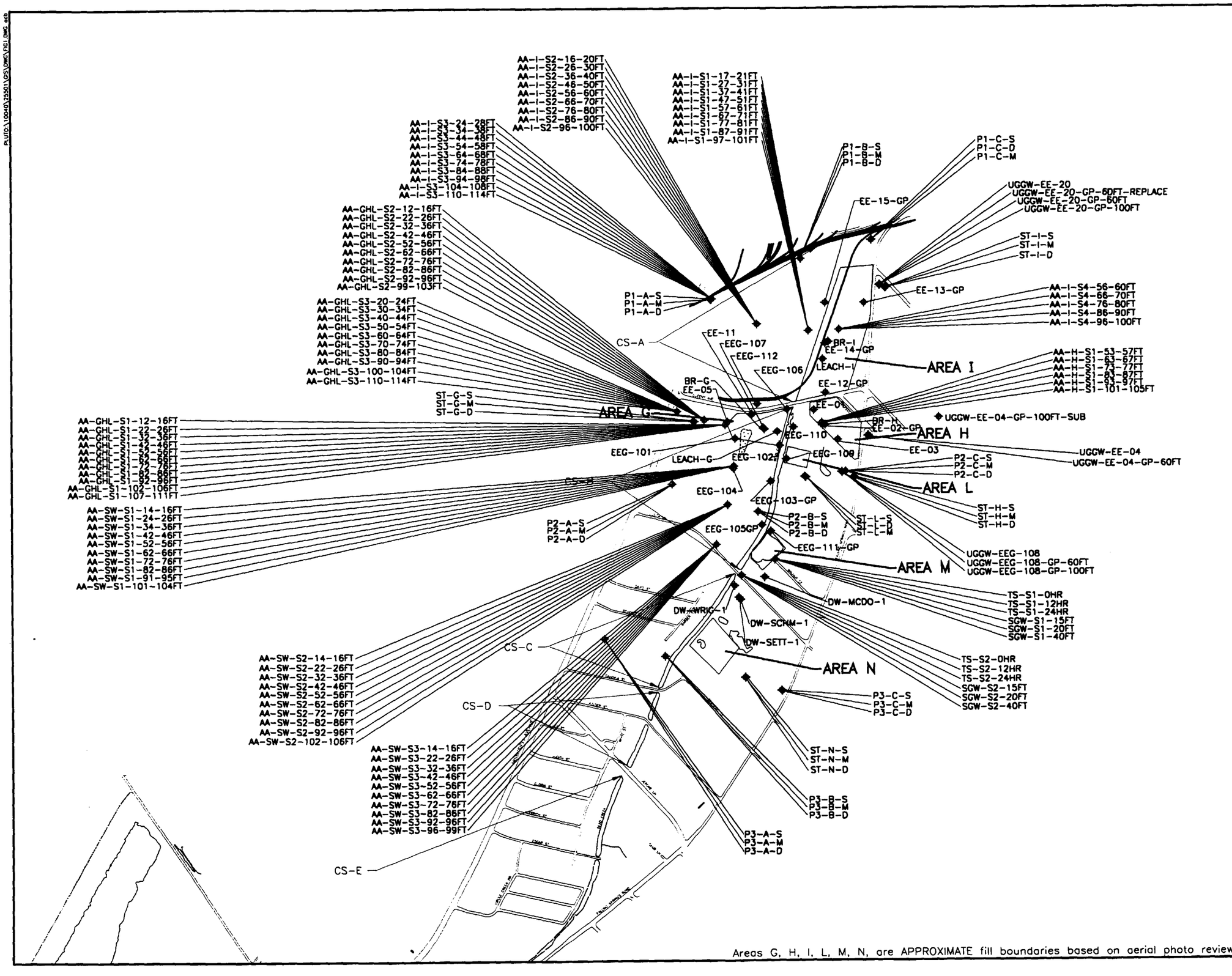
Figures

FIGURE 1



Areas G, H, I, L, M, N, are APPROXIMATE fill boundaries based on aerial photo review.

LEGEND

- GROUND WATER SAMPLING LOCATION
- CS-A — CREEK SEGMENT
- AREA H — FILL AREA
- WATER BODY

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

GROUND WATER SAMPLING LOCATIONS

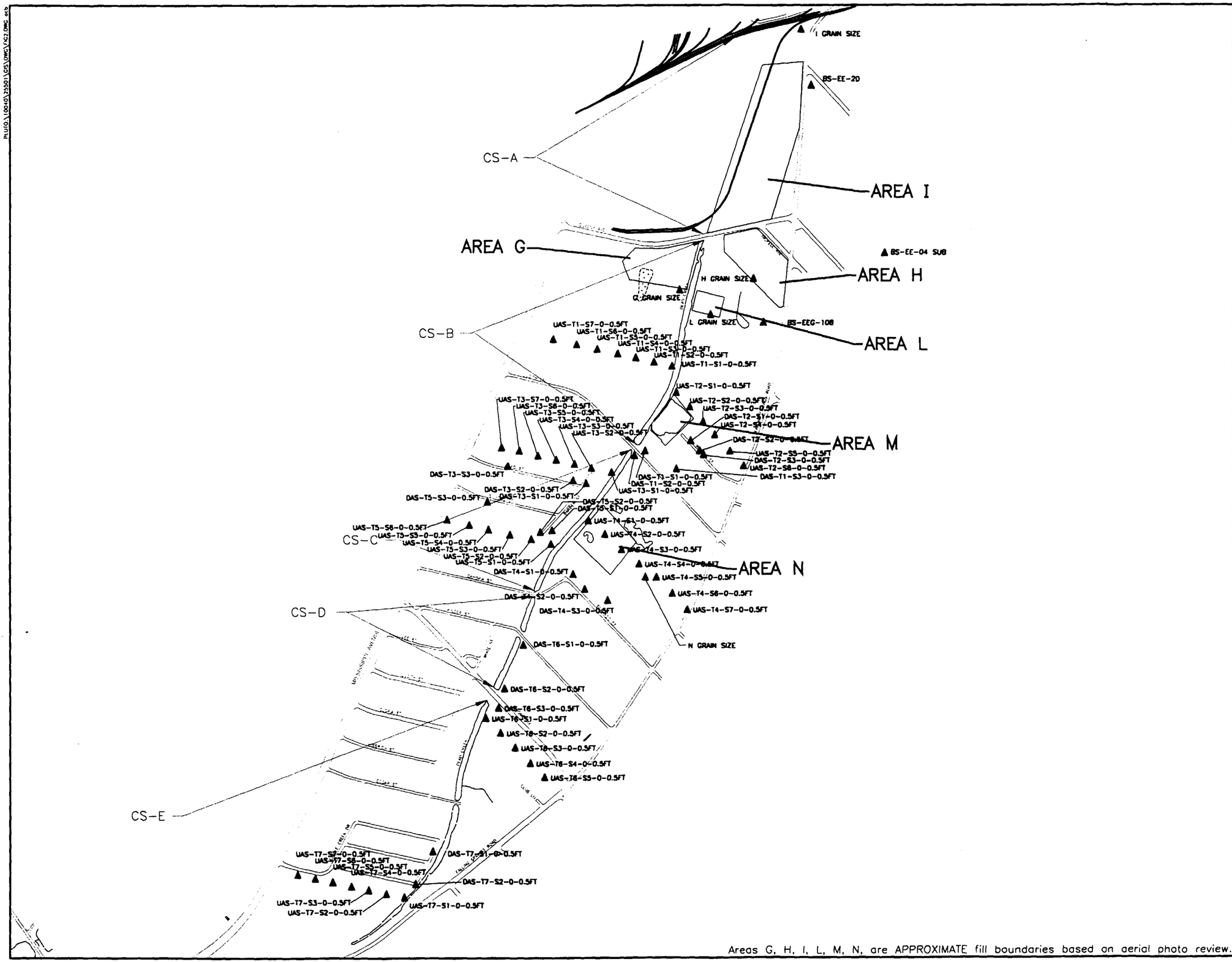
500 0 500
SCALE IN FEET

FILE NO. 25501.FIG1
SEPTEMBER 2000

O'BRIEN & GERE ENGINEERS, INC.

PLOTD:\1024D\25501\GIS\DWG\FIG1.DWG, eab

FIGURE 2



Areas G, H, I, L, M, N, are APPROXIMATE fill boundaries based on aerial photo review.

LEGEND

▲ SOIL SAMPLING LOCATION

CS-A CREEK SEGMENT

AREA H FILL AREA

WATER BODY

NOTE: SURFACE SOILS WERE COLLECTED AT 0-5ft. SUBSURFACE SOILS WERE COLLECTED AT 3-6ft. SAMPLE IDENTIFICATIONS ARE DEPICTED FOR SURFACE SOILS SAMPLES.

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

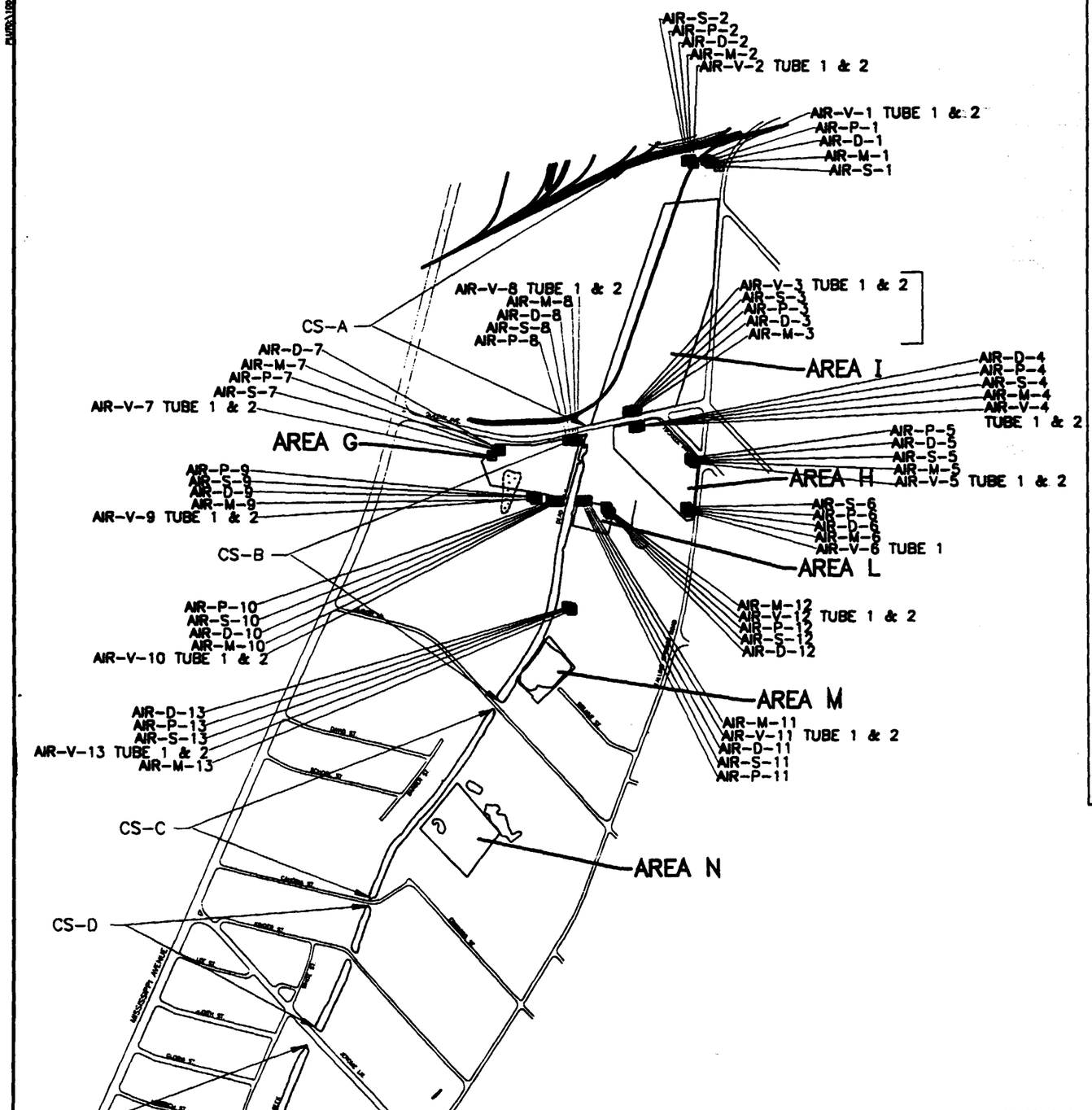
SOIL SAMPLING LOCATIONS

400 0 400
SCALE IN FEET

FILE NO. 25501.FIG2
SEPTEMBER 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 3



15-Sep-00

SAUGET AREA 1
AIR SAMPLING ID
WIND LOCATION, REFERENCE NO. AND SAMPLER NO.

SAMPLE I	UPWIND	DOWNWIND	SITE	REFERENCE NO.	SAMPLER NO.
AIR-V-1		X	I	DW#2	
AIR-P-1		X	I	DW#2	1
AIR-D-1		X	I	DW#2	8
AIR-M-1		X	I	DW#2	
AIR-S-1		X	I	DW#2	4
AIR-V-2		X	I	DW#1	
AIR-P-2		X	I	DW#1	-
AIR-D-2		X	I	DW#1	9
AIR-M-2		X	I	DW#1	
AIR-S-2		X	I	DW#1	3
AIR-V-3	X		I	UP#1	
AIR-P-3	X		I	UP#1	5
AIR-D-3	X		I	UP#1	12
AIR-M-3	X		I	UP#1	
AIR-S-3	X		I	UP#1	6
AIR-V-4		X	H	DW#2	
AIR-P-4		X	H	DW#2	15
AIR-D-4		X	H	DW#2	2
AIR-M-4		X	H	DW#2	
AIR-S-4		X	H	DW#2	10
AIR-V-5		X	H	DW#1	
AIR-P-5		X	H	DW#1	14
AIR-D-5		X	H	DW#1	11
AIR-M-5		X	H	DW#1	
AIR-S-5		X	H	DW#1	16
AIR-V-6	X		H	UP#1	
AIR-P-6	X		H	UP#1	33
AIR-D-6	X		H	UP#1	39
AIR-M-6	X		H	UP#1	
AIR-S-6	X		H	UP#1	17
AIR-V-7		X	G	DW#1	
AIR-P-7		X	G	DW#1	13
AIR-D-7		X	G	DW#1	32
AIR-M-7		X	G	DW#1	
AIR-S-7		X	G	DW#1	38
AIR-V-8		X	G	DW#2	
AIR-P-8		X	G	DW#2	31
AIR-D-8		X	G	DW#2	18
AIR-M-8		X	G	DW#2	
AIR-S-8		X	G	DW#2	19
AIR-V-9	X		G	UP#1	
AIR-P-9	X		G	UP#1	22
AIR-D-9	X		G	UP#1	26
AIR-M-9	X		G	UP#1	
AIR-S-9	X		G	UP#1	28
AIR-V-10	X		G	UP#2	
AIR-P-10	X		G	UP#2	34
AIR-D-10	X		G	UP#2	27
AIR-M-10	X		G	UP#2	
AIR-S-10	X		G	UP#2	21
AIR-V-11		X	L	DW#1	
AIR-P-11		X	L	DW#1	20
AIR-D-11		X	L	DW#1	36
AIR-M-11		X	L	DW#1	
AIR-S-11		X	L	DW#1	37
AIR-V-12		X	L	DW#2	
AIR-P-12		X	L	DW#2	29
AIR-D-12		X	L	DW#2	35
AIR-M-12		X	L	DW#2	
AIR-S-12		X	L	DW#2	30
AIR-V-13	X		L	UP#1	
AIR-P-13	X		L	UP#1	25
AIR-D-13	X		L	UP#1	24
AIR-M-13	X		L	UP#1	
AIR-S-13	X		L	UP#1	23

LEGEND

- AIR SAMPLING LOCATION
- CS-A — CREEK SEGMENT
- AREA H — FILL AREA
- WATER BODY

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

AIR SAMPLING LOCATIONS

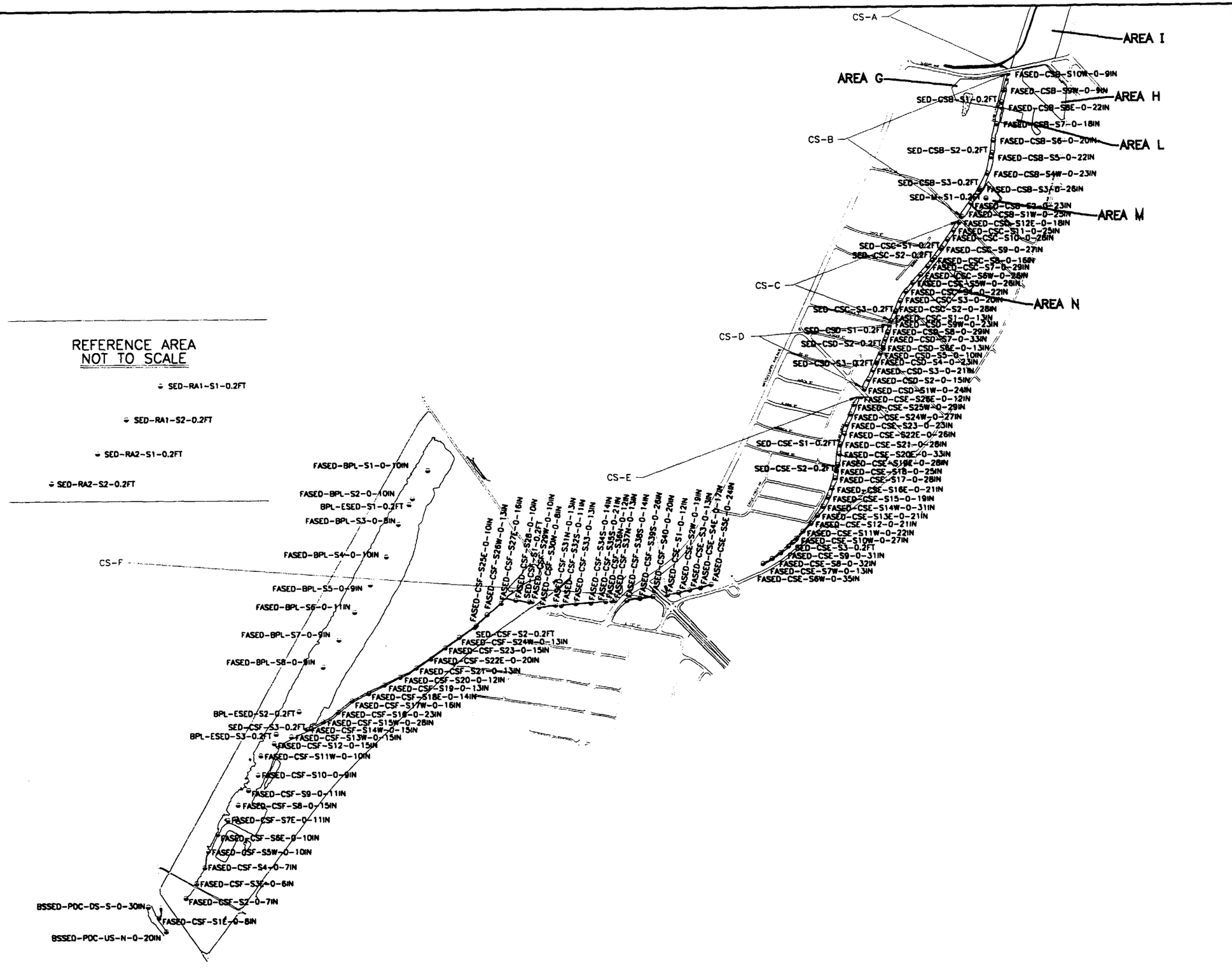
400 0 400
SCALE IN FEET

FILE NO. 25501.FIG3
SEPTEMBER 2000

O'BRIEN & GERE ENGINEERS, INC.

Areas G, H, I, L, M, N, are APPROXIMATE fill boundaries based on aerial photo review.

FIGURE 4



Areas G, H, I, L, M, N, are APPROXIMATE fill boundaries based on aerial photo review.

LEGEND

- SEDIMENT SAMPLE LOCATION
- CS-A CREEK SEGMENT
- AREA H FILL AREA
- WATER BODY

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

SEDIMENT SAMPLE LOCATIONS

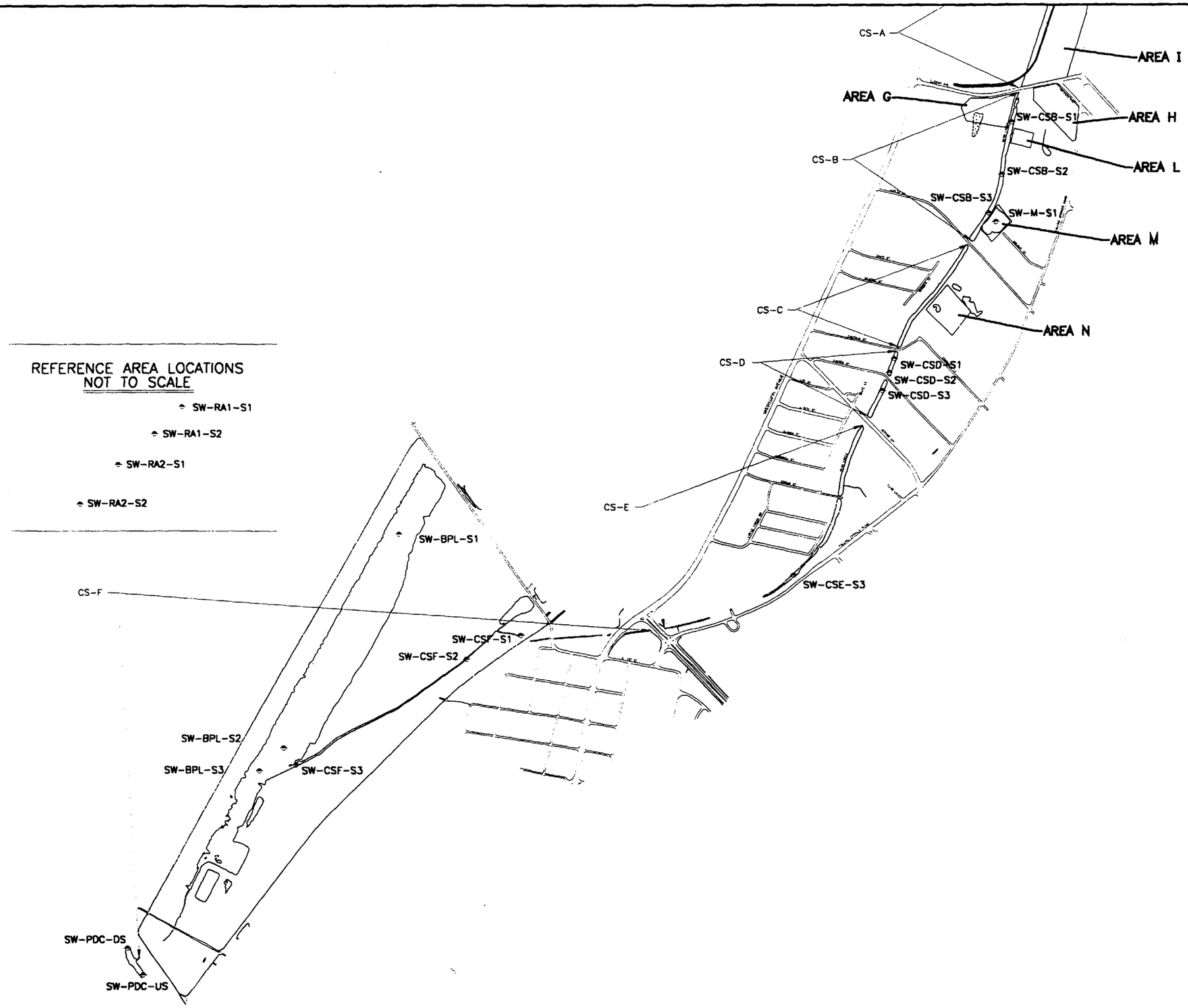
600 0 600
SCALE IN FEET

FILE NO. 25501.FIG4
SEPTEMBER 2000

O'BRIEN & GERE ENGINEERS, INC.

PLOTD:\10040\25501\GIS\DWG\GIS-FIG4.DWG, eab

FIGURE 5



Areas G, H, I, L, M, N, are APPROXIMATE fill boundaries based on aerial photo review.

LEGEND

- SURFACE WATER SAMPLING LOCATION
- CS-A CREEK SEGMENT
- AREA H FILL AREA
- WATER BODY

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

SURFACE WATER SAMPLE LOCATIONS

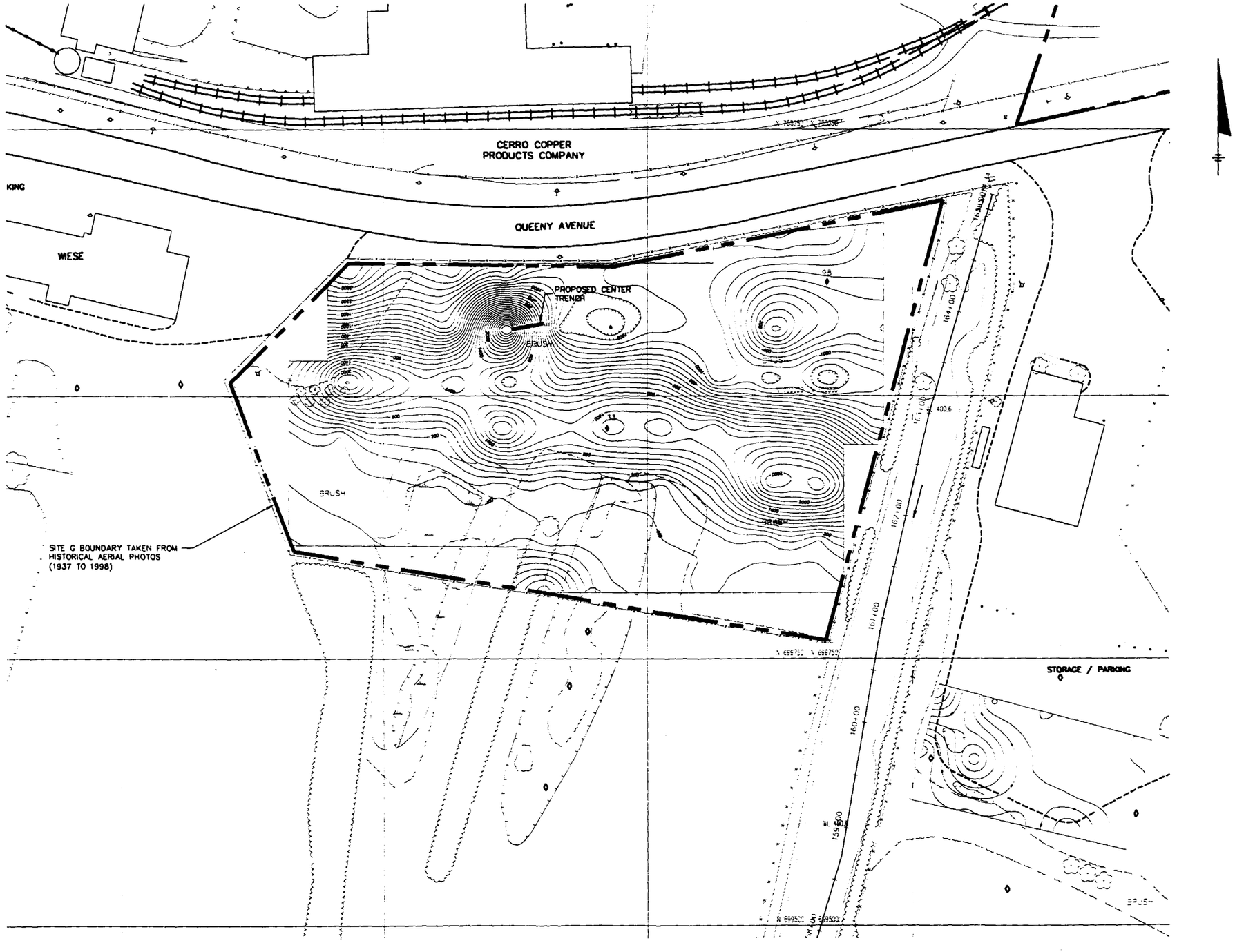
600 0 600
SCALE IN FEET

FILE NO. 25501.FIG5
SEPTEMBER 2000

O'BRIEN & GERE ENGINEERS, INC.

PLUTO:\10040\25501\GIS\DWG\FIG5.DWG ecb

DWG PATH: I:\PROJECTS\10040\23548\DWG\SP100.DWG 1=1



NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPORATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

LEGEND

- ♦ 3'-5' SOIL GAS DETECTS
- ◊ 3'-5' SOIL GAS NON-DETECTS
- ▬ PROPOSED CENTER TRENCH

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET CAHOKIA, ILLINOIS

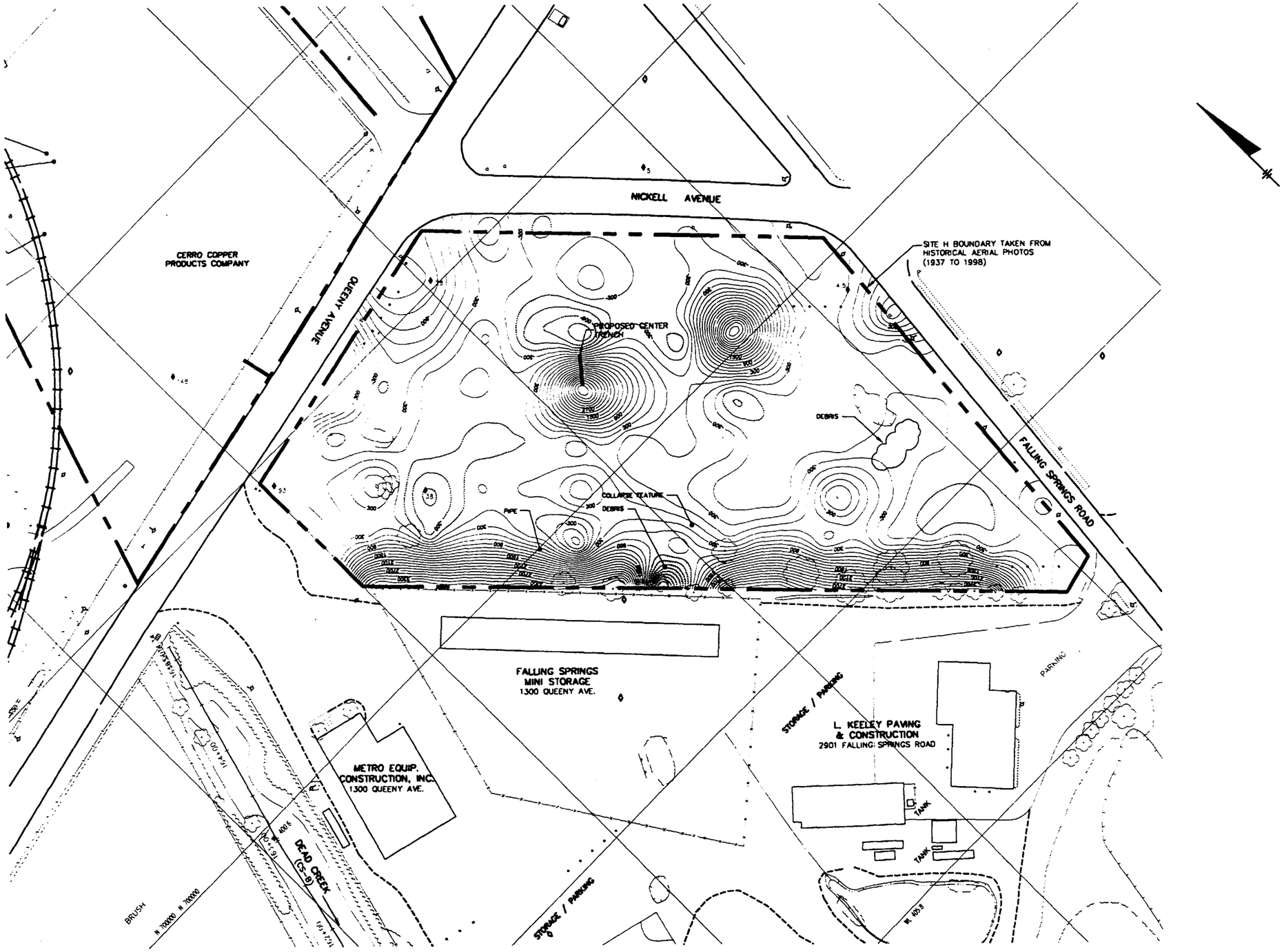
MAGNETOMETER CONTOURS &
SOIL GAS SURVEY
SITE G

FILE NO. 23548.002.04
DATE SEPT. 2000

FIGURE 6

PLOT DATE: 8/1/00

DWG PATH: I:\PROJECTS\1004...548\DWG\SP100.DWG 1=1



NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPORATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

LEGEND

- 3'-5' SOIL GAS DETECTS
- 3'-5' SOIL GAS NON-DETECTS
- PROPOSED CENTER TRENCH

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

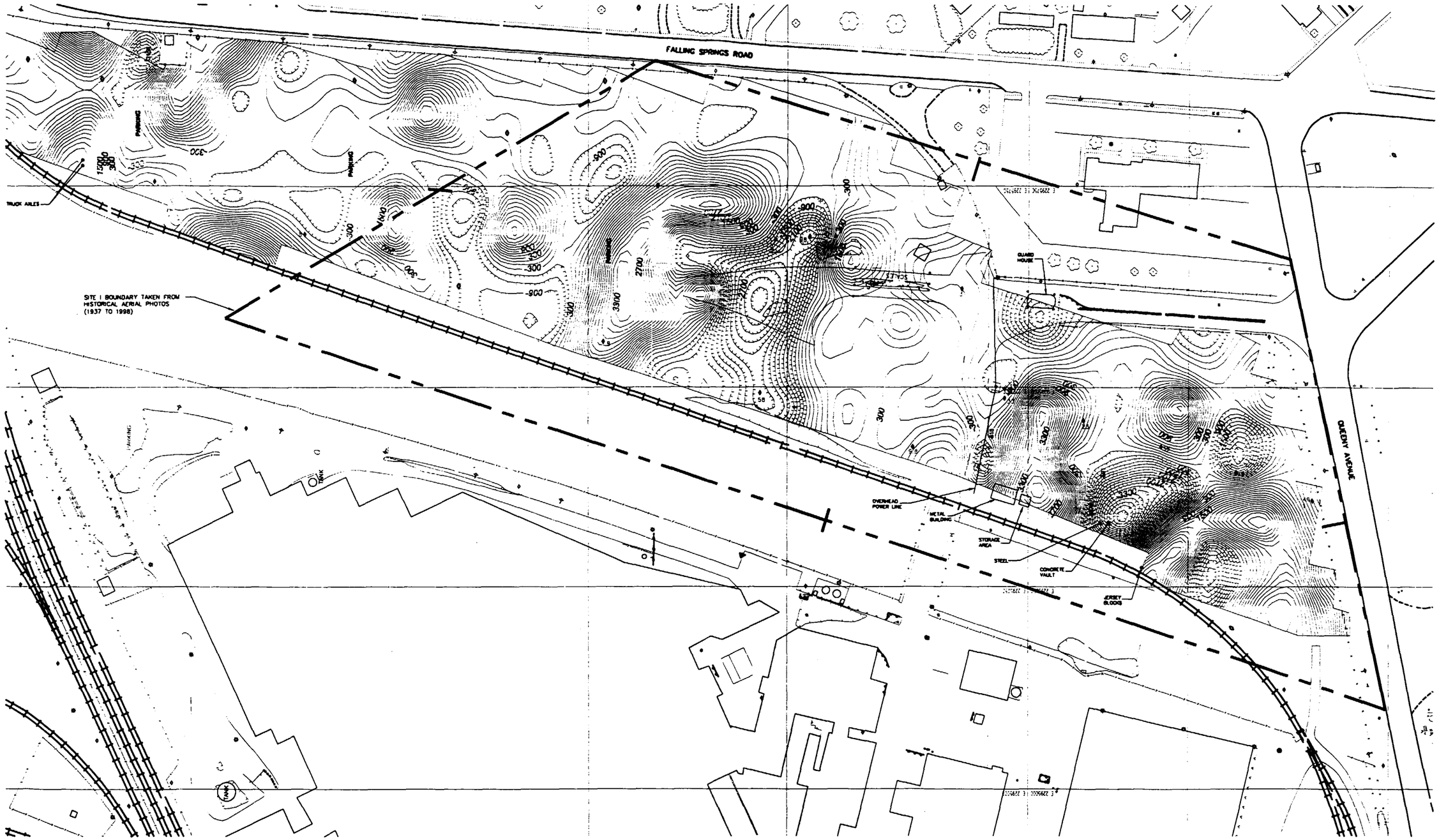
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

MAGNETOMETER CONTOURS & SOIL GAS SURVEY
SITE H

FILE NO. 23548.002.02
DATE SEPT. 2000

FIGURE 7

PLOT DATE: 8/1/00



NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPORATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

LEGEND

- PROPOSED BOUNDARY TRENCH
- 3'-5' SOIL GAS DETECTS
- 3'-5' SOIL GAS NON-DETECTS

1"=60' 60 0 60 120

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

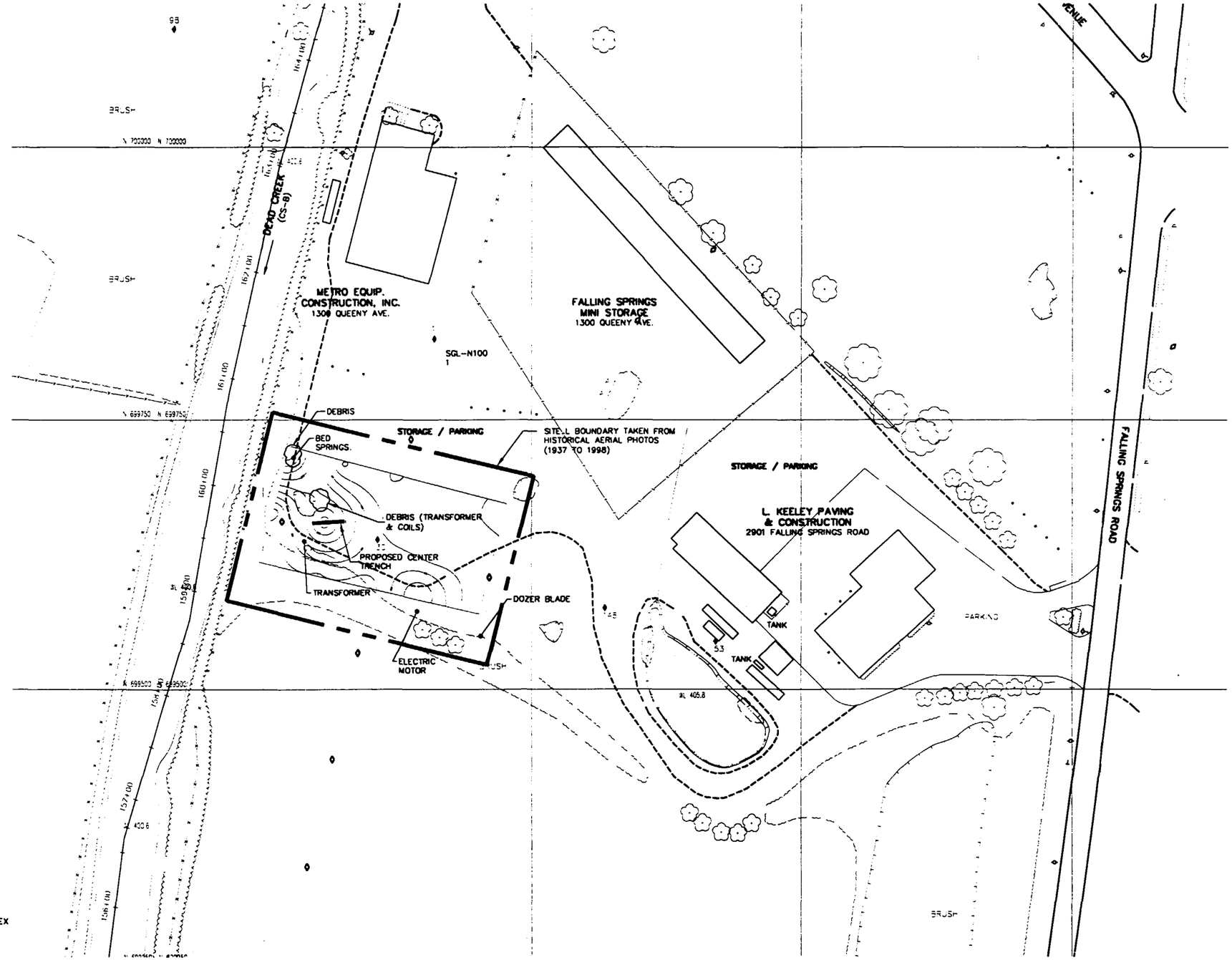
MAGNETOMETER CONTOURS & SOIL GAS SURVEY
SITE I

FILE NO. 23548.002.06
DATE SEPT. 2000

FIGURE 8

DWG PATH: I:\PROJECTS\10040Y\23548\DWG\SP100.DWG 1

PLOT DATE: 8/1/00



NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPORATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

LEGEND

- 3'-5' SOIL GAS DETECTS
- 3'-5' SOIL GAS NON-DETECTS
- PROPOSED CENTER TRENCH

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

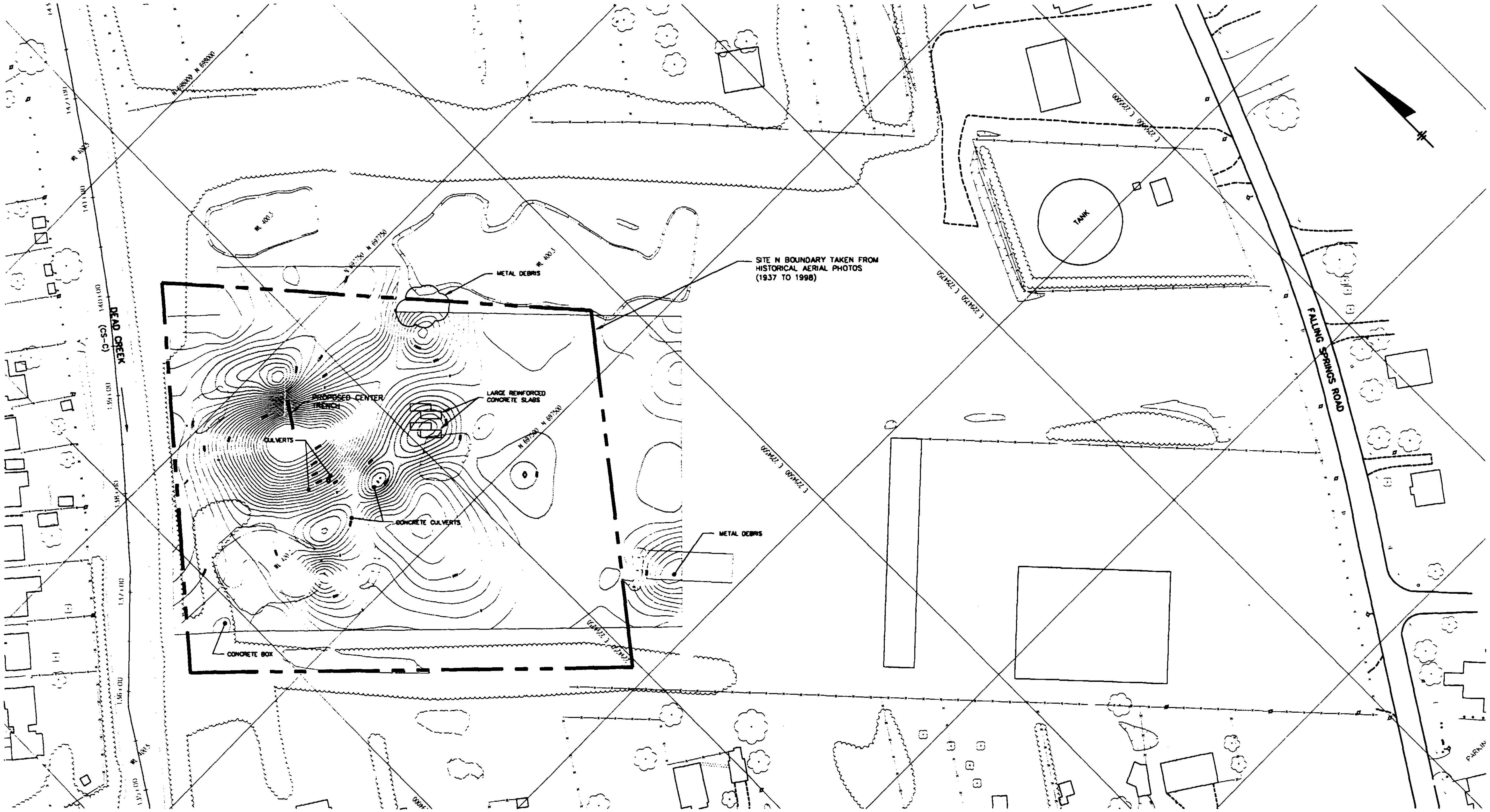
MAGNETOMETER CONTOURS & SOIL GAS SURVEY
SITE L

FILE NO. 23548.002.05
DATE SEPT. 2000

FIGURE 9

DWG PATH: I:\PROJECTS\10...\3548\DWG\SP100.DWG 1=...

PLOT DATE: 8/1/00



NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPORATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

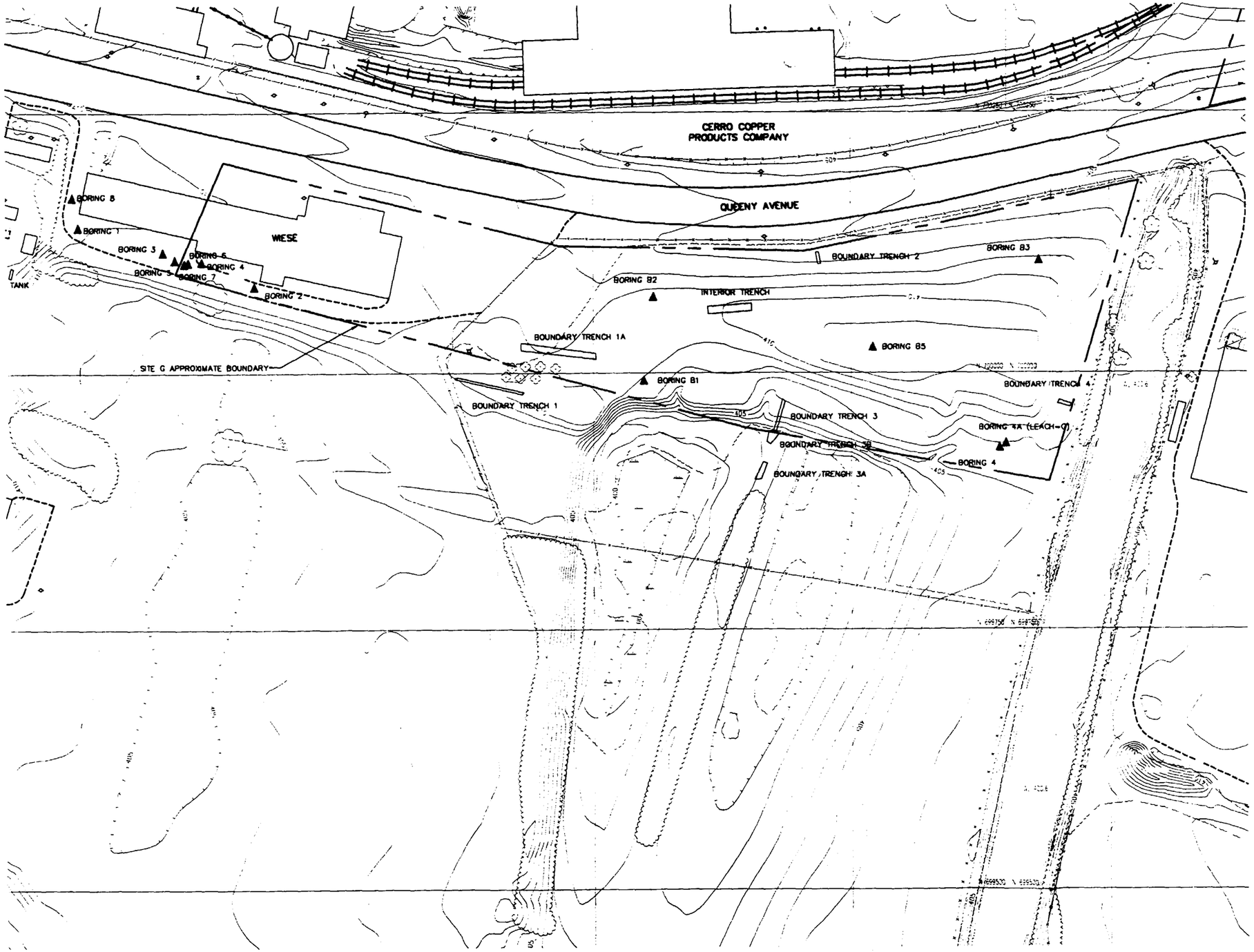
LEGEND

- ♦ 3'-5' SOIL GAS DETECTS
- ◊ 3'-5' SOIL GAS NON-DETECTS
- ▬ PROPOSED CENTER TRENCH

1"=50' (scale 50 0 50 100)	O'BRIEN & GERE ENGINEERS INC.	SOLUTIA INC REMEDIATION TECHNOLOGY GROUP ST. LOUIS, MISSOURI	SAUGET AREA 1 SUPPORT SAMPLING PLAN SAUGET & CAHOKIA, ILLINOIS	MAGNETOMETER CONTOURS & SOIL GAS SURVEY **SITE N**	FILE NO. 23548.002.01 DATE SEPT. 2000	FIGURE 10

DWG PATH: I:\PROJECTS\1004\...548\DWG\SP100.DWG 1=1

PLOT DATE: 8/1/00



NOTE:

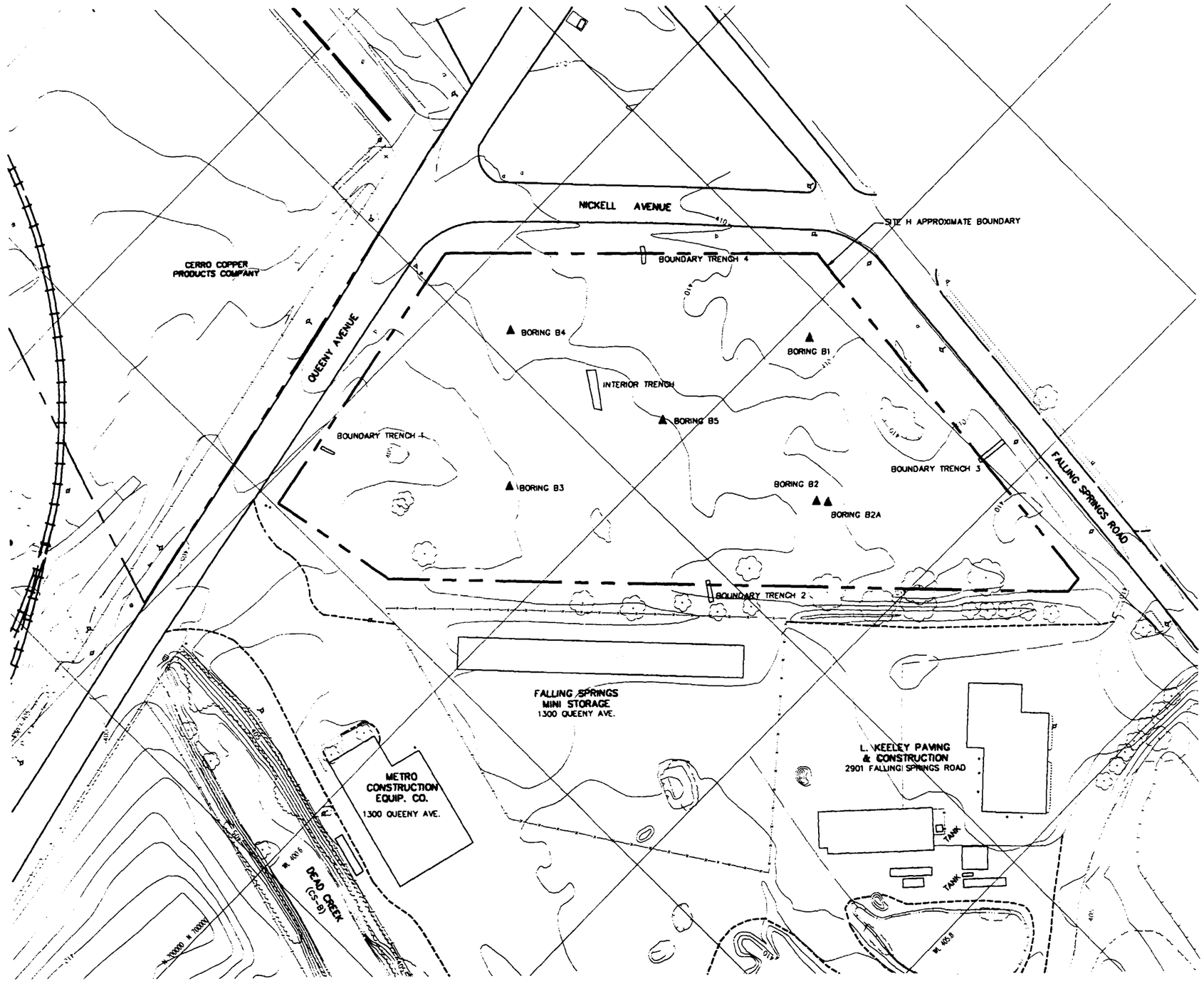
TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPORATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

DWG PATH: I:\PROJECTS\10040\23548\DWG ...\CHBORING.DWG 1=1

LOT DATE: 8/1/00

1"=50' 50 0 50 100	O'BRIEN & GERE ENGINEERS INC.	SOLUTIA INC REMEDIATION TECHNOLOGY GROUP ST LOUIS, MISSOURI	SAUGET AREA 1 SUPPORT SAMPLING PLAN SAUGET & CAHOKIA, ILLINOIS	TEST TRENCHES AND WASTE SAMPLING SITE G	FILE NO. 23548.090 DATE SEPT. 2000	FIGURE 11

DWG PATH: I:\PROJECTS\10040\23548 \TRENCHBORING.DWG 1=



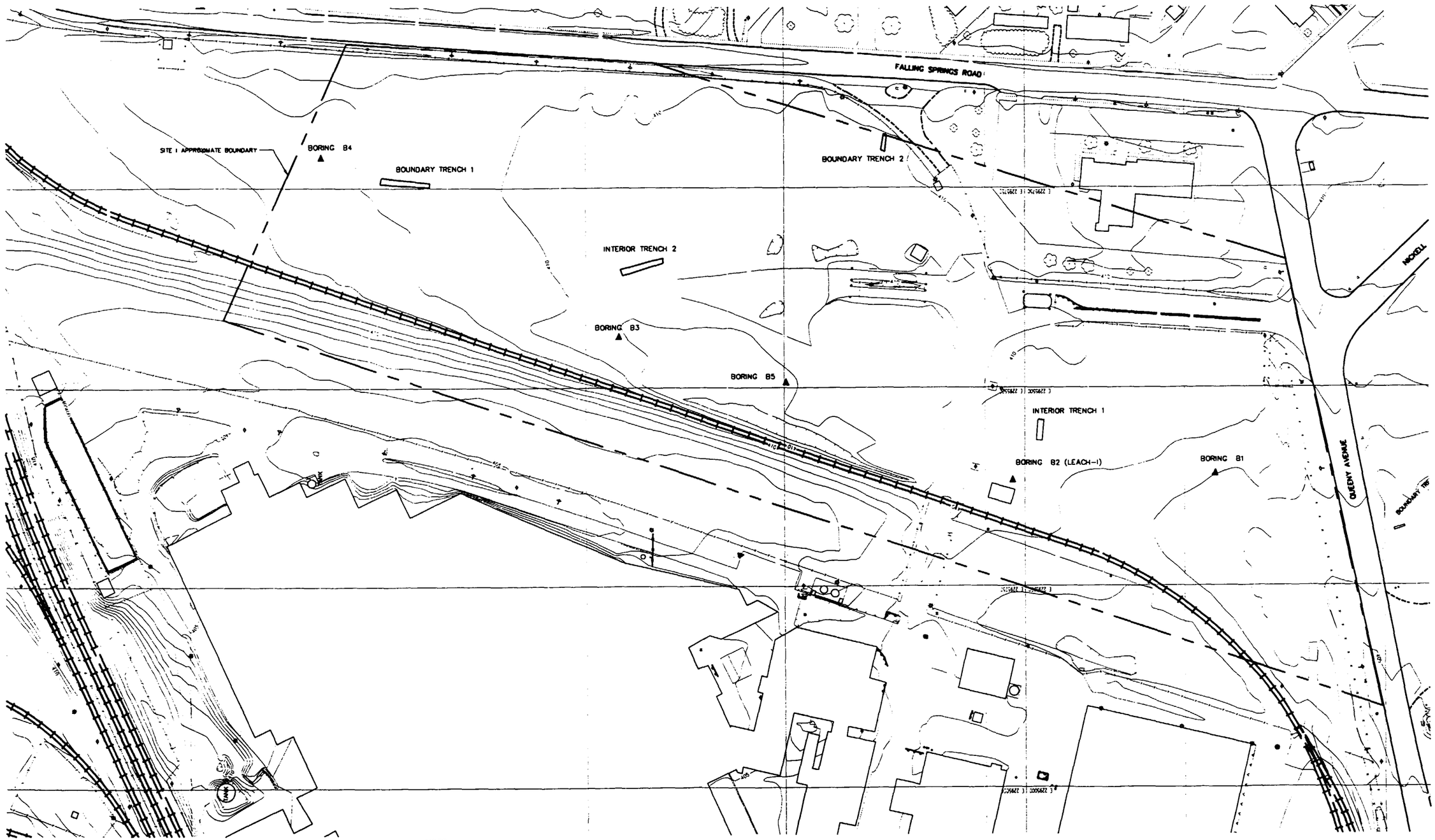
NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

PLOT DATE: 8/1/00

1"=50' 50 0 50 100	O'BRIEN & GERE ENGINEERS INC.	SOLUTIA INC REMEDIATION TECHNOLOGY GROUP ST LOUIS, MISSOURI	SAUGET AREA 1 SUPPORT SAMPLING PLAN SAUGET & CAHOKIA, ILLINOIS	TEST TRENCHES AND WASTE SAMPLING SITE H	FILE NO. 23548.090 DATE SEPT. 2000	FIGURE 12

DWG PATH: I:\PROJECTS\10040\23548\... \TRENCHBORING.DWG 1=1



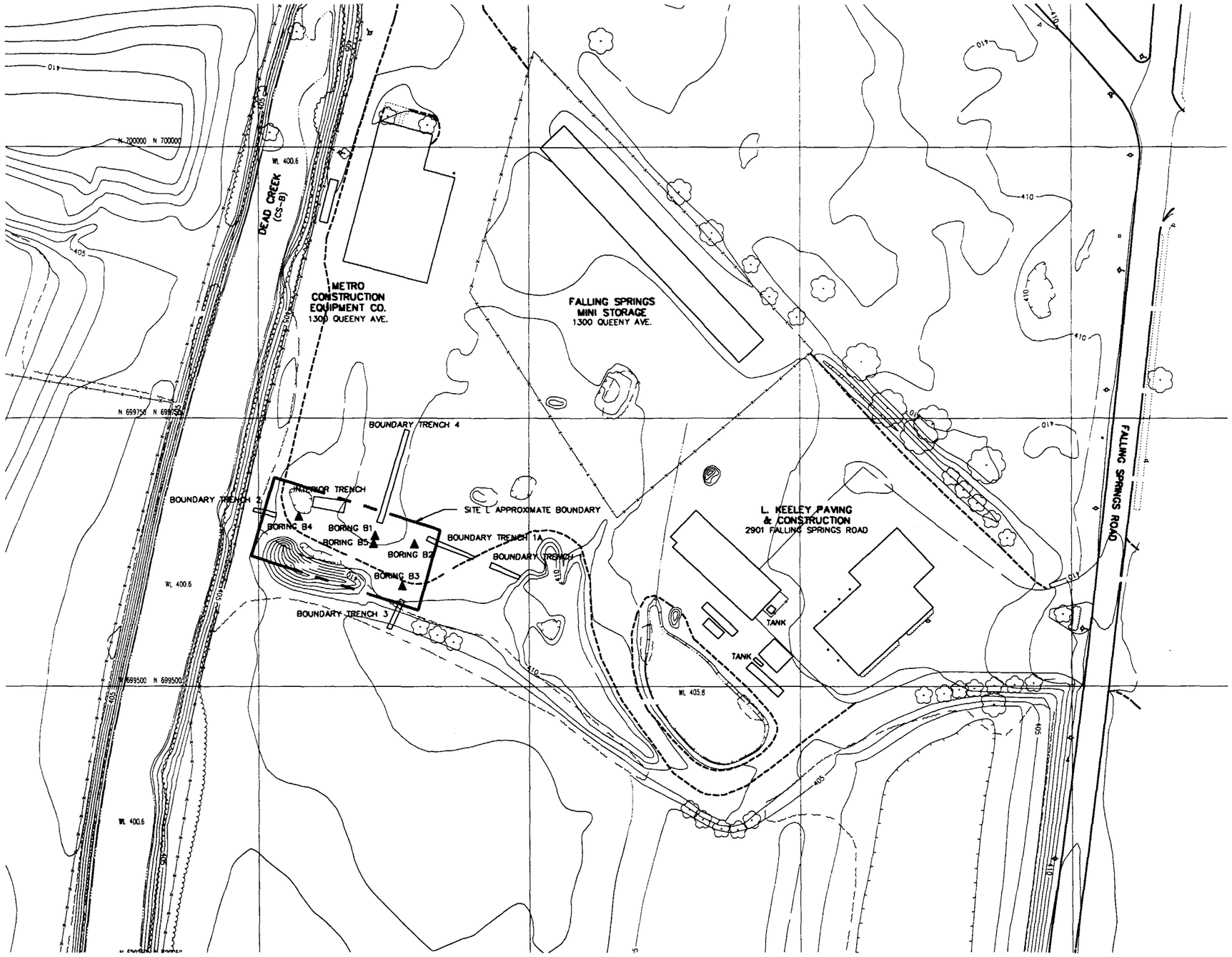
NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

1"=60' 60 0 60 120	O'BRIEN & GERE ENGINEERS INC.	SOLUTIA INC REMEDIATION TECHNOLOGY GROUP ST LOUIS, MISSOURI	SAUGET AREA 1 SUPPORT SAMPLING PLAN SAUGET & CAHOKIA, ILLINOIS	TEST TRENCHES AND WASTE SAMPLING SITE I	FILE NO. 23548.090 DATE SEPT. 2000	FIGURE 13

PLOT DATE: 8/1/00

DWG PATH: I:\PROJECTS\10040\2354 \TRENCHBORING.DWG 1=1



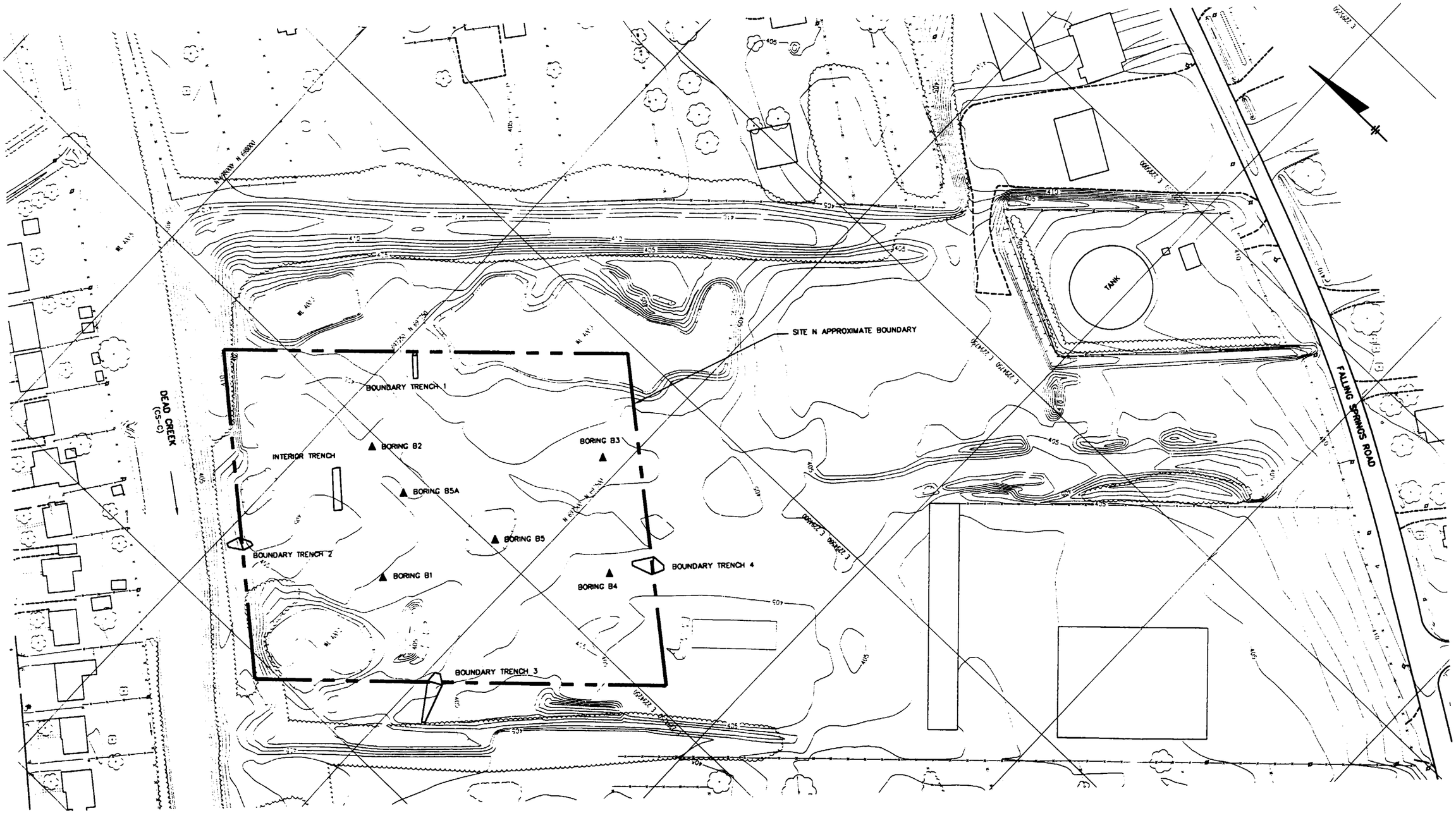
NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

PLOT DATE: 8/1/

1"=50' 50 0 50 100	O'BRIEN & GERE ENGINEERS INC.	SOLUTIA INC REMEDIATION TECHNOLOGY GROUP ST LOUIS, MISSOURI	SAUGET AREA 1 SUPPORT SAMPLING PLAN SAUGET & CAHOKIA, ILLINOIS	TEST TRENCHES AND WASTE SAMPLING SITE L	FILE NO. 23548.090 DATE SEPT. 2000	FIGURE 14

DWG PATH: I:\PROJECTS\10040\23548_TRENCHBORING.DWG 1=1



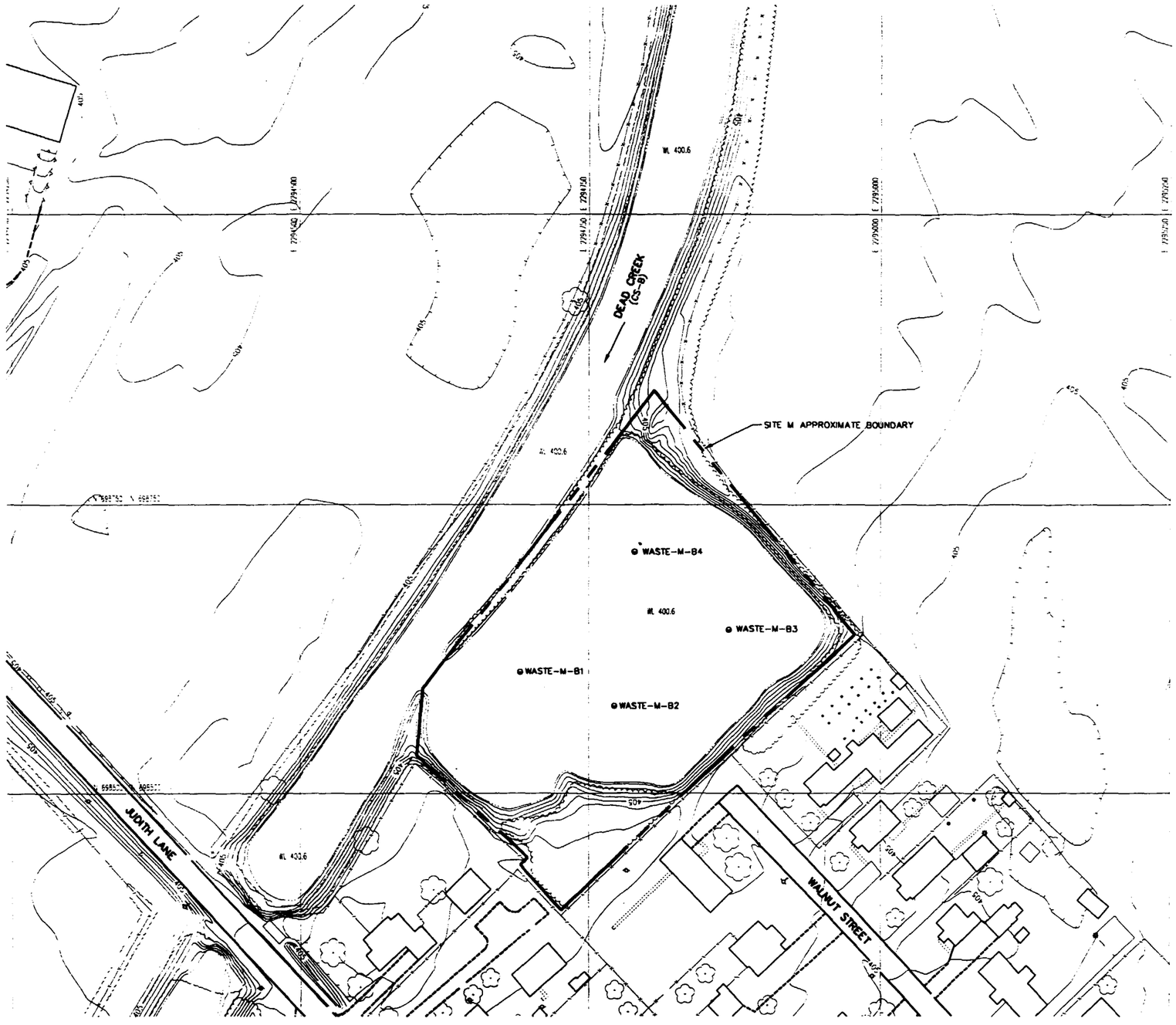
NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

1"=50' 50 0 50 100	O'BRIEN & GERE ENGINEERS INC.	SOLUTIA INC REMEDIATION TECHNOLOGY GROUP ST LOUIS, MISSOURI	SAUGET AREA 1 SUPPORT SAMPLING PLAN SAUGET & CAHOKIA, ILLINOIS	TEST TRENCHES AND WASTE SAMPLING SITE N	FILE NO. 23548.090 DATE SEPT. 2000	FIGURE 15

PLOT DATE: 8/1/00

DWG PATH: I:\PROJECTS\10040\23548_ \TRENCHBORING.DWG 1=1



NOTE:

TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPORATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

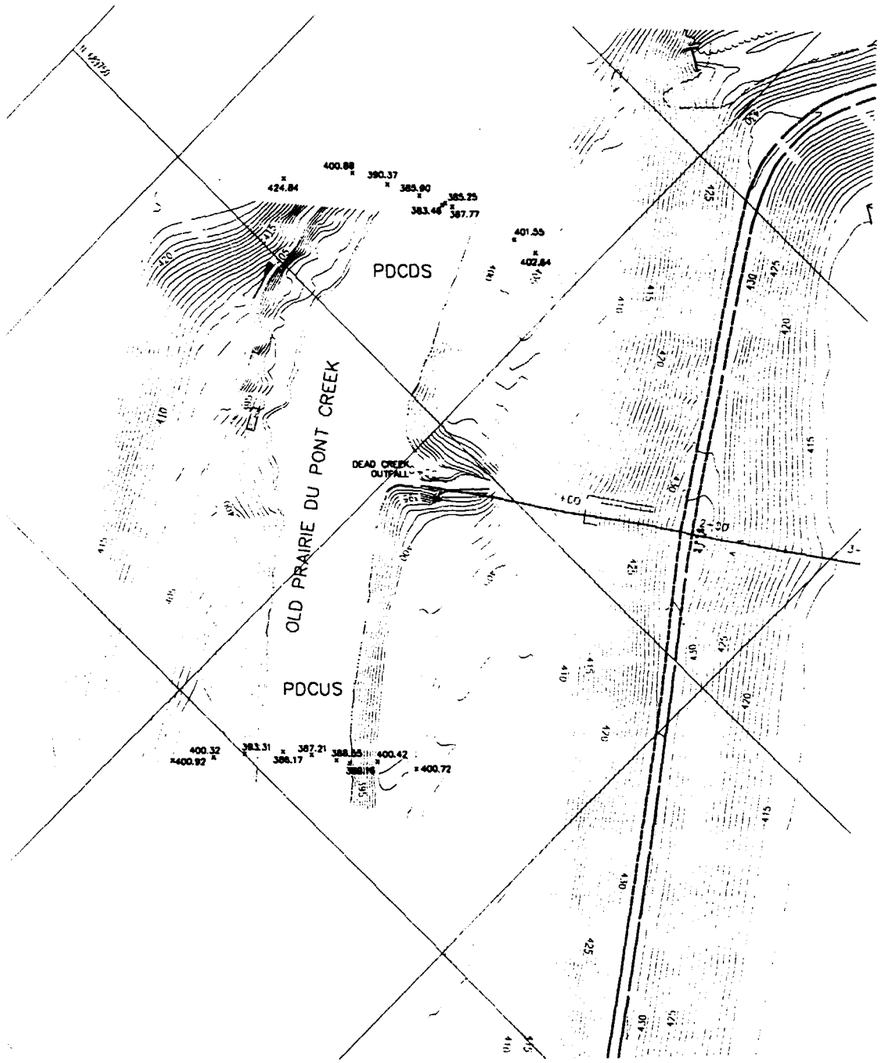
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

WASTE SAMPLING
SITE M

FILE NO. 23548.090
DATE SEPT. 2000

FIGURE 16

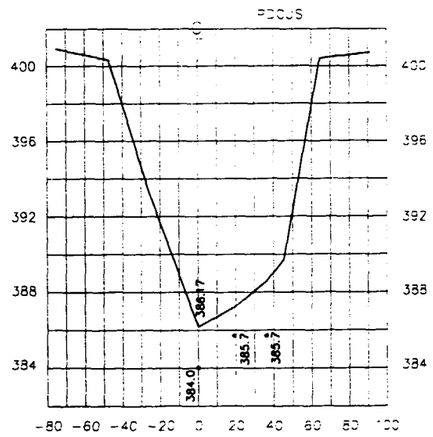
PLOT DATE: 8/1/00

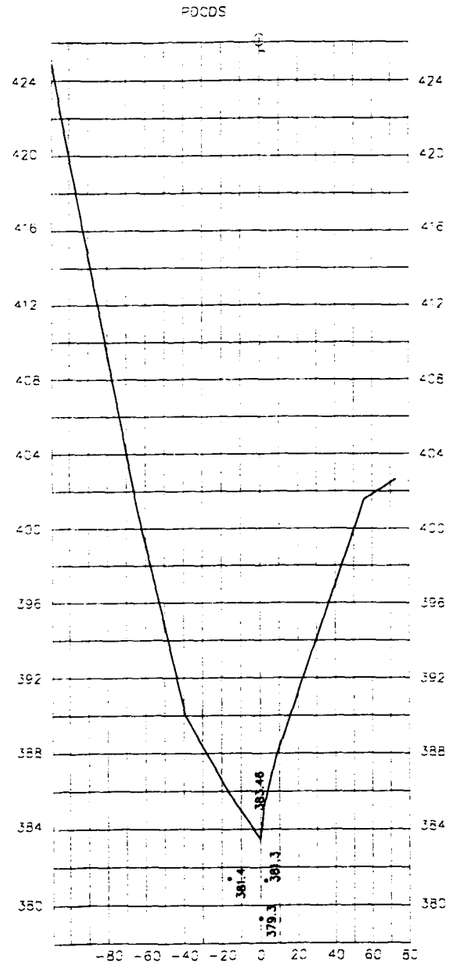


SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
	PDCUS	387.21	18.0	385.7
BSSED-PDC-US-N-0-20IN	PDCUS	388.55	34.5	385.7
	PDCUS	386.17	26.5	384.0
	PDCDS	383.46	50.5	379.3
	PDCDS	385.25	47.5	381.3
BSSED-PDC-DS-S-0-30IN	PDCDS	385.90	54.0	381.4

GENERAL NOTES:

1. TOPOGRAPHICAL SITE MAP TAKEN FROM A TOPOGRAPHICAL MAP DEVELOPED BY SURDEX CORPORATION FOR ERM, INC. FROM AERIAL PHOTOGRAPHY TAKEN 3/18/99.
2. CROSS-SECTIONAL DATA OBTAINED BY ZAMBRANA ENGINEERING, INC. IN FEBRUARY 1999 AND MAY 1999.
3. CREEK SEGMENT B IS BOUNDED BY QUEENY AVENUE ON THE NORTH AND JUDITH LANE ON THE SOUTH.
4. CREEK SEGMENT C IS BOUNDED BY JUDITH LANE ON THE NORTH AND CAHOKIA/EDWARDS STREET ON THE SOUTH.
5. CREEK SEGMENT D IS BOUNDED BY CAHOKIA/EDWARDS STREET ON THE NORTH AND JEROME LANE ON THE SOUTH.
6. CREEK SEGMENT E IS BOUNDED BY JEROME LANE ON THE NORTH AND ILLINOIS ROUTE 157/CAMP JACKSON ROAD ON THE SOUTH.
7. CREEK SEGMENT F IS BOUNDED BY ILLINOIS ROUTE 157/CAMP JACKSON ROAD ON THE NORTH AND OLD PRAIRIE DU PONT CREEK ON THE SOUTH.
8. UNLESS NOTED OTHERWISE IN THE LEGEND, SEDIMENT DEPTH WAS IDENTIFIED AS THE REFUSAL DEPTH OF THE SAMPLING TUBE, MANUALLY ADVANCED BY THE SAME INDIVIDUAL.
9. WHERE NOTED IN THE LEGEND, SEDIMENT DEPTH WAS VISUALLY IDENTIFIED AS THE DEPTH OF THE FIRST DISTINCT SEDIMENT COLOR CHANGE INSIDE OF A CLEAR PLASTIC TUBE.
10. SEDIMENT DEPTHS WERE NOT COLLECTED AT EVERY CROSS-SECTION, DUE TO INTENTIONAL DIFFERENCES IN SAMPLING METHOD AND PURPOSE.





HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

x PLAN ELEVATION
• SEDIMENT BOTTOM ELEVATION (REFUSAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

OLD PRAIRIE DU PONT CREEK
PLAN & CROSS SECTIONS

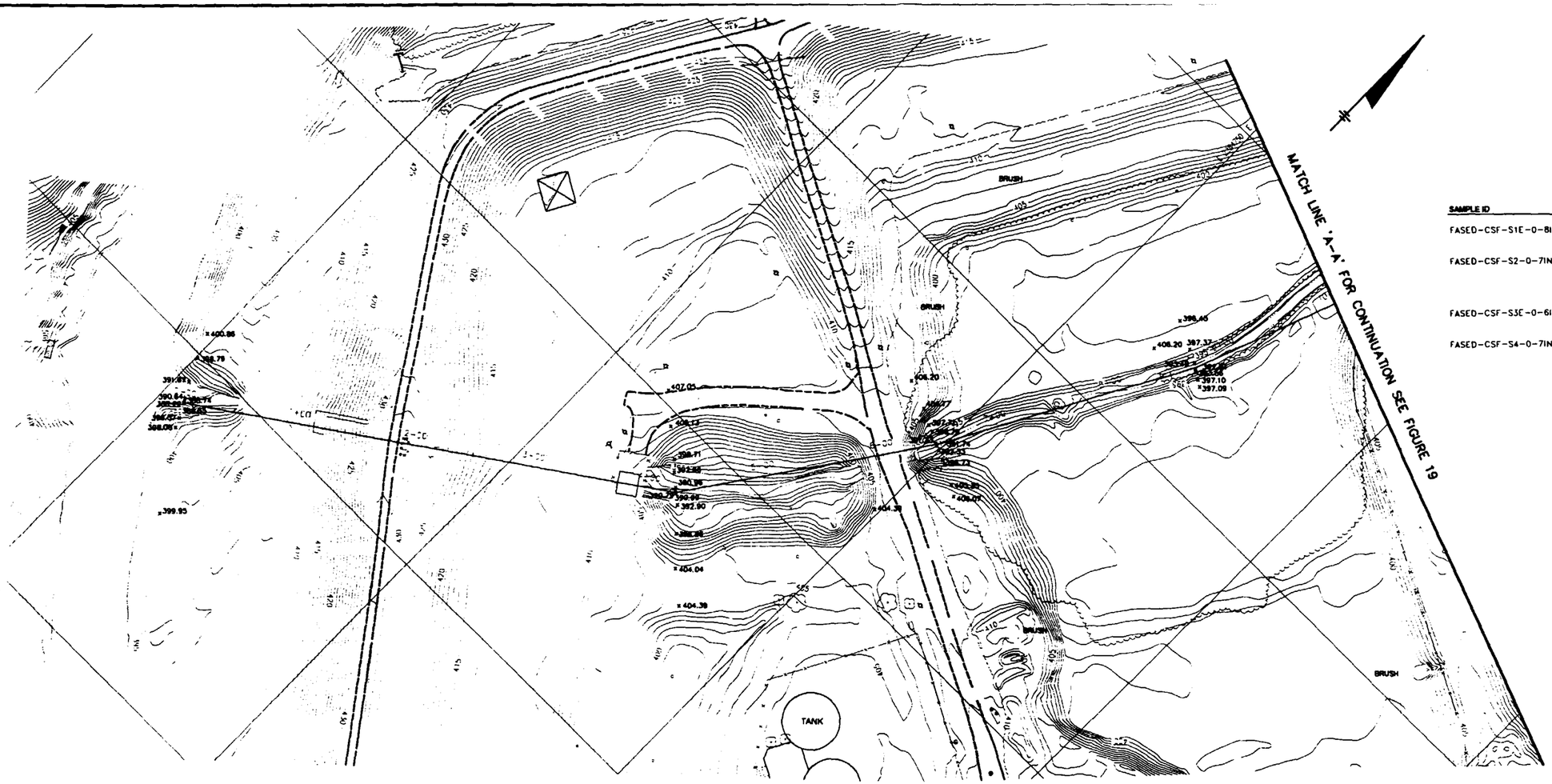
FILE NO. 23548.090.36
DATE SEPT. 2000

FIGURE 17

DWG PATH: I:\PROJECTS\10040\23548\DWG\36.DWG 1=1

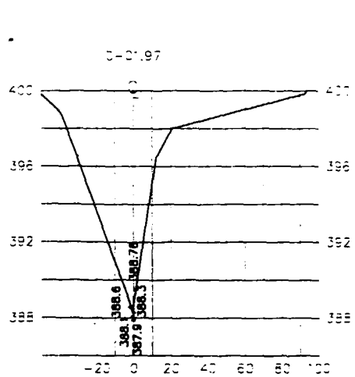
PLOT DATE: 9/7/00

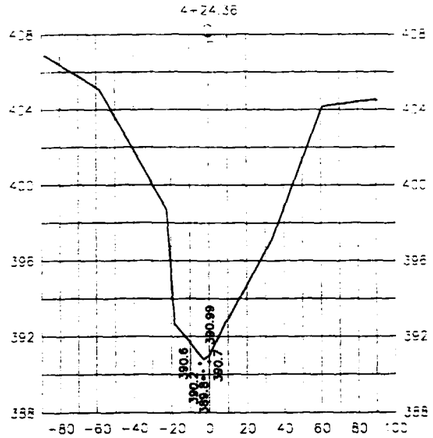
DWG PATH: I:\ PROJECTS\10040\23548\20.DWG 1=1

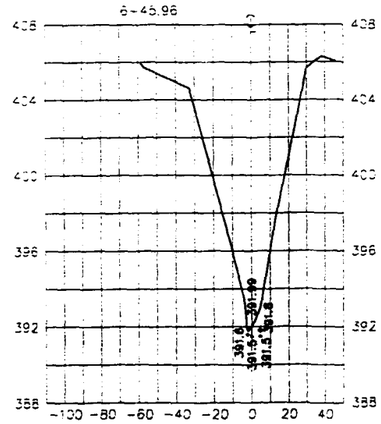


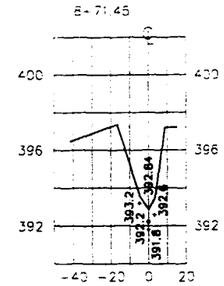
NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES) (VISUAL)	SEDIMENT BOTTOM ELEVATION (VISUAL)	SEDIMENT DEPTH (INCHES) (REFUSAL)	SEDIMENT BOTTOM ELEVATION (REFUSAL)
	0+01.97	388.29	2.0	388.1		
FASED-CSF-S1E-0-8IN	0+01.97	388.55	3.0	388.3	8.0	387.9
	0+01.97	388.74	2.0	388.6		
FASED-CSF-S2-0-7IN	4+24.36	390.79	7.5	390.2	12.3	389.8
	4+24.36	390.99	4.0	390.7		
	4+24.36	390.96	4.0	390.6		
	6+45.96	391.74	2.5	391.5		
FASED-CSF-S3E-0-6IN	6+45.96	392.33	10.0	391.5	6.0	391.8
	6+45.96	391.73	2.0	391.6		
FASED-CSF-S4-0-7IN	8+71.45	392.84	12.0	391.8	7.3	392.2
	8+71.45	393.56	12.0	392.6		
	8+71.45	393.49	4.0	393.2		









HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND
- x PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)
- + SEDIMENT BOTTOM ELEVATION (VISUAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

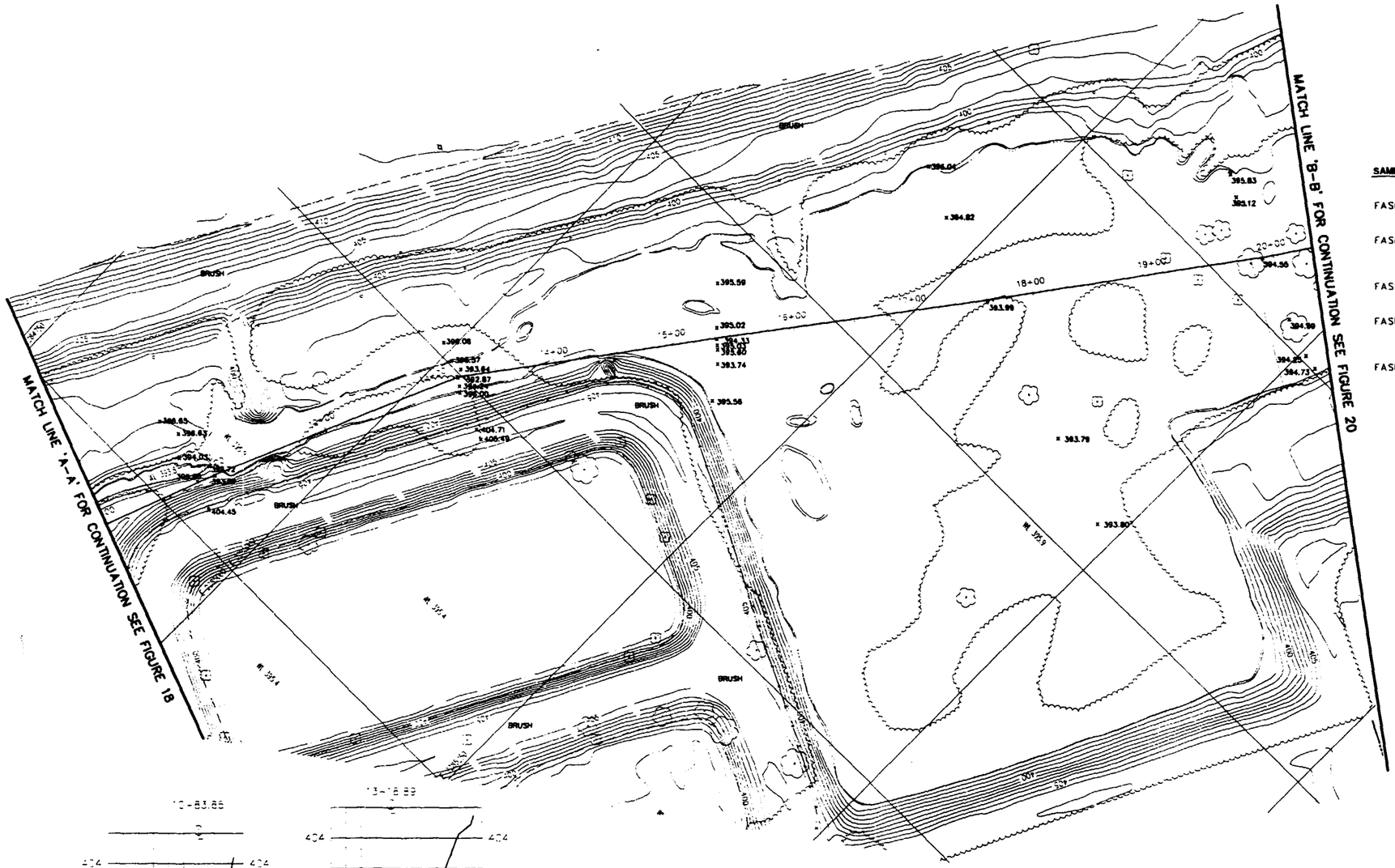
DEAD CREEK – CREEK SEGMENT F
PLAN & CROSS SECTIONS

FILE NO. 23548.090.20
DATE SEPT. 2000

FIGURE 18

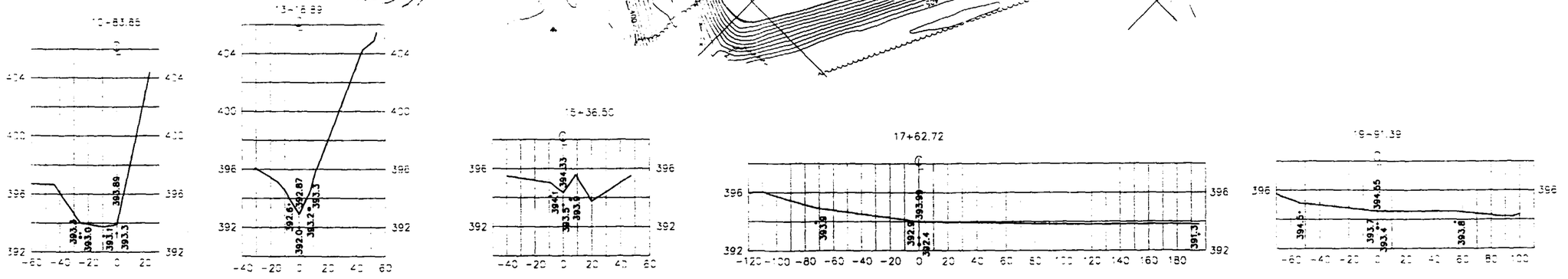
PLOT DATE: 9/7/00

DWG PATH: I:\PROJECTS\10040\23548\DWG\21.DGN 1=1



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES) (VISUAL)	SEDIMENT BOTTOM ELEVATION (VISUAL)	SEDIMENT DEPTH (INCHES) (REFUSAL)	SEDIMENT BOTTOM ELEVATION (REFUSAL)
	10+83.85	393.72	7.5	393.1		
	10+83.85	393.89	6.8	393.3		
FASED-CSF-S5W-0-10IN	10+83.85	394.03	8.5	393.3	12.0	393.0
	13+18.89	392.87	10.0	392.0		
FASED-CSF-S6E-0-10IN	13+18.89	394.24	13.0	393.2	11.0	393.3
	13+18.89	393.64	12.0	392.6		
	15+36.50	394.33	10.0	393.5		
FASED-CSF-S7E-0-11IN	15+36.50	395.03	13.0	393.9	13.3	393.9
	15+36.50	395.02	10.5	394.1		
FASED-CSF-S8-0-15IN	17+62.72	393.99	13.0	392.9	19.0	392.4
	17+62.72	393.80	9.0	393.1		
	17+62.72	394.82	11.0	393.9		
FASED-CSF-S9-0-11IN	19+91.39	394.55	10.0	393.7	14.3	393.4
	19+91.39	394.59	10.0	393.8		
	19+91.39	395.12	7.5	394.5		



NOTE: SOUTH CREEK BANK IS LOCATED AT APPROXIMATELY +390

NOTE: SOUTH CREEK BANK IS LOCATED AT APPROXIMATELY +200

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND
- x PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)
- + SEDIMENT BOTTOM ELEVATION (VISUAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

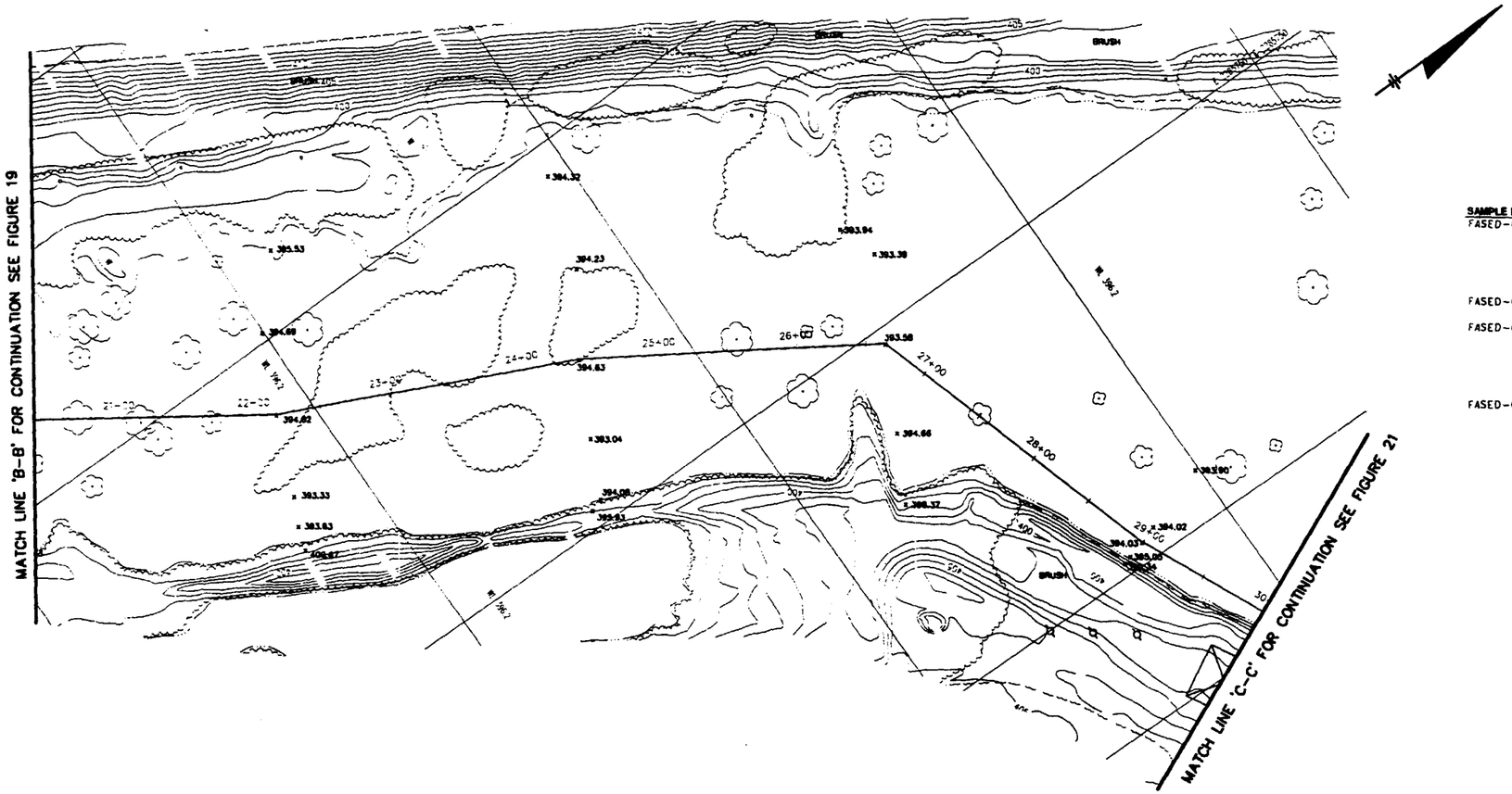
DEAD CREEK – CREEK SEGMENT F
PLAN & CROSS SECTIONS

FILE NO. 23548.090.21
DATE SEPT. 2000

FIGURE 19

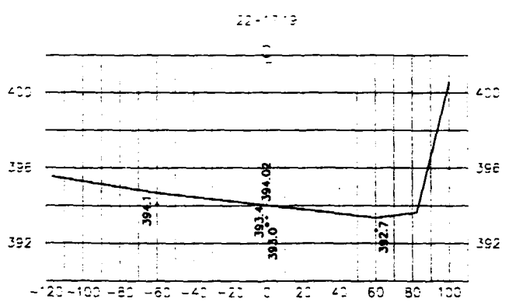
PLOT DATE: 9/7/00

DWG PATH: I:\PROJECTS\10040\23548\DWG\22.DWG 1=1

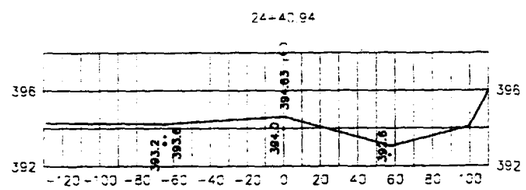


NOTE:
SEE GENERAL NOTES ON FIGURE 17

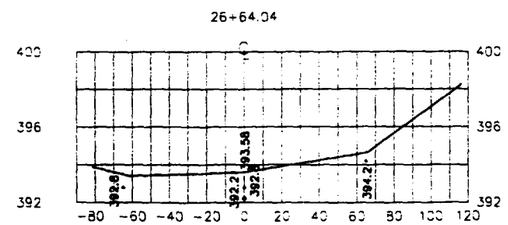
SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES) (VISUAL)	SEDIMENT BOTTOM ELEVATION (VISUAL)	SEDIMENT DEPTH (INCHES) (REFUSAL)	SEDIMENT BOTTOM ELEVATION (REFUSAL)
FASED-CSF-S10-0-9IN	22+17.19	394.02	7.5	393.4	12.3	393.0
	22+17.19	393.33	7.0	392.7		
	22+17.19	394.69	7.0	394.1		
	24+40.94	394.63	7.0	394.0		
	24+40.94	393.04	5.5	392.6		
FASED-CSF-S11W-0-10IN	24+40.94	394.23	8.0	393.6	12.5	393.2
FASED-CSF-S12-0-15IN	26+64.04	393.58	9.0	392.8	16.5	392.2
	26+64.04	394.66	5.5	394.2		
	26+64.04	393.39	7.5	392.8		
	28+99.05	394.03	6.5	393.5		
	28+99.05	395.05	6.0	394.6		
FASED-CSF-S13W-0-15IN	28+99.05	394.02	8.0	393.4	20.0	392.4



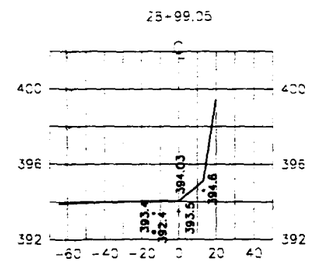
NOTE: NORTHWEST CREEK BANK IS LOCATED AT APPROXIMATELY -190



NOTE: NORTHWEST CREEK BANK IS LOCATED AT APPROXIMATELY -200



NOTE: NORTHWEST CREEK BANK IS LOCATED AT APPROXIMATELY -190



NOTE: NORTHWEST CREEK BANK IS LOCATED AT APPROXIMATELY -400

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND
- x PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)
- + SEDIMENT BOTTOM ELEVATION (VISUAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK - CREEK SEGMENT F
PLAN & CROSS SECTIONS

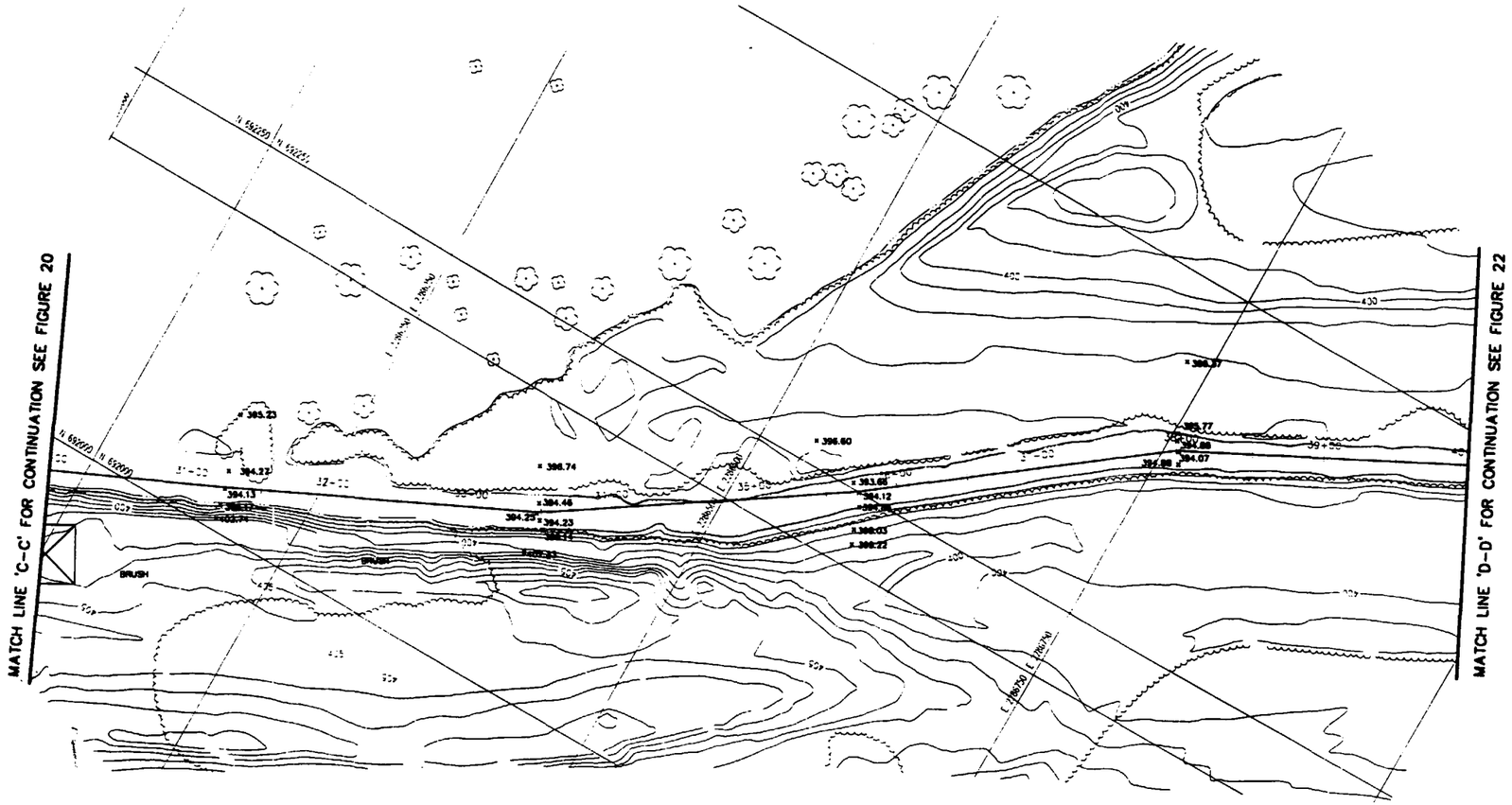
FILE NO. 23548.090.22
DATE SEPT. 2000

FIGURE 20

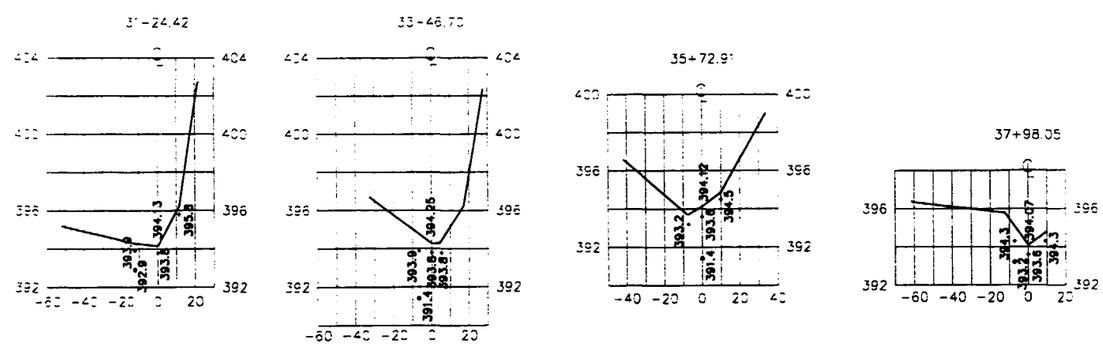
PLOT DATE: 9/7/00

DWG PATH: I:\PROJECTS\100-10\23548\DWG\23.DWG 1=

NOTE:
SEE GENERAL NOTES ON FIGURE 17



SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES) [VISUAL]	SEDIMENT BOTTOM ELEVATION [VISUAL]	SEDIMENT DEPTH (INCHES) [REFUSAL]	SEDIMENT BOTTOM ELEVATION [REFUSAL]
	31+24.42	394.13	4.5	393.8		
	31+24.42	396.17	5.0	395.8		
FASED-CSF-S14W-0-15IN	31+24.42	394.27	5.0	393.9	17.0	392.9
	33+46.70	394.25	5.0	393.8		
	33+46.70	394.23	5.5	393.8		
FASED-CSF-S15W-0-28IN	33+46.70	394.46	6.5	393.9	36.5	391.4
FASED-CSF-S16-0-23IN	35+72.91	394.12	6.0	393.6	32.5	391.4
	35+72.91	394.86	4.0	394.5		
	35+72.91	393.66	5.5	393.2		
	37+98.05	394.07	6.0	393.6		
	37+98.05	394.88	6.5	394.3		
FASED-CSF-S17W-0-16IN	37+98.05	394.88	7.0	394.3	20.8	393.2



NOTE: NORTHWEST CREEK BANK IS LOCATED AT APPROXIMATELY -600

NOTE: SOUTHEAST CREEK BANK IS LOCATED AT APPROXIMATELY +25

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

- x PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)
- + SEDIMENT BOTTOM ELEVATION (VISUAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

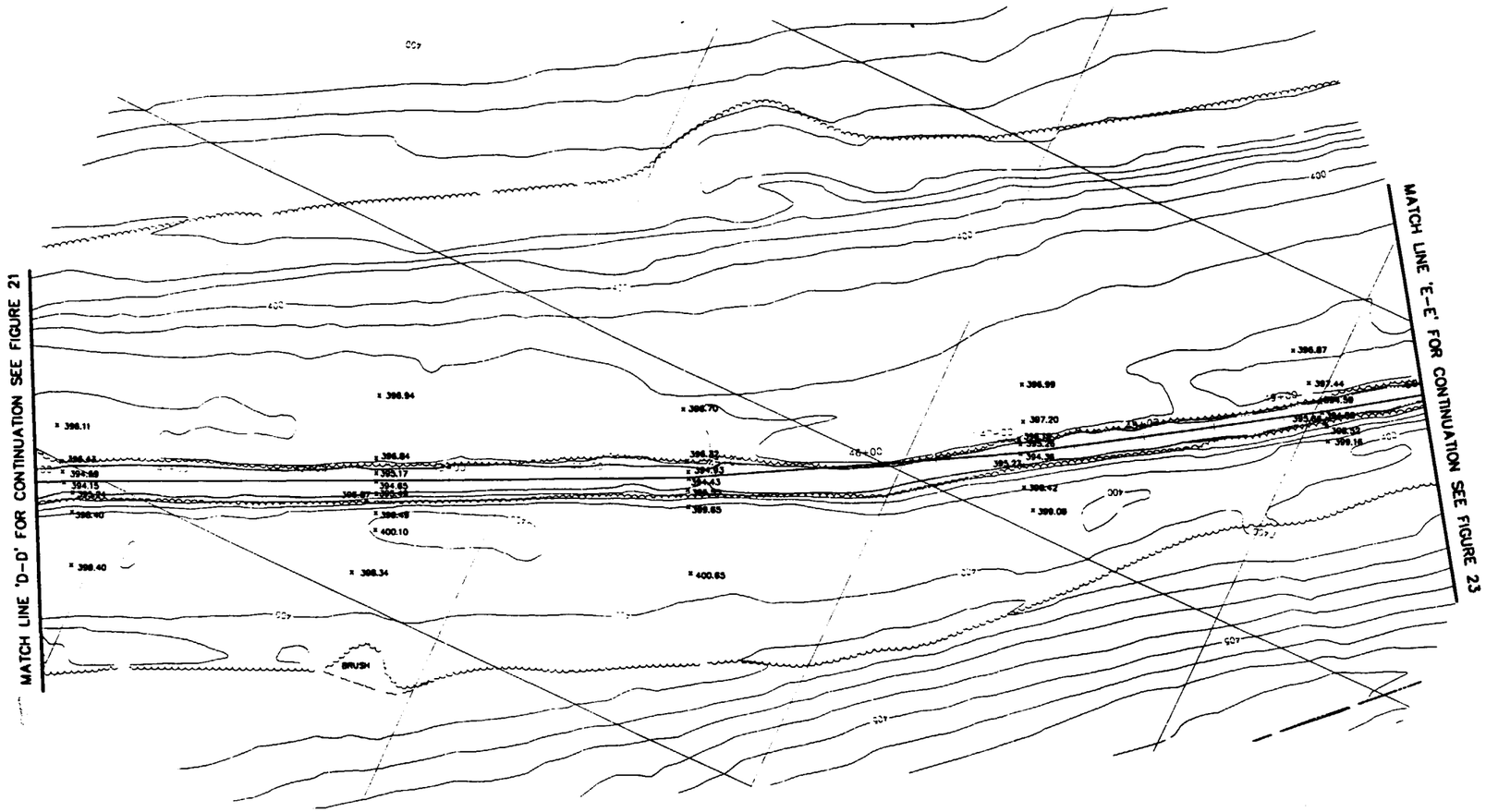
DEAD CREEK – CREEK SEGMENT F
PLAN & CROSS SECTIONS

FILE NO. 23548.090.23
DATE SEPT. 2000

FIGURE 21

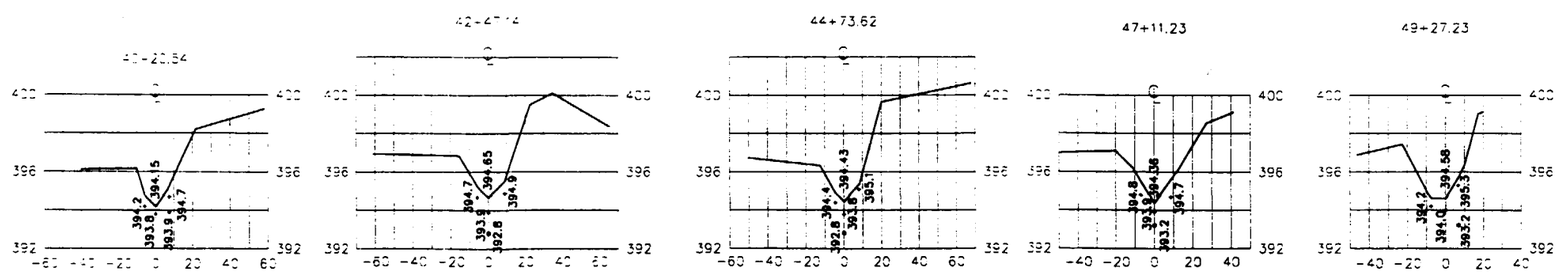
PLOT DATE: 9/7/00

DWG PATH: I:\PROJECTS\10040\23548\DWG\24.DWG 1=1



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES) [VISUAL]	SEDIMENT BOTTOM ELEVATION [VISUAL]	SEDIMENT DEPTH (INCHES) [REFUSAL]	SEDIMENT BOTTOM ELEVATION [REFUSAL]
	40+20.54	394.15	4.0	393.8		
FASED-CSF-S18E-0-14IN	40+20.54	395.24	6.0	394.7	16.0	393.9
	40+20.54	394.59	4.5	394.2		
FASED-CSF-S19-0-13IN	42+47.14	394.65	9.0	393.9	22.5	392.8
	42+47.14	395.49	7.5	394.9		
	42+47.14	395.17	6.0	394.7		
FASED-CSF-S20-0-12IN	44+73.62	394.43	7.0	393.8	20.0	392.8
	44+73.62	395.55	6.0	395.1		
	44+73.62	394.93	6.0	394.4		
FASED-CSF-S21-0-13IN	47+11.23	394.36	5.0	393.9	14.5	393.2
	47+11.23	395.27	7.0	394.7		
	47+11.23	395.26	5.0	394.8		
	49+27.23	394.58	6.5	394.0		
FASED-CSF-S22E-0-20IN	49+27.23	395.66	4.5	395.3	29.5	393.2
	49+27.23	394.59	4.5	394.2		



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

- x PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)
- + SEDIMENT BOTTOM ELEVATION (VISUAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

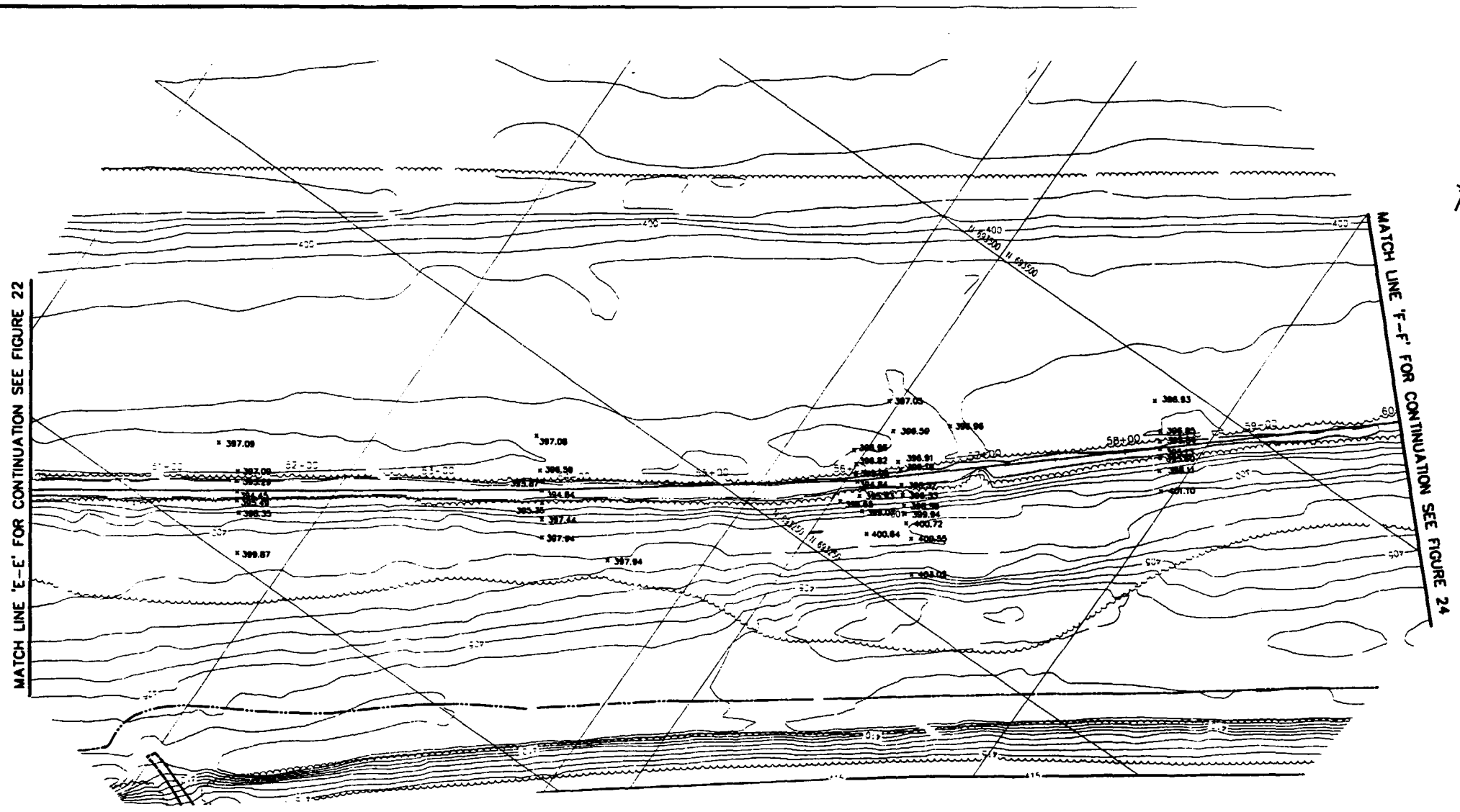
DEAD CREEK – CREEK SEGMENT F
PLAN & CROSS SECTIONS

FILE NO. 23548.090.24
DATE SEPT. 2000

FIGURE 22

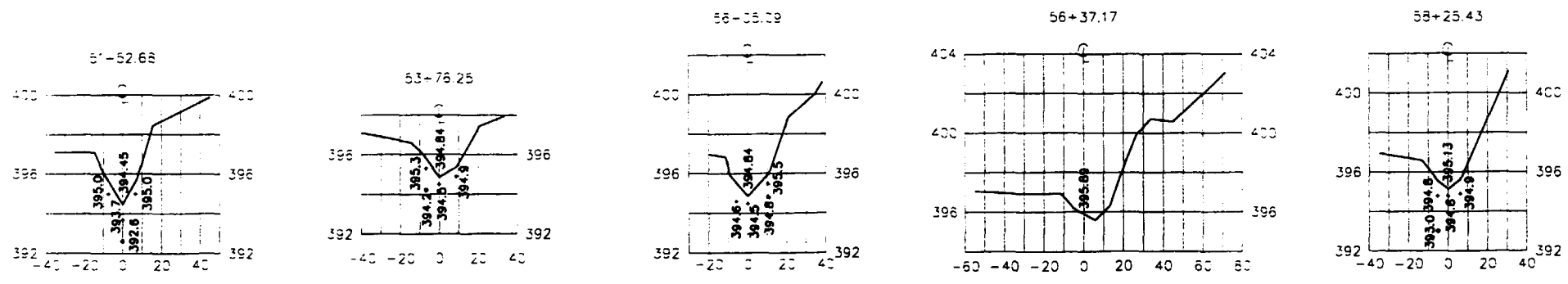
PLOT DATE: 9/7/00

DWG PATH: I:\PROJECTS\10040\23548\DWG\25.DWG 1=1



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES) [VISUAL]	SEDIMENT BOTTOM ELEVATION [VISUAL]	SEDIMENT DEPTH (INCHES) [REFUSAL]	SEDIMENT BOTTOM ELEVATION [REFUSAL]
FASED-CSF-S23-0-15IN	51+52.68	394.45	8.5	393.7	22.5	392.6
	51+52.68	395.49	6.0	395.0		
	51+52.68	395.29	3.5	395.0		
	53+76.25	394.84	4.5	394.5		
	53+76.25	395.35	5.5	394.9		
FASED-CSF-S24W-0-13IN	53+76.25	395.87	6.5	395.3	20.0	394.2
	56+05.09	394.84	4.0	394.5		
FASED-CSF-S25E-0-10IN	56+05.09	395.93	5.5	395.5	13.0	394.8
	56+05.09	395.05	6.0	394.6		
	58+25.43	395.13	4.0	394.8		
	58+25.43	395.60	8.0	394.9		
FASED-CSF-S26W-0-13IN	58+25.43	395.54	8.5	394.8	30.0	393.0



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

x PLAN ELEVATION
• SEDIMENT BOTTOM ELEVATION (REFUSAL)
+ SEDIMENT BOTTOM ELEVATION (VISUAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

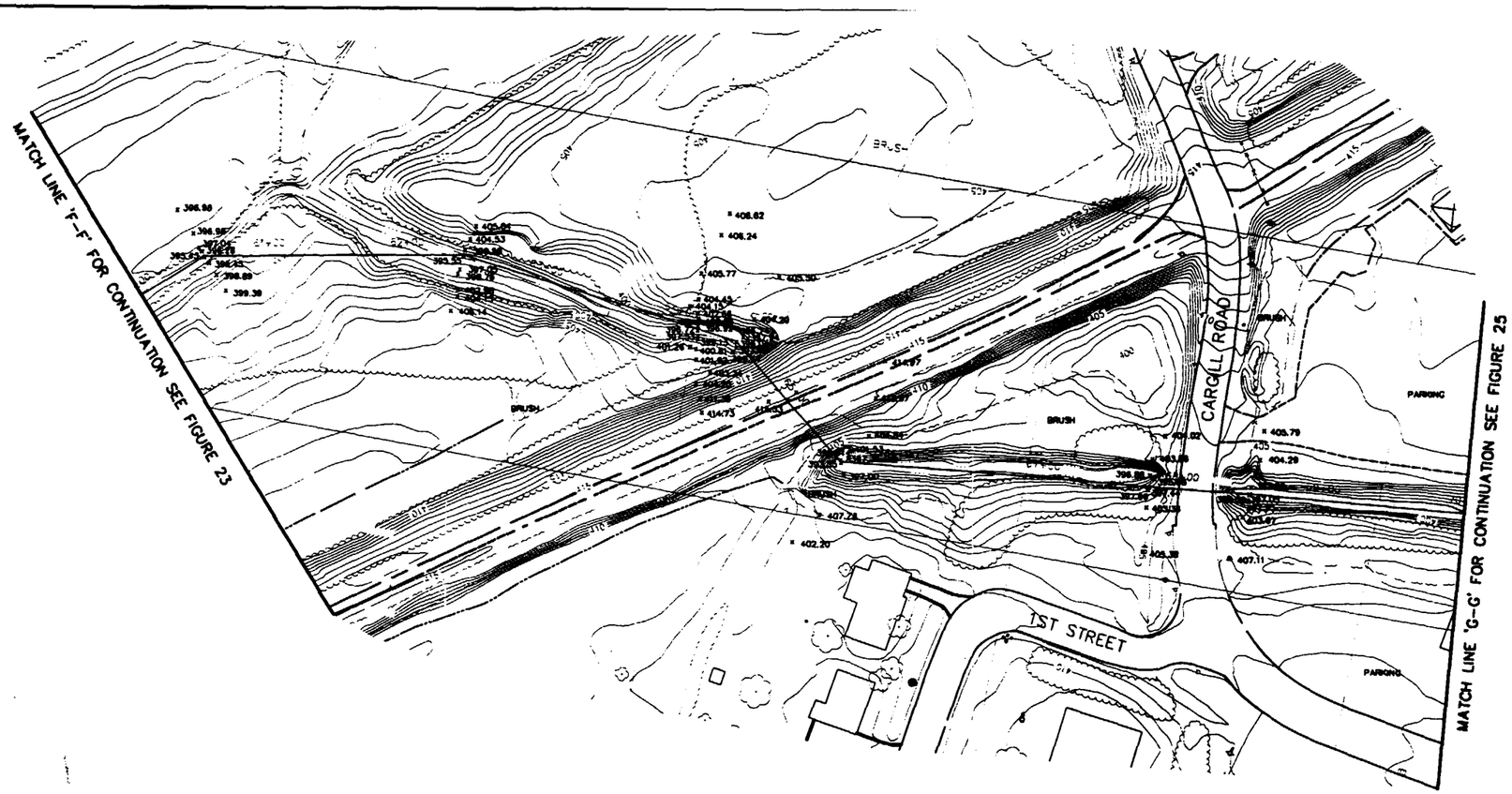
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT F
PLAN & CROSS SECTIONS

FILE NO. 23548.090.25
DATE SEPT. 2000

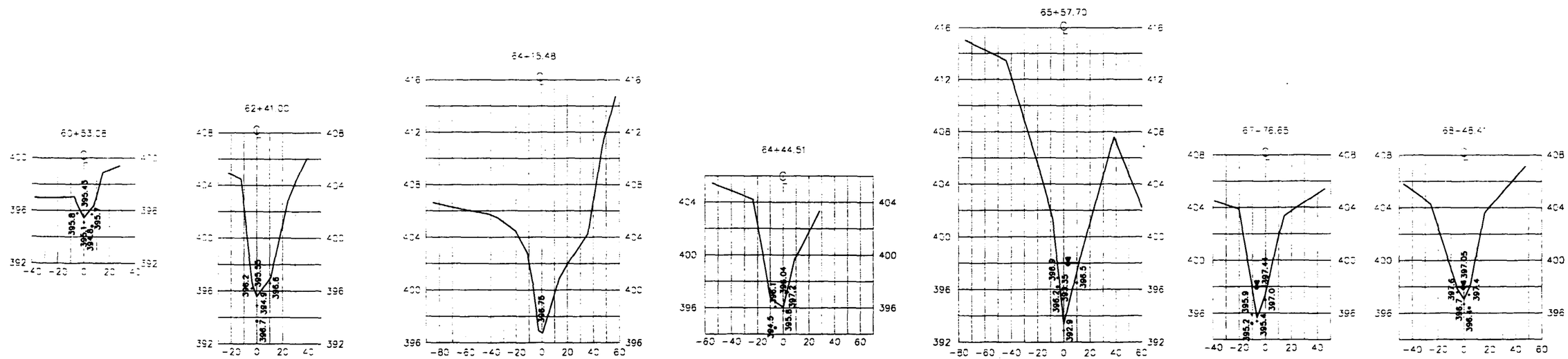
FIGURE 23

PLOT DATE: 9/7/00



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES) [VISUAL]	SEDIMENT BOTTOM ELEVATION [VISUAL]	SEDIMENT DEPTH (INCHES) [REFUSAL]	SEDIMENT BOTTOM ELEVATION [REFUSAL]
	60+53.08	395.43	4.5	395.1		
FASED-CSF-S27E-0-16IN	60+53.08	396.45	8.5	395.7	19.5	394.8
	60+53.08	396.28	6.0	395.8		
FASED-CSF-S28-0-10IN	62+41.00	395.55	8.0	394.9	22.0	393.7
	62+41.00	397.05	5.5	396.6		
	62+41.00	396.59	5.0	396.2		
	64+44.51	396.04	2.5	395.8		
	64+44.51	397.42	3.2	397.2		
FASED-CSF-S29W-0-10IN	64+44.51	396.74	7.5	396.1	26.5	394.5
	65+57.70	393.35	5.0	392.9		
FASED-CSF-S30N-0-8IN	65+57.70	397.35	6.0	396.9	14.0	396.2
	65+57.70	397.00	5.5	396.5		
	67+76.65	395.68	3.0	395.4		
FASED-CSF-S31N-0-13IN	67+76.65	396.88	12.0	395.9	20.5	395.2
	67+76.65	397.44	5.5	397.0		
	68+48.41	397.05	4.0	396.7		
	68+48.41	397.89	3.0	397.6		
FASED-CSF-S32S-0-11IN	68+48.41	398.00	7.0	397.4	19.0	396.4



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

- × PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)
- + SEDIMENT BOTTOM ELEVATION (VISUAL)
- WATER ELEVATION

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

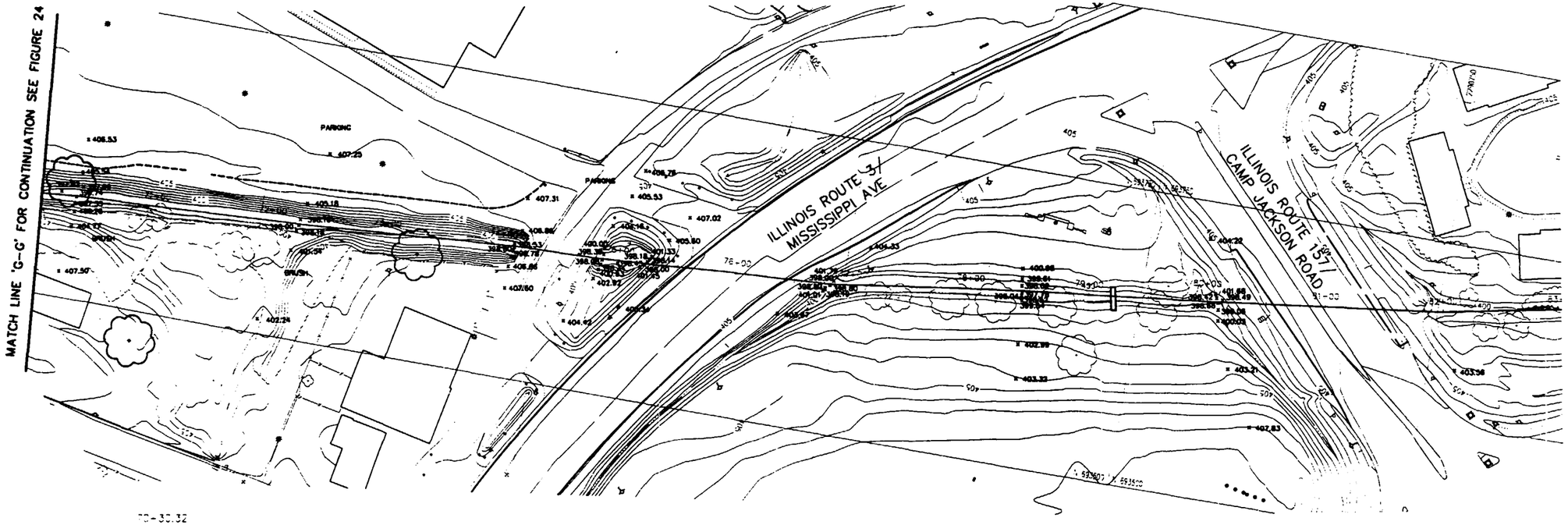
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT F
PLAN & CROSS SECTIONS

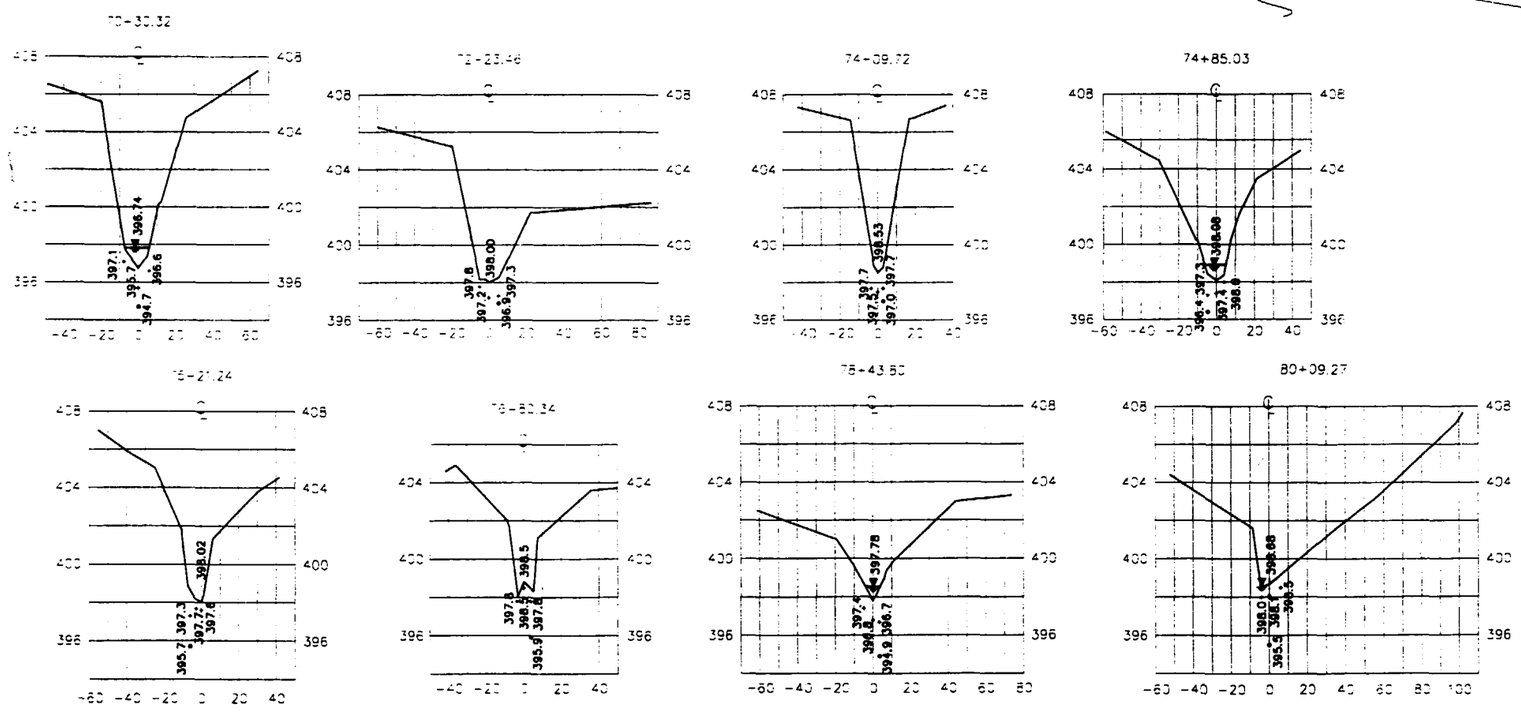
FILE NO. 23548.090.26
DATE SEPT. 2000

FIGURE 24

DWG PATH: I:\PROJECTS\10040\23548\DWG\26.DWG 1=1
PLOT DATE: 9/7/00



NOTE:
SEE GENERAL NOTES ON FIGURE 17



SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES) [VISUAL]	SEDIMENT BOTTOM ELEVATION [VISUAL]	SEDIMENT DEPTH (INCHES) [REFUSAL]	SEDIMENT BOTTOM ELEVATION [REFUSAL]
FASED-CSF-S33-0-13IN	70+30.32	396.74	12.5	395.7	25.0	394.7
	70+30.32	397.69	6.5	397.1		
	70+30.32	397.33	8.5	396.6		
	72+23.46	398.00	10.0	397.2		
	72+23.46	398.16	4.5	397.8		
FASED-CSF-S34S-0-14IN	72+23.46	398.18	11.0	397.3	15.5	396.9
	74+09.72	398.53	12.5	397.5		
	74+09.72	398.80	13.0	397.7		
FASED-CSF-S35S-0-21IN	74+09.72	398.78	12.5	397.7	21.5	397.0
	74+85.03	398.08	8.5	397.4		
FASED-CSF-S36N-0-12IN	74+85.03	398.30	12.0	397.3	23.0	396.4
	74+85.03	398.34	3.5	398.0		
	75+21.24	398.14	5.0	397.7		
FASED-CSF-S37N-0-13IN	75+21.24	398.18	11.0	397.3	29.5	395.7
	75+21.24	398.00	5.0	397.6		
	76+80.34	398.80	3.5	398.5		
	76+80.34	398.00	3.0	397.8		
FASED-CSF-S38S-0-14IN	76+80.34	398.19	5.0	397.8	28.0	395.9
	78+43.80	397.78	12.0	396.8		
	78+43.80	398.02	7.5	397.4		
FASED-CSF-S39S-0-26IN	78+43.80	398.04	15.5	396.7	38.0	394.9
FASED-CSF-S40-0-20IN	80+09.27	398.68	7.0	398.1	38.0	395.5
	80+09.27	398.42	5.5	398.0		
	80+09.27	399.06	7.0	398.5		

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

- x PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)
- + SEDIMENT BOTTOM ELEVATION (VISUAL)
- WATER ELEVATION

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

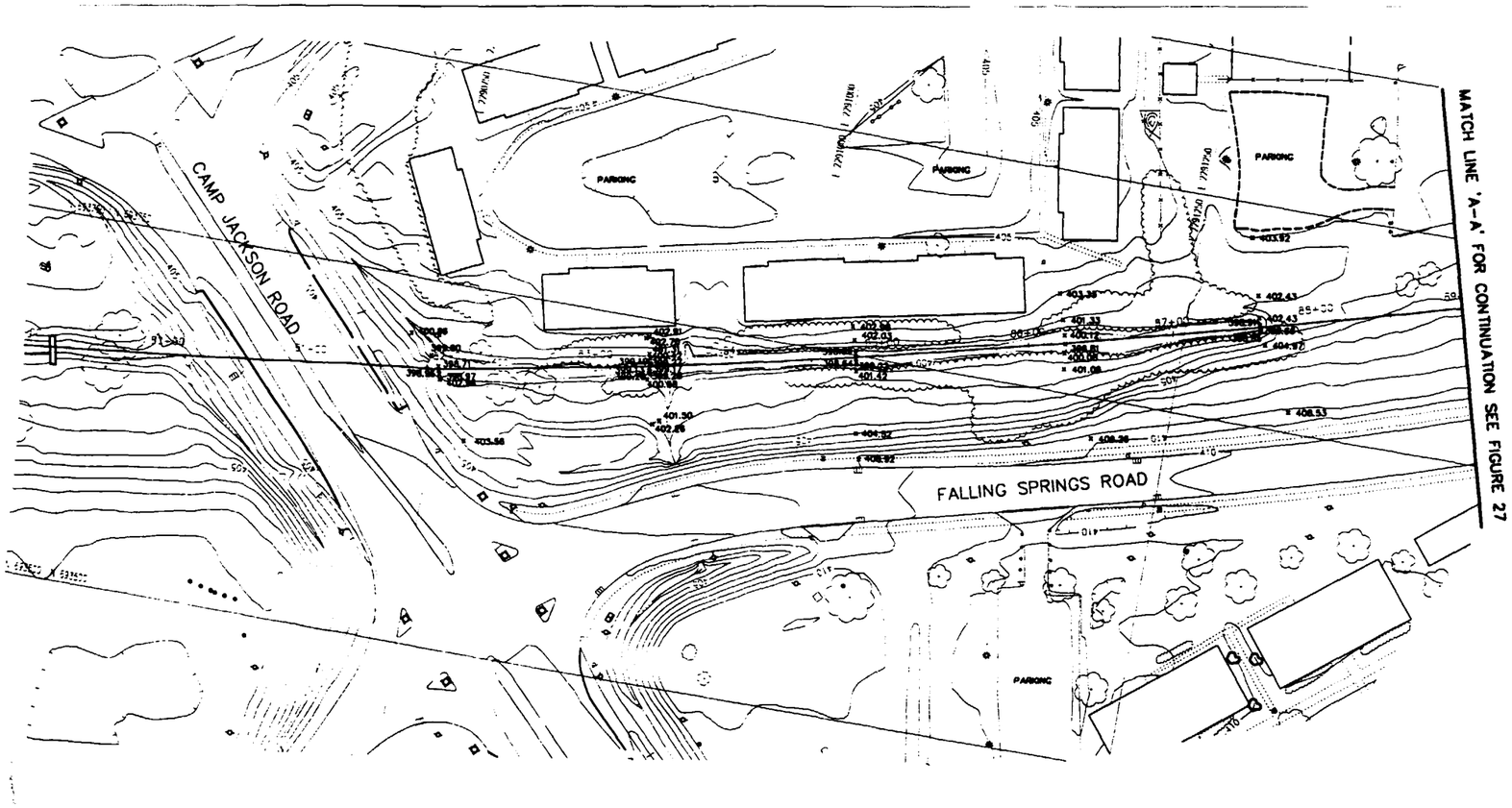
DEAD CREEK – CREEK SEGMENT F
PLAN & CROSS SECTIONS

FILE NO. 23548.090.27
DATE SEPT. 2000

FIGURE 25

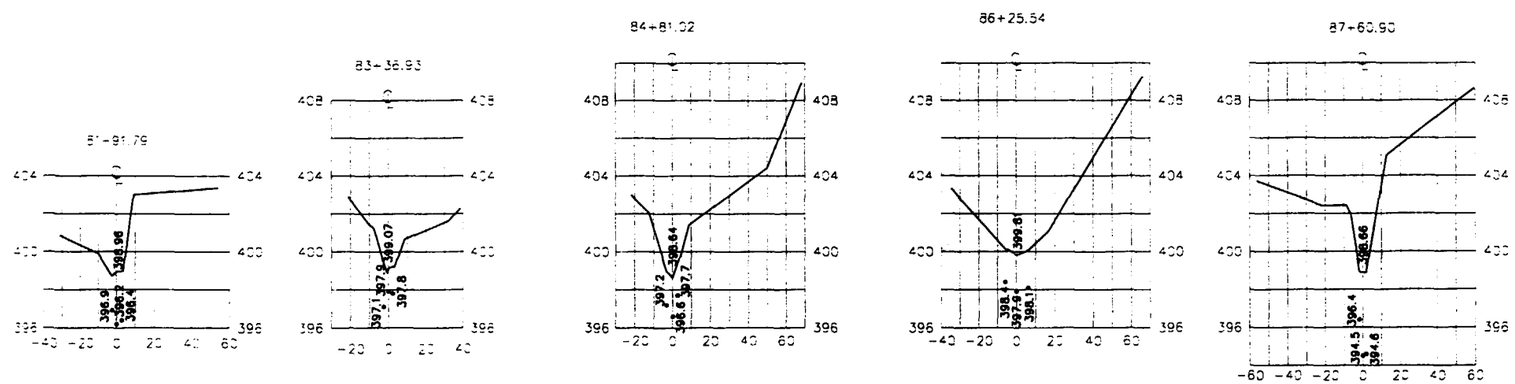
I:\PROJECTS\1-_J\23548\DWG\27.DWG 1=

9/7/00



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
FASED-CSE-S1-0-12IN	81+91.79	398.96	33.0	396.2
	81+91.79	398.97	30.5	396.4
	81+91.79	398.71	22.0	396.9
	83+36.93	399.13	15.0	397.9
	83+36.93	399.28	18.0	397.8
FASED-CSE-S2W-0-19IN	83+36.93	399.19	24.5	397.1
FASED-CSE-S3-0-13IN	84+81.02	398.64	25.0	396.6
	84+81.02	399.22	18.5	397.7
	84+81.02	398.99	22.0	397.2
	86+25.54	399.81	23.0	397.9
FASED-CSE-S4E-0-17IN	86+25.54	400.08	24.0	398.1
	86+25.54	400.12	20.5	398.4
	87+60.90	398.66	49.5	394.5
FASED-CSE-S5E-0-24IN	87+60.90	398.85	51.5	394.6
	87+60.90	398.91	30.5	396.4



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

x PLAN ELEVATION
• SEDIMENT BOTTOM ELEVATION (REFUSAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

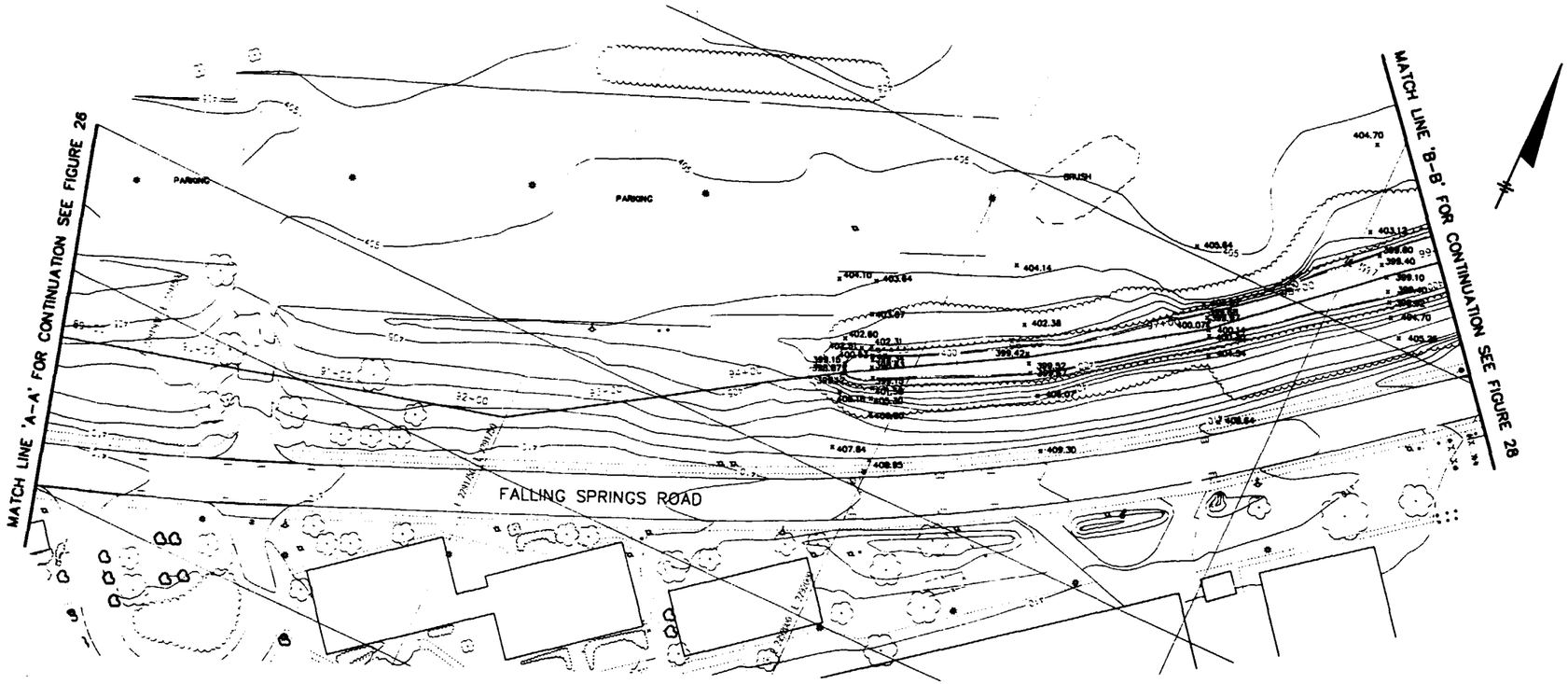
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT E
PLAN & CROSS SECTIONS

FILE NO. 23548.080.28
DATE SEPT. 2000

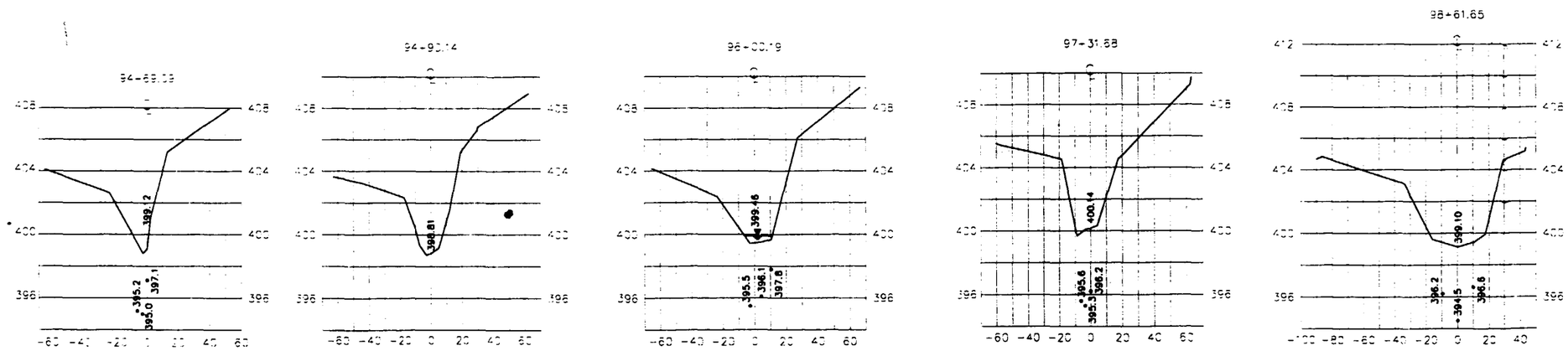
FIGURE 26

DWG PATH: I:\PROJECTS\10040\23548\DWG\28.DWG 1=1
PLOT DATE: 9/7/00



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
	94+69.09	398.87	47.0	395.0
	94+69.09	399.12	24.0	397.1
FASED-CSE-S6W-0-35IN	94+69.09	399.15	48.0	395.2
	96+00.19	399.52	41.0	396.1
	96+00.19	399.67	23.0	397.8
FASED-CSE-S7W-0-13IN	96+00.19	399.42	47.0	395.5
FASED-CSE-S8-0-32IN	97+31.68	400.07	57.0	395.3
	97+31.68	400.14	47.5	396.2
	97+31.68	399.97	52.0	395.6
FASED-CSE-S9-0-31IN	98+61.65	399.10	55.0	394.5
	98+61.65	399.40	34.0	396.6
	98+61.65	399.40	38.0	396.2



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND
- × PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)
- ▼ WATER ELEVATION

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

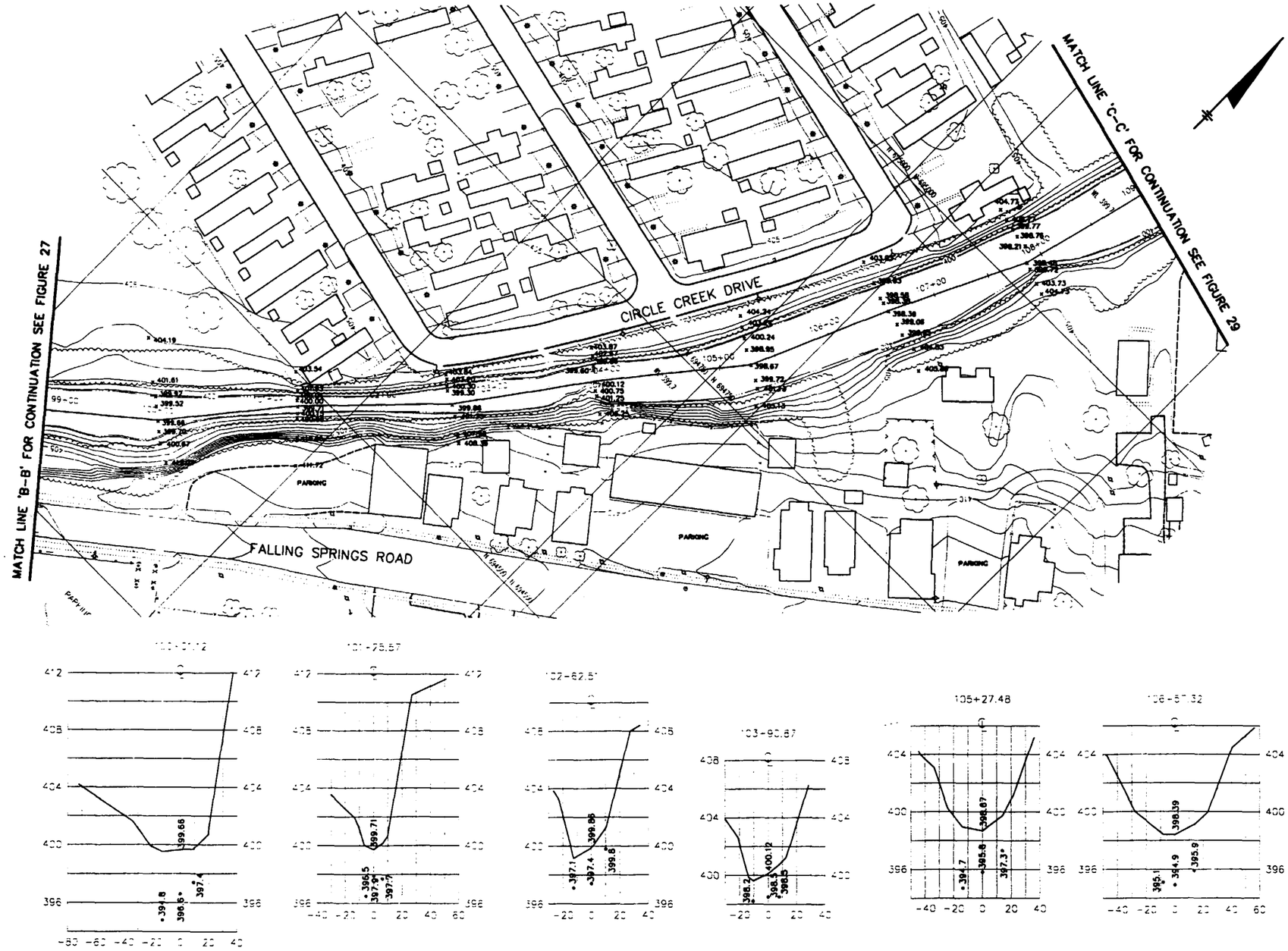
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT E
PLAN & CROSS SECTIONS

FILE NO. 23548.090.29
DATE SEPT. 2000

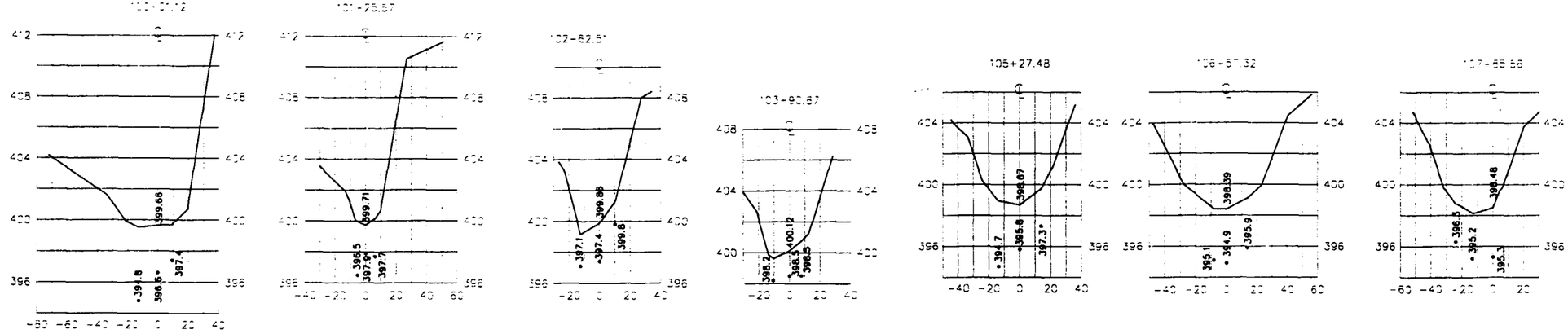
FIGURE 27

DWG PATH: I:\PROJECTS\... J\23548\DWG\29.DWG 1=
PLOT DATE: 9/7/00



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
	100+01.12	399.66	36.5	396.6
	100+01.12	399.70	27.5	397.4
FASED-CSE-S10W-0-27IN	100+01.12	399.52	56.5	394.8
	101+25.57	399.71	21.5	397.9
	101+25.57	400.15	29.0	397.7
FASED-CSE-S11W-0-22IN	101+25.57	400.00	42.0	396.5
FASED-CSE-S12-0-21IN	102+62.51	399.86	30.0	397.4
	102+62.51	401.25	18.0	399.8
	102+62.51	399.30	27.0	397.1
	103+90.87	400.12	19.0	398.5
FASED-CSE-S13E-0-21IN	103+90.87	400.75	27.0	398.5
	103+90.87	399.60	16.5	398.2
	105+27.48	398.67	34.5	395.8
	105+27.48	399.72	29.0	397.3
FASED-CSE-S14W-0-21IN	105+27.48	398.95	51.0	394.7
FASED-CSE-S15-0-19IN	106+57.32	398.39	42.0	394.9
	106+57.32	399.06	38.0	395.9
	106+57.32	398.38	39.0	395.1
	107+85.56	398.21	36.5	395.2
FASED-CSE-S16E-0-21IN	107+85.56	398.48	38.0	395.3
	107+85.56	398.76	30.0	396.3



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

x PLAN ELEVATION
• SEDIMENT BOTTOM ELEVATION (REFUSAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

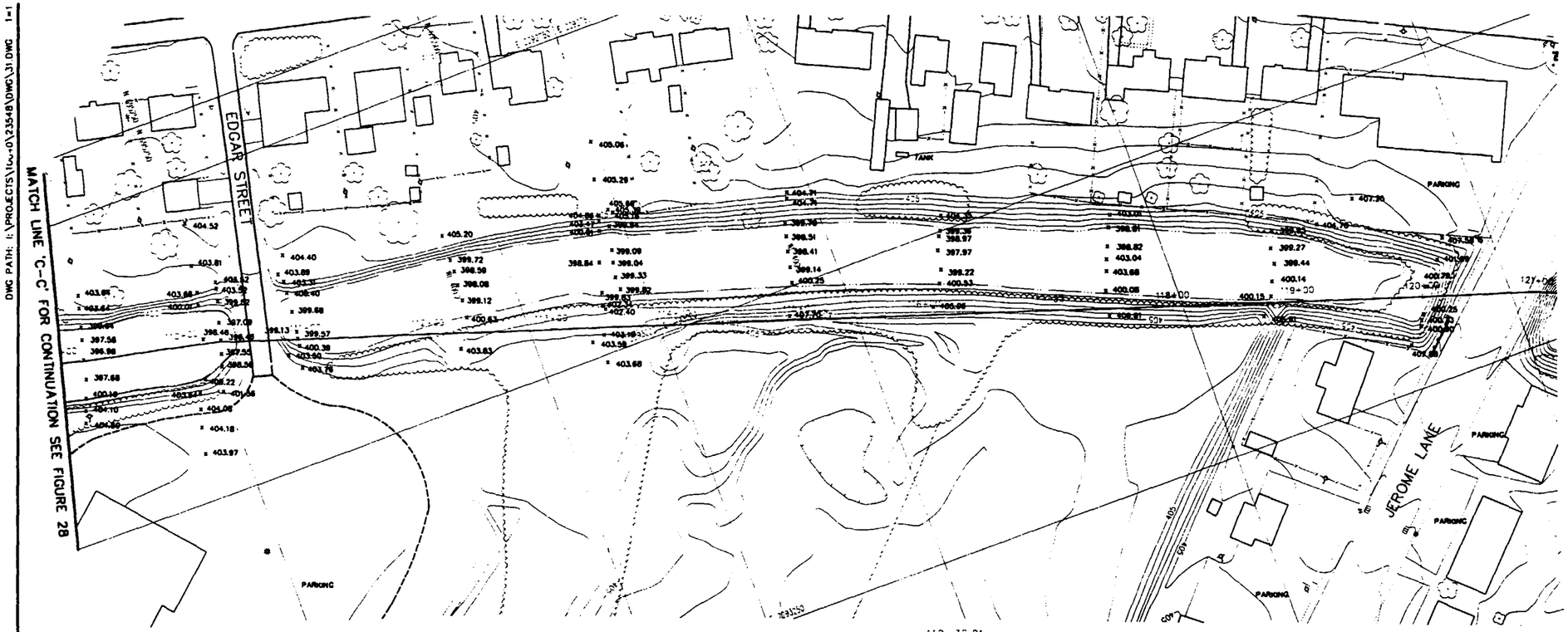
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT E
PLAN & PROFILE SECTIONS

FILE NO. 23548.090.30
DATE SEPT. 2000

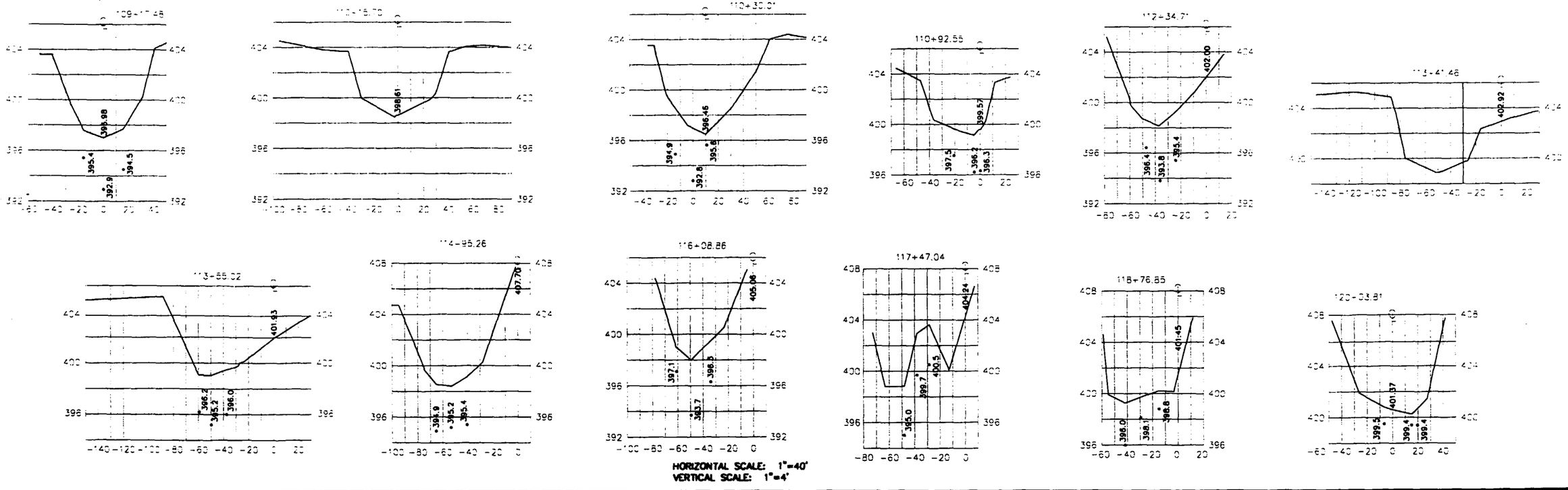
FIGURE 28

DWG PATH: I:\PROJECTS\10040\23548\DWG\30.DWG
PLOT DATE: 9/7/00



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
FASED-CSE-S17-0-28IN	109+17.48	396.98	48.5	392.9
	109+17.48	397.68	38.0	394.5
	109+17.48	397.58	26.0	395.4
FASED-CSE-S18-0-25IN	110+30.01	396.46	44.5	392.8
	110+30.01	397.55	23.5	395.6
	110+30.01	397.09	26.5	394.9
	110+92.55	399.13	35.0	396.2
FASED-CSE-S19E-0-28IN	110+92.55	399.57	39.0	396.3
	110+92.55	399.68	26.0	397.5
	112+34.71	398.08	51.0	393.8
FASED-CSE-S20E-0-33IN	112+34.71	399.12	44.5	395.4
	112+34.71	398.59	26.0	396.4
FASED-CSE-S21-0-28IN	113+55.02	399.04	46.5	395.2
	113+55.02	399.33	39.5	396.0
	113+55.02	399.09	35.0	396.2
	114+95.26	398.41	38.0	395.2
FASED-CSE-S22E-0-26IN	114+95.26	399.14	44.5	395.4
	114+95.26	398.51	43.5	394.9
FASED-CSE-S23-0-23IN	116+08.86	397.97	51.5	393.7
	116+08.86	399.22	35.5	396.3
	116+08.86	398.97	22.0	397.1
	117+47.04	403.04	40.0	399.7
	117+47.04	403.68	38.0	400.5
FASED-CSE-S24W-0-27IN	117+47.04	398.82	45.5	395.0
	118+76.85	399.44	15.5	398.1
	118+76.85	400.14	16.0	398.8
FASED-CSE-S25W-0-29IN	118+76.85	399.27	39.5	396.0
	120+03.81	400.25	10.5	399.4
FASED-CSE-S26E-0-12IN	120+03.81	400.73	16.5	399.4
	120+03.81	400.79	16.0	399.5



LEGEND

x PLAN ELEVATION
• SEDIMENT BOTTOM ELEVATION (REFUSAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

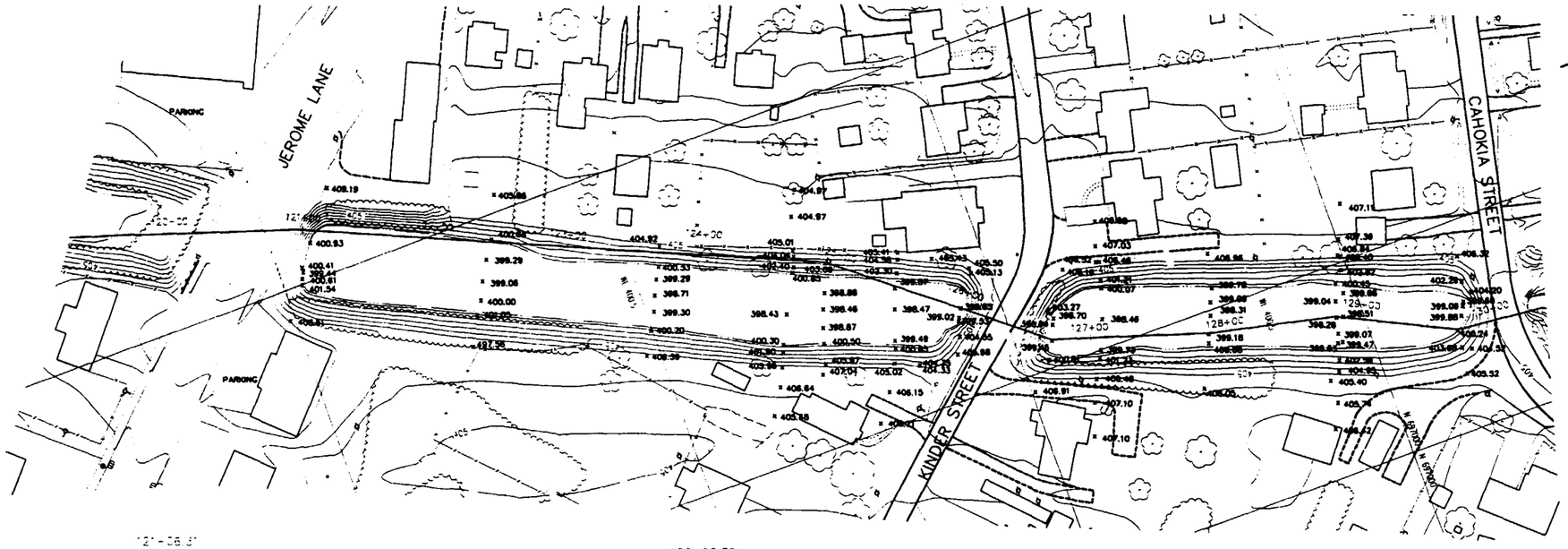
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT E
PLAN & CROSS SECTIONS

FILE NO. 23548.080.31
DATE SEPT. 2000

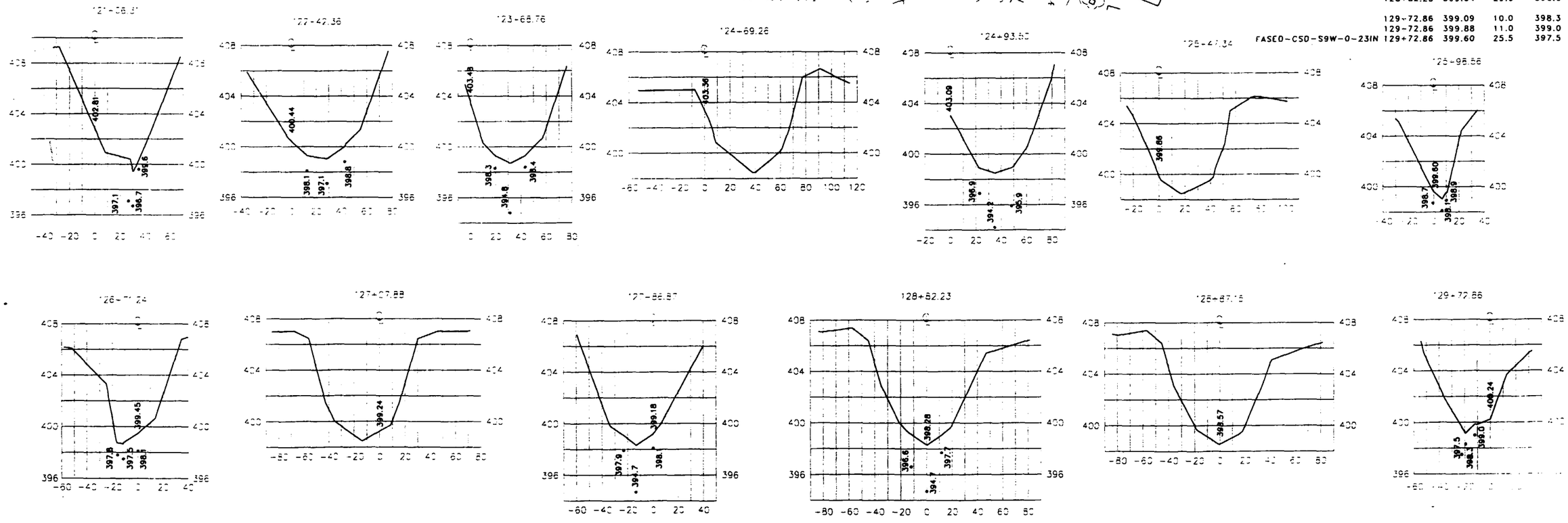
FIGURE 29

DWG PATH: I:\PROJECTS\100-01\23548\DWG\31.DWG 1=1
PLOT DATE: 9/7/00



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
	121+06.31	399.44	33.0	396.7
	121+06.31	400.61	12.0	399.6
FASED-CSD-S1W-0-24IN	121+06.31	400.41	40.0	397.1
FASED-CSD-S2-0-15IN	122+44.36	399.06	23.5	397.1
	122+44.36	400.00	15.0	398.8
	122+44.36	399.29	14.0	398.1
FASED-CSD-S3-0-21IN	123+68.76	398.71	46.5	394.8
	123+68.76	399.30	11.0	398.4
	123+68.76	399.29	11.5	398.3
FASED-CSD-S4-0-23IN	124+93.50	398.46	51.5	394.2
	124+93.50	398.87	36.0	395.9
	124+93.50	398.88	24.0	396.9
FASED-CSD-S5-0-10IN	125+98.56	399.02	11.5	398.1
	125+98.56	399.53	7.5	398.9
	125+98.56	399.65	11.5	398.7
	126+71.24	398.64	14.0	397.5
FASED-CSD-S6E-0-13IN	126+71.24	399.45	16.0	398.1
	126+71.24	398.70	10.5	397.8
FASED-CSD-S7-0-33IN	127+86.87	398.31	43.5	394.7
	127+86.87	399.18	13.0	398.1
	127+86.87	399.09	14.0	397.9
FASED-CSD-S8-0-29IN	128+82.23	398.28	43.0	394.7
	128+82.23	399.07	17.0	397.7
	128+82.23	399.04	29.0	396.6
	129+72.86	399.09	10.0	398.3
	129+72.86	399.88	11.0	399.0
FASED-CSD-S9W-0-23IN	129+72.86	399.60	25.5	397.5



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

- x PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

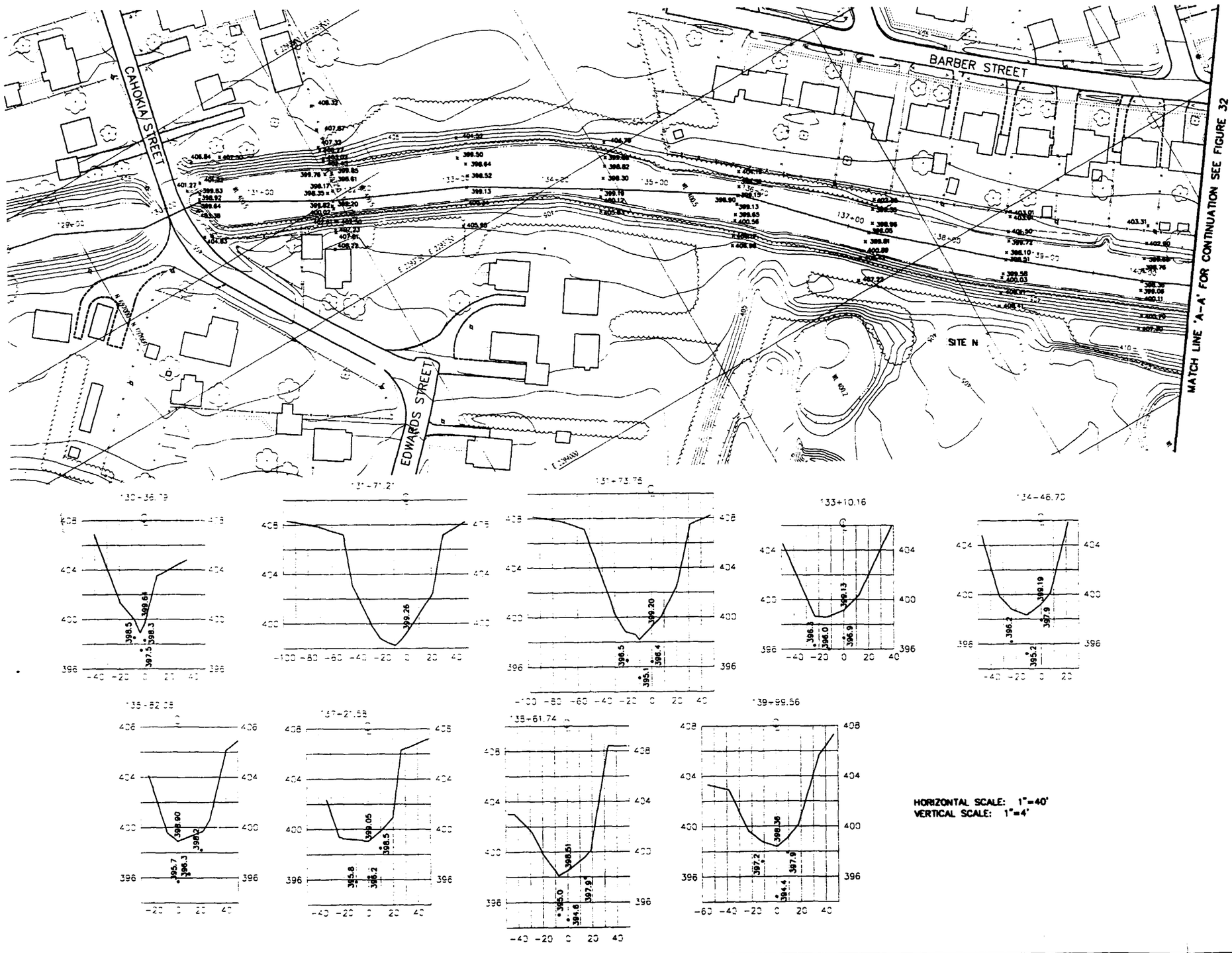
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT D
PLAN & CROSS SECTIONS

FILE NO. 23548.090.32
DATE SEPT. 2000

FIGURE 30

DWG PATH: I:\PROJECTS\...40\23548\DWG\32.DWG
PLOT DATE: 9/7/00



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
FASED-CSC-S1-0-13IN	130+36.79	398.92	17.0	397.5
	130+36.79	399.64	16.5	398.3
	130+36.79	399.83	16.0	398.5
FASED-CSC-S2-0-28IN	131+73.75	398.17	37.0	395.1
	131+73.75	399.20	34.0	396.4
	131+73.75	398.61	25.0	396.5
FASED-CSC-S3-0-20IN	133+10.16	398.52	30.5	396.0
	133+10.16	399.13	27.0	396.9
	133+10.16	398.64	27.5	396.3
FASED-CSC-S4-0-22IN	134+46.70	398.30	37.0	395.2
	134+46.70	399.19	15.0	397.9
	134+46.70	398.82	31.0	396.2
	135+82.08	399.13	33.5	396.3
	135+82.08	399.65	18.0	398.2
FASED-CSC-S5W-0-26IN	135+82.08	399.15	41.5	395.7
	137+21.58	399.05	34.0	396.2
	137+21.58	399.81	16.0	398.5
FASED-CSC-S6W-0-26IN	137+21.58	398.96	38.5	395.8
FASED-CSC-S7-0-29IN	138+61.74	398.51	46.5	394.6
	138+61.74	399.58	20.5	397.9
	138+61.74	398.10	37.0	395.0
FASED-CSC-S8-0-16IN	139+99.56	398.36	47.0	394.4
	139+99.56	399.06	14.0	397.9
	139+99.56	398.76	19.0	397.2

HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

- x PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

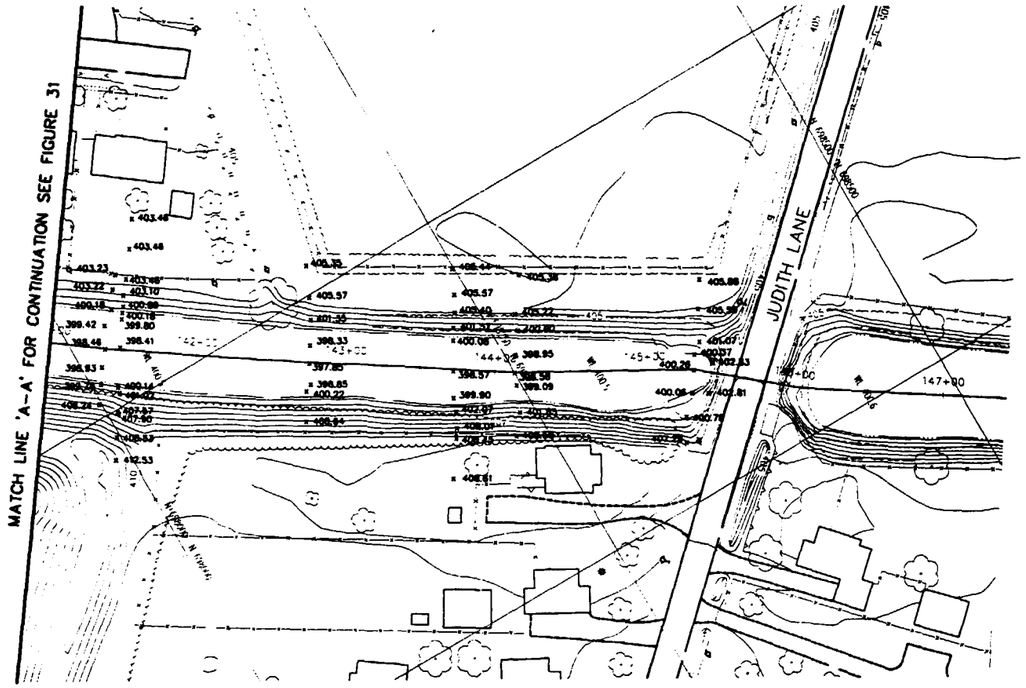
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT C
PLAN & CROSS SECTIONS

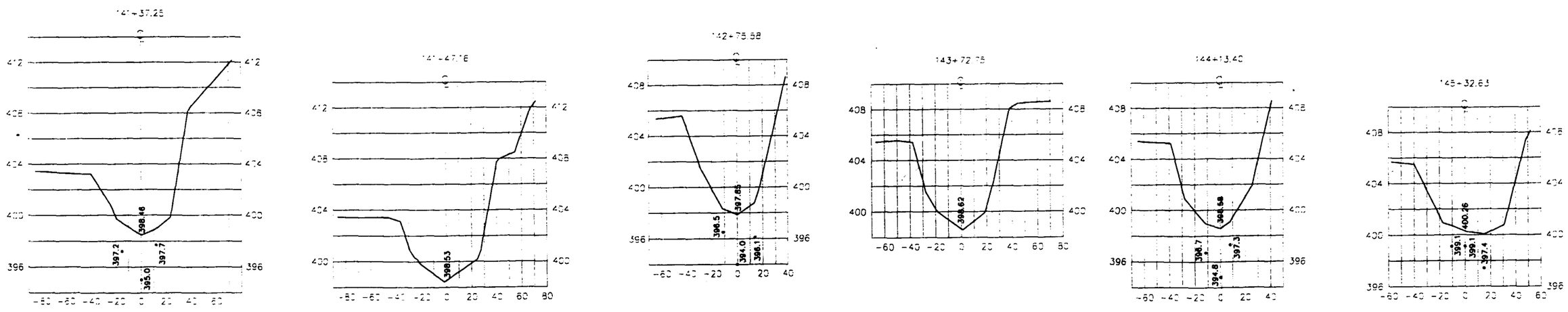
FILE NO. 23548.090.33
DATE SEPT. 2000

FIGURE 31

DWG PATH: I:\PROJECTS\hsu40\23548\DWG\33.DWG
PLOT DATE: 9/7/00



SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
FASED-CSC-S9-0-27IN	141+37.25	398.46	41.5	395.0
	141+37.25	398.93	15.0	397.7
	141+37.25	399.42	26.5	397.2
FASED-CSC-S10-0-28IN	142+75.58	397.85	46.0	394.0
	142+75.58	398.85	33.0	396.1
	142+75.58	398.33	22.5	396.5
FASED-CSC-S11-0-25IN	144+13.40	398.58	45.0	394.8
	144+13.40	399.09	22.0	397.3
	144+13.40	398.95	26.5	396.7
	145+32.63	400.26	13.5	399.1
FASED-CSC-S12E-0-18IN	145+32.63	400.06	31.5	397.4
	145+32.63	400.37	15.0	399.1



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

× PLAN ELEVATION
• SEDIMENT BOTTOM ELEVATION (REFUSAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

SOLUTIA INC
REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT C
PLAN & CROSS SECTIONS

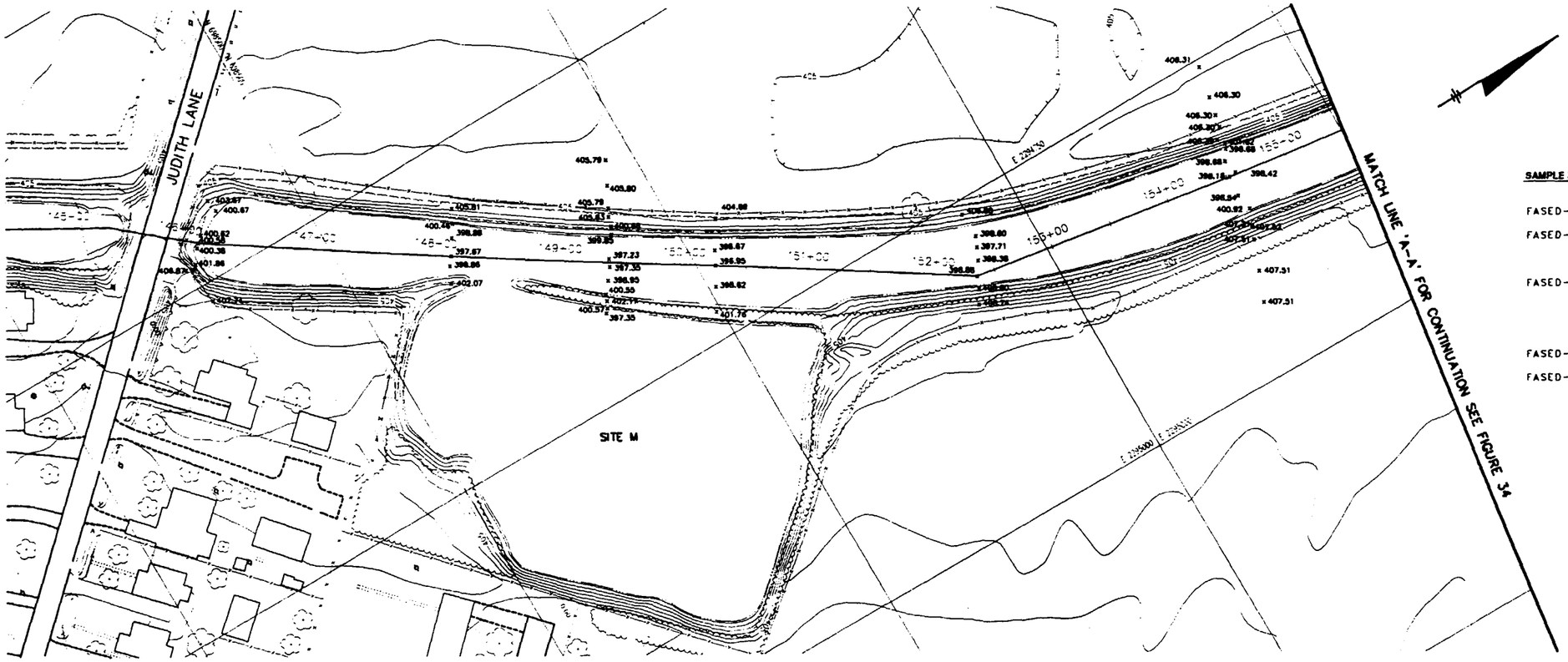
FILE NO. 23548.090.34
DATE SEPT. 2000

FIGURE 32

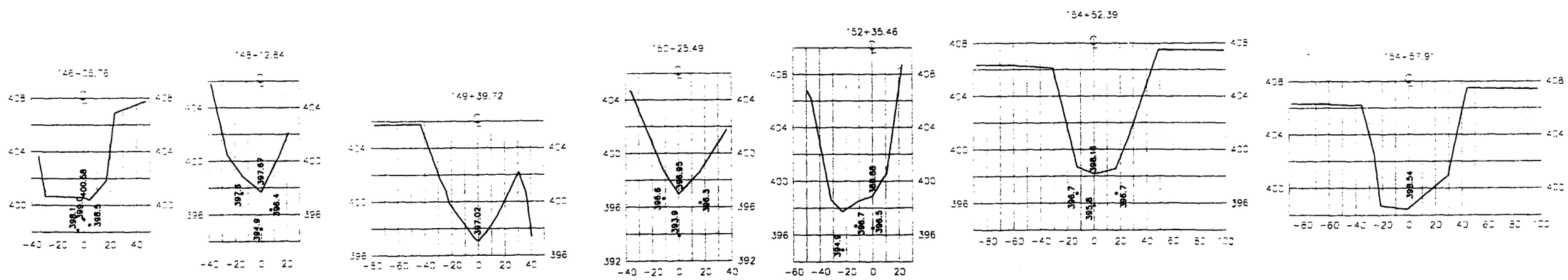
DWG PATH: I:\PROJECTS\R0040\23548\DWG\34.DWG 1=

PLOT DATE: 9/7/00

NOTE:
SEE GENERAL NOTES ON FIGURE 17



SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
	146+05.76	400.58	19.5	399.0
	146+05.76	400.38	22.0	398.5
FASED-CSB-S1W-0-25IN	146+05.76	400.62	30.0	398.1
FASED-CSB-S2-0-23IN	148+12.84	397.67	33.0	394.9
	148+12.84	398.86	30.0	396.4
	148+12.84	398.88	15.5	397.6
FASED-CSB-S3-0-26IN	150+25.49	396.95	37.0	393.9
	150+25.49	398.62	28.0	396.3
	150+25.49	398.67	25.0	396.6
	152+35.46	398.38	20.5	396.7
	152+35.46	398.88	28.5	396.5
FASED-CSB-S4W-0-23IN	152+35.46	397.71	34.0	394.9
FASED-CSB-S5-0-22IN	154+52.39	398.16	28.5	395.8
	154+52.39	398.54	22.0	396.7
	154+52.39	398.68	24.0	396.7



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND
x PLAN ELEVATION
• SEDIMENT BOTTOM ELEVATION (REFUSAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

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REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK – CREEK SEGMENT B
PLAN & CROSS SECTIONS

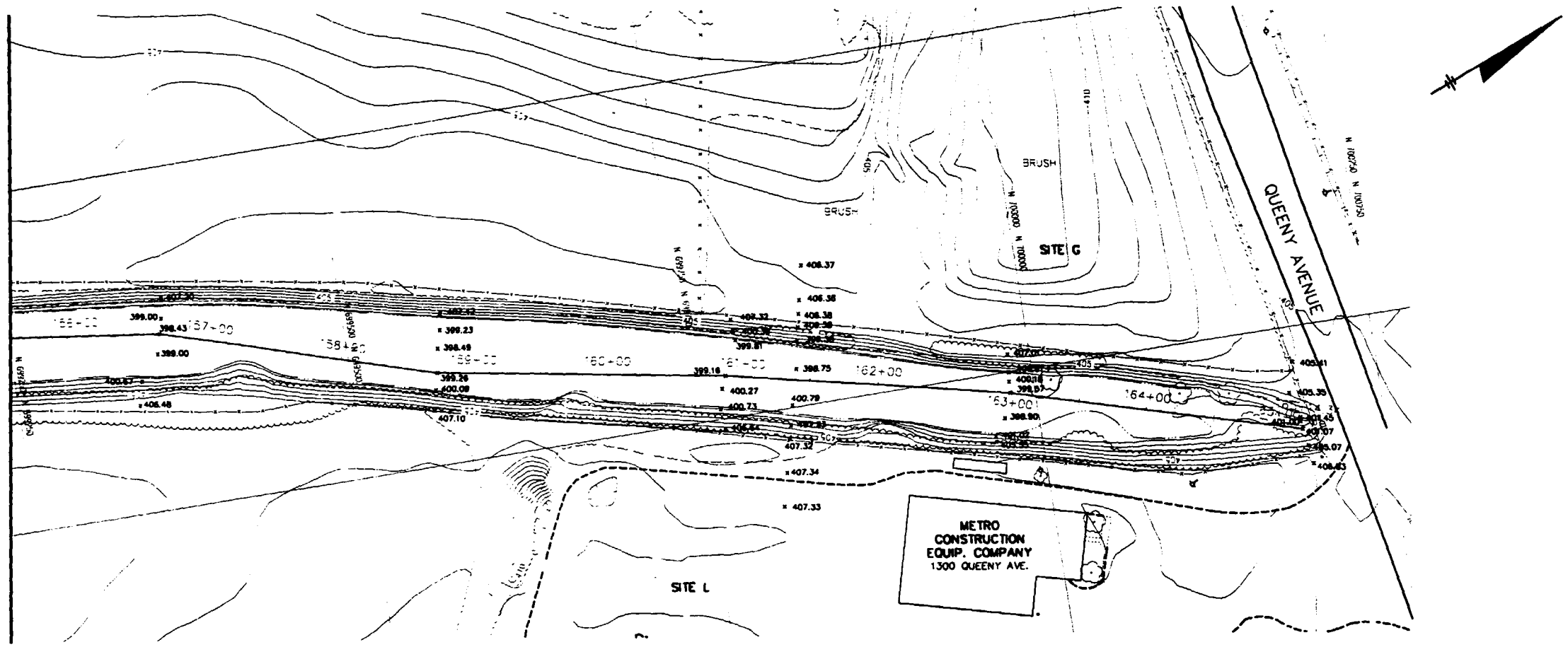
FILE NO. 23548.000.18
DATE SEPT. 2000

FIGURE 33

DWG PATH: I:\PROJECTS\1ba_d\23548\DWWG\18.DWG 1=1
PLOT DATE: 9/1/00

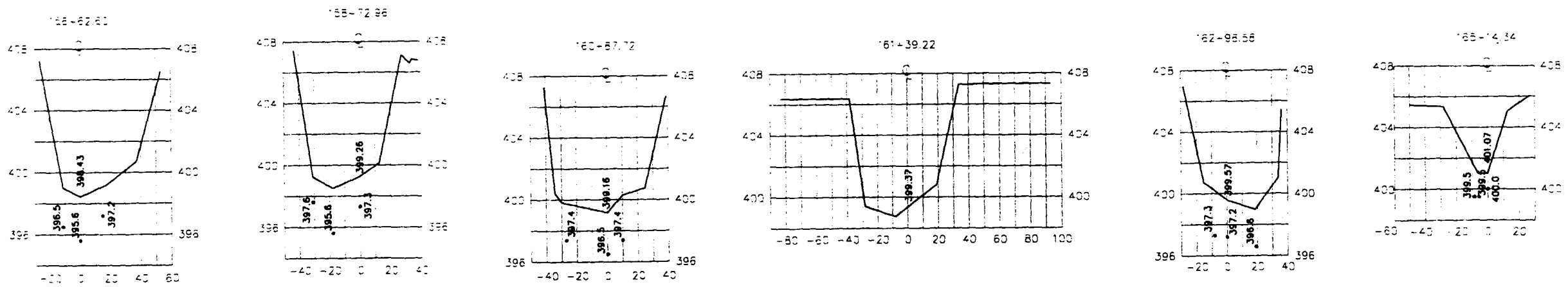
DWG PATH: I:\PROJECTS\10-03\23548\DWG\19.DWG 1=1

MATCH LINE 'A-A' FOR CONTINUATION SEE FIGURE 33



NOTE:
SEE GENERAL NOTES ON FIGURE 17

SAMPLE ID	STATION NUMBER	SEDIMENT TOP ELEVATION	SEDIMENT DEPTH (INCHES)	SEDIMENT BOTTOM ELEVATION
FASED-CSB-S6-0-20IN	156+62.60	398.43	34.0	395.6
	156+62.60	399.00	22.0	397.2
	156+62.60	399.00	29.5	396.5
FASED-CSB-S7-0-18IN	158+72.96	398.49	34.5	395.6
	158+72.96	399.26	23.5	397.3
	158+72.96	399.23	19.5	397.6
	160+87.72	399.16	32.0	396.5
FASED-CSB-S8E-0-22IN	160+87.72	400.27	34.0	397.4
	160+87.72	399.81	29.5	397.4
	162+98.58	399.57	28.0	397.2
	162+98.58	398.90	28.0	396.6
FASED-CSB-S9W-0-9IN	162+98.58	400.18	34.0	397.3
	165+14.34	401.00	18.0	399.5
	165+14.34	401.07	13.0	400.0
FASED-CSB-S10W-0-9IN	165+14.34	401.45	23.5	399.5



HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

LEGEND

- x PLAN ELEVATION
- • SEDIMENT BOTTOM ELEVATION (REFUSAL)

1"=50' 50 0 50 100

O'BRIEN & GERE ENGINEERS INC.

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REMEDIATION TECHNOLOGY GROUP
ST LOUIS, MISSOURI

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SUPPORT SAMPLING PLAN
SAUGET & CAHOKIA, ILLINOIS

DEAD CREEK - CREEK SEGMENT B
PLAN & CROSS SECTIONS

FILE NO. 23548.090.19
DATE SEPT. 2000

FIGURE 34

PLOT DATE: 9/7/00