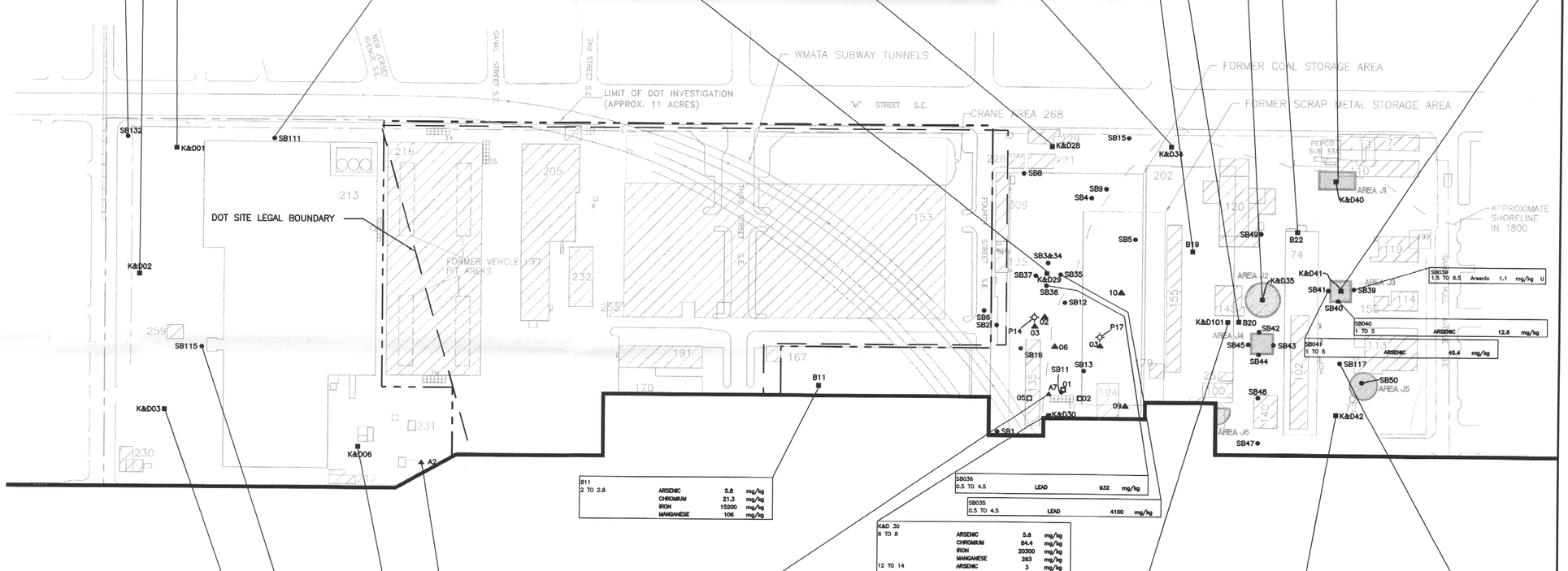
NOTE: CHEMICAL CONSTITUENTS LISTED ON THIS DRAWING FOLLOWED BY A "U", "ND", OR "BDL" MAY NOT ACTUALLY BE PRESENT – REFER TO ACCOMPANYING REPORT FOR FURTHER ENVIRONMENTAL INFORMATION.

NOTE:
SB132 IS LOCATED OFF SITE AT THE SOUTHEAST CORNER OF FIRST AND M STREETS, SE.
SB133 IS LOCATED OFF SITE WEST OF THE GOVERNMENT PRINTING OFFICE.
SB134 IS LOCATED OFF SITE AT 626 E STREET, SE.
SB135 IS LOCATED OFFSITE AT 514 FOURTH STREET, SE.

LEGEND

SB25	– Woodward–Clyde Soil Boring Location (1995)
B1	– Kaselaan & D'Angelo Building Soil Boring Location (1991)
S1	– Kaselaan & D'Angelo River Sediment Sample Location (1991)
K&D 1	– Kaselaan & D'Angelo Soil Boring Location (1991)
SB/MW1	– Kaselaan & D'Angelo Monitoring Well Location (1991)
P1 A01	– Kaselaan & D'Angelo Archaeological Pit & Soil Sample Location (1991)
T7 01	– Kaselaan & D'Angelo UST & Soil Sample Location (1991)
A6	– Apex Soil Boring and River Sediment Locations (1990)
B41	– Enviroserve, Inc. Contaminated Soil Removal Confirmation Sample Location (1999)
AMR01	– Modern Continental, Inc. Contaminated Soil Removal Confirmation Sample Location (1999)
FLIPP0101	– Enviroserve, Inc. Contaminated Soil Removal Confirmation Sample Location (1998)
158–SWPIT	– URS Building Pit Soil Sample Location (1999)
605–D–TVI–SOIL	– John Driggs Corporation Building Pit Soil Sample Location (1998)
159–TVM–6" / BLDG 159–PCB–FINAL	– URS Building Pit Soil Sample Location (1999)
#1 SOIL	– L&M, Inc. Transformer Room Soil or Concrete Chip Sample Location (1999)
160–PCB–1	– URS Transformer Room Soil Sample Location (1999)
AER01	– Environmental Management Services, Inc. UST Closure Soil Sample Location (1999)
1A, 5 / 5	– International Academy, Inc. Tranformer Room Soil Sample Location (1999)
167–SS–1A	– URS Transformer Room Soil Sample Location (1999)
NS9	– URS River Sediment Sampling Location (1999)
AREA SF2-3	– Soil Excavation Area Monitored by URS
	– Known Building Location – Building Demolished
	– AOI Boundary for DOT Parcel
5 to 7 Arsenic 300 ug/kg U	– Sample Depth Interval, (feet) Analyte, Detected or Estimated Concentration, Data Qualifying Code
ARAR	– Applicable or Relevant and Appropriate Requirements

See Data Qualifying Codes Table for Explanation of Data Qualifying Codes on this figure.



K&D 02			
0.5 TO 2.5	ALUMINUM	8320	mg/kg
	ARSENIC	2.3	mg/kg
	CHROMIUM	14.8	mg/kg
	IRON	15000	mg/kg
	MANGANESE	553	mg/kg
10.5 TO 12.5	ALUMINUM	13300	mg/kg
	ARSENIC	0.79	mg/kg
	CHROMIUM	21.2	mg/kg
	IRON	12800	mg/kg
	MANGANESE	102	mg/kg

SB132				
2 TO 4	ALUMINUM	10100	mg/kg	J
	CHROMIUM	17.6	mg/kg	L
	IRON	22500	mg/kg	J
2 TO 4	ALUMINUM	6560	mg/kg	J
	CHROMIUM	14.1	mg/kg	L
	IRON	27300	mg/kg	J

K&D 01			
2 TO 4	ALUMINUM	9600	mg/kg
	ARSENIC	4.3	mg/kg
	CHROMIUM	16.8	mg/kg
	IRON	18800	mg/kg
	MANGANESE	211	mg/kg
14 TO 16	ARSENIC	2.3	mg/kg
	CHROMIUM	13.9	mg/kg
	IRON	13700	mg/kg
	MANGANESE	134	mg/kg

SB111				
2 TO 4	CHROMIUM	12.9	mg/kg	J
	IRON	19000	mg/kg	

K&D 28			
2 TO 4	ALUMINUM	19100	mg/kg
	ARSENIC	2.9	mg/kg
	CHROMIUM	28.3	mg/kg
	IRON	19800	mg/kg
	MANGANESE	210	mg/kg
10 TO 12	ALUMINUM	12100	mg/kg
	ARSENIC	5.2	mg/kg
	CHROMIUM	18.9	mg/kg
	IRON	23300	mg/kg
	MANGANESE	224	mg/kg

K&D 34			
1.5 TO 3.5	ARSENIC	5.4	mg/kg
	CHROMIUM	12.1	mg/kg
	COPPER	408	mg/kg
	IRON	12500	mg/kg
	MANGANESE	144	mg/kg
7.5 TO 9.5	ALUMINUM	25400	mg/kg
	ARSENIC	3.8	mg/kg
	CHROMIUM	31.1	mg/kg
	IRON	27300	mg/kg
	MANGANESE	204	mg/kg

K&D 29			
0.5 TO 2.5	ARSENIC	5.5	mg/kg
	CHROMIUM	29.4	mg/kg
	COPPER	437	mg/kg
	IRON	26300	mg/kg
	LEAD	681	mg/kg
	MANGANESE	318	mg/kg
4.5 TO 6.5	ALUMINUM	10700	mg/kg
	ARSENIC	10.7	mg/kg
	CHROMIUM	21.1	mg/kg
	IRON	22300	mg/kg
	MANGANESE	158	mg/kg

K&D 35			
10.5 TO 12.5	ALUMINUM	9510	mg/kg
	ARSENIC	11	mg/kg
	CHROMIUM	20.5	mg/kg
	COPPER	1280	mg/kg
	IRON	38600	mg/kg
	MANGANESE	304	mg/kg
	MERCURY	0.82	mg/kg

B20			
8 TO 9	ARSENIC	2.1	mg/kg
	CHROMIUM	12.8	mg/kg
	IRON	14100	mg/kg

B19			
5 TO 6	ARSENIC	0.96	mg/kg
	CHROMIUM	7.5	mg/kg
	IRON	6330	mg/kg

B22			
8 TO 10	ARSENIC	4.5	mg/kg
	CHROMIUM	12.9	mg/kg
	COPPER	682	mg/kg
	IRON	18600	mg/kg
	MANGANESE	138	mg/kg
	MERCURY	1.2	mg/kg

K&D 40			
9 TO 11	ARSENIC	7.4	mg/kg
	CHROMIUM	34.4	mg/kg
	COPPER	1250	mg/kg
	IRON	69200	mg/kg
	MANGANESE	2870	mg/kg

K&D 41			
6 TO 10.	ARSENIC	6.7	mg/kg
	CHROMIUM	19.3	mg/kg
	COPPER	1210	mg/kg
	IRON	54200	mg/kg
	MANGANESE	200	mg/kg

SB039				
1.5 TO 6.5	Arsenic	1.1	mg/kg	U

SB040			
1 TO 5	ARSENIC	12.6	mg/kg

SB041			
1 TO 5	ARSENIC	45.4	mg/kg

K&D 03			
0.8 TO 2.8	ALUMINUM	9520	mg/kg
	ARSENIC	1.4	mg/kg
	CHROMIUM	10.9	mg/kg
	IRON	7330	mg/kg
	MANGANESE	415	mg/kg
20.8 TO 22.8	ALUMINUM	13800	mg/kg
	ARSENIC	1.4	mg/kg
	CHROMIUM	21.7	mg/kg
	IRON	15300	mg/kg
	MANGANESE	198	mg/kg

SB115			
2 TO 4	IRON	5430	mg/kg
	Arsenic	0.92	mg/kg UL

K&D 06			
0.5 TO 2.5	ALUMINUM	12900	mg/kg
	ARSENIC	2.6	mg/kg
	CHROMIUM	20.7	mg/kg
	IRON	20600	mg/kg
	MANGANESE	322	mg/kg
22.5 TO 24.5	ALUMINUM	12000	mg/kg
	ARSENIC	1	mg/kg
	CHROMIUM	21.8	mg/kg
	IRON	8020	mg/kg
	MANGANESE	99.3	mg/kg

A2			
6.5 TO 7	ARSENIC	10.3	mg/kg
	CHROMIUM	15.6	mg/kg
15.5 TO 18	ARSENIC	6.2	mg/kg
	CHROMIUM	27.5	mg/kg

B11			
2 TO 2.8	ARSENIC	5.8	mg/kg
	CHROMIUM	21.3	mg/kg
	IRON	15200	mg/kg
	MANGANESE	106	mg/kg

SB036			
0.5 TO 4.5	LEAD	932	mg/kg

SB035			
0.5 TO 4.5	LEAD	4100	mg/kg

K&D 30			
6 TO 8	ARSENIC	5.6	mg/kg
	CHROMIUM	84.4	mg/kg
	IRON	20300	mg/kg
	MANGANESE	263	mg/kg
12 TO 14	ARSENIC	3	mg/kg
	CHROMIUM	10	mg/kg
	IRON	7270	mg/kg

A7			
7 TO 7.5	ARSENIC	8.0	mg/kg
	CADMIUM	5.6	mg/kg
	CHROMIUM	23.8	mg/kg

K&D 42			
1 TO 3	ALUMINUM	16100	mg/kg
	ARSENIC	6.2	mg/kg
	CHROMIUM	22.5	mg/kg
	IRON	26900	mg/kg
	MANGANESE	530	mg/kg
9 TO 11	ARSENIC	8.8	mg/kg
	CHROMIUM	5.8	mg/kg
	COPPER	731	mg/kg
	IRON	32300	mg/kg
	MANGANESE	308	mg/kg

K&D 101			
10 TO 12	ARSENIC	6.4	mg/kg
	CADMIUM	29.7	mg/kg
	CHROMIUM	95.7	mg/kg
	COPPER	2070	mg/kg
	IRON	192000	mg/kg
	LEAD	1670	mg/kg
	MANGANESE	1060	mg/kg
	ZINC	2000	mg/kg

SB117				
2 TO 4	ALUMINUM	9500	mg/kg	
	CHROMIUM	13.8	mg/kg	
	IRON	28200	mg/kg	
	MANGANESE	383	mg/kg	J
	Arsenic	0.91	mg/kg	U

SB134				
1 TO 3	LEAD	584	mg/kg	J
1 TO 2	CHROMIUM	11.8	mg/kg	J
	IRON	8750	mg/kg	
	MANGANESE	172	mg/kg	
5 TO 6	ALUMINUM	14700	mg/kg	
	CHROMIUM	24.3	mg/kg	J
	IRON	32200	mg/kg	
	MANGANESE	95.1	mg/kg	

*SOIL BORING SB134 LOCATED OUTSIDE SUBJECT PROPERTY AT 628 E STREET, SE.

SB135				
1 TO 3	ALUMINUM	12400	mg/kg	
	CHROMIUM	19.7	mg/kg	J
	IRON	21400	mg/kg	
	MANGANESE	173	mg/kg	
4 TO 6	ALUMINUM	14100	mg/kg	
	CHROMIUM	23.7	mg/kg	J
	IRON	29200	mg/kg	
	MANGANESE	428	mg/kg	

*SOIL BORING SB135 LOCATED OUTSIDE SUBJECT PROPERTY AT 514 4TH STREET, SE.

0 50 100
SCALE IN FEET

CLIENT	U.S. GENERAL SERVICES ADMINISTRATION		
PROJ	SOUTHEAST FEDERAL CENTER RFI		
REVISION NO 1	DES BY	HG	4/18/03
SCALE AS SHOWN	DR BY	DK	01/30/04
FILE NAME	CHK BY	CG	01/30/04
TITLE	SOIL, PREVIOUS INVESTIGATION METALS CONCENTRATIONS EXCEEDING ARARs (1990 THROUGH 1999)		
URS	PROJ NO 15291931		
	FIGURE 4-17A		