



04-0026

Corporate Environmental Programs
General Electric Company
100 Woodlawn Avenue, Pittsfield, MA 01201

SDMS 261522

RECEIVED

AUG 20 2001

BERKSHIRE
REGIONAL PLANNING COMMISSION

Transmitted via Federal Express

August 14, 2001

Ms. J. Lyn Cutler
Section Chief, Special Projects
Bureau of Waste Site Cleanup
Department of Environmental Protection
436 Dwight Street
Springfield, Massachusetts 01103

**Re: Revised Remedial Action Work Plan (RAWP) Drawings for the Following
Off-Site Residential Properties (Site No. GEACO210):**

<u>Parcel No.</u>	<u>RTN</u>
I9-9-26	1-12536
I9-9-27	1-12289
I9-9-28	1-12281
I9-9-29	---
J10-2-6	1-13876

Dear Ms. Cutler:

To confirm the changes agreed upon in recent discussions with the Massachusetts Department of Environmental Protection (MDEP) for Parcels I9-9-26, I9-9-27, I9-9-28, and I9-9-29, as well as the MDEP's conditional approval letter for Parcel J10-2-6, GE is providing the attached revised RAWP drawings for the aforementioned properties. We trust this information satisfies your needs.

Please do not hesitate to contact me with any questions.

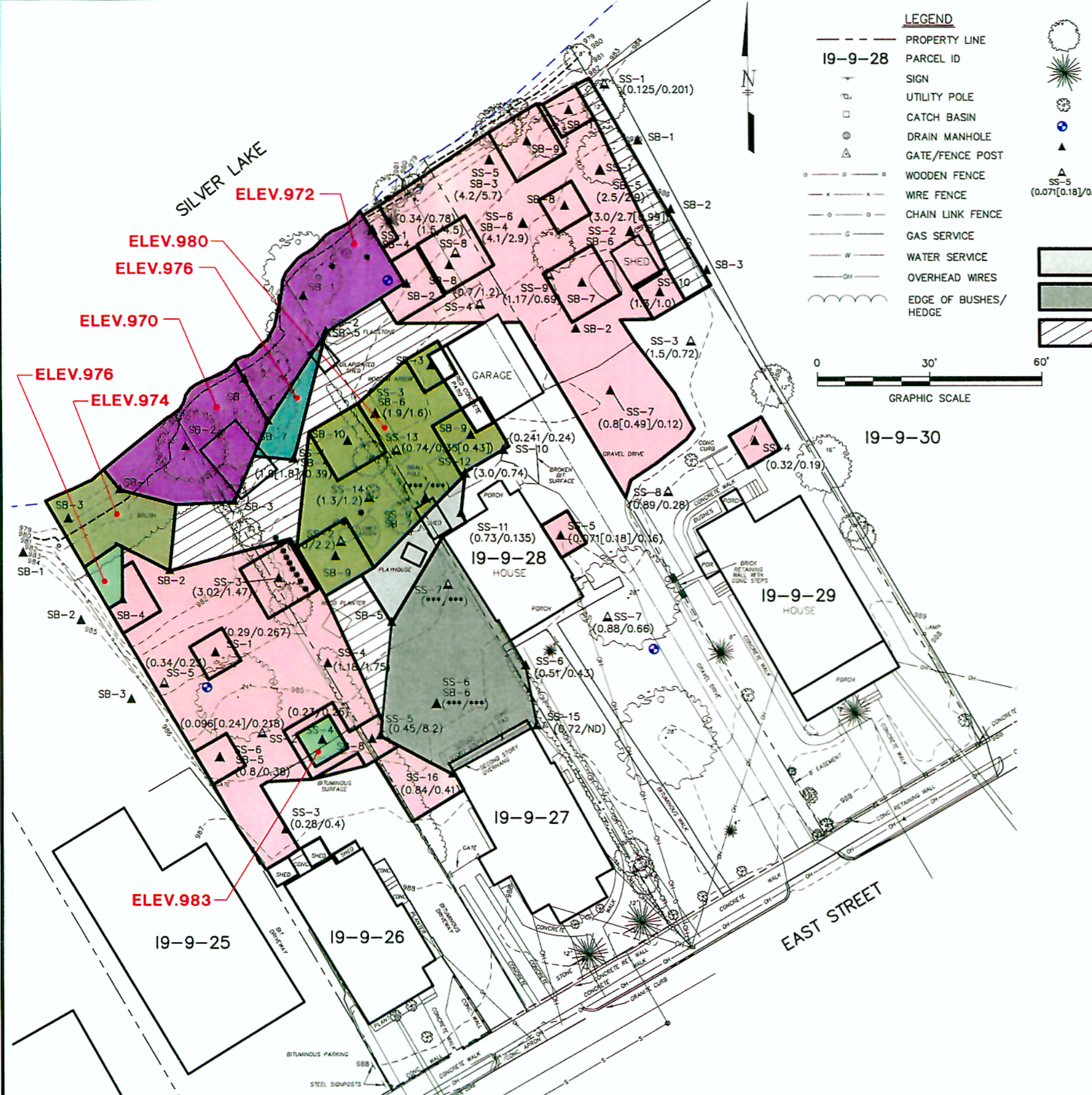
Very truly yours,

Richard W. Gates
Remediation Project Manager

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Enclosure

cc: R. Bell, DEP
A. Weinberg, DEP
E. Barnes, DEP*
T. Angus, DEP
B. Olson, EPA*
J. Bieke, Esq., Shea & Gardner*
R. Wyner, Esq., Shea & Gardner*
R. McLaren, Esq., GE*
Housatonic River Initiative
Mayor G.S. Doyle
State Senator A. Nuciforo
State Rep. D. Bosley
State Rep. C. Hodgkins
State Rep. S. Kelly
State Rep. P. Larkin
M. Carroll, GE
J. Levesque, GE*
Pittsfield Health Department*
Pittsfield Conservation Commission*
T. Hickey, Chair, Pittsfield City Council
J. Nuss, P.E., Blasland, Bouck & Lee
C. Averill, Blasland, Bouck & Lee*
C. Vu, MA Department of Public Health*
J. Bernstein, Bernstein, Cushner & Kimmell*
Public Information Repositories I-P-IV(A)(1)*
GE Internal Repositories*
Affected Property Owner - Parcel I9-9-26*
Affected Property Owner - Parcel I9-9-27*
Affected Property Owner - Parcel I9-9-28*
Affected Property Owner - Parcel I9-9-29*
Affected Property Owner - Parcel J10-2-6*
E. Joselson (Attorney - Parcels I9-9-27 and I9-9-29)*

(* with enclosure)

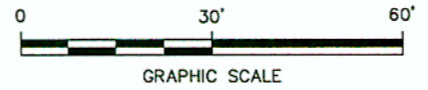


LEGEND

- PROPERTY LINE
- 19-9-28 PARCEL ID
- ⊥ SIGN
- UTILITY POLE
- CATCH BASIN
- DRAIN MANHOLE
- △ GATE/FENCE POST
- WOODEN FENCE
- x-x- WIRE FENCE
- o-o- CHAIN LINK FENCE
- g- GAS SERVICE
- w- WATER SERVICE
- oh- OVERHEAD WIRES
- ~ EDGE OF BUSHES/HEDGE
- DECIDUOUS TREE
- ⊙ CONIFEROUS TREE
- ⊙ SHRUB
- ⊙ TEMPORARY GROUNDWATER MONITORING WELL
- ▲ EXISTING SOIL BORING LOCATION
- ▲ EXISTING SURFACE (0-6") AND NEAR-SURFACE (6-12") SOIL PCB SAMPLING LOCATION. TOTAL PCB CONCENTRATIONS (PPM DRY WT.) SHOWN IN PARENTHESIS (SURFACE/NEAR SURFACE). ND = NON-DETECT. DUPLICATE RESULTS SHOWN IN BRACKETS.
- SOIL REMOVED AS PART OF IRA ACTIVITIES MAY 1998 (1-FOOT DEPTH)
- SOIL REMOVED AS PART OF IRA ACTIVITIES MAY 1998 (2-FOOT DEPTH)
- EXISTING SOILS (APPROX. 1 FOOT) WILL BE REMOVED TO FACILITATE RESTORATION ACTIVITIES (i.e. SOD PLACEMENT)

- 1-FOOT REMOVAL
- REMOVAL TO ADDRESS SAMPLE(S) IN 1- TO 2-FOOT DEPTH INCREMENT
- REMOVAL TO ADDRESS SAMPLE(S) IN 2- TO 4-FOOT DEPTH INCREMENT
- REMOVAL TO ADDRESS SAMPLE(S) IN 4- TO 6-FOOT DEPTH INCREMENT
- REMOVAL TO ADDRESS SAMPLE(S) IN 8- TO 10-FOOT DEPTH INCREMENT

- NOTES**
- BASE MAP PREPARED BASED ON SURVEY INFORMATION (PARCELS 19-9-27 THROUGH -29) PROVIDED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS AND AERIAL PHOTOGRAPHY DATED APRIL 1990.
 - 1997/1998 SOIL/SEDIMENT SAMPLING WAS CONDUCTED BY BBL, INC., WITH MARCOR ENVIRONMENTAL REMEDIATION, INC. PROVIDING DRILLING SERVICES.
 - ALL EXISTING SAMPLING LOCATIONS SURVEYED BY BBL, INC.
 - ALL PCB RESULTS ARE PRELIMINARY.
 - UTILITY LOCATIONS ARE APPROXIMATE.



SUMMARY OF SOIL BORING PCB SAMPLE RESULTS
(PPM, DRY WT.) (SAMPLE INCREMENTS IN FEET)

Sample ID	0 - 0.5	0.5 - 1	1 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16
19-9-25-SB-1	0.29	0.3	---	0.196	0.85	1.74	4.6[4.6]	---	---	---
19-9-25-SB-2	0.44	0.225	---	0.62	1.49	0.62	ND	0.04J	ND	---
19-9-25-SB-3	0.74	0.103	---	0.88	1.2	ND	ND	---	---	---
19-9-26-SB-1	2.0	2.9	---	4.8	85[100]	6.3	0.86	0.77	ND	---
19-9-26-SB-2	0.2	0.15	---	ND	ND	0.084	---	---	---	---
19-9-26-SB-3	16.1	0.33	---	73	3.3	0.097	0.12	---	---	---
19-9-26-SB-4	0.31	6.6	---	0.064	ND[ND]	ND	ND	---	---	---
19-9-26-SS-1	---	---	---	---	---	---	---	---	ND	---
19-9-26-SS-3	---	---	---	0.165	---	---	---	ND[ND]	---	---
19-9-26-SS-4	---	---	1.42	---	---	---	---	---	---	---
19-9-27-SB-1	3.3	3.5	---	13	9.0	47	3.2	---	---	---
19-9-27-SB-2	6.6	1.66	---	0.89	20.3	71	41	140	1.62	---
19-9-27-SB-3	1.7	1.5	---	0.236	0.08	ND	0.031	---	---	---
19-9-27-SB-4	---	---	2.2	0.54	ND[0.42]	ND	---	---	---	---
19-9-27-SB-5	6.7	3.17	---	3.4	1.35	ND[0.061]	1.1	0.021	---	---
19-9-27-SB-6	---	---	---	---	---	---	---	---	---	---
19-9-27-SB-7	---	---	---	---	---	---	---	ND[ND]	---	---
19-9-27-SB-8	---	---	0.22	---	---	---	---	---	---	---
19-9-27-SB-9	---	---	---	---	---	---	---	---	---	---
19-9-27-SB-10	---	---	---	---	---	---	---	---	---	---
19-9-27-SS-3	---	---	---	0.72	---	---	---	---	---	---
19-9-27-SS-4	---	---	---	---	---	---	---	---	---	---
19-9-27-SS-16	---	---	---	---	---	---	---	---	---	ND[ND]
19-9-28-SB-1	0.25	0.52	---	0.25	0.094	5.6	55	67.8	0.77[0.72]	---
19-9-28-SB-2	2.1	2.4	---	0.4	0.23	0.066	0.083[0.2]	ND	ND	ND
19-9-28-SB-3	2.0	0.18	---	---	---	---	---	---	---	---
19-9-28-SB-4	---	---	---	0.98	1.6	0.17	0.11	---	---	---
19-9-28-SB-5	---	---	---	0.17	0.41[0.54]	2.3	1.9	1.9	ND	0.57
19-9-28-SB-6	---	---	---	8.9	ND	ND	ND	---	---	---
19-9-28-SB-7	---	---	---	0.41	ND[ND]	ND	ND	---	---	---
19-9-28-SB-8	---	---	---	---	---	---	---	---	---	---
19-9-28-SS-5	---	---	---	---	---	---	---	---	---	---
19-9-28-SS-6	---	---	---	0.027J	---	---	---	---	---	---
19-9-28-SS-11	---	---	---	---	---	---	---	---	---	---
19-9-29-SB-1	1.4	0.3	---	0.18	0.11	0.41	0.14	ND	ND	ND
19-9-29-SB-2	0.63	1.1	---	0.17	0.09	0.039	ND	ND	---	---
19-9-29-SB-3	---	---	---	0.57	0.154	1.29	0.29	0.131	0.226	ND
19-9-29-SB-4	---	---	---	3.74	2.8	0.137	ND[4.8]	ND	---	---
19-9-29-SB-5	---	---	---	2.0	0.097	1.55	0.46	0.042	ND	ND[ND]
19-9-29-SB-6	---	---	---	1.9	2.1	5.1	0.081	ND	ND	---
19-9-29-SB-7	---	---	---	---	---	0.18	---	---	---	---
19-9-29-SB-8	---	---	---	---	---	---	0.213	---	---	---
19-9-29-SS-4	---	---	---	0.44[0.38]	---	---	---	---	---	---
19-9-29-SS-7	---	---	---	0.145	---	---	---	---	---	---
19-9-29-SS-10	---	---	---	---	---	---	---	---	---	---
19-9-30-SB-1	1.91	1.08	---	1.29	ND	9.8[ND]	ND	---	---	---
19-9-30-SB-2	0.145	0.42	---	1.11	4.1	0.29	ND	---	---	---
19-9-30-SB-3	ND	0.027J	---	0.079	0.96	0.066J	ND	---	---	---

- Notes:
- Samples were collected by BBL, Inc. and were submitted to RECRE Labnet, Quanterra Environmental Services, or CT&E Environmental Services, Inc. for analysis of PCBs.
 - = No sample collected.
 - ND = Not detected.
 - Duplicate results shown in brackets.
 - J = Estimated value less than the practical quantitation limit (PQL).
 - *** = Soil removed as part of IRA activities, May 1998.

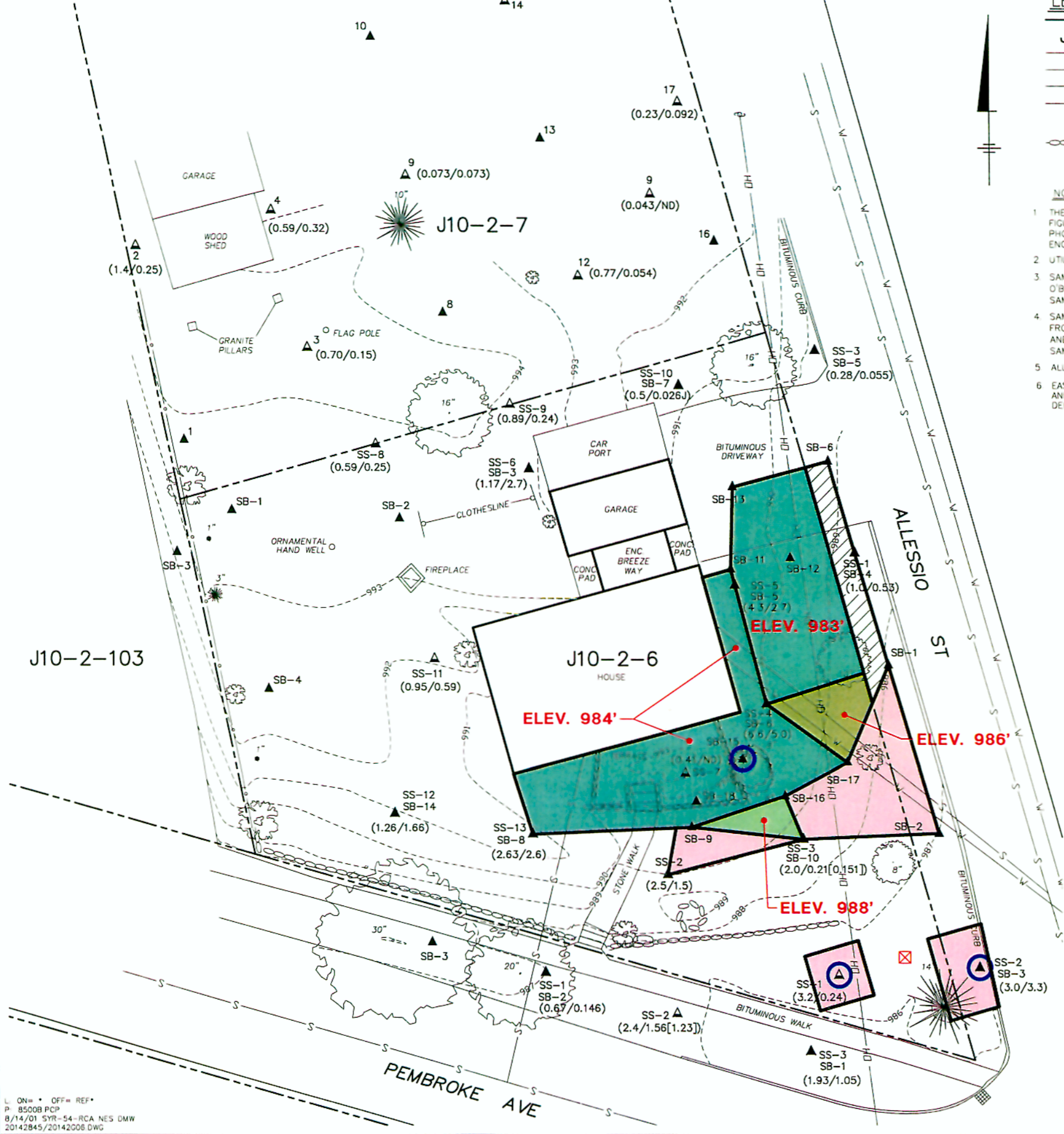
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

**PARCELS 19-9-26 THROUGH -29
PROPOSED SOIL REMOVAL LIMITS**

BBL BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE
1

**PRELIMINARY ANALYTICAL
RESULTS - SUBJECT
TO VERIFICATION**



LEGEND

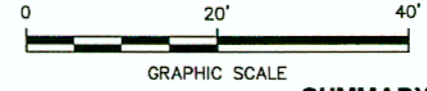
- PROPERTY LINE
- PARCEL ID
- FENCE
- WATER SERVICE
- SANITARY SEWER
- OVERHEAD WIRES
- UTILITY POLE
- STONE RETAINING WALL
- CATCH BASIN
- SHRUB

- DECIDUOUS TREE
- CONIFEROUS TREE
- EXISTING SOIL BORING LOCATION
- EXISTING SURFACE (0-6") AND NEAR-SURFACE (6-12") SOIL PCB SAMPLING LOCATION. TOTAL PCB CONCENTRATIONS (PPM DRY WT.) SHOWN IN PARENTHESES (SURFACE/NEAR SURFACE). ND = NON-DETECT. DUPLICATE RESULTS SHOWN IN BRACKETS.

- NOTES**
- THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE DIGITIZED FROM APRIL 1990 AERIAL PHOTOGRAPHS AND FROM SITE SURVEY BY HILL ENGINEERS, ARCHITECTS AND PLANNERS (3/7/01).
 - UTILITY LOCATIONS ARE APPROXIMATE
 - SAMPLING ON PARCEL J10-2-7 WAS CONDUCTED BY O'BRIEN & GERE ENGINEERS, INC. ALL OTHER SAMPLING WAS CONDUCTED BY BBL, INC.
 - SAMPLING LOCATIONS ON PARCEL J10-2-7 WERE DIGITIZED FROM PHOTOCOPY OF O'BRIEN & GERE ENGINEERS DRAWING AND SHOULD BE CONSIDERED APPROXIMATE. ALL OTHER SAMPLING LOCATIONS WERE SURVEYED BY BBL, INC.
 - ALL PCB RESULTS ARE PRELIMINARY.
 - EASEMENT AREA EXCAVATIONS HAVE A MINIMUM DEPTH OF 2 FEET AND ARE SLOPED PER OSHA (29 CFR 1926) TO MATCH EXCAVATION DEPTHS IN ADJACENT SOIL REMOVAL AREAS.

- EASEMENT AREA EXCAVATION (SEE NOTE 6)
- 1-FOOT REMOVAL
- REMOVAL TO ADDRESS J10-2-6-SB-18 (1-2' SAMPLE INCREMENT)
- REMOVAL TO ADDRESS J10-2-6-SB-6 (2-4' SAMPLE INCREMENT)
- REMOVAL TO ADDRESS J10-2-6-SB-5, -SB-12 & -SB-15 (4-6' SAMPLE INCREMENT)

- APPENDIX IX+3 SOIL SAMPLE LOCATION (0- TO 1-FOOT DEPTH INTERVAL)
- PROPOSED AMBIENT AIR PARTICULATE MONITORING LOCATION (APPROX.)



ELEV. 984' BOTTOM OF EXCAVATION ELEVATION

SUMMARY OF SOIL BORING PCB RESULTS

(PPM, DRY WT.) (SAMPLE INCREMENTS IN FEET)

Sample ID	0 - 0.5	0.5 - 1	1 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16
J10-2-6-SB-1	1.03	0.87	1.1	2.06	0.042[ND]	ND	ND	ND	ND	ND
J10-2-6-SB-2	0.92	0.45	0.037J	ND	ND	ND	ND	ND	ND	ND
J10-2-6-SB-3	ND	ND	1.74	0.19	ND	ND	ND	ND	ND	ND
J10-2-6-SB-4	0.92	0.86	0.8	1.01	0.34[0.38]	ND	ND	ND	ND	ND
J10-2-6-SB-5	ND	ND	4.9	112	206[330]	ND	ND[ND]	ND	ND	ND
J10-2-6-SB-6	ND	ND	4.0	196	4.69	1.48	ND	ND	ND	ND
J10-2-6-SB-7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
J10-2-6-SB-8	ND	ND	2.42	2.52	1.81	1.56	ND[ND]	ND	ND	ND
J10-2-6-SB-9	ND	ND	1.96	0.37	0.029J	ND	ND	ND	ND	ND
J10-2-6-SB-10	ND	ND	0.108	0.38	ND	0.046J	ND	ND	ND	ND
J10-2-6-SB-11	1.26	0.145	0.23	0.302[0.2]	0.069J	ND	0.016J	ND	ND	ND
J10-2-6-SB-12	2.4	7.0	1.5	162	134	0.51	0.264	0.017J	ND	ND
J10-2-6-SB-13	ND	0.23	0.077J	ND	ND	ND	ND	ND	ND	ND
J10-2-6-SB-14	ND	ND	0.38	ND	ND[ND]	ND	ND	ND	ND	ND
J10-2-6-SB-15	74	191	156	134	192	1.34	ND	ND	ND	ND
J10-2-6-SB-16	7.6	13	4.7	0.35[0.171]	37.1	0.11	ND	ND	ND	ND
J10-2-6-SB-17	5.2	2.7	0.088	0.3	0.028J	ND	ND	ND	ND	ND
J10-2-6-SB-18	ND	14.4	75[100]	2.73	ND	ND	ND	ND	ND	ND
J10-2-7-1	0.82	0.56	0.78	0.38 J	0.0029 J	ND	ND	ND	ND	ND
J10-2-7-8	0.39	0.062	0.015 J	ND	ND	0.0068 J	ND	ND	ND	ND
J10-2-7-10	0.52	0.15 J	0.017 J	0.15 J	ND[ND]	ND	ND	ND	ND	ND
J10-2-7-11	0.18 J	0.0071 J	ND	0.0052 J[0.016 J]	0.017 J	ND	ND	ND	ND	ND
J10-2-7-13	0.94	0.027 J	ND	ND	ND	ND	ND[ND]	ND	ND	ND
J10-2-7-16	0.27	0.13	0.0043 J	0.081	ND	ND	ND	ND[ND]	ND	ND
J10-2-7-18	0.71	0.18 J	0.052	ND	ND	ND	0.066 J	ND	ND	ND
J10-2-103-SB-3	1.27	0.47	0.56	0.194	ND[ND]	ND	ND	ND	ND	ND
ALL-SB-1	0.83	0.99	1.06	ND	ND[0.2]	ND	ND	ND[ND]	ND	ND
ALL-SB-2	0.69	2.6	1.5	0.75	0.73	ND	ND	ND	ND	ND
ALL-SB-3	ND	ND	5.3	0.222	0.151[0.152]	ND	ND	ND	ND	ND
ALL-SB-4	ND	ND	0.46	0.113	0.89	0.049J	ND	ND	ND	ND
ALL-SB-5	ND	ND	0.93	0.079J[0.026J]	ND	ND	ND	ND	ND	ND
ALL-SB-6	ND	0.029J	0.67	0.083	ND	ND	ND	ND	ND	ND
PEM-SB-1	ND	ND	1.13	0.123	ND[ND]	ND	ND	ND	ND	ND
PEM-SB-2	ND	ND	ND	ND	ND[ND]	ND	ND	ND	ND	ND
PEM-SB-3	0.88	0.4	0.03J	ND	ND	ND	ND	ND	ND	ND

- Notes:
- Samples were collected by BBL, Inc and were submitted to CT&E Environmental Services, Inc for analysis of PCBs.
 - = No sample collected
 - ND = Not detected
 - Duplicate results shown in brackets
 - J = Estimated value less than the practical quantitation limit (PQL)
 - At J10-2-6-SB-18, sampling increments began at the bottom of the terrace (i.e. 0-foot began at elevation 990)

PRELIMINARY ANALYTICAL RESULTS - SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

REMEDIAL ACTION WORK PLAN

**PARCEL J10-2-6
PROPOSED SOIL REMOVAL LIMITS**

BBL BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE **1**