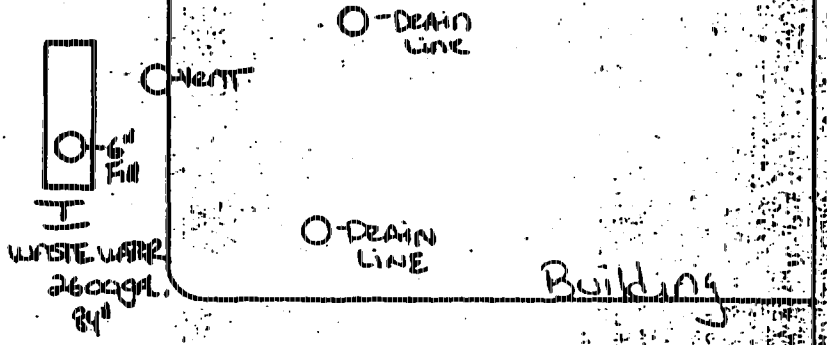
DATE: 8-18-88

CUSTOMER: General Electric Co. CITY: Pittsfield

STATE: Mass.

WEATHER	TIME	TEMPERATURE	COMMENTS
BEFORE TEST – Sunny	900	72°	
AFTER TEST –			

SCHEMATIC:



Quarter in cell.

	PRODUCT/TANK NO.	WASTE WATER									
BEFORE DELIVERY	LEVEL	Full	Gauge	Fill	Gauge	Fill	Gauge	Fill	Gauge	Fill	Gauge
	GALLONS	2600	X								
	WATER	0"									
	TOP OF RISER	112"									
	GRADE	107"									
	DROP TUBE	none									
	CAPACITY, GALLONS	2600									
	DIAMETER, INCHES	84"									
	MATERIAL	Steel									
	PUMP TYPE	N/A									
	TYPE OF COVER	Grass									
	AGE OF TANK	19yrs									
	SIPHON	no									
	TANK OPENINGS	2-4" 1-6"									
	EXTRACTORS	none									
VAPOR RECOVERY	TYPE	none									
	VENT CONFIGURATION	Single									
	P-V VENT VALVE TYPE	none									

REPLACEMENT PARTS:	PART #	DESCRIPTION	QUANTITY	PRICE

ADDITIONAL CHARGES: (pumpouts, overtime, etc.)

*Data obtained from ☐ Station ☐ I.L. Charts ☐ Other

Hunter Environmental Services, Inc.

15 Dermott Avenue, Ave
Ste 400
Akron, OH 44308
440-963-1000 800-433-4370

10-01

Leak Locators

TEST RESULTS — FINAL REPORT

DATE OF TEST: 9-1-87
CONTRACT NUMBER:

CUSTOMER: General Electric
LOCATION — IDENTIFICATION NUMBER: Building 10 East ST Plant
ADDRESS:
NAME: Ed Kupla
CITY: Pittsfield
STATE: Mass

TEST RESULTS SUMMARY

TANK NO.	SYSTEM PRODUCT	TANK SIZE GALLONS	TANK SIZE DIAMETER	WATER INCHES	LEAK LOCATOR RESULTS* LEVEL (INCHES)	LEVEL (GPH)	CONCLUSION	REMARKS	LEAK LOCATOR GPH CONSOL. CODE TEST	TANK	PIPE
2	H2O	24000	89"5	Full	102	+.01	Tight	Full System Test			

OTHER INFORMATION: 3 HRS on SITE
0 Tanks
3

PRODUCT LINES — HYDROSTATIC PRESSURE TEST RESULTS

NO.	SYSTEM PRODUCT	TYPE OF PUMP REMOTE	TYPE OF PUMP SUCTION	# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION/ RESULTS
10			X	N/A End Suction				

NOTE: On suction systems, NEVER put more than 15 psi on any pump system.

OTHER CONTRACTOR, OFFICIALS, CUSTOMER REPRESENTATIVES PRESENT:

DETAIL OF TEST RESULTS

TANK NO.	SYSTEM PRODUCT	TEST NO.	TEST LEVEL (INCHES)	TIME START	TIME DURATION	LEAK RATE CC/DAY	LEAK RATE CC/MIN	TEMPERATURE COMPENSATION Δ P	TEMPERATURE COMPENSATION CC/MIN	ABSOLUTE LEAK RATE CC/MIN	ABSOLUTE LEAK RATE GPH	CONSOL. TEST CODE
10	H2O	1	102	3153	37	+.1221	+.1355	+.011	+.207	+.1148	+.018	

EL — INCHES FROM TANK BOTTOM TO TEST LEVEL
ALR — ABSOLUTE LEAK RATE (MEASURED LEAK RATE — TEMPERATURE COMPENSATION) IN GALLONS PER HOUR
CONCLUSION — NFPA 329 CRITERION OF ±0.05 GPH IS USED TO CERTIFY TIGHTNESS

CERTIFICATION: This is to certify that the above described tank systems were tested, using the HUNTER ENVIRONMENTAL SERVICES, INC. LEAK LOCATOR according to all standard operating procedures. Those indicated as tight or full system meet the criterion established by the National Fire Protection Association Pamphlet 329 for Precision Testing.

TESTS CONDUCTED BY		CERTIFIED BY	
TEST WITNESS: LL-9	TANK TESTING SPECIALIST: S. Rincer	SIGNATURE: Sal Rincer	DATE: 9-1-87
	TANK TESTING SPECIALIST: E. Palmer	NAME: Sal Rincer TITLE: Team Manager	

TANK AND LOCATION DATA

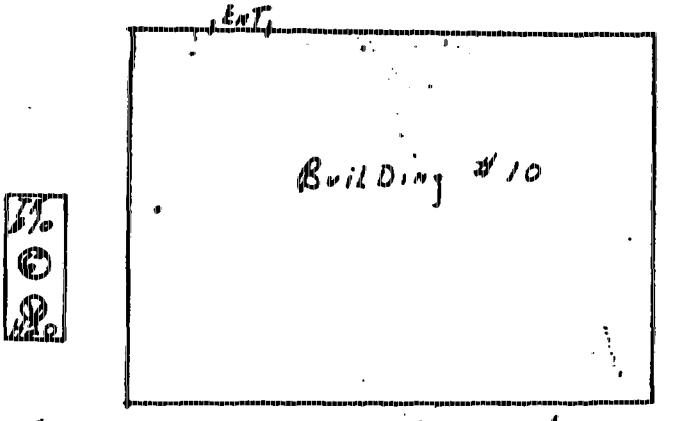
DATE: 9-1-87

CUSTOMER: General Electric CITY: Pittsfield

I.D. # Building #10 East St Plant STATE: Mass

WEATHER	TIME	TEMPERATURE	COMMENTS
BEFORE TEST –			
AFTER TEST –			

SCHEMATIC:



	PRODUCT/TANK NO.	Tank #10									
DELIVERY	LEVEL	Fill 102	Gauge	Fill	Gauge	Fill	Gauge	Fill	Gauge	Fill	Gauge
	GALLONS	2600									
	WATER	Full									
	TOP OF RISER	113									
	GRADE	107									
	DROP TUBE	None									
	CAPACITY, GALLONS	2600									
	DIAMETER, INCHES	84									
	MATERIAL	Steel									
	PUMP TYPE	Ins. Suction									
	TYPE OF COVER	Soil									
	AGE OF TANK	UNK									
	SIPHON	NO									
	TANK OPENINGS	1-6"									
	EXTRACTORS	None									
RECOVERY	TYPE	None									
	VENT CONFIGURATION	Single									
	P-V VENT VALVE TYPE	None									

REPLACEMENT PARTS:

PART #	DESCRIPTION	QUANTITY	PRICE

ADDITIONAL CHARGES: (dumpsters, overtime, etc.)

*Data obtained from ☐ Station ☐ U.I. Charts ☐ Other

2-24-89

General Electric Company
Pittsfield, Massachusetts

MONTH/YEAR
MAY 1996

UNDERGROUND TANK INVENTORY CONTROL RECORD

Tank ID 10-01 Location EAST OF BLDG 10

Capacity (gal.) 2590 Completed/Approved by E Soares/Phone

Contents OIL + WATER Measurement Method STICK

DAY OF MONTH	TANK LEVEL (ft., in.)	VOLUME (gal.)	MATERIAL ADDED (gal.)	MATERIAL REMOVED (gal.)	WATER DEPTH (in.)	NOTES
5-8	15"	325	0	0	10	
5-9	15"	325	0	0	10	
5-10	15"	325	0	0	10	
5-11	15"	325	0	0	10	
5-12	15"	325	0	0	10	
5-13	15"	325	0	0	10	
5-14	15"	325	0	325	0	TANK PUMPED OUT & TAKEN OFF THE CURRENTLY IN USE STATUS

con-test
WATER AND AIR ENGINEERING

P.O. BOX 301 • EAST LONGMEADOW, MASSACHUSETTS 01028 • (413) 525-1100

February 23, 1987

Mr. Edward Kulpa
General Electric
LTO 100 Woodlawn Avenue
Building 100-1
Pittsfield, MA 01201

See Heater Report Sept 1 1987

Dear Mr. Kulpa:

TANK 10-1, GENERAL ELECTRIC LTO

The following presents a summary of final tank testing results performed on tank 10-1 at GE LTO, Pittsfield, MA.

10-23-86

Testing performed at 84.5 inches (1/2 inch above tank top) gave indications of a loss of product elevation at a rate of:

$$\frac{14 \text{ lines}}{15 \text{ minutes}} \times \frac{50\text{cc calibration}}{12 \text{ lines}} \times \frac{60 \text{ minutes}}{\text{hour}} = 233.3 \text{ cc/hr}$$

Testing performed at 90.5 inches gave indications of a loss of product elevation at a rate of:

$$\frac{25 \text{ lines}}{1 \text{ minute}} \times \frac{50\text{cc calibration}}{12.5 \text{ lines}} \times \frac{60 \text{ minutes}}{\text{hour}} = 6{,}000 \text{ cc/hr}$$

Testing indicates the system is not in compliance with NFPA 8329 standards for a tight tank. Owners were immediately notified.

11-12-86

After system repairs consisting of sealing a loose vent pipe to the floor drain pipe system, the system was re-tested with the following results.

Testing performed at 82 inches product level, the system showed a gain of product elevation at the rate of:

$$\frac{5 \text{ lines}}{10 \text{ minutes}} \times \frac{50 \text{ cc calibration}}{22 \text{ lines}} \times \frac{60 \text{ minutes}}{\text{hour}} = 68 \text{ cc/hr}$$

11-12-86 (continued)

Testing performed at grade showed a loss of product elevation at the rate of:

$$\frac{4 \text{ lines}}{12 \text{ minutes}} \times \frac{190 \text{ cc calibration}}{34 \text{ lines}} \times \frac{60 \text{ minutes}}{\text{hour}} = 112 \text{ cc/hr}$$

Testing indicates the system is in compliance with NFPA 0329 standards for a tight tank.

Sincerely,

CON-TEST, INC.

Michael T. Clarke

Michael T. Clarke

HUNTER
Technology Systems, inc.

1483 Boston Post Road
Fairfield, CT 06430
203-259-3001

Mr. Ed Kulpa
General Electric Company

July 2, 1990

I N V O I C E

Ref: Purchase Order Number - A34-PX3018410

June 18, 1990 - Building 10

Tested 1-10,000 gal. Waste @ 110" - Pass -.021

June 18, 1990 - Building 51

Tested 1-20.000 gal. #2FO @ 143" - Pass -.008

$ 1450.00

June 19, 1990 - Building 51

Tested 1-20,000 gal. #2FO @ 139" - Pass -.016

$ 1450.00

$ 2900.00

Final test reports are enclosed.

Thank you for selecting Hunter.

E M Kulpa
7-6-90

Davies Tainter, Jr.

HTS inc.

HunTeR ENVIRONMENTAL SERVICES, INC.

leak lokator LD 2000

lburn Park Road
MO 63146
4-5 00

TEST RESULTS

DATE OF TEST: 8-31-89

CONTRACT NUMBER:

CUSTOMER: GE

LOCATION — IDENTIFICATION NUMBER: BLDG #/C

NAME:

ADDRESS: East St

CITY: Pittsfield

STATE: MA

TEST RESULTS SUMMARY

SYSTEM PRODUCT	TANK SIZE GALLONS	TANK SIZE DIA/MATL	WATER INCHES	LEAK LOKATOR RESULTS* LEVEL INCHES	ALR GPH	CONCLUSION	RECOMMENDATIONS	LEAK LOKATOR USE ONLY CONCL. CODE TEST	TANK	SYS
waste water	8000	8' / St	Full	106 / 107	.025	T	Full Sys			

OTHER INFORMATION

PRODUCT LINES — HYDROSTATIC PRESSURE TEST RESULTS

SYSTEM PRODUCT	TYPE OF PUMP REMOTE	TYPE OF PUMP SUCTION	# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION/ RESULT

NOTE: On suction systems, NEVER put more than 15 psi on any pump system.

OTHER CONTRACTORS, OFFICIALS, CUSTOMER REPRESENTATIVES PRESENT

DETAIL OF TEST RESULTS

SYSTEM PRODUCT	TEST NO.	TEST LEVEL (INCHES)	TIME CLOCK START	TIME DURATION HRS.-MIN.	LEAK RATE CC/DIV	LEAK RATE CC/MIN	TEMPERATURE COMPENSATION Δ °F	TEMPERATURE COMPENSATION CC/MIN	ABSOLUTE LEAK RATE CC/MIN	ABSOLUTE LEAK RATE GPH	CHECK TEST Y or N
waste water	1	107	7 50	15 min	4.041	-1.020	+.007/min	+.54	-.46	.025	Y

APPENDIX D

GROUND-PENETRATING RADAR SURVEY OF FACILITY USTs

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & GEOSCIENTISTS
6723 Towpath Road, Box 66, Syracuse, New York 13214-0066 (315) 446-9120
FAX: (315) 449-0017

September 29, 1993

Mr. Jeffrey G. Ruebesam, P.E.
Manager - Compliance, Operation and Laboratory
Environmental and Facility Programs
General Electric Company
100 Woodlawn Avenue
Building 11-250
Pittsfield, MA 01201

Re: General Electric Company
Pittsfield, Massachusetts
Ground-Penetrating Radar Survey
Miscellaneous Underground Storage Tanks

File: 201.29 #2

Dear Mr. Ruebesam:

This letter provides the results of the geophysical survey performed at the Pittsfield, Massachusetts facility to assist in the determination of the presence or absence of suspected underground storage tanks at the facility. A summary of our findings is provided in Table 1 of this letter. A more detailed discussion of the survey procedures, equipment, and our findings is provided below.

I. Introduction

During the week of August 30, 1993, Blasland & Bouck Engineers, P.C. (Blasland & Bouck) performed several Ground Penetrating Radar (GPR) Surveys at the General Electric (GE) Pittsfield, Massachusetts facility. The purpose of the GPR survey was to collect the necessary data to evaluate if suspected underground storage tanks (USTs) were present at specific locations identified by GE. GPR surveys were completed in accordance with our August 17, 1993 Scope of Work letter, and at the locations marked by Mr. Tom Bednarz of GE. This included the following eight locations:

1. UST 64Y-01 - West of Building 64Y;
2. UST 64Y-02 - West of Building 64Y;
3. USTs 7-02 and 7-03 - Northwest of Building 100;
4. UST 7-04 - North of Building 14 and East of Building 7;
5. USTs 18-01 through 18-06 - East of Building 11 Ramp;
6. UST 18-07 - East of Building 11;

7. Three USTs (30,000 gallon) at Plastic - West of Building 120X; and

8. Two USTs (2,400 gallon and 1,200 gallon) - Southwest corner of Building 59;

Also, four additional areas that were not included in our August 17, 1993 Scope of Work letter were surveyed at the request of Mr. Tom Bednarz of GE. These four areas included the following locations:

1. One UST (unknown capacity) - Southeast corner of Building 59.

2. USTs 12F-04 and 12F-05 - West of Building 100 and beneath Merrill Road;

3. Underground piping along the north shoulder of Merrill Road, East of Building 100; and

4. Underground piping located at the intersection of Merrill Road and New York Avenue, east side.

GPR Survey Procedures and Equipment

GPR equipment used during the surveys included:

- A Geophysical Survey Systems, Inc. (GSSI) System-3, subsurface interfacing radar unit;
- A 300 megahertz transducer (antenna);
- A model 38 video display unit and color monitor; and
- A model PR-8300 graphic recorder.

The GPR field surveys began on August 30, 1993 at UST locations 64Y-01 and 64Y-02. Calculations for the equipment's range and filter settings were completed based on the estimated UST depths and the two-way travel time in the overlying site soils. Using this information and the known pulse width of the 300 megahertz transducer, the center frequency of the data was determined. The high and low pass filters were then set to levels below and above the center data frequency. This procedure was used throughout the rest of the surveys completed at the facility.

Several north-south and east-west profiles were performed using the 300 megahertz transducer over each suspected UST area. The output from the graphic recorder and the video display unit were used simultaneously to review the data. Based on this data, the locations of possible USTs were marked in the field by Mr. Tom Bednarz of GE and Blasland & Bouck.

GPR Survey Results

UST Locations 64Y-01 and 64Y-02

The data from the GPR survey performed at these locations indicate that UST 64Y-01 does not appear to be present at this location and UST 64Y-02 is present in the suspected area as identified by GE. The reflections observed on both the graphic records and the video display monitor at UST 64Y-02 are consistent with data associated with a UST. The reflections observed at UST 64Y-01 show what may have been an excavated area at the suspected location of the UST, based on the presence of a zone of disturbed soil. Representative graphic profiles for both UST locations are provided in Attachment 1.

UST Location 18-01 through 18-06

The data from the GPR survey performed at these UST locations indicate that these six tanks are not present at this location. No reflections characteristic of a UST were observed in the profiles run east to west over the six UST locations. Several utility pipes were detected in the suspected UST area. These utility pipes have been identified on the graphic profiles included in Attachment 1.

UST Location 18-07

Equipment and materials from two areas beneath the Building 11 ramp and over the suspected UST were removed by GE to permit access for the 300 megahertz transducer. Two profiles were performed over the suspected UST location beneath the ramp. No reflections characteristic of a UST were observed on the two profiles and the UST does not appear to be present at this location. The graphic profiles for UST location 18-07 are provided in Attachment 1.

UST Locations 7-02 and 7-03

The data from the GPR survey performed at these locations indicate that both USTs are not present at their suspected locations. No reflections characteristic of a UST were observed at either location on the graphic profiles or the video display monitor. At UST 7-02, the suspected location of the tank is, as per GE, believed to be partially beneath the foundation wall for Building 100. Several GPR profiles were run from the building foundation north, perpendicular to the tank and two profiles were run west to east, along the length of the UST and parallel to the foundation. Likewise, both north-south and east-west profiles were completed over the suspected location of UST 7-03. The location of two water lines were identified crossing the UST 7-03 area and are shown on the graphic profiles, however, no UST reflections were observed. Representative graphic profiles for UST locations 7-02 and 7-03 are presented in Attachment 1.

UST Location 7-04

The data collected from this location regarding the potential presence of a UST is considered inconclusive based on the initial survey (August 30, 1993) and a resurvey that was completed on September 2, 1993. The resurvey was performed to confirm the GPR data recorded on August 30, 1993, indicating the possible presence of a UST. The GPR results on September 2, 1993, indicated no positive UST reflections in the suspected UST area, however, a 15-foot by 5-foot concrete pad centered over the suspected former UST fill pipe caused severe attenuation of the GPR signal. A determination of the subsurface features beneath the pad was not possible. The UST (if present) may be located beneath the concrete pad, since the GPR profiles performed around the perimeter of this pad did not identify any positive UST reflections. Therefore, this area cannot be ruled out as a potential UST location. A representative profile for this location is provided in Attachment 1.

UST Locations Beneath Merrill Road - 12F

GPR data collected to investigate possible USTs beneath Merrill Road included three east-west profiles. The profiles were performed on the south shoulder, along the center line, and on the north shoulder of the road. Also, eight north-south profiles from the north shoulder to the south shoulder across Merrill Road were completed at locations specified by Mr. Tom Bednarz of GE.

The location of the north-south profiles ranged from 63.5 feet west of the staked location of southeast vault corner, to 57 feet east of this same location. Data from these profiles suggest that the two suspected USTs may have been removed. No GPR reflections characteristic of USTs were observed on these profiles. The graphic records for the GPR profiles described above are presented in Attachment 1.

UST Locations at the Southwest Corner of Building 59

Data collected during the GPR profiles completed at this location indicate the presence of one possible UST in the suspected area. Strong reflections characteristic of a UST were observed on both the graphic records and the video display monitor. The location of the reflections were staked in the field by Blasland & Bouck. The GPR profiles showing the suspected UST are included in Attachment 1.

Three 30,000-Gallon Tanks (Plastic) - West of Building 120X

Three 30,000-gallon USTs were suspected beneath the parking lot west of Buidling 120X and GE instructed that three GPR profiles be completed across the parking lot, perpendicular to the orientation of the three USTs. Data collected from the three GPR profiles indicate the three USTs are not

present at this location. No GPR reflections characteristic of a UST were observed on the graphic profiles or the video display monitor. The graphic profiles show what appears to be two excavated areas at the suspected UST locations. A representative graphic profile for this area is provided in Attachment 1.

UST Location at the Southeast Corner of Building 59

This location was completed at the request of Mr. Tom Bednarz of GE. A small area at the southeast corner of Building 59 was investigated to determine if a suspected UST was present. GPR reflections that were recorded adjacent to the concrete stairs suggest that a UST may be present beneath the stairs. Due to the limited area available for profiling with the antenna, and the location of the stairs, collection of subsurface data was difficult. Since additional profiling over the suspected UST could not be performed due to the concrete stairs, the limits (length and width) of the suspected UST could not be determined. The graphic profiles for this area are provided in Attachment 1.

Pipe Locations

Two areas were investigated using GPR, at the request of Mr. Tom Bednarz of GE, to determine the locations of underground pipes. GPR profiles were done at an area along the north shoulder of Merrill Road, east of Building 100, and across an open lot at the intersection of Merrill Road and New York Avenue. Along Merrill Road, three potential pipe locations were identified and were marked in the field by Mr. Tom Bednarz of GE.

In the open lot at the intersection of Merrill Road and New York Avenue, five potential pipe locations were identified and marked in the field by Mr. Tom Bednarz of GE. The graphic profiles for these areas are included in Attachment 2.

If you have any questions regarding the work completed or the information provided in this letter, please contact either Bruce Eulian in Pittsfield or me at our Syracuse office, (315) 446-9120.

Very truly yours,

BLASLAND & BOUCK ENGINEERS, P.C.

Raymond A. Wagner
Senior Project Geologist

RAW/gap
2993840J

cc: Mr. Bruce Eulian, Blasland & Bouck Engineers, P.C., Pittsfield, MA

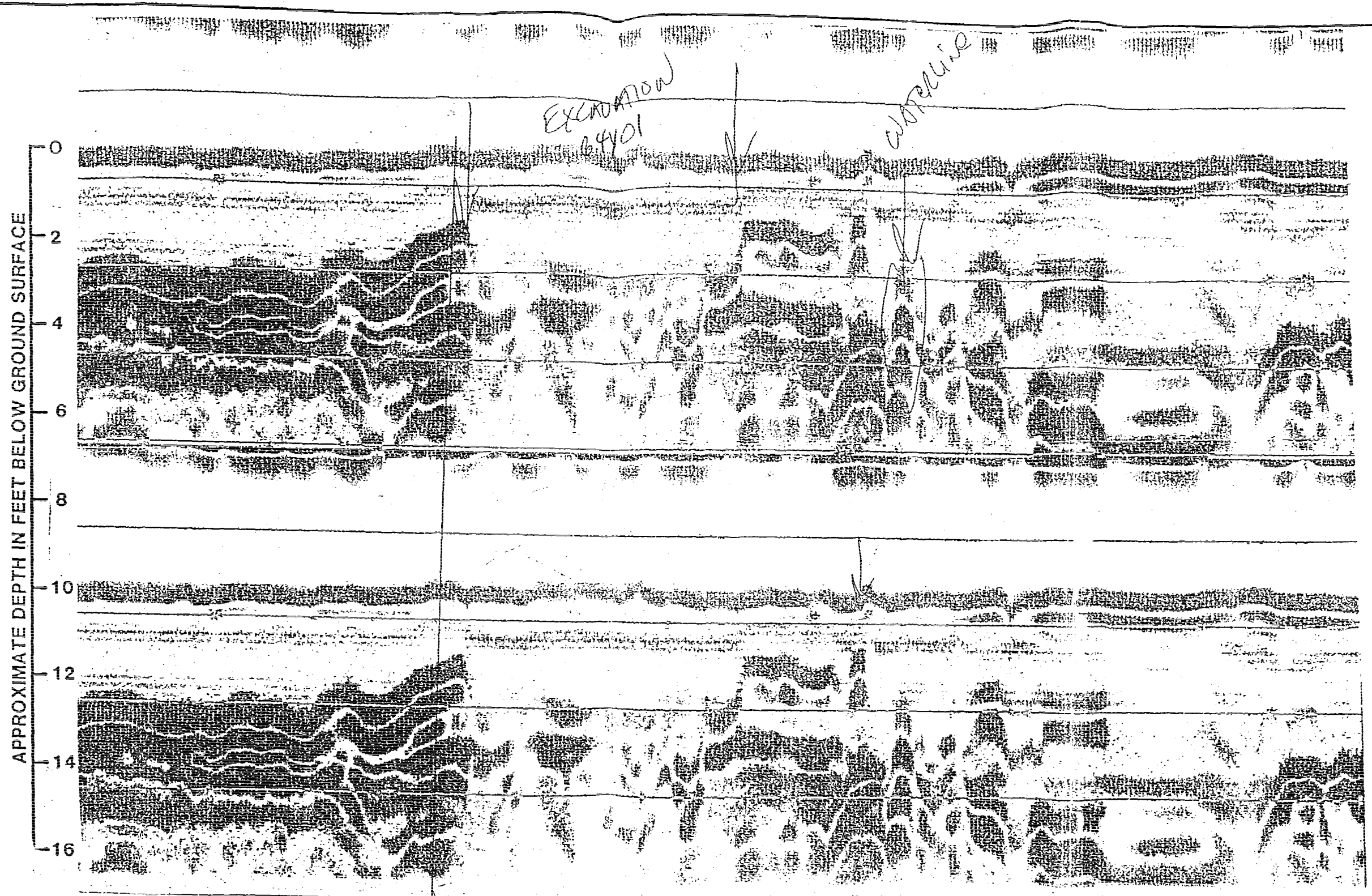
TABLE 1

SUMMARY OF GPR SURVEY RESULTS
CHARACTERIZATION OF UST LOCATIONS
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

Potential UST Location	GPR Characterization	Notes
64Y-01	No GPR reflections characteristic of a UST observed	Excavated area(s) observed on profile
64Y-02	Reflections characteristic of a UST observed	Locations marked in the field
7-02	No GPR reflections characteristic of a UST observed	
7-03	No GPR reflections characteristic of a UST observed	
7-04	Data inconclusive	Unable to observe subsurface features beneath concrete slab due to attenuation of signal
18-01	No GPR reflections characteristic of a UST observed	
18-02	No GPR reflections characteristic of a UST observed	
18-03	No GPR reflections characteristic of a UST observed	
18-04	No GPR reflections characteristic of a UST observed	
18-05	No GPR reflections characteristic of a UST observed	
18-06	No GPR reflections characteristic of a UST observed	
18-07	No GPR reflections characteristic of a UST observed	
12F (Merrill Road)	No GPR reflections characteristic of a UST observed	
Building 59 - SW Corner	Reflections characteristic of a UST observed	Locations marked in the field
Building 59 - SE Corner	Reflections characteristic of a UST observed	Locations marked in the field
West of 120X (Plastics)	No GPR reflections characteristic of a UST observed	Excavated area(s) observed on profile

ATTACHMENT 1

ATTACHMENT 2



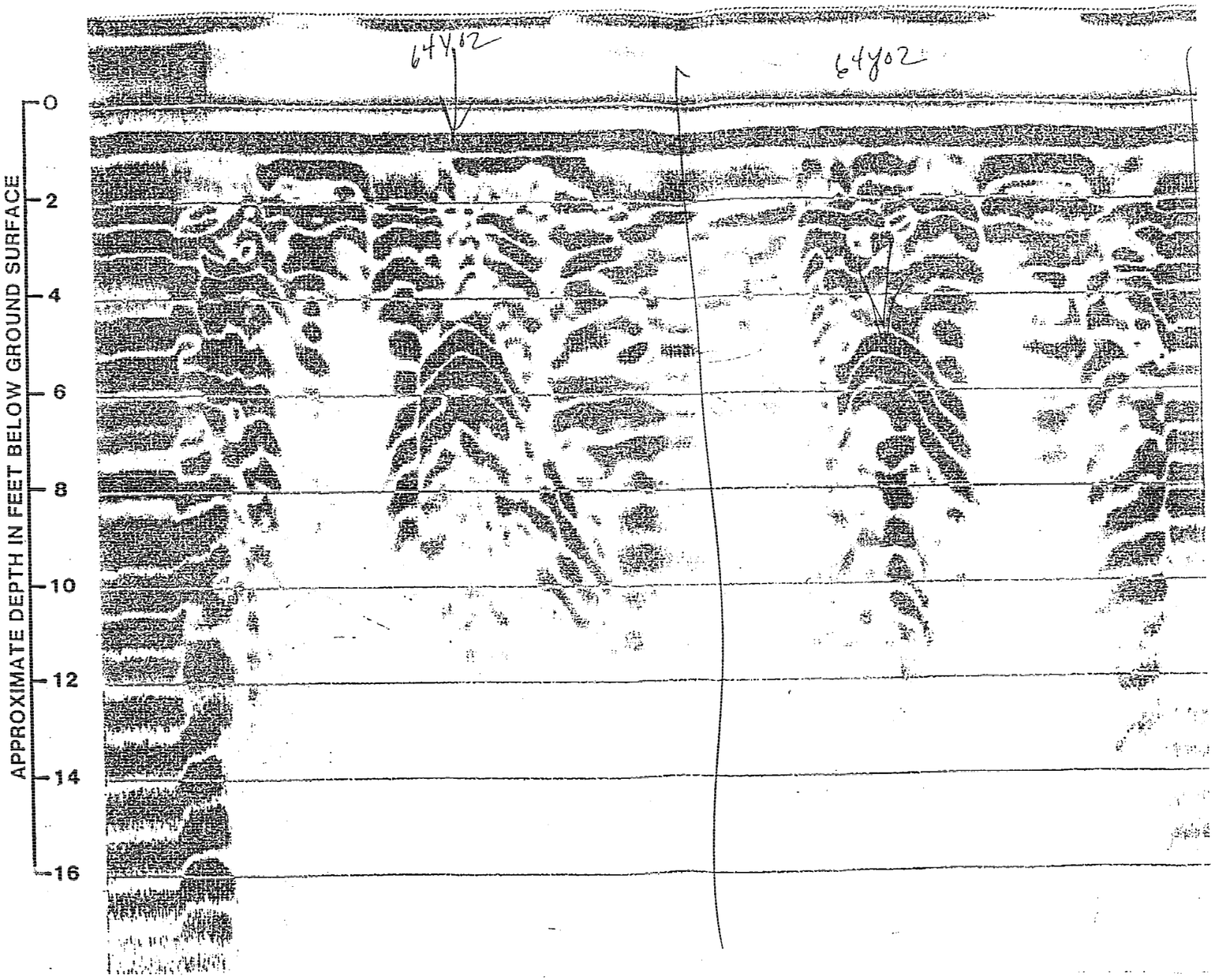
BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UST 64Y-01 - WEST OF 64Y

FIGURE 1

9/15/93 60-PBL
C:\WP\DGN\2012950\2012950A.DGN

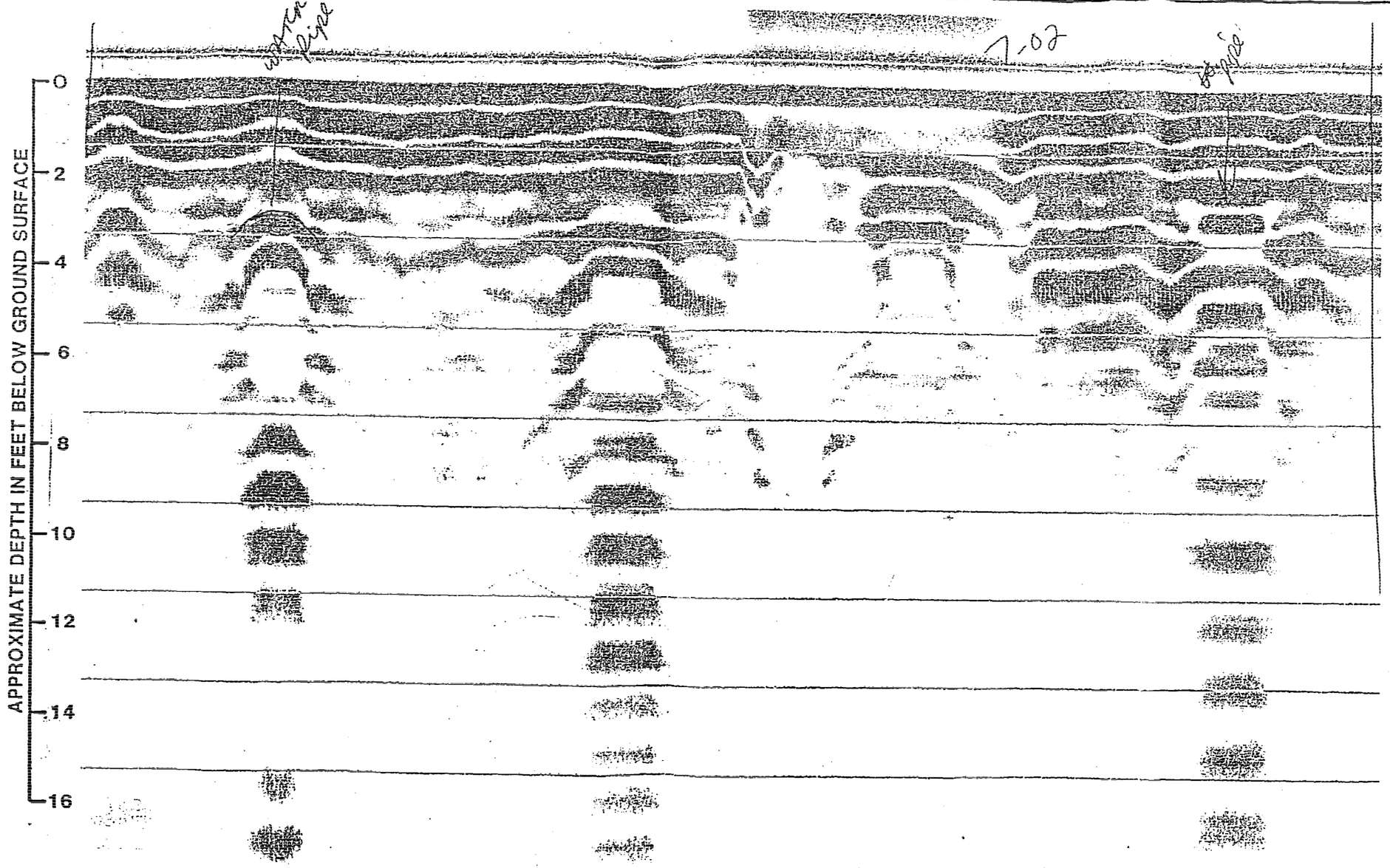


BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UST 64Y-02 - WEST OF 64Y

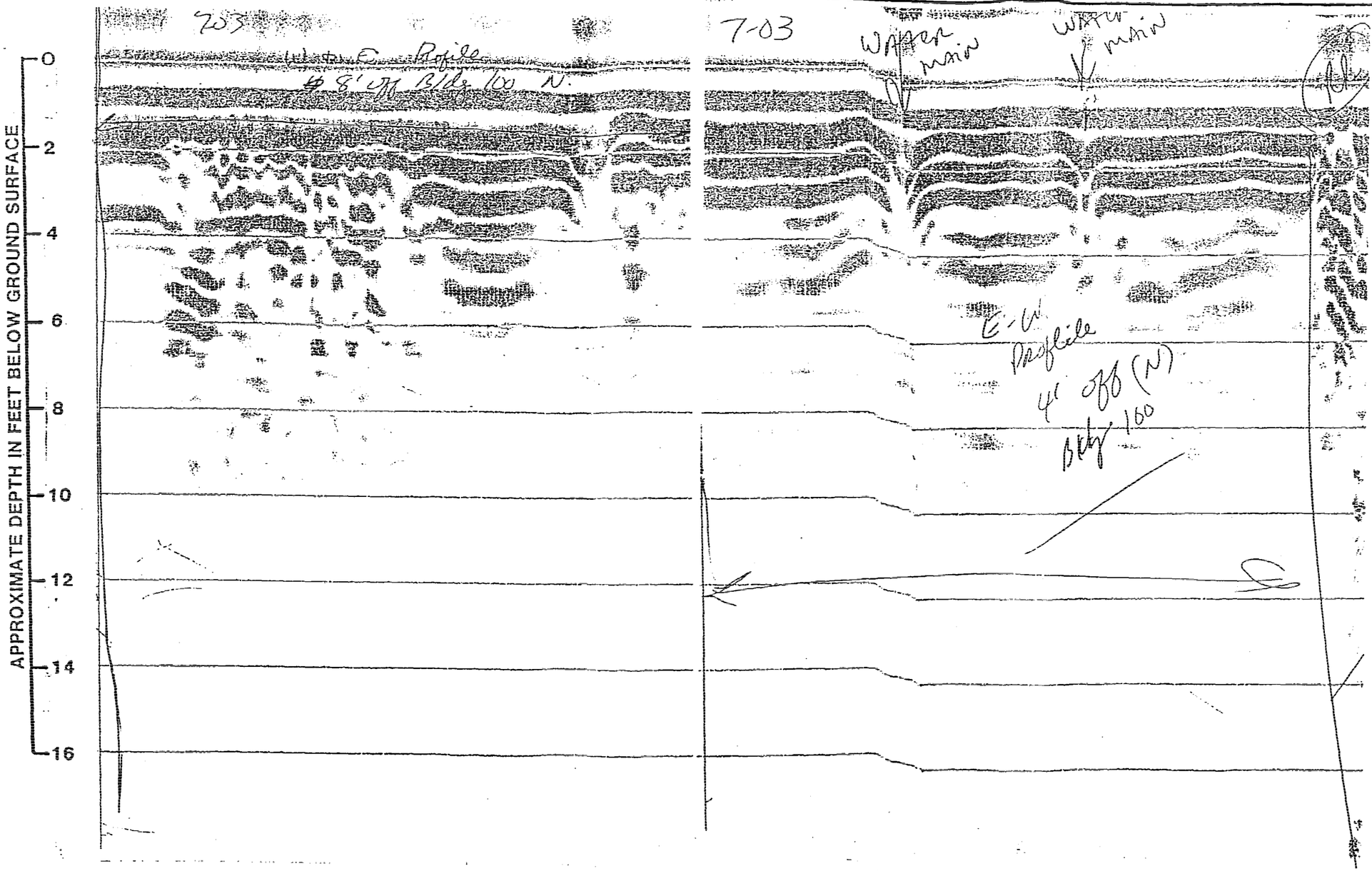
FIGURE 2



BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UST 7-02
NORTHWEST BLDG. 100



BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

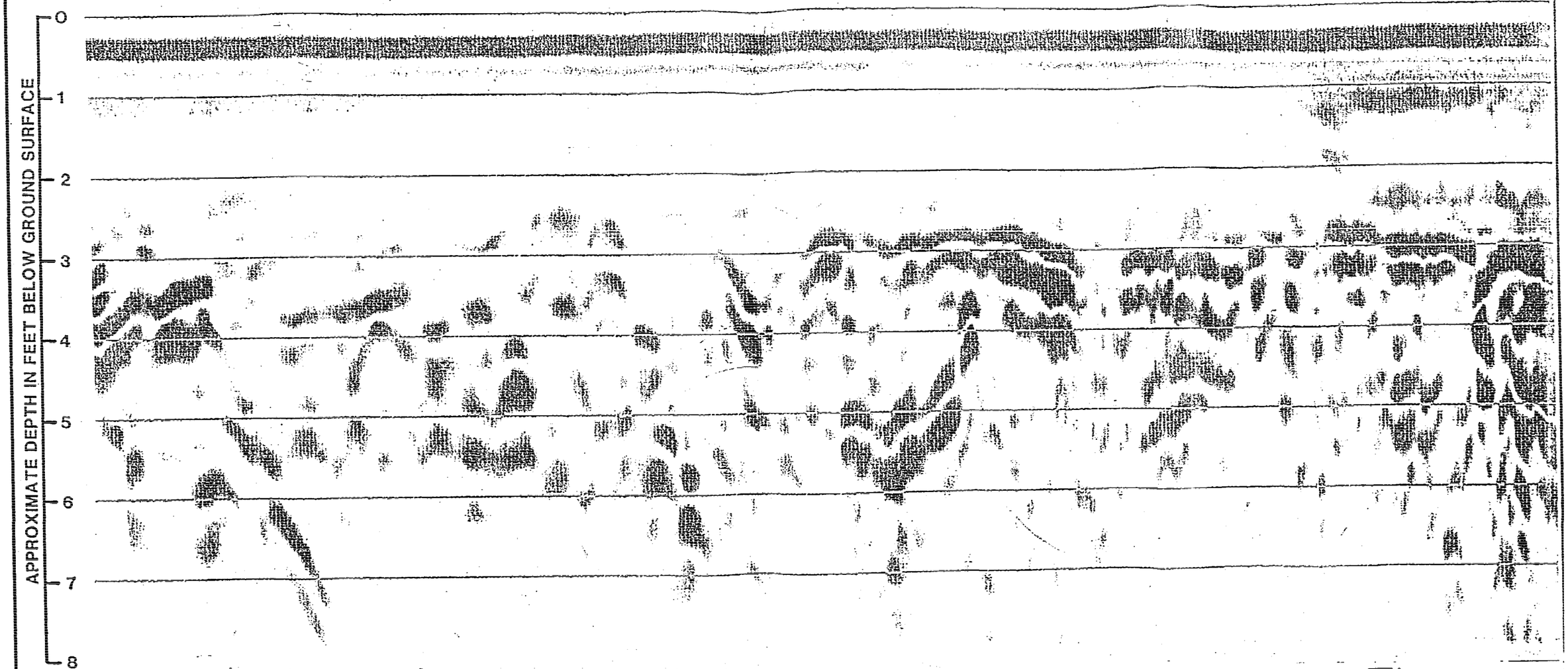
UST 7-03
NORTHWEST BLDG. 100

FIGURE
4

9/15/93 90-PGL

RAMP
UST LOCATIONS
THROUGH 1806

EAST - WEST PROFILES OF MARKED
UST LOCATIONS.



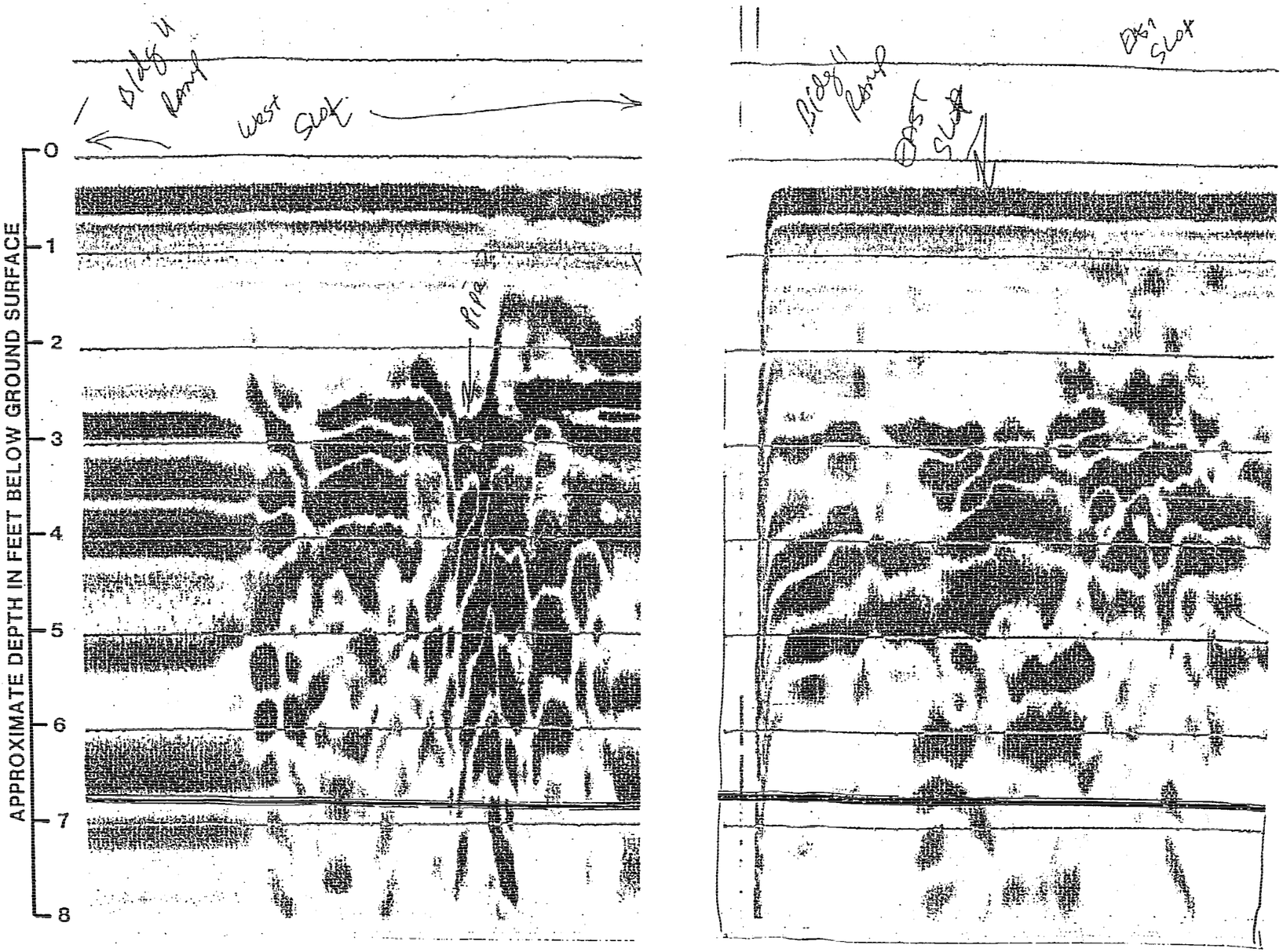
BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UST 18-01 THROUGH 18-06
EAST BLDG. 11 RAMP

FIGURE
5

9/15/83 60-P6L



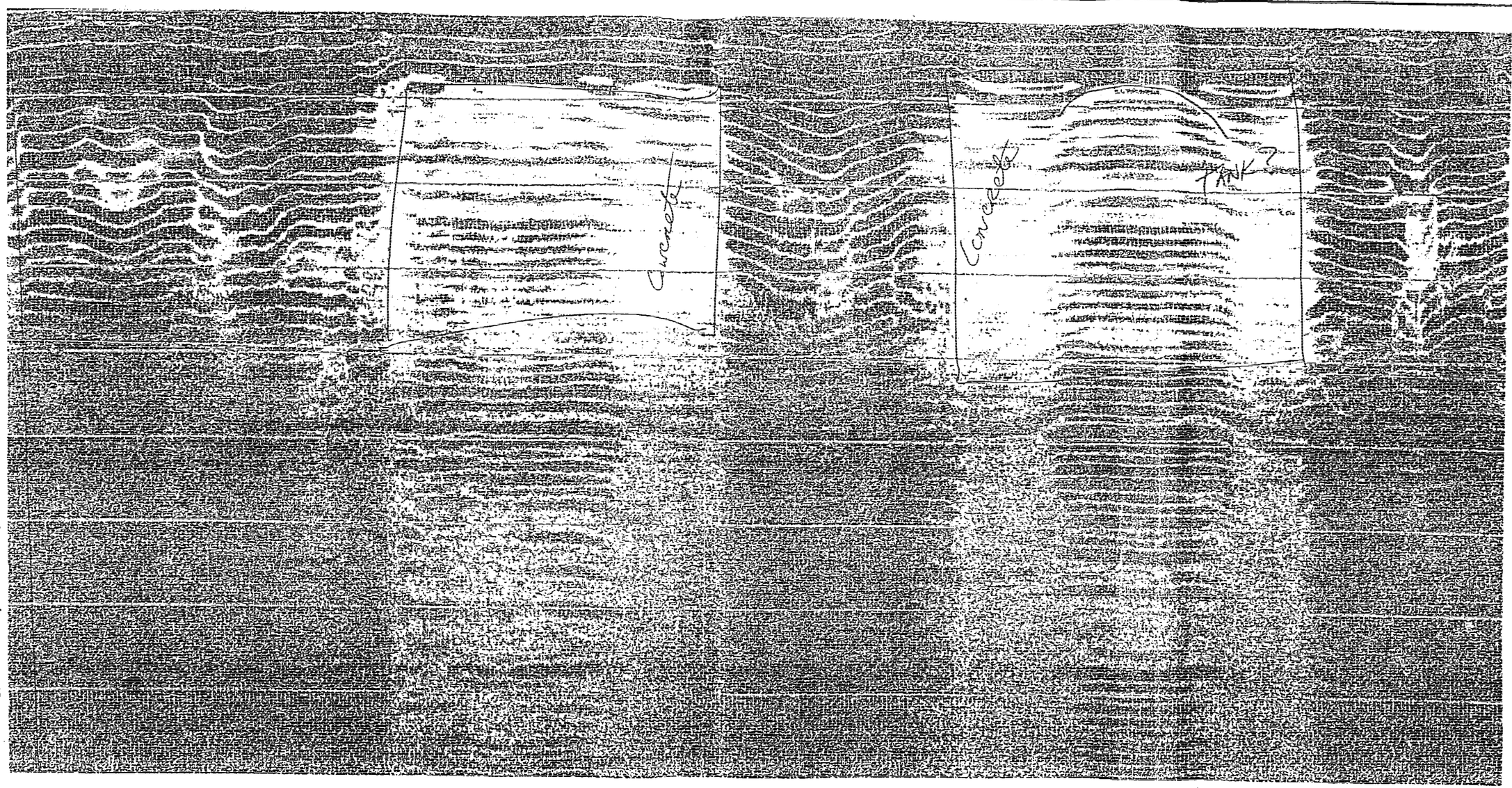
BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UST 18-07 EAST OF BLDG. 11

FIGURE 6

9/15/93 SD-PGL
C:\WP\DGN\2012930\2012950A.DGN



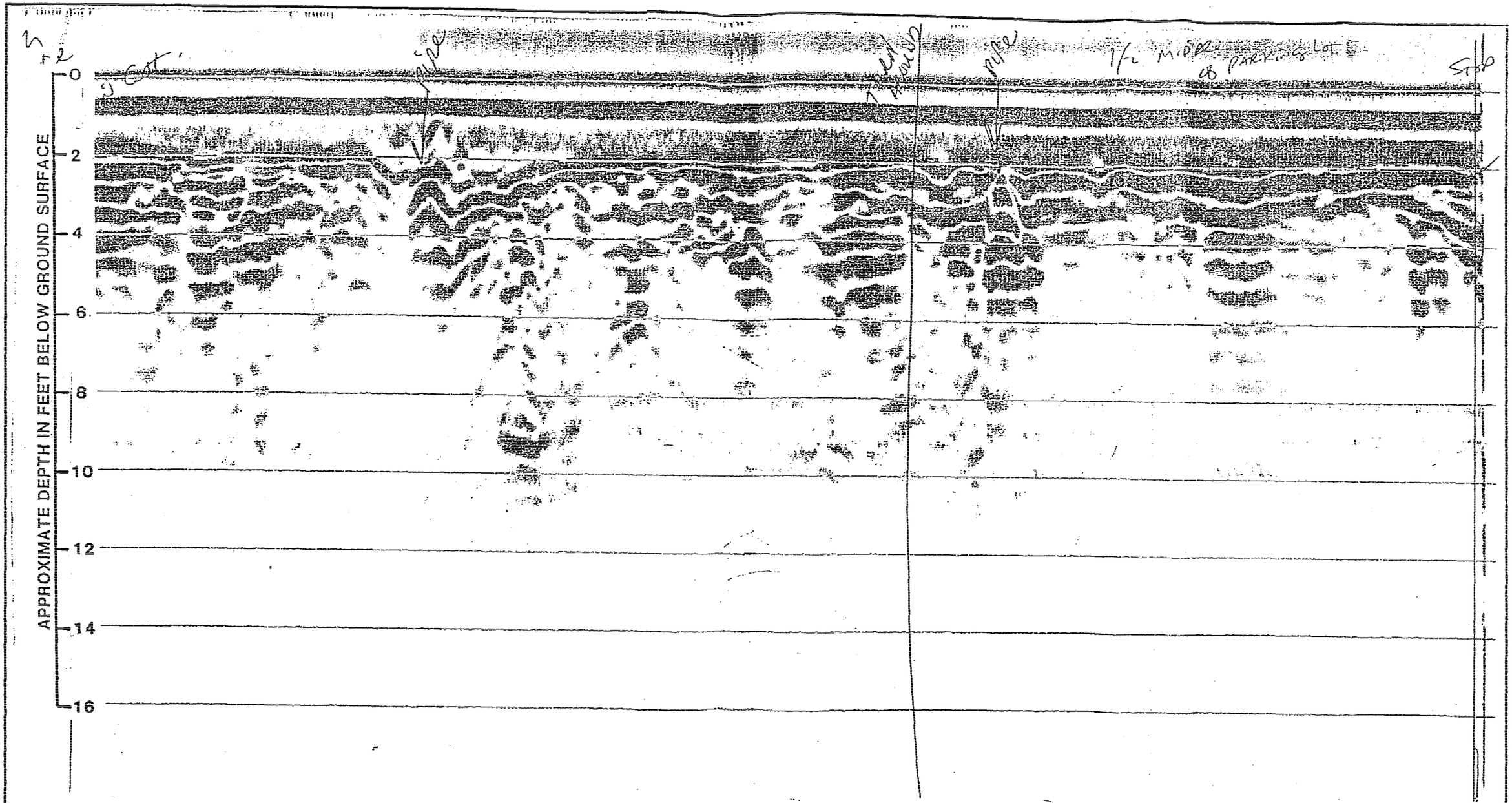
BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UST 7-04 - NORTH OF BLDG. 14 & EAST OF BLDG. 7

FIGURE 7

9/15/93 60-P6L

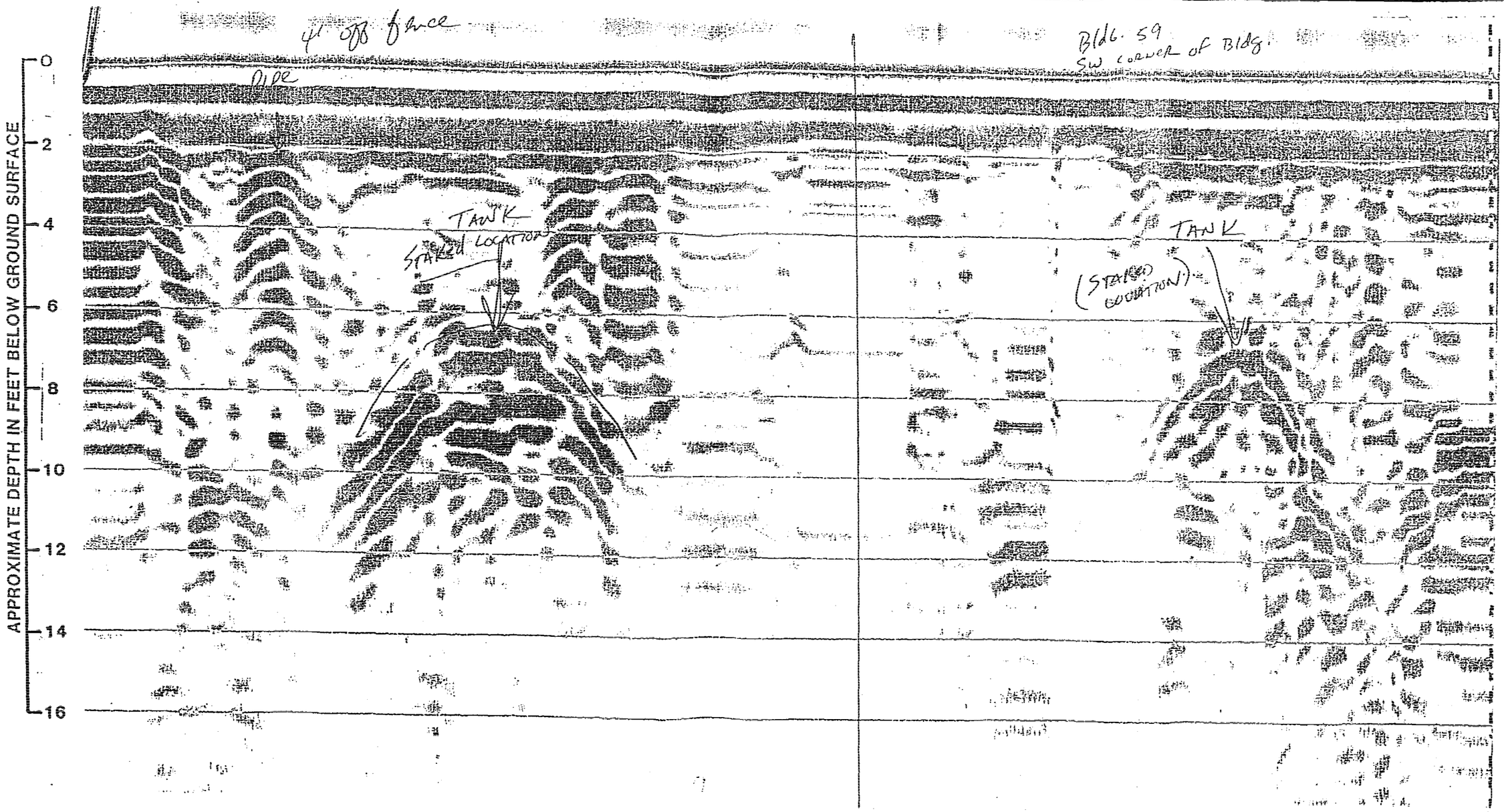


BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

30,000 GALLON USTs
(PLASTICS) WEST OF 120X

FIGURE
8



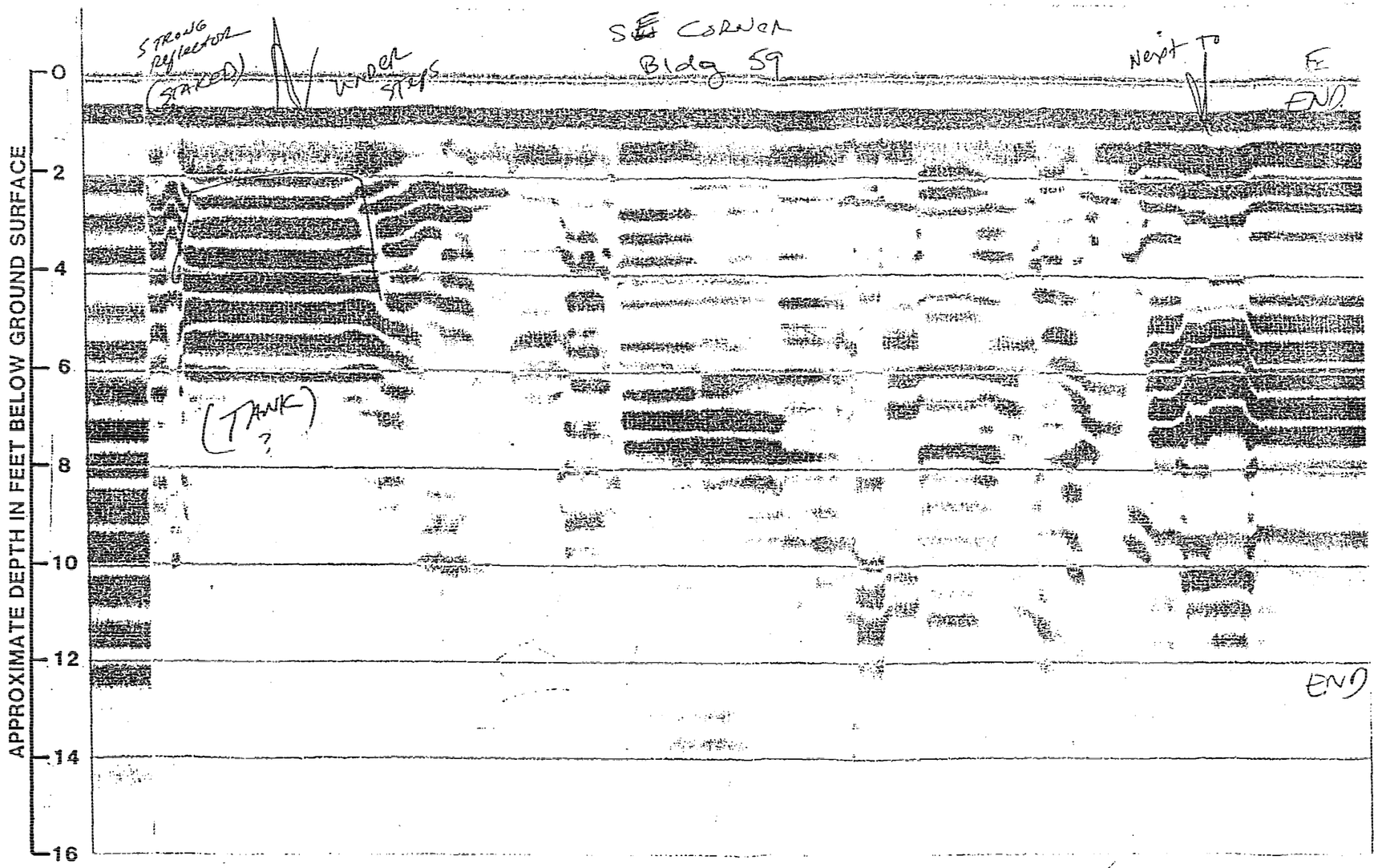
BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

2,400 AND 1,200 GALLON USTs SOUTHWEST CORNER OF BLDG. 59

FIGURE 9

8/15/93 SO-PIE



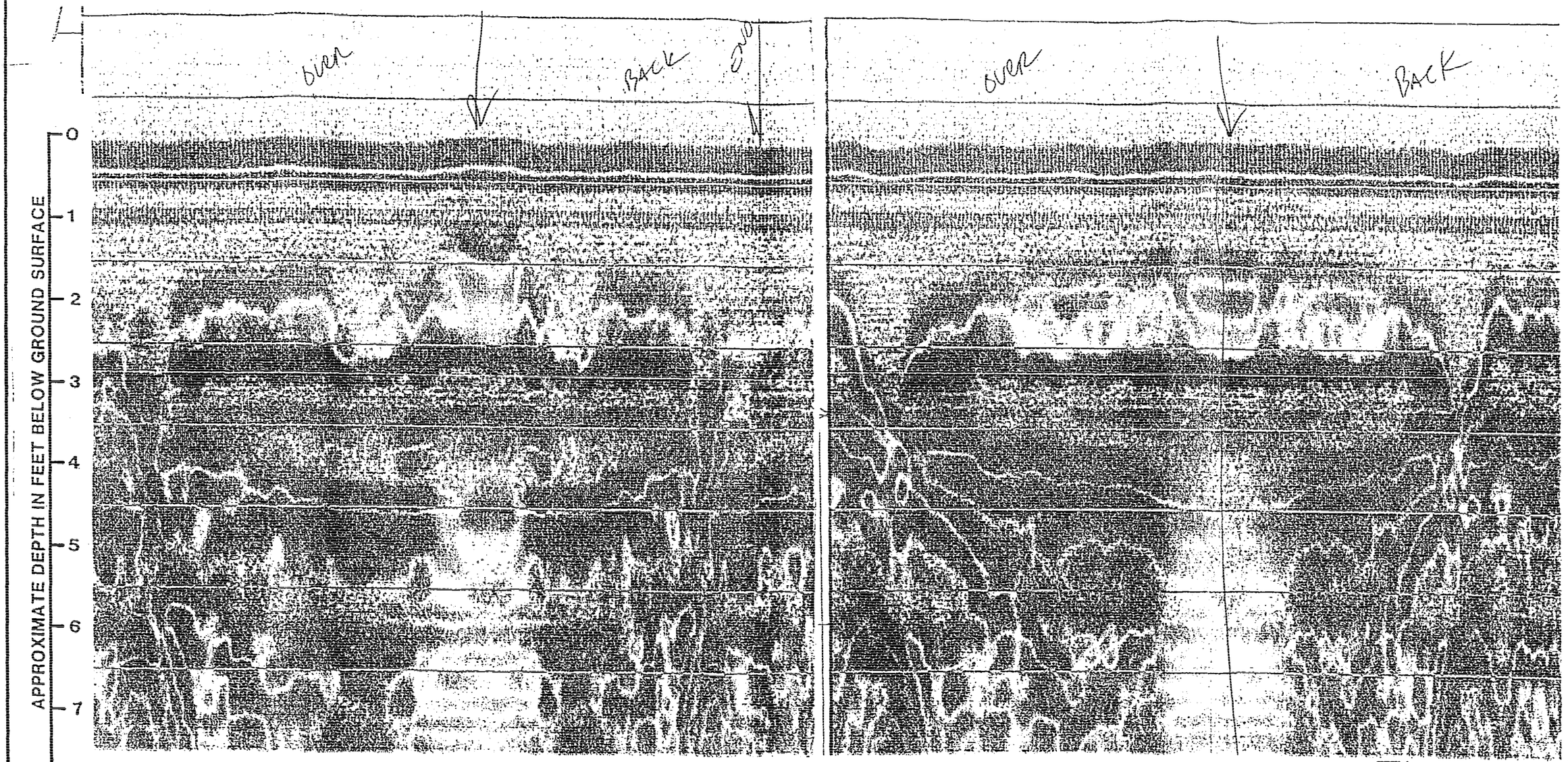
BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UST AREA - SOUTHEAST CORNER OF BLDG. 59

FIGURE 10

5/15/93 SD-PGL
D:/WP/DGH/2012850/2012850A.DGN



LINE C

LINE D

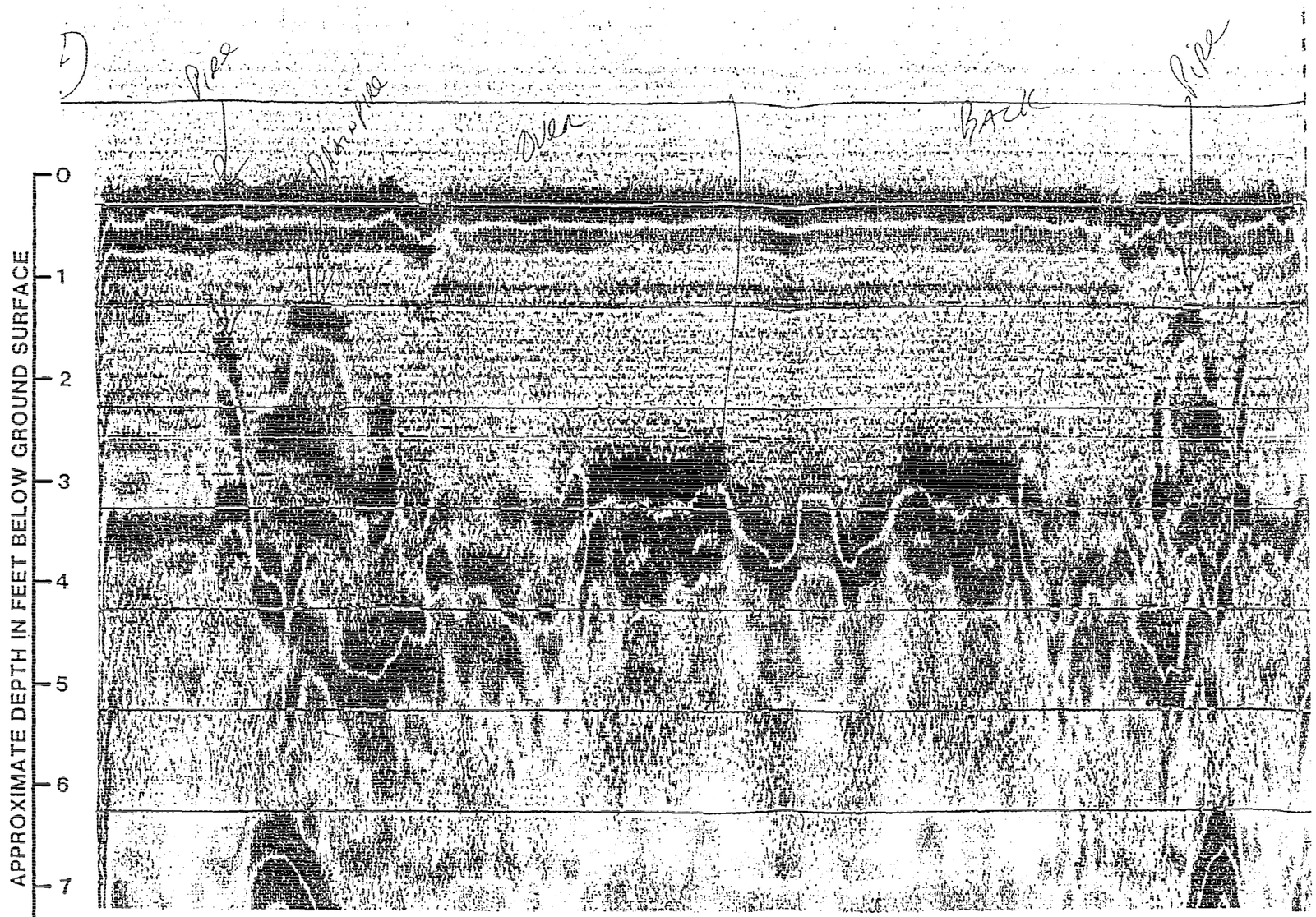
BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

USTs 12F - MERRILL ROAD
EAST OF BLDG. 100

FIGURE
11

9/15/93 60-PDL



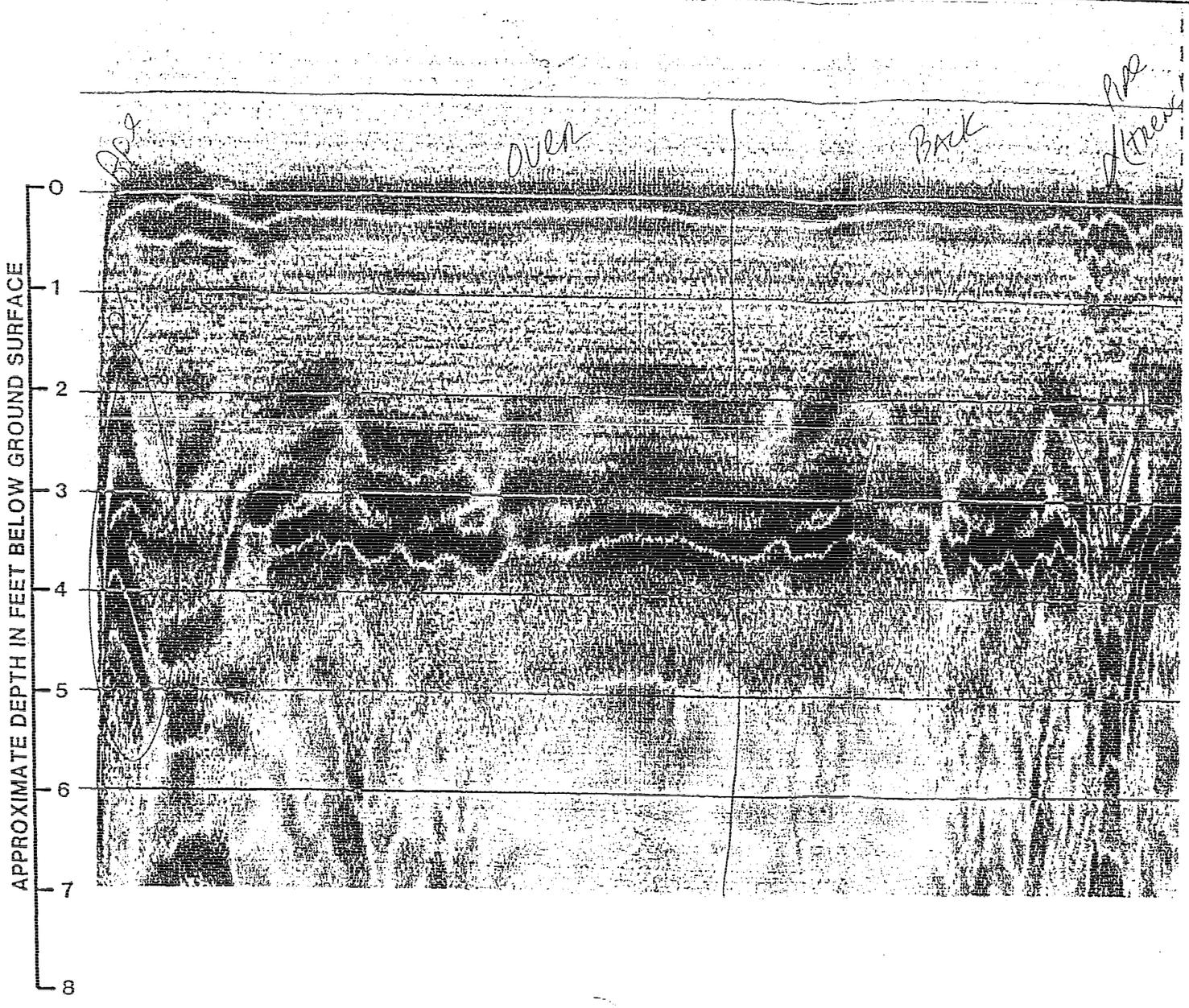
BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PIPE INVESTIGATION AREA
NORTH SHOULDER OF
MERRILL ROAD

FIGURE
12

9/15/83 60-P0L

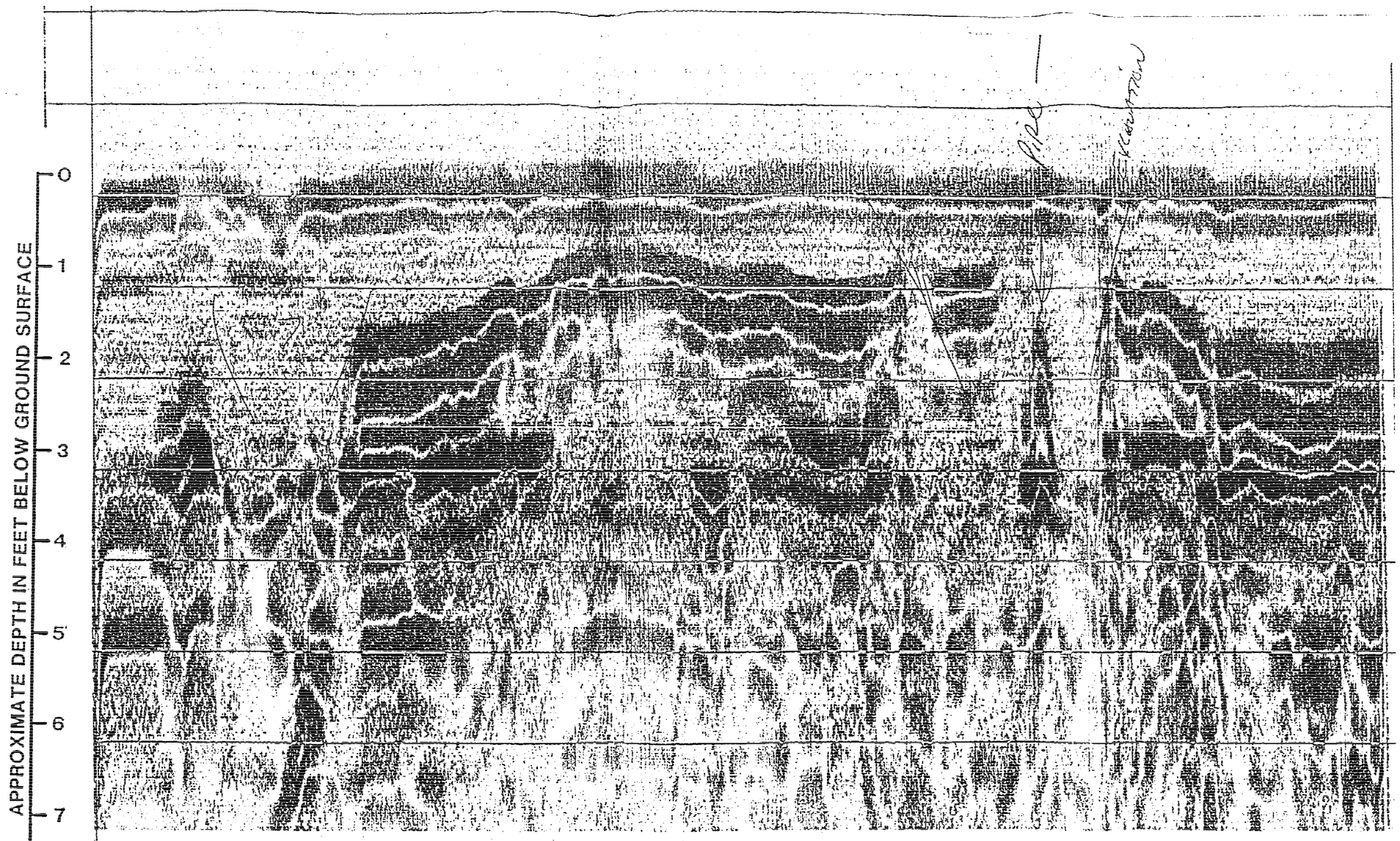


BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PIPE INVESTIGATION AREA
NORTH SHOULDER OF
MERRILL ROAD

FIGURE
12A



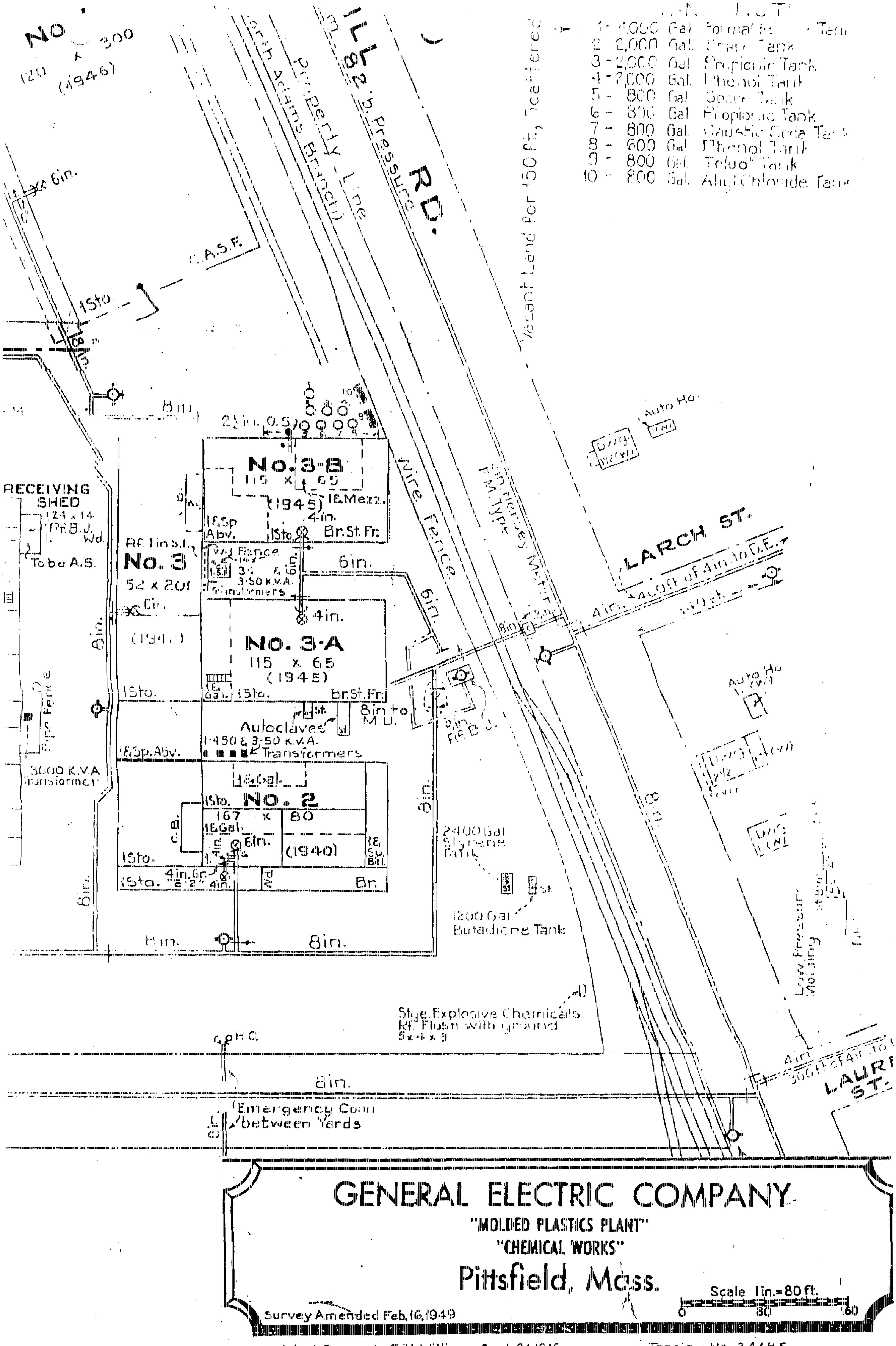
BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PIPE INVESTIGATION AREA
INTERSECTION OF MERRILL ROAD & NEW YORK AVE.

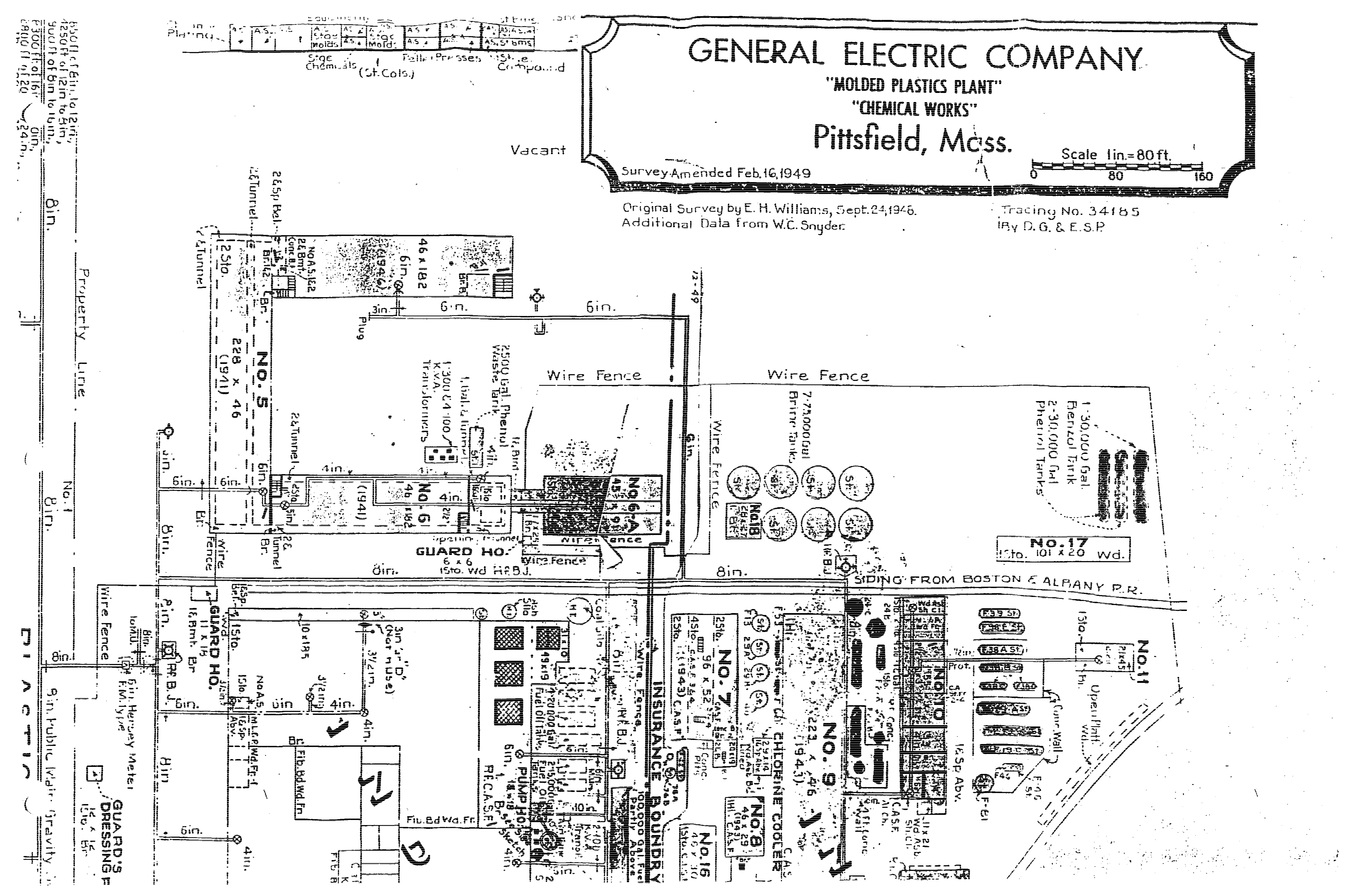
FIGURE 13

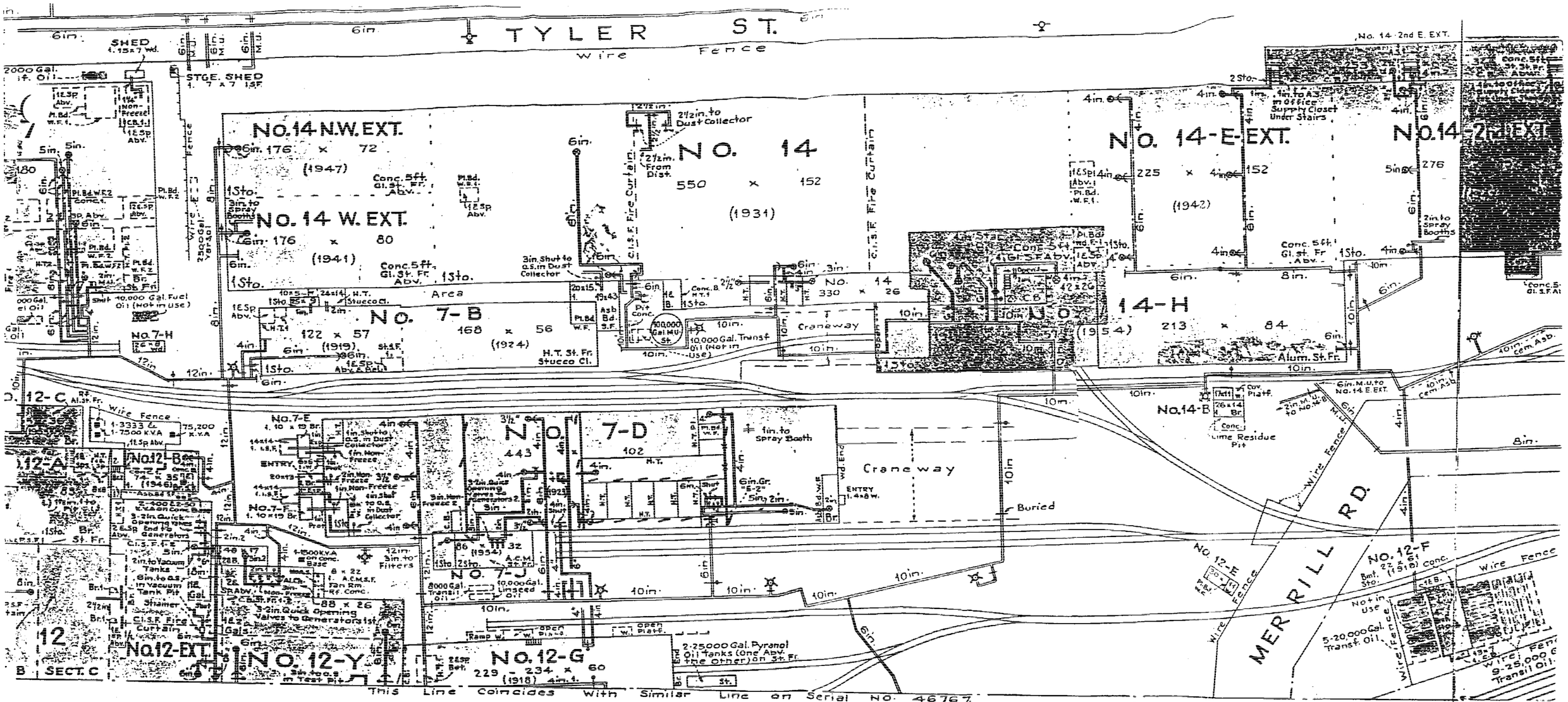
9/15/83 BD-PKL


1 - 4,000 Gal. Formald... Tank
2 - 2,000 Gal. ... Tank
3 - 2,000 Gal. Propionic Tank
4 - 2,000 Gal. Phenol Tank
5 - 800 Gal. Spare Tank
6 - 800 Gal. Propionic Tank
7 - 800 Gal. Caustic Soda Tank
8 - 600 Gal. Phenol Tank
9 - 800 Gal. Toluol Tank
10 - 800 Gal. Allyl Chloride Tank
Vacant Land For 150 Ft., Scattered
120 x 300
(1946)
6in.
C.A.S.F.
1Sto.
8in.
North Adams Branch
Property Line
Pressure
RD.
Wire Fence
F.M. Type
LARCH ST.
400 ft. of 4in. to G.E.
4in.
Auto Ho.
Dwg.
2½in. O.S.
No. 3-B
115 x 65
(1945)
1&Mezz.
1&Sp. Abv.
1Sto.
4in.
Br.St.Fr.
RECEIVING SHED
124 x 14
Rf.B.J.
1. Wd.
To be A.S.
Rf. Tin S.I.
No. 3
52 x 201
W.I. Fence
3-50 K.V.A. Transformers
6in.
No. 3-A
115 x 65
(1945)
1Sto.
br.St.Fr.
8in to M.U.
Pipe Fence
Autoclaves
1-450 & 3-50 K.V.A. Transformers
1&Sp.Abv.
3000 K.V.A. Transformer
1&Gal.
No. 2
167 x 80
(1940)
1&Sp.Bel.
C.B.
4in.Gr.
1Sto. "E 2" 4in.
Br.
2400 Gal. Styrene Tank
1200 Gal. Butadiene Tank
Stge. Explosive Chemicals
Rf. Flush with ground
5 x 4 x 3
Low Pressure Molding
8in.
Emergency Conn between Yards
4in.
300 ft. of 4in. to
LAUREL ST.
GENERAL ELECTRIC COMPANY
"MOLDED PLASTICS PLANT"
"CHEMICAL WORKS"
Pittsfield, Mass.
Scale 1in.=80ft.
0 80 160
Survey Amended Feb.16,1949

Original Survey by E.H. Williams. Sept.24,1946.

Tracing No. 34185


GENERAL ELECTRIC COMPANY
"MOLDED PLASTICS PLANT"
"CHEMICAL WORKS"
Pittsfield, Mass.
Scale 1in.=80 ft.
0 80 160
Survey Amended Feb.16,1949
Original Survey by E. H. Williams, Sept.24,1946.
Additional Data from W.C. Snyder.
Tracing No. 34185
By D. G. & E.S.P.
Vacant
Property Line
Wire Fence
NO. 5
228 x 46
(1941)
2 Sto.
46 x 182
(1946)
NO. 6
46 x 182
(1941)
No. 6-A
GUARD HO.
6 x 6
1Sto. Wd Hf.B.J.
GUARD HO.
11 x 18
1 & Bmt. Br
GUARD'S DRESSING
No. 17
1 Sto. 101 x 20 Wd.
SIDING FROM BOSTON & ALBANY R.R.
7-73,000 Gal Brine Tanks
1-30,000 Gal. Benzol Tank
2-30,000 Gal Phenol Tanks
2,500 Gal. Phenol Waste Tank
1-300 & 4-100 K.V.A. Transformers
No. 18
NO. 7
96 x 52
(1943) C.A.S.F.
NO. 8
46 x 29
(1943)
NO. 9
223 x 46
(1943)
NO. 10
NO. 11
No. 16
46 x 30
INSURANCE BOUNDRY
CHLORINE COOLER
PUMP HO.
100,000 Gal. Fuel Partly Above
2-15,000 Gal Fuel Oil Tanks
1-20,000 Gal Fuel Oil Tanks
Fib. Bd Wd. Fr.
Open Platf. Wd.
Conc. Wall
1 & Sp. Abv.
8in. Public Water Gravity
6 in. Hersey Meter F.M. Type
Plug
Stge Chemicals
Stge Molds
Presses
Stge Compound
(St. Cols.)
Planing
No. 1
8in.
6in.
4in.
3in.



FOR REMAINDER OF PLAN SEE SERIAL NOS. 46761, 46762, 46764, 46765, 46766, 46767, 46768, 46769, 46770, 46771 & 46772

GENERAL ELECTRIC COMPANY
Pittsfield, Mass.
INDEX NO. 10062-.1 SERIAL NO. 46763
Scale 1in. = 60ft.

GENERAL ELECTRIC COMPANY, et.al.

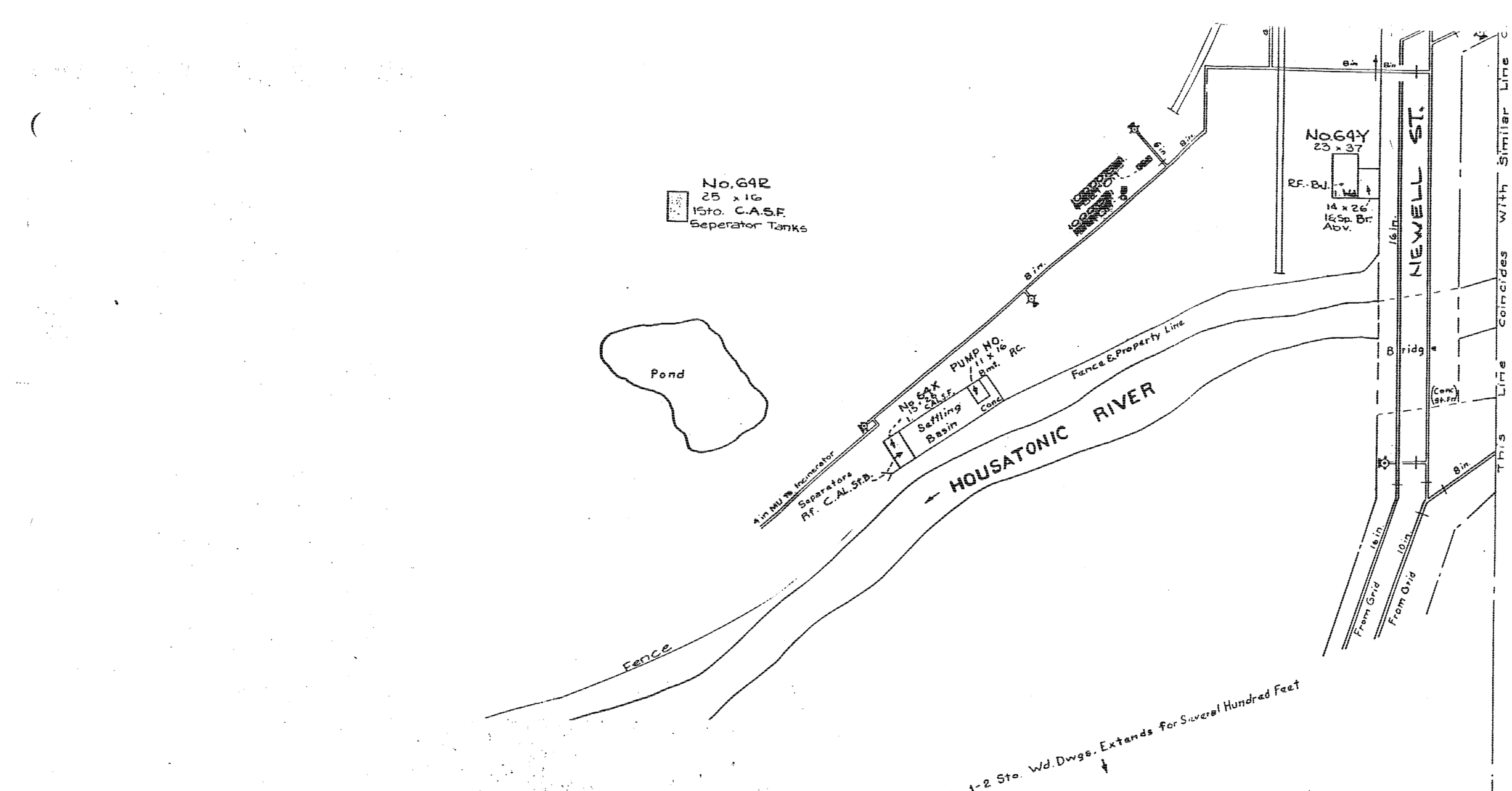
Pittsfield, Mass.

Surveyed By G.J. Hughes 1-21-69
Date Rev. 11-16-82

Scale 1in.= 300ft.
By A.L. Brundige

FACTORY MUTUAL ENGINEERING ASSOCIATION
Factory Mutual System
1151 BOSTON – PROVIDENCE TURNPIKE, NORWOOD, MASS. 02062

SERIAL 82643B
10062
INDEX 10062.1



GENERAL ELECTRIC COMPANY, et.al.

Pittsfield, Mass.

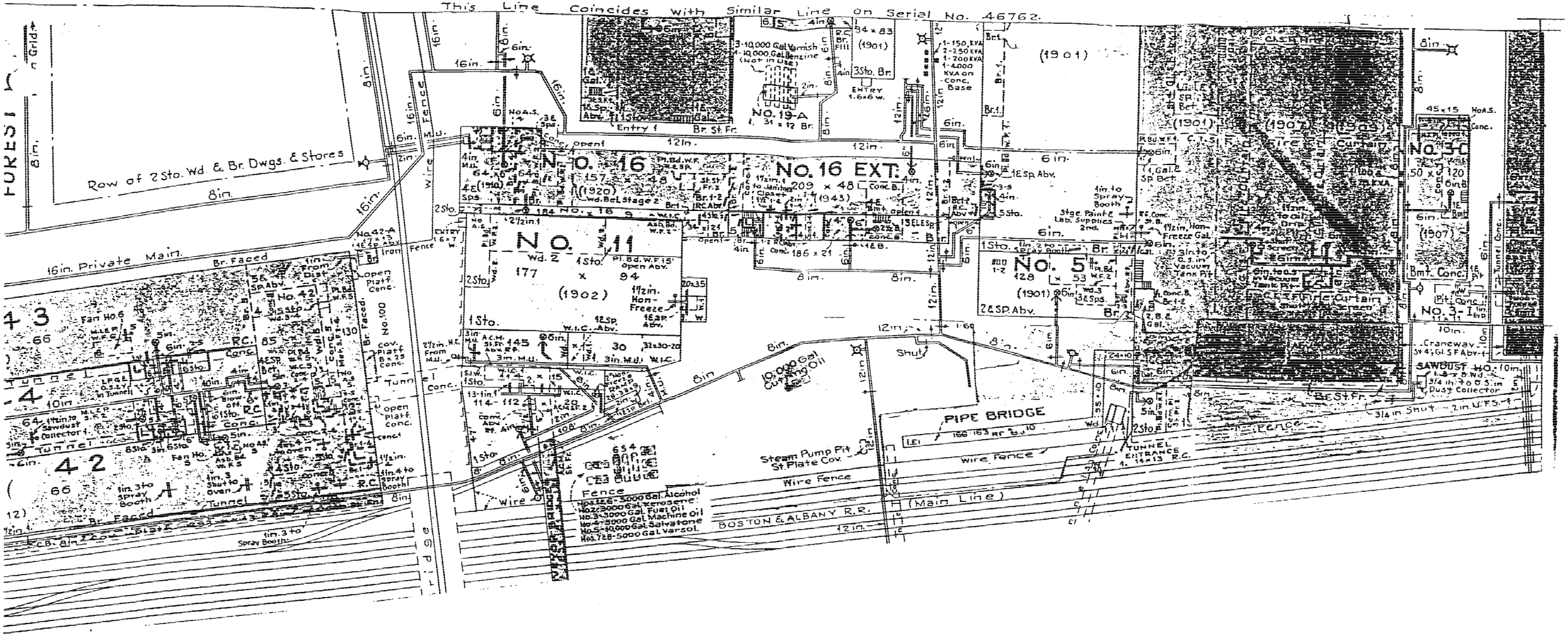
Surveyed By G.J. Hughes 1-21-69 — Scale 1in.= 300ft
Date Rev. 11-16-82 — By A.L. Brundige

FACTORY MUTUAL ENGINEERING ASSOCIATION
Factory Mutual System
1151 BOSTON-PROVIDENCE TURNPIKE, NORWOOD, MASS. 02062

SERIAL 82643B
10062
INDEX 10062.1

This Line Coincides With Similar Line on Serial No. 82644A

FOR REMAINDER OF PLAN SEE SERIAL NO. 82644A



GENERAL ELECTRIC COMPANY, et.al.

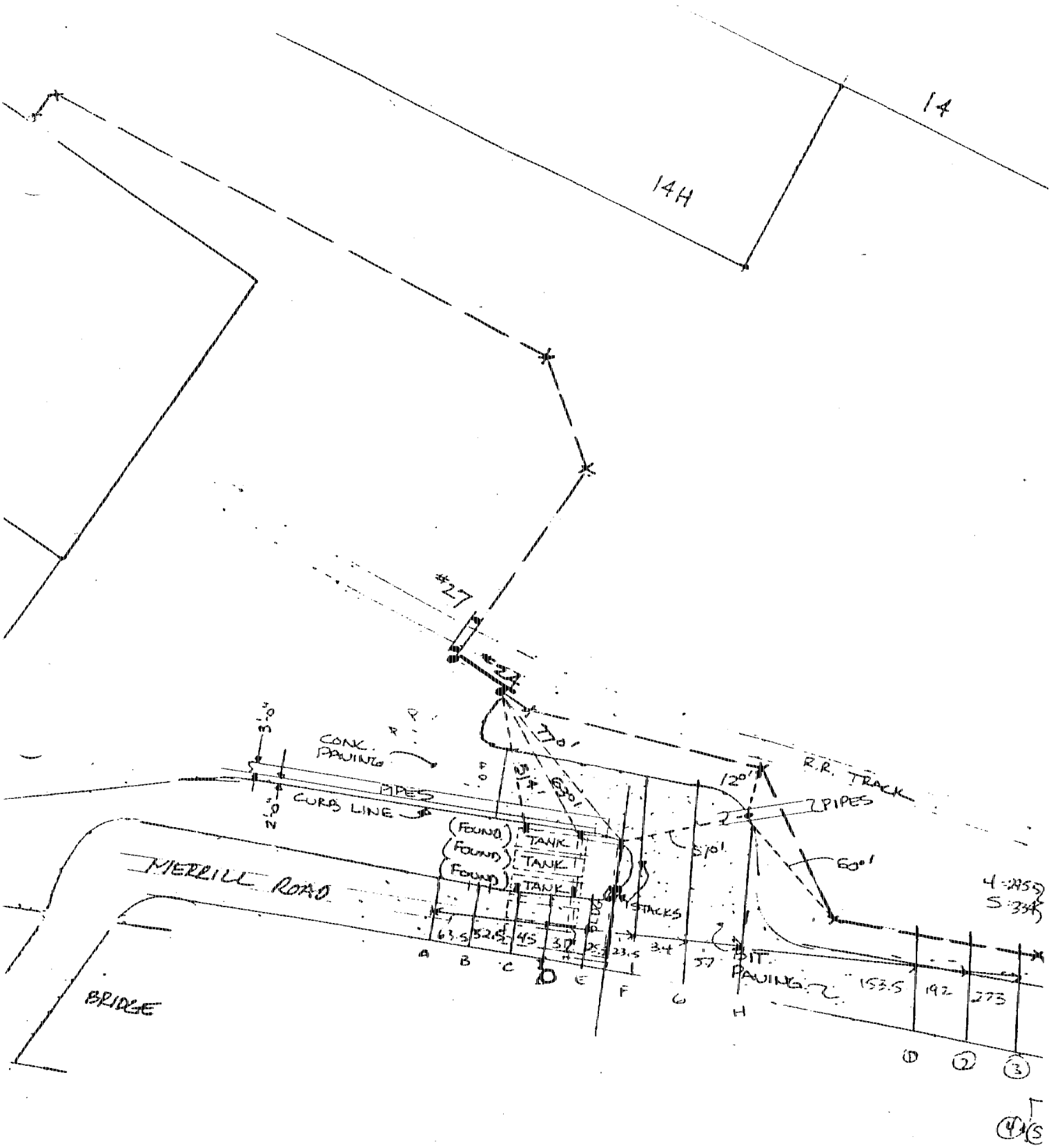
Pittsfield, Mass.

Surveyed By G.J. Hughes 1-21-69
Date Rev. 11-16-82

Scale 1in.= 300ft.
By A.L. Brundige

FACTORY MUTUAL ENGINEERING ASSOCIATION
Factory Mutual System
1151 BOSTON-PROVIDENCE TURNPIKE, NORWOOD, MASS. 02062

SERIAL 82643B
10062
INDEX 10062.1


14
14H
27
24
170'
3'-0"
CONC. PAVING
CURB LINE
PIPES
(FOUND)
TANK
MERRILL ROAD
BRIDGE
63.5
52.5
45
37
25
23.5
34
37
A
B
C
D
E
F
G
H
STACKS
PLUG
120°
R.R. TRACK
2 PIPES
60°
S10°
BIT. PAVING
153.5
192
273
1
2
3
4
5

BLASLAND & BOUCK ENGINEERS, P.C.
ENGINEERS & GEOSCIENTISTS
6723 Towpath Road, Box 66, Syracuse, New York 13214-0066 (315) 446-9120
FAX: (315) 449-0017

August 2, 1993

Mr. Jeffrey G. Ruebesam, Manager
Environmental Compliance
Area Environmental & Facility Program
General Electric Company
100 Woodlawn Avenue
Pittsfield, MA 01201

Re: GE - Pittsfield
GPR Survey
Buildings 41-A & 100

File: 201.17 #2
201.29 #2

Dear Mr. Ruebesam:

On Tuesday, July 20, 1993, Blasland & Bouck Engineers, P.C. (Blasland & Bouck) performed Ground Penetrating Radar (GPR) surveys at the GE Facility in Pittsfield, Massachusetts. The GPR surveys were conducted in two areas: adjacent to Building 41-A, east side; and east of Building 100, along Merrill Road.

The purpose of the GPR surveys was to collect the necessary data to determine if suspected underground storage tanks (USTs) were present at these locations. At Building 41-A, one UST was suspected to be present along the southeast corner of the building. At Building 100, GE drawings indicated that up to 15 USTs may be present in a former tank field area. A discussion of the survey procedures, equipment, and our findings is provided below.

GPR Survey Procedures and Equipment

The GPR surveys were performed in the areas suspected of having the USTs as identified by GE and Blasland & Bouck personnel. GPR equipment used during the surveys included:

- A Geophysical Survey Systems, Inc. (GSSI) System-3, subsurface interfacing radar unit;
- A 300 megahertz and a 500 megahertz transducer;
- A Model 38 video display unit and color monitor; and

- A Model PR-8300 graphic recorder.

The GPR field survey began at Building 41-A using a 500 megahertz transducer. Calculations for the equipment's range and filter settings were completed based on the estimated target depth and the two-way travel time in the site soils. Using this information and the known pulse width of the 500 megahertz transducer, the center frequency of the data was determined and the high and low pass filters were set to levels below and above the center data frequency. The surface, deep, and center gains were also adjusted to provide the best resolution of the subsurface data.

Several north-south and east-west profiles were performed over the suspected UST area with the 500 megahertz transducer. Due to the concrete pavement and the reinforced concrete ramp present in this area, the resolution and survey depth of the 500 megahertz transducer were not satisfactory to determine if a UST was present. The 500 megahertz transducer was switched with a 300 megahertz transducer and the GPR system was readjusted (gains and filters) for the 300 megahertz transducer.

Several north-south and east-west profiles were performed using the 300 megahertz transducer over the suspected UST area. The resolution and survey depth were determined to be adequate to identify the presence or absence of the UST. Several strong reflectors were recorded in the suspected UST area. The apparent locations of these reflections were marked on the pavement by Blasland & Bouck personnel.

The GPR survey of the Building 100 area was also performed using the 300 megahertz transducer and the same equipment settings described above. A temporary 5-foot by 10-foot grid system was marked on the paved area of the site to provide horizontal control. North-south profiles were performed across the entrance road to the Building 100 area, from Merrill Road to the security gate/fence for Building 100. The output from the graphic recorder and color video display monitor were used simultaneously to review the data. Based on this data, locations of possible underground pipes and tanks were marked in the field by Mr. Tom Bednarz of GE.

GPR Survey Results

Building 41-A Area

The data from the GPR survey performed at Building 41-A indicates that a UST is present in the suspected area. Strong reflections observed both on the graphic records and the video display monitor are consistent with data associated with a UST. Based on these data, the approximate limits (length and width) of the UST was marked out by Blasland & Bouck.

Building 100 Area

The data from the GPR survey performed at Building 100 indicates the following:

- Underground piping appears to be present at locations beneath the entranceway for Building 100;
- Three USTs appear to be present beneath the area between Merrill Road and the entranceway to Building 100. Two other USTs adjacent to the three tanks identified may be present beneath Merrill Road, however, this area was off-site per GE, and GPR was not completed to confirm if these tanks are present within the roadway.

Additional GPR profiling was performed east of the location where the first three USTs were identified to determine if two more potential groups of five USTs were present. Profiles were run at about 10-foot spacings as far east as possible, to the limit of the accessible area along Merrill Road. The GPR data did not identify USTs in this area of the site. This area appeared to contain fill materials to an approximate depth of 8 to 10 feet below grade. The graphic profiles were reviewed on-site by Mr. Tom Bednarz of GE. The potential locations of USTs and underground piping were marked in the field by Mr. Tom Bednarz of GE. Following the completion of the GPR survey at Building 100, the graphic profiles for both areas (Building 41-A and Building 100) were given to GE for additional review.

If you have any questions regarding work performed or the information provided in this letter, please contact either Bruce Eulian in Pittsfield or me at our Syracuse office, (315) 446-9120.

Very truly yours,

BLASLAND & BOUCK ENGINEERS, P.C.

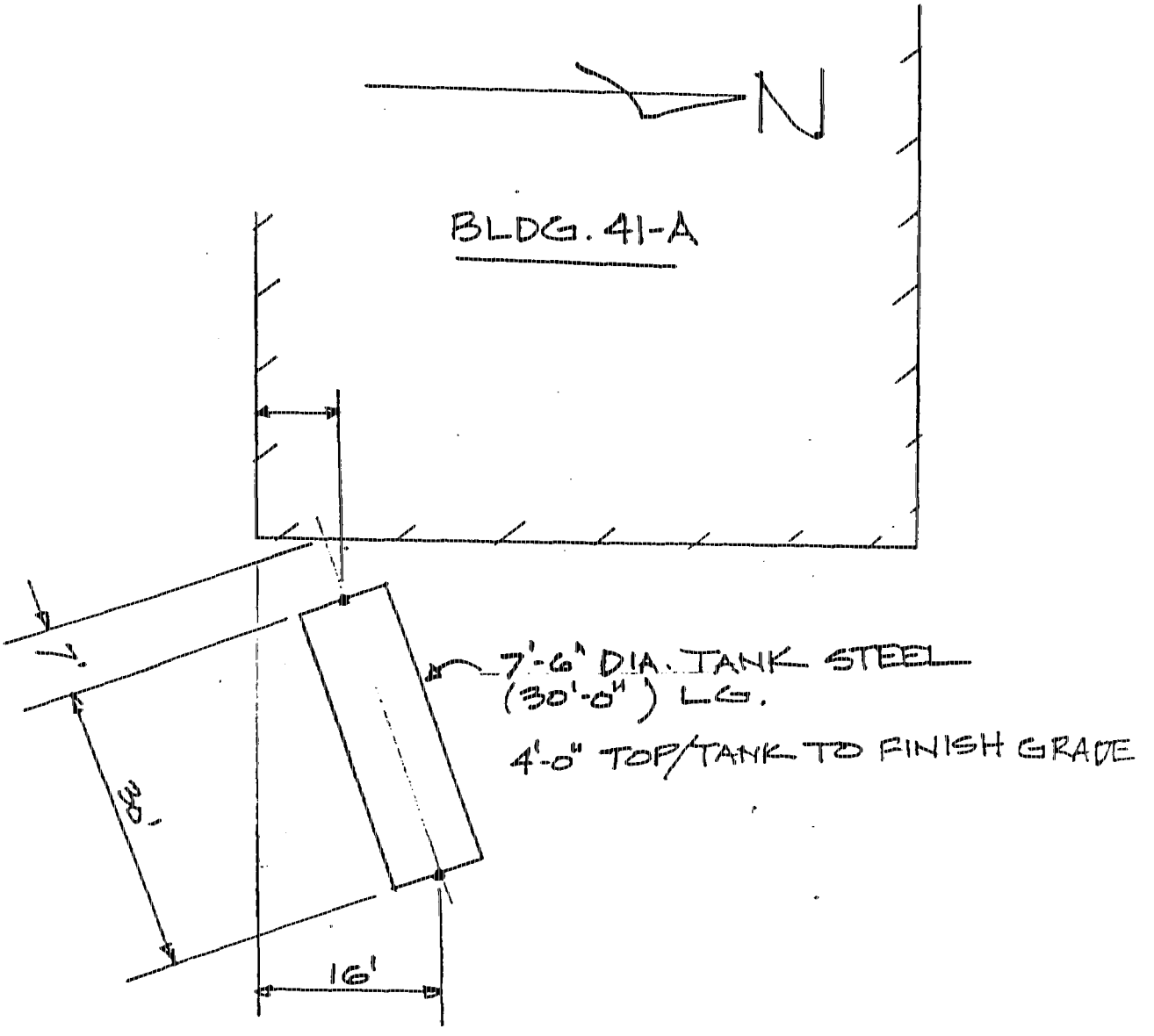
Raymond A. Wagner

Raymond A. Wagner
Senior Project Geologist

RAW/gap
1093840G

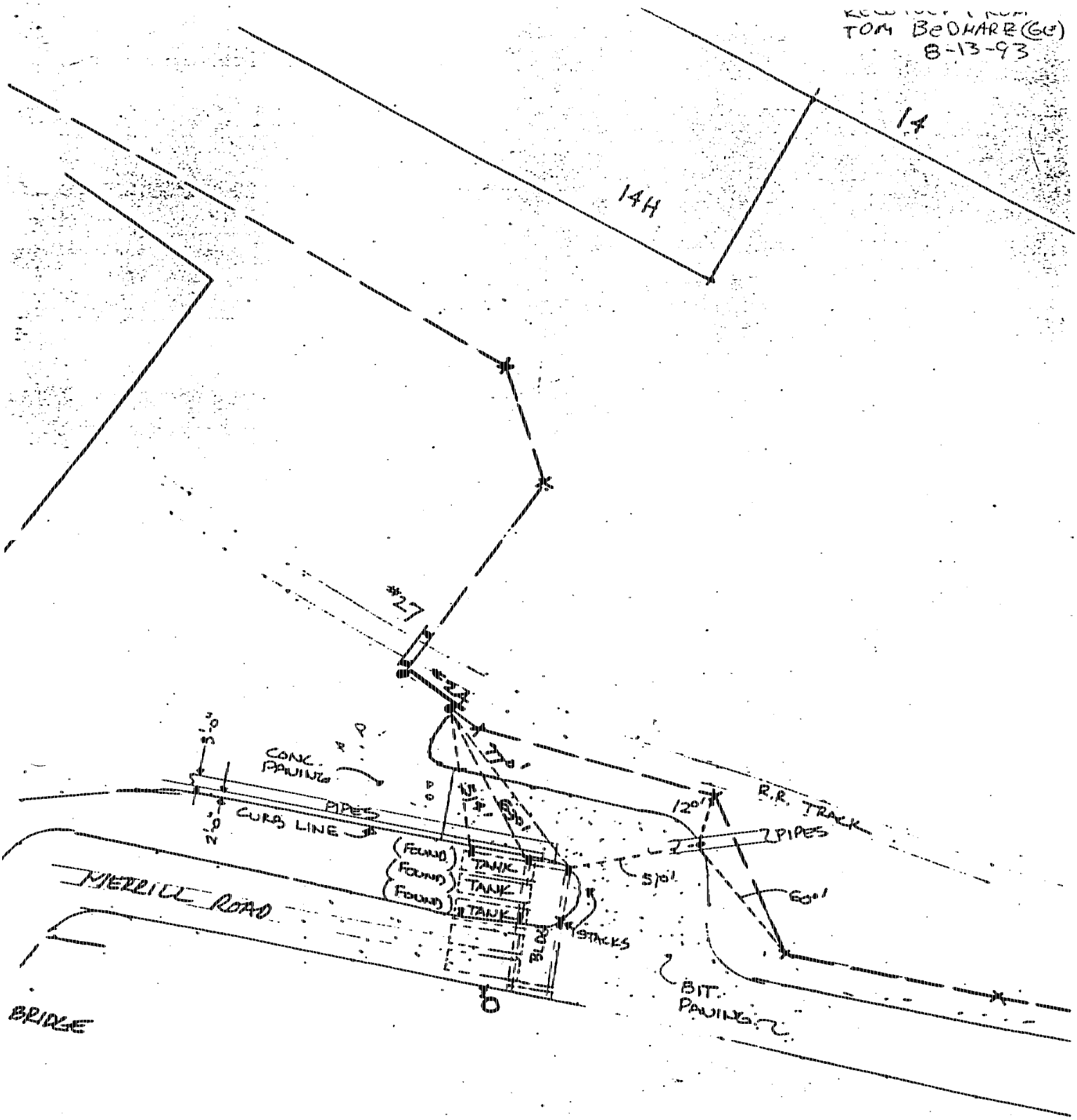
cc: Mr. James M. Nuss, Blasland & Bouck Engineers, P.C.
Mr. Bruce Eulian, Blasland & Bouck Engineers, P.C., Pittsfield, MA

RECEIVED FROM
TOM BEDNARZ (G
8-13-93



LOCATION PLAN

NTS.


TOM BeDHARE (GE)
8-13-93
14
14H
27
27A
CONC. PAVING
PIPES
CURB LINE
MERRIL ROAD
BRIDGE
(FOUND) TANK
(FOUND) TANK
(FOUND) TANK
STACKS
R.R. TRACK
2 PIPES
120'
60'
BIT. PAVING

APPENDIX E

UST 9G-01 CLEANING RESULTS

The Commonwealth of Massachusetts

Department of Public Safety—Division of Fire Prevention

APPLICATION FOR PERMIT FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

2/14/ (Date) 1989

C.02 S.40 M.G.L.

DIG SAFE NUMBER

GENERAL ELECTRIC

Start Date 2/14/90

To: HEAD OF FIRE DEPARTMENT
PITTSFIELD
City or Town

In accordance with the provisions of Chapter 148, G.L. as provided in Section 38A Application is hereby made by CLEAN BERKSHIRES INC
(Name of Person, Firm or Corporation)

86 S. MAIN ST - LANESBORO
Address

For permission to remove and transport underground steel storage tank(s) from
5,000 gal 9G01- BLDG 9G

Off Tyler near New York Avenue
Street address (city or town)

FDID# 03236 to approved Tank Yard# SLURRY FILLED - to remain

State clearly type of inert gas used in steel storage tank: SLURRY FILLED
Type of inert gas used

Name of Person, Firm, Corporation disposing tank

Date Issued - ~~redrafted~~ 2/14/90 19 89 By [signature]
Date of expiration 19 paid/due Signature of Applicant

The Commonwealth of Massachusetts

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE PREVENTION

PERMIT

(Date) 19 89.

FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

C.02 S.40 M.G.L.

DIG SAFE NUMBER

Start Date 2/14/90

In accordance with the provisions of Chapter 148, G.L. as provided in Section 38A this permit is granted to

Name: CLEAN BERKSHIRES INC.
Full name of person, firm or Corporation

To transport underground steel storage tank(s)
to Approved tank yard# TO BE FILLED - REMAIN

State clearly type of inert gas used in steel storage tank: steel tank: SLURRY FILLED
method

FDID# 03236

Fee paid $ 10

Name and address of contractor disposing tank

Location to which tank will be transported

TO REMAIN
Approved tank yard

This permit will expire 19 89

[signature]
Signature of official granting permit (TITLE)
(Head of Fire Dept.)

The Commonwealth of Massachusetts

DEPARTMENT OF PUBLIC SAFETY — DIVISION OF FIRE PREVENTION
1010 COMMONWEALTH AVENUE, BOSTON

PITTSFIELD 5/17/90 19 89
(City or Town) (Date)

PERMIT

In accordance with the provisions of Chapter 148, G. L. as provided in 527 CMR 9 this permit is granted to

Name CLEAN BERKSHIRES
(Full name of person, firm or corporation granted permit)

State clearly purpose for which permit is granted: to terminate use of underground tank by Slurry Method
1-5,000 gal tank

Restrictions:

at 9601 OFF MERRILL ROAD GENERAL ELECTRIC
(Give location by street and no., or describe in such manner as to provide adequate identification of location)

Fee Paid $ 5

(Signature of official granting permit)

This permit will expire 19

FIRE CHIEF
(Title)

(THIS PERMIT MUST BE CONSPICUOUSLY POSTED UPON THE PREMISES.)

BLASLAND & BOUCK ENGINEERS, P.C.

SUBJECT	PROJ. NO.	BY	DATE	SHEET

Lab ID	Analysis	Results	Sample Location	Sample Type	Sample Description
51960-P1	PCB	110, ppm	Tank	Grab	Sample of liquid in tank. Single Phase, ~1" deep

OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION G.E., Pittsfield - Job No. 101.82.05
UST 33-01-P1

DATE COLLECTED 8-14-89 DATE REC'D. 8-15-89 DATE ANALYZED 8-16-89

Sample #	I9066
PCB	<10.*
AROCLOR	-
MATRIX	Water
UNITS	µg/l

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments: *Detection limit raised due to matrix interference.

Authorized: [signature]

Date: September 6, 1989

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
Box 4942 / 1304 Buckley Rd. / Syracuse, NY 13221 / (315) 457-1494

OBG LABORATORIES, INC.

1376

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-82-05

DATE COLLECTED See Below DATE RECD. 12/6/89 DATE ANALYZED 12/7/89

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/kg	PCTS	Total PCB mg/kg	COMMENTS	QC RESULTS
US796-01-01	12/6/89	12/6/89			110	0.1	A
A10ga of US796-01-01					120 vs 110		%RPD = 8.7

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

Date: _____

OBG Laboratories, Inc.
Box 4942 / 1304 Buckley Rd. / Syracuse, NY / 13221 / (315) 457-1494

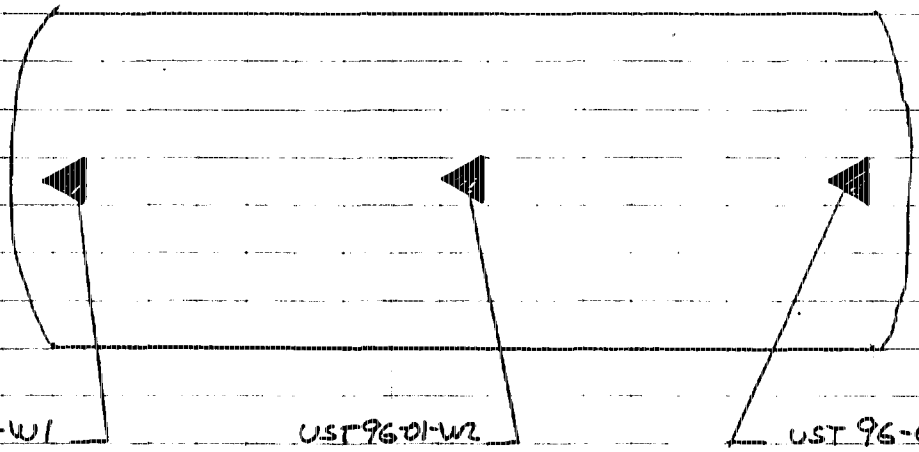
BLASLAND & BOUCK ENGINEERS, P.C.

SUBJECT	PROJ. NO.	BY	DATE	SHEET
UST 96-01				

Lab ID	Analysis	Results	Sample Location	Sample Type	Sample Description
UST 96-01-W1	PCB	6.1 $\mu g/100 cm^2$	W1	Wipe	West end of tank 2' from bottom on inside
UST 96-01-W2	PCB	27. $\mu g/100 cm^2$	W2	Wipe	Center of tank on bottom on inside
UST 96-01-W3	PCB	2.5 $\mu g/100 cm^2$	W3	Wipe	East end of tank 4' from bottom on inside

BLASLAND & BOUCK ENGINEERS, P.C.

SUBJECT	PROJ. NO.	BY	DATE	SHEET
UST 96-01 WIPE SAMPLES				



OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield, MA Job No. 101.82.05

DATE COLLECTED See Below DATE REC'D. 2-21-90 DATE ANALYZED 2-23-90

LAB ID NO.	DATE SAMPLED	PCB Total µg	COMMENTS	QC RESULTS
UST-9G-01-W1	2-21-90	26.	Wipe	A
UST-9G-01-W2		27.		
UST-9G-01-W3		25.		
A) Blank Spike 1 using EPA source	2-22-90	47./50. = 94% Recovery		

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/ℓ (ppm) unless otherwise noted

Comments:

Authorized: [signature]

Date: March 29, 1990

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
Box 4043 / 1304 Buckley Rd. / Syracuse, NY 13221 / (315) 457-1494

APPENDIX F

RESULTS OF SOIL AND WATER SAMPLING AT UST 14-03

BLASLAND & BOUCK ENGINEERS, P.C.

SUBJECT	PROJ. NO.	BY	DATE	SHEET
UST 14-03 Sampling	1082.05	RJP		

Lab ID	Results	Sample Location	Sample Type	Sample Description
UST 14-03-P1	220. ppb	14-03	Discrete Grab	Water from sump on top of Spoil Pile.
UST 14-03-Soil	29. ppm	14-03	Discrete Grab	Sample of soil removed during excavation to locate tank

Note: UST 14-03-P1 is Non-Soil per Tony Cresuza (OBG) 8-29-89

OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101.82.05

DATE COLLECTED See Below DATE REC'D. 8-23-89 DATE ANALYZED 8-24,25-89

LAB ID NO.	DATE SAMPLED	PCB mg/kg dry weight	COMMENTS
UST14-03-Soil	8-23-89	29	Soil

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/((ppm) unless otherwise noted

Comments:

Authorized: [signature]

Date: October 2, 1989

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
Box 4942 / 1304 Buckley Rd. / Syracuse, NY 13221 / (315) 457-1494

OBG
LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.013.517

DESCRIPTION G.E. Pittsfield

DATE COLLECTED 8-24-89 DATE REC'D. 8-25-89 DATE ANALYZED 8-28-89

Description	Sample #	PCB	AROCLOR
[redacted]			

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/ℓ (ppm) unless otherwise noted

Comments:

Authorized: [signature]

Date: September 1, 1989

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
Box 4942 / 1304 Buckley Rd. / Syracuse, NY 13221 / (315) 457-1494

APPENDIX G

AVAILABLE BORING LOGS/WELL CONSTRUCTION FORMS

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 1

Location: NE Corner of Field-East and Newell Streets

Depth Below Land Surface (In Feet)	Description
0 - 24	Silt, embedded gravel, trace clay, micaceous, OD green color.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Office
5835 Jericho Turnpike
Syosset, New York 11791
Cable: WATER

Telephone 516/921-6060

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 2

Location: Newell Street, General Electric Property

Depth Below Land Surface (In Feet)	Description
0 - 5	Fill
5 - 16	Silt, fairly dense, gravelly near bottom, OD green
16 - 24	Sand, coarse, beds of OD green silt (2-6" thick), gray to orange-gray color.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-5060

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 3

Location: Easterly house owned on East St.
in NE corner of lot

Depth Below Land Surface (In Feet)	Description
0 - 13	Sand, poorly sorted, some pebble gravel; grayish-green color.
13 - 14	Silt, pebble gravel included, OD green color.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 4

Location: NE corner of 2nd house, between Auto Parks and near tracks

Depth Below Land Surface (In Feet)	Description
0 - 5	Cinders and slag railroad fill
5 - 13.5	Sand, fine-medium, boulders, gray-brown streaks, gray-brown color
13.5 - 14	Silt, small pebbles embedded, gray-green color

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
6801 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

7

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 5

Location: Field, GE property, south side of East St.

Depth Below Land Surface (In Feet)	Description
0 - 16	Sand, silty and gravelly, dark tan; fill
16 - 22	Sand, fine-medium, some gravel, light brown color silt varves present
22 - 24	Clay, sandy; pebbles OD green

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable: WATER

Telephone: 516/921-6060

SOIL BORING LOG

1000

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 6

Location: NW corner of Kelly Dietrich Parking Lot

Depth Below Land Surface (In Feet)	Description
0 - 4	Road bed material
4 - 10	Sand, coarse, becomes finer with depth, brown to gray
10 - 13.5	Silt, clayey, with pebbles, tan.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 7

Location: Near NE corner of steps up to lot of demolished house

Depth Below Land Surface (In Feet)	Description
0 - 7	Sand, silty and gravelly, brown.
7 - 11	Sand and silt, pebbles, gray-green.
11 - 13	Silt, sandy, gray-green.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

SOIL BORING LOG

1000

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 8

Location: N/S liquor distributor

Depth Below Land Surface (In Feet)	Description
0 - 1	Railroad bed material
1 - 10	Sand, medium, brown
10 - 11	Silt, pebbles, gray-green

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

1011

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 9

Location: G.E. property, north of #4

Depth Below Land Surface (In Feet)	Description
0 - 5	Fill
5 - 10	Silt, gravelly, gray-green
10 - 20	Sand, silty, pebbles, gray-green

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

1011

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 10

Location: North of #3, between tracks

Depth Below Land Surface (In Feet)	Description
0 - 10	Gravelly fill
10 - 17	Silt, sandy, OD green
17 - 21	Sand, poorly sorted, gravelly tan to gray
21 - 24	Sand, medium-fine, silty, brown-black

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
8600 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516 921-8060

1011

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 11

Location: Between tracks - North of #6

Depth Below Land Surface (In Feet)	Description
0 - 5	Fill
5 - 8.5	Silt, sandy, pebbles, OD green to gray
8.5 - 10.5	Sand, poorly sorted, gravelly, gray
10.5 - 14	Sand, medium-coarse, some silt, gray
14 - 18.5	Silt, boulders, OD green
18.5 - 25	Silt, sandy, pebbles, compact

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 44

Location: Newell Street, South of Lombard Street Intersection

Depth Below Land Surface (In Feet)	Description
0 - 11	Sand, fine, OD green, trace of silt, coarse gravel and pebbles.
11 - 20	Sand, fine, OD green, trace of silt.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATEP

Telephone 516/921-6060

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 45

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 4	Fill
4 - 8	Clay, OD green, and silt, with some fine sand
8 - 18	Sand, fine-medium, OD green, with some silt and fine gravel.
18 - 22	Silt, fine, OD green

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North State Avenue
360 Sunrise Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516 921-6060

SOIL BORING LOG

996

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 46

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 5	Fill
5 - 7	Sand, fine-medium, and silt, trace gravel
7 - 22	Sand, fine-medium. and silt

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North Shore Airport
Syosset, New York 11791
Cable WATER
Telephone 516/921-8061

996

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 48

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 18	Sand, fine-medium, OD green, and gravel, coarse.
18 - 22	Sand, fine-medium, OD green

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable: WATER

Telephone 516/921-6060

SOIL BORING LOG

997

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 53

Location: North Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 5	Sand, fine-medium, dark brown, some pebbles
5 - 22	Sand, fine-medium, OD green, and gravel, medium, with silt

:raghty & Miller, Inc.

.TING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset New York 11791
Cable WATER

Telephone 516 921-6060

997

SOIL BORING LOG

ct: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

998

). 55

ion: North Side of East Street

Below rface .t)	Description
	Fill
5	Sand and gravel, fine-medium, brown, with large quartzite fragments
	Sand, fine, OD green, some silt and medium gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North State Airport
Executive Complex
Syosset, New York 11791
Cable WATER

Telephone 516/921-8060

997

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 57

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 2	Fill
2 - 23	Sand and gravel, fine-medium, brown

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

997

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 58

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 2	Fill
2 - 23	Sand and gravel, fine-medium, brown

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6851 Jericho Turnpike
Syosset, New York 11791
Cable: WATER

Telephone: 516 921-6060

SOIL BORING LOG

499

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 59

Location: North Side of East Street, Near
Newell Street Intersection

Depth Below Land Surface (In Feet)	Description
0 - 2	Fill
2 - 4	Sand and gravel, fine-medium, brown
4 - 6	Sand, fine, OD green and gravel, medium with large boulders.
6 - 8	Sand, fine-medium, black and gravel, with large boulders.
8 - 10	Sand, fine, and silt, OD green.
10 - 14	Sand, fine-medium, and gravel, OD green, large boulders and pebbles.
14 - 22	Sand, fine and silt, OD green, some fine gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

[illegible] State Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

1000

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 60

Location: North Side of East Street, Near
Newell Street Intersection

Depth Below Land Surface (In Feet)	Description
0 - 23	Sand, fine-medium, and gravel, some pebbles.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable: WATER

Telephone: 516/921-6060

984

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 61

Location: Fasce Place

Depth Below Land Surface (In Feet)	Description
0 - 5	Sand, fine, brown and silt, some gravel and clay.
5 - 15	Sand, fine-medium, OD green, and silt, some gravel.
15 - 30	Sand, fine, OD green and silt, some gravel clay and boulders.
30 - 48	Clay, OD green, some fine gravel and sand.
48 - 50	Bedrock.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516 921-6060

990

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 62

Location: Fasce Place

Depth Below Land Surface (In Feet)	Description
0 - 4	Fill
4 - 14	Sand, fine, brown and silt, some gravel.
14 - 22	Sand, fine-medium, OD green, with gravel, pebbles and boulders.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Office
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

993

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 63

Location: Fasce Place

Depth Below Land Surface (In Feet)	Description
0 - 10	Sand, fine-medium, brown, some gravel.
10 - 23	Sand, fine, OD green, and gravel, some silt.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

994

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 64

Location: Fasce Place

Depth Below Land Surface (In Feet)	Description
0.0 - 0.5	Topsoil
0.5 - 23	Sand, fine-medium, OD green, and silt, with pebbles, some large boulders.

Geraghty & Miller, Inc.
CONSULTING GROUNDWATER GEOLOGISTS AND HYDROLOGISTS
North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516/921-6060

987

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 66

Location: Fasce Place

Depth Below Land Surface (In Feet)	Description
0 - 4	Sand, fine, black, some silt.
4 - 23	Sand, fine, OD green, some silt, pebbles and large boulders

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

Northern State Parkway
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516-921-6060

SOIL BORING LOG

992

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 69

Location: North of Buckingham Street

Depth Below Land Surface (In Feet)	Description
0 - 3	Sand, fine, black, and clay, some gravel.
3 - 8	Sand, fine-medium, brown, and silt, some gravel.
8 - 23	Sand, fine, OD green, and clay, some gravel.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
Long Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516 921-6060

SOIL BORING LOG

691

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 70

Location: Buckingham Place

Depth Below Land Surface (In Feet)	Description
0 - 3	Fill
3 - 23	Sand, fine, OD green, and gravel, with light gray clay lenses.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516 921-6060

996

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 72

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 5	Sand, fine, brown, and silt
5 - 10	Sand, fine-medium, OD green, with pebbles.
10 - 23	Sand, fine, OD green, and gravel.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516/921-6060

SOIL BORING LOG

996

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 73

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 5	Sand, fine-medium, brown, some gravel and pebbles.
5 - 23	Sand, fine-medium, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
Executive Terminal
Syosset, New York 11791
(516) WATER

Telephone 516 921-6060

SOIL BORING LOG

996

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 74

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 7	Sand, fine-medium, brown, and silt.
7 - 23	Sand, fine-medium, OD green, and silt, with gravel and pebbles.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516 921-6060

996

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 75

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 4	Sand, fine, brown and silt.
4 - 7	Sand, fine-medium, OD green, and silt, with pebbles.
7 - 23	Sand, fine, OD green and silt, some gravel.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North Shore Office
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516-921-6062

SOIL BORING LOG

991

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 77

Location: Mr. Natale F. Valente
18 Milan Street
Pittsfield, Massachusetts

Depth Below Land Surface (In Feet)	Description
0 - 0.5	Topsoil
0.5 - 5	Clay and silt, brown
5 - 8	Silty clay with sandstone boulders, some fine-medium gravel, OD green.
8 - 20	Silt, some fine sand layers, OD green
20 - 27	Silt and fine sand, OD green
27 - 31.5	Silt, OD green with fine sand layers, brown.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6050

993

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 78 Date: 12-4-79

Location: Mr. and Mrs. Walter Spasyk
1238 East Street
Pittsfield, MA

Depth Below Land Surface in Feet	Description
0 - 0.5'	Topsoil.
0.5- 4'	Fill - Sand, gravel and silt, brown.
4' - 8'	Sand, fine-medium, with silt and medium-coarse gravel, OD green.
8' -12'	Clay and silt, with some fine gravel, OD green.
12' -22'	Till, OD green.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
Telephone 516 921-6060

992

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 79 Date: 12-5-79

Location: Mr. and Mrs. Walter Spasyk
1238 East Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil.
0.5 - 5	Silt, with pebbles and sandstone boulders, brown.
5 - 28	Silt, some fine sand and gravel, sandstone boulders, OD green.
28 - 30	Till, OD green.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North S[illegible] Atrium
6800 Jer[illegible] Turnpike
Syosset, Ne[illegible]
Cable: WATER
Telephone 516 921-6060

991

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 80 Date: 12-5-79

Location: Mrs. Mario Patti
21 Milan Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil
0.5 - 8	Silt with fine sand, some fine-medium gravel, sandstone boulders and pebbles, brown.
8 - 15	Silty sand and gravel, fine, OD green.
15 - 30	Silty sand and gravel, fine, with sandstone boulders, OD green.
30 - 31.5	Till, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUNDWATER GEOLOGISTS AND HYDROLOGISTS

993

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 81 Date: 12-5-79

Location: Mrs. Bruno Giardinio
398 Newell Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil
0.5 - 4	Silt with fine sand, brown.
4 - 11	Sand, fine-medium and medium-coarse gravel, with silt and pebbles, OD green.
11	Sandstone boulder.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable: WATER

Telephone: 516/921-6060

987

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 82

Date: 12-6-79

Location: Mr. Mario Capitanio
11 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 4	Topsoil
4 - 9	Sand, fine, with fine-medium gravel, some silt and pebbles, brown.
9 - 15	Sand and silt, fine, with fine-medium gravel, boulders, OD green.
15 - 19	Silt, tight packed, with fine-medium gravel, pebbles, OD green.
19 - 35	Silt and fine sand, layered, OD green.

Geraghty & Miller, Inc.

North Shore Office
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

Telephone 516 921-6060

487

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 83 Date: 12-7-79

Location: Mr. Mario Capitanio
386 Newell Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil
0.5 - 10	Silt with some fine sand and clay, brown.
10 - 20	Sand and gravel, medium-coarse, with pebbles
20 - 21	Till, OD green.

Geraghty & Miller, Inc.

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

Telephone 516/921-6060

92

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 84 Date: 12-7-79

Location: Mrs. Romalo Magi
16 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil.
0.5 - 9	Sand and gravel, fine-coarse, brown.
9 - 20	Sandy silt, OD green.
20 - 26	Silt and fine sand, some pebbles and boulders, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

Telephone 516 921-6060

981

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 85 Date: 12-10-79

Location: Mrs. Romalo Magi
16 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil
0.5 - 9	Fill - gravel, cinders, sand and silt, brown-gray.
9 - 15	Sand, fine, and silt, brown.
15 - 30	Silt and fine sand, with pebbles and sandstone boulders, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

990

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 86 Date: 12-10-79

Location: Mr. Silvio Delugan (331 Fenn St. Pittsfield)
21 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil
0.5 - 5.5	Sand, fine, with a trace of silt, brown
5.5 - 7	Sand, medium-coarse, gray-brown
7 - 20	Till, OD green.
20 - 30	Sand, fine, and silt, OD green.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
Telephone 516 921-6060

988

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 87 Date: 12-11-79

Location: Mr. Silvio Delugan (331 Fenn St.)
21 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil.
0.5 - 5.5	Sand and silt, fine-medium, brown.
5.5 - 6	Sandstone boulder, tan.
6 - 20	Silt, with fine sand and some gravel, OD green.
20 - 30	Silt, OD green.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516 921-6060

987

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 88 Date: 12-11-79

Location: Mrs. Theresa C. Dalone
19 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 1	Topsoil.
1 - 5	Sand, fine-coarse and gravel, medium-coarse, with pebbles
5 - 18	Silt, trace of fine sand, fine-coarse gravel, OD green.
18 - 30	Silt, with layers of fine sand, OD green.
30 - 31	Silt, with some gravel and sand.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

[illegible]
Cable: WATER

993

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 89 Date: 12-12-79

Location: Mr. Harry E. Traversa
4 Buckingham Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil.
0.5 - 9	Sand, fine, with some gravel, brown.
9 - 11	Till, OD green.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516/921-6060

987

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 90 Date: 12-13-79

Location: Ms. Caroline Ostellino
15 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil.
0.5 - 3	Fill.
3 - 8	Silt, some fine sand and gravel, OD green.
8 - 15	Silt with large sandstone boulders, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

Telephone: 516/921-6060

992

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 91

Date: 12-12-79

Location: Mrs. Mario Patti
21 Milan Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil.
0.5 - 10	Sand, fine-medium, trace of silt, brown.
10 - 15	Silt, fine sand and gravel.
15 - 16	Silt and fine sand.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North State Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable: WATER

Telephone 516/921-6060

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 92 Date: 12-13-79

Location: Mr. Deno Renieri
361 Newell Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil.
0.5 - 3	Sand, fine-medium and medium gravel, brown.
3 - 9	Silt and medium-coarse gravel, trace of fine sand, OD green.
9 - 15.5	Silt and fine sand, brown-black, with layers of brown sand.
15.5 - 19	Sand, medium-coarse, gray.
19 - 21	Sand and gravel, medium-coarse, some pebbles, gray.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

Telephone 516 [illegible]

993

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 93 Date: 12-17-79

Location: Mr. Remo Delgallo
402/404 East Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 1.5	Topsoil
1.5 - 5	Sand, medium-coarse, brown.
5 - 20	Silt, with medium sand and gravel, brown

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
Telephone 516-921-6060

995

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 94 Date: 12-17-79

Location: Mr. Remo Delgallo
402/404 East Street
Pittsfield, MA

Depth Below Land Surface in Feet	Description
0 - 0.5	Topsoil.
0.5 - 16	Sand and gravel, medium-coarse, some silt, brown.
16 - 20	Silt, with some fine sand, OD green.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
[illegible]
Telephone 516-921-6060

983

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 95 Date: 12-18-79

Location: Mr. James D. Border
42 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil
0.5- 4	Sand, fine-medium, some medium gravel with pebbles.
4 - 14.5	Silt, some pebbles, OD green.
14.5- 15	Silt with sand layers, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

985

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 96 Date: 12-18-79

Location: Mr. James D. Border
42 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.25	Blacktop.
0.25- 4	Fill, brown.
4 - 15	Silt and fine sand, some pebbles, large sandstone boulders, OD green.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
Telephone 516 921-0281

994

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 97 Date: 12-18-79

Location: Mr. Antonio Gennari
1244 East Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil.
0.5 - 5.5	Fill, brown.
5.5 - 6	Peat, dark brown.
6 - 8	Fill, brown.
8 - 15	Silt and fine sand, with gravel, pebbles.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

990

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 98 Date: 12-19-79

Location: Mr. Silvio Delugan (331 Fenn St. Pittsfield)
21 Lombard Street
Pittsfield, MA

Depth Below Land Surface In Feet			Description
0	-	0.5	Topsoil
0.5	-	4	Sand and gravel.
4	-	16	Silt, with sand and gravel, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

Telephone 516 921-6090

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 99 Date: 12-19-79

Location: Mrs. Clementine Fruet
820 East Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil.
0.5 - 2	Fill, brown.
2 - 8	Sand and gravel, fine-medium, gray.
8 - 15	Sand and gravel, medium-coarse, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable Address

Telephone 516 921-6060

996

SOIL BORING LOG

Project: G. E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No: 100

Date: 12-18-79

Location: Mr. Antonio Gennari
1244 East Street
Pittsfield, MA

Depth Below Land Surface In Feet	Description
0 - 0.5	Topsoil
0.5 - 15	Sand and silt, with gravel, pebbles and boulders, brown.

Geraghty & Miller, Inc.

CONSULTING GROUNDWATER GEOLOGISTS AND HYDROLOGISTS

[illegible]
[illegible]
Syosset, New York 11791
Cable Water

Telephone 516 921-5061

995

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 108

Location: 1260 East Street

Depth Below Land Surface (In Feet)	Description
0 - 0.3	Blacktop
0.3 - 7	Silt and sand, fine-medium, brown, with gravel
7 - 9	Silt, dark brown, some fine sand.
9 - 11	Sand, fine and silt, brown with stones.
11 - 18	Silt, OD green, with fine sand, and quartzite boulders

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516 921-6060

SOIL BORING LOG

995

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 109

Location: 1260 East Street

Depth Below Land Surface (In Feet)	Description
0 - 0.3	Blacktop
0.3 - 10	Sand and gravel, silty, brown, medium-coarse, some stones.
10 - 10.3	Peat layer
10.3 - 18	Sand, and gravel, medium-coarse, with silt.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
[illegible]
Telephone: 516/921-6060

995

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 110

Location: 1260 East Street

Depth Below Land Surface (In Feet)	Description
0.0 - 0.3	Blacktop
0.3 - 0.5	Fill, dark brown.
0.5 - 3	Sand, silty, brown, with fine-medium gravel.
3 - 10	Silt, OD green, with fine-medium sand and gravel.
10 - 14	Sand and gravel, medium-coarse.
14	Silt, OD green, with fine medium sand and gravel.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516/921-6060

995

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 111

Location: 1260 East Street

Depth Below Land Surface (In Feet)	Description
0 - 0.3	Blacktop
0.3 - 1.0	Fill, brown.
1 - 4	Sand and gravel, fine-coarse, brown.
4 - 5	Sand, fine-medium, light brown.
5	Silt, dark brown, with fine-medium sand and gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

Long Beach, New York
Gloss Neck, Virginia
Cable WATER

Telephone 516 921-6060

995

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 112

Location: 1260 East Street

Depth Below Land Surface (In Feet)	Description
0 - 0.3	Blacktop
0.3 - 0.5	Cement
0.5 - 4.0	Fill, brown
4 - 10	Silt, brown, with fine-medium sand and gravel.
10 - 10.5	Peat, dark brown
10.5 - 13	Sand and gravel, fine to coarse, and silt, OD green
13 - 18	Silt, OD green, with fine-medium sand and gravel, some quartzite boulders.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516/921-6060

995'

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 113

Location: 1260 East Street

Depth Below Land Surface (In Feet)	Description
0 - 0.3	Topsoil
0.3 - 11.0	Sand and gravel, fine-medium, with stones, brown (possibly fill)
11	Silt, OD green, with fine to medium sand and gravel.

Geraghty & Miller, Inc.
CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

996

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 114

Location: 1260 East Street

Depth Below Land Surface (In Feet)	Description
0 - 7.5	Silt, brown, with fine sand and medium-coarse gravel.
7.5 - 16	Silt, sandy, dark brown, with fine-medium sand.
16 - 20	Silt, OD green, with fine sand.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North Shore Airport
Syosset, New York 11791
Cable WATER
Telephone 516/921-6060

993

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 115

Location: 1260 East Street

Depth Below Land Surface (In Feet)	Description
0 - 14	Silt, OD green, with fine-medium sand, some pebbles.
14 - 21	Silt, OD green, with fine sand and quartzite boulders.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

[illegible]
[illegible]
Syosset, New York 11791
Cable [illegible]

Telephone [illegible]

993

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 116

Location: 1260 East Street

Depth Below Land Surface (In Feet)	Description
0 - 1	Topsoil
1 - 4	Sand, fine, tan, with fine-medium gravel, little silt.
4 - 10.5	Sand, fine, gray, with fine-medium gravel and quartzite boulders
10.5 - 21	Silt, OD green, with quartzite boulders.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North Shore Office
6801 Jericho Turnpike
Syosset, New York 11791
Cable Water
Telephone 516 921-6060

SOIL BORING LOG

1000

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 118

Location: Kelly Dietrich Parking Lot

Depth Below Land Surface (In Feet)	Description
0 - 0.3	Blacktop
0.3 - 3.5	Sand and gravel fill, brown.
3.5 - 10	Sand, medium to coarse grained, gravelly, brown color; gravel clasts 2" across (mostly quartzite and schist fragments; silt 10%
10 - 10.5	Silt, tight, sparsely disseminated gravel, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6081

999

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 119

Location: Kelly Dietrich Parking Lot

Depth Below Land Surface (in Feet)	Description
0 - 0.2	Blacktop
0.2 - 3.5	Gravel fill; brown
3.5 - 10	Sand; medium-grained, coarsening with depth; brown.
10 - 10.5	Silt; tight, some sand and gravel components; OD green.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
[illegible]
Syosset, New York 11791
Cable WATER
Telephone 516-921-6060

997

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 120

Location: Kelly Dietrich Parking Lot

Depth Below Land Surface (In Feet)	Description
0 - 0.1	Blacktop
0.1 - 2.0	Fill, gravel.
2.0 - 10.5	Sand, fine-medium, brown and gravel.
10.5 - 14.0	Sand, fine, gray.
14.0 - 15.5	Silt, tight, brown, some sand and gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

Telephone 516 921-6060

998

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 121

Location: Kelly Dietrich Parking Lot

Depth Below Land Surface (In Feet)	Description
0 - 0.1	Blacktop
0.1 - 1.0	Fill, gravel
1.0 - 2.5	Fill, organic material, with gravel.
2.5 - 10.0	Sand, fine, OD green, some silt.
10.0 - 10.5	Silt, tight, brown.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
[illegible]
Telephone 516-921-6060

1000

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 122

Location: Kelly Dietrich Parking Lot

Depth Below Land Surface (In Feet)	Description
0 - 0.5	Blacktop
0.5 - 10.5	Sand, fine silty, dark brown, coarsening with depth, with gravel.
10.5 - 11.0	Silt, tight, brown, some gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

[illegible] State Route
6800 Jericho Turnpike
Syosset, New York 11791
Cable: WATER

Telephone 516/921-6060

1000

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 123

Location: Kelly Dietrich Parking Lot

Depth Below Land Surface (In Feet)	Description
0 - 2.5	Fill, sand and gravel, with organic material
2.5 - 10.0	Sand, fine, silty, brown, and gravel
10.0 - 11.2	Silt, tight, brown, some sand and gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

999

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 124

Location: Kelly Dietrich Parking Lot

Depth Below Land Surface (In Feet)	Description
0 - 2	Fill, sand and gravel.
2 - 10.5	Sand, fine, brown and gray with gravel.
10.5 - 11.6	Silt, tight, light brown, little gravel.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

[illegible] State Route
[illegible] Jericho Turnpike
Syosset, New York 11791
Cable: WATER
Telephone: 516/921-6060

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

994

Well No. 125

Location: South of East Street

Depth Below Land Surface (In Feet)	Description
0 - 0.5	Topsoil
0.5 - 10.5	Sand, medium, brown, with gravel, little silt.
10.5 - 11.5	Silt, tight, OD green, little gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
4800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

995

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 126

Location: South of East Street

Depth Below Land Surface (In Feet)	Description
0.0 - 0.5	Topsoil
0.5 - 11.5	Sand, fine-medium, dark brown, with gravel, some silt.
11.5 - 16.5	Silt, tight, OD green, some sand and gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
6500 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516, 921-6050

SOIL BORING LOG

997

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 127

Location: North Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 5	Silt, brown, some fine sand and gravel.
5 - 14.5	Sand, medium-coarse, gray, some gravel.
14.5 - 15.0	Silt, tight, OD green.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791
Cable: WATER

Telephone: 516/921-6060

SOIL BORING LOG

997

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 128

Location: North Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 5.5	Silt, micaceous, dark brown, with fine sand and gravel.
5.5 - 15	Sand, medium-coarse, grayish-brown, with gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

SOIL BORING LOG

997

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 129

Location: North Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 5	Silt, brown, sandy, with gravel.
5 - 15	Sand, medium-coarse, gray, with gravel.
15 - 15.5	Silt, tight, OD green

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

North Shore Airport
Expressway and Turnpike
Syosset, New York 11791
Cable WATER

Telephone 516/921-6060

994

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 133

Location: South Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 0.3	Topsoil
0.3 - 7	Sand, silty, fine-medium, brown, with gravel.
7 - 16	Sand, fine to coarse, brown with gravel and rock fragments, poorly sorted.

Geraghty & Miller, Inc.
CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS
North Shore Airport
6800 Jericho Turnpike
Syosset, New York 11791
Cable WATER
Telephone 516/921-5050

SOIL BORING LOG

992

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 138

Location: East Side of Fasce Place

Depth Below Land Surface (In Feet)	Description
0 - 0.3	Topsoil
0.3 - 13.5	Sand, fine, brown, poorly sorted, with gravel, some silt which increases with depth.
13.5 - 20	Silt, dense, brown.

Geraghty & Miller, Inc.

CONSULTING GROUND-WATER GEOLOGISTS AND HYDROLOGISTS

Telephone: 516/921-6060

985

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 139

Location: East Side of Fasce Place

Depth Below Land Surface (In Feet)	Description
0.0 - 0.3	Topsoil
0.3 - 9.5	Sand, poorly sorted, brown with gravel clasts.
9.5 - 16	Sand, silty, brown, little gravel.
16 - 16.6	Silt, dense, brown, some gravel.

Geraghty & Miller, Inc.

CONSULTING GROUND WATER GEOLOGISTS AND HYDROLOGISTS

[illegible]
[illegible]
Telephone 518 [illegible]

998

SOIL BORING LOG

Project: G.E. East Street Drilling
East Street Area
Pittsfield, Massachusetts

Well No. 140 (Replacement for Well 104)

Location: North Side of East Street

Depth Below Land Surface (In Feet)	Description
0 - 5	Fill, sand and gravel, medium-coarse, brown.
5 - 11	Slag, black, coal, cinders
11 - 17	Silt, dense, OD green, with gravel.

SAMPLE/CORE LOG

BORING/WELL: 100-1 PROJECT NO: GE/NO360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA
DRILLING STARTED: 8/12/87 13:55
DRILLING COMPLETED: 14:20

TOTAL DEPTH DRILLED: 6 feet
HOLE DIAMETER: 2 inches
TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches
SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION:
( ) SURVEYED
( ) ESTIMATED
DATUM:

DRILLING FLUID USED: None
DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing
DRILLER: John
HELPER: Charlie

PREPARED BY: N. Childs
HAMMER WEIGHT: 140 lbs
HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH FROM	SAMPLE DEPTH TO	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	0	1	0	Drill	Concrete.
	1	2	.8	9/9	Sand (50%), fine-medium; gravel (25%); silt (20%);
					clay (5%); tan-brown, poorly sorted, moist.
	2	4	1	9/6/7/	Same as above.
				68	
	4	6	1.2	20/29/	Sand (40%), fine; gravel (25%); silt (20%); clay
				17/62	(15%); tan-brown, poorly sorted, moist.

SAMPLE/CORE LOG

BORING/WELL: 100-2 PROJECT NO: GE/N0360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA
DRILLING STARTED: 8/12/87 13:55
DRILLING COMPLETED: 14:20

TOTAL DEPTH DRILLED: 6 feet
HOLE DIAMETER: 2 inches
TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches
SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION:
( ) SURVEYED
( ) ESTIMATED
DATUM:

DRILLING FLUID USED: None
DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing
DRILLER: John
HELPER: Charlie

PREPARED BY: N. Childs
HAMMER WEIGHT: 140 lbs
HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH FROM	SAMPLE DEPTH TO	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	0	1.2	0	Drill	Concrete.
	1.2	2	.8	38/19-	Sand (35%), fine; silt (30%); gravel (20%); clay
					(15%); gray-brown, poorly sorted, moist.
	2	4	.4	30/29/	Same as above.
				18/18	
	4	6	.8	15/11/	4.0 - 5.0': Same as above.
				8/15	5.0 - 6.0': Sand (60%), fine-medium; silt (20%);
					gravel (15%); clay (5%); brown, poorly sorted,
					moist.

SAMPLE/CORE LOG

BORING/WELL: B100-3 PROJECT NO: GE/N0360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA
DRILLING STARTED: 8/12/87 16:25
DRILLING COMPLETED: 16:40

TOTAL DEPTH DRILLED: 6.5 feet
HOLE DIAMETER: 2 inches
TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches
SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION:
( ) SURVEYED
( ) ESTIMATED DATUM:

DRILLING FLUID USED: None
DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing
DRILLER: John
HELPER: Charlie

PREPARED BY: N. Childs
HAMMER WEIGHT: 140 lbs
HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH FROM	SAMPLE DEPTH TO	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	0	1.7	0	Drill	Concrete.
	1.7	2.5	.6	17-3"/	Fill: Sand (50%), fine-medium; silt (20%); gravel
				19	(20%); cinder (5%); clay (5%); tan-brown, poorly
					sorted, moist.
	2.5	4.5	1.3	16/16/	2.5 - 4.0': Same as above.
			.	12/15	4.0 - 4.5': Sand (40%), fine; silt (25%); gravel
					(20%); clay (15%); tan-brown, poorly sorted, moist.
	4.5	6.5	1.3	22/13/	Same as above.
				13/44	

SAMPLE/CORE LOG

BORING/WELL: B100-4 PROJECT NO: GE/NO360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA
DRILLING STARTED: 8/12/87 17:00
DRILLING COMPLETED: 17:20

TOTAL DEPTH DRILLED: 6.5 feet
HOLE DIAMETER: 2 inches
TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches
SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION:
( ) SURVEYED
( ) ESTIMATED
DATUM:

DRILLING FLUID USED: None
DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing
DRILLER: John
HELPER: Charlie

PREPARED BY: N. Childs
HAMMER WEIGHT: 140 lbs
HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH FROM	SAMPLE DEPTH TO	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	0	1	0	Drill	Concrete.
	1	2	1	28/25	Fill: Sand (30%), fine-coarse; ash and cinder (30%);
					silt (20%); gravel (20%); salt and pepper, poorly
					sorted, loose.
	2	4	1.4	20/12/	2.0 - 3.5': Same as above.
				14/50	3.5 - 4.0': Sand (60%), fine-medium; silt (20%);
					gravel (15%); clay (5%); orange-brown, poorly
					sorted, moist.
	4	6	.8	37/26/	Sand (80%), fine; silt (15%); gravel (5%); tan-brown,
				22/24	moderately well sorted, moist.

SAMPLE/CORE LOG

BORING/WELL: 100-6 PROJECT NO: GE/N0360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA
DRILLING STARTED: 8/13/87 08:20
DRILLING COMPLETED: 08:35

TOTAL DEPTH DRILLED: 5.25 feet
HOLE DIAMETER: 2 inches
TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches
SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION: ( ) SURVEYED ( ) ESTIMATED DATUM:

DRILLING FLUID USED: None
DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing
DRILLER: John
HELPER: Charlie

PREPARED BY: N. Childs
HAMMER WEIGHT: 140 lbs
HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	1	0	Drill	Concrete.
	1	2	.7	22/26	Fill: Sand (60%), fine-medium; silt (20%); gravel
					(10%); clay (5%); ash and cinder (5%); tan-brown,
					poorly sorted, moist.
	2	4	1.2	24/26/	Same as above.
				18/18	
	4	6	1	57/23/	Same as above. Refusal at 5.25'.
				100-3"	

SAMPLE/CORE LOG

BORING/WELL: 100-7 PROJECT NO: GE/N0360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA

DRILLING STARTED: 8/13/87 10:15

DRILLING COMPLETED: 14:30

TOTAL DEPTH DRILLED: 6 feet

HOLE DIAMETER: 2 inches

TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches

SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION:

( ) SURVEYED
( ) ESTIMATED DATUM:

DRILLING FLUID USED: None

DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing

DRILLER: John

HELPER: Charlie

PREPARED BY: N. Childs

HAMMER WEIGHT: 140 lbs

HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH FROM	SAMPLE DEPTH TO	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	0	1.5	0	Drill	Concrete.
	1.5	2.5		87/3"	Refusal at 2.5'. Will move to 100-8 and have
				Drill	jackhammer cut new hole.
					- Restart on new hole -
	0	1	0	Drill	Concrete.
	1	2	.9	13/13	Fill: Sand (40%), fine-medium; silt (35%); gravel
					(10%); clay (10%); cinder and ash (5%); tan-brown,
					poorly sorted, dense, moist.
	2'	4	1.3	17/13/	Same as above.
				14/10	
	4	6	1.1	8/4/6/	Same as above.
				8	

SAMPLE/CORE LOG

BORING/WELL: B100-8 PROJECT NO: GE/N0360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA DRILLING STARTED: 8/13/87 10:10 DRILLING COMPLETED: 10:25

TOTAL DEPTH DRILLED: 6 feet HOLE DIAMETER: 2 inches TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION: ( ) SURVEYED ( ) ESTIMATED DATUM:

DRILLING FLUID USED: None DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing DRILLER: John HELPER: Charlie

PREPARED BY: N. Childs HAMMER WEIGHT: 140 lbs HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	2	1.2	10/25/	Fill: Sand (40%), fine-coarse; silt (20%); gravel
				15/10	(20%); cinder and ash (15%); clay (5%); tan-brown
					and salt and pepper, poorly sorted, loose.
	2	4	1.5	11/7/	Same as above, black stain from 2 - 3'.
				13/8	
	4	6	1	11/10/	Same as above.
				8/7	

SAMPLE/CORE LOG

BORING/WELL: 100-9 PROJECT NO: GE/NO360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA DRILLING STARTED: 8/13/87 13:15 DRILLING COMPLETED: 13:35

TOTAL DEPTH DRILLED: 6.5 feet HOLE DIAMETER: 2 inches TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION: ( ) SURVEYED ( ) ESTIMATED DATUM:

DRILLING FLUID USED: None DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing DRILLER: John HELPER: Charlie

PREPARED BY: N. Childs HAMMER WEIGHT: 140 lbs HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH FROM	SAMPLE DEPTH TO	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	0	1.5	0	Drill	Concrete.
	1.5	2.5	1	40/38	Fill: Sand (30%), fine-coarse; ash, concrete and
					cinder (30%); gravel (30%); silt (10%); multi-
					colored (predominantly tan-brown), poorly sorted,
					loose.
	2.5	4.5	.7	24/12/	Same as above.
				12/12	
	4.5	6.5	.7	10/10/	Same as above.
				7/6	

SAMPLE/CORE LOG

BORING/WELL: 100-10 PROJECT NO: GE/NO360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA

DRILLING STARTED: 8/13/87 13:50

DRILLING COMPLETED: 14:05

TOTAL DEPTH DRILLED: 6 feet

HOLE DIAMETER: 2 inches

TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches

SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION:

( ) SURVEYED
( ) ESTIMATED DATUM:

DRILLING FLUID USED: None

DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing

DRILLER: John

HELPER: Charlie

PREPARED BY: N. Childs

HAMMER WEIGHT: 140 lbs

HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH FROM	SAMPLE DEPTH TO	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	0	1	0	Drill	
	1	2	0.8	16/21	Fill: Sand (35%), fine-medium; silt (30%); gravel
					(30%); cinder (5%); tan-brown, poorly sorted,
					moist.
	2	4	1.2	18/15/	Same as above.
				17/12	
	4	6	.9	9/8/10	Same as above.
				/20	

SAMPLE/CORE LOG

BORING/WELL: 100-11 PROJECT NO: GE/N0360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA DRILLING STARTED: 8/13/87 14:45 DRILLING COMPLETED: 15:00

TOTAL DEPTH DRILLED: 6.5 feet HOLE DIAMETER: 2 inches TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION: { } SURVEYED { } ESTIMATED DATUM:

DRILLING FLUID USED: None DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing DRILLER: John HELPER: Charlie

PREPARED BY: N. Childs HAMMER WEIGHT: 140 lbs HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	1.5	0	Drill	Concrete.
	1.5	2.5	.9	18/15	Fill: Sand (40%), fine-medium; silt (25%); gravel
					(25%); ash and cinder (5%); clay (5%); multicolored
					(predominantly tan-brown), poorly sorted, loose.
	2.5	4.5	1.3	15/13/	Silt (40%); sand (30%), fine; clay (20%); gravel
				10/12	(10%); tan-brown, dense, moist, poorly sorted.
	4.5	6.5	1.3	10/5/5	Same as above.
				/5	

SAMPLE/CORE LOG

BORING/WELL: 100-12 PROJECT NO: GE/N0360BD1 PAGE: 1 of 1

SITE LOCATION: Bldg. 100 Pittsfield, MA
DRILLING STARTED: 8/13/87 15:20
DRILLING COMPLETED: 15:25

TOTAL DEPTH DRILLED: 6 feet
HOLE DIAMETER: 2 inches
TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2 feet x 2 inches
SAMPLING INTERVAL: 2 feet

LAND-SURFACE ELEVATION:
( ) SURVEYED
( ) ESTIMATED DATUM:

DRILLING FLUID USED: None
DRILLING METHOD: Auger

DRILLING CONTRACTOR: Soil and Material Testing
DRILLER: John
HELPER: Charlie

PREPARED BY: N. Childs
HAMMER WEIGHT: 140 lbs
HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH FROM	SAMPLE DEPTH TO	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	0	1	0	Drill	Concrete.
	1	2	.7	17/11	Fill: Sand (40%), fine-coarse; concrete, ash and
					cinder (30%); gravel (20%); silt (10%); multi-
					colored, loose, poorly sorted.
	2	4	1.1	7/5/9/	Fill: Sand (60%), fine-coarse; gravel (20%); silt
				4	(10%); concrete, ash and cinder (10%); brown,
					poorly sorted, loose, moist.
	4	6	1	4/3/3/	Same as above.
				4	

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING/WELL: 0-1 PROJECT NO: NY03503 PAGE: 1 of 1

SITE LOCATION: Bldg. 100, GE-Pittsfield DRILLING STARTED: 3/2/90 DRILLING COMPLETED: 3/2/90

TOTAL DEPTH DRILLED: 13 ft. HOLE DIAMETER: 6-1/4" TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2' x 2" SAMPLING INTERVAL: 2 ft.

LAND-SURFACE ELEVATION: ( ) SURVEYED ( ) ESTIMATED DATUM:

DRILLING FLUID USED: None DRILLING METHOD: HSA

DRILLING CONTRACTOR: Soil&Material Tsting DRILLER: Gilley HELPER: Joe

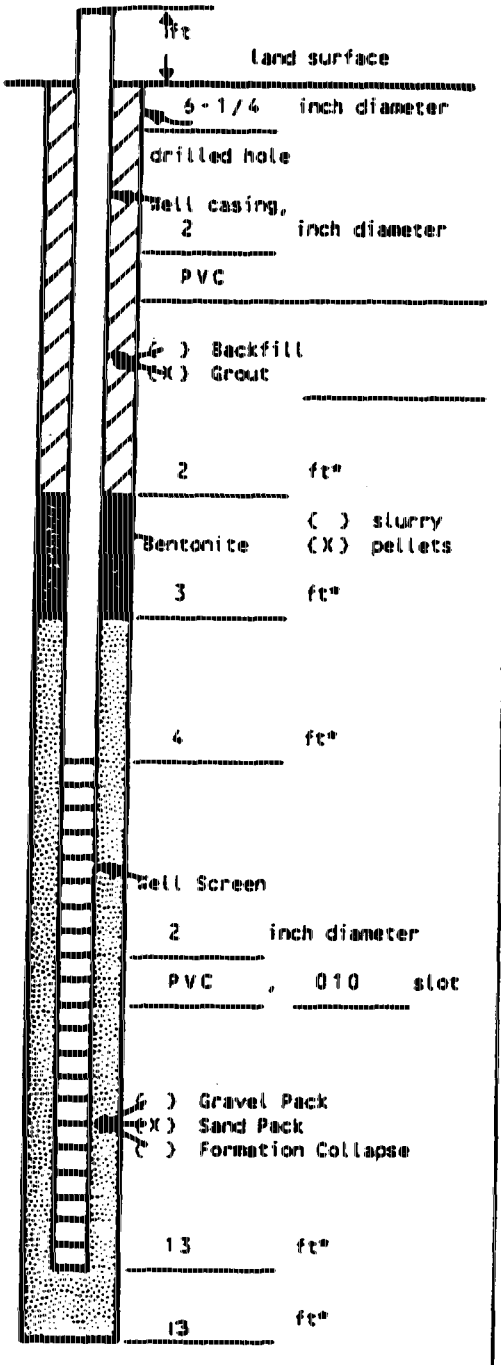
PREPARED BY: A. LaBarge HAMMER WEIGHT: 140 HAMMER DROP: 30 inches

SAMPLE DEPTH (FT BELOW LAND SURFACE)		CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION
FROM	TO			
0	2	1.2	11-9-8-	80% silt, fine, gray-brown; 20% concrete rubble from
			12	surface
2	4	0	50-60-	No recovery - nothing in spoon. (Pushing sandstone)
			80-80	
4	6	0.6	13-22-	50% Large sandstone cobbles (white); 50% silt; fine,
			30-22	gray-brown
6	8	1.5	9-11-	80% silt, fine gray-brown; 20% gravel, small
			11-20	
8	10	1.1	10-22-	80% silt, fine, gray-brown; 10% sind, fine-medium,
			17-21	red-brown; 10% gravel small
10	12	1.4	13-14-	70% silt, fine, gray-brown; 20% sand, fine-medium;
			21-22	10% gravel, small
12	13	1.1	20-22-	70% silt, fine gray-brown; 20% sand, fine-medium;
			100/0"	10% gravel, small
				Hit concrete at 13 feet

GERAGHTY & MILLER, INC.

WELL CONSTRUCTION LOG

(UNCONSOLIDATED)



Measuring Point is Top of Well Casing Unless Otherwise Noted.

* Depth Below Land Surface

Project NY03503 Well 0-1

Town/City Pittsfield

County Berkshire State MA

Permit No.

Land-Surface Elevation and Datum feet ( ) Surveyed ( ) Estimated

Installation Date(s) 3/2/90

Drilling Method Hollow-Stem Auger

Drilling Contractor Soil & Material Testing

Drilling Fluid None

Development Technique(s) and Date(s)

Fluid Loss During Drilling gallons

Water Removed During Development gallons

Static Depth to Water feet below M.P.

Pumping Depth to Water feet below M.P.

Pumping Duration hours

Yield gpm Date

Specific Capacity gpm/ft

Well Purpose Ground Water Monitoring Well

Fracture Zones

Remarks Hit concrete at 13 ft.

Prepared by A. LaBarge

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING/WELL: E-1 PROJECT NO: NY03503 PAGE: 1 of 1

SITE LOCATION: Bldg 100, GE-Pittsfield DRILLING STARTED: 3/9/90 DRILLING COMPLETED: 3/9/90

TOTAL DEPTH DRILLED: 20 HOLE DIAMETER: 6-1/4" TYPE OF SAMPLE/ CORING DEVICE: Split-Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2' x 2" (spoon) SAMPLING INTERVAL: 2 ft

LAND-SURFACE ELEVATION: ( ) SURVEYED ( ) ESTIMATED DATUM:

DRILLING FLUID USED: None DRILLING METHOD: HSA

DRILLING CONTRACTOR: Soil&Material Testing DRILLER: Bear HELPER: Joe

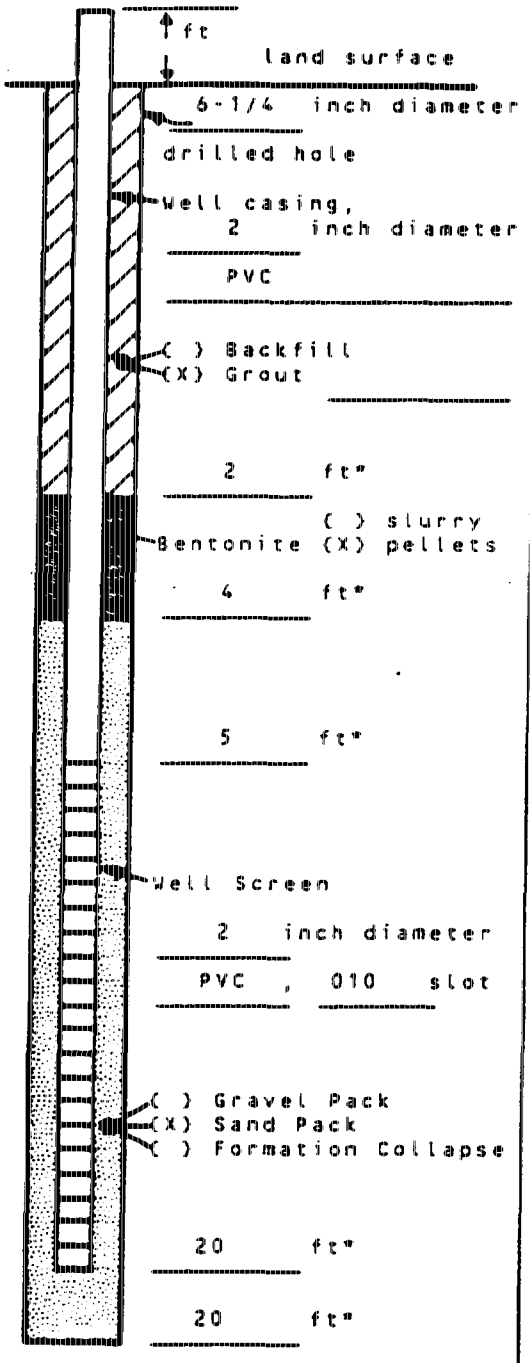
PREPARED BY: A. LaBarge HAMMER WEIGHT: 140 HAMMER DROP: 30 inches

SAMPLE DEPTH (FT BELOW LAND SURFACE) FROM	TO	CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	(0.25 ft concrete above sample level) SAMPLE/CORE DESCRIPTION
0	2	1.4	13-19-	70% sand, brown-gold, medium grain; 30% silt, brown,
			16-16	fine-medium
2	4	1.2	25-30-	70% silt, brown, fine; 30% sand, brown, fine-medium
			26-30	
4	6	1.1	23-28-	75% silt, brown, fine; 20% sand, fine-medium, brown;
			27-35	5% gravel, small
6	8	1.35	31-26-	80% silt, brown, fine; 20% sand, fine-medium, gold-brown
			27-30	
8	10	1.0	19-27-	80% silt, fine, brown; 10% sand, medium; 10% sandstone
			38-31	chunks
10	12	0.9	31-33-	90% silt, very fine, brown; 10% sand, medium, brown
			27-30	
12	14	0.5	18-22-	90% silt, very fine, brown; 10% sandstone cobbles
			68-65	
14	16	1.3	28-32-	90% silt, very fine, brown; 10% gravel, small
			33-38	
16	18	1.2	26-50-	Same
			40-42	
18	20	0.4	88-100	Same

GERAGHTY & MILLER, INC.

WELL CONSTRUCTION LOG

(UNCONSOLIDATED)



Measuring Point is Top of Well Casing Unless Otherwise Noted.

* Depth Below Land Surface

Project NY03503 Well E-1

Town/City Pittsfield

County Berkshire State MA

Permit No.

Land-Surface Elevation and Datum feet ( ) Surveyed ( ) Estimated

Installation Date(s) 3/9/90

Drilling Method Hollow-Stem Auger

Drilling Contractor Soil & Material Testing

Drilling Fluid None

Development Technique(s) and Date(s)

Fluid Loss During Drilling gallons

Water Removed During Development 14 gallons

Static Depth to Water 9.5 feet below M.P.

Pumping Depth to Water feet below M.P.

Pumping Duration hours

Yield gpm Date 3/22/90

Specific Capacity gpm/ft

Well Purpose Ground Water Monitoring Well

Fracture Zones

Remarks

Prepared by A. LaBarge

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING/WELL: F-1 PROJECT NO: NY03503 PAGE: 1 of 1

SITE LOCATION: Bldg 100, GE-Pittsfield DRILLING STARTED: 3/13/90 DRILLING COMPLETED: 3/13/90

TOTAL DEPTH DRILLED: 19 HOLE DIAMETER: 6-1/4" TYPE OF SAMPLE/ CORING DEVICE: Split-Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2' x 2" SAMPLING INTERVAL: 2 ft

LAND-SURFACE ELEVATION: ( ) SURVEYED ( ) ESTIMATED DATUM:

DRILLING FLUID USED: None DRILLING METHOD: HSA

DRILLING CONTRACTOR: Soil&Material Testing DRILLER: Bear HELPER: Joe

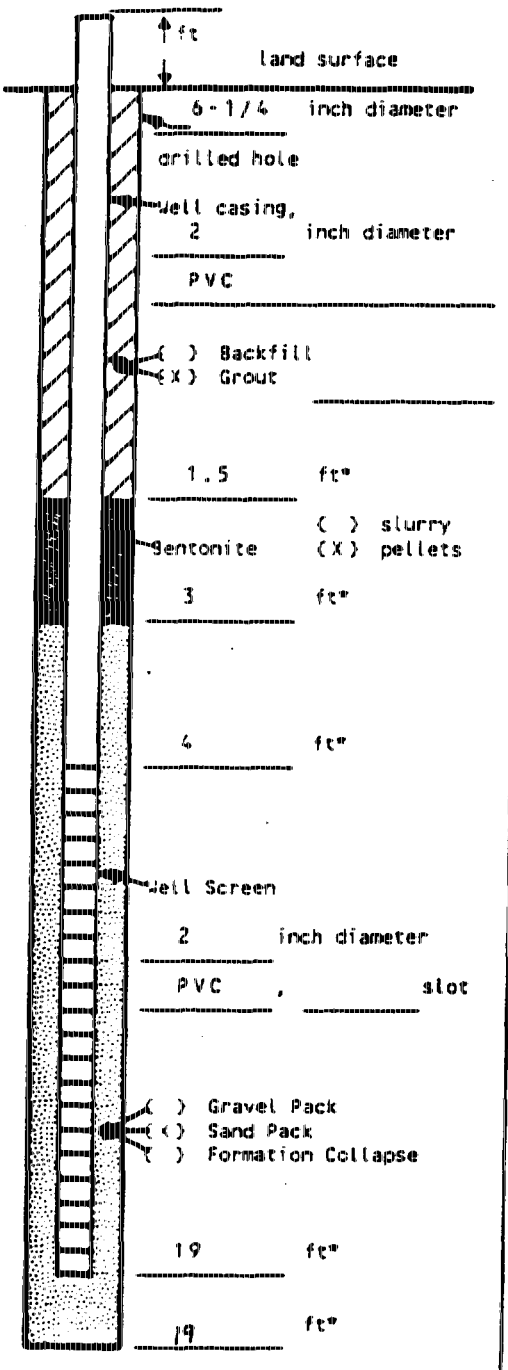
PREPARED BY: A. LaBarge HAMMER WEIGHT: 140 HAMMER DROP: 30 inches

SAMPLE DEPTH (FT BELOW LAND SURFACE) FROM	TO	CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION
0	2	1.0	9-9-19-	50% sand, very coarse, red-gold; 30% gravel, medium-
			12	large; 20% silt, medium-coarse, brown
2	4	0.6	29-27-	60% silt, fine-medium, gray-brown; 20% sand, medium-
			19-27	coarse, red-gold; 20% gravel, large
4	6	1.6	20-27-	80% silt, fine, gray-brown; 10% sand, fine-medium, red-
			40-50	brown; 10% gravel, small-medium
6	8	1.3	20-27-	Same
			34-50	
8	10	1.4	36-47-	90% silt, very fine, gray-brown; 10% gravel, small
			30-30	
10	12	1.5	18-21-	Same
			22-30	
12	14	1.5	28-37-	Same
			22-43	
14	16	1.2	20-20-	Same
			18-21	
16	18	1.0	22-21-	Same
			19-19	
18	19	1.4	22-23	Same

GERAGHTY & MILLER, INC.

WELL CONSTRUCTION LOG

(UNCONSOLIDATED)



Measuring Point is Top of Well Casing Unless Otherwise Noted.

* Depth Below Land Surface

Project NY03503 Well F-1

Town/City Pittsfield

County Berkshire State MA

Permit No.

Land-Surface Elevation and Datum feet ( ). Surveyed ( ) Estimated

Installation Date(s) 3/13/90

Drilling Method HSA

Drilling Contractor Soil & Material Testing

Drilling Fluid None

Development Technique(s) and Date(s)

Fluid Loss During Drilling gallons

Water Removed During Development 14 gallons

Static Depth to Water 12.19 feet below M.P.

Pumping Depth to Water feet below M.P.

Pumping Duration hours

Yield gpm Date 3/22/90

Specific Capacity gpm/ft

Well Purpose Ground Water Monitoring Well

Fracture Zones

Remarks

Prepared by A. LaBarge

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG

Boring/Well ES1-1 Project/No. AY05202 Page 1 of 2

Site Location GE Pittsfield, Area 1 Drilling Started 1-22-91 Drilling Completed 1-23-91

Total Depth Drilled 24 feet Hole Diameter 6.65 inches Type of Sample/ Coring Device split-spoon

Length and Diameter of Coring Device 2' x 2" Sampling Interval 2 feet

Land-Surface Elev. 1017.3 feet [X] Surveyed [ ] Estimated Datum USGS 1929

Drilling Fluid Used None Drilling Method Hollow-stem auger

Drilling Contractor Cleam Berkshires, Inc. Driller Ed Cotes Helper George/Chris

Prepared By A. LaBarge Hammer Weight 140# Hammer Drop 30 inches

Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	1.3	22-23-12-12	P101B0002	SAND (80%) black to red, medium to coarse, slightly stained
					black, dry; Gravel (20%) fine to medium, subangular, poorly
					sorted.
2	4	0.9	10-12-11-12	P101B0204	SAND (90%) stained black to red, very coarse, dry; Gravel (10%)
					fine to coarse, subangular to angular, poorly sorted.
4	6	1.2	9-8-5-6	P101B0406	SAND (90%) black and red, very coarse, dry; Gravel (10%) fine
					to coarse, subrounded to subangular, poorly sorted.
6	8	0.2	14-8-8-7	P101B0608	SAND (90%) black to gray, coarse, dry; Gravel (10%) fine to
					medium, subrounded, moderately sorted.
8	10	0.9	5-13-12-8	P101B0810	SAND (80%) red-brown to brown, medium to fine, moist; Gravel
					(10%) fine, subrounded; Rock fragments (10%) white, crushed.
10	12	1.9	6-9-8-12	P101B1012	SAND (60%) medium-brown, very fine with thin coarse-sand layers,
					moist to wet; Silt (25%) brown, very tight, moist to wet;
					Gravel (15%) fine subrounded.
12	14	2.0	14-15-22-29	P101B1214	SAND (80%) medium-brown, very fine, very tight, moist to wet;
					Silt (20%) brown, very tight, wet.
14	16	1.7	4-8-17-19	P101B1416	SAND (95%) medium to olive-brown, very fine, very tight, moist
					to wet; Gravel (5%) fine to medium, subangular to rubrounded.
16	18	2.0	18-26-20-26	P101B1618	Same as above.

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG (Cont.d)

Boring/Well ES1-1 Page 2 of 2

Prepared By A. LaBarge

Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
18	20	0.7	43-28-29-33	P101B1820	SAND (60%) olive-brown drab, fine, very tight, dry; Silt (30%) olive drab, very tight, dry; Gravel (10%) fine to coarse, subrounded to rounded.
20	22	1.0	20-36-53-50	P101B02022	Same as above, very tight, dry.
22	24	1.2	42-40-37-28	P101B2224	SAND (95%) medium to olive-brown, fine moist, tight; Gravel (5%) fine, subrounded.
					DTW = 13 feet

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG

Boring/Well ES1-2 Project/No. AY05202 Page 1 of 2

Site Location GE Pittsfield, Area 1 Drilling Started 1-24-91 Drilling Completed 1-24-91

Total Depth Drilled 30 feet Hole Diameter 6.65 inches Type of Sample/ Coring Device split-spoon

Length and Diameter of Coring Device 2' x 2" Sampling Interval 2 feet

Land-Surface Elev. 1019.9 feet ☒ Surveyed ☐ Estimated Datum USGS 1929

Drilling Fluid Used None Drilling Method Hollow-stem auger

Drilling Contractor Clean Berkshires, Inc. Driller Ed Helper George/Chris

Prepared By A. LaBarge Hammer Weight 140# Hammer Drop 30 inches

Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	0.7	60 (R)	P102B0002	SAND (60%) brown to gray, fine to medium, dry; Gravel (40%)
					fine to coarse, angular to subangular. Refusal at ~ 1 foot.
2	4	1.8	16-16-20-28	P102B0204	SAND (70%) brown to gray, medium, dry; Gravel (30%) medium,
					subangular.
4	6	1.6	12-20-25-26	P102B0406	SAND (60%) brown, fine to medium, dry; Silt (20%) brown-gray,
					dry, tight; Gravel (20%) fine to medium, subangular.
6	8	1.0	30-33-35-33	P102B0810	SAND (50%) brown, fine to medium, dry, tight; Silt (30%) brown
					to olive-drab, dry, tight; Gravel (10%) fine to medium,
					subangular; Rock fragments (10%) crushed.
8	10	1.2	13-15-14-15	P102B0810	SAND (80%) brown to red-brown, medium to coarse, dry; Gravel
					(20%) medium, subangular to subrounded.
10	12	1.7	9-7-5-9	P102B1012	SAND (85%) red-brown to brown, coarse, dry; Gravel (15%) fine
					to medium, subangular to subrounded, moderately sorted.
12	14	1.3	9-6-7-7	P102B1214	SAND (80%) red-brown, coarse, moist at top 2-inches, dry
					remainder; Rock fragments (10%) schist and white sandstone;
					fine, subangular.
14	16	0.7	4-11-5-5	P102B1416	SAND (85%) medium brown, medium at top, red-brown, coarse at
					base, moist; Gravel (15%) fine to medium, subangular to
					subrounded.

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG (Cont.d)

Boring/Well ES1-2 Page 2 of 2

Prepared By A. LaBarge

Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
16	18	2.0	5-3-4-3	P102B1618	SAND (100%) red and brown, coarse, moist.
18	20	1.1	2-4-6-9	P102B1820	SAND (85%) brown-gray, medium, moist to wet; Gravel (15%) fine to medium, subrounded.
20	22	2.0	7-10-10-23	P102B2022	SAND (50%) medium to olive-brown, fine to coarse, wet; Silt (30%) olive-brown, wet; Gravel (20%) medium to coarse, subangular to angular.
22	24	2.0	30-22-27-42	P102B2224	SAND (50%) olive-brown, medium, wet; Gravel (50%) coarse, subrounded.
24	26	1.7	4-18-24-25	P102B2426	SAND (80%) medium-brown, medium at top, wet, olive-brown, fine at base; Gravel (20%) fine to coarse, subangular to subrounded.
26	28	1.6	20-35-39-43	P102B2628	SAND (60%) olive-brown, fine to medium, dry, very tight; Silt (20%) olive-brown, dry, tight; Gravel (20%) fine to coarse, subangular to angular.
28	30	2.0	31-30-27-45	P102B2830	SAND (70%) olive-brown to grey-brown, very fine, dry; Silt (15%) olive-brown, dry; Gravel (15%) fine to medium, angular.

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG

Boring/Well ES1-3 Project/No. AY05202 Page 1 of 2

Site Location GE Pittsfield, Area 1 Drilling Started 1-25-91 Drilling Completed 1-25-91

Total Depth Drilled _____ feet Hole Diameter 6.65 inches Type of Sample/ Coring Device Split-spoon

Length and Diameter of Coring Device 2" x 2" Sampling Interval 2 feet

Land-Surface Elev. 1022.9 feet ☑ Surveyed ☐ Estimated Datum USGS 1929

Drilling Fluid Used None Drilling Method Hollow-stem auger

Drilling Contractor Clean Berkshires, Inc. Driller Ed Helper George/Chris

Prepared By A. LaBarge Hammer Weight 140# Hammer Drop 30 inches

Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	1.7	43-49-20-30	P20380002	SAND (50%) brown to olive-brown, fine to medium, dry; Gravel
					(50%) fine to coarse, angular to subangular.
2	4	2.0	20-29-22-20	P20380204	Same as above.
4	6	0.3	12-14-17-13	P20380406	SAND (80%) brown, fine to medium, moist at top; Gravel (20%)
					fine to medium, subangular.
6	8	1.2	12-12-11-11	P20380608	SAND (70%) stained black, medium, dry, slight odor; Gravel (15%)
					fine to medium, subangular; Rock fragments (15%) white
					sandstone, broken.
8	10	0.2	21-15-10-7	P20380810	SAND (50%) olive-brown to brown, fine to medium, moist; Rock
					fragments (50%) sandstone.
10	12	1.2	5-3-3-3	P20381012	SAND (90%) red-brown, coarse, moist; Gravel (10%) medium,
					subangular to subrounded.
12	14	1.6	5-5-4-5	P20381214	SAND (90%) red-brown to brown, coarse to medium, moist; Gravel
					(10%) fine to medium, subangular to subrounded.
14	16	1.3	9-6-5-5	P20381416	Same as above, moist.
16	18	2.0	4-12-19-29	P20381618	SAND (80%) brown, medium to coarse, moist to wet; Gravel (20%)
					Gravel (10%) fine to coarse, subangular to subrounded.
14	16	1.2	4-11-5-5	P101B1416	SAND (85%) medium brown, medium at top, red-brown, coarse at
					base, moist; Gravel (15%) fine to medium, subangular to
					subrounded.

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG (Cont.d)

Boring/Well ES1-3 Page 2 of 2

Prepared By A. LaBarge

Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
20	22	1.0	17-25-26-25	P20382022	Same as above, moist at top 4-inches, very tight, dry base.
22	24	1.8	13-21-24-30		Same as above, tight, dry.
24	26	1.7	13-23-24-25		SAND (50%) brown to olive-brown, very fine, dry, very tight; Silt (40%) olive-brown, dry, very tight; Gravel (10%) fine to medium, sugangular to subrounded.
26	28	1.6	14-28-26-27		Same as above.
28	30		31-33-36-40		Same as above, dryer, very tight.

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG

Boring/Well RF-13 Project/No. AY05602 - ROGEF Page 1 of 2

Site Location GE - Corner of New York Ave. & Merrill Road Drilling Started 5-30-91 Drilling Completed 5-30-91

Total Depth Drilled 20 feet Hole Diameter 15 inches Type of Sample/ Coring Device Split Spoon

Length and Diameter of Coring Device 2' x 2" Sampling Interval 2 feet

Land-Surface Elev. _____ feet ☐ Surveyed ☐ Estimated Datum _____

Drilling Fluid Used None Drilling Method 6 1/4" Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller G. Rustemeyer Helper B. Pike

Prepared By S. Beames Hammer Weight 140# Hammer Drop 30 inches

Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 Inches	SAMPLE ID	Sample/Core Description
0	2	1.8	11-21-18-12	PG1380002	Fill - SAND (60%) brown, coarse to fine; Gravel (30%) medium
					to fine, subround; poorly sorted; Cinder, Organics (10%);
					trace Silt; dry-damp.
2	4	2.0	9-10-10-7	PG1380204	Fill - SAND (45%) as above; Boulder and Cobbles (40%);
					Gravel (10%) as above; Clayey Silt and coarse to medium Sand
					with white crystalline substance intermixed (5%); poorly sorted,
					damp-moist.
4	6	0.5	8-5-10-11	PG1380406	Fill - SAND (90%) black-brown, medium to fine; Gravel (10%)
					fine, trace coarse to medium, subrounded; moist.
6	8	1.5	5-6-7-12	PG1380608	Fill - SAND (90%) black, fine, semi-tight; gray, fine, semi-
					loose; brown, coarse to medium, loose, well sorted, dry-damp;
					Gravel (10%) fine, subrounded; trace Silt with black Sand; well
					separated layers, moist.
8	10	2.0	11-9-10-11	PG1380810	Fill - SAND (95%) gray, fine; brown, coarse to medium, loose;
					black, fine to medium with trace Silt; well separated; upper
					1.0' moist, lower 1.0' wet.
10	12	1.8	4-3-3-4	PG1381012	SAND (80%) brown-gray, coarse to fine, some sorting; Silt (15%)
					olive brown-gray; Gravel (5%) fine; poorly sorted, wet-saturated
12	14	0.4	4-6-6-5	PG1381214	SAND (60%) olive brown-gray, medium to fine; Silt (40%) olive
					brown; poorly sorted, trace fine Gravel, wet-saturated.

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG (Cont.d)

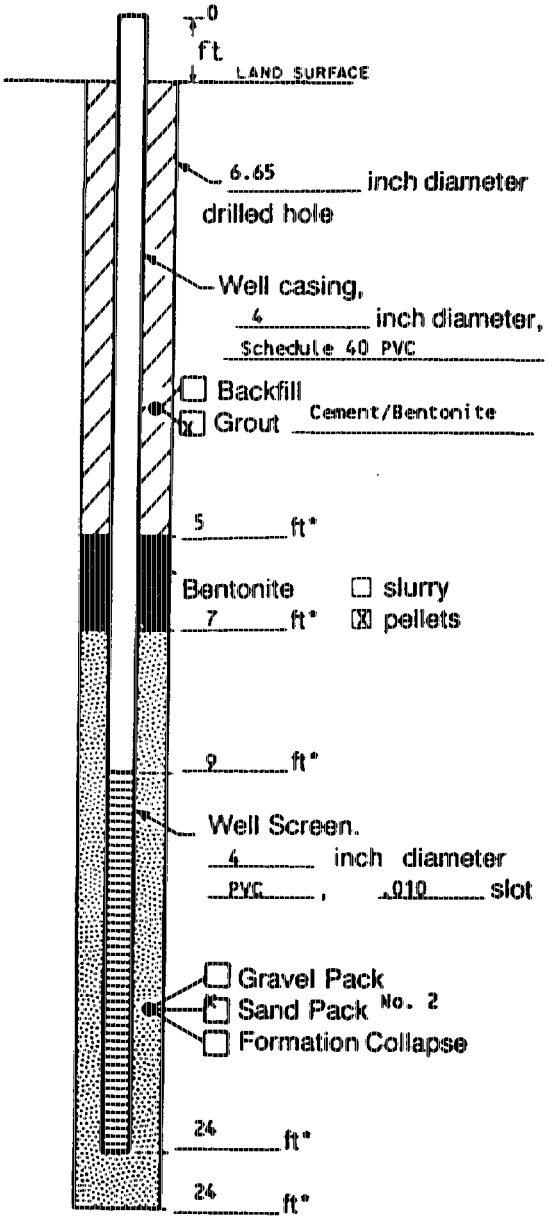
Boring/Well RF-13

Prepared By S. Bennes

Sample/Core Depth (feet below land surface) From	To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
16	16	1.8	2-5-6-8	PG1381416	SAND (90%) brown, coarse to medium; Gravel (5%) medium to
					fine, subrounded; Silt (5%) brown; poorly sorted,
					wet-saturated.
16	18	2.0	6-8-12-19	PG1381618	SAND (95%) brown, coarse to medium, trace fine; Silt (5%)
					brown-gray; wet-saturated.
18	20	2.0	3-5-4-5	PG1381820	SAND (100%) brown, coarse to medium, trace fine Gravel,
					1/2" Silt with roots in shoe; wet-saturated.
	20				End of Boring
					Water at 9.0'

GERAGHTY & MILLER, INC.
Environmental Services

WELL CONSTRUCTION LOG
(UNCONSOLIDATED)



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

*Depth Below Land Surface

Project AY05202 Well ES1-1

Town/City Pittsfield

County Berkshire State MA

Permit No. _____

Land-Surface Elevation

and Datum 1017.09 feet (USGS 1929) [X] Surveyed [ ] Estimated

Installation Date(s) 1-22-91 through 1-23-91

Drilling Method Hollow-stem auger

Drilling Contractor Clean Berkshires, Inc.

Drilling Fluid None

Development Technique(s) and Date(s)
Centrifugal Pump 1-28-91, 1-29-91

Fluid Loss During Drilling None gallo

Water Removed During Development 65 gallo

Static Depth to Water 13.11 feet below M.

Pumping Depth to Water _____ feet below M

Pumping Duration _____ hours

Yield _____ gpm Date 1-28-91

Specific Capacity _____ gpm/ft

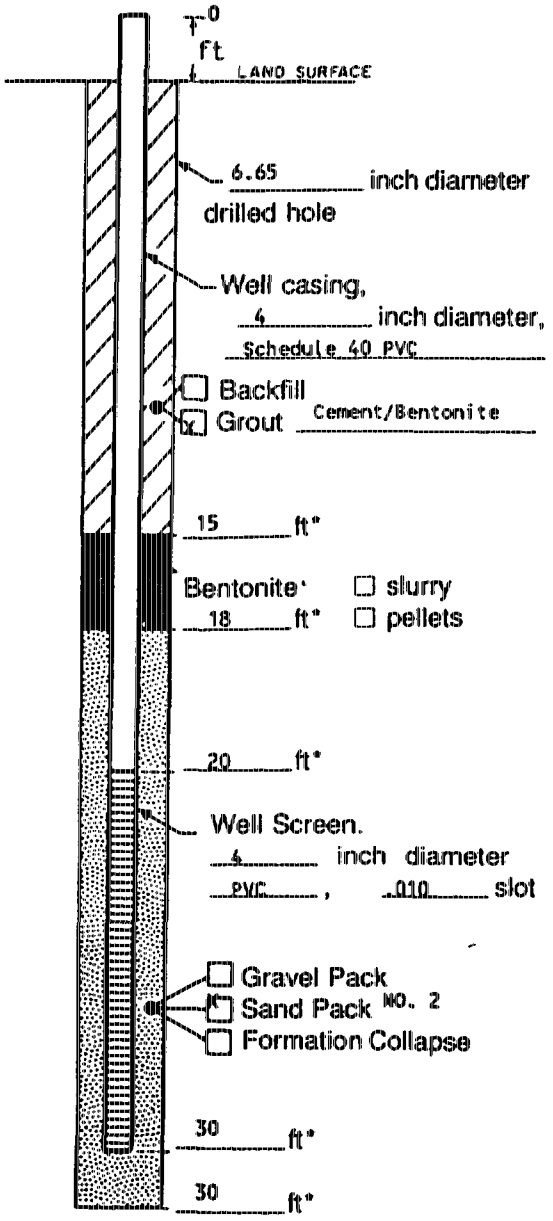
Well Purpose Groundwater monitoring well

Remarks
DTW = 13 feet

Prepared by A. LaBarge

GERAGHTY & MILLER, INC.
Environmental Services

WELL CONSTRUCTION LOG
(UNCONSOLIDATED)



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

*Depth Below Land Surface

Project AY05202 Well ES1-2

Town/City Pittsfield

County Berkshire State MA

Permit No.

Land-Surface Elevation

and Datum 1019.97 feet ☒ Surveyed
USGS 1929 ☐ Estimated

Installation Date(s) 1-24-91

Drilling Method Hollow-stem auger

Drilling Contractor Clean Berkshires, Inc.

Drilling Fluid None

Development Technique(s) and Date(s)
Centrifugal Pump 1-29-91

Fluid Loss During Drilling None gallon

Water Removed During Development 45 gallon

Static Depth to Water 17.67 feet below M.P

Pumping Depth to Water feet below M.P

Pumping Duration hours

Yield gpm Date 1-29-91

Specific Capacity gpm/ft

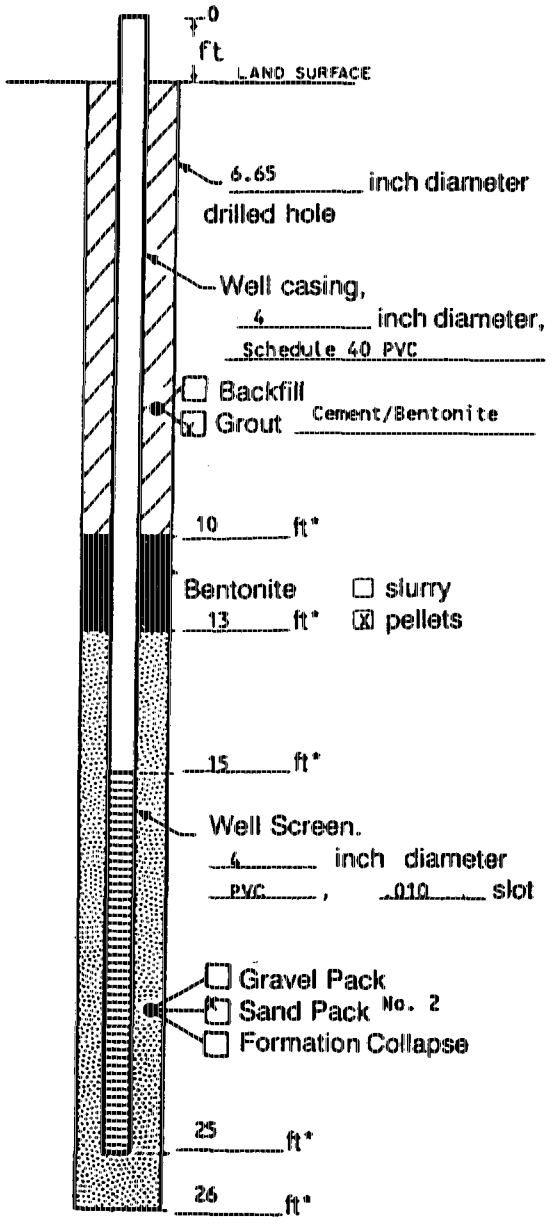
Well Purpose Intermediate groundwater monitoring well

Remarks
DTW = 17 feet

Prepared by A. LaBarge

GERAGHTY & MILLER, INC.
Environmental Services

WELL CONSTRUCTION LOG
(UNCONSOLIDATED)



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

*Depth Below Land Surface

Project AY05202 Well ES1-3

Town/City Pittsfield

County Berkshire State MA

Permit No. _____

Land-Surface Elevation

and Datum 1023.09 feet USGS 1929 [X] Surveyed [ ] Estimated

Installation Date(s) 1-25-91

Drilling Method Hollow-stem auger

Drilling Contractor Clean Berkshires, Inc.

Drilling Fluid None

Development Technique(s) and Date(s)
Centrifugal Pump 1-30-91

Fluid Loss During Drilling None gallons

Water Removed During Development 75 gallons

Static Depth to Water 17.26 feet below M.P

Pumping Depth to Water _____ feet below M.P

Pumping Duration _____ hours

Yield _____ gpm Date 1-30-91

Specific Capacity _____ gpm/ft

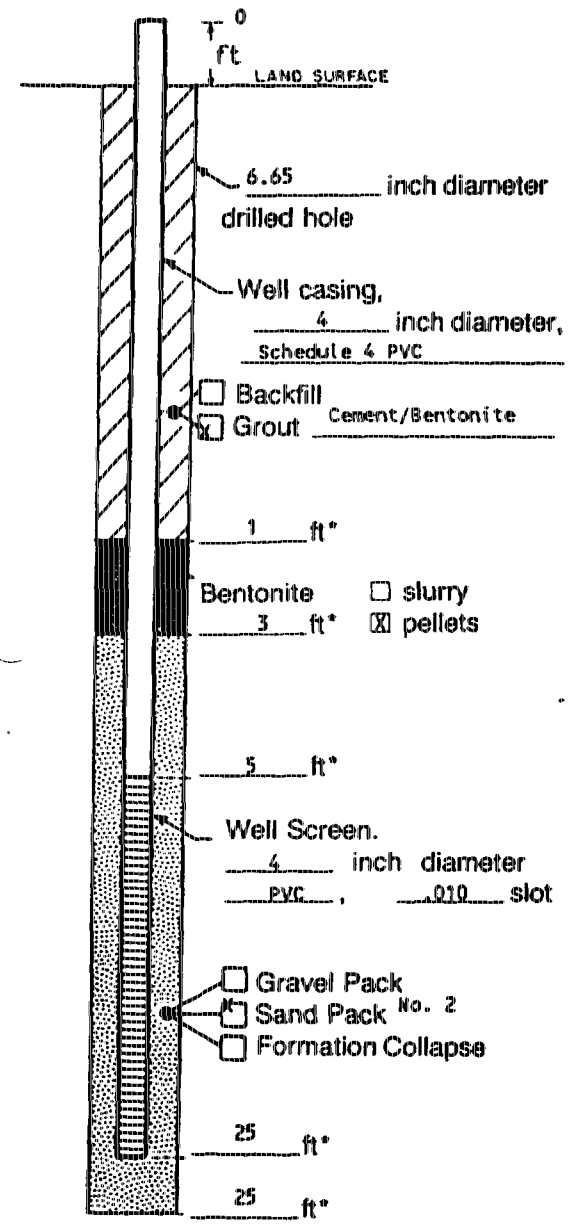
Well Purpose Intermediate groundwater monitoring well

Remarks
DTW = 11 feet

Prepared by A. LaBarge

GERAGHTY & MILLER, INC.
Environmental Services

WELL CONSTRUCTION LOG
(UNCONSOLIDATED)



Measuring Point is Top of Well Casing Unless Otherwise Noted.

*Depth Below Land Surface

Project AY05202 Well ES1-4

Town/City Pittsfield

County Berkshire State MA

Permit No. _____

Land-Surface Elevation and Datum 1022.09 feet USGS 1929

[X] Surveyed [ ] Estimated

Installation Date(s) 1-29-91

Drilling Method Hollow-stem auger

Drilling Contractor Clean Berkshires, Inc.

Drilling Fluid None

Development Technique(s) and Date(s)
Centrifugal Pump 1-3-91, 1-31-91

Fluid Loss During Drilling None gallons

Water Removed During Development 40 gallons

Static Depth to Water 14.57 feet below M.P.

Pumping Depth to Water _____ feet below M.P.

Pumping Duration _____ hours

Yield _____ gpm Date 1-30-91

Specific Capacity _____ gpm/ft

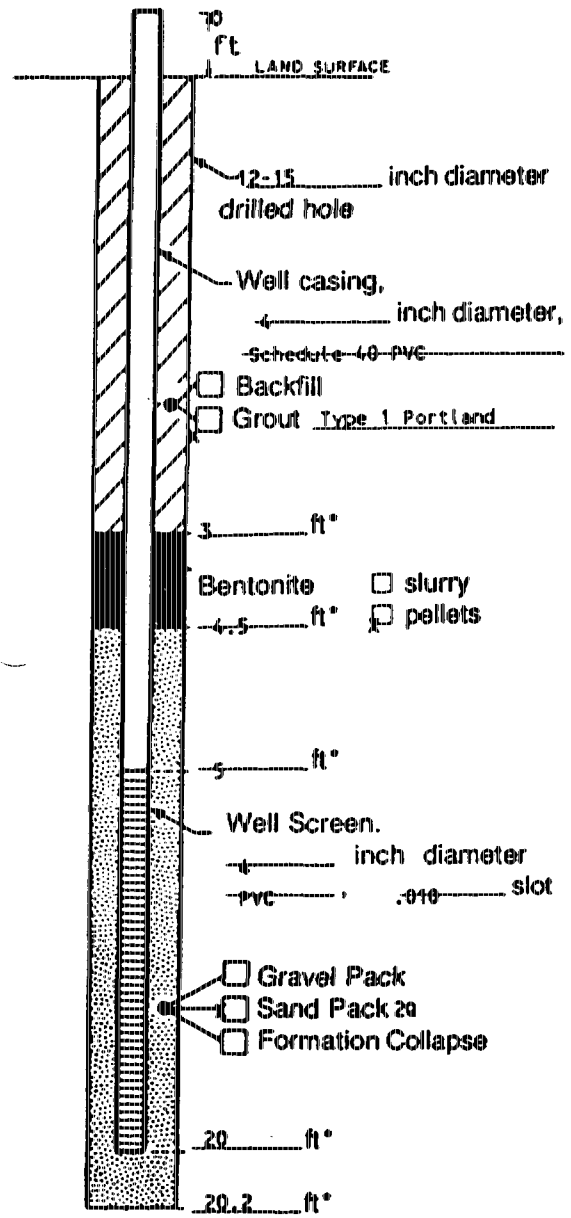
Well Purpose Groundwater Monitoring Well

Remarks DTW ≈ 15 feet

Prepared by A. LaBarge

GERAGHTY & MILLER, INC.
Environmental Services

WELL CONSTRUCTION LOG
(UNCONSOLIDATED)



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

*Depth Below Land Surface

Project AY05602 - ROGEF Well RF-13

Town/City Pittsfield

County Berkshire State MA

Permit No. _____

Land-Surface Elevation

and Datum _____ feet ☐ Surveyed

_____ ☐ Estimated

Installation Date(s) 5-30-91

Drilling Method 6 1/4" Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc.

Drilling Fluid None

Development Technique(s) and Date(s)

Bladder Pump, 6-21-91

Fluid Loss During Drilling NA gallons

Water Removed During Development 80 gallons

Static Depth to Water 9.92 feet below M.P.

Pumping Depth to Water _____ feet below M.P.

Pumping Duration 0.3 hours

Yield 5/4 min gpm Date 6-21-91

Specific Capacity _____ gpm/ft

Well Purpose

Ground Water Monitoring

Remarks

2 bags #20 Sand

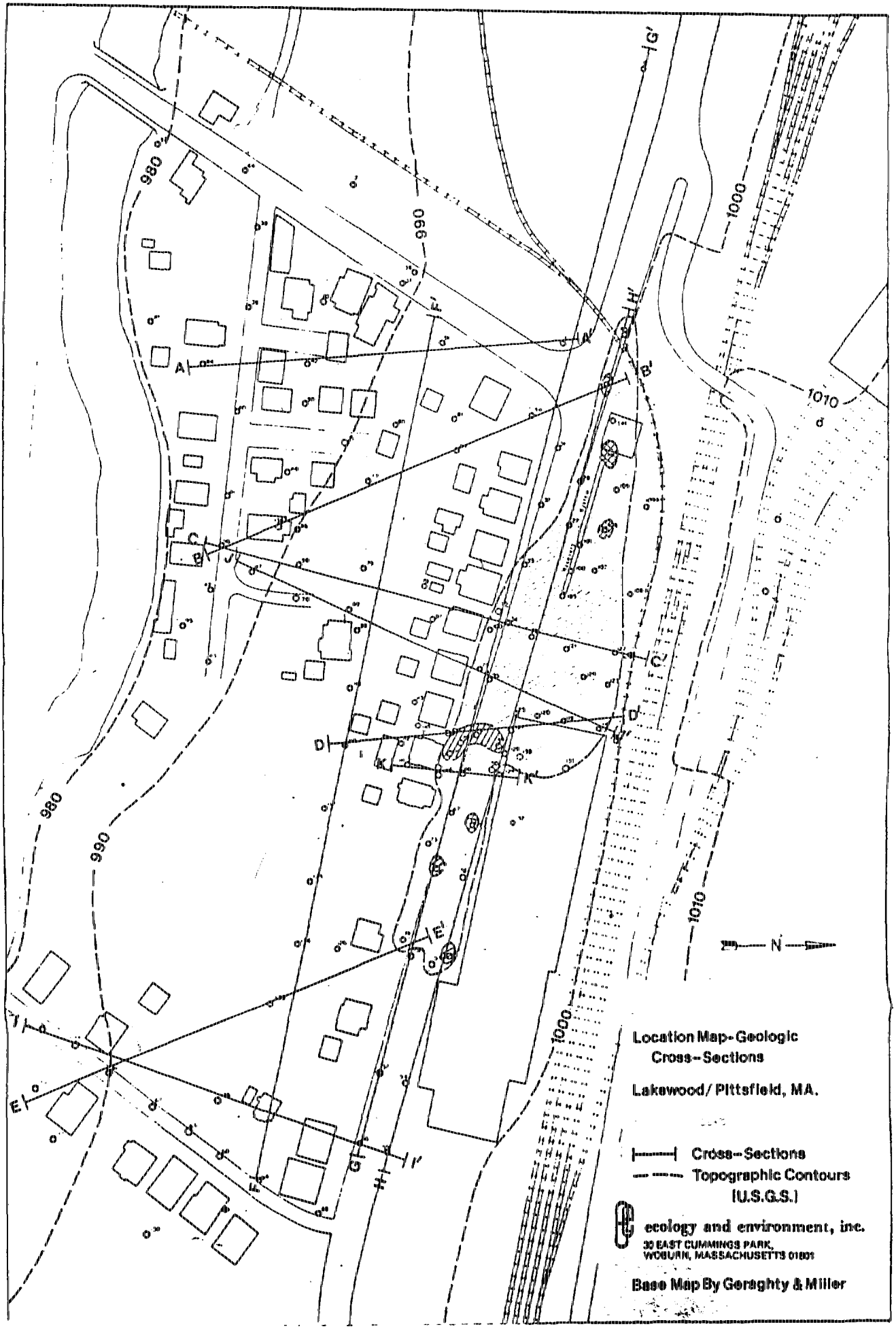
1 bucket Bentonite Pellets

3 bags Type 1 Portland Cement

Prepared by S. Reames

APPENDIX H

GEOLOGIC CROSS-SECTIONS PREPARED BY ECOLOGY AND ENVIRONMENT (OCTOBER 1983)


980
990
1000
1010
A
A'
B
B'
C
C'
D
D'
E
E'
F
F'
G
G'
H
H'
K
K'
N
Location Map-Geologic Cross-Sections
Lakewood/Pittsfield, MA.
Cross-Sections
Topographic Contours (U.S.G.S.)
ecology and environment, inc.
30 EAST CUMMINGS PARK, WOBURN, MASSACHUSETTS 01801
Base Map By Geraghty & Miller

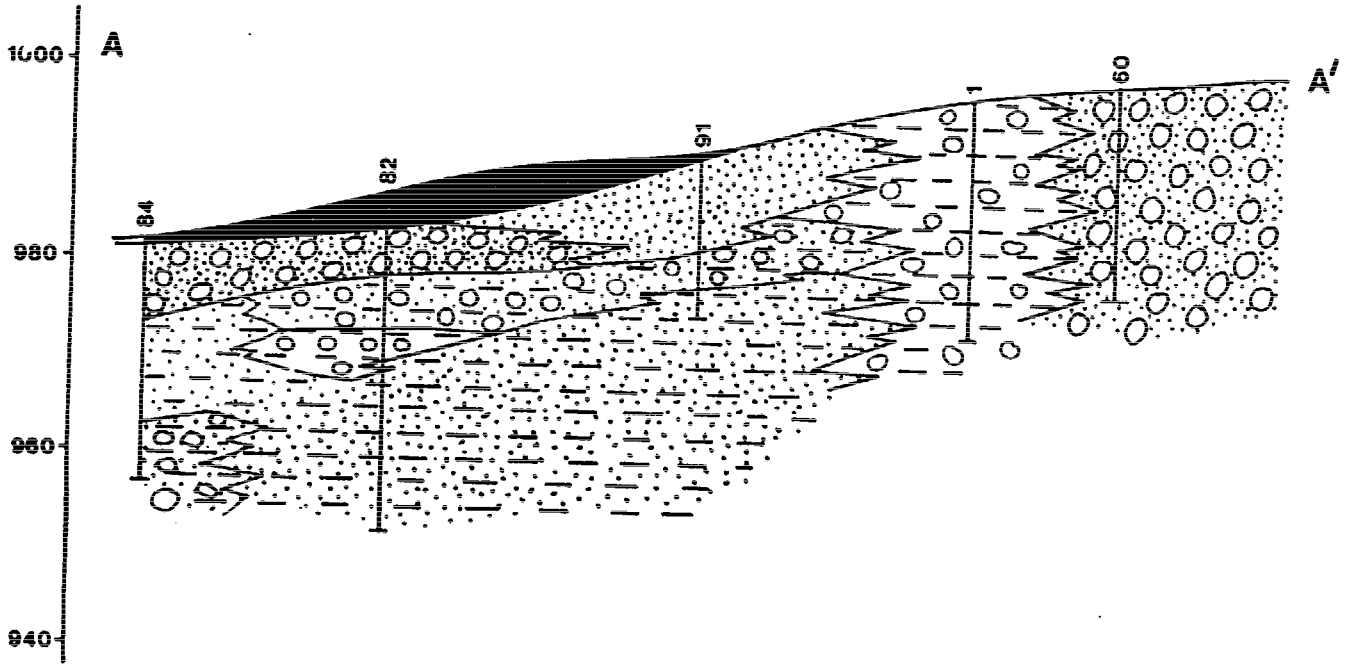


Figure 3-2
Geologic Cross-Section A-A'

Lakewood/Pittsfield, MA.

Horizontal Scale: 1"=40'
Vertical Exaggeration: 2X
Vertical Scale In Feet MSL
88 Well Locations

Fill, Topsoil
Clay, Silt
Sand
Gravel
Boulders
Bedrock
Note: Symbols May Be Combined

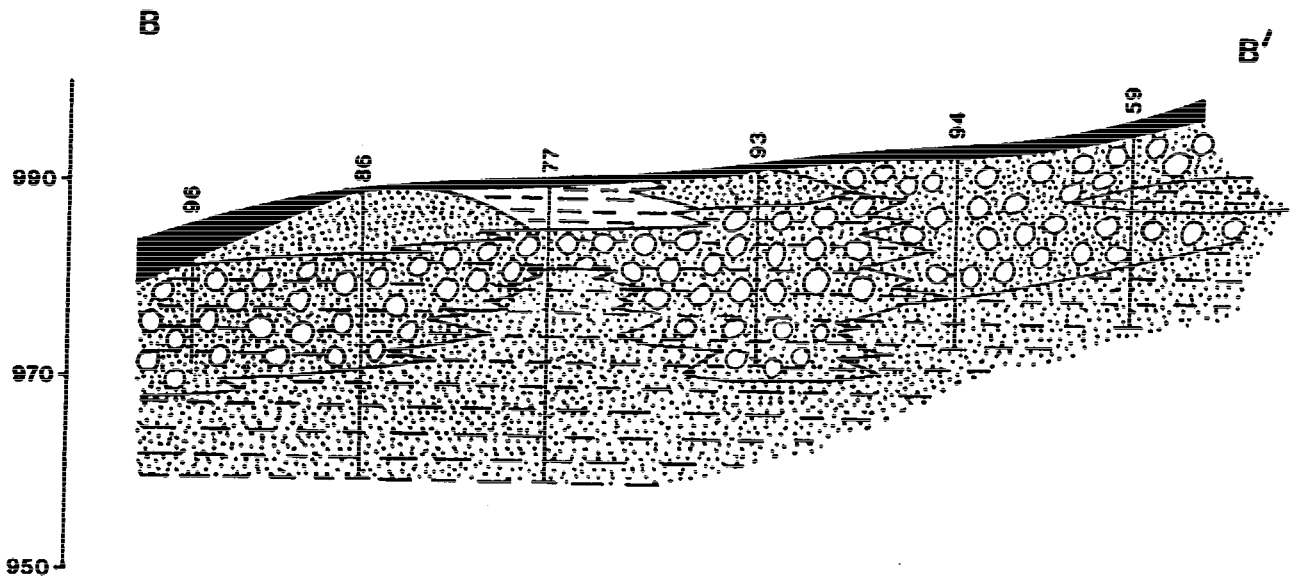


Figure 3-3
Geologic Cross-Section B-B'

Lakewood/Pittsfield, MA.

Horizontal Scale: 1"=40'
Vertical Exaggeration: 2X
Vertical Scale In Feet MSL
88 Well Locations

Fill, Topsoil
Clay, Silt
Sand
Gravel
Boulders
Bedrock
Note: Symbols May Be Combined

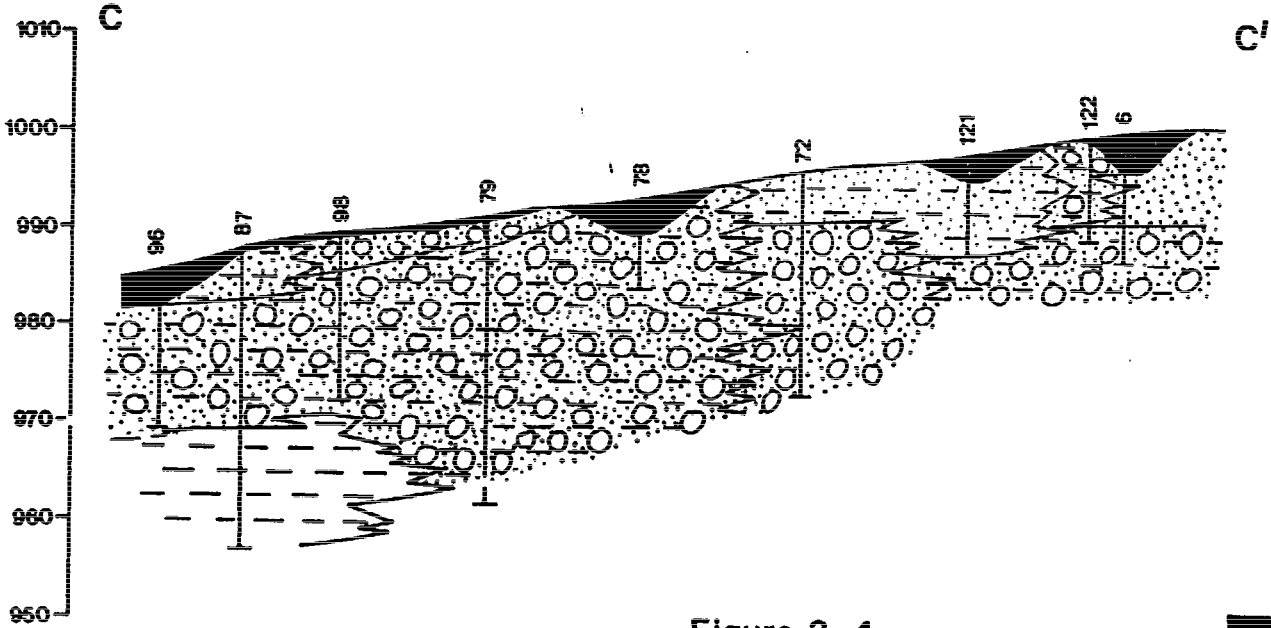


Figure 3-4
Geologic Cross-Section C-C'

Lakewood/Pittsfield, MA.

Horizontal Scale: 1"=40'
Vertical Exaggeration: 2X
Vertical Scale in Feet MSL
88 Well Locations

Fill, Topsoil
Clay, Silt
Sand
Gravel
Boulders
Bedrock
Note: Symbols May Be Combined

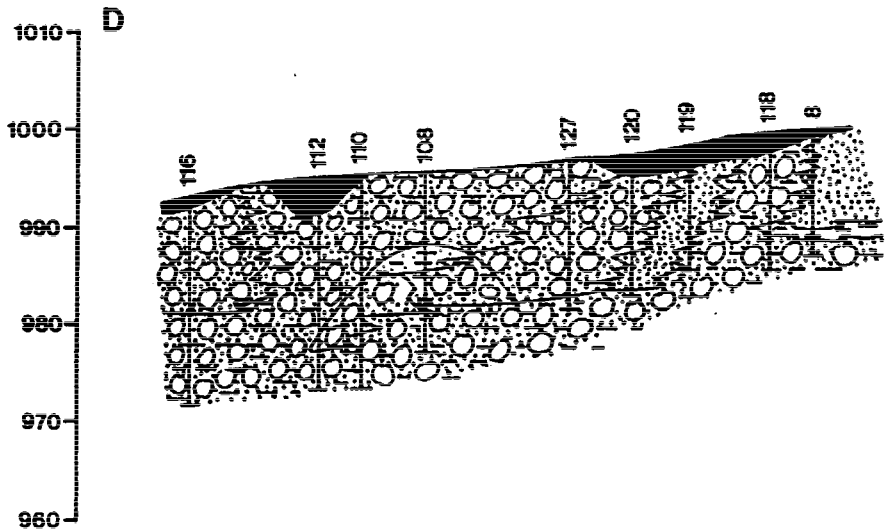


Figure 3-5
Geologic Cross-Section D-D'

Lakewood/Pittsfield, MA.

Horizontal Scale: 1"=40'
Vertical Exaggeration: 2X
Vertical Scale In Feet MSL
88 Well Locations

Fill, Topsoil
Clay, Silt
Sand
Gravel
Boulders
Bedrock
Note: Symbols May Be Combined

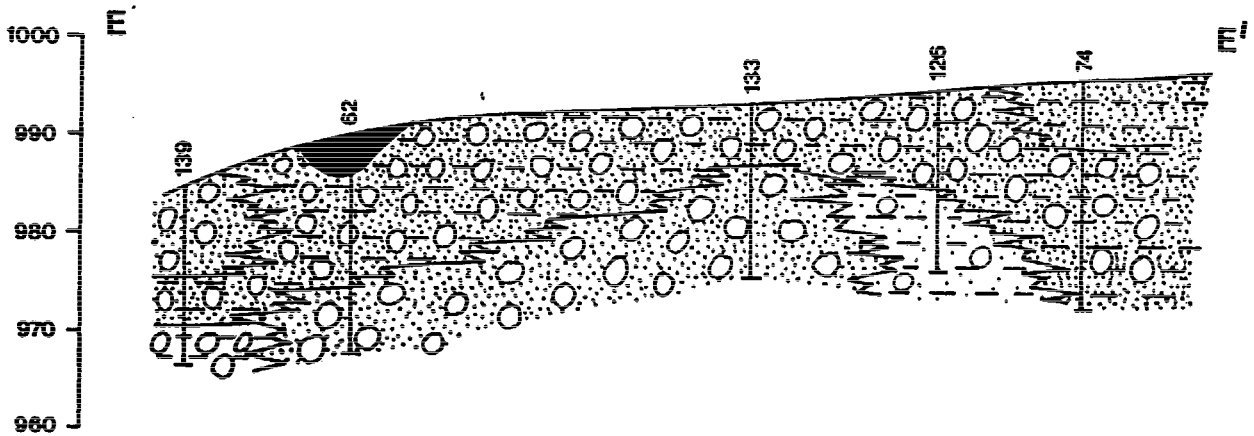


Figure 3-6
Geologic Cross-Section E-E'

Lakewood/Pittsfield, MA.

Horizontal Scale: 1"=40'
Vertical Exaggeration: 2X
Vertical Scale in Feet MSL
88 Well Locations

Fill, Topsoil
Clay, Silt
Sand
Gravel
Boulders
Bedrock

Note: Symbols May Be Combined

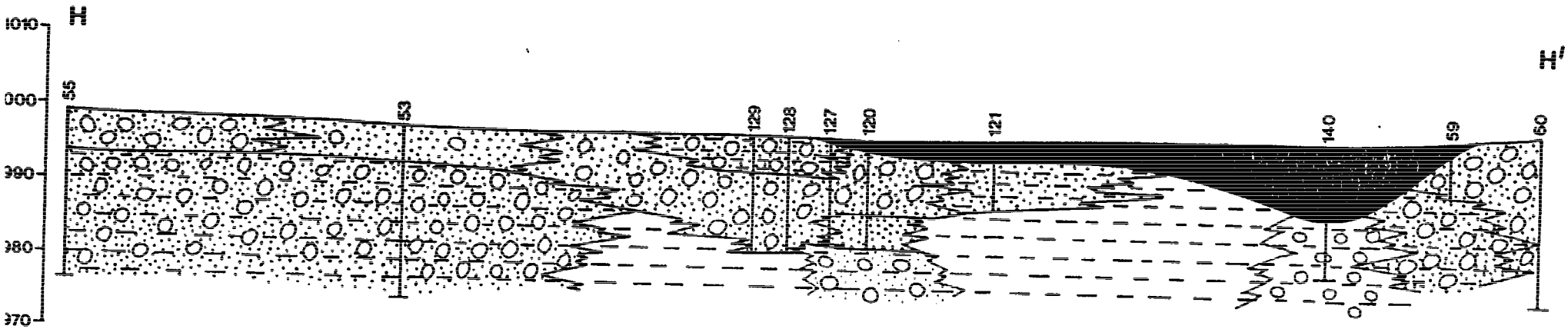


Figure 3-9
Geologic Cross-Section H-H'

Lakewood/Pittsfield, MA.

Horizontal Scale: 1"=40'
Vertical Exaggeration: 2X
Vertical Scale in Feet MSL
88 Well Locations

Fill, Topsoil
Clay, Silt
Sand
Gravel
Boulders
Bedrock
Note: Symbols May Be Combined

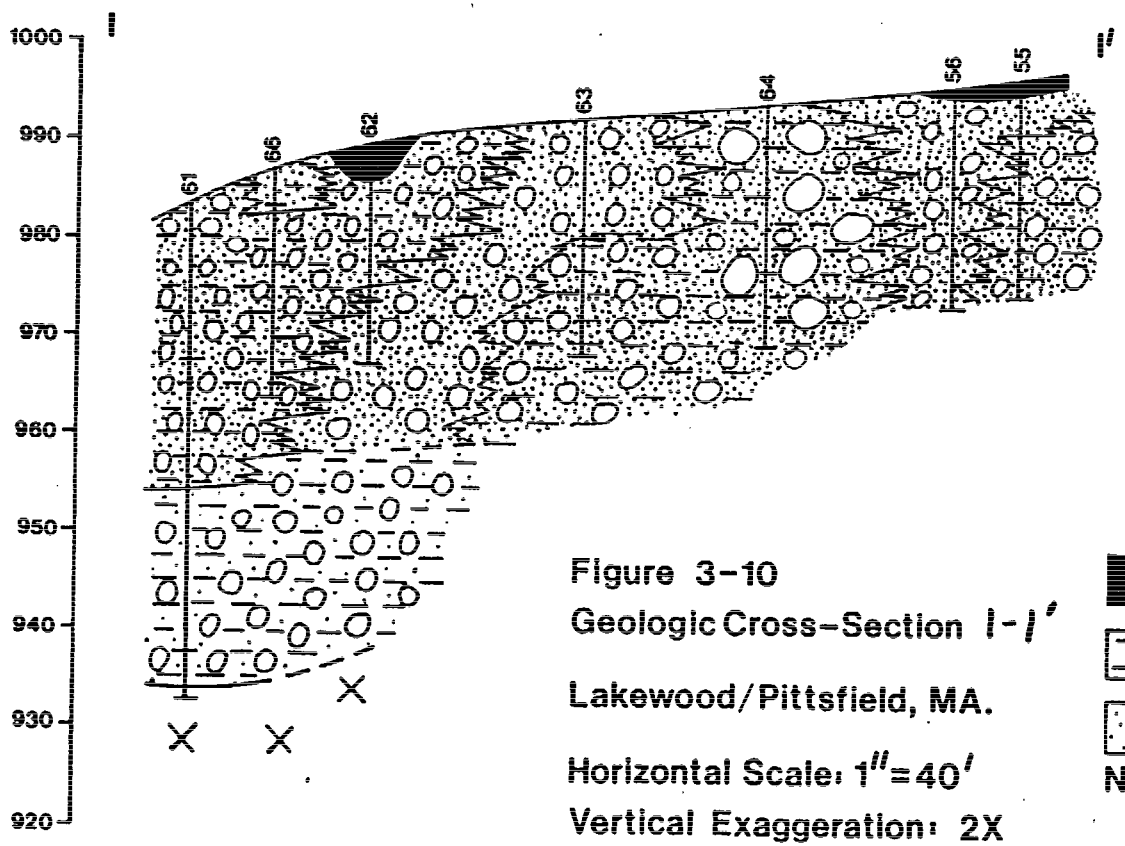


Figure 3-10
Geologic Cross-Section I-I'

Lakewood/Pittsfield, MA.

Horizontal Scale: 1"=40'
Vertical Exaggeration: 2X
Vertical Scale in Feet MSL
88 Well Locations

Fill, Topsoil
Clay, Silt
Sand
Gravel
Boulders
Bedrock
Note: Symbols May Be Combined

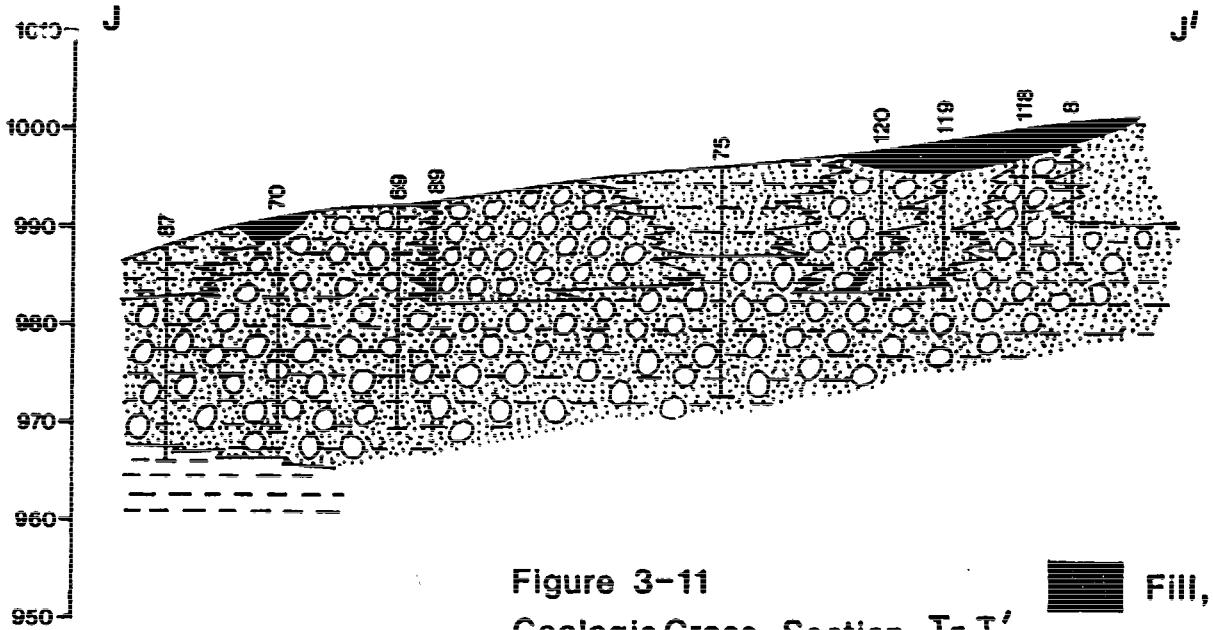


Figure 3-11
Geologic Cross-Section J-J'

Lakewood/Pittsfield, MA.

Horizontal Scale: 1"=40'
Vertical Exaggeration: 2X
Vertical Scale In Feet MSL
88 Well Locations

Fill, Topsoil
Clay, Silt
Sand
Gravel
Boulders
Bedrock
Note: Symbols May Be Combined

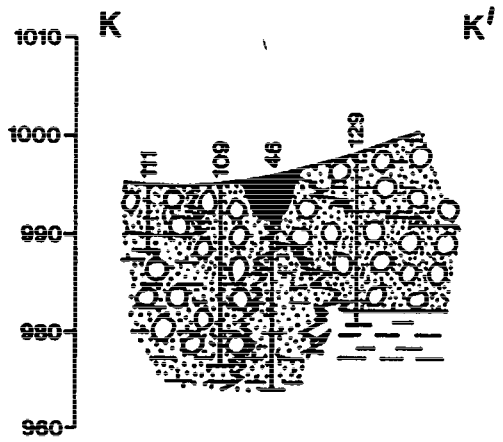


Figure 3-12
Geologic Cross-Section K-K'

Lakewood/Pittsfield, MA.

Horizontal Scale: 1"=40'
Vertical Exaggeration: 2X
Vertical Scale in Feet MSL
88 Well Locations

Fill, Topsoil
Clay, Silt
Sand
Gravel
Boulders
Bedrock

Note: Symbols May Be Combined

APPENDIX I

WATER LEVEL AND OIL THICKNESS DATA

APPENDIX I
TABLE I–1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1979 – 1980
(Data presented in feet above mean sea level)

Well No.	Aug. 1979	Sept. 1979	Oct. 1979	Apr. 1980	May 1980	June 1980	July 1980	Sept. 1980	Nov. 1980
1	973.8	974.0	974.8	974.55	973.68	973.29	974.04	972.71	971.96
2	962.4	962.4	963.8	964.37	--	961.88	--	--	961.18
3	986.7	986.8	986.6	--	--	--	--	--	--
4	986.1	986.3	986.0	--	--	--	--	--	--
5	962.9	963.5	965.0	965.35	--	963.50	--	--	961.57
6	986.8	987.0	986.8	986.70	986.57	986.63	987.70	986.95	986.94
7	984.0	985.3	*	*	*	*	*	*	*
8	988.0	989.2	987.5	989.37	987.72	987.44	987.48	986.79	987.26
9	995.9	995.8	991.8	996.68	--	997.61	--	--	995.46
10	991.1	991.0	991.1	990.83	--	990.95	--	--	990.87
11	996.1	996.2	1001.3	996.17	--	996.34	--	--	998.28
12	961.3	963.8	962.5	--	--	--	--	--	--
13	961.8	963.6	962.7	--	--	--	--	--	--
14	--	--	983.5	--	--	--	--	--	--
15	--	--	982.9	--	--	--	--	--	--
16	--	--	983.2	--	--	--	--	--	--
17	--	--	983.1	--	--	--	--	--	--
18	--	--	982.9	--	--	--	--	--	--
19	--	--	983.4	--	--	--	--	--	--
20	--	--	985.2	--	--	--	--	--	--
21	--	--	983.9	--	--	--	--	--	--
22	--	--	983.2	--	--	--	--	--	--
23	--	--	984.9	--	--	--	--	--	--
24	--	--	982.8	--	--	--	--	--	--
25	--	--	984.2	984.50	984.11	983.78	983.66	983.26	983.19

(See Notes on Page 6)

APPENDIX I
TABLE I-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1979 – 1980
(Data presented in feet above mean sea level)

Well No.	Aug. 1979	Sept. 1979	Oct. 1979	Apr. 1980	May 1980	June 1980	July 1980	Sept. 1980	Nov. 1980
26	--	--	985.3	--	--	--	--	--	--
27	--	--	981.5	980.31	978.53	978.11	977.94	976.89	976.57
28	--	--	982.4	980.27	978.43	978.01	978.01	dry	980.97
29	--	--	984.7	985.30	984.65	984.39	984.23	983.76	983.60
30	--	--	983.6	* *	983.29	983.02	982.69	982.09	982.30
31	--	--	980.4	980.02	978.73	978.03	977.96	976.81	977.24
32	--	--	981.4	982.20	980.58	979.63	979.38	978.21	978.33
33	--	--	981.7	982.66	981.57	980.84	980.61	979.44	979.31
34	--	--	982.8	983.57	983.09	983.10	982.44	983.05	982.05
35	--	--	983.8	984.18	* *	983.47	983.33	983.03	983.02
36	--	--	967.0	967.60	--	965.28	--	--	966.15
37	--	--	967.2	967.93	--	964.67	--	--	* *
38	--	--	962.3	963.96	--	961.52	--	--	963.08
39	--	--	964.1	965.51	--	963.33	--	--	962.34
40	--	--	969.1	969.67	--	968.56	--	--	967.80
41	--	--	970.8	971.84	--	973.57	--	--	969.74
42	--	--	972.6	974.16	--	971.26	--	--	970.05
43	--	--	975.1	976.84	--	973.16	--	--	971.66
44	--	--	962.4	963.98	--	961.59	--	--	961.76
45	--	--	983.8	984.32	983.91	983.34	983.52	983.36	983.11
46	--	--	982.9	982.78	982.93	982.75	982.85	982.23	982.43
47	--	--	982.9	983.22	982.79	982.52	982.43	982.05	982.17
48	--	--	983.1	983.29	983.06	982.77	982.43	982.25	982.35
49	--	--	983.8	984.28	983.84	983.50	983.42	983.04	983.17
50	--	--	983.7	984.08	983.60	983.38	983.24	982.85	982.80

(See Notes on Page 6)

APPENDIX I
TABLE I-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1979 – 1980
(Data presented in feet above mean sea level)

Well No.	Aug. 1979	Sept. 1979	Oct. 1979	Apr. 1980	May 1980	June 1980	July 1980	Sept. 1980	Nov. 1980
51	--	--	983.4	* *	983.27	982.99	982.95	982.66	982.62
52	--	--	983.2	983.63	983.10	982.80	982.69	982.31	982.35
53	--	--	983.4	983.76	983.00	982.39	982.17	981.61	981.62
54	--	--	981.2	982.27	980.90	979.07	979.44	980.05	978.34
55	--	--	979.3	981.77	979.39	978.00	977.45	975.15	975.87
56	--	--	979.1	980.67	979.22	977.66	977.23	975.83	975.74
57	--	--	980.9	982.43	980.71	979.49	979.06	977.72	977.74
58	--	--	983.1	983.92	982.88	982.14	981.93	981.41	982.06
59	--	--	987.2	--	--	--	975.60	973.76	974.06
60	--	--	974.2	* *	974.28	974.13	973.87	973.31	972.86
61	--	--	970.3	970.79	--	968.28	--	--	967.74
62	--	--	970.4	972.06	--	--	--	--	* *
63	--	--	970.1	971.78	--	969.31	--	--	969.11
64	--	--	973.2	975.85	--	--	--	--	* *
65	--	--	975.0	977.60	975.09	974.10	973.67	--	972.30
66	--	--	969.1	970.96	--	969.73	--	--	967.05
67	--	--	970.7	972.86	--	968.28	--	--	968.64
68	--	--	971.6	973.37	--	970.32	--	--	* *
69	--	--	978.3	979.94	--	977.46	--	--	976.81
70	--	--	967.3	* *	--	972.69	--	--	* *
71	--	--	973.2	974.52	--	* *	--	--	981.56
72	--	--	983.1	983.77	983.13	983.12	983.08	982.13	982.17
73	--	--	982.9	983.41	982.87	982.54	982.45	982.04	982.18
74	--	--	983.0	984.05	982.56	982.15	981.63	981.46	981.56
75	--	--	984.1	984.04	983.54	983.13	982.97	983.07	982.72

(See Notes on Page 6)

APPENDIX I
TABLE I-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1979 – 1980
(Data presented in feet above mean sea level)

Well No.	Aug. 1979	Sept. 1979	Oct. 1979	Apr. 1980	May 1980	June 1980	July 1980	Sept. 1980	Nov. 1980
76	--	--	983.4	983.89	983.52	983.24	983.09	982.64	982.89
77	--	--	--	--	--	974.44	--	--	972.82
78	--	--	--	--	--	981.17	--	--	979.96
79	--	--	--	--	--	977.04	--	--	* *
80	--	--	--	--	--	972.74	--	--	972.26
81	--	--	--	977.12	976.00	975.64	--	--	975.37
82	--	--	--	969.36	--	967.41	--	--	966.91
83	--	--	--	965.83	--	964.03	--	--	963.19
84	--	--	--	965.92	--	--	--	--	* *
85	--	--	--	964.15	--	961.61	--	--	961.46
86	--	--	--	976.28	--	973.97	--	--	973.82
87	--	--	--	975.91	--	972.65	--	--	971.96
88	--	--	--	974.91	--	973.53	--	--	972.02
89	--	--	--	982.08	--	979.68	--	--	979.65
90	--	--	--	971.44	--	970.20	--	--	* *
91	--	--	--	973.20	--	970.59	--	--	* *
92	--	--	--	963.33	--	961.09	--	--	961.12
93	--	--	--	978.16	976.68	976.34	--	--	976.13
94	--	--	--	976.83	976.28	976.11	975.92	975.03	974.48
95	--	--	--	972.97	--	969.98	--	--	969.39
96	--	--	--	973.38	--	971.07	--	--	971.03
97	--	--	--	* *	983.35	982.85	--	--	* *
98	--	--	--	978.75	--	974.90	--	--	975.92
99	--	--	--	--	--	--	--	--	--
100	--	--	--	984.23	983.55	983.10	982.99	982.49	982.93

(See Notes on Page 6)

APPENDIX I
TABLE I–1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1979 – 1980
(Data presented in feet above mean sea level)

Well No.	Aug. 1979	Sept. 1979	Oct. 1979	Apr. 1980	May 1980	June 1980	July 1980	Sept. 1980	Nov. 1980
101	--	--	--	975.83	975.86	**	965.27	975.61	975.65
102	--	--	--	975.22	975.33	**	**	**	**
103	--	--	--	984.90	984.48	984.39	983.91	983.57	983.36
105	--	--	--	983.04	982.74	982.98	982.86	982.81	982.55
106	--	--	--	984.39	983.93	984.03	984.00	983.88	983.01
107	--	--	--	986.45	985.53	985.44	985.39	985.17	984.71
108	--	--	--	**	983.33	983.14	982.99	982.57	982.69
108A	--	--	--	986.69	986.56	986.59	986.58	986.40	986.34
109	--	--	--	983.05	982.79	982.52	982.53	982.07	982.17
109A	--	--	--	985.88	985.83	984.80	985.71	985.79	985.69
110	--	--	--	983.17	982.92	982.70	982.59	982.16	982.34
111	--	--	--	983.20	981.84	983.52	982.78	982.06	982.32
112	--	--	--	983.13	982.68	982.43	982.39	981.90	982.15
113	--	--	--	983.43	983.13	982.76	982.09	982.65	982.37
114	--	--	--	982.73	982.65	982.62	982.75	982.24	982.43
115	--	--	--	979.75	--	978.12	--	--	977.72
116	--	--	--	980.34	--	979.76	--	--	979.96
117	--	--	--	980.45	--	977.90	--	--	978.70
118	--	--	--	986.67	986.37	986.14	986.21	985.61	985.56
119	--	--	--	985.09	985.20	984.92	**	**	**
120	--	--	--	985.15	985.00	984.49	984.55	984.00	983.85
121	--	--	--	985.55	985.15	984.80	984.71	985.46	984.09
122	--	--	--	985.81	986.68	986.54	**	986.24	985.27
123	--	--	--	986.66	986.46	986.28	986.30	985.77	985.75
124	--	--	--	986.06	985.78	985.53	985.48	985.09	984.95

(See Notes on Page 6)

APPENDIX I
TABLE I-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1979 – 1980
(Data presented in feet above mean sea level)

Well No.	Aug. 1979	Sept. 1979	Oct. 1979	Apr. 1980	May 1980	June 1980	July 1980	Sept. 1980	Nov. 1980
125	--	--	--	982.06	--	978.62	--	--	978.86
126	--	--	--	984.15	982.03	980.56	980.02	--	--
127	--	--	--	984.23	983.79	983.48	983.38	983.00	982.98
128	--	--	--	984.19	983.70	983.43	983.36	982.95	982.84
129	--	--	--	983.92	983.42	983.12	982.98	982.62	* *
130	--	--	--	--	984.36	984.07	984.00	* *	* *
131	--	--	--	--	985.59	985.43	985.38	985.03	* *
132	--	--	--	* *	984.83	984.74	984.71	984.30	984.16
133	--	--	--	981.32	--	977.45	--	--	974.66
134	--	--	--	979.19	--	975.86	--	--	972.06
135	--	--	--	979.76	--	974.44	--	--	972.68
137	--	--	--	969.15	--	964.48	--	--	963.99
138	--	--	--	968.30	--	967.33	--	--	966.78
139	--	--	--	967.58	--	962.91	--	--	963.06
140	--	--	--	--	--	--	--	--	979.58
141	--	--	--	--	--	--	--	--	978.75

Notes:
1. Elevations are based on the GE facility datum used prior to April 1988.
   This datum is approximately 11.3 feet lower then the current USGS datum being used since April 1988.
2. -- = No reading.
3. * = Well destroyed.
4. ** = Unable to monitor

APPENDIX I
TABLE I–2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1981–1982
(Data presented in feet above mean sea level)

Well No.	April 1981	June 1981	August 1981	November 1981	April 1982	July 1982	October 1982
1	973.47	973.17	--	972.2	--	--	--
2	962.33	961.82	--	961.7	--	--	--
5	963.13	962.84	962.25	962.1	--	--	--
6	986.61	986.94	986.85	987.0	987.5	987.2	986.5
8	987.64	987.15	987.27	987.4	988.7	987.8	987.2
9	995.30	995.68	--	995.6	--	--	--
10	990.61	990.76	990.72	990.8	--	--	--
11	996.20	996.90	996.15	996.3	--	--	--
25	984.02	983.86	983.46	983.7	985.2	984.1	983.4
27	978.92	977.72	976.7	977.2	980.3	978.8	976.1
29	984.40	984.42	983.94	984.1	986.3	984.8	983.5
30	983.41	983.01	982.91	983.0	984.0	983.3	982.4
31	978.72	977.81	976.95	977.0	980.2	979.0	976.3
32	980.58	979.64	978.54	978.9	982.7	980.8	977.7
33	981.42	980.87	979.92	980.0	983.5	--	979.2
34	983.11	983.42	982.31	983.1	984.4	983.3	982.3
35	983.81	983.75	983.19	983.4	984.9	983.8	982.8
36	966.90	--	965.87	--	--	--	966.2
37	--	--	--	--	--	--	966.5
38	961.90	961.45	960.99	961.2	--	--	--
39	963.77	963.47	962.76	963.0	--	--	--
40	968.72	968.37	967.82	968.2	--	--	--
41	--	--	--	970.0	--	--	--
42	972.32	971.22	969.02	971.1	--	--	--
43	--	973.33	970.56	973.4	--	--	--
44	962.13	--	961.07	--	--	--	--
45	983.87	983.66	983.16	983.4	984.8	983.8	982.8
46	983.05	982.81	982.11	982.6	982.7	982.7	982.1
47	982.97	982.64	982.26	982.6	983.6	982.8	982.1

(See notes on page 5)

APPENDIX I
TABLE I-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1981-1982
(Data presented in feet above mean sea level)

Well No.	April 1981	June 1981	August 1981	November 1981	April 1982	July 1982	October 1982
48	983.24	982.83	982.42	982.8	--	983.0	982.2
49	983.86	983.62	983.25	983.6	984.9	983.9	982.9
50	983.65	983.39	983.05	983.3	984.5	983.6	982.7
51	983.49	983.10	982.78	983.2	984.3	983.4	982.5
52	983.23	982.89	982.52	982.8	984.0	983.2	982.2
53	983.14	982.54	982.05	982.9	983.3	982.8	981.5
54	981.81	*	*	*	*	*	*
55	977.23	978.19	976.70	978.0	--	979.1	975.7
56	979.28	977.96	976.46	977.2	--	--	975.5
57	981.03	979.82	978.36	979.5	982.7	980.4	*
58	983.07	982.28	*	*	*	*	*
59	976.40	975.69	974.82	974.6	976.8	--	--
60	973.95	974.01	973.44	973.2	975.2	974.4	972.85
61	968.41	968.50	967.62	968.5	--	--	--
62	--	--	--	--	--	--	--
63	969.85	969.55	696.29	969.8	--	--	--
64	--	--	--	--	--	--	--
65	975.18	973.96	972.95	973.4	--	--	--
66	969.82	968.71	967.58	968.8	--	--	--
67	970.84	969.76	969.01	969.8	--	--	--
68	--	970.47	--	--	--	--	--
69	979.10	977.52	975.99	978.8	--	--	--
70	--	--	--	--	--	--	--
71	974.10	--	--	--	--	--	--
72	983.01	982.74	982.24	982.6	984.3	983.0	982.02
73	982.93	982.60	982.29	982.7	983.8	982.8	982.08
74	983.27	982.36	981.78	982.5	983.9	982.6	981.37
75	983.48	983.21	982.77	983.1	984.6	983.4	982.46

(See notes on page 5)

APPENDIX I
TABLE I-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1981-1982
(Data presented in feet above mean sea level)

Well No.	April 1981	June 1981	August 1981	November 1981	April 1982	July 1982	October 1982
76	983.64	983.29	982.99	983.3	--	983.6	982.64
77	974.17	973.99	972.72	973.0	--	--	--
78	983.27	982.75	982.23	982.6	983.5	982.6	982.04
79	978.50	--	--	977.8	--	--	--
80	973.61	972.72	972.59	973.1	--	--	--
81	976.49	975.95	975.94	975.9	--	--	--
82	967.85	967.29	967.09	--	--	--	--
83	964.59	964.23	963.59	963.9	--	--	--
84	--	--	--	--	--	--	--
85	962.37	961.45	961.20	961.6	--	--	--
86	976.30	973.99	972.63	974.5	--	--	--
87	974.79	973.98	971.24	972.8	--	--	--
88	974.45	973.86	--	--	--	--	--
89	980.79	979.63	978.65	980.6	--	--	979.6
90	--	--	970.29	970.6	--	--	--
91	971.03	970.83	970.06	970.7	--	--	--
92	961.67	961.12	960.80	961.2	--	--	--
93	977.15	977.87	976.58	976.5	--	--	--
94	976.30	976.14	975.43	975.3	977.0	976.5	974.75
95	972.40	969.97	967.91	970.4	--	--	--
96	972.83	971.21	970.02	--	--	--	--
97	983.80	983.02	982.29	983.1	984.5	983.2	982.43
98	977.40	--	--	--	--	--	--
100	983.62	983.37	982.65	983.2	985.1	983.8	982.8
101	975.50	975.59	975.36	976.1	--	--	--
102	--	--	--	--	--	--	--
103	984.14	984.01	983.60	983.6	--	--	983.11
105	982.99	982.88	982.82	983.1	983.1	983.1	982.73
106	983.15	983.17	982.87	983.0	984.7	983.5	982.66

(See notes on page 5)

APPENDIX I
TABLE I-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1981 - 1982
(Data presented in feet above mean sea level)

Well No.	April 1981	June 1981	August 1981	November 1981	April 1982	July 1982	October 1982
107	985.01	985.07	984.85	984.9	985.7	985.2	984.59
108	983.56	983.33	982.94	983.2	--	--	--
108A	986.44	986.46	986.33	986.4	986.9	986.7	986.1
109	982.98	982.65	982.31	982.7	985.5	*	*
109A	985.65	985.66	985.63	985.7	986.0	985.9	985.63
110	983.23	982.81	982.43	982.8	984.1	*	*
111	983.03	982.79	982.32	982.7	983.8	*	*
112	983.04	982.56	982.22	982.6	983.6	982.6	982.4
113	983.29	983.13	982.36	982.7	984.1	*	*
114	983.09	982.82	982.62	982.7	--	983.0	982.3
115	978.86	978.45	977.50	978.7	--	--	--
116	979.32	979.34	978.94	979.3	--	--	--
117	979.36	977.59	975.48	979.1	--	--	--
118	986.18	985.96	985.87	986.4	986.9	986.4	--
119	--	--	984.59	--	986.0	--	--
120	--	984.48	984.14	984.3	985.6	984.8	--
121	984.89	984.80	984.40	984.5	986.5	--	--
122	986.55	986.51	986.39	--	987.1	986.7	--
123	986.29	986.27	986.04	986.2	987.0	986.5	--
124	985.65	985.56	985.24	985.3	986.6	--	--
125	980.98	979.33	977.63	980.3	--	--	--
126	982.71	981.20	979.75	981.7	--	--	--
127	983.84	984.55	983.16	983.4	984.7	983.8	982.85
128	983.75	983.46	983.13	983.4	984.7	--	982.85
129	983.53	983.12	982.83	983.1	984.2	--	--
133	979.54	977.68	975.19	977.7	--	--	--

(See notes on page 5)

APPENDIX I
TABLE I-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1981-1982
(Data presented in feet above mean sea level)

Well No.	April 1981	June 1981	August 1981	November 1981	April 1982	July 1982	October 1982
134	978.78	975.97	971.91	974.9	--	--	--
135	977.36	975.12	973.21	974.4	--	--	--
137	965.66	964.54	963.96	965.1	--	--	--
138	968.99	967.58	966.61	968.2	--	--	--
139	964.34	963.32	962.69	963.6	--	--	--
140	980.85	980.40	979.74	980.8	982.5	981.3	979.82
141	979.57	978.92	977.39	980.4	981.0	980.8	976.45

Notes:
-- = No reading
* = Well destroyed

APPENDIX I
TABLE I–3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1983 – 1989
(Data presented in feet above mean sea level)

Well No.	May 1983	Oct. 1983	Apr. 1984	Oct. 1984	Apr. 1985	Nov. 1985	Apr. 1986	Oct. 1986	Apr. 1987	Oct. 1987	Apr. 1988	Sept 1988	Apr. 1989	Oct. 1989
6	--	986.9	987.8	985.8	988.1	987.1	987.2	987.0	987.1	987.5	987.3	998.18	998.81	998.35
8	989.1	987.8	988.9	987.3	987.6	987.4	988.2	987.1	987.9	988.2	987.9	998.43	1,000.11	998.98
9	982.2	--	--	--	995.5	995.5	995.6	995.5	996.1	996.9	996.8	*	*	*
10	977.0	--	--	--	990.1	990.2	990.0	dry	990.1	990.2	990.1	1,002.70	--	--
11	983.0	--	--	--	996.7	997.9	997.7	**	**	**	**	1,008.95	1,009.57	1,009.42
25	984.9	983.4	985.2	983.7	984.4	984.0	984.5	984.1	984.3	983.8	984.1	994.60	995.36	994.84
27	980.5	--	980.8	979.4	--	--	--	--	--	--	--	--	--	--
29	985.4	983.9	986.0	984.0	984.8	983.2	*	*	*	*	*	*	*	*
30	984.2	982.7	984.5	983.9	984.1	983.9	984.0	983.7	984.0	983.7	983.5	993.90	994.57	994.32
31	980.8	976.4	980.9	978.4	979.7	979.8	979.7	980.1	981.8	980.0	980.2	990.18	992.11	990.42
32	982.5	978.4	982.6	979.5	981.2	980.9	981.7	980.9	982.0	981.4	981.7	991.49	993.63	991.98
33	983.6	980.0	983.4	980.7	982.1	981.4	982.6	982.0	983.3	982.1	982.4	992.60	994.10	993.02
34	984.3	982.7	984.4	982.7	984.6	983.1	983.7	983.0	983.5	983.1	993.3	993.86	994.80	994.17
35	984.5	983.2	985.0	983.4	984.0	983.7	984.1	983.6	983.8	983.4	983.7	994.21	994.97	994.51
36	968.4	966.6	967.7	966.4	966.9	966.7	967.1	966.5	967.3	966.9	967.1	977.71	978.45	977.81
37	968.6	966.6	968.3	966.5	967.3	967.5	967.4	966.6	967.8	967.2	967.4	978.11	978.87	977.88
45	984.5	983.2	984.9	983.4	984.0	983.7	984.1	983.7	983.7	983.2	983.8	994.11	994.75	994.46
46	982.7	981.9	982.7	982.7	982.7	982.7	982.6	982.6	982.6	982.3	982.7	993.20	993.89	993.56
47	983.6	982.3	983.7	982.7	983.0	983.0	983.2	983.0	983.0	982.3	982.9	993.07	993.96	993.77
48	984.0	--	984.0	--	983.3	983.3	983.5	983.2	983.3	982.6	983.0	993.36	994.12	993.79
49	984.6	--	984.9	983.5	984.6	983.8	984.2	983.7	984.0	983.4	983.8	994.28	994.88	994.53
50	984.4	982.9	984.6	983.4	983.8	983.7	984.1	983.7	983.9	983.5	***	***	--	--
51	984.2	982.7	984.5	983.2	983.7	983.7	983.7	983.5	985.0	983.2	***	***	--	--
52	984.0	982.6	984.3	983.1	983.5	983.4	983.7	983.4	983.6	983.1	983.3	993.72	994.44	994.14
53	983.7	982.1	983.8	983.2	983.5	983.7	983.5	983.2	983.4	983.2	983.0	993.72	986.22	993.87
55	981.2	--	980.8	977.2	--	--	*	*	*	*	*	*	*	*

(See Notes on Page 3)

APPENDIX I
TABLE I-3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1983 – 1989
(Data presented in feet above mean sea level)

Well No.	May 1983	Oct. 1983	Apr. 1984	Oct. 1984	Apr. 1985	Nov. 1985	Apr. 1986	Oct. 1986	Apr. 1987	Oct. 1987	Apr. 1988	Sept. 1988	Apr. 1989	Oct. 1989
56	981.6	--	981.1	976.9	979.2	977.7	980.2	978.0	980.2	980.2	979.6	989.19	991.78	990.22
57	--	--	982.1	979.2	980.9	980.0	981.6	979.8	981.0	981.0	981.1	991.17	993.14	991.89
60	975.7	973.0	978.2	973.4	974.4	973.4	974.6	974.0	975.0	973.5	974.7	984.30	986.31	985.28
72	984.0	982.2	984.2	982.4	983.2	983.0	983.7	983.1	983.5	983.2	983.3	993.92	994.82	994.24
73	983.6	982.4	983.6	982.9	983.1	983.1	983.4	983.1	983.2	983.2	--	993.20	994.14	993.62
74	983.9	981.9	983.7	982.6	983.2	983.0	983.4	982.9	983.2	982.7	983.0	993.31	994.60	994.22
75	984.3	982.9	984.6	983.0	983.7	983.3	983.8	983.1	983.6	983.2	983.4	994.08	994.90	--
76	984.3	983.0	984.4	983.1	983.6	983.4	983.7	983.4	982.4	982.3	983.3	993.12	993.72	993.72
77	--	973.5	--	--	974.6	973.5	975.7	974.2	976.8	974.4	976.0	--	986.44	986.18
78	983.8	982.3	983.6	982.2	982.7	982.9	983.4	982.8	982.9	982.8	982.7	993.42	994.69	994.53
79	980.0	--	--	976.9	977.7	977.6	978.3	977.4	977.6	978.0	977.7	--	990.32	990.01
80	--	--	--	--	--	--	973.3	972.5	973.4	973.7	973.0	983.91	985.64	984.39
81	--	--	976.9	975.3	975.9	975.7	976.2	976.1	976.2	976.3	976.0	986.57	989.23	987.79
89	981.2	979.7	981.4	978.8	980.2	980.5	980.5	979.9	979.8	980.1	979.0	990.05	991.90	991.70
91	- -	970.4	--	--	--	--	--	--	--	--	--	--	--	--
94	977.3	976.1	978.5	976.7	977.3	975.9	976.4	976.2	976.9	976.6	--	--	--	--
97	984.3	--	984.3	982.7	983.5	983.3	983.8	983.1	983.4	--	983.3	993.86	995.29	--
100	984.9	983.2	985.0	983.4	984.1	983.7	984.3	983.7	984.0	983.6	983.8	994.45	995.35	994.81
103	984.9	983.5	985.6	983.9	984.4	984.4	984.7	984.5	985.2	984.5	984.9	994.95	996.26	995.37
105	984.2	980.9	984.3	985.4	983.2	985.0	983.7	985.1	984.1	984.2	984.2	995.13	995.24	994.63
106	985.0	982.9	984.4	984.3	983.2	985.9	983.4	985.3	984.0	983.7	983.9	994.47	995.61	994.51
107	985.7	980.9	986.2	985.3	985.1	985.6	985.1	985.7	985.5	985.3	985.3	996.19	996.76	996.31
108	984.5	983.2	984.8	983.4	983.9	983.7	984.3	*	*	*	*	*	*	*
108A	986.6	986.4	985.8	986.3	986.4	986.4	988.1	986.4	986.4	986.5	986.6	997.65	997.85	997.76
109A	985.7	985.5	985.8	985.7	985.7	985.8	984.0	985.8	985.9	985.8	985.8	997.00	997.29	997.16
112	983.8	--	983.7	982.4	983.2	982.8	983.0	*	*	*	*	*	*	*

(See Notes on Page 3)

APPENDIX I
TABLE I–3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1983 – 1989
(Data presented in feet above mean sea level)

Well No.	May 1983	Oct. 1983	Apr. 1984	Oct. 1984	Apr. 1985	Nov. 1985	Apr. 1986	Oct. 1986	Apr. 1987	Oct. 1987	Apr. 1988	Sept. 1988	Apr. 1989	Oct. 1989
114	984.1	982.6	984.1	982.8	983.2	983.2	983.3	982.9	*	*	*	*	*	* *
117	--	--	--	--	--	--	979.5	*	*	*	*	*	*	* *
118	--	--	--	985.7	986.3	986.3	986.5	986.0	986.4	986.5	986.6	997.14	997.92	997.36
119	--	--	--	984.6	985.3	985.1	985.6	985.0	985.3	985.0	985.3	994.70	996.52	995.90
120	--	--	--	984.2	984.9	984.6	985.1	984.6	984.9	984.5	984.8	995.27	995.98	995.54
122	986.9	--	--	--	--	--	--	--	--	--	--	--	--	--
125	--	--	--	--	--	--	--	980.3	980.7	978.8	980.8	--	992.54	992.39
126	--	--	--	--	--	--	982.1	981.1	982.5	981.8	982.3	991.83	994.37	992.73
127	984.6	983.2	985.0	983.5	984.1	983.9	984.2	983.8	984.1	983.6	983.9	994.26	995.02	994.64
128	984.6	982.8	984.8	983.5	984.0	983.9	984.1	983.8	984.1	983.7	983.9	994.21	994.98	994.61
129	--	982.8	984.5	983.3	983.8	983.7	983.9	983.6	983.9	983.2	983.6	993.93	994.64	994.31
130	--	--	--	984.2	984.6	984.5	984.7	984.4	984.7	984.3	983.4	994.85	995.51	--
131	--	--	--	985.3	985.8	985.5	984.4	985.5	985.9	985.5	985.7	996.30	996.81	996.39
132	--	--	--	984.7	985.1	985.1	986.8	984.9	--	--	--	--	--	--
140	983.0	980.3	983.0	982.5	982.4	983.9	982.2	983.8	983.0	982.2	982.6	992.48	994.08	992.46
141	981.6	977.0	981.6	977.9	980.0	980.4	980.1	982.1	980.2	980.5	980.1	990.68	992.72	990.37
CAISSONS														
Northside	--	--	--	--	--	--	968.1	975.6	970.5	972.5	968.0	979.00	979.18	979.01
Southside	--	--	--	--	--	--	--	--	973.0	973.1	981.8	988.33	991.67	992.81

Notes:
1. Elevations presented for May 1983 through April 1988 are based a GE facility datum which was approximately 11.3 feet lower than current USGS datum which has been used since April 1988.
2. -- = No reading.
3. * = Well destroyed.
4. ** = Stickup broken.
5. *** = Obstruction in well.

APPENDIX I
TABLE I-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1990 – 1994
(Data presented in feet above mean sea level)

Well No.	April 1990	October 1990	April 1991	October 1991	April 1992	October 1992	April 1993	October 1993	April 1994
6	998.49	998.70	998.48	998.52	998.37	998.07	999.16	998.58	999.24
8	999.85	999.42	999.21	999.81	999.06	998.08	1000.28	999.09	999.87
10	1011.87	--	--	--	--	--	--	--	--
25	995.70	995.78	995.64	995.58	995.38	994.38	995.92	994.66	995.94
30	995.21	995.08	995.21	994.90	994.73	993.70	995.13	994.01	995.03
31	992.34	991.86	991.48	991.28	990.86	989.07	992.76	990.65	992.43
32	993.77	993.38	993.01	993.86	992.44	990.60	994.00	992.01	993.67
33	994.42	994.15	993.71	993.90	993.08	991.71	994.52	992.56	994.15
34	994.93	994.85	994.68	994.74	994.55	993.54	994.96	993.73	994.75
35	995.90	995.36	995.20	995.26	994.98	993.98	995.26	994.22	995.17
36	978.57	978.51	978.04	978.20	978.22	977.59	978.72	977.68	978.90
37	978.96	978.77	978.93	979.94	978.66	979.10	--	--	--
45	995.44	995.46	995.32	995.33	995.07	993.89	995.24	993.23	995.17
46	993.98	994.03	994.04	994.14	994.19	992.81	994.98	992.99	993.97
47	994.83	994.78	994.73	994.82	994.41	993.06	994.60	993.21	994.23
48	995.08	995.01	994.95	995.05	994.62	993.30	994.98	992.55	994.41
49	995.56	995.57	995.43	995.38	995.15	994.08	995.54	994.32	994.42
52	995.18	995.12	995.08	995.06	994.75	993.60	995.12	994.09	994.98
53	994.59	994.37	994.37	994.38	994.20	993.25	994.58	993.63	994.48
56	992.20	991.52	990.75	990.94	990.64	988.18	992.52	989.27	991.97
57	993.28	992.73	992.20	992.64	992.35	990.34	993.57	991.45	993.02
60	986.45	986.40	985.70	985.18	985.64	985.04	--	--	--
72	994.88	994.89	994.68	994.77	994.41	993.52	994.98	993.83	994.64
73	994.85	--	--	--	--	--	--	--	--
74	994.91	994.56	994.84	994.91	997.49	993.30	995.32	993.84	994.67
75	994.94	995.00	994.85	994.95	994.63	993.73	995.11	994.05	994.93
76	995.17	995.23	994.89	995.12	994.77	993.01	994.01	992.47	993.88
77	988.42	987.13	985.73[a]	984.08[a]	984.62[a]	982.83	986.88[a]	983.37	986.64[a]
78	994.83	994.56	994.78	993.78	994.29	993.25	995.04	994.02	994.48
79	990.51	989.66	989.81	990.61	989.81	988.47	990.67[a]	989.49	989.70
80	985.55	985.36	984.62[a]	985.65[a]	984.10[a]	983.60[a]	986.00[a]	984.87[a]	985.23[a]
81	988.03	987.78	--	--	--	--	--	--	--

(See Notes on Page 2)

APPENDIX I
TABLE I–4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

WATER TABLE ELEVATIONS 1990 – 1994
(Data presented in feet above mean sea level)

Well No.	April 1990	October 1990	April 1991	October 1991	April 1992	October 1992	April 1993	October 1993	April 1994
89	992.52	991.80	992.46	992.25	992.06	990.85	992.70	991.63	992.17
97	995.43	995.12	995.16	995.50	994.80	993.80	995.66	994.41	995.23
100	995.52	995.49	995.37	995.45	995.14	994.23	995.79	994.83	--
103	995.96	996.26	995.93	996.15	995.60	994.59	996.62	995.32	996.31
105	995.66	995.74	995.27	995.76	995.51	995.03	996.59	995.01	996.07
106	995.96	996.16	995.20	996.26	996.05	994.99	997.32	995.85	996.97
107	998.89	997.04	996.52	996.66	996.54	996.08	998.74	994.35	998.10
108A	997.79	997.96	997.89	997.90	997.89	997.64	998.29	998.05	998.44
109A	997.21	997.23	997.19	997.25	997.15	997.01	997.40	997.08	997.32
118	997.77	998.04	997.80	997.85	997.55	996.93	998.39	996.55	998.38
119	996.71	996.71	996.59	996.52	996.30	995.51	997.17	995.80	997.32
120	996.32	996.37	996.20	996.23	995.90	995.11	996.62	995.39	996.74
125	992.96	992.50	993.22[a]	992.99[a]	992.86[a]	991.11	992.95[a]	990.89	992.31
126	994.53	994.19	993.66	994.26	993.96	991.67	--	--	--
127	995.63	995.59	995.54	995.42	995.23	994.14	995.66	994.36	995.59
128	995.61	995.58	995.50	995.44	995.23	994.08	995.62	994.28	995.54
129	995.37	995.32	995.26	995.19	994.94	993.78	--	--	--
130	996.09	996.11	996.04	995.97	995.76	994.74	996.17	995.21	996.13
131	997.25	997.24	997.10	997.11	996.88	996.15	997.58	--	998.20
140	994.37	994.40	993.25	994.09	993.38	992.06	993.83[a]	991.67	994.31
141	993.22	991.23	990.72	991.28	992.08	988.91	992.39[a]	990.03	992.21
ES1–1	--	--	1009.01[a]	1009.41[a]	1008.87[a]	1008.39[a]	1009.79[a]	1008.81[a]	1008.97[a]
ES1–4	--	--	1008.11	1008.11	1007.76	1007.71	1008.08	1007.78	1007.59
Caissons									
Northside	979.78	982.39	979.70	983.54	979.69	979.95	979.71	977.64	979.71
Southside	994.84	994.89	994.79	994.87	994.59[3]	987.96	987.29	985.07	987.32

Notes:
1. Elevations are based on USGS datum used since April 1988.
2. -- = No reading.
3. * = Well destroyed.
4. ** = Oil in well, bailer does not fit in the well.
5. *** = Obstruction in well.
6. **** = These wells were sampled for oil by General Electric and USEPA, therefore, the oil thickness in these wells could not be accurately measured during the October 1993 monitoring program.
7. a – Indicates water level elevation is above the elevation of the top of the well screen.

APPENDIX I
TABLE I–5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

OIL THICKNESS DATA 1979 – 1980
(Data presented in feet)

Well No.	Aug. 1979	Sept. 1979	Sept. 1979	Sept. 1979	Sept. 1979	Oct. 1979	Oct. 1979	Oct. 1979	Oct. 1979	May 1980	June 1980	July 1980	Sept. 1980	Nov. 1980
3	0.02	0.01	--	--	0.01	--	0	--	--	--	--	--	--	--
6	0.01	0.01	--	--	trace	--	--	--	0	trace	trace	trace	0	0
8	--	--	--	--	--	--	--	--	0	trace	trace	trace	0	0
14	--	--	0	--	trace?	--	0	trace	--	--	--	--	--	--
15	--	--	0–trace	--	trace?	--	0.02	0.06	--	--	--	--	--	--
16	--	--	0.01	trace	trace?	--	--	trace	--	--	--	--	--	--
17	--	--	0.01	0.01	0.01	.15	0.08	0.08	--	--	--	--	--	--
18	--	--	0	trace	0	trace?	0	trace	--	--	--	--	--	--
19	--	--	--	0.02	0.01	--	0	0.02	--	--	--	--	--	--
21	--	--	--	0	0	0.02	trace	0.02	--	--	--	--	--	--
22	--	--	--	0.06	0.02	--	0.13	0.31	--	--	--	--	--	--
24	--	--	--	0–trace	0.01	--	0.83	0.42	--	--	--	--	--	--
25	--	--	--	0.01	0.06	0.83	0.83	0.37	0.38	0.01	0.02	trace	0.01	trace
26	--	--	--	--	0	--	0.12	0.08	--	--	--	--	--	--
27	--	--	--	--	0.01	0.04	0.04	0.83	0.02	trace	trace	trace	trace	0
28	--	--	--	--	0.01	0.83	0.83	0.005	>0.8	trace	trace	trace	dry	trace
29	--	--	--	--	0.02	0.01	0.01	trace	0.001	trace	trace	trace	trace	0
30	--	--	--	--	--	--	--	--	0	trace	trace	trace	0.4	>3
31	--	--	--	--	--	--	--	--	0	trace	trace	trace	0	0
32	--	--	--	--	--	--	--	--	0	trace	trace	trace	0	0
33	--	--	--	--	--	--	--	--	0	trace	trace	trace	0	trace
34	--	--	--	--	--	--	--	--	0	trace	trace	trace	trace	trace
35	--	--	--	--	--	0	0.01	0.01	0.01	* *	trace	trace	trace	trace
45	--	--	--	--	--	--	--	0.005	0.01	1.1	0.5	0.21	>0.8	>0.6
46	--	--	--	--	--	--	0.02	0.02	0.02	trace	trace	trace	trace	
47	--	--	--	--	--	--	--	--	0	trace	trace	trace	trace	trace
48	--	--	--	--	--	--	--	0.83	>0.8	1.5	0.58	1.2	>0.8	>0.8
49	--	--	--	--	--	--	--	0.01	0.01	trace	trace	trace	0.01	2.3
50	--	--	--	--	--	--	--	0.31	0.31	0.01	0.5	0.04	0.04	trace

(See Notes on Page 3)

APPENDIX I
TABLE I–5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

OIL THICKNESS DATA 1979 – 1980
(Data presented in feet)

Well No.	Aug. 1979	Sept. 1979	Sept. 1979	Sept. 1979	Sept. 1979	Oct. 1979	Oct. 1979	Oct. 1979	Oct. 1979	May 1980	June 1980	July 1980	Sept. 1980	Nov. 1980
51	--	--	--	--	--	--	--	0.01	0.01	trace	trace	trace	0.1	0.4
52	--	--	--	--	--	--	--	0.008	0.01	trace	trace	trace	trace	trace
53	--	--	--	--	--	--	--	trace	trace	trace	0.01	trace	trace	trace
54	--	--	--	--	--	--	--	--	0	trace	trace	trace	trace	0
55	--	--	--	--	--	--	--	--	0	0	0	0	0	0
56	--	--	--	--	--	--	--	--	0	trace	trace	0	0	0
57	--	--	--	--	--	--	--	--	0	trace	trace	0	0	0
58	--	--	--	--	--	--	--	--	0	trace	trace	0	0	0
59	--	--	--	--	--	--	--	--	0	**	**	0.1	0.6	0.5
60	--	--	--	--	--	--	--	--	0	0	0	trace	0	trace
65	--	--	--	--	--	--	--	--	0	0	0	0	0	0
72	--	--	--	--	--	--	--	trace	trace	trace	trace	trace	trace	0
73	--	--	--	--	--	--	--	--	0	trace	trace	trace	0	0
74	--	--	--	--	--	--	--	--	trace	trace	trace	0	0	0
75	--	--	--	--	--	--	--	0.01	0.01	0.01	trace	trace	trace	--
76	--	--	--	--	--	--	--	trace	trace	0.08	1.1	>0.8	0.01	>0.8
81	--	--	--	--	--	--	--	--	0	0	0			
86	--	--	--	--	--	0.01	0	--	--	--	--	--	--	--
93	--	--	--	--	--	--	--	--	0	0	0			
94	--	--	--	--	--	--	--	--	0	trace	trace	trace	0	0
100	--	--	--	--	--	--	--	--	--	trace	trace	trace	trace	trace
103	--	--	--	--	--	--	--	--	--	**	0.08	trace	trace	trace
105	--	--	--	--	--	--	--	--	--	*	>2	>0.8	>0.8	trace
106	--	--	--	--	--	--	--	--	--	>2	>2	>0.8	>0.8	0.17
107	--	--	--	--	--	--	--	--	--	>3	>3	>0.8	>0.8	trace

(See Note on Page 3)

APPENDIX I
TABLE I-5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

OIL THICKNESS DATA 1979 – 1980
(Data presented in feet)

Well No.	Aug. 1979	Sept. 1979	Sept. 1979	Sept. 1979	Sept. 1979	Oct. 1979	Oct. 1979	Oct. 1979	Oct. 1979	May 1980	June 1980	July 1980	Sept. 1980	Nov. 1980
108	--	--	--	--	--	--	--	--	--	trace	trace	trace	0	0
108A	--	--	--	--	--	--	--	--	--	trace	trace	0	0	0
109	--	--	--	--	--	--	--	--	--	trace	trace	trace	trace	trace
109a	--	--	--	--	--	--	--	--	--	trace	trace	0	0	0
110	--	--	--	--	--	--	--	--	--	trace	trace	trace	0	0
111	--	--	--	--	--	--	--	--	--	trace	trace	trace	0	0
112	--	--	--	--	--	--	--	--	--	trace	trace	trace	0	0
113	--	--	--	--	--	--	--	--	--	trace	0	trace	0	0
114	--	--	--	--	--	--	--	--	--	trace	>1	>0.8	>0.8	>0.8
118	--	--	--	--	--	--	--	--	--	trace	trace	trace	0	0
119	--	--	--	--	--	--	--	--	--	trace	trace	*	*	*
120	--	--	--	--	--	--	--	--	--	trace	trace	trace	0	trace
121	--	--	--	--	--	--	--	--	--	trace	trace	trace	trace	trace
122	--	--	--	--	--	--	--	--	--	trace	trace	*	0	trace
123	--	--	--	--	--	--	--	--	--	trace	trace	trace	0	trace
124	--	--	--	--	--	--	--	--	--	trace	trace	trace	trace	trace
127	--	--	--	--	--	--	--	--	--	trace	trace	trace	trace	0
129	--	--	--	--	--	--	--	--	--	trace	trace	0	0	0
130	--	--	--	--	--	--	--	--	--	trace	trace	trace	*	*
131	--	--	--	--	--	--	--	--	--	trace	trace	trace	trace	*
132	--	--	--	--	--	--	--	--	--	trace	0	0	0	0
140	--	--	--	--	--	--	--	--	--	--	--	--	0.3	0.5
141	--	--	--	--	--	--	--	--	--	--	--	--	trace	trace

Notes:
1. X = Well destroyeed
2. -- = No reading
3. * * = Unable to monitor

APPENDIX I
TABLE I–6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA1/USEPA AREA 3

OIL THICKNESS DATA 1981 – 1982
(Data presented in feet)

Well No.	April 1981	June 1981	August 1981	November 1981	April 1982	July 1982	October 1982
6	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
25	Trace	Trace	Trace	Trace	>0.8	0.04	Trace
27	0	0	0	0	0	0.02	0
29	0	0	0	0	0	0.02	0
30	0.01	Trace	>0.8	0.01–0.8	1.2	0.08	>0.8
31	0	0	0	0	0	0	0
32	0	0	0	0	0	--	0
33	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0
35	0	0	0	0	0.8	0.02	Trace
36	0	--	--	--	--	--	0
37	0	--	--	--	--	--	0
45	0.4	>0.8	0.01	0.01–0.8	>0.8	0.01	Trace
46	Trace	Trace	Trace	Trace	0.08	0.01	Trace
47	0	0	0	0	0	0	0
48	>0.8	>0.8	>0.8	>0.8	>0.8	>0.8	>0.8
49	0.1	0.05	0.05	0.01–0.8	0.67	0.02	0.01
50	Trace	0.03	Trace	Trace	0.12	0.01	Trace
51	0.1	Trace	Trace	0.01–0.8	Trace	0	0
52	Trace	Trace	Trace	Trace	Trace	0.01	Trace
53	Trace	Trace	--	Trace	0.08	>0.8	Trace
55	0	0	0	0	0	0	0
56	0	0	0	0	--	--	0
57	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0
65	0	0	0	0	--	--	--
72	0.08	0.05	Trace	Trace	0.01	Trace	Trace
73	Trace	0	0	0	0	0	0
74	0	0	0	0	0	0	0
75	Trace	Trace	0.03	0.01–0.8	0.2	0.38	Trace
76	>0.8	>0.08	>0.08	>0.08	--	--	>0.8
78	--	--	--	--	--	--	0
81	0	0	0	0	--	--	0

(See Note on Page 2)

APPENDIX I
TABLE I-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA1/USEPA AREA 3

OIL THICKNESS DATA 1981 – 1982
(Data presented in feet)

Well No.	April 1981	June 1981	August 1981	November 1981	April 1982	July 1982	October 1982
89	--	--	--	--	--	--	0
93	0	0	0	0	--	--	--
94	0	0	0	0	0	0	0
97	--	--	--	--	--	--	0
100	>0.8	0.05	0.05	Trace	0.08	0.06	Trace
103	Trace	Trace	Trace	Trace	--	--	Trace
105	Trace	0.1	0.2	>0.8	--	--	--
106	>0.8	>0.8	0.13	>0.8	>0.8	>0.8	0.38
107	Trace	Trace	Trace	Trace	Trace	Trace	0
108	0.5	>0.8	>0.8	>0.8	>0.8	--	--
108A	Trace	Trace	Trace	Trace	Trace	Trace	0
109A	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0
114	0.2	>0.8	>0.8	>0.8	>0.8	>0.8	>0.8
118	0	0	0	0	0	0	--
119	0	0	0	0	0	--	--
120	0	0	0	0	0	0	--
121	0	Trace	Trace	Trace	Trace	--	--
122	0	0	0	0	0	0	--
123	0	0	0	0	0	0	--
124	0	Trace	Trace	Trace	0	--	--
127	0.1	Trace	Trace	0	Trace	0.02	0
128	--	--	--	--	--	--	0
129	0	0	0	0	Trace	--	--
140	0.2	0.2	>0.8	>0.8	>0.8	>0.8	>0.8
141	0	0	0	0	0	0	0

Note:
-- = No reading.

APPENDIX I
TABLE I-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

OIL THICKNESS DATA 1983 – 1989
(Data presented in feet)

Well No.	May 1983	October 1983	April 1984	October 1984	May 1985	November 1985	February 1986	April 1986	October 1986	April 1987	October 1987	April 1988	September 1988	April 1989	October 1989
6	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	--	--	0	--	0	0	0	0	0	0	0	0	0	--	--
10	--	--	0	--	0	0	0	0	dry	0	0	0	0	--	--
11	--	--	0	--	0	0	0	0	0	0	0	0	0	--	--
25	>0.8	****	0.50	0.02	0.02	trace	>0.8	trace	trace	0.20	0.13	0.06	trace	--	0.02
27	trace	--	trace	trace	--	--	--	--	--	--	--	--	--	--	--
29	0	trace	trace	0	0	0	0	*	*	*	*	*	*	*	*
30	trace	0.17	0.05	trace	trace	trace	0	0	trace	0	0	0	0	--	--
31	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
32	0	0	0	0	0	0	frozen	0	0	0	0	0	0	--	--
33	0	trace	trace	0	0	0	frozen	0	0	0	0	0	0	--	--
34	0	0	trace	0	0	0	0	0	0	0	0	0	0	>0.8	0.22
35	0.02	trace	>0.67	0.04	trace	0	0	0	trace	0.04	trace	trace	trace	--	trace
36	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
37	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
45	0.17	0.06	0.04	0.04	trace	trace	trace	trace	trace	0	trace	trace	trace	0.31	0.01
46	0.25	****	0.02	trace	trace	trace	0.02	trace	0.01	0	0.04	0.12	0.12	0.02	trace
47	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
48	>0.8	****	>0.8	>0.8	>0.8	>0.8	>0.8	>0.8	>0.8	0.21	>0.8	>0.8	>0.8	>0.8	>0.8
49	0.04	****	0.04	trace	trace	trace	0.04	trace	0.01	trace	0.02	0.12	0.12	>0.8	0.65
50	0	trace	0	trace	trace	0	0	0	0	0	0	***	***	--	--
51	0	0	0	0	0	0	0	0	0	0	0	***	***	--	--
52	0.02	trace	0.25	0.02	trace	trace	0	0	0	0	0	0	0	--	--
53	0	trace	trace	trace	trace	0	0	0	0	0	0	0	0	--	--

(See Notes on Page 3)

APPENDIX I
TABLE I–7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

OIL THICKNESS DATA 1983 – 1989
(Data presented in feet)

Well No.	May 1983	October 1983	April 1984	October 1984	May 1985	November 1985	February 1986	April 1986	October 1986	April 1987	October 1987	April 1988	September 1988	April 1989	October 1989
55	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*
56	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
57	--	--	0	0	0	0	0	trace	0.13	0.02	0.02	trace	trace	--	trace
60	0	0	0.02	0.02	trace	trace	0.06	trace	trace	trace	0.12	0.10	0.59	0.08	0.09
72	>0.8	0.08	0.08	0.02	trace	trace	0								
73	0	0	0	0	0	0	0	0	0	0	0	--	0	--	--
74	0	0	0	0	0	0	frozen	0	0	0	0	0	0	--	--
75	0.17	0.02	0.16	0.02	0.02	0.17	frozen	0.02	0.04	0.15	0.04	0.24	0.43	0.17	--
76	**	**	>0.8	0.5	trace	0.17	0.5	0.5	0.25	>0.8	0.78	>0.8	0.63	0.25	0.09
77	--	--	--	--	--	--	--	0	0	0	0	0	--	--	--
78	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
79	--	--	--	--	--	--	0	0	0	0	0	0	--	--	--
80	--	--	--	--	--	--	0	0	0	0	0	0	0	--	--
81	--	--	--	0	0	0	0	0	0	0	0	0	0	--	--
82	0	0	0	--	--	--	--	--	--	--	--	--	--	--	--
89	0	0	--	--	--	--	0	0	0	0	0	0	0	--	--
94	0	0	0	0	0	0	0	0	0	0	0	--	--	--	--
97	0	0	0	0	0	0	0	0	0	0	--	0	0	--	--
100	trace	>0.75	0.16	0.02	0.04	0.02	0.25	trace	0.08	trace	0.02	0.11	0.16	0.36	0.02
103	0.04	trace	trace	trace	trace	trace	trace	trace	0	0	0	0	0	--	--
105	**	**	**	**	**	**	**	**	**	>0.8	>0.8	>0.8	>0.8	>0.8	>0.8
106	>0.8	>0.8	0.16	0.25	0.02	0.54	>0.8	0.33	0.04	trace	>0.8	>0.8	>0.8	0.50	0.79
107	trace	trace	trace	trace	trace	trace	0.06	trace	0	0	0	0.1	0	*	trace
108	trace	0	0	0	0	0	0	0	*	*	*	*	*	*	*
108A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(See Notes on Page 3)

APPENDIX I
TABLE I-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

OIL THICKNESS DATA 1983 – 1989
(Data presented in feet)

Well No.	May 1983	October 1983	April 1984	October 1984	May 1985	November 1985	February 1986	April 1986	October 1986	April 1987	October 1987	April 1988	September 1988	April 1989	October 1989
109A	0	0	trace	0	0	0	0	0	0	0	0	0	0	--	--
112	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*
114	0.42	>0.8	>0.8	>0.8	>0.8	>0.8	>0.8	>0.8	0.04	*	*	*	*	*	*
117	--	--	--	--	--	0	0	0	*	*	*	*	*	*	*
118	--	--	--	0	0	0	0	0	0	0	0	0	0	--	--
119	--	--	--	0	0	0	0	0	0	0	0	0	0	--	--
120	--	--	--	0	0	0	0	0	0	0	0	0	0	--	--
122	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*
125	--	--	--	--	--	--	--	--	0	0	0	0	0	--	--
126	--	--	--	--	--	--	--	--	0	0	0	0	0	--	--
127	0	0	0.2	0	trace	0	0	0	0	0	0	0	0	--	--
128	**	**	0	0	0	0	0	0	0	0	0	0	0	--	--
129	--	0	0	0	0	0	0	0	0	0	0	0	0	--	--
130	--	--	--	0	trace	0.02	trace	trace	trace	0.29	0.11	0.18	0.25	0.10	--
131	--	--	--	0	trace	trace	0	0	0	0	0	0	0	0	0.61
132	--	--	--	0	0	0	0	0	0	--	--	--	--	--	--
140	0.75	>0.8	>0.8	>0.8	0.02	0.02	trace	0	trace	trace	0.23	0.12	0.08	0.46	0.24
141	0	0	0	0	0	trace	trace	trace	0	0	0.01	trace	trace	--	trace
Caisson	--	--	--	--	--	--	0.02	0	0	0	0	0	0	--	--
Recovery Systems															
Northside	--	--	--	--	--	--	--	0.02	trace	0.01	trace	0.03	0.02	0.02	0.02
Southside	--	--	--	--	--	--	--	--	--	0	trace	trace	0.01	--	trace

Notes:
-- = No reading.
* = Well destroyed.
** = Oil in well, baller does not fit in the well.
*** = Obstruction in well.
**** = These wells were sampled for oil by General Electric and USEPA, therefore, the oil thickness in these wells could not be accurately measured during the October 1993 monitoring program.

APPENDIX I
TABLE I–8

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA1/USEPA AREA 3

OIL THICKNESS DATA 1990 – 1994
(Data presented in feet)

Well No.	April 1990	October 1990	April 1991	October 1991	April 1992	October 1992	April 1993	October 1993	April 1994
6	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
10	0	--	--	--	--	--	--	--	--
25	0.02	0.03	trace	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0
33	0	0	0	0	trace	0	0	0	0
34	0.02	0.01	trace	0	0	0	0	0	0
35	trace	0.01	trace	0	trace	0	0	0	0
36	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	--[4]	--	--
45	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.12	0.06
46	0.02	0.01	trace	0	0	0	0.03	0.03	0
47	0	0	0	0	0	0	0	0	0
48	1.69	1.37	0.19	1.54	0.83	0.79	1.82	0.91	1.53
49	0.61	0.52	0.49	0.54	0.42	0.52	0.61	0.56	0.06
52	0	0	0	0	0.01	0	0	0	0
53	0	0	0	0	0	0.01	0	0	0.01
56	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0
60	0.02	0.02	0.04	0.02	0.01	0.01	--[4]	--	--
72	0.08	0.01	trace	0.01	trace	0.03	0.02	0.21	0.02
73	0	--	--	--	--	--	--	--	--
74	0	0	0	0	0	0	0	0	0
75	0.07	0.02	trace	0.01	0	0	0	0	0
76	1.06	1.12	0.01	0.93	0.36	0.12	0.17	0.62	0.95
77	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0
81	0	0	--	--	--	--	--	--	--

(See Notes on Page 2)

APPENDIX I
TABLE I-8

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA1/USEPA AREA 3

OIL THICKNESS DATA 1990 - 1994
(Data presented in feet)

Well No.	April 1990	October 1990	April 1991	October 1991	April 1992	October 1992	April 1993	October 1993	April 1994
89	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0
100	0.02	0.01	0.02	0	0	0	0	0	--
103	0	0	0	0	0	0	0	0	0
105	3.91	1.49	0.26	0.69	0.35	0.35	0.05	0.84	0.10
106	0.01	0.01	0.02	0.11	0.03	0.13	0.01	0.56	0.06
107	Trace	Trace	Trace	0	0	0	0	0	0
108A	0.02	Trace	0	0	0	0	0	0	0
109A	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0
120	0	0	0	0	Trace	0	0	0	0
125	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	--	--	--
127	0	0	0	0	0	0	0	0.01	0
128	0	0	0	0	0	0	0	0	0
129	0	0	0	0	Trace	0	--[5]	--	--
130	0	0	0.06	0	0.07	0.89	0	0.63	0
131	0.01	Trace	Trace	0.08	0.21	0.64	0.31	--	0.12
140	0.09	0.01	0.01	0.08	0	0.01	0.01	0.13	0.01
141	0	0	0	0	0	0	0	0	0
ES1-1			0	0	0	0	0	0	0
ES1-4			0	0	0	0	0	0	0
Caissons									
Northside	--[3]	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0
Southside	Trace	Trace	Trace	Trace	Trace	0	0.04	0.07	0.06

Notes:
-- = No reading.
* = Well destroyed.
** = Oil in well, bailer does not fit in the well.
*** = Obstruction in well.
**** = These wells were sampled for oil by General Electric and USEPA, therefore, the oil thickness in these wells could not be accurately measured during the October 1993 monitoring program.
[3] Oil Thickness could not be measured, oil viscosity casued fouling of interface probe.
4 - Paved over.
5 - Well destroyed.

EAST STREET AREA 1
OIL REMOVAL SUMMARY, AREA 1
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

Well Number	8-7-80	8-15-80	8-21-80	9-17-80	10-8-80	10-15-80
30						>2,000
48	1,400	1,400	1,400	1,100	1,350	>1,000
49						800
50						50
51						50
76	1,180	--	475	--	>2,000	820
105				1,450	TR	TR
106				3,840	>2,000	>2,000
107				1,900	TR	TR
114	1,180	1,200	1,280	1,780	>2,000	1,450
140*				450	500	120

Notes:

* = replacement for 104.
Quantities reported in milliliters.

4/28/90
1290289N