REPORT

MCP INTERIM PHASE II REPORT FOR NEWELL STREET PARKING LOT SITE AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 5B

VOLUME II OF IV

General Electric Company

Pittsfield, Massachusetts

March 1994

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

MCP INTERIM PHASE II REPORT FOR NEWELL STREET PARKING LOT SITE AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 5B

VOLUME II OF IV

SUBMITTED TO THE MASSACHUSETTS DEPARTMENT
OF ENVIRONMENTAL PROTECTION AND
U.S. ENVIRONMENTAL PROTECTION AGENCY

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MARCH 1994

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

MCP INTERIM PHASE II REPORT FOR
NEWELL STREET PARKING LOT SITE
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 5B

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VOLUME II OF IV

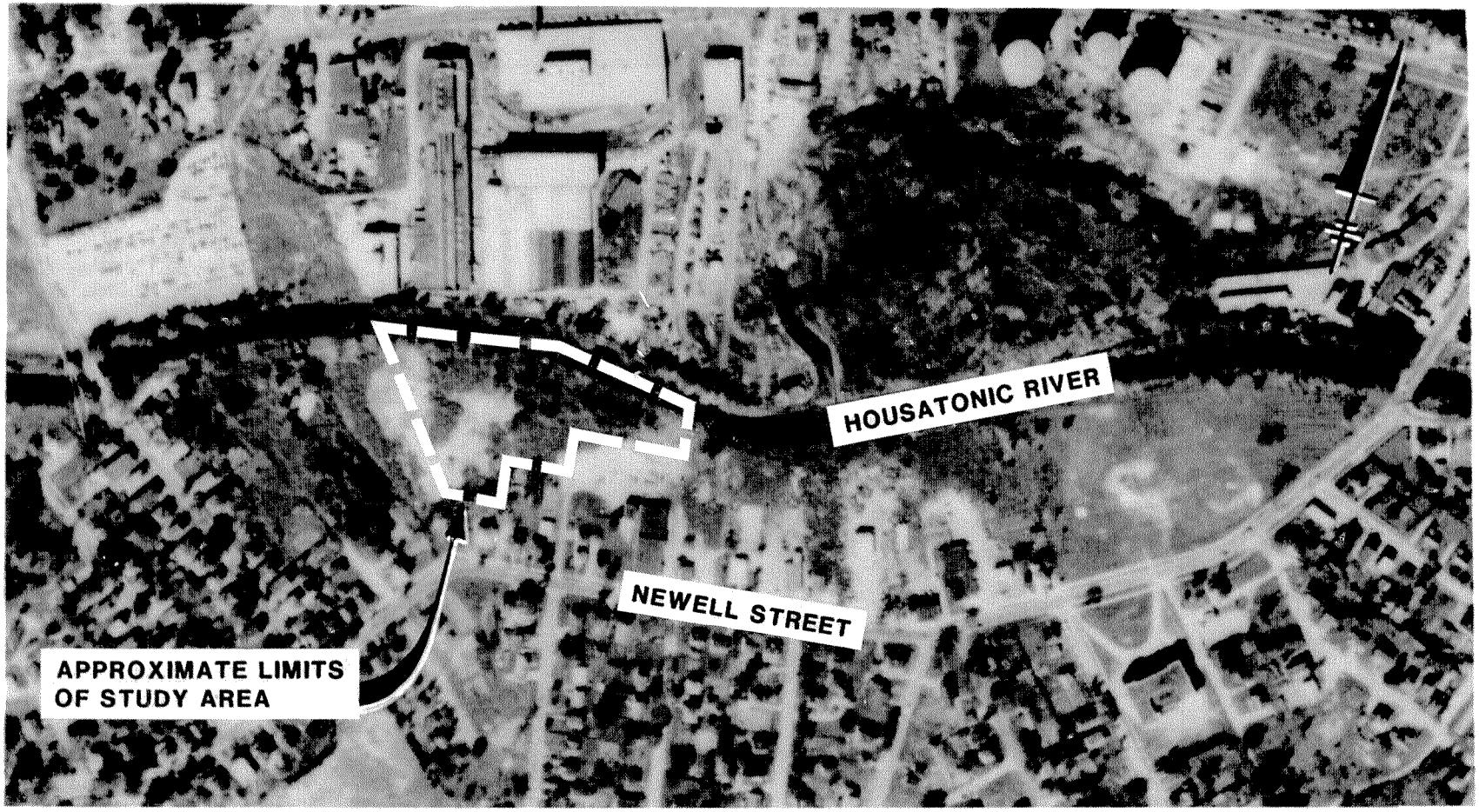
APPENDIX A

HISTORICAL SITE MAPPING


CITY OF PITTSFIELD
PLAN
EAST BRANCH OF HOUSATONIC RIVER
FOR FLOOD CONTROL
SCALE 1 IN. = 100 FT.
OCT. 1935
Revised April 23, 1940
DEPT OF PUBLIC WORKS
APPROVED
COMMISSIONER PUBLIC WORKS
3-B-70
Maintenance Easement
Sta. 21 to Sta 37 - 150
Sta 37 to Newell St Var 100' to 190'
TYPICAL SECTION
ELM ST TO NEWELL ST
FENN ST.
SILVER LAKE ROAD
EAST
WOODLAWN AVE.
FRANKLIN ST
LYMAN
PETER + JOSEPHINE LOMBARDI
MARTINO ERAMO
MABEL F. SADLER
JAMES M. DURKEE
Edward L. Read
Emma J. Dickenson
DISPOSAL AREA
CITY OF PITTSFIELD
GENERAL ELECTRIC COMPANY
TURNERS FALLS POWER + ELEC CO AND P.E. CO
ACHILLE + ERNESTA GIORDANO
MORGAN
EASEMENT
HATHAWAY
ASHLEY ST
CAY ST.
MYSTIC ST.
CROSIER AVE.
JOHN A. LUNDBERG
NEWELL ST.
ONTARIO ST.
VERMONT ST.
E. D. Jones & Sons Co
E. D. JONES + SONS CO.
HURON ST.
MICHIGAN ST
DORCHESTER AVE.
LONGFELLOW AVE.
EDISON AVE.

APPENDIX B

HISTORICAL AERIAL PHOTOGRAPHS



APPROX. SCALE: 1" - 400'

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

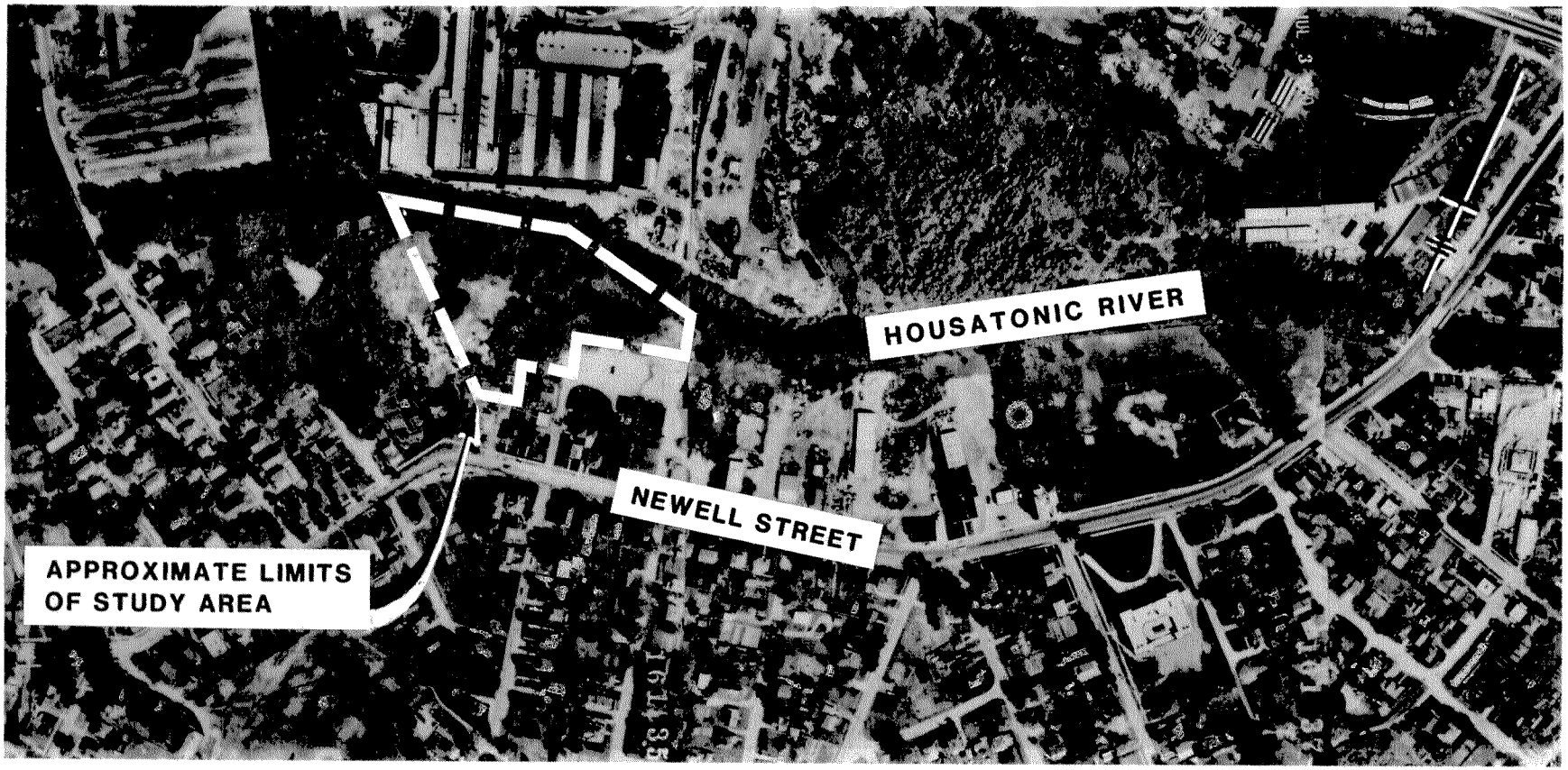
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR NEWELL STREET
PARKING LOT/CAS FOR USEPA AREA 5B

HISTORICAL AERIAL PHOTOGRAPH-1957

FIGURE **B-1**

FEB. 1994
101.96.03



APPROX. SCALE: 1" - 400'

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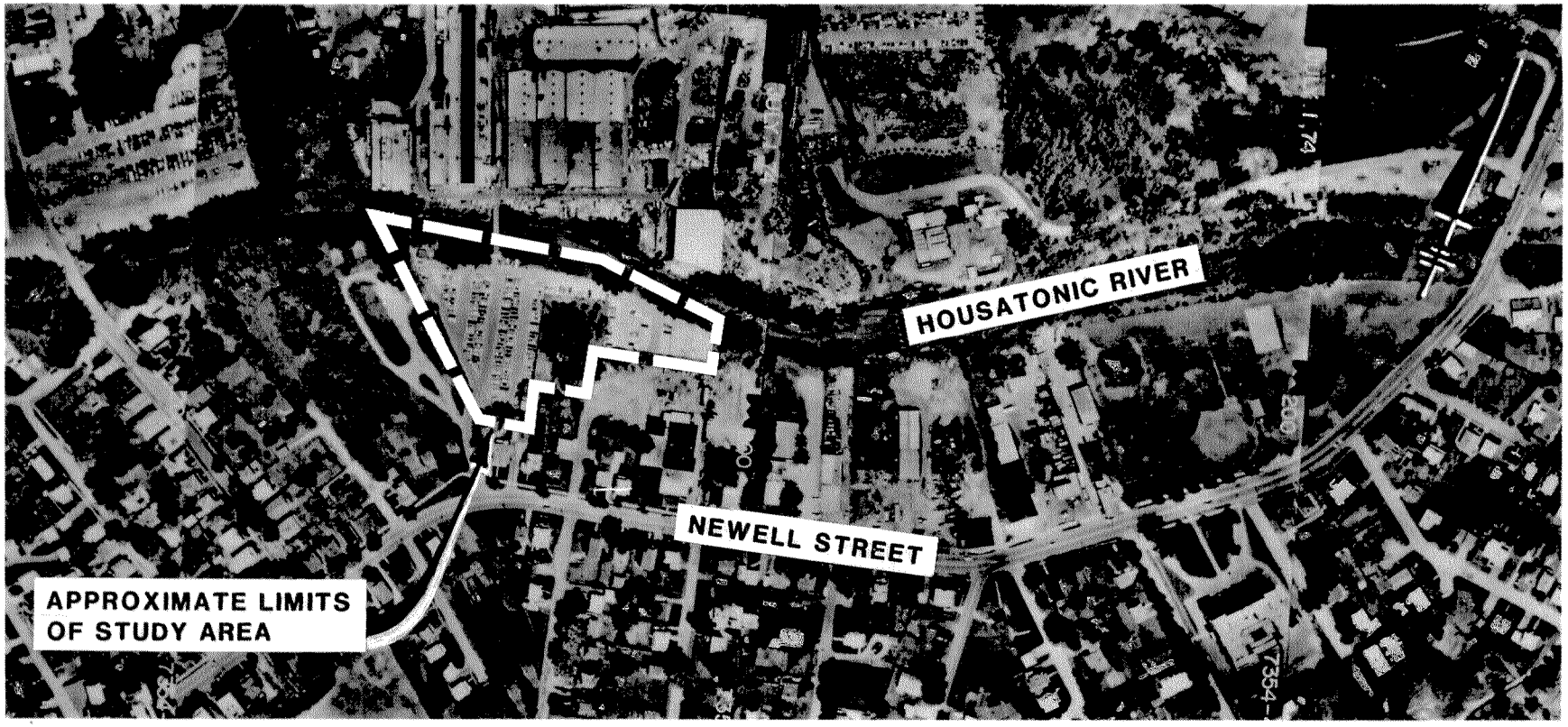
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR NEWELL STREET
PARKING LOT/CAS FOR USEPA AREA 5B

HISTORICAL AERIAL PHOTOGRAPH-1960

FIGURE
B-2

FEB. 1994
101.96.03



APPROX. SCALE: 1" - 400'

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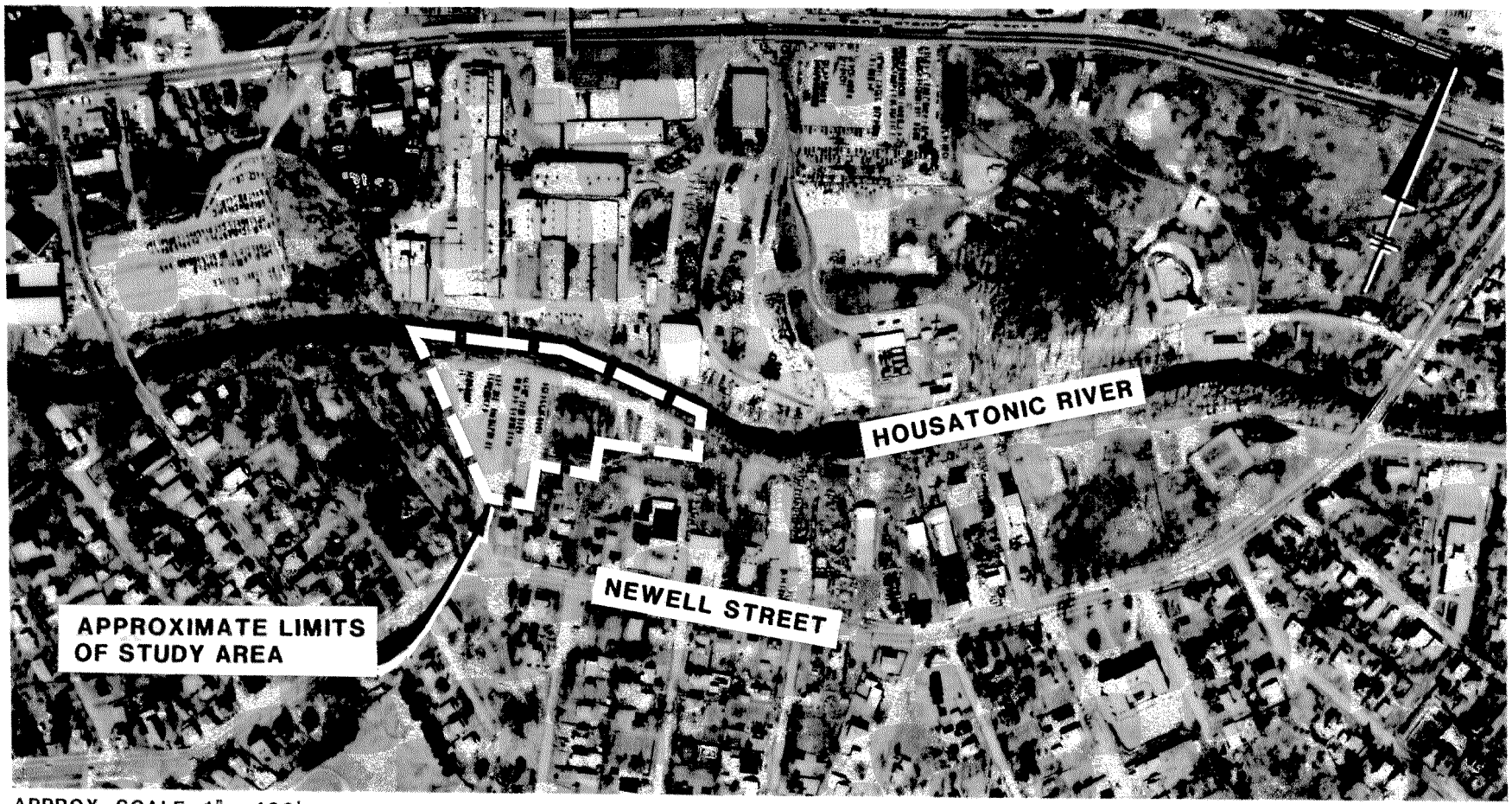
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR NEWELL STREET
PARKING LOT/CAS FOR USEPA AREA 5B

HISTORICAL AERIAL PHOTOGRAPH - 1974

FIGURE
B-3

FEB. 1994
101.96.03



APPROX. SCALE: 1" = 400'

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

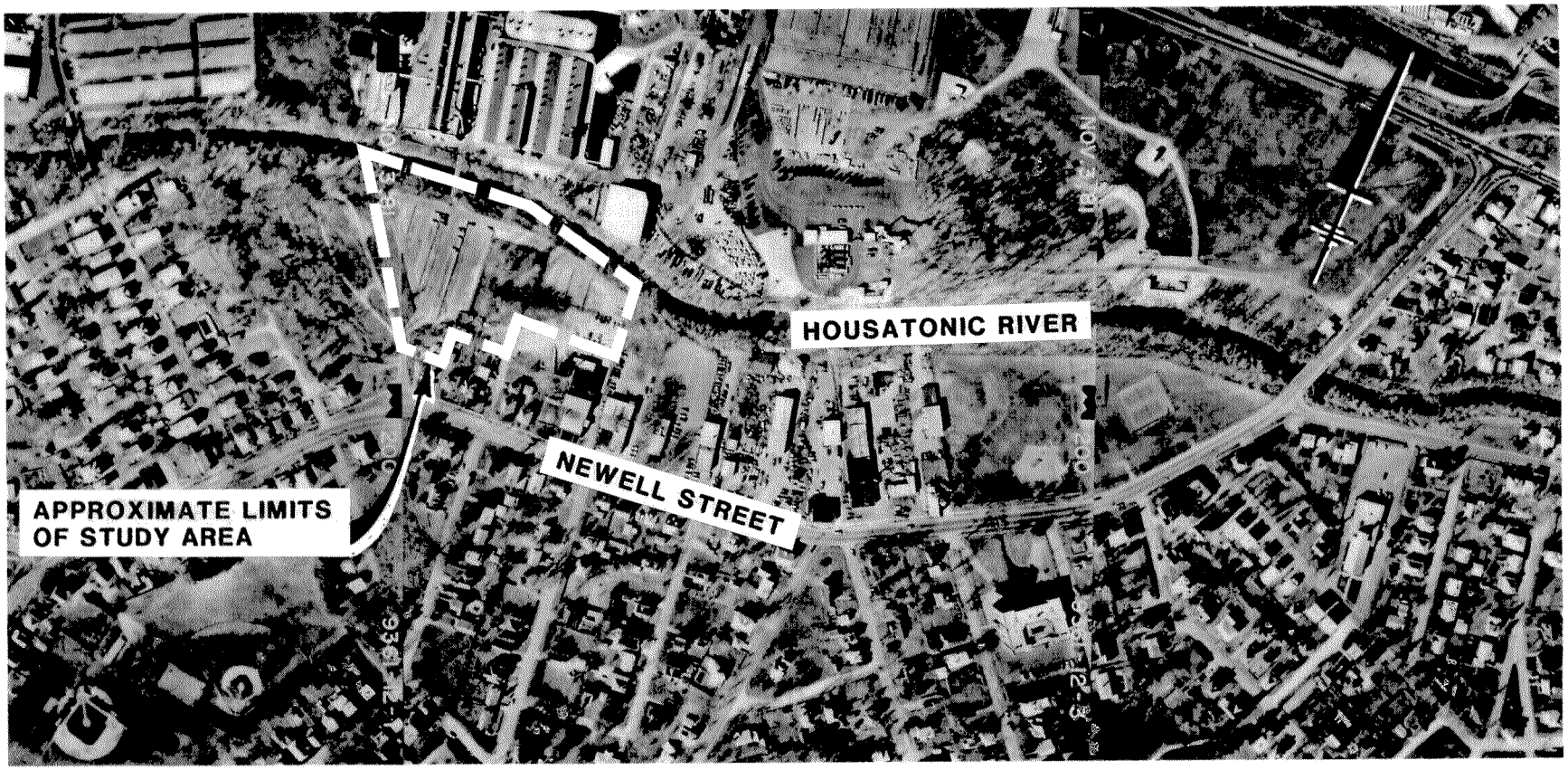
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR NEWELL STREET
PARKING LOT / CAS FOR USEPA AREA 5B

HISTORICAL AERIAL PHOTOGRAPH - 1979

FIGURE
B-4

FEB. 1994
101.96.03



APPROX. SCALE: 1" - 400'

BLASLAND, BOUCK & LEE, INC.
ENGINEERS & SCIENTISTS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR NEWELL STREET PARKING LOT/CAS FOR USEPA AREA 5B

HISTORICAL AERIAL PHOTOGRAPH - 1981

FIGURE
B-5

FEB.1994
101.96.03

APPENDIX C

CITY OF PITTSFIELD ASSESSORS' MAP AND ZONING MAP

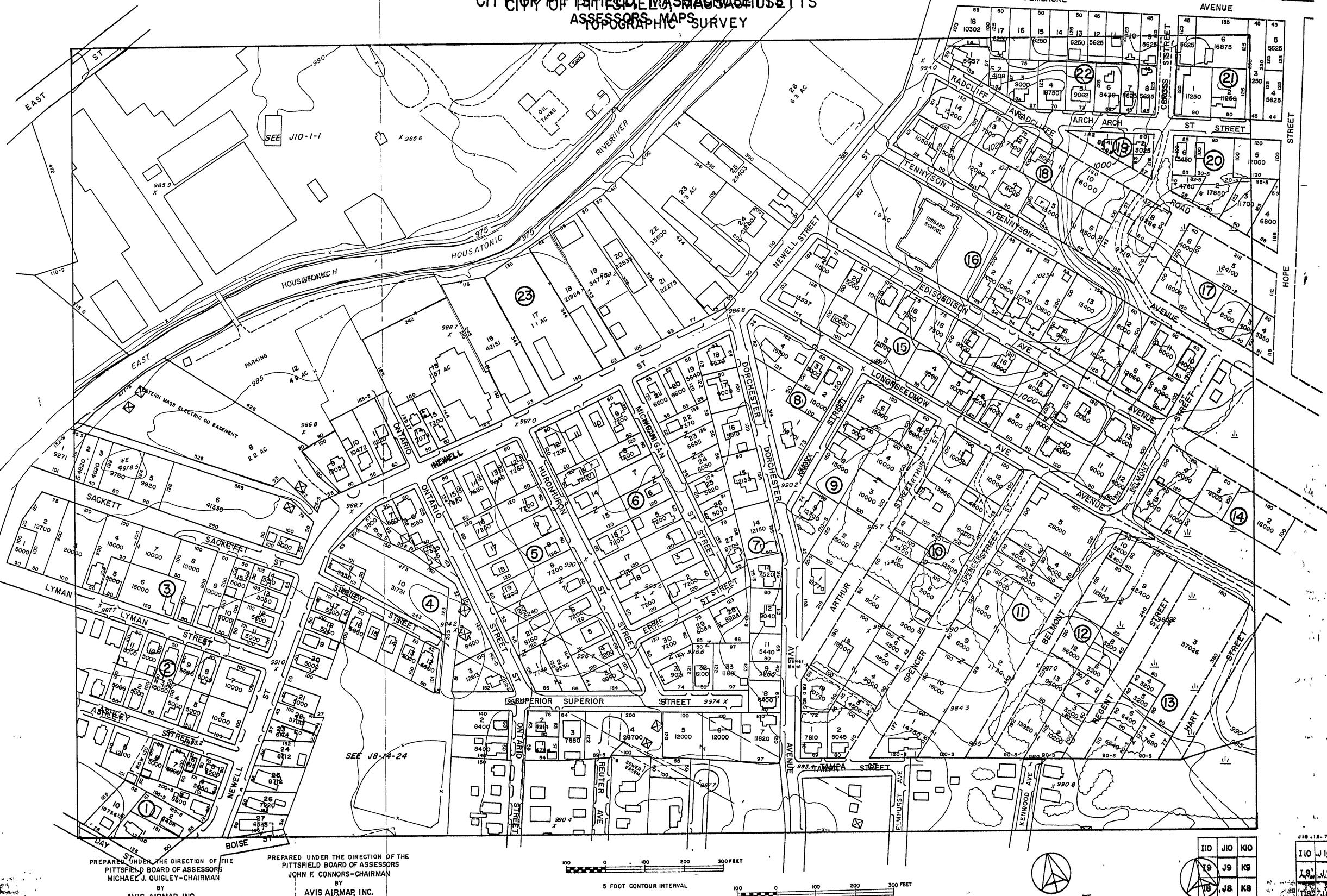
SECTION 1

PITTSFIELD ASSESSORS' MAP

CITY OF PITTSFIELD, MASSACHUSETTS

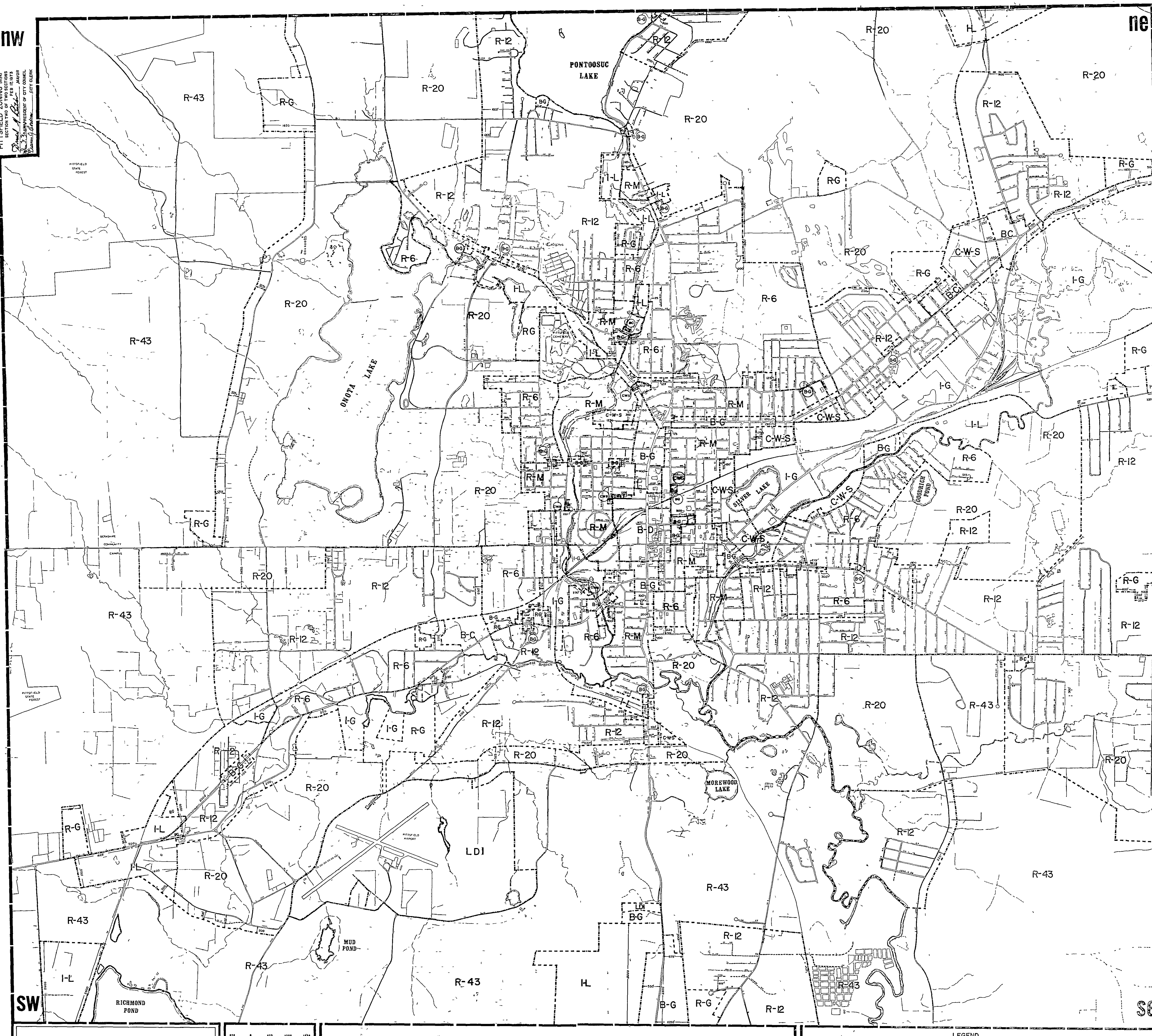
ASSESSORS MAPS

TOPOGRAPHIC SURVEY



SECTION 2

PITTSFIELD ZONING MAP



PREPARED BY

PITTSFIELD PLANNING BOARD

BASE MAP BY

Technical Planning Associates tpa

600 0 600 1200 1800

Scale 1" = 600'

Revisions October 1964

PITTSFIELD ZONING MAP

ADOPTED FEBRUARY 17, 1973

THE CITY COUNCIL OF PITTSFIELD, MASSACHUSETTS

_______, MAYOR _______, CITY CLERK John F. Fraser, PRESIDENT OF CITY COUNCIL

LEGEND

RESIDENCE DISTRICTS

R-43 = Single Family 43,560 sq.ft.per lot
R-20 = Single Family 20,000 sq.ft.per lot
R-12 = Single Family 12,000 sq.ft.per lot
R-6 = Single Family 6,000 sq.ft.per lot
Two Family 7,500 sq.ft.per lot
R-G = Garden Apartments
R-M = Multi-Family

BUSINESS DISTRICTS

B-C = Grouped Business
B-G = General Business
B-D = Downtown Business
C-W-S = Commercial, Warehousing and Storage

INDUSTRIAL DISTRICTS

I-L = Light Industrial
I-G = General Industrial

SPECIAL DISTRICTS

LDI = Limited Industrial

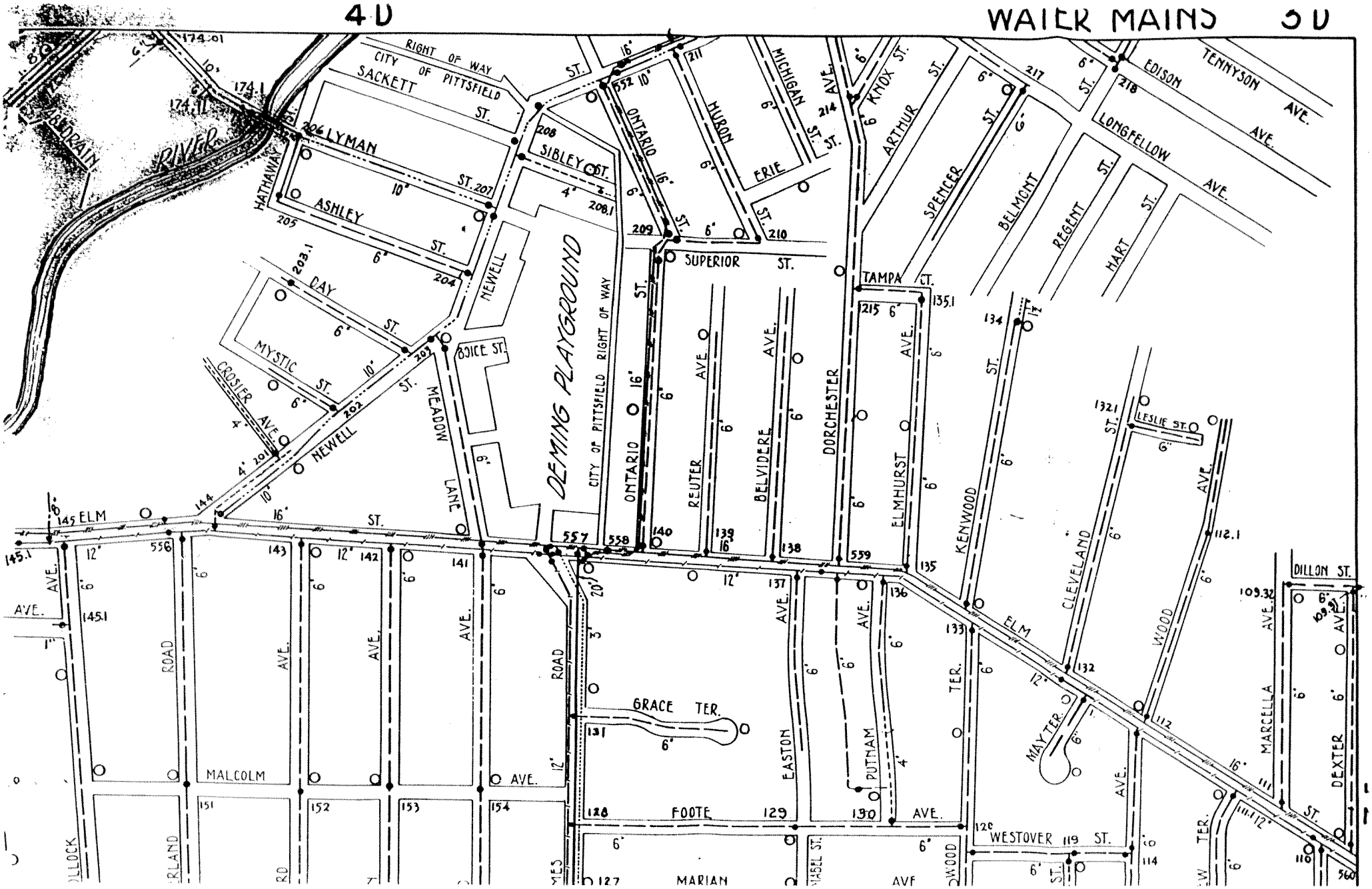
Zone Boundary

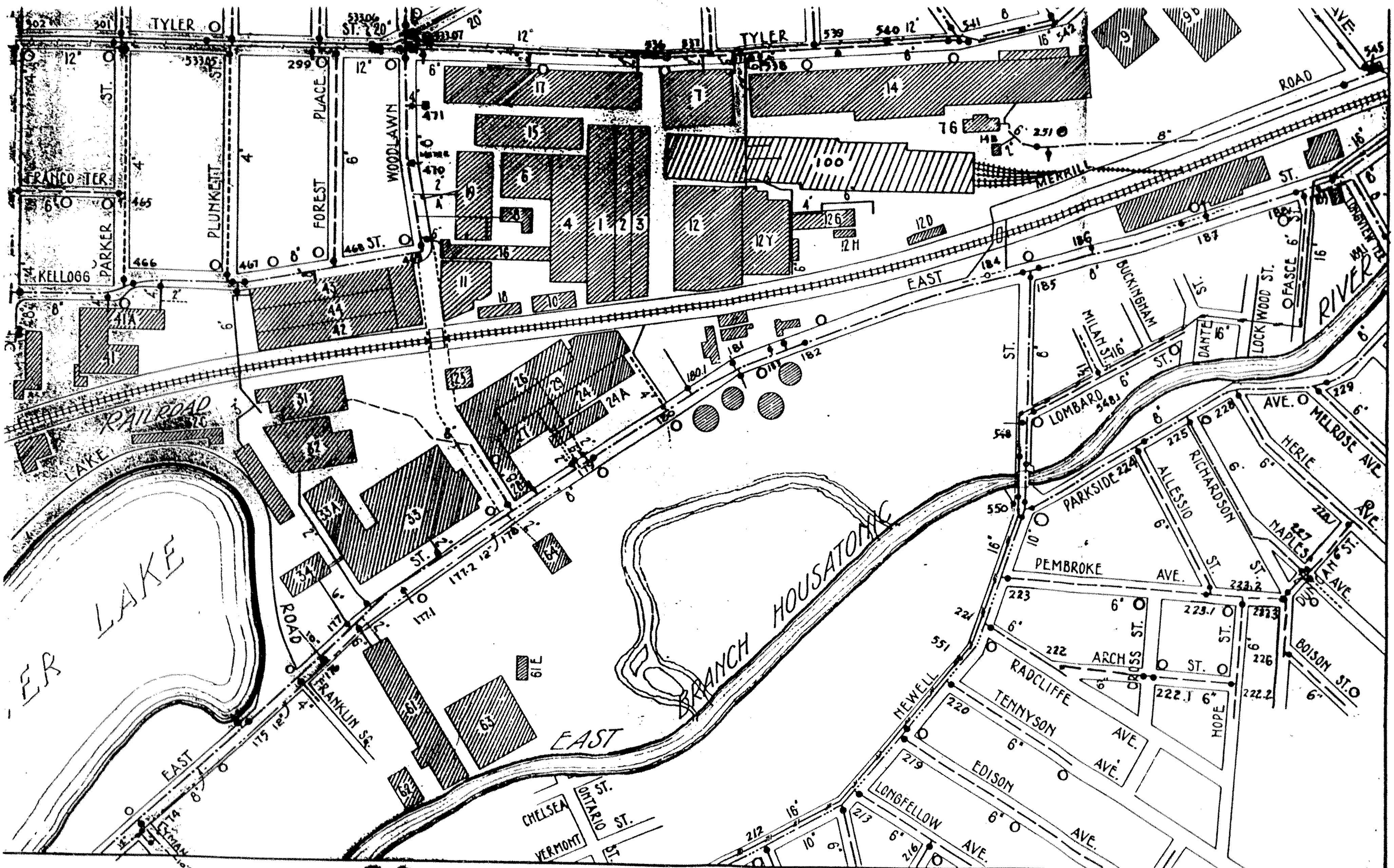
APPENDIX D

UTILITY MAPS

SECTION 1

POTABLE WATER SUPPLY


RIGHT OF WAY
CITY OF PITTSFIELD
SACKETT ST.
LYMAN ST.
ASHLEY ST.
DAY ST.
MYSTIC ST.
CROSIER AVE.
HEWELL ST.
HATHAWAY ST.
SIBLEY ST.
ONTARIO ST.
HURON ST.
ERIE ST.
MICHIGAN AVE.
KNOX ST.
ARTHUR ST.
SPENCER ST.
BELMONT ST.
REGENT ST.
HART ST.
EDISON AVE.
TENNYSON AVE.
LONGFELLOW AVE.
SUPERIOR ST.
TAMPA CT.
BOICE ST.
MEADOW LANE
DEMING PLAYGROUND
CITY OF PITTSFIELD RIGHT OF WAY
REUTER AVE.
BELVIDERE AVE.
DORCHESTER AVE.
ELMHURST AVE.
KENWOOD ST.
LESLIE ST.
CLEVELAND AVE.
WOOD AVE.
DILLON ST.
MARCELLA AVE.
DEXTER AVE.
ELM ST.
GRACE TER.
EASTON AVE.
PUTNAM AVE.
MAY TER.
FOOTE AVE.
WESTOVER TER.
MARIAN AVE
MALCOLM AVE.
ROAD
174.01
174.1
174.11
ABS DRAIN
RIVER

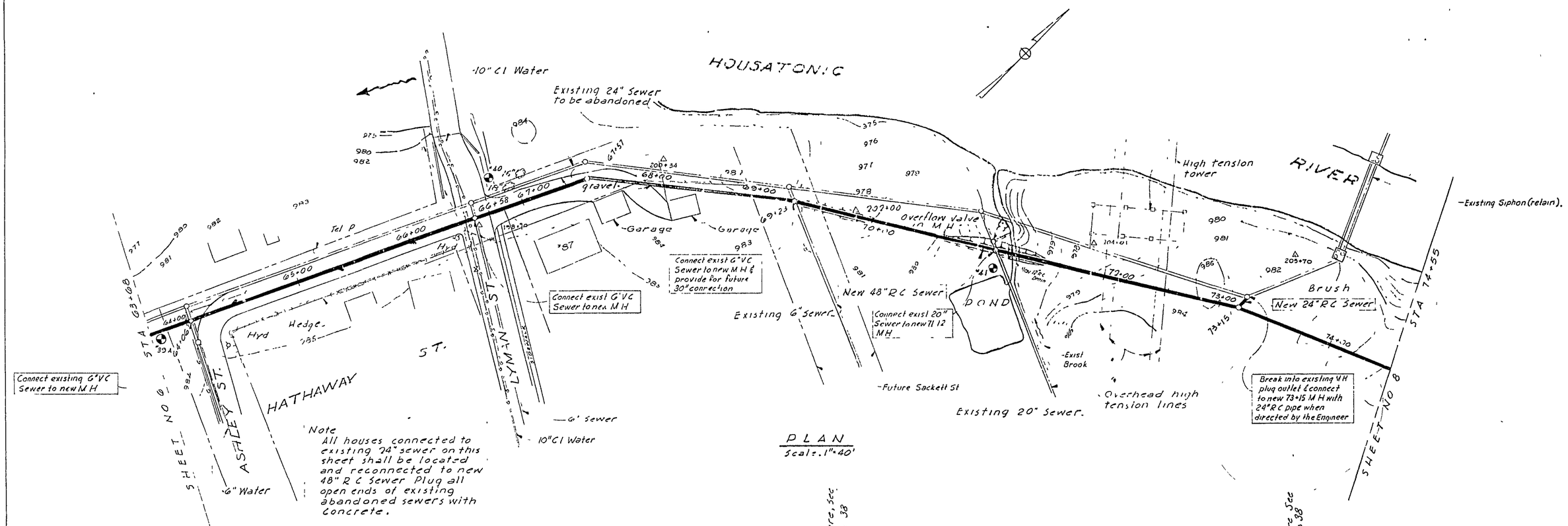

TYLER ST.
TYLER
ROAD
FRANCO TER.
PARKER ST.
KELLOGG
PLUNKETT ST.
FOREST PLACE
WOODLAWN ST.
MERRILL
EAST ST.
RAILROAD
LAKE
LAKE
ROAD
EAST
FRANKLIN SQ.
EAST BRANCH HOUSATONIC RIVER
BUCKINGHAM
MILAN ST.
LOMBARD ST.
DANTE
LOCKWOOD ST.
PARKSIDE
ALLESSIO
RICHARDSON
MELROSE AVE.
HERIE
NAPLES AVE.
PEMBROKE AVE.
ARCH ST.
CROSS ST.
HOPE
BOISON ST.
NEWELL
RADCLIFFE AVE.
TENNYSON AVE.
EDISON AVE.
LONGFELLOW AVE.
CHELSEA
ONTARIO ST.
VERMONT ST.
LYMAN

3D

SECTION 2

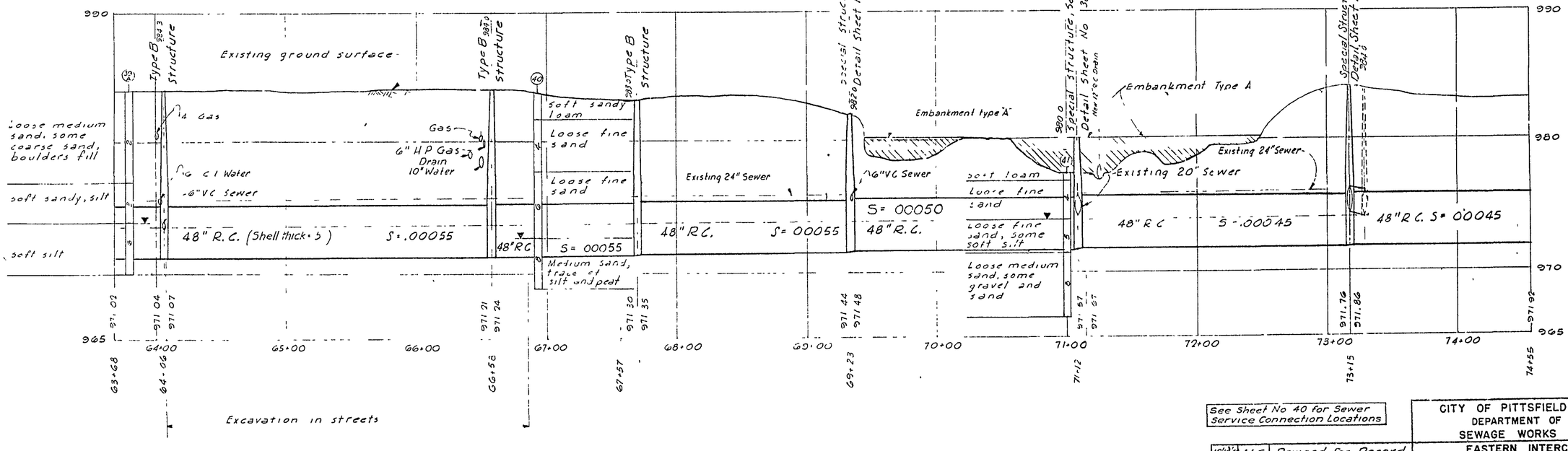
EASTERN INTERCEPTING SEWER

RECORD DRAWING



Note
All houses connected to existing 24" sewer on this sheet shall be located and reconnected to new 48" R C Sewer Plug all open ends of existing abandoned sewers with concrete.

PLAN
Scale: 1" = 40'



PROFILE
Scale: 1" = 40' Horiz
1" = 4' Vert.

See Sheet No 40 for Sewer Service Connection Locations

CITY OF PITTSFIELD, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
SEWAGE WORKS IMPROVEMENTS
EASTERN INTERCEPTING SEWER
HATHAWAY ST. & CROSS-COUNTRY
STA. 63+68 TO STA. 74+55

Date	Ch'k'd	Revision
12/1/60	M S.	Revised for Record

Drawn by JHIDL
Checked by C.A.P.
Approved by JCL
Date Jan. 1960
Scale: As Noted

CAMP DRESSER & McKEE
Consulting Engineers
Boston, Mass.

SHEET NO. 7
60-3183

101 98 03

DRAWING

HOUSATONIC RIVER

SHEET NO. 7

STA 74+55

Brush

New 48" R C Sewer

Existing 30" R C Pipe & headwall

STA 86+47

SHEET NO. 9

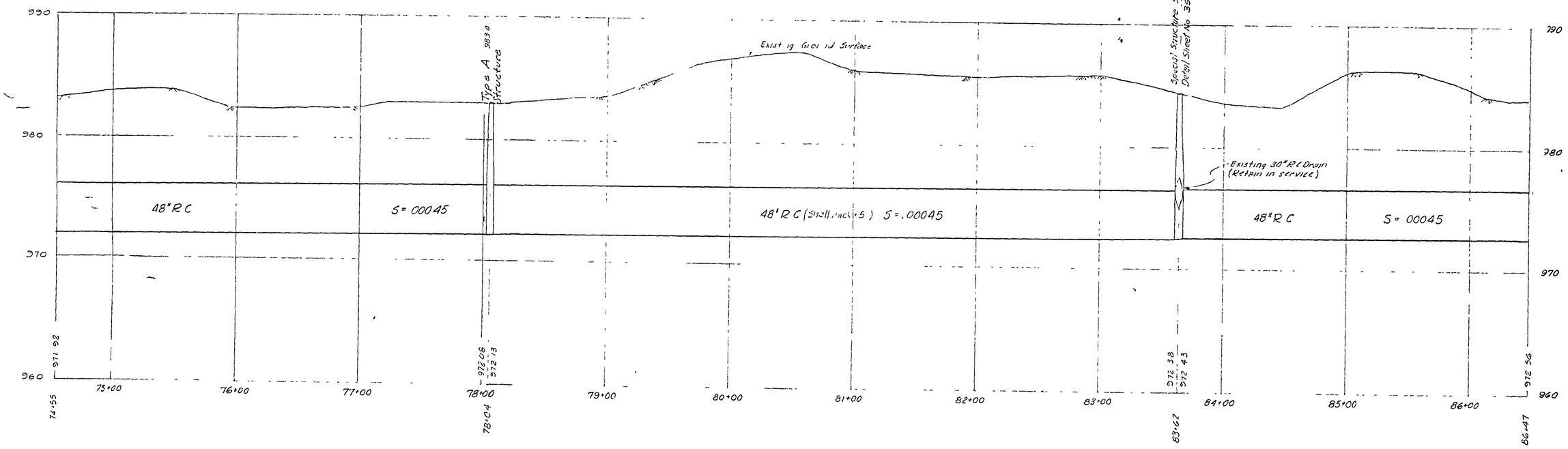
Dump Area

Contractor to locate drain in advance & construct M H structure around it See Details Sh 39

Exist 30" RC Drain

7804
7315
489

PLAN
Scale 1" = 40'



PROFILE
Scale. 1" = 40' Horiz
1" = 4' Vert.

10/962	M.S	Revised for Record	
Date	Ch'kd	Revision	

CITY OF PITTSFIELD, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
SEWAGE WORKS IMPROVEMENTS
EASTERN INTERCEPTING SEWER

CROSS-COUNTRY
STA. 74+55 TO STA. 86+47

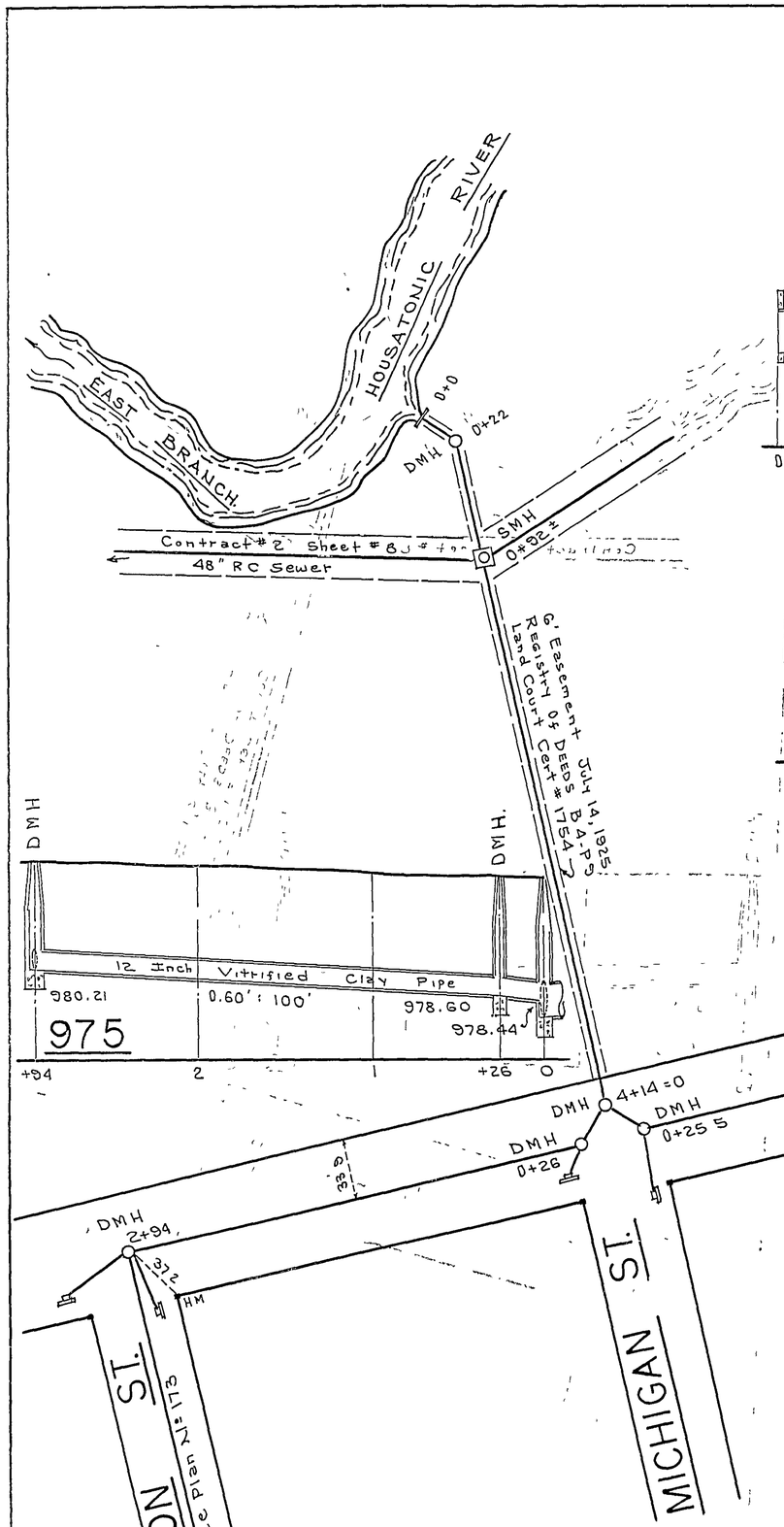
Drawn by J.H.P.W. Date Jan. 1960

CAMP, DRESSER & McKEE

SHEET NO. 8

SECTION 3

SANITARY SEWER AND DRAINAGE



HOUSATONIC RIVER
EAST BRANCH
0+0
0+22
DMH
SMH
0+92±
Contract #2 Sheet #8
48" RC Sewer
6' Easement July 14, 1925
Registry of Deeds B.4 P.9
Land Court Cert # 1754
1925
DMH
SMH
DMH
30" Concrete
27" Vitrified Clay
0.60' : 100'
975 50
975.92
977 44
970
0
+22
+92±
1+62
1+93
3
4
+14
DMH
DMH.
12 Inch Vitrified Clay Pipe
0.60' : 100'
980.21
978.60
978.44
975
+94
2
1
+26
0
NEWELL ST.
DMH 2+94
37.2
HM
33.5
DMH 0+26
DMH 4+14=0
DMH 0+25 5
D.M.H 2+08
DMH 3+39 2
41.8
26.4
59.5
HM
See Plan № 194
DORCHESTER ST.
LONGFELLOW AVE.
DMH 6+40.5
EDISON AVE.
41.
DMH 8+77
TENNYSON AVE.
D.M.H. 10+49.5
29.
HM
D.M.H 11+35.5
28.4
RADCLIF AVE.
HURON ST.
See Plan № 173
MICHIGAN ST.
N
DMH
DMH
DMH
DMH
DMH
DMH
DMH
24 Inch Vitrified Clay Pipe
18 Inch Vitrified Pipe
0.73' : 100
12 Inch Vit Pipe
1.90' : 100'
1.15' : 100'
977 4.4
977 60
978.54
980.00
979.20
982.60
982 20
986.93
988.92
989.
975
0
+25 5
1
2+08
3
+39 5
4
5
6
+40 5
7
8
+77
9
10
+49 5
11
+3
See N B № 557-P 14 1963
144

101 98 03

D.M.H.
D.M.H.
D.M.H.
12 Inch Vitrified Pipe
982.40
0.50' : 100'
981.06
975
+89.4
2
1
+20.4
0
SUPERIOR ST.
See Plan No 76
DEMING PARK
C.B. 15+25
C.B. 13+76
C.B. 11+82.3
C.B. 10+19.8
C.B. 8+55
C.B. 6+94.3
C.B. 5+62.9
C.B. 4+41=0
C.B. 3+85.4
D.M.H. 0+78.6
ONTARIO ST.
SIBLEY ST.
NEWELL
D.M.H. 2+89.4
D.M.H. 2+12.4
D.M.H. 0+20.4
D.M.H. 0+35.5
ST.
Open Ditch to River
See Below
C.B.
10" Corrugated
0.50%
21 Inch Corrugated Pipe
0.20' : 100'
980.37
980.69
981.02
981.34
981.73
982.23
983.00
975
6+94.3
8
+55
9
10+19.8
11
+82.3
13
+76
14
15
+29
D.M.H
C.B
10" V.C.P.
980.70
100%
979.91
975
+78.6
0
C.B. 0+0
D.M.H 1+80.7
D.M.H. 1+92.2
D.M.H. 2+80.7
D.M.H. 2+93.9
C.B. 4+00.7
C.B. 4+25.7
REUTER AVE.
ONTARIO ST.
25
15
22
27-29
25
Drain Easement Recorded In Reg of Deeds 5-4-25 B 420 - P 464
Drain Easement in Reg of Deeds 7-10-30 B 438 - P 597
Drain Easement in Reg of Deeds 5-31-30 B 438 - P 598
See N.B. No 379 - P 76 1933
Redrawn from plans No 145, 149 & 183
12 Inch Vit Clay Pipe
983.00
0.10' : 100'
983.17
983.38
983.47
983.58
983.67
983.72
980
0
1
+80.7
+92.2
2+80.7
+93.9
4+00.7
+25.7
24 Inch Corrugated Pipe
0.20' : 100'
978.85
979.05
979.40
979.75
979.86
980.10
980.37
975
0
+35.5
1
2+12.4
3
+85.4
4
+41
5
+62.9
6
+94.3
183

APPENDIX E

SOIL BORING LOGS

SAMPLE/CORE LOG

BORING: GE-1 PROJECT NO: NY360QP02 PAGE: 1 of 1

SITE LOCATION: General Electric Co. Parking Lot DRILLING STARTED: 5/4/88 DRILLING COMPLETED: 5/4/88

TOTAL DEPTH DRILLED: 6 ft HOLE DIAMETER: 2 in. TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

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

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

DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger

DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER: Tom HELPER: Bob

PREPARED BY: W. Gray HAMMER WEIGHT: 140 lb HAMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	2	0.3	7-10-	Fill - topsoil, pieces of asphalt, vegetation.
				5-7	
	2	4	1.1	7-8-	Sand and gravel fill (6 in.); sand, fine, and silt,
				11-8	trace gravel (6 in.) (natural sediments).
	4	6	1.4	7-4-	Same as above, moist (natural sediments).
				2-4	

SAMPLE/CORE LOG

BORING: GE-2 PROJECT NO: NY360QP02 PAGE: 1 of 1

SITE LOCATION: General Electric Co. Parking Lot DRILLING STARTED: 5/4/88 DRILLING COMPLETED: 5/4/88

TOTAL DEPTH DRILLED: 10 ft HOLE DIAMETER: 2 in. TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

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

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

DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger

DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER: Tom HELPER: Bob

PREPARED BY: W. Gray HAMMER WEIGHT: 140 lb HAMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	2	1.2	20-20	Fill - sand and gravel, trace silt, brown.
				10-10	
	2	4	1.3	7-4-	Fill - sand, medium to fine, some gravel, trace silt,
				5-6	brown.
	4	6	1.0	3-3-	Sand, fine to medium, trace gravel, trace silt, dark
				5-8	brown (natural sediments).
	6	8	0.8	6-3-	Same as above, interlayered with fine gray sand.
				2-6	
	8	10	1.1	6-5-	Same (did not take sample).
				3-2	

SAMPLE/CORE LOG

WELL: GE-3 PROJECT NO: NY360QP02 PAGE: 1 of 1

SITE LOCATION: General Electric Co. Parking Lot, Newell St. DRILLING STARTED: 5/5/88 DRILLING COMPLETED: 5/5/88

TOTAL DEPTH DRILLED: 18.8 ft HOLE DIAMETER: 8 in. TYPE OF SAMPLE/ CORING DEVICE: Split Spoon

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

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

DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger

DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER: Tom HELPER: Bob

PREPARED BY: W. Gray HAMMER WEIGHT: 140 lb HAMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	2	0.9	3-4-	Fill - sand and gravel, trace silt, brown.
				10-9	
	2	4	0.6	3-5-	Same as above.
				7-9	
	4	6	0.5	7-8-	Same as above.
				8-6	
	6	8	0.5	10-8-	Same as above to ~ 7 ft. Sand, coarse to fine, some
				6-6	gravel, trace silt, gray, (natural sediments).
	8	10	0.8	8-8-	Sand, coarse to fine, some gravel, trace silt, gray
				6-6	(natural sediments).
	10	12	1.0	10-8-	Same as above, moist.
				8-5	
	12	14	1.5	10-10-	Same as above, wet (6 in.). Sand, fine to medium,
				16-18	with silt, trace gravel, light brown, wet (12 in.).
	14	16	1.1	20-23-	Sand, medium to fine, some silt, some large gravel,
				12-30	brown, wet.
	16	18	2.0	9-10-	Sand, fine, silty, some gravel, gray-brown.
				40-55	
	18	18.8	0.5	47-	Sand, fine to medium, with silt, large gravel,
				150/.3	gray-brown.

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING: GE-4 PROJECT NO: NY0360QP03 PAGE: 1 of 1

SITE LOCATION: GE - Parking lot DRILLING STARTED: 2/6/89 DRILLING COMPLETED: 2/6/89

TOTAL DEPTH DRILLED: 8 HOLE DIAMETER: 8 inches TYPE OF SAMPLE/ CORING DEVICE: Split spoon

LENGTH & DIAMETER OF CORING DEVICE: 5' x 4" SAMPLING INTERVAL: 5 feet

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

DRILLING FLUID USED: none DRILLING METHOD: Auger

DRILLING CONTRACTOR: Layne-Northern DRILLER: Norm HELPER: John

PREPARED BY: W. Gray HAMMER WEIGHT: HAMMER DROP:

SAMPLE DEPTH (FT BELOW LAND SURFACE)		CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION
FROM	TO			
0	2	2.0	-	Fill - Sand and gravel, trace silt.
2	4	2.0	-	Fill as above to 3'.
				Natural at 3' - Sand, fine, trace silt, trace
				vegetation, brown.
4	6	2.0	-	Sand, fine to medium, trace gravel, trace silt, dark
				brown.
6	8	2.0	-	Sand, fine to medium, trace gravel, trace silt, dark
				brown with interlayers of fine gray sand.

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING: GE-5 PROJECT NO: NY0360QP03 PAGE: 1 of 1

SITE LOCATION: GE-Parking lot Newell St. DRILLING STARTED: 2/6/89 DRILLING COMPLETED: 2/6/89

TOTAL DEPTH DRILLED: 8 HOLE DIAMETER: 8 inches TYPE OF SAMPLE/ CORING DEVICE: Split spoon

LENGTH & DIAMETER OF CORING DEVICE: 5' x 4" SAMPLING INTERVAL: 5 feet

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

DRILLING FLUID USED: none DRILLING METHOD: Auger

DRILLING CONTRACTOR: Layne-Northern DRILLER: Norm HELPER: John

PREPARED BY: W. Gray HAMMER WEIGHT: HAMMER DROP:

SAMPLE DEPTH (FT BELOW LAND SURFACE)		CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION
FROM	TO			
0	2	2.0	-	Fill - Sand and large gravel, gray, trace silt.
2	4	2.0	-	Same as above to 3.5 ft.
				Natural at 3.5' - Sand, fine to medium trace silt,
				trace vegetation, brown.
4	6	2.0	-	Sand, fine to medium, trace silt, trace vegetation,
				brown.
6	8	2.0	-	Sand, fine to medium, trace silt, trace vegetation,
				brown.

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING: GE-6 PROJECT NO: NY0360QP03 PAGE: 1 of 1

SITE LOCATION: GE-Parking lot Newell St. DRILLING STARTED: 2/6/89 DRILLING COMPLETED: 2/6/89

TOTAL DEPTH DRILLED: 6 HOLE DIAMETER: 8 inches TYPE OF SAMPLE/ CORING DEVICE: Split spoon

LENGTH & DIAMETER OF CORING DEVICE: 5' x 4" SAMPLING INTERVAL: 5 feet

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

DRILLING FLUID USED: none DRILLING METHOD: Auger

DRILLING CONTRACTOR: Layne-Northern DRILLER: Norm HELPER: John

PREPARED BY: W. Gray HAMMER WEIGHT: HAMMER DROP:

SAMPLE DEPTH (FT BELOW LAND SURFACE)		CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION
FROM	TO			
0	2	2.0	-	Fill to 1.5' - sand and large gravel, trace silt.
				Natural at 1.5' - sand, medium to fine, trace silt,
				brown.
2	4	2.0	-	Sand, fine to medium, trace silt, trace vegetation,
				brown.
4	6	2.0	-	Sand, fine to medium trace silt, trace gravel, brown.

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING: GE-7 PROJECT NO: NY0360QP03 PAGE: 1 of 1

SITE LOCATION: GE-Parking lot Newell St. DRILLING STARTED: 2/6/89 DRILLING COMPLETED: 2/6/89

TOTAL DEPTH DRILLED: 6 HOLE DIAMETER: 8 inches TYPE OF SAMPLE/ CORING DEVICE: Split spoon

LENGTH & DIAMETER OF CORING DEVICE: 5' x 4" SAMPLING INTERVAL: 5 feet

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

DRILLING FLUID USED: none DRILLING METHOD: Auger

DRILLING CONTRACTOR: Layne-Northern DRILLER: Norm HELPER: John

PREPARED BY: W. Gray HAMMER WEIGHT: HAMMER DROP:

SAMPLE DEPTH (FT BELOW LAND SURFACE)		CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION
FROM	TO			
0	2	2.0	-	Fill to 1' - sand and large gravel, trace silt gray.
				Natural at 1' - sand, fine to medium, trace silt,
				trace vegetation.
2	4	2.0	-	Sand, fine to medium, trace silt, trace vegetation.
4	6	2.0	-	Sand, trace silt, brown.

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

WELL: NS-1 PROJECT NO: NY0360RB02 PAGE: 1 of 2

SITE LOCATION: Pittsfield, Mass. GE (Newell St. Lot) DRILLING STARTED: 8/29/89 DRILLING COMPLETED: 8/29/89

TOTAL DEPTH DRILLED: 18 ft. HOLE DIAMETER: 6 inches TYPE OF SAMPLE/ CORING DEVICE: Split spoon

LENGTH & DIAMETER OF CORING DEVICE: 24 in. x 2 ft SAMPLING INTERVAL: Continuous

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

DRILLING FLUID USED: NA DRILLING METHOD: Hollow Stem Auger

DRILLING CONTRACTOR: Soil and Material Testing DRILLER: Gilly HELPER: Joe

PREPARED BY: V. Betro 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	1.1	4-3-4-7	Approximately 0 to 0.5 ft of asphalt
				Brown to black sand, medium to fine; trace of silt;
				pebble and rock fragments (approximately 20%); foil
				paper, glass, ceramic fragments, metal fragments, moist.
2	4	.5	4-6-	Black and same as above; more rock and pebble fragments
			16-21	(approximately 30% to 35%), trace silt; moist, fill.
4	6	.5	8-4-2-2	Dark brown sand, medium to fine; pebble and rock
				fragments (approximately 20%), glass, metal, foil;
				insulator parts coming up on auger flights; moist, fill.
6	8	.5	8-4-2-2	Same as above.
8	10	1.4	1-2-4-4	Dark green sand, fine, some silt; no pebbles or other
				fragments, oil sheen on samples; moist, fill.
10	12	1.6	3-3-1-1	Same as above; oil sheen on samples; wet, fill.

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG (Cont.d)

WELL: NS-1 PREPARED BY: V. Betro PAGE: 2 of 2

SAMPLE DEPTH (FT BELOW LAND SURFACE)		CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION
FROM	TO			
12	14	.4	8-6-7-9	Dark gray sand, coarse to medium; gravel (approximately
				2 to 4 mm and approximately 25%); foil paper, fill.
14	16	.5	7-6-8-9	Same as above; fill.
16	18	.5	11-9-6-8	Same as above; fill.

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING: NS-2 PROJECT NO: NY0360RB02 PAGE: 1 of 1

SITE LOCATION: Pittsfield, Mass. GE (Newell St. Lot) DRILLING STARTED: 8/29/89 DRILLING COMPLETED: 8/29/89

TOTAL DEPTH DRILLED: 12 ft. HOLE DIAMETER: 6 inches TYPE OF SAMPLE/ CORING DEVICE: Split spoon

LENGTH & DIAMETER OF CORING DEVICE: 24 in. x 2 in. SAMPLING INTERVAL: Continuous

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

DRILLING FLUID USED: NA DRILLING METHOD: Hollow Stem Auger

DRILLING CONTRACTOR: Soil and Material Testing DRILLER: Gilly HELPER: Joe

PREPARED BY: V. Betro 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	1.0	10-9-	Topsoil and brown sand, coarse to fine; trace silt;
			11-12	pebble and rock fragments (approximately 30-35%) dry.
2	4	.6	13-30-	Same as above; moist, some metal fragments; fill.
			52-29	
4	6	2.0	3-4-2-4	Light brown to brown sand, very coarse to medium; trace
				silt; few pebble and rock fragments; moist.
6	8	1.6	4-4-4-4	Light brown sand, medium to fine; some silt, few pebble
				and rock fragments; moist, natural sediment.
8	10	1.7	2-2-1-2	Brown to light brown sand; coarse to fine; some silt; no
				rock fragments; very moist, natural sediment.
10	12	1.4	1-2-2-3	Light brown to tan sand, coarse to fine; little silt;
				wet, natural sediment.
				Wet at 11.0'.

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING: NS-3 PROJECT NO: NY0360RB02 PAGE: 1 of 1

SITE LOCATION: Pittsfield, Mass. GE (Newell St. Lot) DRILLING STARTED: DRILLING COMPLETED:

TOTAL DEPTH DRILLED: HOLE DIAMETER: TYPE OF SAMPLE/ CORING DEVICE: Split spoon

LENGTH & DIAMETER OF CORING DEVICE: 24 in. x 2 in. SAMPLING INTERVAL: Continuous

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

DRILLING FLUID USED: NA DRILLING METHOD: Hollow Stem Auger

DRILLING CONTRACTOR: Soil and Material Testing DRILLER: Gilly HELPER: Joe

PREPARED BY: V. Betro 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	1.0	9-7-6-6	Brown sand, medium to fine; little silt; pebble and rock fragments (approximately 35%), ash and slag fragments; moist, (fill).
2	4	.8	7-9-12-12	Same as above with dark gray sand, medium to fine; trace silt; more rock fragments (approximately 50%) moist, fill.
4	6	1.0	6-3-3-3	Brown sand medium to fine; to silt; few pebbles and rock fragments, glass, ash, slag, moist (fill).
6	8	1.4	3-4-4-5	Dark brown sand, medium to fine; some silt; few pebble and rock fragments; moist, (fill).
8	10	1.6	3-4-5-7	Dark olive-green sand, fine to very fine, and silt; no fragments; wet, natural sediments.
10	12	1.4	3-4-2-2	Olive green sand, fine to very fine; trace of silt; wet, natural sediments.

GERAGHTY & MILLER, INC.

SAMPLE/CORE LOG

BORING: NS-4 PROJECT NO: NY0360RB02 PAGE: 1 of 1

SITE LOCATION: Pittsfield, Mass. GE (Newell St. Lot) DRILLING STARTED: DRILLING COMPLETED:

TOTAL DEPTH DRILLED: HOLE DIAMETER: TYPE OF SAMPLE/ CORING DEVICE: Split spoon

LENGTH & DIAMETER OF CORING DEVICE: 24 in. x 2 in. SAMPLING -INTERVAL: Continuous

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

DRILLING FLUID USED: NA DRILLING METHOD: Hollow Stem Auger

DRILLING CONTRACTOR: Soil and Material Testing DRILLER: Gilly HELPER: Joe

PREPARED BY: V. Betro 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	9-10-	Brown sand, coarse to medium; trace of silt; many rock
			11-19	fragments and pebbles (approximately 40%); ash and sla
				fragments; dry, fill.
2	4	1.1	12-12-	Brown to dark brown sand, fine; trace of silt; some
			5-5	brick fragments (2 to 3 ft); fill.
4	6	0.8	6-4-6-6	Brown sand fine and silt; few pebble and rock fragment.
				moist, natural sediments.
6	8	1.5	5-4-4-5	6 to 7 ft - brown sand, fine; trace of silt; moist
				natural sediment.
				7 to 8 ft- olive green sand, fine, and silt; moist,
				few pebble or rock fragments (<5%), natural sediments.
8	10	0.9	8-7-6-8	Brown sand, medium to fine; trace of silt; pebbles and
				rock fragments (approximately 20%) moist, natural
				sediments.
10	12	0.4	8-6-5-4	Brown sand, same as above, wet at approximately 12.0 f

SAMPLE/CORE LOG

BORING/WELL: QP-10 PROJECT NO: NO360QP1 PAGE: 1 of 1

SITE LOCATION: GE Woodlot Pittsfield, MA DRILLING STARTED: 5/8/87 13:10 DRILLING COMPLETED: 5/8/87 13:50

TOTAL DEPTH DRILLED: 12 ft HOLE DIAMETER: 5-3/4 in TYPE OF SAMPLE/ CORING DEVICE: 2 ft

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

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

DRILLING FLUID USED: none DRILLING METHOD: auger

DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER: Mike HELPER: Daryl

PREPARED BY: W. Gray HAMMER WEIGHT: 140 lb HAMMER DROP: 30 in

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	2	1.5	4-6-	Fill - 4" Sand and gravel, light brown; small red
				7-9	brick fragments, dark brown sand, coarse-fine,
					some silt, glass fragments.
	2	4	2.0	11-10-	Fill - Same as above.
				7-7	
	4	6	1.7	10-13-	Fill - Same as above.
				6-9	
	6	8	2.0	4-6-	Fill - Same as above.
				7-3	
	8	10	1.7	1-2-	1" Black organic silt and clay, roots; silt, fine
				2-2	sand, light brown-gray, mottled; moist
					(Natural sediments).
	10	12	1.8	2-1-	Silt and fine sand, light brown-gray, mottled; very
				2-1	moist.

SAMPLE/CORE LOG

BORING/WELL: QP-11 PROJECT NO: NO360QP1 PAGE: 1 of 1

SITE LOCATION: GE Parking Lot Pittsfield, MA DRILLING STARTED: 5/8/87 14:00 DRILLING COMPLETED: 5/8/87 14:35

TOTAL DEPTH DRILLED: 12 ft HOLE DIAMETER: 5-3/4 in TYPE OF SAMPLE/ CORING DEVICE: 2 ft

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

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

DRILLING FLUID USED: none DRILLING METHOD: auger

DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER: Mike HELPER: Daryl

PREPARED BY: W. Gray HAMMER WEIGHT: 140 lb HAMMER DROP: 30 in

SAMPLE NO	SAMPLE DEPTH FROM	SAMPLE DEPTH TO	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	0	2	1.0	2-5-	Fill - Sand and gravel fill, dark brown-gray; light
				4-3	brown, medium-fine sand and silt, trace clay.
	2	4	0.8	2-2-	Sand, medium-fine, gravel small - large brown, some
				4-6	silt (natural material).
	4	6	1.0	3-4-	Sand and gravel as above.
				4-3	
	6	8	1.5	4-4-	Coarse sand and gravel; mixed with medium-fine sand;
				5-6	some white mica.
	8	10	1.3	4-5-	Same as above; some grayish bands and
				4-3	yellow-brown bands approximately 1/4" each.
	10	12	1.0	3-2-	4" coarse sand and gravel; silt and fine sand, light
				7-11	brown-gray, mottled, moist.

SAMPLE/CORE LOG

BORING: RB-1 PROJECT NO: NYO360QP02 PAGE: 1 of 1

SITE LOCATION: Housatonic River Bank DRILLING STARTED: 5/16/88 DRILLING COMPLETED: 5/16/88

TOTAL DEPTH DRILLED: none HOLE DIAMETER: TYPE OF SAMPLE/ CORING DEVICE: none

LENGTH & DIAMETER OF CORING DEVICE: none SAMPLING INTERVAL:

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

DRILLING FLUID USED: none DRILLING METHOD:

DRILLING CONTRACTOR: none DRILLER: HELPER:

PREPARED BY: D. Colton HAMMER WEIGHT: HAMMER DROP:

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
RB-1-3	-	-	1.0	-	Sand, medium to fine, some silt and gravel, brown
					(sample collected 3 ft below the top of the
					riverbank).
RB-1-6	-	-	1.0	-	Same as above
					(sample collected 6 ft below the top of the
					riverbank).
RB-1-9	-	-	1.0	-	Same as above
					(sample collected 9 ft below the top of the
					riverbank).

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG

Boring/Well NS-1A Project/No. AY05402 Page 1 of 1

Site Location GE, Newell Street Parking Lot Drilling Started 5/22/91 Drilling Completed 5/23/91

Total Depth Drilled 24 feet Hole Diameter 6 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 Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller George Helper Butch

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	0.5	6-18-12-12	RN1AB0002	Auger through 2" asphalt: SAND (70%) brown, fine to medium;
					Gravel (30%) fine, subrounded to subangular.
2	4	0.2	12-16-11-11	RN1AB0204	Same as above.
4	6	0.1	10-9-8-9	RN1AB0406	SAND (40%) brown, medium; Gravel (10%) fine; Fill (50%) foil,
					waxed paper.
6	8	0.3	9-11-10-8	RN1AB0608	SAND (60%) dark brown to black, medium; Gravel (20%), fine;
					Fill Material as above (20%).
8	10	0.5	7-7-6-5	RN1AB0810	Fill/Natural Interface: SAND (90%) dark brown to black with
					roots and reeds; moist.
10	12	0.2	10-7-8-5	RN1AB1012	SAND (95%) dark brown, fine to medium, wet; Gravel (5%), fine,
					rounded.
12	14	1.0	4-7-9-7	RN1AB1214	SAND (80%) brown to olive-brown, fine to medium; Gravel (20%),
					fine (river sediments), well sorted, rounded, wet.
14	16	1.0	9-8-6-5	RN1AB1416	GRAVEL (80%) coarse to fine, rounded, poorly sorted; Sand (20%)
					brown to olive-brown, wet.
16	18	0.9	6-7-11-8	RN1AB1618	Same as above, wet.
18	20	1.2	4-3-6-5	RN1AB1820	Same as above, wet, trace oil sheen on sediments.
20	22	1.1	4-9-4-2	RN1AB2022	GRAVEL (95%) fine to coarse, subrounded to rounded; Sand (5%)
					olive-brown, fine, wet.
22	24	1.2	4-5-4-3	RN1AB2224	Same as above, wet. Depth to water=10 ft. Bottom of fill=9 ft.

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Environmental Services

SAMPLE/CORE LOG

Boring/Well NS-2A Project/No. AY05402 Page 1 of 2

Site Location GE/Newell Street Parking Lot Drilling Started 11-12-91 Drilling Completed 11-12-91

Total Depth Drilled 24 feet Hole Diameter 6 inches Type of Sample/ Coring Device Split-Spoon

Length and Diameter of Coring Device 2'x2" Sampling Interval 2 feet

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

Drilling Fluid Used None Drilling Method Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller E. Cotes Helper G. Rustemeyer

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	0.9	14-14-60/1"	RN2AB0002	Auger through 3" asphalt: SAND (50%) brown, coarse, dry, loose;
					Gravel (50%) fine, rounded. Refusal on gray sandstone fragment.
2	4	0.6	11-24-22-16	RN2AB0204	SAND (50%) brown, coarse, dry, loose, to orange, fine to medium;
					Gravel (40%) fine to coarse, angular to rounded; Asbestos (10%)
					pieces.
4	6	2.0	6-6-7-7	RN2AB0406	SAND (95%) brown, orange, black, fine to coarse, dry to slightly
					moist, loose to slightly compact; Gravel (5%) fine, rounded;
					trace wood.
6	8	1.7	7-12-10-10	RN2AB0608	SAND (80%) as above; Gravel (20%) fine to medium, subrounded.
8	10	1.1	4-5-2-6	RN2AB0810	SAND (85%) brown to black, fine to coarse, moist, compact,
					slight odor; Gravel (10%) fine to medium, subrounded; Asbestos,
					paper (5%).
10	12	2.0	3-2-1-2	RN2AB1012	Fill/Natural Interface: 10-11 ft: SAND (30%) brown, orange,
					coarse, moist to wet; Gravel (20%) fine, subangular; trace
					asbestos, paper; 11-12 ft: Sand (50%) olive-brown, medium, wet,
					trace organics.
12	14	1.8	3-4-4-2	RN2AB1214	SAND (85%) olive-brown to brown, medium to coarse, wet; Gravel
					(15%) fine, rounded; odor.
14	16	0.5	5-3-3-4	RN2AB1416	Same as above, odor.

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SAMPLE/CORE LOG (Cont.d)

Boring/Well NS-2A

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	1.2	8-4-24-56	RN2AB1618	SAND and GRAVEL mixture (60%) coarse, gray sand with fine,
					rounded, gravel; Wood (40%) appears to be a large root.
18	20	1.0	10-6-8-12	RN2AB1820	SAND (40%) gray, coarse, wet; Gravel (20%) fine, rounded;
					silty Sand (40%) light gray, very fine, wet at base of
					spoon and in shoe.
20	22	0.5	3-3-12-24	RN2AB2022	SILT (60%) light gray, very fine, wet; Gravel (20%) fine,
					rounded to subrounded; Sand (20%) gray, fine, wet;
					slight odor.
22	24	0.7	7-8-5-5	RN2AB2224	SAND and GRAVEL mixture (100%) coarse sand and fine, rounded
					gravel, wet, slight odor.
					Depth to Water = 12 feet
					Bottom of Fill = 11 feet

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Environmental Services

SAMPLE/CORE LOG

Boring/Well NS-5 Project/No. AY05402 Page 1 of 1

Site Location GE, Newell Street Parking Lot Drilling Started 5/22/91 Drilling Completed 5/22/91

Total Depth Drilled 14 feet Hole Diameter 6 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 Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller George Helper Butch

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	0.5	9-10-18-21	RN05B0002	Auger through 2" asphalt: SAND (70%) brown to black, medium to
					fine; Gravel (30%) fine, rounded; trace brick fragments.
2	4	1.0	9-6-3-4	RN05B0204	SAND (60%) brown to black, fine to medium; Rock Fragments (30%)
					crushed, white; Gravel (10%) fine, rounded.
4	6	1.1	2-2-5-7	RN05B0406	SAND (100%) black, fine; trace brick fragments.
6	8	1.2	3-5-5-5	RN05B0608	SAND (90%) black, fine, Sand (10%) brown, very fine at base.
8	10	1.1	5-5-2-2	RN05B0810	Fill/Natural Interface: SAND (40%) top 4" black, fine; Sand
					(60%) brown, fine, moist; trace silt. Natural sediments at
					approximately 9 feet, trace roots and reeds.
10	12	2.0	3-2-2-6	RN05B1012	SAND (100%) olive-brown, fine, moist to wet.
12	14	2.0	2-2-3-4	RN05B1214	SAND (100%) olive-brown, fine at top, coarsening to base, wet.
					Natural river sediments.
					Depth to Water = 10 ft.
					Bottom of Fill = 9 ft.

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Environmental Services

SAMPLE/CORE LOG

Boring/Well MS-6 Project/No. AY05402 Page 1 of 1

Site Location GE/Newell Street Parking Lot Drilling Started 11-12-91 Drilling Completed 11-12-91

Total Depth Drilled 14 feet Hole Diameter 6 inches Type of Sample/ Coring Device Split-Spoon

Length and Diameter of Coring Device 2'x2" Sampling Interval 2 feet

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

Drilling Fluid Used None Drilling Method Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller E. Cotes Helper G. Rustemeyer

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	1.0	21-21-28-39	RN0680002	Auger through 3" asphalt: SAND (50%) brown, black, orange,
					coarse, dry, loose; Gravel (40%) fine to medium, subangular;
					Asbestos insulation, paper (10%).
2	4	0.9	6-12-10-6	RN0680204	SAND (80%) brown, black, orange, coarse, loose to slightly
					compact, slightly moist; Gravel (15%) fine to medium, sub-
					rounded; Fill (5%) metal, paper.
4	6	1.2	9-24-14-20	RN0680406	SAND (50%) brown, coarse, dry, to black, moist, fine; Gravel
					(50%) fine to coarse, subangular to subrounded; trace brick,
					cellophane.
6	8	1.6	21-16-12-13	RN0680608	SAND (90%) black, fine, dry, to olive-brown, fine, moist; trace
					roots in olive-brown sand near base of spoon; Gravel (10%)
					fine, rounded; slight odor.
8	10	1.5	12-30-14-10	RN0680810	Same as above.
10	12	2.0	10-4-7-9	RN0681012	SAND (95%) olive-brown, fine, moist to wet at base; abundant
					organics; Gravel (5%) very fine, rounded.
12	14	2.0	5-7-10-9	RN0681214	Same as above, wet.
					Depth to Water = 12 feet
					Bottom of Fill = 8 feet

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG

Boring/Well NS-7 Project/No. AY05402 Page 1 of 1

Site Location GE, Newell Street Parking Lot Drilling Started 5/24/91 Drilling Completed 5/24/91

Total Depth Drilled 16 feet Hole Diameter 6 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 Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller George Helper Butch

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	1.2	15-24-20-26	RN07B0002	SAND (70%) brown, fine to medium; Gravel (30%) fine to medium, subangular to subrounded.
2	4	1.3	15-12-12-12	RN07B0204	SAND (80%) brown to black, medium to fine; Gravel (20%) fine to medium, subangular to subrounded; trace brick.
4	6	1.8	5-7-6-5	RN07B0406	SAND (95%) brown to black, fine to medium; Gravel (5%) fine to medium, subrounded.
6	8	-	11-13-8-7	RN07B0608	No recovery, spooned through void or pushing rock.
8	10	0.5	8-9-11-9	RN07B0810	Fill/Natural Interface: SAND (80%) brown to black, medium to fine; Gravel (20%) fine to medium, subrounded. Appear to be natural sediments at approximately 10 feet.
10	12	1.0	3-4-7-12	RN07B1012	SAND (90%) dark brown to brown, medium to coarse; Gravel (10%) fine to medium.
12	14	1.2	17-10-8-8	RN07B1214	SAND (50%) coarse, brown to olive-brown, wet; Gravel (50%) fine to medium, well-rounded, moderately sorted, odor.
14	16	0.8	7-7-6-7	RN07B1416	SAND and GRAVEL Mixture (100%) olive-brown sand and coarse, rounded gravel.
					Depth to Water = 12 ft.
					Bottom of Fill = 10 ft.

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Environmental Services

SAMPLE/CORE LOG

Boring/Well NS-8 Project/No. AY05402 Page 1 of 1

Site Location GE, Newell Street Parking Lot Drilling Started 5/21/91 Drilling Completed 5/21/91

Total Depth Drilled 14 feet Hole Diameter 6 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 Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller George Helper Paul

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	9-22-18-12	RN0880002	Auger through 2" asphalt: SAND (75%) black to brown, fine to
					medium; Gravel (25%) fine to medium, rounded.
2	4	0.6	11-13-11-9	RN0880204	SAND (70%) brown to black, fine; Gravel (20%) fine, rounded;
					Wood fragments, Brick fragments (10%).
4	6	1.2	2-7-3-2	RN0880406	SAND (80%) black, fine; Gravel (10%) fine, rounded; Coal
					fragments (10%) black, charred; trace wood.
6	8	0.4	3-1-3-5	RN0880608	SAND (90%) black, fine; Gravel (10%) fine, rounded; trace wood
					fragments; moist.
8	10	1.2	1-3-1-1	RN0880810	Fill/Natural Interface: SAND (70%) black, fine to medium at top,
					change to olive-black, sandy silt at approximately 9.7 ft;
					Reeds, Roots (20%) wet; natural sediments at approximately 10
					feet. Gravel (10%) small, rounded, slight odor.
10	12	1.4	1-2-1-10	RN0881012	Silty SAND (50%) olive-brown, fine, with roots and reeds; Sand
					(40%) black, fine, slight odor; Gravel (10%) small, rounded,
					wet.
12	14	0.6	1-1-2-1	RN0881214	GRAVEL (60%) medium to large; Sand (40%) olive-brown, fine, wet;
					strong odor. Oily sheen on sediments from 12-14 feet.
					Depth to Water = 10 ft
					Bottom of Fill = 10 ft

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Environmental Services

SAMPLE/CORE LOG (Cont.d)

Boring/Well NS-9 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
22	24	1.0	55-53-10-10	RN09B2224	Same as above.
					Bottom of Boring = 24 ft
					Depth to Water = 10 ft
					Set Well at 20 ft

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SAMPLE/CORE LOG

Boring/Well NS-10 Project/No. AY05402 Page 1 of 2

Site Location GE/Newell Street Parking Lot Drilling Started 11-15-91 Drilling Completed 11-15-91

Total Depth Drilled 20 feet Hole Diameter 6 inches Type of Sample/ Coring Device Split-Spoon

Length and Diameter of Coring Device 2'x2" Sampling Interval 2 feet

Land-Surface Elev. 984.8 feet ☒ Surveyed ☐ Estimated Datum NGVD 1929

Drilling Fluid Used None Drilling Method Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller E. Cotes Helper G. Rustemeyer

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	1.1	5-37-27-20	RN10B0002	Auger through 3" asphalt: SAND (60%) brown to yellow-brown, fine to coarse, dry, loose; Gravel (40%) fine to coarse, angular to subrounded.
2	4	1.2	2-7-7-9	RN10B0204	SAND (90%) layered black and white, coarse, dry, loose; Gravel (10%) fine, angular.
4	6	0.4	4-3-4-4	RN10B0406	SAND (80%) black, medium, dry, loose; Fill (20%) tar paper, cinders, yellow/white. Large metal wire drilled up around auger.
6	8	0.3	5-5-6-9	RN10B0608	SAND (70%) black, medium, moist; Gravel (10%) fine, angular; Concrete pieces (20%), white. Drilled up large metal/glass scraps. Slight odor.
8	10	1.0	4-2-3-13	RN10B0810	Top 6" - SAND (40%) black, coarse, moist with glass, wood, metal Fill (10%). Bottom 6" - Silty Sand (50%) olive-green to black, fine, wet.
10	12	1.2	4-2-3-13	RN1081012	Silty SAND (50%) as above, olive-green, very fine, wet; change to coarse Sand/medium, rounded Gravel mixture (50%); olive-brown sand, strong odor.
12	14	1.9	2-4-3-4	RN1081214	Same as above, wet, strong odor.
14	16	0.4	2-1-1-2	RN1081416	Same as above, wet, odor weakening.
16	18	2.0	3-3-4-5	RN1081618	Same as above, wet, odor.

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SAMPLE/CORE LOG (Cont.d)

Boring/Well NS-10

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	2.0	4-3-3-2	RN1081820	SAND and GRAVEL mixture (70%) coarse, olive-green sand with coarse to medium, rounded, gravel; silty Sand (30%) olive-green, fine, wet, odor.

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG

Boring/Well NS-11 Project/No. AY05402 Page 1 of 1

Site Location GE-Newell Street Parking Lot Drilling Started 12/10/91 Drilling Completed 12/10/91

Total Depth Drilled 20 feet Hole Diameter 12 inches Type of Sample/ Coring Device Split Spoon

Length and Diameter of Coring Device 2'x2" Sampling Interval 2 feet

Land-Surface Elev. 984.8 feet ☒ Surveyed ☐ Estimated Datum NGVD 1929

Drilling Fluid Used None Drilling Method 8 1/4" Hollow Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller F. Newton Helper G. Rustemeyer

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	2.0	7-15-14-25	RN11B0002	GRAVEL (80%) coarse to fine, subround; Sand (20%) brown, coarse to fine; poorly sorted, semi-compact, moist.
2	4	0.5	24-18-18-30	RN11B0204	GRAVEL (40%) as above; Sand (40%) as above; Brick (20%); poorly sorted, damp.
4	6	0.6	16-21-16-13	RN11B0406	Same as above (slight odor).
6	8	1.0	8-9-9-8	RN11B0608	SAND (60%) black-brown, coarse to medium; Gravel (30%) coarse to fine, sub-round; Assorted Material (10%) brick, wire, glass, cinders; poorly sorted, slight odor, moist.
8	10	1.0	8-10-6-3	RN11B0810	ASSORTED MATERIAL (60%) cinders, glass; Sand (35%) black-brown, coarse to fine; Silt (5%) grey-brown (lower section); poorly sorted, odor, sheen, wet-saturated.
10	12	0.4	1-1-1-9	RN11B1012	Same as above.
12	14	0.0	16-13-10-9		No recovery.
14	16	1.2	7-9-7-8	RN11B1416	SILT (70%) brown, grey, green, trace micaceous; Gravel (20%) medium, subangular, stained black; Sand (10%) brown-black, coarse to fine; odor, wet-saturated.
16	18	2.0	8-8-7-18	RN11B1618	SILT (80%) green-brown, trace micaceous; Sand (20%) brown, fine; trace gravel, moist-wet.
18	20	2.0	11-14-14-16	RN11B1820	Same as above.
					End of Boring; Water at 9.0 feet

GERAGHTY & MILLER, INC.
Environmental Services

SAMPLE/CORE LOG

Boring/Well NS-12 Project/No. AY05402 Page 1 of 1

Site Location GE, Newell Street Parking Lot Drilling Started 5/22/91 Drilling Completed 5/22/91

Total Depth Drilled 16 feet Hole Diameter 6 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 Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller George Helper Butch

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	0.6	10-12-15-22	RN12B0002	SAND (80%) brown to black, medium to coarse; Gravel (20%) fine,
					subangular to subrounded.
2	4	0.3	3-9-26-10	RN12B0204	SAND (90%) dark brown, fine to medium; Gravel (10%) fine, sub-
					rounded; trace brick.
4	6	0.2	7-7-6-6	RN12B0406	CONCRETE (60%) broken fragments; Sand (40%) brown, fine to
					coarse; trace glass, wood.
6	8	0.6	4-11-14-9	RN12B0608	SAND (60%) black to dark brown; medium, Coal (40%) black,
					charred; trace glass and wood.
8	10	1.5	5-3-4-5	RN12B0810	COAL (50%) crushed, black, saturated; Sand (50%) olive-brown,
					fine, at approximately 9 ft; odor.
10	12	1.8	6-3-6-8	RN12B1012	Fill/Natural Interface: Top 5" - SAND (20%), black and brown,
					medium; Coal (30%) crushed, black, in middle of spoon;
					Bottom 1 ft - Sand (50%) olive-brown, fine, wet.
12	14	1.2	6-3-3-4	RN12B1214	Sandy GRAVEL (100%); olive-brown sand mixed with gravel, fine,
					rounded, odor, saturated.
14	16	1.5	4-2-2-7	RN12B1416	Same as above, oily sheen on sediments.
					Depth to Water = 11 ft.
					Bottom of Fill = 11 ft.

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Environmental Services

SAMPLE/CORE LOG

Boring/Well NS-13 Project/No. AY05402 Page 1 of 1

Site Location GE, Newell Street Parking Lot Drilling Started 5/21/91 Drilling Completed 5/21/91

Total Depth Drilled 16 feet Hole Diameter 6 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 Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller George Helper Paul

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	1.2	4-5-12-8	RN13B0002	Auger through 2" asphalt: SAND (40%) brown at top, black at
					base, fine to medium; Gravel (60%) fine to medium, rounded;
					trace mica fragments.
2	4	1.7	5-7-6-9	RN13B0204	SAND (95%) brown, black, and white, fine to medium; Gravel (5%)
					fine, rounded; fill.
4	6	0.3	4-10-17-20	RN13B0406	SAND (80%) black, fine to medium; Foil, Waxed Paper, Ceramic
					Chips, Coal Fragments (20%); slight odor.
6	8	-	7-6-6-6	RN13B0608	No recovery, drilling through fill or void spaces.
8	10	0.2	5-6-3-2	RN13B0810	SAND (95%) black, fine to medium, strong odor;
					Gravel (5%) fine, rounded, moist. Drilled up tin cans, scrap
					aluminum, capacitor parts, oil rags, cable wires.
10	12	1.1	1-1-2-2	RN13B1012	PEAT (40%) brown, very light-weight; Sand (40%) brown, fine to
					medium; Wood Fragments (20%); change to olive-brown sand at
					base (1").
12	14	1.1	2-3-3-3	RN13B1214	Fill/Natural Interface: Sand SILT (90%) olive-brown, fine; River
					Sediments (10%) pebbles, rounded, small, wet, slight odor.
14	16	1.7	4-3-4-4	RN13B1416	SAND (60%) olive-green/brown, fine to medium; Gravel (40%) fine,
					rounded, well-sorted, wet.
					Depth to Water = 10 ft
					Bottom of Fill = 12 ft

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Environmental Services

SAMPLE/CORE LOG

Boring/Well NS-14 Project/No. AY05402 Page 1 of 1

Site Location GE, Newell Street Parking Lot Drilling Started 5/23/91 Drilling Completed 5/24/91

Total Depth Drilled 14 feet Hole Diameter 6 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 Hollow-Stem Auger

Drilling Contractor Clean Berkshires, Inc. Driller George Helper Butch

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	1.0	7-12-13-14	RN14B0002	SAND (60%) brown, fine to medium; Gravel (40%) coarse, rounded.
					Some clothing fabric in shoe.
2	4	1.5	20-13-9-7	RN14B0204	SAND (90%) brown, black, gold, fine to medium; Gravel (10%)
					fine, rounded.
4	6	1.8	2-1-1-1	RN14B0406	SAND (100%) black and yellow, fine to medium.
6	8	2.0	1-1-1-1	RN14B0608	Fill/Natural Interface: SAND (10%) black, fine, (top 1")-change
					to olive-green Sand (90%), fine, with roots, trace orange
					mottling.
8	10	1.8	4-3-4-7	RN14B0810	SAND (80%) olive-brown, stained black, fine; Gravel (20%) river
					sediments, rounded, well-sorted, strong odor.
10	12	1.1	11-13-11-14	RN14B1012	SAND (60%), stained black, medium, moist to wet, hydrocarbon
					odor; Sand (30%) olive-green, very fine, wet; Gravel (10%) fine,
					rounded.
12	14	1.2	5-5-7-6	RN14B1214	SAND and medium to coarse GRAVEL mixture (100%) stained black,
					saturated, oily sheen, very strong odor.
					Depth to Water = 10 ft.
					Bottom of Fill = 7 ft.

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SAMPLE/CORE LOG

Boring/Well GE-9 Project/No. AY05402 Page 1 of 1

Site Location GE-Wooded Lot (E of Newell St. Parking Lot) Drilling Started 12/12/91 Drilling Completed 12/12/91

Total Depth Drilled 12 feet Hole Diameter 2 inches Type of Sample/ Coring Device Split Spoon

Length and Diameter of Coring Device 2'x2" Sampling Interval 2 feet

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

Drilling Fluid Used None Drilling Method Tripod and Hammer

Drilling Contractor Clean Berkshires, Inc. Driller F. Newton Helper G. Rustemeyer

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	2.0	1-2-4-2	RNG090002	Fill - SAND (50%) brown, coarse to fine; Silt (50%) brown;
					organics, (top soil), moist.
2	4	1.2	6-3-4-2	RNG090204	Fill - SAND (40%) brown, coarse to fine; Silt (40%) brown; Sand
					(20%) black, fine with white particles (salt and pepper); trace
					gravel, cinders, damp-moist.
4	6	0.4	2-2-2-2	RNG090406	Fill/Natural - SAND (70%) brown, coarse to medium, semi-loose;
					Silt (20%) brown; Gravel (10%) coarse to fine, subangular to
					subround; poorly sorted, damp.
6	8	2.0	2-2-1-2	RNG090608	SAND (50%) brown, coarse to fine; Silt (50%) brown; trace
					black speckling (organics?), soft, moist-wet.
8	10	1.8	3-4-6-8	RNG090810	SAND (60%) brown, coarse to medium; Gravel (40%) fine, trace
					coarse to medium; trace silt, wet.
10	12	1.8	6-4-6-8	RNG091012	Same as above.
	12				End of Boring
					Water at 8.0 feet

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Environmental Services

SAMPLE/CORE LOG

Boring/Well GE-10 Project/No. AY05402 Page 1 of 1

Site Location GE-Wooded Lot (E of Newell St. Parking Lot) Drilling Started 12/11/91 Drilling Completed 12/11/91

Total Depth Drilled 12 feet Hole Diameter 2 inches Type of Sample/ Coring Device Split Spoon

Length and Diameter of Coring Device 2'x2" Sampling Interval 2 feet

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

Drilling Fluid Used None Drilling Method Tripod and Hammer

Drilling Contractor Clean Berkshires, Inc. Driller F. Newton Helper G. Rustemeyer

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	2-1-4-3	RNG100002	SAND (50%) brown, coarse to fine; Gravel (25%) coarse to fine,
					subround; Silt (25%) brown; poorly sorted, moist.
2	4	2.0	7-9-5-7	RNG100204	Same as above.
4	6	1.1	7-4-3-4	RNG100406	SAND (95%) brown-orange, coarse to medium, semi-loose; Gravel
					(5%) coarse to fine, subangular; damp-moist.
6	8	1.5	6-6-8-8	RNG100608	Same as above.
8	10	1.0	22-16-11-8	RNG100810	GRAVEL (60%) coarse to fine, subround; Sand (40%) brown, coarse
					to medium; trace silt, poorly sorted, moist-wet.
10	12	2.0	9-8-4-3	RNG101012	Same as above (wet-saturated).
	12				End of Boring
					Water at 10.0 feet

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Environmental Services

SAMPLE/CORE LOG

Boring/Well GE-11 Project/No. AY05402 Page 1 of 1

Site Location GE-Wooded Lot (east of Newell St. Pk. lot) Drilling Started 12/12/91 Drilling Completed 12/12/91

Total Depth Drilled 12 feet Hole Diameter 2 inches Type of Sample/ Coring Device Split Spoon

Length and Diameter of Coring Device 2'x2" Sampling Interval 2 feet

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

Drilling Fluid Used None Drilling Method Tripod and Hammer

Drilling Contractor Clean Berkshires, Inc. Driller F. Newton Helper G. Rustemeyer

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	2.0	3-7-7-7	RNG110002	Fill - SAND (80%) brown, coarse to fine, semi-loose; Gravel
					(15%) coarse to fine, subround; Assorted Fill (5%) screws,
					cellophane-like material, brick; poorly sorted, damp.
2	4	2.0	6-5-6-6	RNG110204	Fill - SAND (95%) brown, coarse to medium, semi-loose, well
					sorted; Gravel (5%) coarse to fine, subround; trace brick, "salt
					and pepper" material, damp.
4	6	1.5	6-6-6-8	RNG110406	SAND (90%) brown, coarse, trace medium, semi-loose; Gravel
					(10%) coarse to medium, angular to subangular; poorly sorted,
					damp.
6	8	1.0	7-5-5-4	RNG110608	SAND (50%) brown, coarse; Gravel (50%) coarse to medium,
					subround to rounded; poorly sorted, semi-loose, damp.
8	10	1.1	10-13-7-5	RNG110810	Same as above (wet).
10	12	1.0	5-4-4-5	RNG111012	Same as above (trace grey silt in shoe; wet-saturated).
	12				End of Boring
					Water at 10.0 feet

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SAMPLE/CORE LOG

Boring/Well GE-12 Project/No. AY05402 Page 1 of 1

Site Location GE-Moldmaster Parking Lot (Newell Street) Drilling Started 12/11/91 Drilling Completed 12/11/91

Total Depth Drilled 14 feet Hole Diameter 2 inches Type of Sample/ Coring Device Split Spoon

Length and Diameter of Coring Device 2'x2" Sampling Interval 2 feet

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

Drilling Fluid Used None Drilling Method Tripod and Hammer

Drilling Contractor Clean Berkshires, Inc. Driller F. Newton Helper G. Rustemeyer

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	2.0	11-5-7-16	RNG120002	SAND (80%) brown, coarse to medium; Gravel (20%) coarse to fine,
					subround; poorly sorted, trace silt, moist.
2	4	2.0	7-5-3-5	RNG120204	SAND (50%) brown, coarse to medium, loose; Silt (25%) brown;
					Gravel (25%) coarse to fine, subround; moderately well sorted,
					moist.
4	6	2.0	4-4-3-3	RNG120406	SAND (90%) brown, coarse to medium, loose, Gravel (10%) coarse
					to fine, subround; trace silt, damp-moist.
6	8	2.0	4-3-3-3	RNG120608	Same as above.
8	10	1.0	3-2-3-3	RNG120810	Upper 75% same as above; lower 25% GRAVEL (80%) coarse to fine,
					round to subround; Sand (20%) brown, coarse to fine; poorly
					sorted, semi-compact, moist-wet.
10	12	1.5	3-4-6-10	RNG121012	GRAVEL and SAND (same as lower above).
12	14	1.0	7-13-8-5	RNG121214	Same as above.
	14				End of Boring
					Water at 10.0 feet

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SAMPLE/CORE LOG

Boring/Well RB-6 Project/No. AY05402 Page 1 of 1

Site Location GE - Newell Street Parking Lot Drilling Started 5-21-91 Drilling Completed 5-21-91

Total Depth Drilled 4 feet Hole Diameter 4 inches Type of Sample/ Coring Device Hand Auger

Length and Diameter of Coring Device 1' x 4" Sampling Interval 2 feet

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

Drilling Fluid Used None Drilling Method _____

Drilling Contractor _____ Driller _____ Helper _____

Prepared By A. LaBarge Hammer Weight _____ Hammer Drop _____ 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	-	-	RNRB60002	SAND (70%) brown, fine to medium; Silt (20%) brown to dark
					brown, slightly micaceous; Gravel (10%) fine, varicolored,
					subangular.
2	4	-	-	RNRB60204	SAND (50%) brown to dark brown, fine; Silt (40%) dark brown to
					dark gray, micaceous; Gravel (10%) fine, varicolored, subangular
					to subrounded.

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SAMPLE/CORE LOG

Boring/Well RB-7 Project/No. AY05402 Page 1 of 1

Site Location GE - Newell Street Parking Lot Drilling Started 5-21-91 Drilling Completed 5-21-91

Total Depth Drilled 4 feet Hole Diameter 4 inches Type of Sample/ Coring Device Hand Auger

Length and Diameter of Coring Device 1' x 4" Sampling Interval 2 feet

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

Drilling Fluid Used None Drilling Method _____

Drilling Contractor _____ Driller _____ Helper _____

Prepared By A. LaBarge Hammer Weight _____ Hammer Drop _____ 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	-	-	RNRB70002	SAND (60%) brown, fine to medium; Silt (30%) brown to dark
					brown, micaceous; Gravel (10%), fine, varicolored, subangular to
					subrounded.
2	4	-	-	RNRB70204	SAND (50%) brown to dark brown, fine; Silt (30%) dark brown to
					dark gray, micaceous; Gravel (20%) fine, varicolored,
					subrounded.