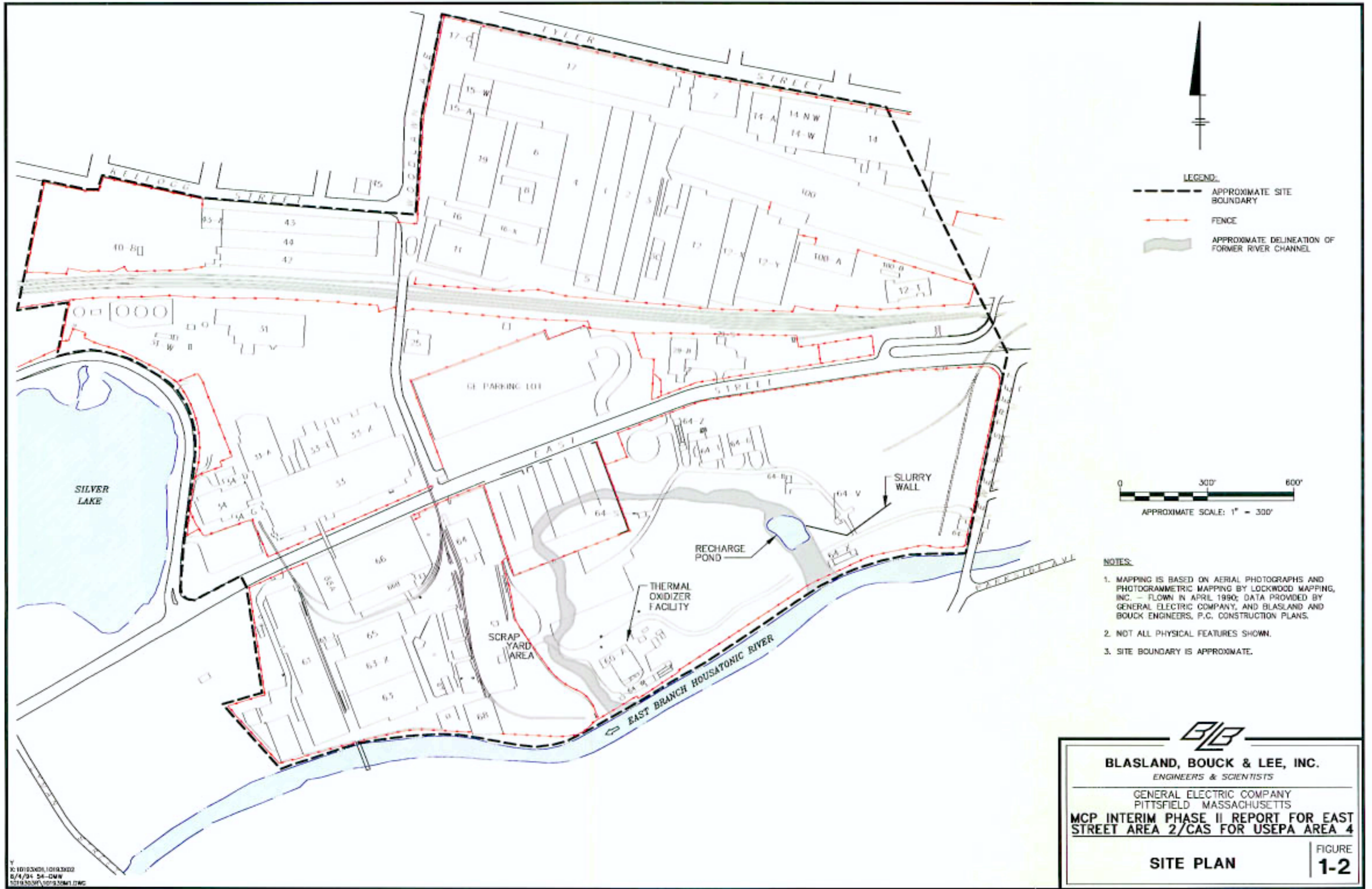




Figures



X: 10193405, 10193402
 6/4/94 24-DWW
 10193401, 10193401.DWG

BLB

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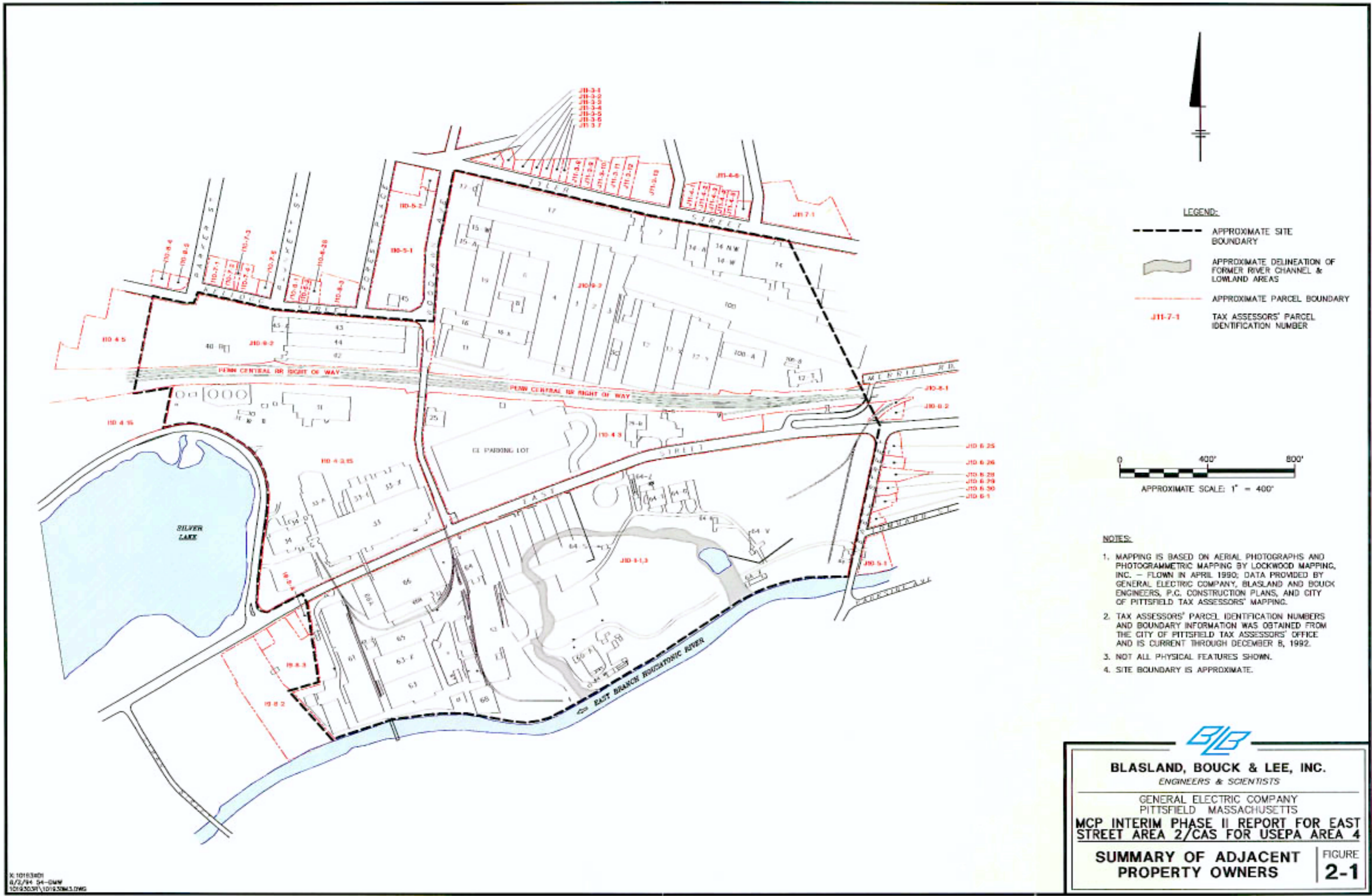
GENERAL ELECTRIC COMPANY
 PITTSFIELD MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

SITE PLAN

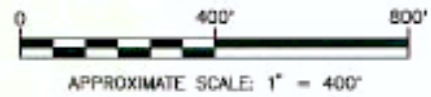
FIGURE 1-2





LEGEND:

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL & LOWLAND AREAS
- APPROXIMATE PARCEL BOUNDARY
- J11-7-1 TAX ASSESSORS' PARCEL IDENTIFICATION NUMBER



NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS, AND CITY OF PITTSFIELD TAX ASSESSORS' MAPPING.
2. TAX ASSESSORS' PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION WAS OBTAINED FROM THE CITY OF PITTSFIELD TAX ASSESSORS' OFFICE AND IS CURRENT THROUGH DECEMBER 8, 1992.
3. NOT ALL PHYSICAL FEATURES SHOWN.
4. SITE BOUNDARY IS APPROXIMATE.



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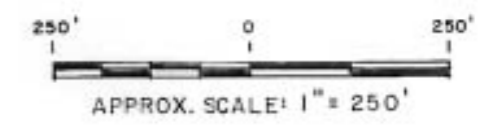
GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST
STREET AREA 2/CAS FOR USEPA AREA 4

**SUMMARY OF ADJACENT
PROPERTY OWNERS** | **FIGURE
2-1**



LEGEND

 APPROXIMATE SITE BOUNDARY



NOTE: AERIAL PHOTOGRAPH WAS TAKEN ON JULY 13, 1942



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1942
AERIAL PHOTOGRAPH

FIGURE
2-2



LEGEND

— APPROXIMATE
SITE BOUNDARY

250' 0 250'

APPROX. SCALE: 1" = 250'

NOTE: AERIAL PHOTOGRAPH WAS
TAKEN ON APRIL 14, 1969

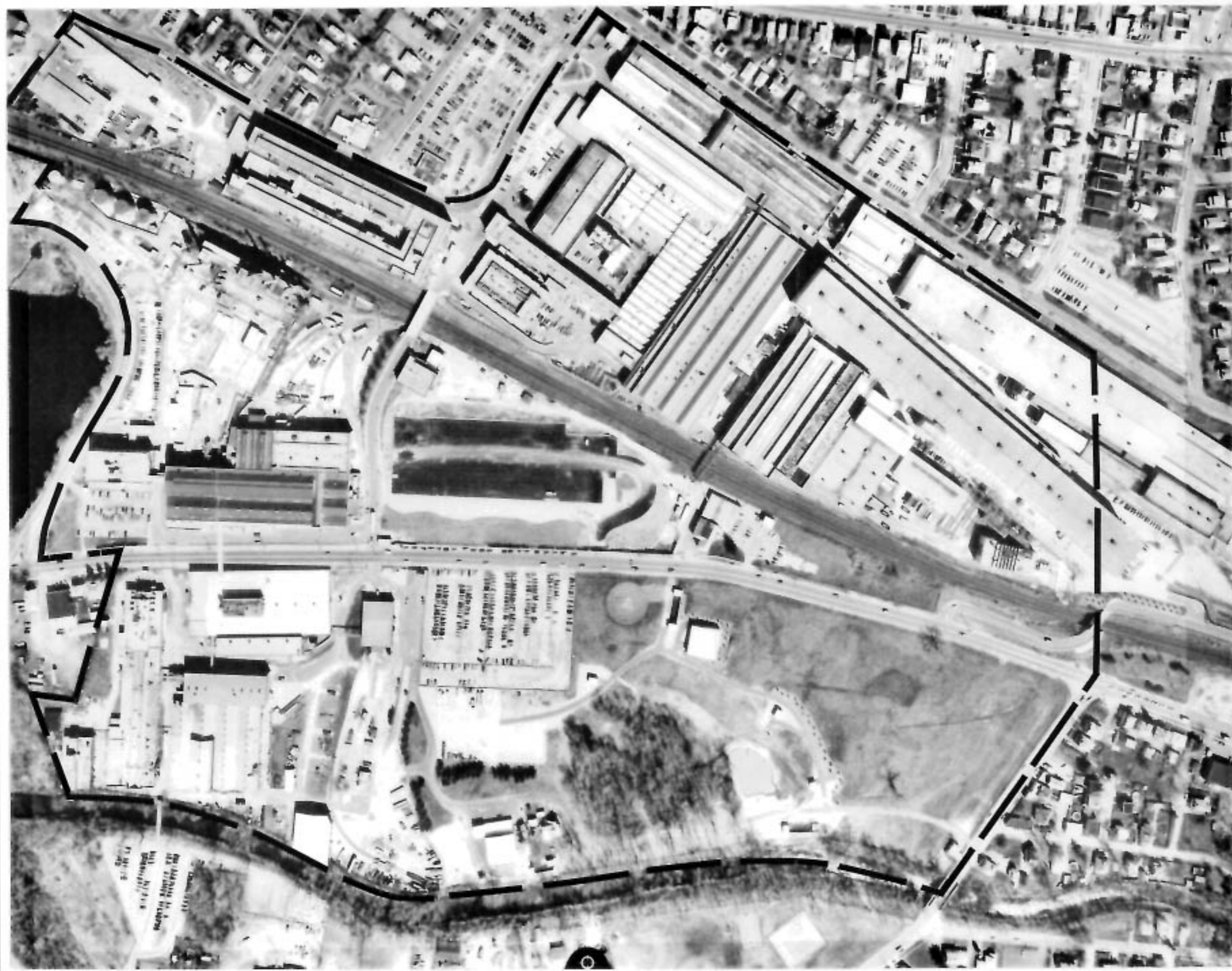


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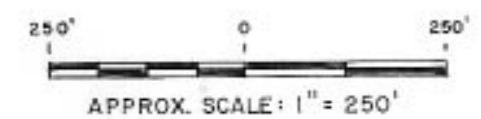
1969
AERIAL PHOTOGRAPH

FIGURE
2-3



LEGEND

— APPROXIMATE
SITE BOUNDARY



NOTE: AERIAL PHOTOGRAPH WAS
TAKEN ON APRIL 23, 1990



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1990
AERIAL PHOTOGRAPH

FIGURE
2-4



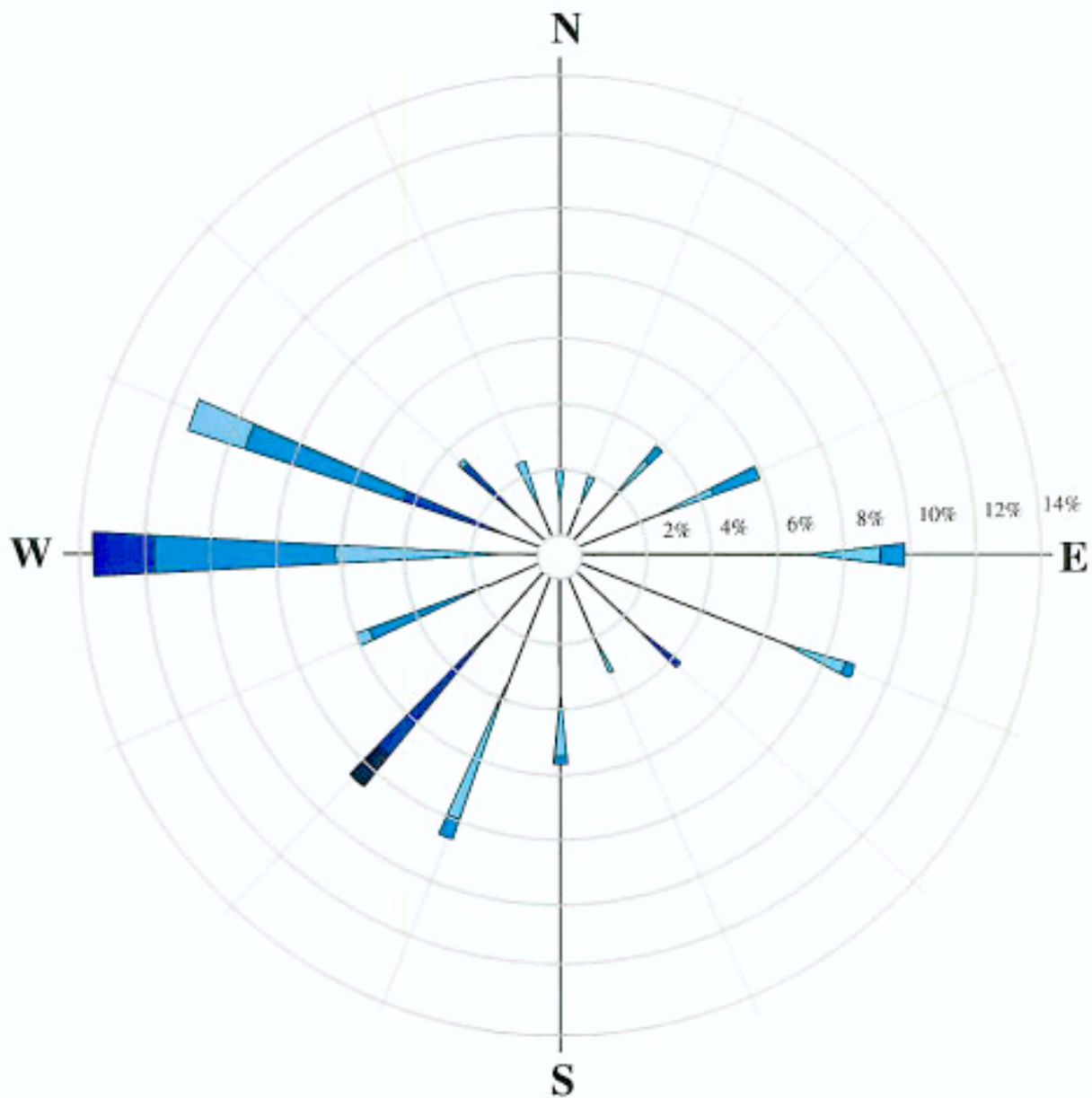
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SURFACE COVER MAP **FIGURE 2-5**

X:\10193301\10193302
8/4/94 54-DWG
P:\DWG\10193301\10193302V.DWG



WIND SPEED (KNOTS)



NOTES:

1. INFORMATION WAS COLLECTED BY ZOREX ENVIRONMENTAL ENGINEERS, INC., DURING JANUARY 1 THROUGH DECEMBER 31, 1992 FROM A METEOROLOGICAL STATION LOCATED IN EAST STREET AREA 2/USEPA AREA 4.
2. FREQUENCIES INDICATE DIRECTION FROM WHICH THE WIND IS BLOWING.

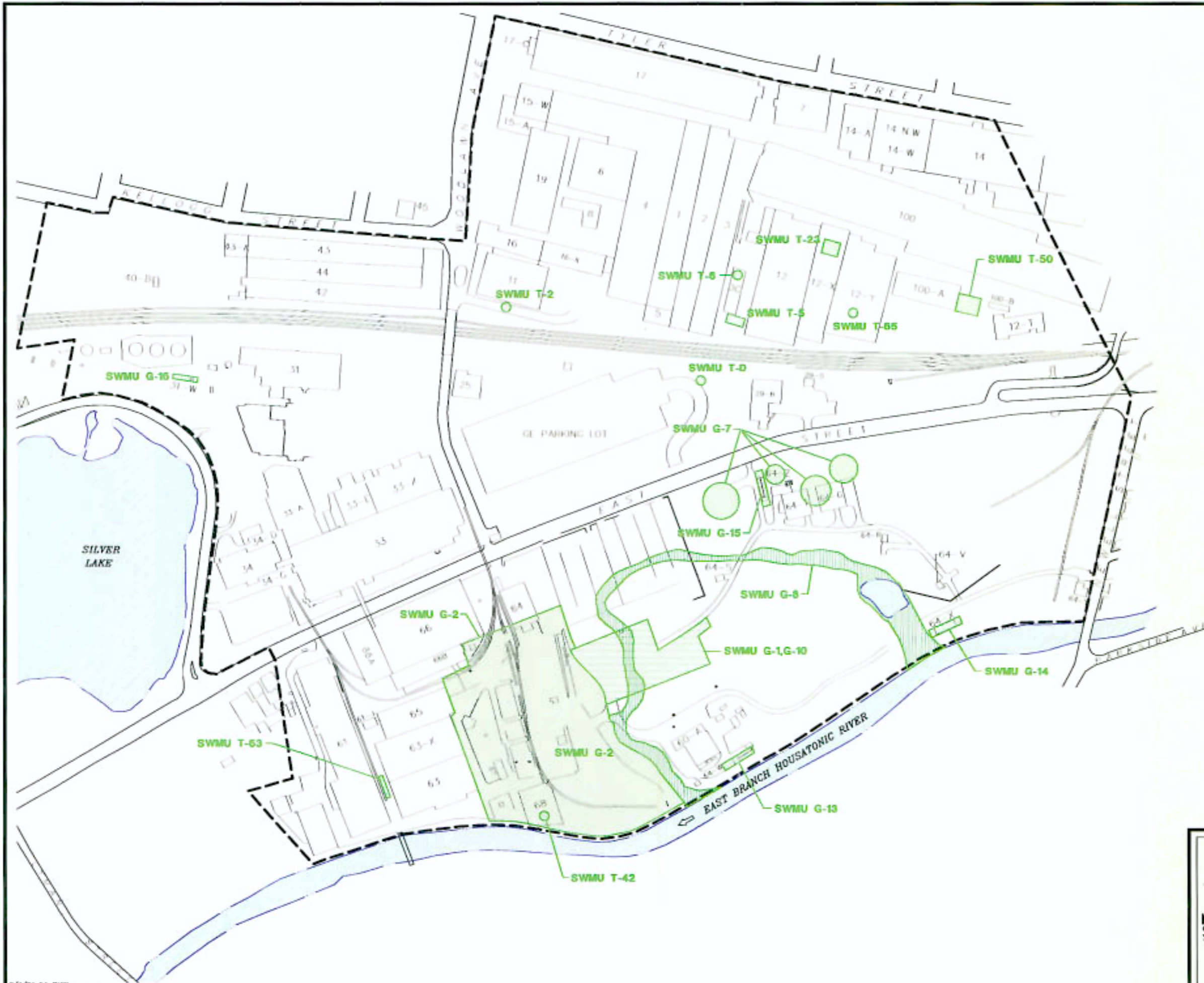


GENERAL ELECTRIC COMPANY

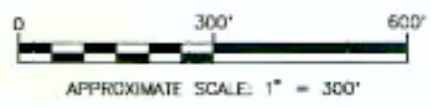
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

1992 WIND ROSE


FIGURE
2-6



LEGEND:
 - - - - - APPROXIMATE SITE BOUNDARY
 [Green Box] APPROXIMATE SWMU LOCATION



- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOOKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARY IS APPROXIMATE.
 4. SEE FIGURE 3-2 FOR ADDITIONAL SWMUs.



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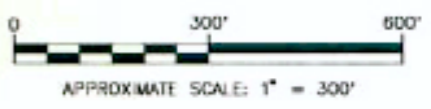
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

**USEPA AREA 4
 SWMU LOCATIONS**


FIGURE
3-1



- LEGEND:**
- APPROXIMATE SITE BOUNDARY
 - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
 - 25 ◆ MONITORING WELL
 - RW-1(X) ● PUMPING WELL
 - 64X ○ OIL RECOVERY CAISSON
 - X-13 ▲ MCP SOIL BORING
 - 33 ● ABANDONED MONITORING WELL



- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN
 3. SITE BOUNDARY IS APPROXIMATE.
 4. ALL MONITORING WELL/SOIL BORING LOCATIONS ARE APPROXIMATE.



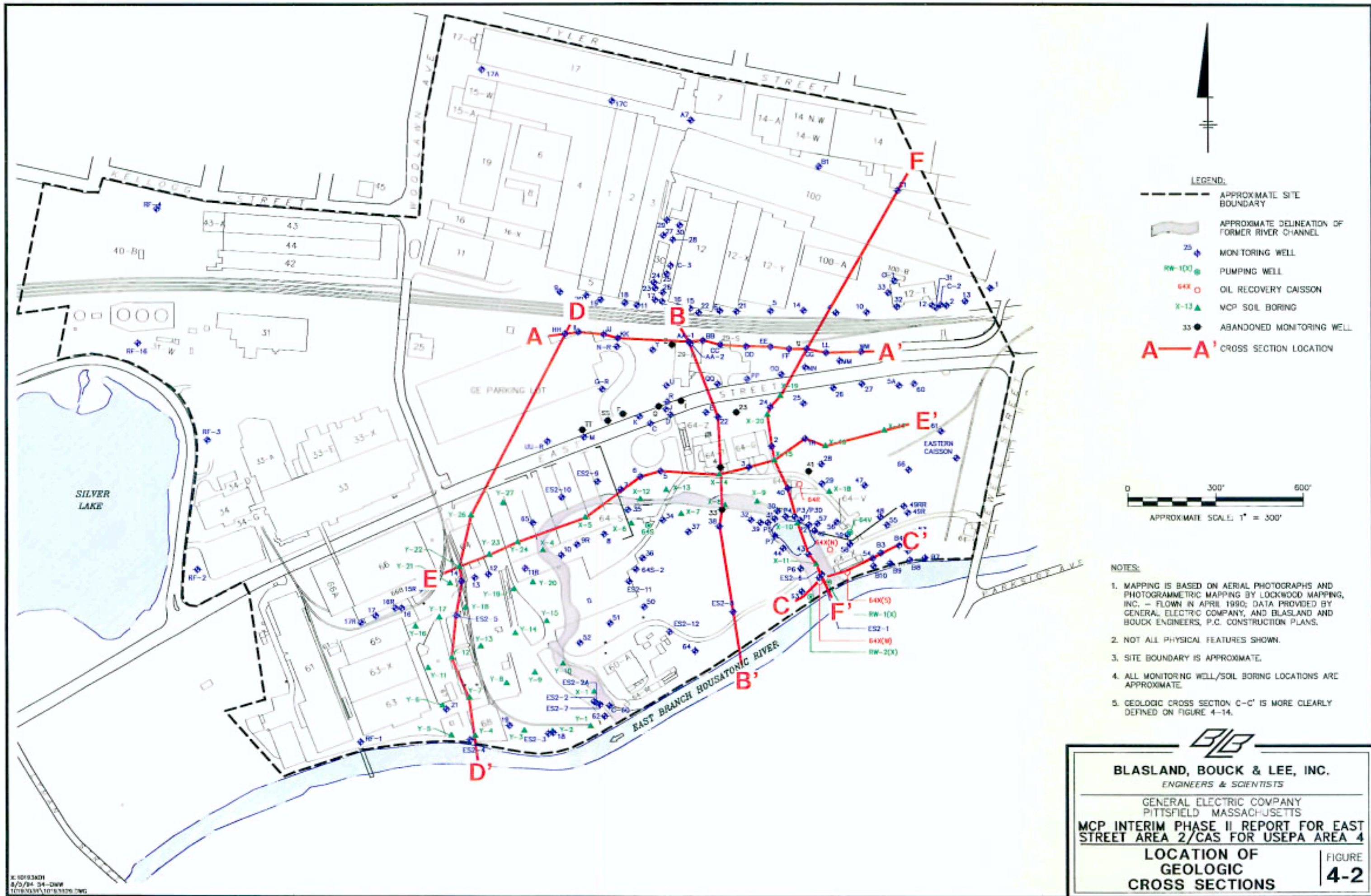
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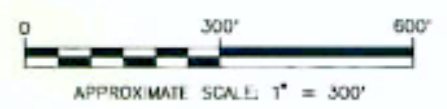
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

SOIL BORING AND MONITORING WELL LOCATION MAP


FIGURE
4-1



- LEGEND:**
- APPROXIMATE SITE BOUNDARY
 - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
 - ◆ MONITORING WELL
 - PUMPING WELL
 - OIL RECOVERY CAISSON
 - ▲ MCP SOIL BORING
 - ABANDONED MONITORING WELL
- A—A'** CROSS SECTION LOCATION



- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARY IS APPROXIMATE.
 4. ALL MONITORING WELL/SOIL BORING LOCATIONS ARE APPROXIMATE.
 5. GEOLOGIC CROSS SECTION C-C' IS MORE CLEARLY DEFINED ON FIGURE 4-14.



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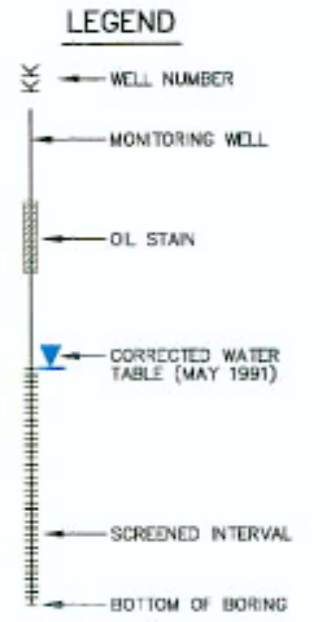
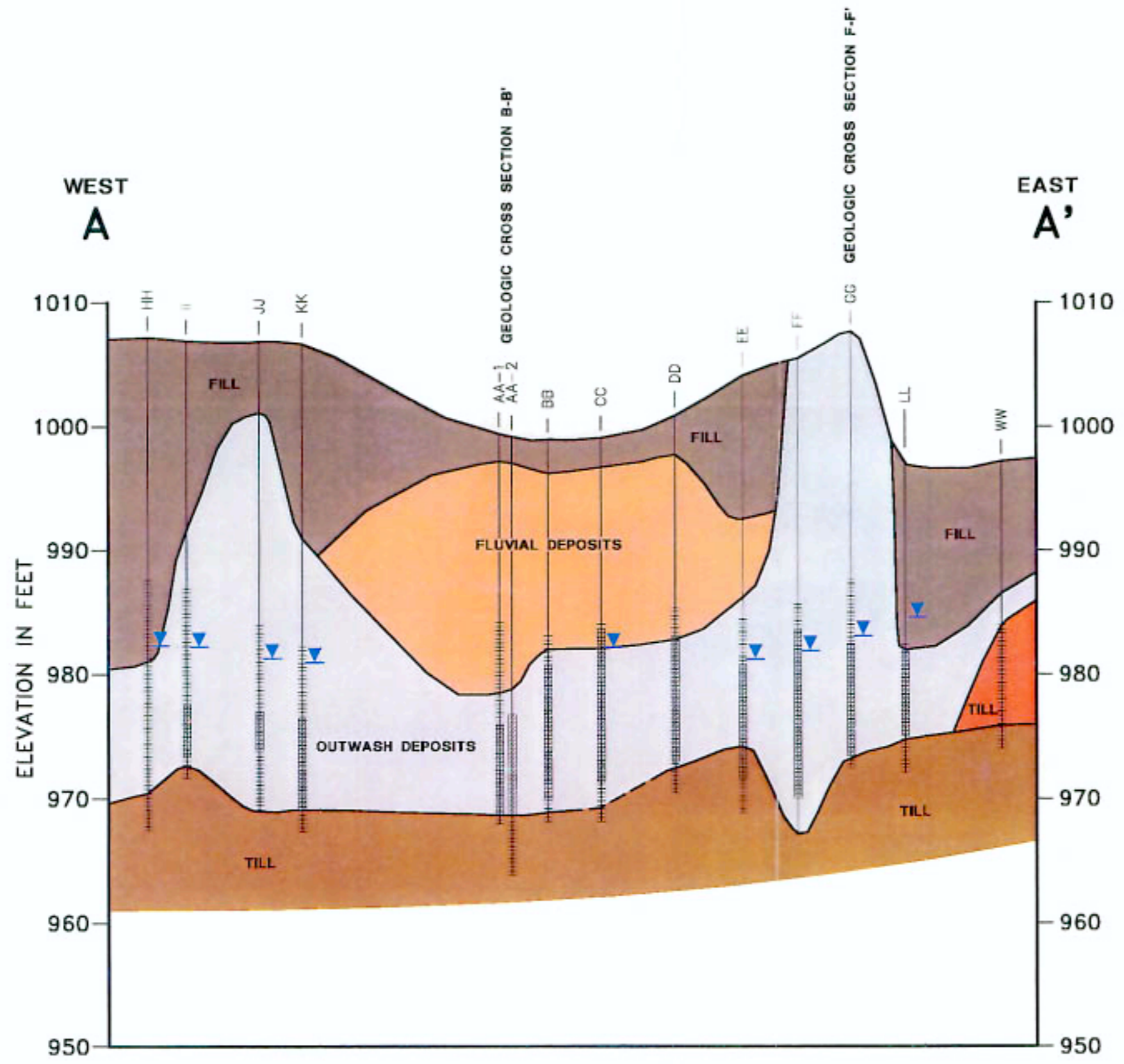
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PITTSFIELD MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

LOCATION OF GEOLOGIC CROSS SECTIONS

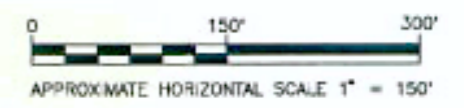
FIGURE
4-2

E:10193401
8/2/94 34-DWG
10/18/95 10:16:3326.DWG



- BROWN-BLACK, POORLY SORTED HETEROGENEOUS FILL
- BROWN, LOOSE, SILTY SAND WITH LENSES OF COBBLE GRAVEL - FLUVIAL DEPOSITS
- GRAY, LOOSE, WELL SORTED, COARSE SAND AND PEBBLE GRAVEL - OUTWASH DEPOSITS
- BROWN MEDIUM DENSE SILT WITH EMBEDDED FINE GRAVEL - TILL
- BROWN, VERY DENSE SILT WITH EMBEDDED COBBLES AND BOULDERS - TILL

- NOTES:**
- GEOLOGIC CROSS SECTIONS PREPARED FROM BORING LOGS.
 - LOCATION OF CROSS SECTION ILLUSTRATED ON FIGURE 4-2.
 - OBSERVATIONS OF OIL STAINING WERE OBTAINED DURING BORING INSTALLATION.



B/L

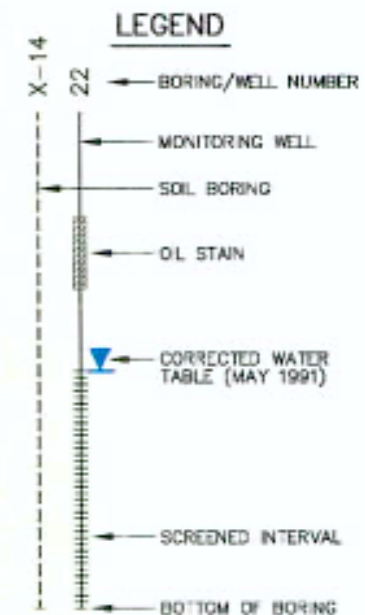
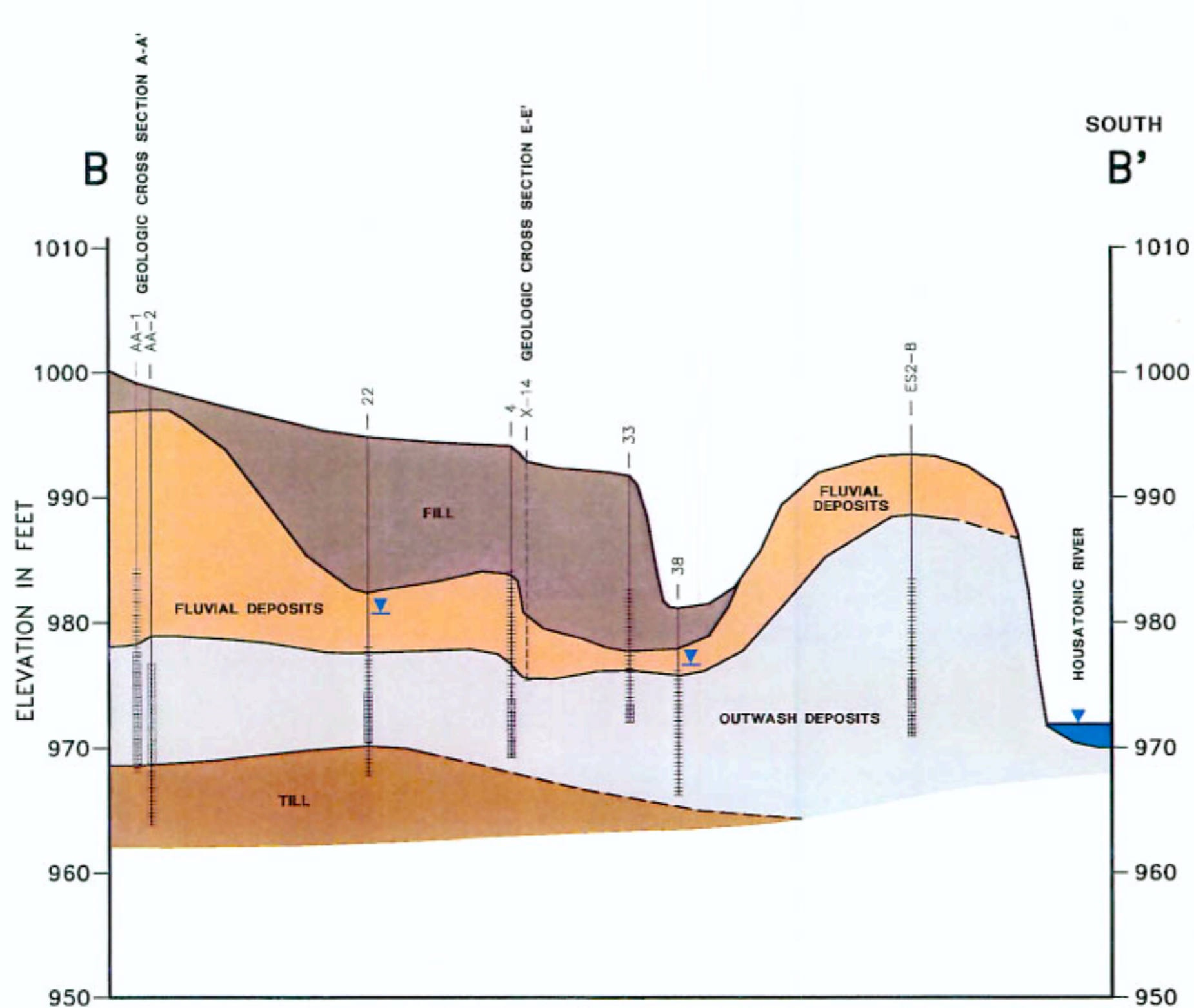
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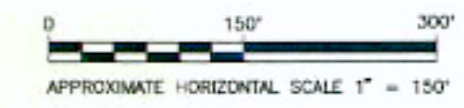
GEOLOGIC CROSS SECTION A-A'

FIGURE 4-3



- BROWN-BLACK, POORLY SORTED HETEROGENEOUS FILL
- BROWN, LOOSE, SILTY SAND WITH LENSES OF COBBLE GRAVEL - FLUVIAL DEPOSITS
- GRAY, LOOSE, WELL SORTED, COARSE SAND AND PEBBLE GRAVEL - OUTWASH DEPOSITS
- BROWN MEDIUM DENSE SILT WITH EMBEDDED FINE GRAVEL - TILL
- BROWN, VERY DENSE SILT WITH EMBEDDED COBBLES AND BOULDERS - TILL

- NOTES:**
1. GEOLOGIC CROSS SECTIONS PREPARED FROM BORING LOGS FOR WELLS AA-1, 22, 33, 38, ES2-B AND BORING X-14 AND FROM GERAGHTY & MILLER, INC. 90 DAY STATUS REPORT FOR EAST STREET AREAS 1 & 2, AUGUST 1981.
 2. OBSERVATIONS OF OIL STAINING WERE OBTAINED DURING BORING INSTALLATION.
 3. LOCATION OF CROSS SECTION ILLUSTRATED ON FIGURE 4-2.



B/L

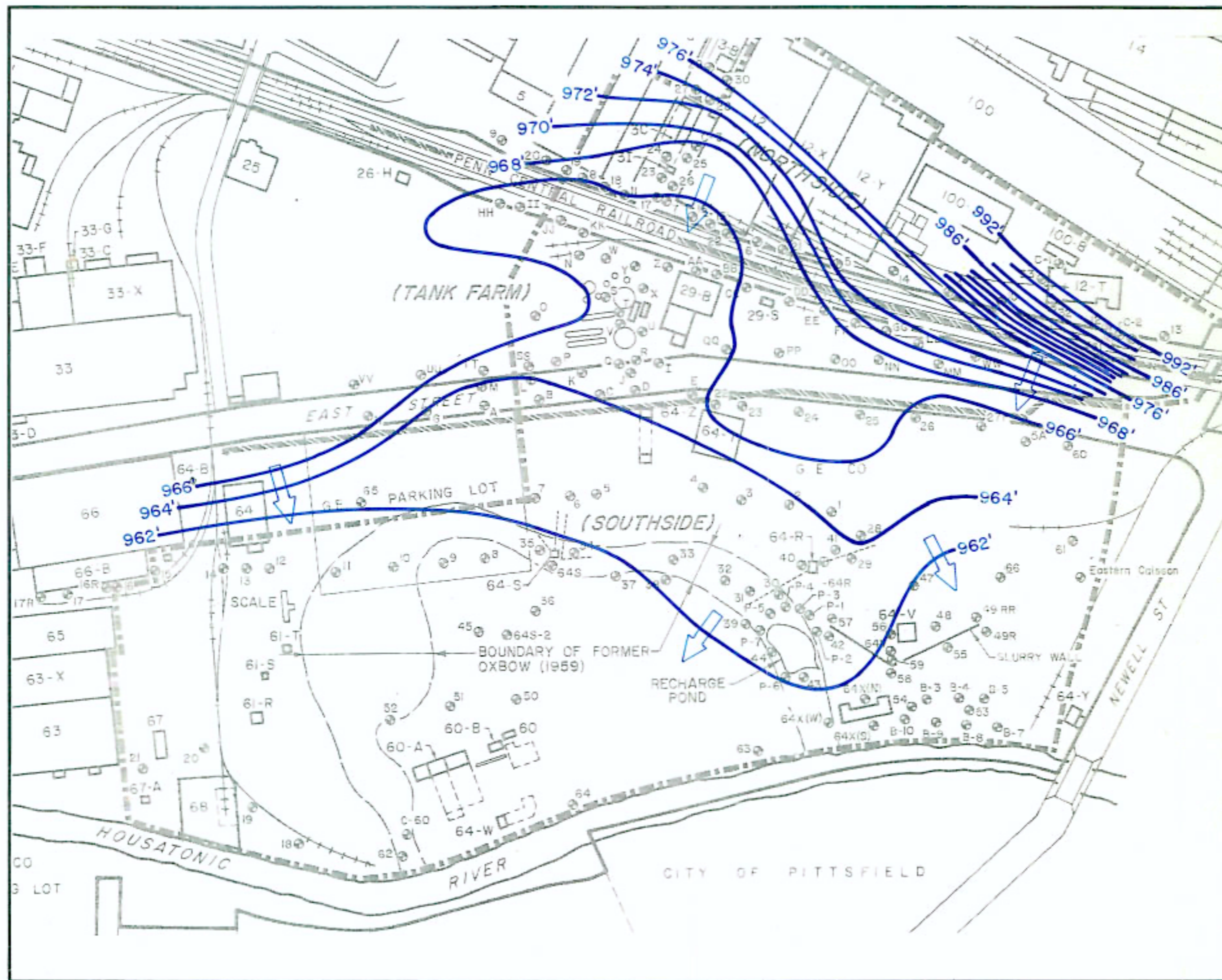
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GEOLOGIC CROSS SECTION B-B' FIGURE 4-4

FIGURE 4-5



LEGEND

● MONITORING WELL

— 976' GROUND-WATER CONTOUR ELEVATION LINE

➔ DIRECTION OF GROUND-WATER FLOW

NOTES:

1. BASE MAP REFLECTS SITE CONDITIONS AS OF MAY 1990, NOT ALL FEATURES WERE PRESENT IN OCTOBER, 1992. RECOVERY SYSTEMS 64-V, 64-X, 64-S, AND 64-R NOT IN OPERATION. SLURRY WALL WAS NOT CONSTRUCTED.
2. CONTOURS REFLECT DATUM USED PRIOR TO 1988 WHICH WAS 11.3 FEET BELOW MEAN SEA LEVEL.

SCALE:



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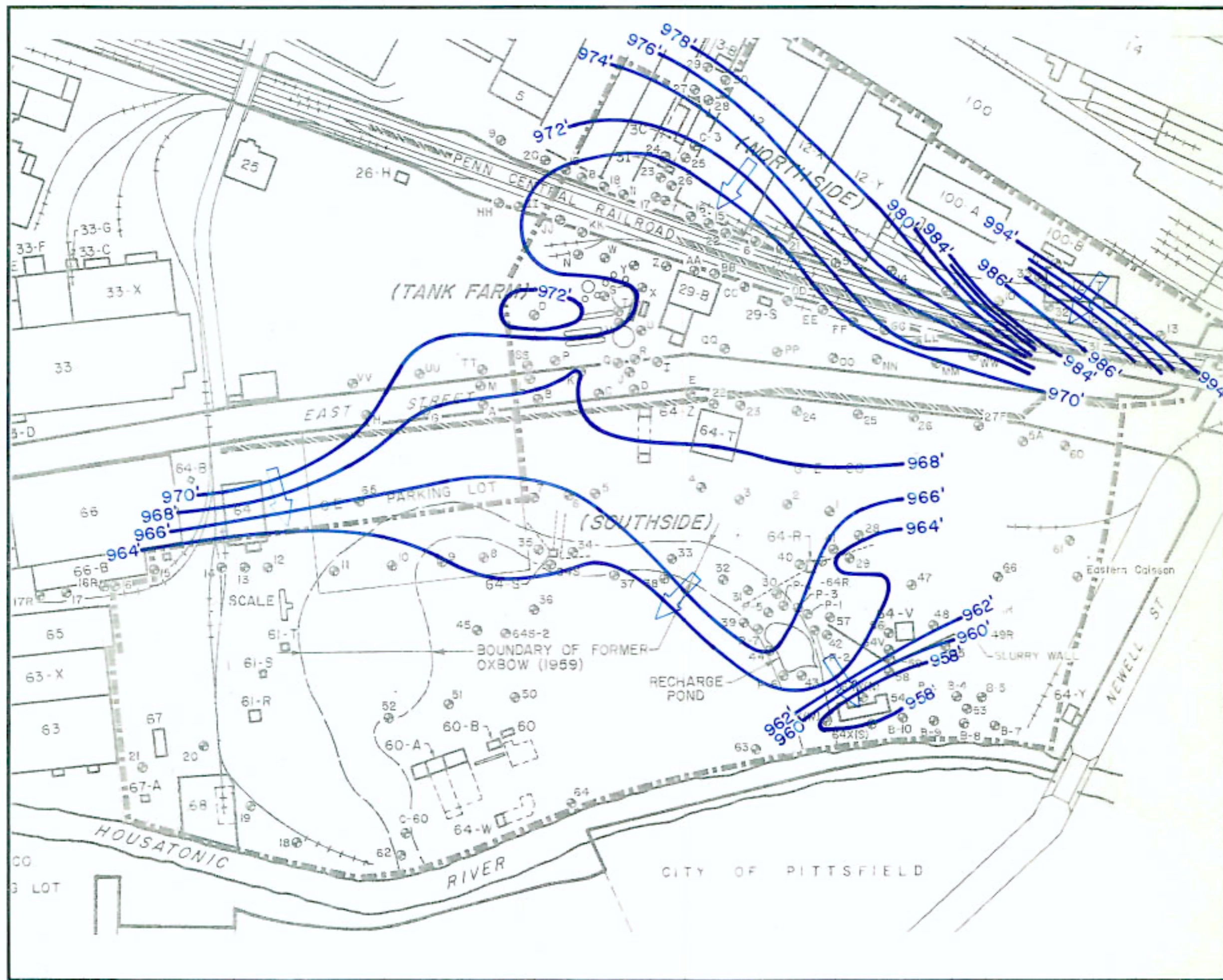
MCP INTERIM PHASE II REPORT FOR
EAST STREET AREA 2 AND CURRENT
ASSESSMENT SUMMARY FOR USEPA
AREA 4

GROUND-WATER CONTOUR
MAP OCTOBER 1982



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FIGURE 4-6



LEGEND

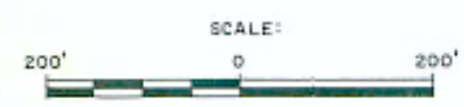
⊙ MONITORING WELL

— 986' — GROUND-WATER CONTOUR ELEVATION LINE

➔ DIRECTION OF GROUND-WATER FLOW

NOTES:

1. BASE MAP REFLECTS SITE CONDITIONS AS OF MAY 1990. NOT ALL FEATURES WERE PRESENT IN APRIL, 1986. RECOVERY SYSTEM 64-V AND SLURRY WALL WERE NOT CONSTRUCTED.
2. CONTOURS REFLECT DATUM USED PRIOR TO 1988 WHICH WAS 11.3 FEET BELOW MEAN SEA LEVEL.



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PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR
EAST STREET AREA 2 AND CURRENT
ASSESSMENT SUMMARY FOR USEPA
AREA 4

GROUND-WATER CONTOUR
MAP APRIL 1986



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FIGURE 4-7



LEGEND

○ MONITORING WELL

— 996' GROUND-WATER CONTOUR ELEVATION LINE

➔ DIRECTION OF GROUND-WATER FLOW

NOTE: BASE MAP REFLECTS SITE CONDITIONS AS OF MAY 1990, NOT ALL FEATURES WERE PRESENT IN OCTOBER, 1989.



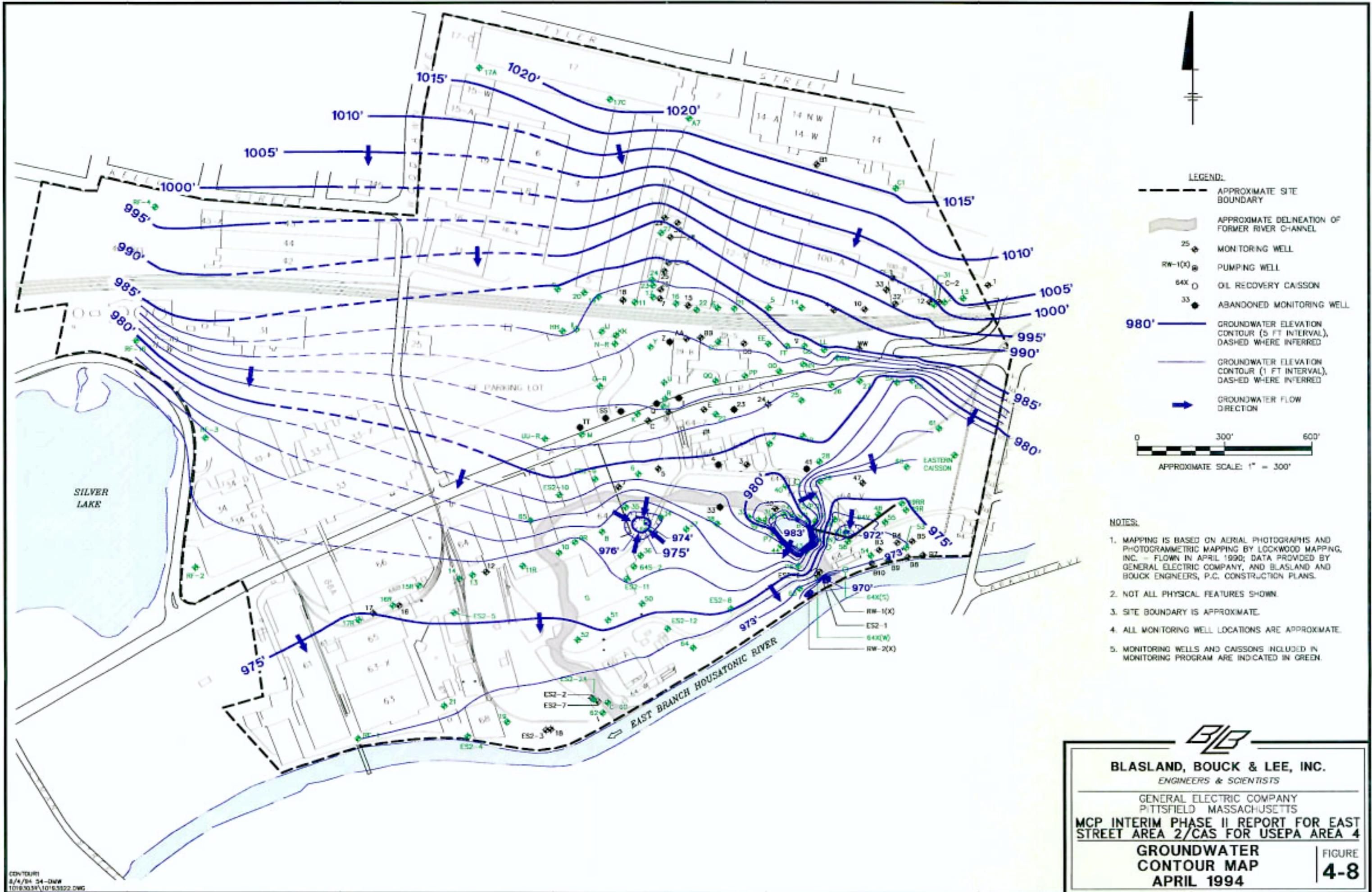
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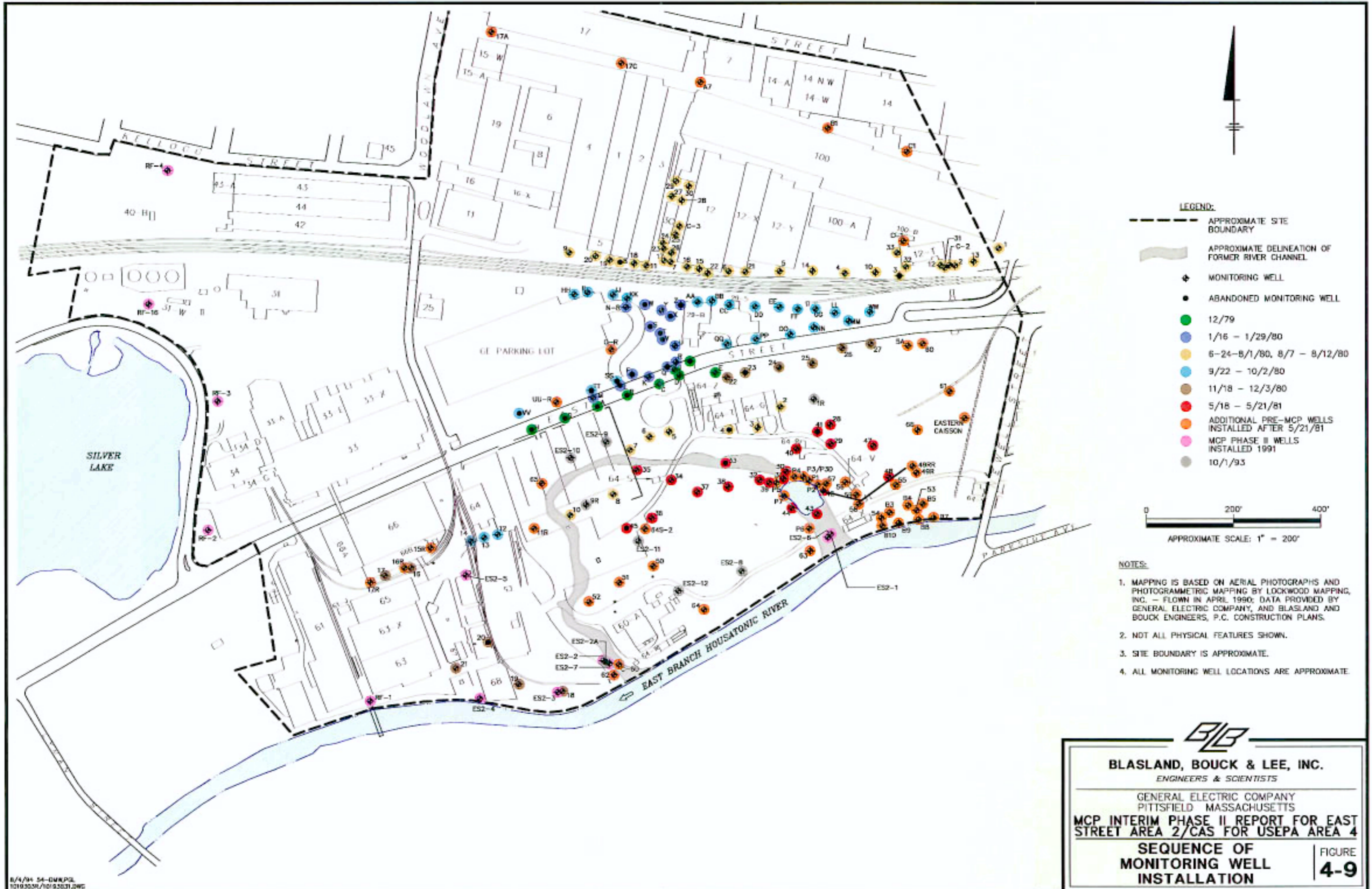
MCP INTERIM PHASE II REPORT FOR
EAST STREET AREA 2 AND CURRENT
ASSESSMENT SUMMARY FOR USEPA
AREA 4

GROUND-WATER CONTOUR
MAP OCTOBER 1989



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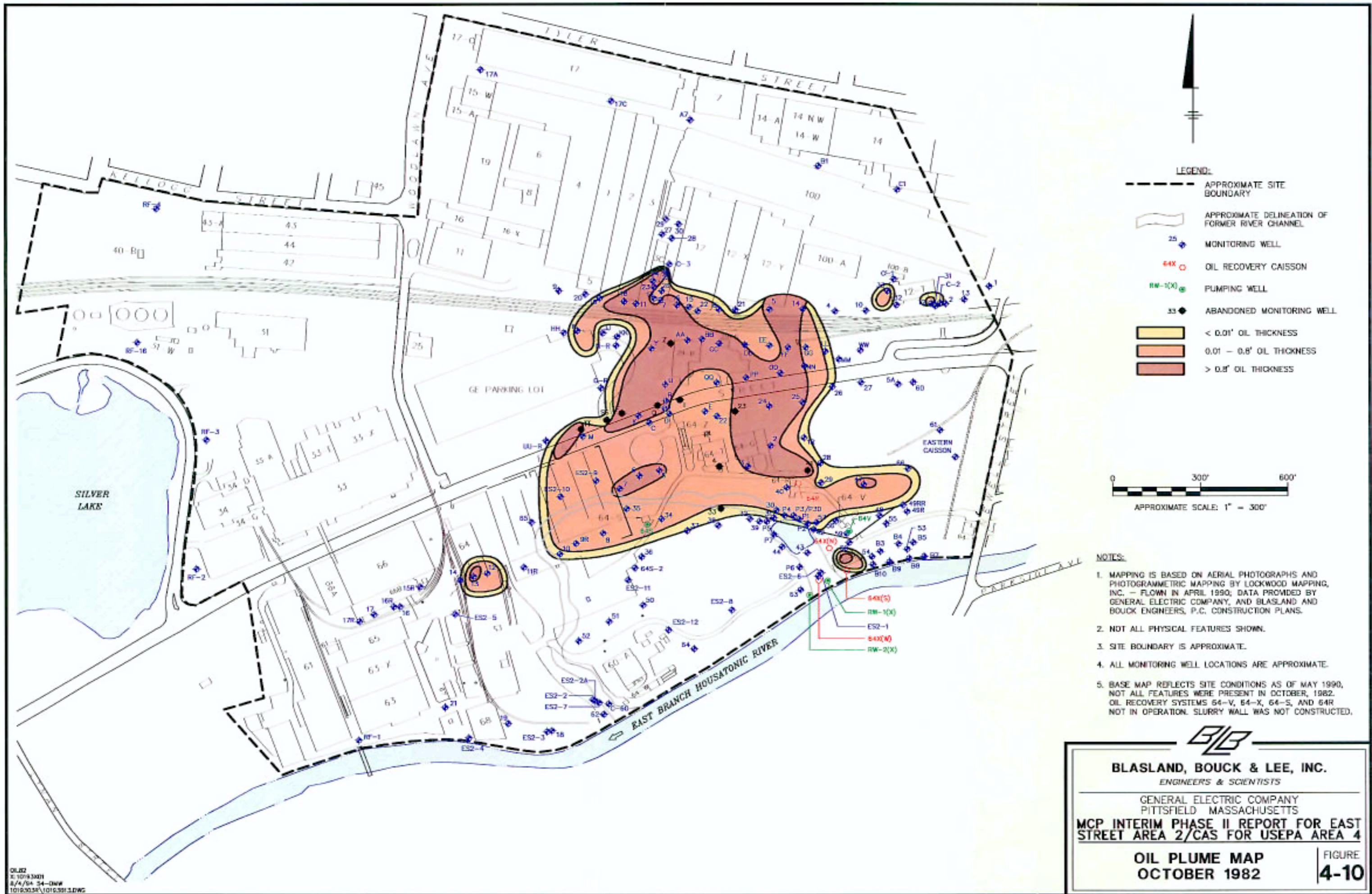
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PITTSFIELD MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

SEQUENCE OF MONITORING WELL INSTALLATION

FIGURE
4-9



- LEGEND:**
- APPROXIMATE SITE BOUNDARY
 - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
 - 25 ◆ MONITORING WELL
 - 64X ○ OIL RECOVERY CAISSON
 - RW-1(X) ● PUMPING WELL
 - 33 ◆ ABANDONED MONITORING WELL
 - Yellow box < 0.01' OIL THICKNESS
 - Orange box 0.01 - 0.8' OIL THICKNESS
 - Red box > 0.8' OIL THICKNESS



- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARY IS APPROXIMATE.
 4. ALL MONITORING WELL LOCATIONS ARE APPROXIMATE.
 5. BASE MAP REFLECTS SITE CONDITIONS AS OF MAY 1990, NOT ALL FEATURES WERE PRESENT IN OCTOBER, 1982. OIL RECOVERY SYSTEMS 64-V, 64-X, 64-S, AND 64R NOT IN OPERATION. SLURRY WALL WAS NOT CONSTRUCTED.

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OIL PLUME MAP
OCTOBER 1982

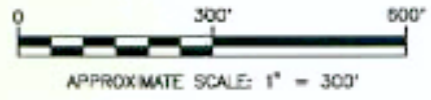
FIGURE
4-10

DL02
E: 10/9/82
8/4/84 54-DNW
10183038\10163813.DWG



LEGEND:

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
- ◆ 25 MONITORING WELL
- 64X OIL RECOVERY CAISSON
- RW-1(X) PUMPING WELL
- 33 ABANDONED MONITORING WELL
- < 0.01' OIL THICKNESS
- 0.01 - 0.8' OIL THICKNESS
- > 0.8' OIL THICKNESS



NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL MONITORING WELL LOCATIONS ARE APPROXIMATE.
5. BASE MAP REFLECTS SITE CONDITIONS AS OF MAY 1990. NOT ALL FEATURES WERE PRESENT IN APRIL 1986. OIL RECOVERY SYSTEM 64-V AND SLURRY WALL WERE NOT CONSTRUCTED.
6. APPARENT OIL THICKNESS CONTOURS ARE DASHED WHERE INFERRED.



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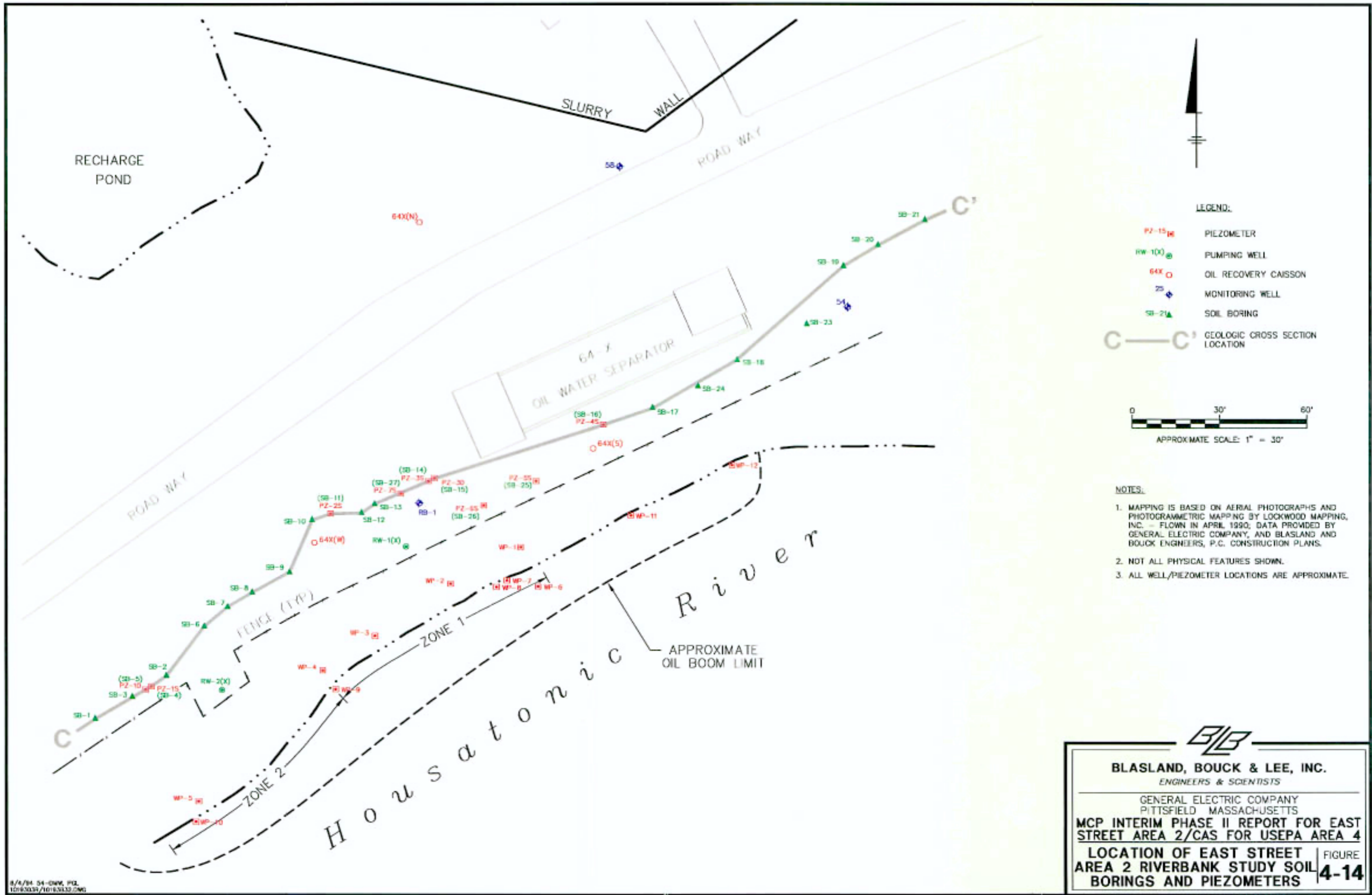
OIL PLUME MAP
APRIL 1986

FIGURE
4-11

12.00
C-10183001
6/4/94 54-DW
10183001.DWG







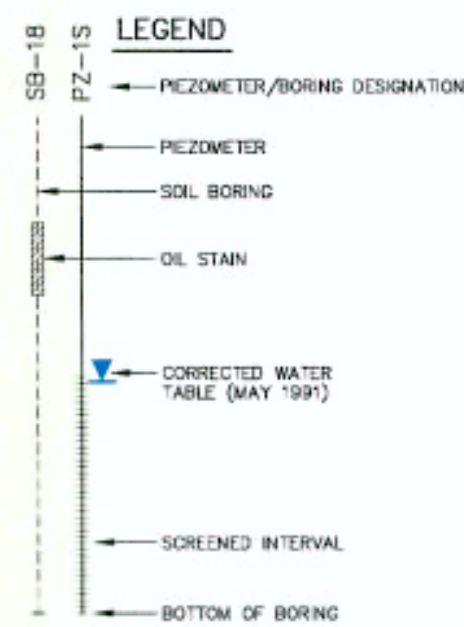
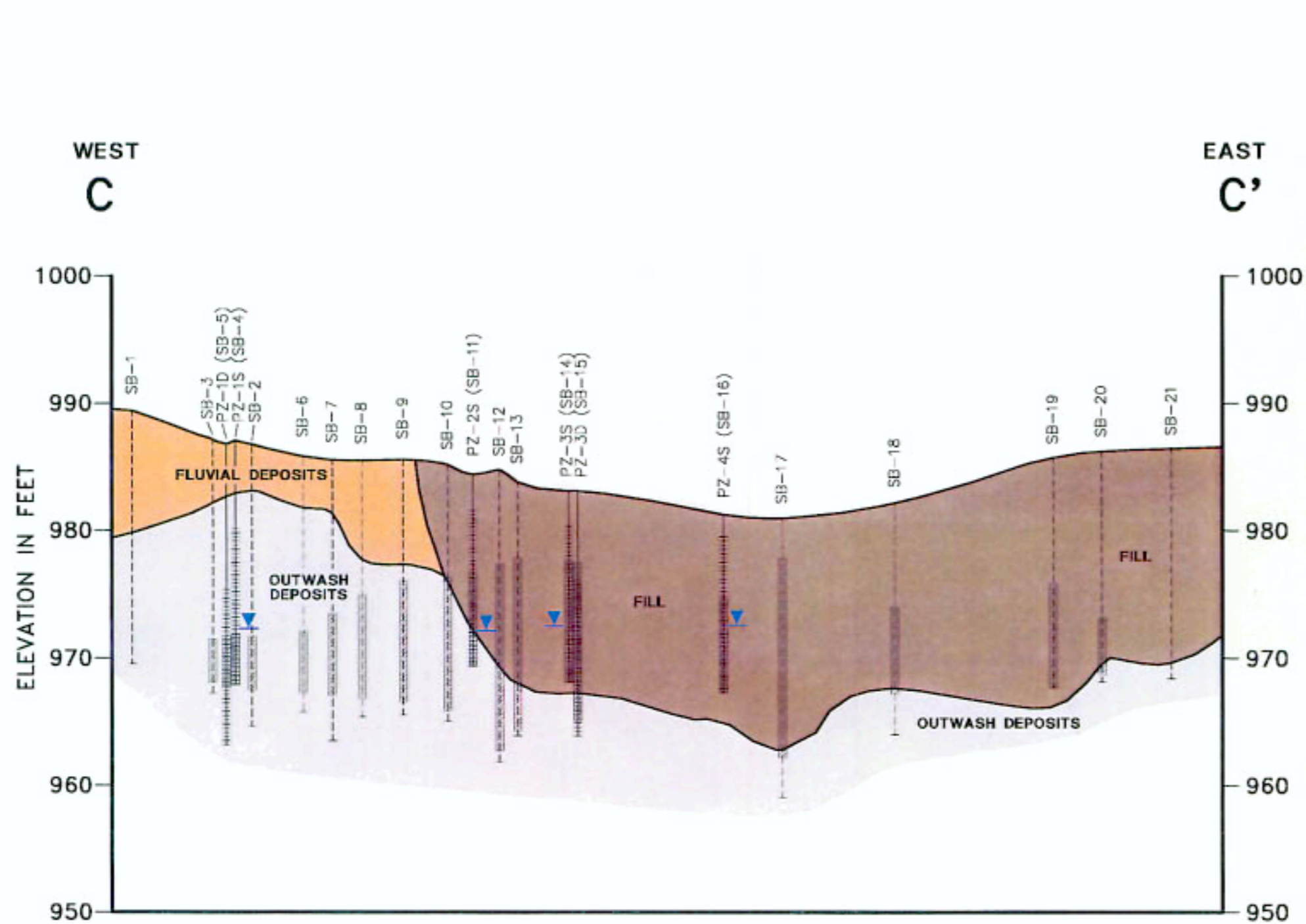
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LOCATION OF EAST STREET AREA 2 RIVERBANK STUDY SOIL BORINGS AND PIEZOMETERS

FIGURE 4-14



- BROWN-BLACK, POORLY SORTED HETEROGENEOUS FILL
- BROWN, LOOSE, MEDIUM TO COARSE SAND - FLUVIAL DEPOSITS
- GRAY, LOOSE, WELL SORTED, COARSE SAND AND PEBBLE GRAVEL - OUTWASH DEPOSITS

- NOTES:**
1. GEOLOGIC CROSS SECTION PREPARED FROM BORING LOGS.
 2. LOCATION OF CROSS SECTION ILLUSTRATED ON FIGURE 4-2 AND 4-14.
 3. OBSERVATIONS OF OIL STAINING WERE OBTAINED DURING BORING INSTALLATION.

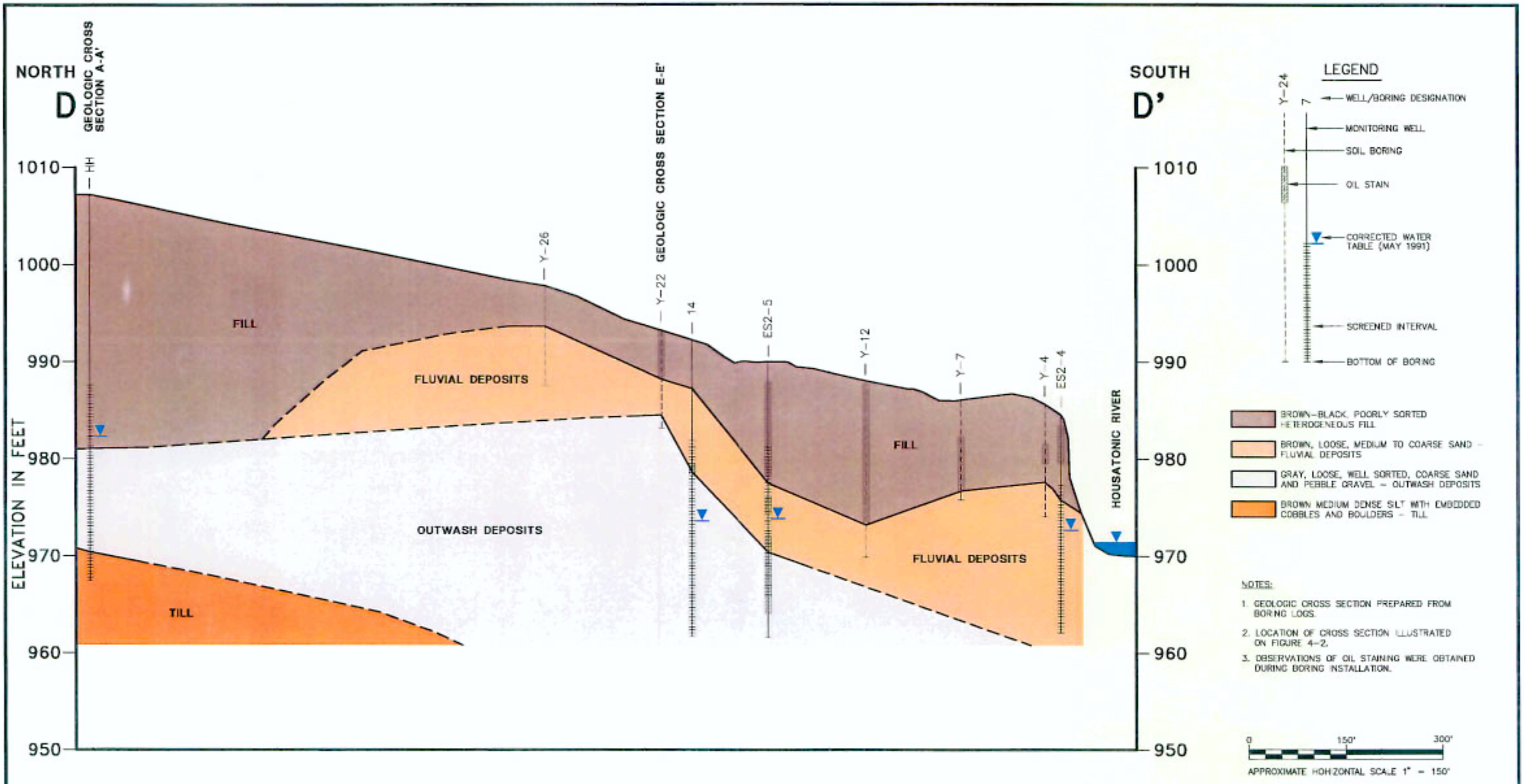


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GEOLOGIC CROSS SECTION C-C' **FIGURE 4-15**



B/L

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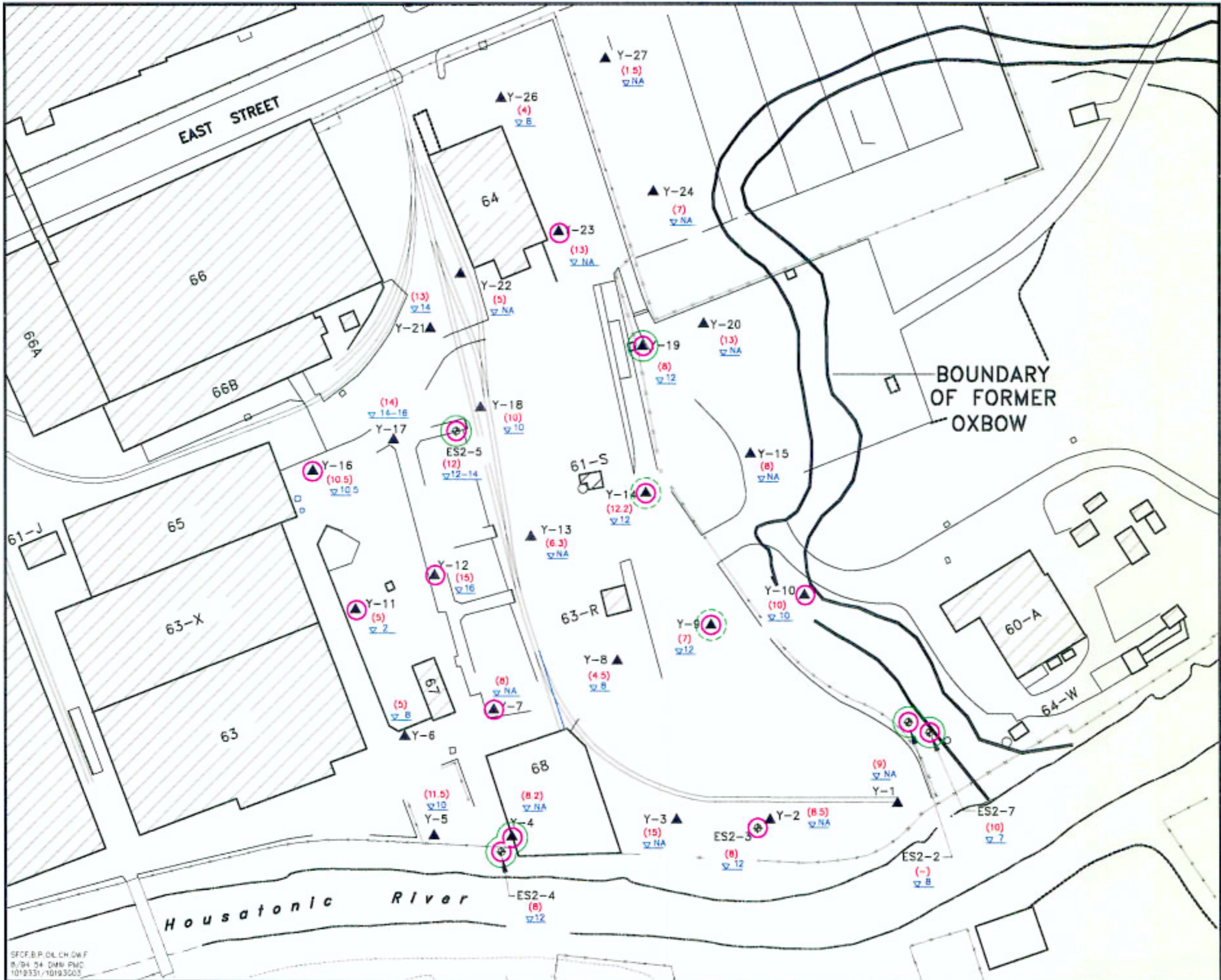
GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

GEOLOGIC CROSS SECTION D-D'

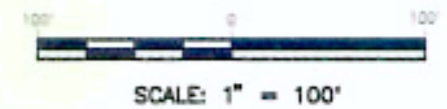
FIGURE
4-16

FIGURE 4-17



LEGEND

- ▲ MCP SOIL BORING
- ◆ MCP MONITORING WELL
- (13) DEPTH OF FILL (FT)
(-) = FILL NOT ENCOUNTERED
- ▽13 DEPTH TO GROUND-WATER IN FEET, 6 & 7/91 (APPROX)
NA = GROUND-WATER NOT ENCOUNTERED
- BLACK STAINING/OIL
- PETROLEUM ODOR
- CHEMICAL ODOR



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT
FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT
SUMMARY FOR USEPA AREA 4

SOIL/FILL
CHARACTERIZATION
SCRAP YARD



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SFCF.BP.DL.CH.DWF
8/94 54 DMS PWD
1019331/1019303

FIGURE 4-18



LEGEND

- ▲ MCP SOIL BORING
- ⊕ MCP MONITORING WELL

DISTRIBUTION OF ORGANIC COMPOUNDS (ppm)

2-4 FT	SAMPLE INTERVAL
ND	TOTAL VOLATILES (ppm)
32.3	TOTAL SEMIVOLATILES (ppm)
ND	NOT DETECTED

NOTE: VOLATILE AND SEMIVOLATILE CONCENTRATIONS ARE FOR THE SAMPLE INTERVAL LISTED



SCALE: 1" = 100'

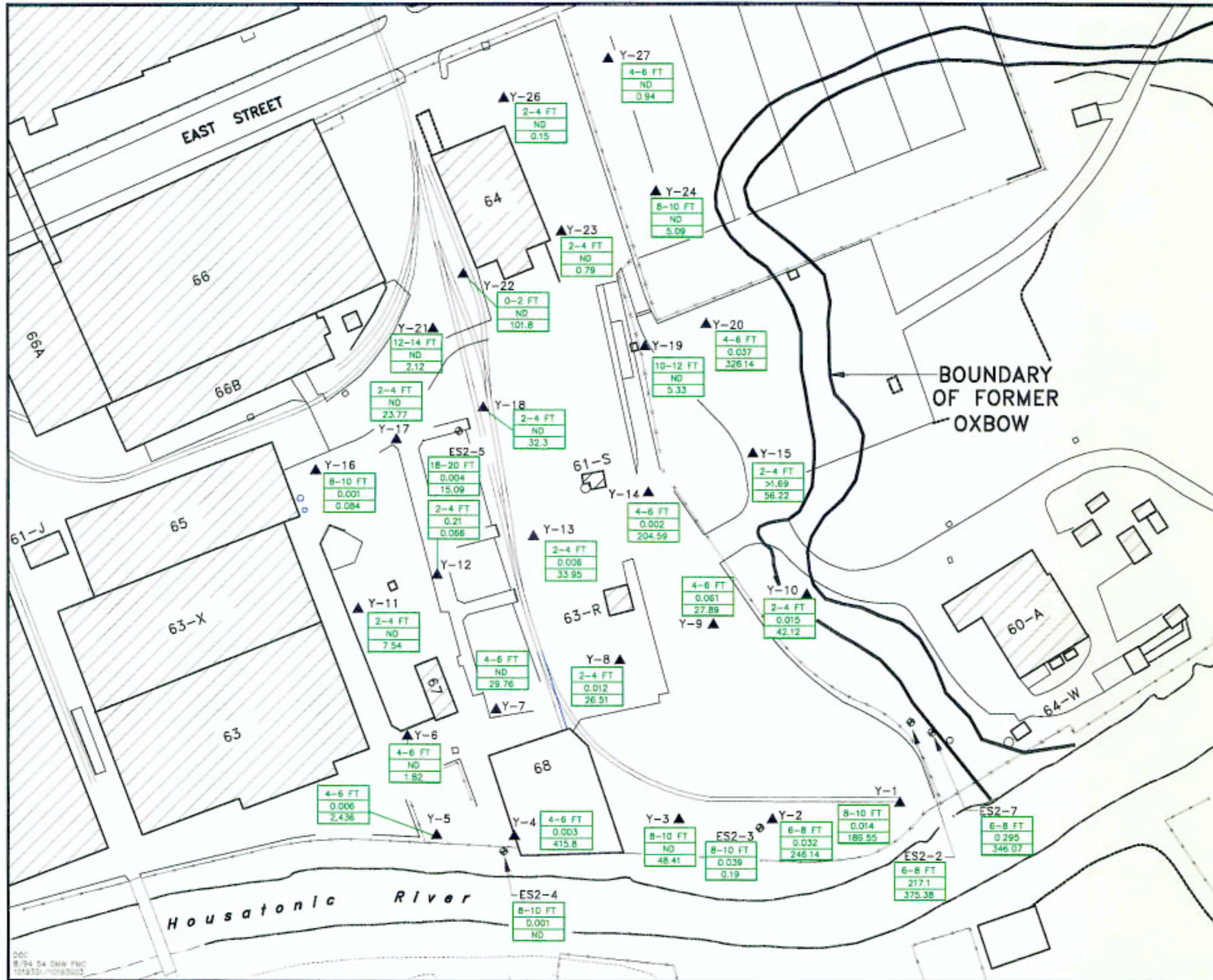
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PITTSFIELD, MASSACHUSETTS

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AND CURRENT ASSESSMENT
SUMMARY FOR USEPA AREA 4

SOIL/FILL
DISTRIBUTION OF
ORGANIC COMPOUNDS
SCRAP YARD

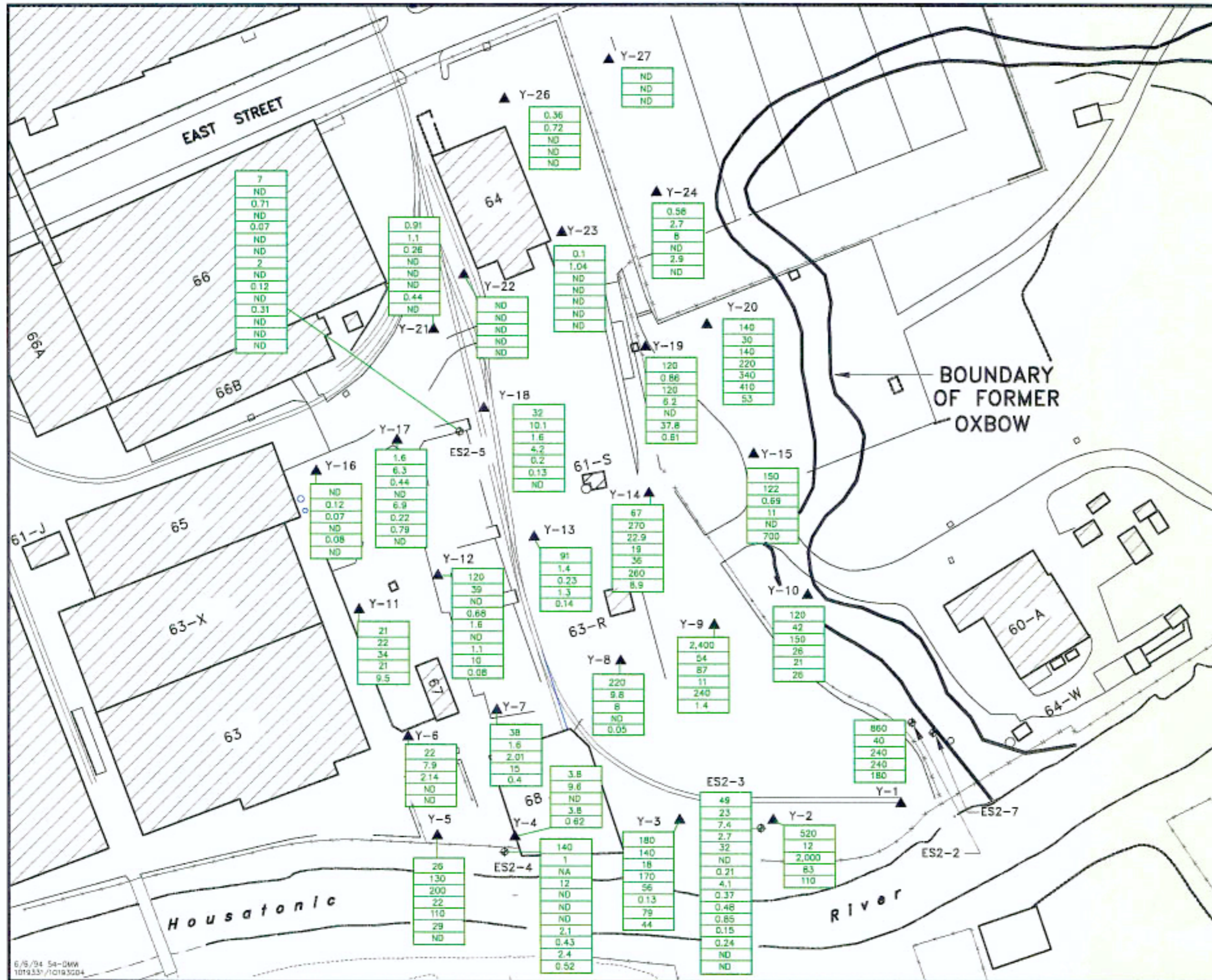


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10/93/10/18/2003

FIGURE 4-19



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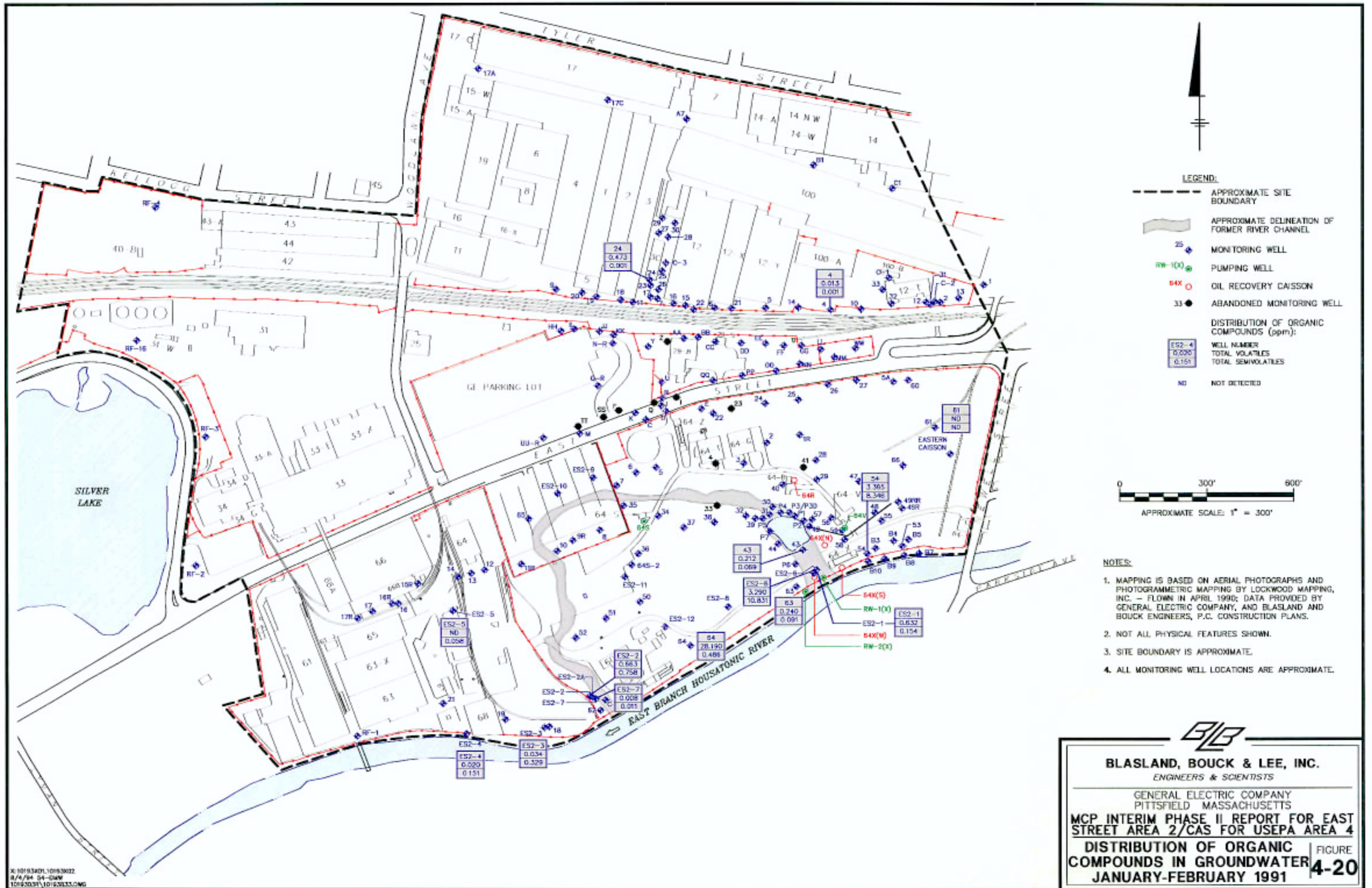
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AND CURRENT ASSESSMENT
SUMMARY FOR USEPA AREA 4

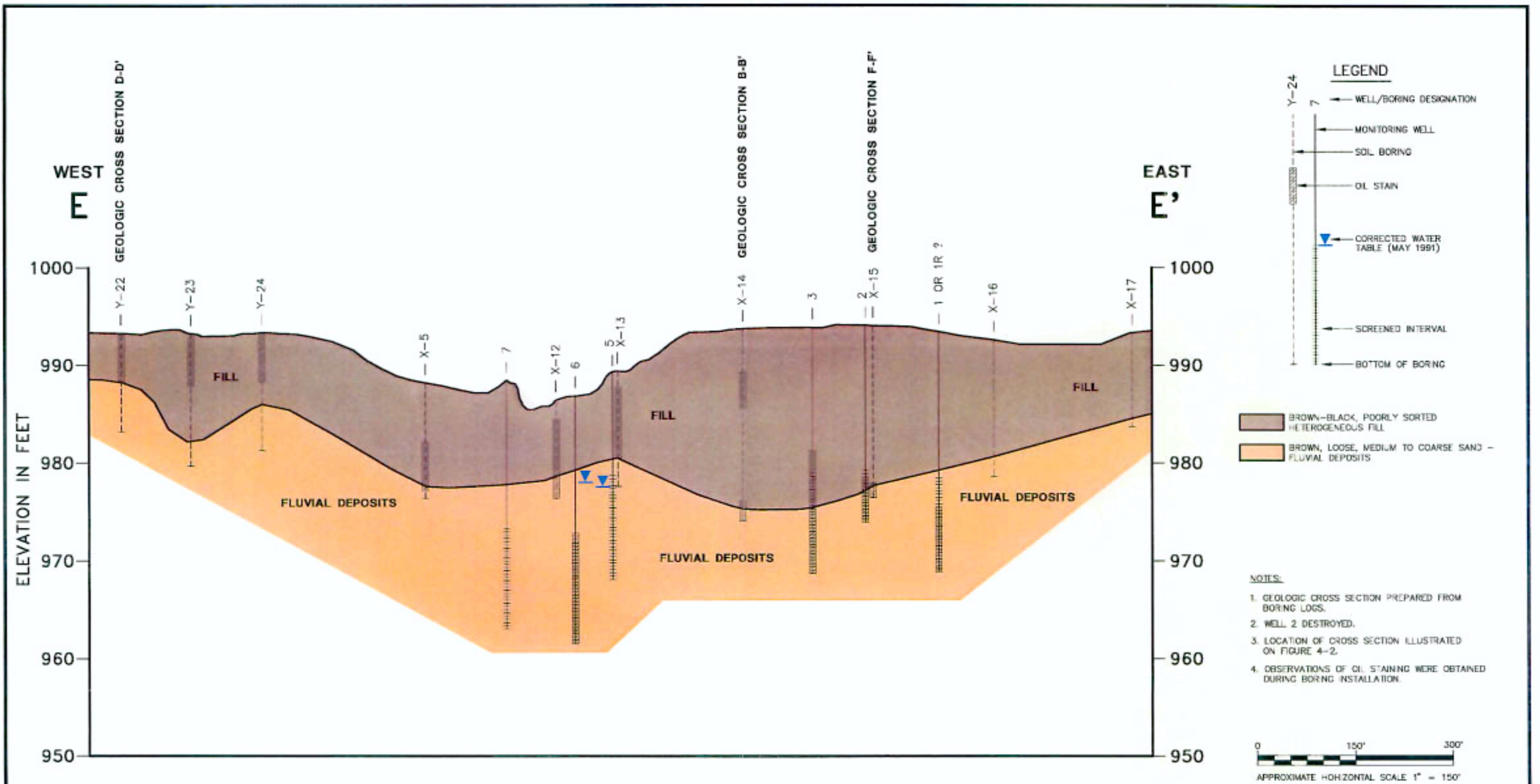
**SOIL/FILL
DISTRIBUTION OF
TOTAL PCBs
SCRAP YARD**



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1019.531/1019.504



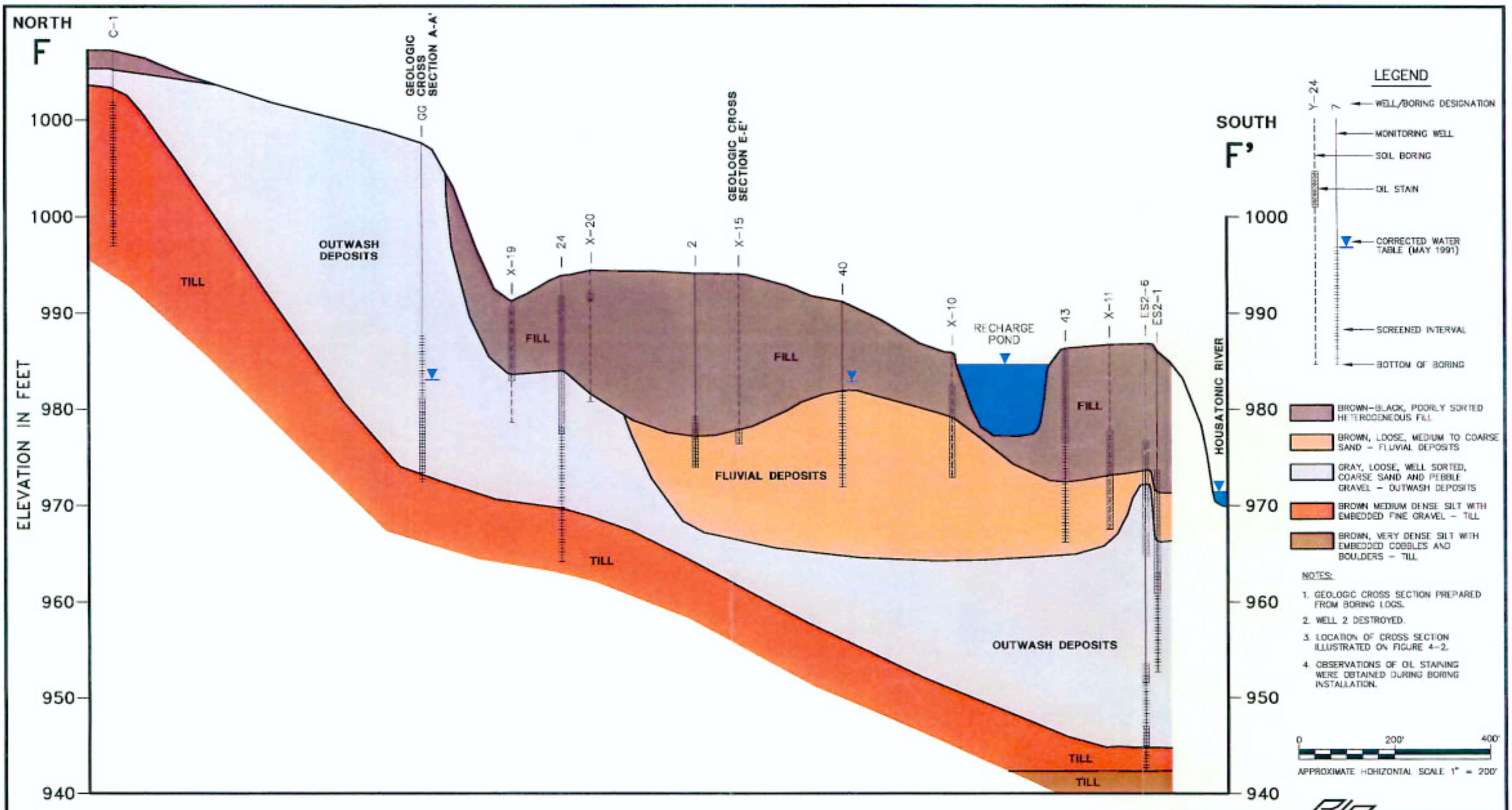


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MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

GEOLOGIC CROSS SECTION E-E' FIGURE 4-21



B/L

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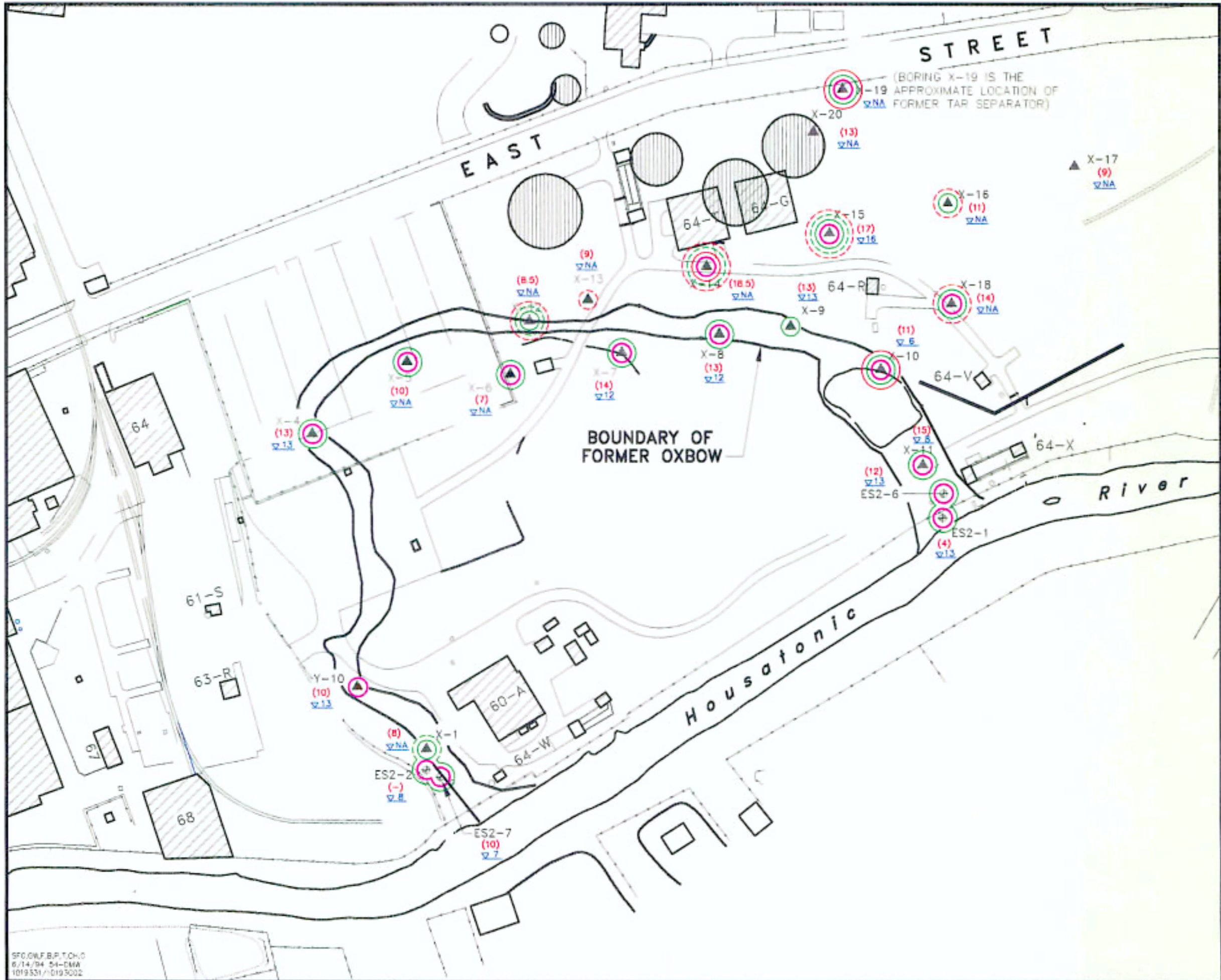
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PITTSFIELD MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

GEOLOGIC CROSS SECTION F-F'

FIGURE
4-22

FIGURE 4-23



LEGEND

- ▲ MCP SOIL BORING
- ⊕ MCP MONITORING WELL
- (13) DEPTH OF FILL (FT)
(-) = FILL NOT ENCOUNTERED
- ▽13 DEPTH TO GROUND-WATER IN FEET, 6 & 7/91 (APPROX)
NA = GROUND-WATER NOT ENCOUNTERED
- BLACK STAINING/OIL
- PETROLEUM ODOR
- COAL TAR
- CHEMICAL ODOR
- COAL/CLINDERS
- APPROXIMATE LOCATIONS OF THE FORMER BERKSHIRE GAS FACILITY



SCALE: 1" = 150'

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MCP INTERIM PHASE II REPORT
FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT
SUMMARY FOR USEPA AREA 4

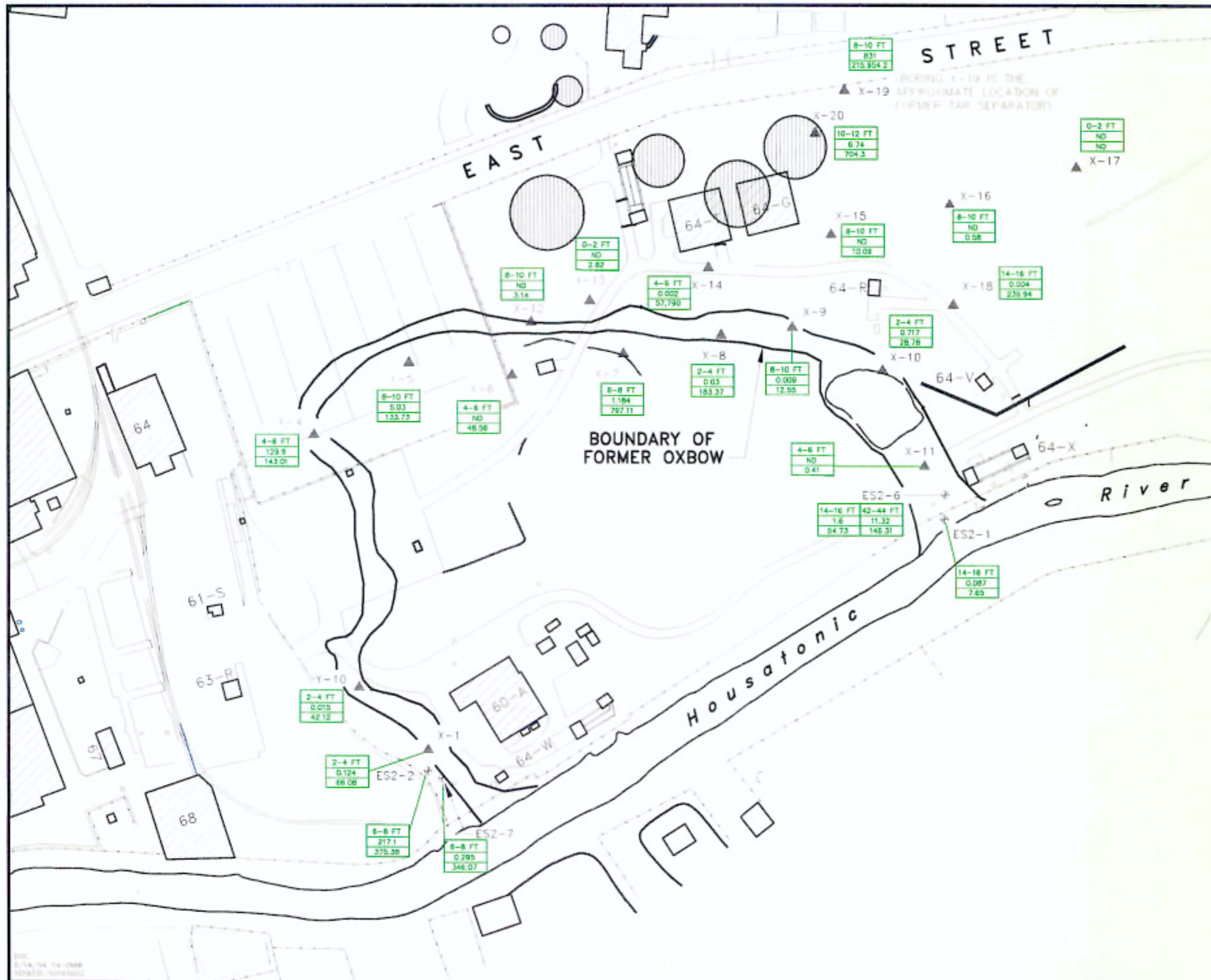
**SOIL/FILL
CHARACTERIZATION
OXBOW AND GAS PLANT**



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SFC,OWF,B.P.T,OH:O
6/14/94 54-CMA
1019.531/1019.3002

FIGURE 4-24



LEGEND

- ▲ MCP SOIL BORING
- ⊕ MCP MONITORING WELL

DISTRIBUTION OF ORGANIC COMPOUNDS (ppm)

8-10 FT	NO	0.58
NO	NO	NO
0-2 FT	NO	NO

SAMPLE INTERVAL
TOTAL VOLATILES
TOTAL SEMI-VOLATILES

ND NOT DETECTED



APPROXIMATE LOCATIONS
OF THE FORMER BERTSHIRE GAS
FACILITY

NOTE: VOLATILE AND SEMI-VOLATILE CONCENTRATIONS
ARE FOR THE SAMPLE INTERVAL LISTED



SCALE: 1" = 150'

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MCP INTERIM PHASE II REPORT
FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT
SUMMARY FOR USEPA AREA 4

**SOIL/FILL
DISTRIBUTION OF
ORGANIC COMPOUNDS
OXBOW AND GAS PLANT**

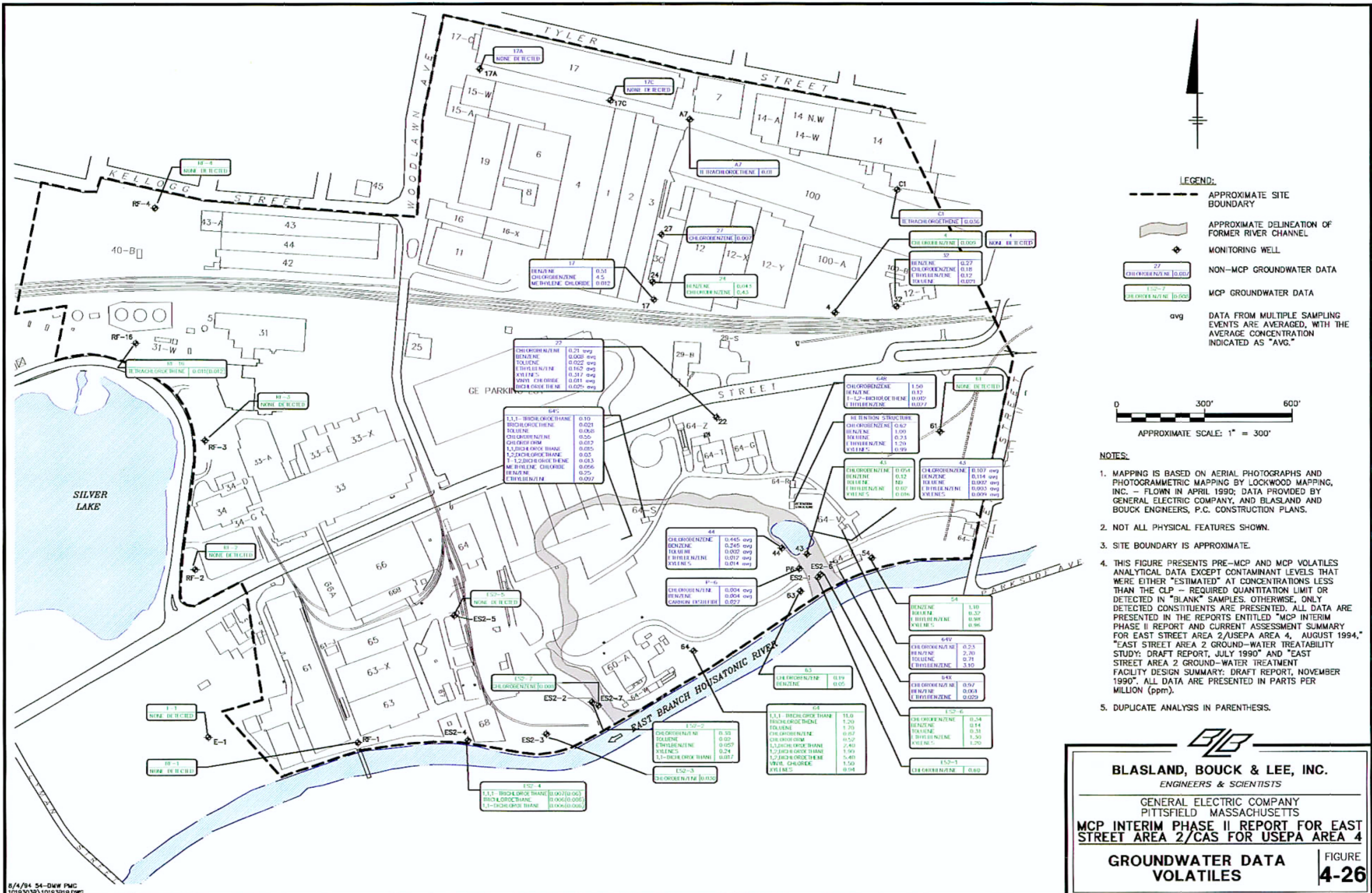


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FIGURE 4-25



8/13/98 14-0000
REVISED: 10/19/98



LEGEND:

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
- MONITORING WELL
- NON-MCP GROUNDWATER DATA
- MCP GROUNDWATER DATA
- avg DATA FROM MULTIPLE SAMPLING EVENTS ARE AVERAGED, WITH THE AVERAGE CONCENTRATION INDICATED AS "AVG."



NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. THIS FIGURE PRESENTS PRE-MCP AND MCP VOLATILES ANALYTICAL DATA EXCEPT CONTAMINANT LEVELS THAT WERE EITHER "ESTIMATED" AT CONCENTRATIONS LESS THAN THE CLP - REQUIRED QUANTITATION LIMIT OR DETECTED IN "BLANK" SAMPLES. OTHERWISE, ONLY DETECTED CONSTITUENTS ARE PRESENTED. ALL DATA ARE PRESENTED IN THE REPORTS ENTITLED "MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR EAST STREET AREA 2/USEPA AREA 4, AUGUST 1994," "EAST STREET AREA 2 GROUND-WATER TREATABILITY STUDY: DRAFT REPORT, JULY 1990" AND "EAST STREET AREA 2 GROUND-WATER TREATMENT FACILITY DESIGN SUMMARY: DRAFT REPORT, NOVEMBER 1990". ALL DATA ARE PRESENTED IN PARTS PER MILLION (ppm).
5. DUPLICATE ANALYSIS IN PARENTHESIS.



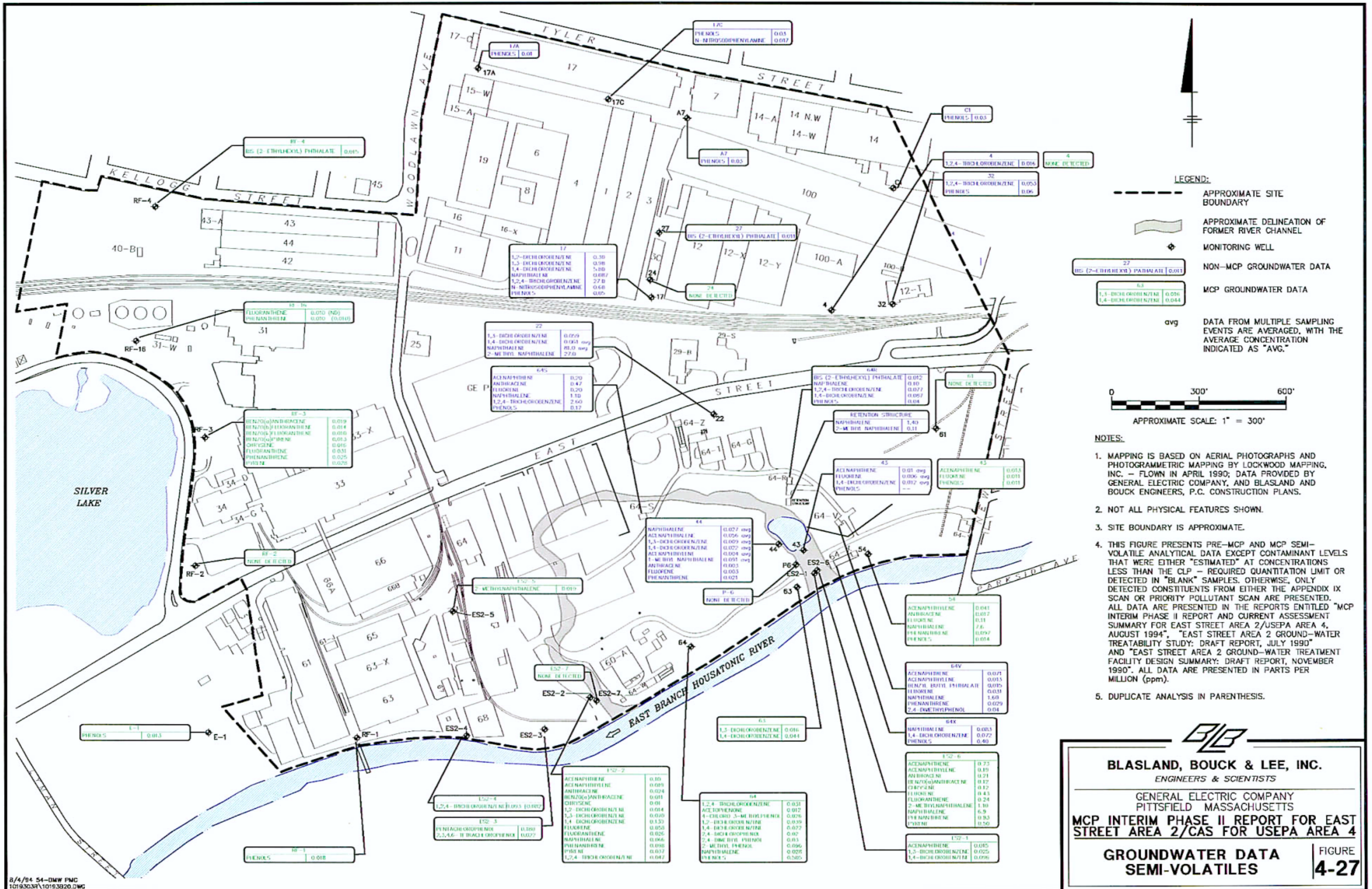
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MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

GROUNDWATER DATA VOLATILES

FIGURE 4-26



LEGEND:

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
- ⊕ MONITORING WELL
- NON-MCP GROUNDWATER DATA
- ▭ MCP GROUNDWATER DATA
- avg DATA FROM MULTIPLE SAMPLING EVENTS ARE AVERAGED, WITH THE AVERAGE CONCENTRATION INDICATED AS "AVG."

0 300' 600'

APPROXIMATE SCALE: 1" = 300'

- NOTES:**
- MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 - NOT ALL PHYSICAL FEATURES SHOWN.
 - SITE BOUNDARY IS APPROXIMATE.
 - THIS FIGURE PRESENTS PRE-MCP AND MCP SEMI-VOLATILE ANALYTICAL DATA EXCEPT CONTAMINANT LEVELS THAT WERE EITHER "ESTIMATED" AT CONCENTRATIONS LESS THAN THE CLP - REQUIRED QUANTIFICATION LIMIT OR DETECTED IN "BLANK" SAMPLES. OTHERWISE, ONLY DETECTED CONSTITUENTS FROM EITHER THE APPENDIX IX SCAN OR PRIORITY POLLUTANT SCAN ARE PRESENTED. ALL DATA ARE PRESENTED IN THE REPORTS ENTITLED "MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR EAST STREET AREA 2/USEPA AREA 4, AUGUST 1994", "EAST STREET AREA 2 GROUND-WATER TREATABILITY STUDY: DRAFT REPORT, JULY 1990" AND "EAST STREET AREA 2 GROUND-WATER TREATMENT FACILITY DESIGN SUMMARY: DRAFT REPORT, NOVEMBER 1990". ALL DATA ARE PRESENTED IN PARTS PER MILLION (ppm).
 - DUPLICATE ANALYSIS IN PARENTHESIS.

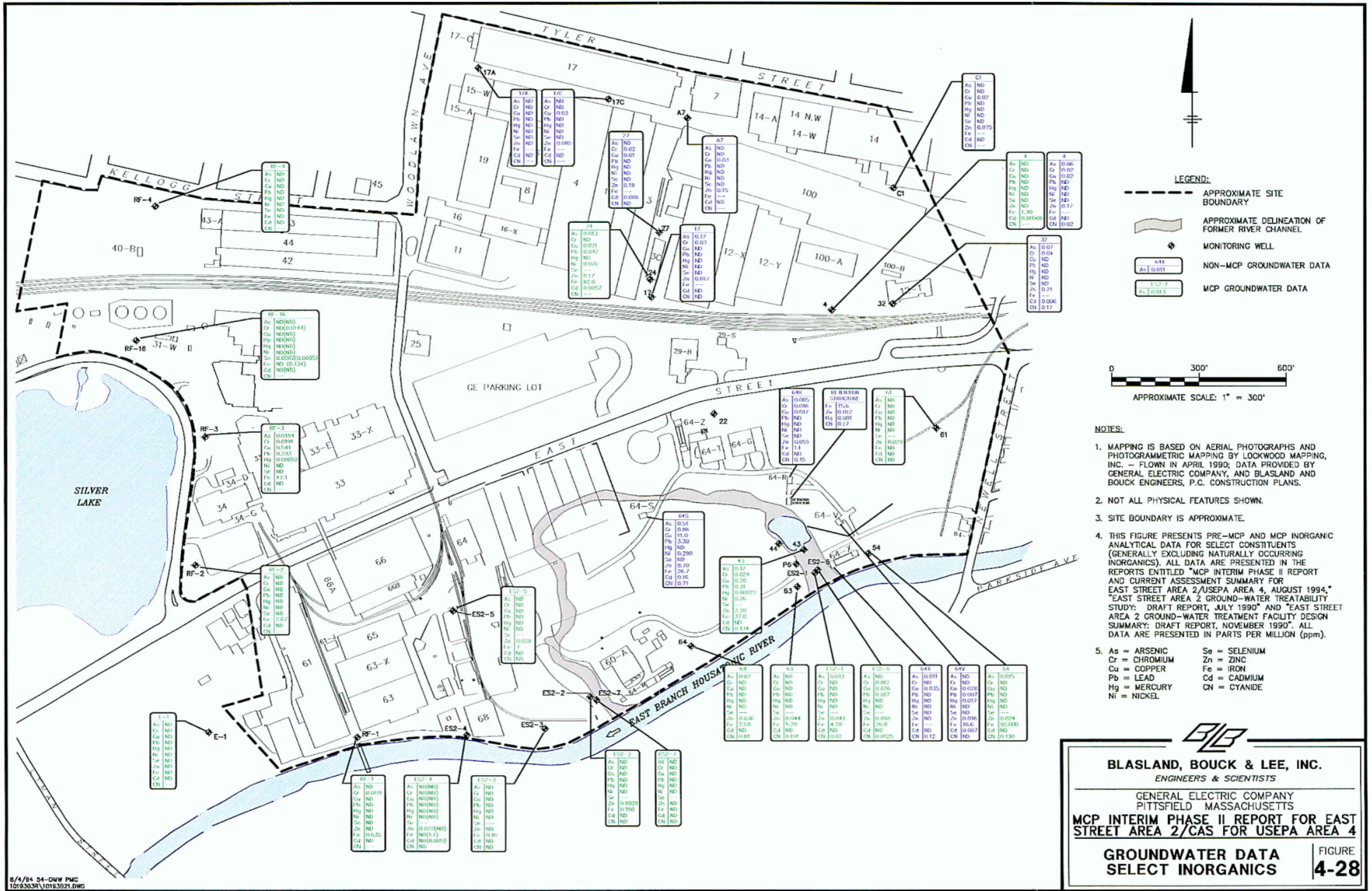
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MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4

GROUNDWATER DATA SEMI-VOLATILES

FIGURE 4-27



- LEGEND:**
- APPROXIMATE SITE BOUNDARY
 - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
 - ⊕ MONITORING WELL
 - NON-MCP GROUNDWATER DATA
 - MCP GROUNDWATER DATA

0 300' 600'

APPROXIMATE SCALE: 1" = 300'

- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARY IS APPROXIMATE.
 4. THIS FIGURE PRESENTS PRE-MCP AND MCP INORGANIC ANALYTICAL DATA FOR SELECT CONSTITUENTS (GENERALLY EXCLUDING NATURALLY OCCURRING INORGANICS). ALL DATA ARE PRESENTED IN THE REPORTS ENTITLED "MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR EAST STREET AREA 2/USEPA AREA 4, AUGUST 1994," "EAST STREET AREA 2 GROUND-WATER TREATABILITY STUDY: DRAFT REPORT, JULY 1990" AND "EAST STREET AREA 2 GROUND-WATER TREATMENT FACILITY DESIGN SUMMARY: DRAFT REPORT, NOVEMBER 1990". ALL DATA ARE PRESENTED IN PARTS PER MILLION (ppm).
 5. As = ARSENIC Se = SELENIUM
 Cr = CHROMIUM Zn = ZINC
 Cu = COPPER Fe = IRON
 Pb = LEAD Cd = CADMIUM
 Hg = MERCURY Ni = NICKEL
 CN = CYANIDE

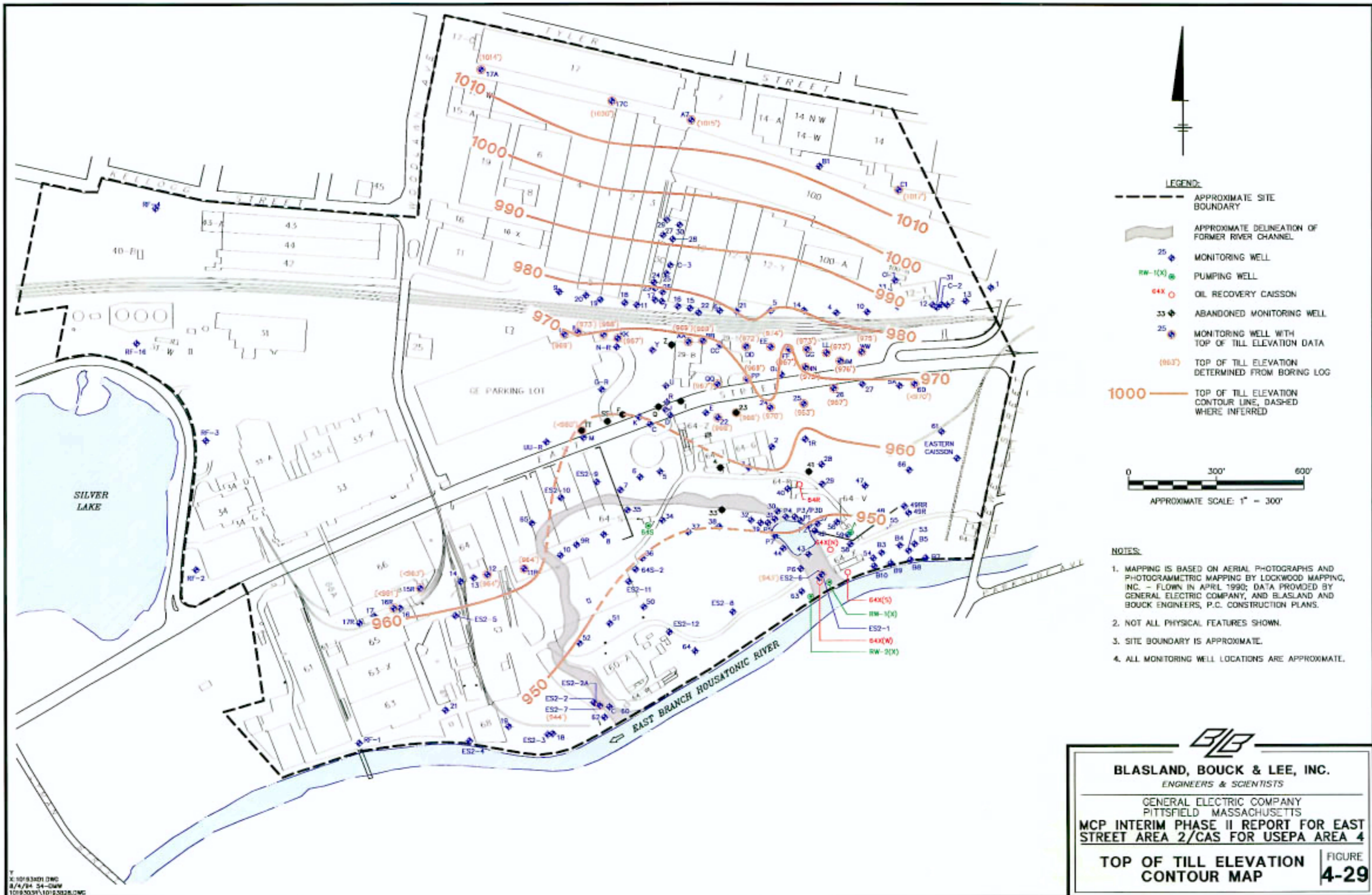
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MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4


GROUNDWATER DATA SELECT INORGANICS

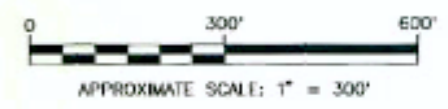
FIGURE 4-28





LEGEND:

-  APPROXIMATE SITE BOUNDARY
-  APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
-  HOUSATONIC RIVER SURFACE WATER AND SEDIMENT (APPENDIX IX + 3) SAMPLING LOCATION



NOTES:

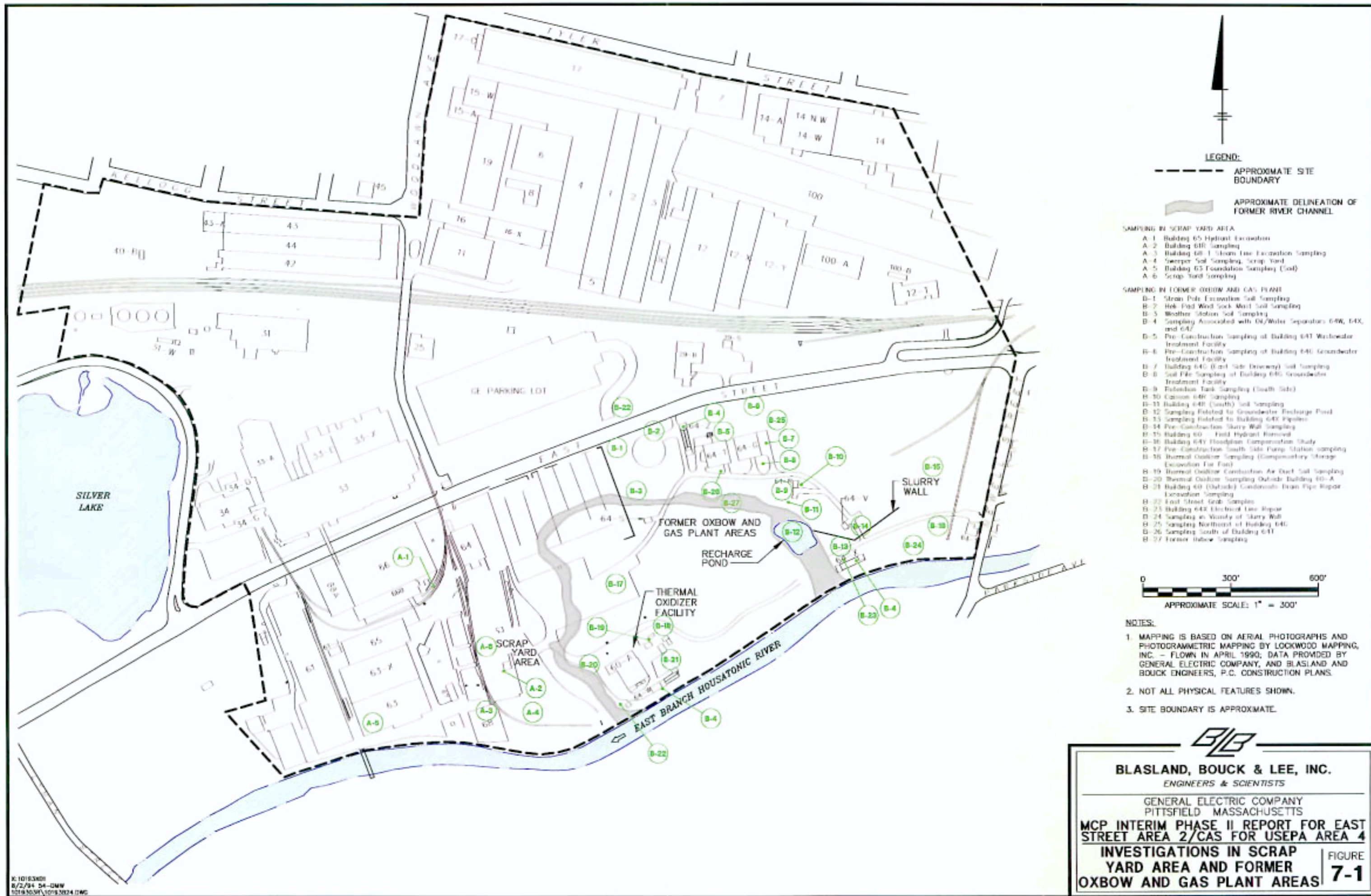
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. SAMPLING LOCATIONS ARE APPROXIMATE.



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MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2/CAS FOR USEPA AREA 4
MCP HOUSATONIC RIVER SURFACE WATER AND SEDIMENT SAMPLING LOCATIONS **FIGURE 5-1**

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 6/2/94 54-04W
 1019303W\10193036.DWG







LEGEND:

--- APPROXIMATE SITE BOUNDARY

--- APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL

SAMPLING IN REMAINDER OF EAST STREET AREA 2/USEPA AREA 4

- C-1 Building 40A Sump Water Sampling
- C-2 Building 41-1 Brick Wall (Plain Of Rows) Sampling
- C-3 Building 41-1 Concrete Floor (Foot and Heritage Area) Sampling
- C-4 Building 40A Sump (Concrete Floor) Sampling
- C-5 Slurry/Soluble Sampling from Building 41A-1 trench
- C-6 Red Lead Marble Residue Sampling at Building 41A
- C-7 Building 41A-1 First Lead Pit Sampling
- C-8 Building 41-1 Galvanizing Area Sampling
- C-9 Building 41A (Outside Last End) Waterman Shutoff Excavation Sampling
- C-10 Building 41A (Outside Last End) Waterman Shutoff Excavation Sampling
- C-11 Building 41-1 Air Pipe Excavation Sampling
- C-12 Building 41-1 Insulation/Sheeting (Last End and Building 41A-1 Concrete Floor) Sampling
- C-13 Building 41-1 Shot Blast Residue Sampling
- C-14 Building 41-1 Sampling
- C-15 Building 41-1 Sampling
- C-16 Building 41A USI Location Sampling
- C-17 Building 41-3 Waterline Excavation
- C-18 Building 41 Waterman Soil Sampling
- C-19 Building 42 (West Side) Sprinkler Excavation
- C-20 Building 31J Corral Trench Excavation
- C-21 Building 31W Oil/Water Separator Soil Sampling
- C-22 Building 31 (Outside) Waterline Close-Off Excavation
- C-23 Building 31 (West End Outside) Steam Line Soil Excavation Sampling
- C-24 Building 31 Water Curb Sampling
- C-25 Building 31 Soil Sampling (Africa)
- C-26 Building 36W Electrical Lines Trenching Excavation
- C-27 Storm Sewer Sampling
- C-28 Building 31 (Southwest Side) Steam Tunnel Entry Excavation
- C-29 Excavation Related to USI 31-01 Removal
- C-30 Building 33X (Northwest Side) Garment Link Removal
- C-31 Building 31 Condensation Enclosure Excavation
- C-32 Building 33X Waterline Close-Off
- C-33 Building 33X-1 Water Main Repair Excavation Sampling
- C-34 Building 34 (North Side) Indicator Installation
- C-35 Excavation Related to USI 34-01 Removal
- C-36 Building 34 Parking Lot Soil Sampling
- C-37 Building 61-1 (West Side) Waterman Repair Excavation Sampling
- C-38 Building 61 Colic Basin Sampling
- C-39 Building 66 (Outside West End) Sampling
- C-40 Building 63 Concrete Pad Removal Sampling
- C-41 Excavation Related to USI 64-01 Removal
- C-42 Building 35-1 (East Side) Waterline Excavation
- C-43 Installation of New Gate at Building 64
- C-44 Excavation for Parking Lot Sampling
- C-45 41 Parking Lot Resurfacing
- C-46 Building 15 Fence Excavation Sampling
- C-47 Steam Line Excavation Sampling Between Building 6 and 19
- C-48 Building 11 Steam Line Sampling
- C-49 Building 11 Drainage Repair
- C-50 Building 2 Floor Removal Sampling
- C-51 Building 7 Waterline Repair
- C-52 North of Building 11 Sampling
- C-53 Building 12-Y Sampling
- C-54 Building 100 Catch Basin Sampling
- C-55 Sewer Soil Sampling, West of Building 121
- C-56 Building 12Y-100 Water Shutoff Sampling
- C-57 Building 12Y (Outside Valve No. 10) Sampling
- C-58 Building 31W Oil/Water Separator Soil Sampling
- C-59 Oil/Water Separator 31W Sediment Sampling
- C-60 Building 100 Sampling



- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARY IS APPROXIMATE.

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INVESTIGATIONS IN REMAINDER OF EAST STREET AREA 2/USEPA AREA 4

FIGURE 7-2

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6/2/94 54-QW
019.NSM\10783025.DWG