

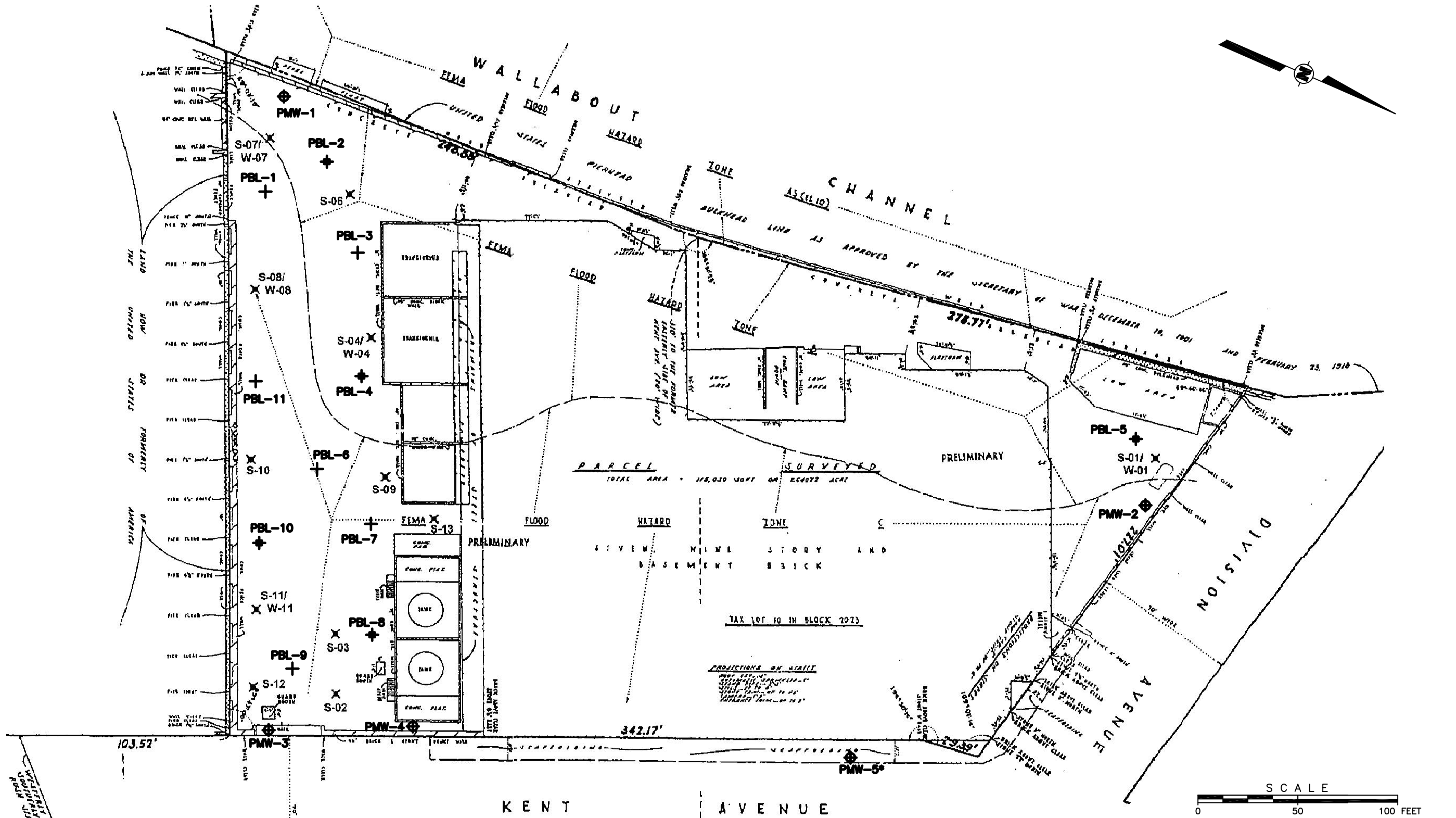
Shaw Environmental & Infrastructure
 Engineering of New York, P.C.

SITE LOCATION MAP

CON EDISON
 FORMER GENERATING STATION
 500 KENT AVENUE, BROOKLYN, NEW YORK

DESIGNED BY	S. Ash	1/24/07	CHECKED BY	S. Ash	1/24/07
DRAWN BY	R. Tagoff	1/24/07	APPROVED BY	S. Ash	1/24/07
SCALE:	DRAWING NO.	PROJECT NO.	SHEET NO.	REVISION NO.	
AS SHOWN	121153-FIG1	121153	FIGURE 1	--	


REFERENCE:
 7.5 MINUTE SERIES TOPOGRAPHIC MAP OF BROOKLYN, NY
 USGS GEOLOGICAL SURVEY, 1966, 1927 NORTH AMERICAN DATUM

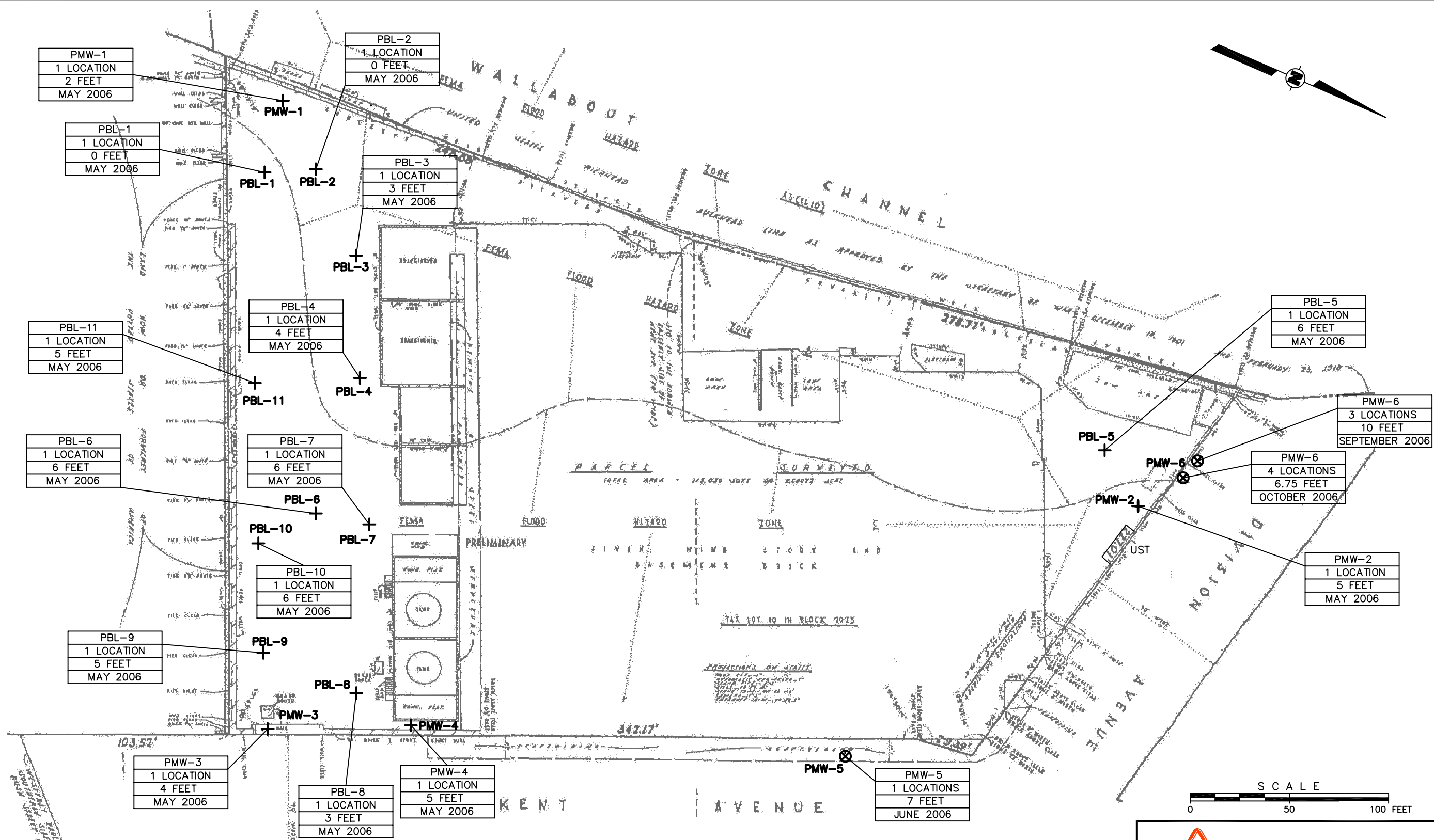


LEGEND

- ✕ SOIL BORING AND GROUNDWATER SAMPLE LOCATION (2000)
- ✦ PROPOSED SOIL BORING LOCATION COMPLETED AS MONITORING WELL WHICH INCLUDES SAMPLE FOR WASTE CHARACTERIZATION (MAY 2006)
- +
- ✦ PROPOSED SOIL BORING LOCATION WHICH INCLUDES SAMPLE FOR WASTE CHARACTERIZATION (MAY 2006)
- ✦ PROPOSED SOIL BORING LOCATION COMPLETED AS MONITORING WELL (MAY 2006)
- ◆
- OPTIONAL (MAY 2006)

SITE PLAN SOURCE: "PHASE II INVESTIGATION REPORT: KENT AVENUE SITE",
LAWLER, MATUSKY, AND SKELLY ENGINEERS, LLP,
DATE: FEBRUARY 2000

 Shaw Environmental & Infrastructure				
SITE PLAN WITH PROPOSED SOIL AND GROUNDWATER SAMPLING LOCATIONS-MAY 2006 CON EDISON FORMER GENERATING STATION 500 KENT AVENUE, BROOKLYN, NEW YORK				
DESIGNED BY	S. Ash	1/24/07	CHECKED BY	S. Ash
DRAWN BY	R. Tagoff	1/24/07	APPROVED BY	S. Ash
SCALE:	DRAWING NO.	PROJECT NO.	SHEET NO.	REVISION NO.
AS SHOWN	121153-FIG2	121153	FIGURE 2	--



SITE PLAN SOURCE: "PHASE II INVESTIGATION REPORT: KENT AVENUE SITE",
 LAWLER, MATUSKY, AND SKELLY ENGINEERS, LLP,
 DATE: FEBRUARY 2000

LEGEND

+ PROPOSED SOIL BORING/MONITORING WELL LOCATION (MAY 2006)
 ⊗ PROPOSED SOIL BORING/MONITORING WELL LOCATION (SEPTEMBER 2006)

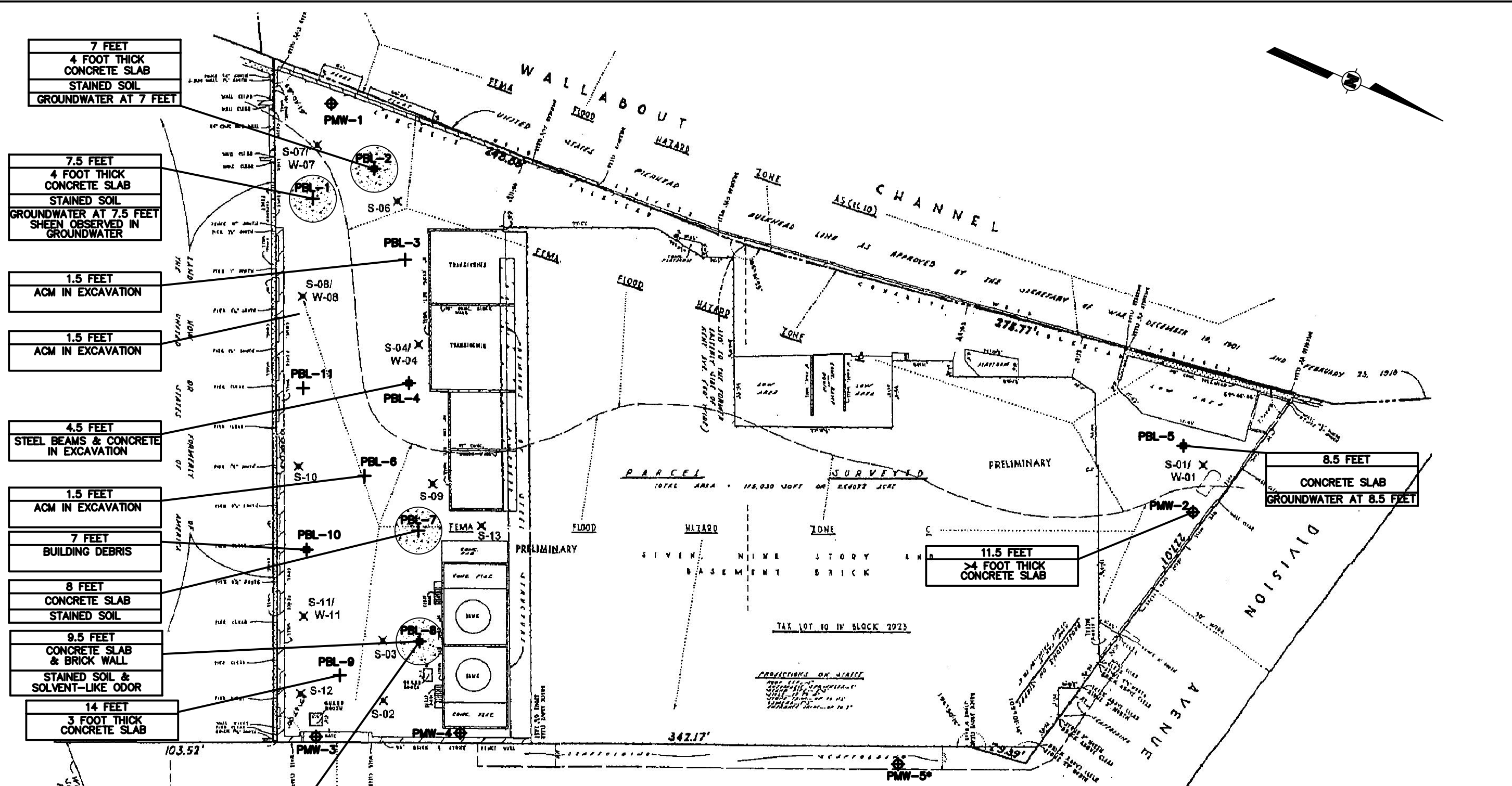
PMW-6	-BORING IDENTIFICATION
4 LOCATIONS	-NUMBER OF LOCATIONS
6.75	-DEPTH OF CLEARANCE BELOW GROUND SURFACE
OCTOBER 2006	-DATE OF CLEARANCE

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BOREHOLE CLEARANCE ATTEMPTS BY LOCATION

CON EDISON
 FORMER GENERATING STATION
 500 KENT AVENUE, BROOKLYN, NEW YORK

DESIGNED BY	A. Miesak	1/18/07	CHECKED BY	A. Miesak	1/18/07
DRAWN BY	R. Tagoff	1/18/07	APPROVED BY	S. Ash	1/18/07
SCALE:	DRAWING NO.	PROJECT NO.	SHEET NO.	REVISION NO.	
AS SHOWN	121153-FIG3	121153	FIGURE 3	--	



NYSDEC NOTIFIED OF CONTAMINATED SOILS AT THIS LOCATION ON JULY 14, 2006. SPILL #0604169 ASSIGNED BY NYSDEC.

SITE PLAN SOURCE: "PHASE II INVESTIGATION REPORT: KENT AVENUE SITE", LAWLER, MATUSKY, AND SKELLY ENGINEERS, LLP, DATE: FEBRUARY 2000

LEGEND

- ✕ SOIL BORING AND GROUNDWATER SAMPLE LOCATION (2000)
- ✕ SOIL BORING AND GROUNDWATER SAMPLE LOCATION (OPTIONAL)
- ✚ PROPOSED SOIL BORING LOCATION (2006)
- ✚ PROPOSED SOIL BORING LOCATION WHICH INCLUDES SAMPLE FOR WASTE CHARACTERIZATION
- ⊕ PROPOSED SOIL BORING LOCATION COMPLETED AS MONITORING WELL
- ⊕ PROPOSED SOIL BORING LOCATION COMPLETED AS MONITORING WELL WHICH INCLUDES SAMPLE FOR WASTE CHARACTERIZATION

7.5 FEET	-DEPTH OF COMPLETED TEST PIT
4 FOOT THICK CONCRETE SLAB	-REMARKABLE OBSERVATIONS
STAINED SOIL	-REMARKABLE OBSERVATIONS
GROUNDWATER AT 7.5 FEET	-REMARKABLE OBSERVATIONS

ACM = ASBESTOS-CONTAINING MATERIAL

SOILS EXHIBITING EVIDENCE OF CONTAMINATION ENCOUNTERED AT THIS LOCATION. SOILS WERE EXCAVATED AND REMOVED FROM THE SITE.

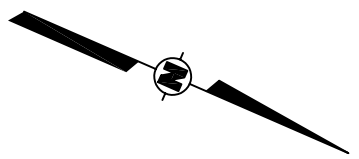
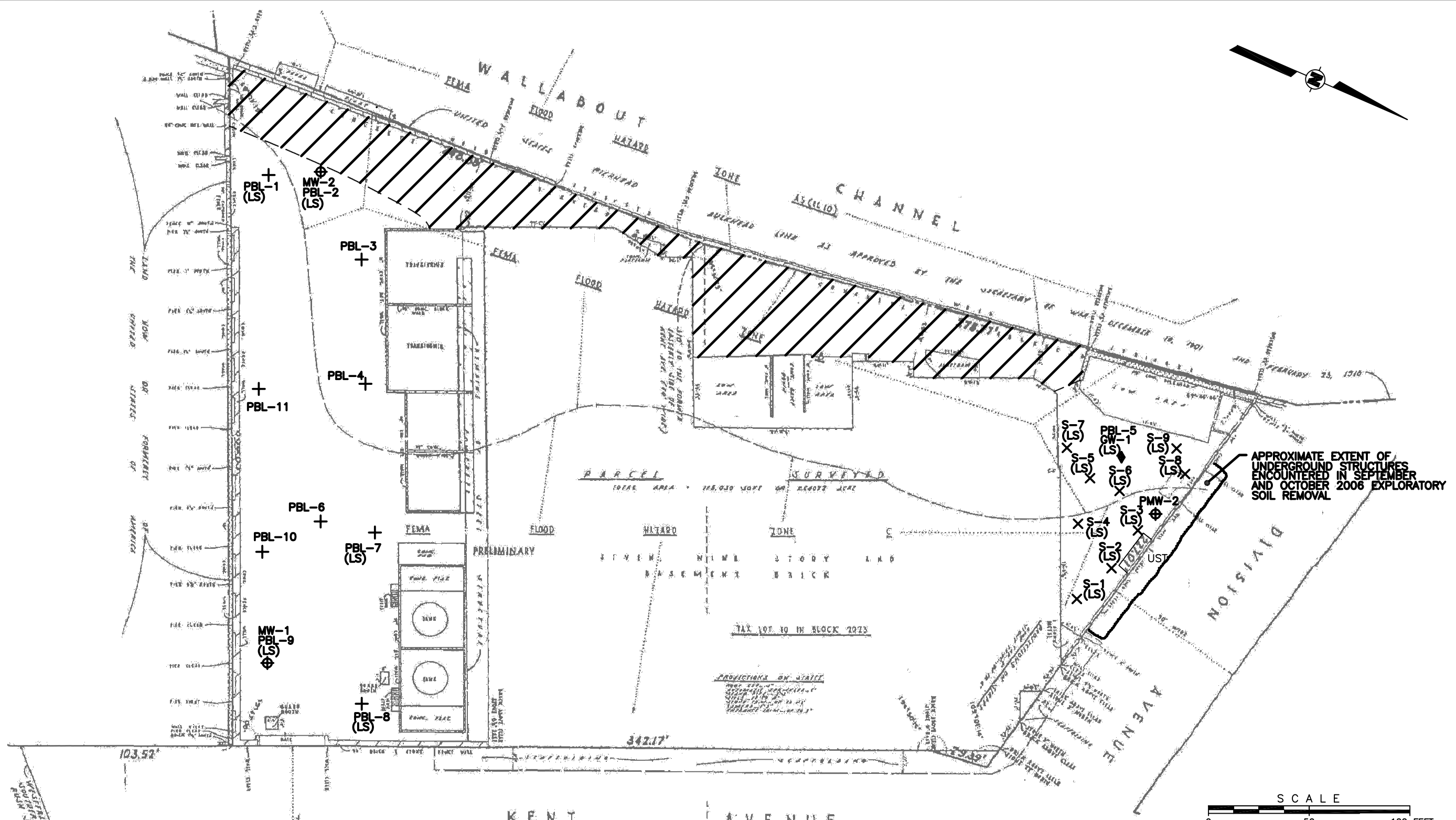
SCALE 0 50 100 FEET

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TEST PIT SUMMARY MAP

CON EDISON
FORMER GENERATING STATION
500 KENT AVENUE, BROOKLYN, NEW YORK

DESIGNED BY	S. Ash	3/9/07	CHECKED BY	S. Ash	3/9/07
DRAWN BY	R. Tagoff	3/9/07	APPROVED BY	S. Ash	3/9/07
SCALE:	DRAWING NO.	PROJECT NO.	SHEET NO.	REVISION NO.	
AS SHOWN	121153-FIG4	121153	FIGURE 4	--	

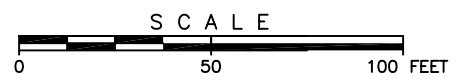


APPROXIMATE EXTENT OF UNDERGROUND STRUCTURES ENCOUNTERED IN SEPTEMBER AND OCTOBER 2006 EXPLORATORY SOIL REMOVAL

KENT AVENUE

- LEGEND**
- + SOIL BORING/TEST PIT LOCATION (JULY 2006)
 - MW-2 (Symbol) SOIL BORING LOCATION COMPLETED AS MONITORING WELL (AUGUST 2006)
 - GW-1 (Symbol) SOIL BORING LOCATION COMPLETED AS TEMPORARY MONITORING WELL (DECEMBER 2006)
 - X SOIL BORING LOCATION (DECEMBER 2006)
 - ////// AREA SUSPECTED OF, OR CONFIRMED UNDERLAIN BY WATER DISCHARGE TUNNELS

LS = LAB SAMPLE COLLECTED AT THIS LOCATION FOR LABORATORY ANALYSIS



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SITE PLAN WITH ACTUAL SUBSURFACE SAMPLING LOCATIONS
 CON EDISON
 FORMER GENERATING STATION
 500 KENT AVENUE, BROOKLYN, NEW YORK

DESIGNED BY	S. Ash	1/24/07	CHECKED BY	S. Ash	1/24/07
DRAWN BY	R. Tagoff	1/24/07	APPROVED BY	S. Ash	1/24/07
SCALE:	DRAWING NO.	PROJECT NO.	SHEET NO.	REVISION NO.	
AS SHOWN	121153-FIG5	121153	FIGURE 5	--	

XREF Files: IMAGE Files: Work Area.JPG
 File: F:\Con_Ed\Kent Ave\FINAL\121153-FIG5.dwg
 Plot Date/Time: Jan 24, 2007 - 6:41pm
 Plotted By: randy.tagoff

SITE PLAN SOURCE: "PHASE II INVESTIGATION REPORT: KENT AVENUE SITE",
 LAWLER, MATUSKY, AND SKELLY ENGINEERS, LLP,
 DATE: FEBRUARY 2000

PBL-1	
DATE	7/26/06
DEPTH	5-5.5
TVOCs	0.18
TSVOCs	394.87
TMETALS	28,727
TPHs	3,420
TPCBs	ND

PBL-2	
DATE	7/26/06
DEPTH	6-6.5
TVOCs	0.120
TSVOCs	1.59
TMETALS	28,065
TPHs	17.90
TPCBs	ND

PBL-9	
DATE	7/20/06
DEPTH	14-14.5
TVOCs	0.076
TSVOCs	0.11
TMETALS	28,311
TPHs	ND
TPCBs	ND

PBL-7	
DATE	7/17/06
DEPTH	7-7.5
TVOCs	0.175
TSVOCs	1,998
TMETALS	69,114
TPHs	NA
TPCBs	3.500

PBL-8	
DATE	7/14/06
DEPTH	8-8.5
TVOCs	0.169
TSVOCs	20.85
TMETALS	139,534
TPHs	1,560
TPCBs	0.370

PBL-8A	
DATE	7/14/06
DEPTH	9-9.5
TVOCs	0.093
TSVOCs	5.81
TMETALS	106,975
TPHs	808
TPCBs	0.450

S-6	
DATE	12/5/06
DEPTH	-
TVOCs	NA
TSVOCs	NA
TMETALS	NA
TPHs	183
TPCBs	0.089

S-4	
DATE	12/5/06
DEPTH	-
TVOCs	NA
TSVOCs	NA
TMETALS	NA
TPHs	89
TPCBs	0.16

S-1	
DATE	12/5/06
DEPTH	-
TVOCs	NA
TSVOCs	NA
TMETALS	19,565
TPHs	25.7
TPCBs	0.1

S-7	
DATE	12/5/06
DEPTH	-
TVOCs	NA
TSVOCs	NA
TMETALS	NA
TPHs	51.1
TPCBs	0.05

PBL-5	
DATE	7/25/06
DEPTH	8-8.5
TVOCs	0
TSVOCs	24.79
TMETALS	45,155
TPHs	113.0
TPCBs	0.095

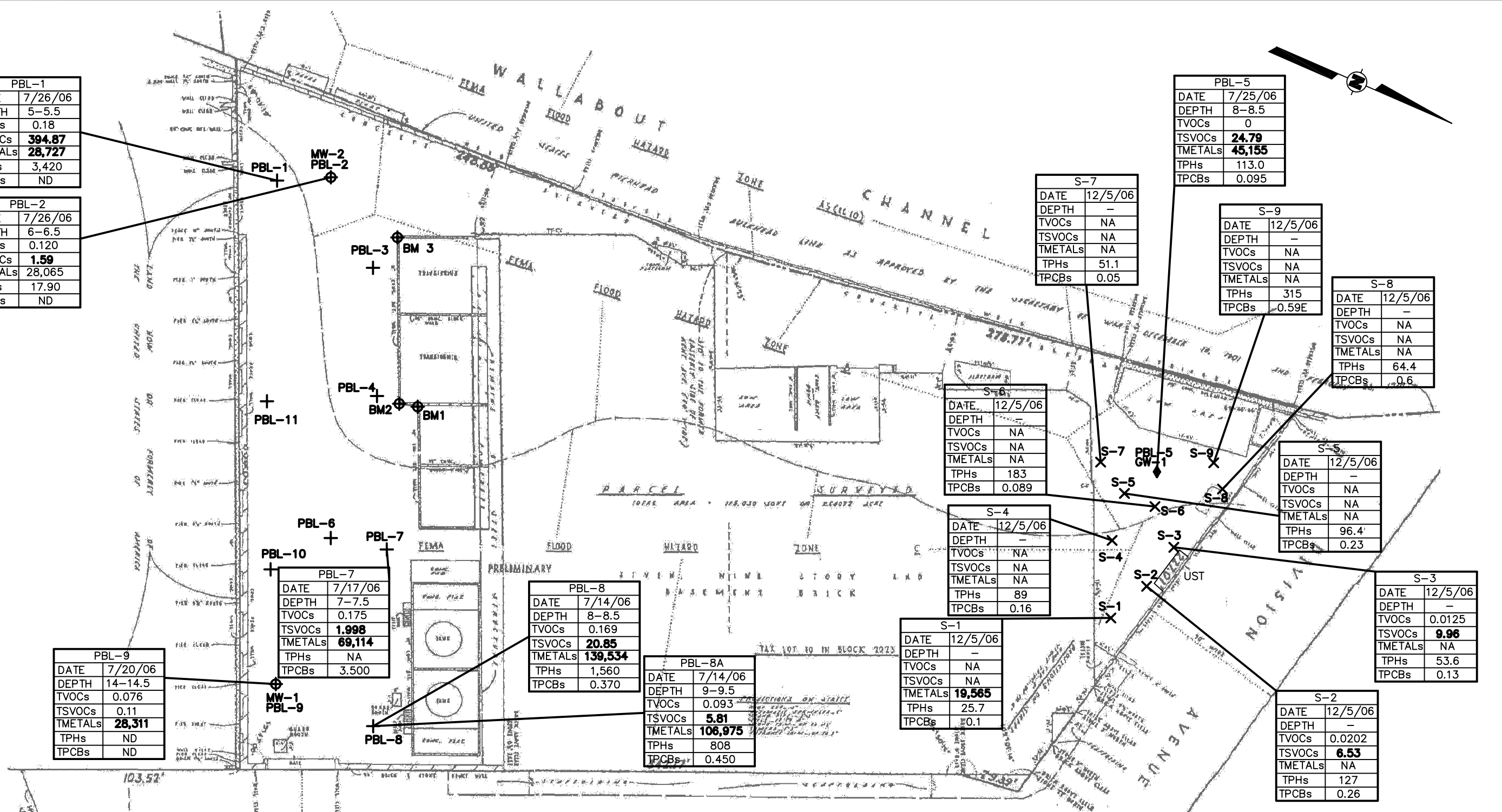
S-9	
DATE	12/5/06
DEPTH	-
TVOCs	NA
TSVOCs	NA
TMETALS	NA
TPHs	315
TPCBs	0.59E

S-8	
DATE	12/5/06
DEPTH	-
TVOCs	NA
TSVOCs	NA
TMETALS	NA
TPHs	64.4
TPCBs	0.6

S-5	
DATE	12/5/06
DEPTH	-
TVOCs	NA
TSVOCs	NA
TMETALS	NA
TPHs	96.4
TPCBs	0.23

S-3	
DATE	12/5/06
DEPTH	-
TVOCs	0.0125
TSVOCs	9.96
TMETALS	NA
TPHs	53.6
TPCBs	0.13

S-2	
DATE	12/5/06
DEPTH	-
TVOCs	0.0202
TSVOCs	6.53
TMETALS	NA
TPHs	127
TPCBs	0.26



XREF Files: IMAGE Files: Work Area.JPG
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 Plot Date/Time: Jan 25, 2007 - 10:10am
 Plotted By: randy.tagoff

SITE PLAN SOURCE: "PHASE II INVESTIGATION REPORT: KENT AVENUE SITE",
 LAWLER, MATUSKY, AND SKELLY ENGINEERS, LLP,
 DATE: FEBRUARY 2000

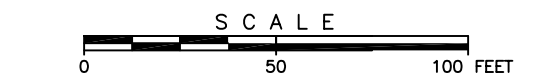
- LEGEND**
- + SOIL BORING/TEST PIT LOCATION (JULY 2006)
 - MW-2 SOIL BORING LOCATION COMPLETED AS MONITORING WELL
 - GW-1 SOIL BORING LOCATION COMPLETED AS TEMPORARY WELL
 - X SOIL BORING LOCATION (DECEMBER 2006)
 - BM1 BENCH MARK (ARBITRARY DATUM)

S-1	
DATE	12/5/06
DEPTH	-
TVOCs	NA
TSVOCs	NA
TMETALS	19,565
TPHs	25.7
TPCBs	0.1

-BORING I.D.
 -DATE
 -DEPTH (FEET)
 -TOTAL VOLATILE ORGANIC COMPOUNDS (mg/kg)
 -TOTAL SEMI-VOLATILE ORGANIC COMPOUNDS (mg/kg)
 -TOTAL METALS (mg/kg)
 -TOTAL PETROLEUM HYDROCARBONS (mg/kg)
 -TOTAL POLYCHLORINATED BIPHENYLS (mg/kg)

ANALYTICAL RESULTS IN **BOLD** INDICATE AN EXCEEDANCE OF ONE OR MORE COMPOUNDS TO NYSDEC TAGMS

ND = NOT DETECTED
 NA = NOT ANALYZED
 mg/kg = MILLIGRAMS PER KILOGRAM



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SOIL ANALYTICAL DATA

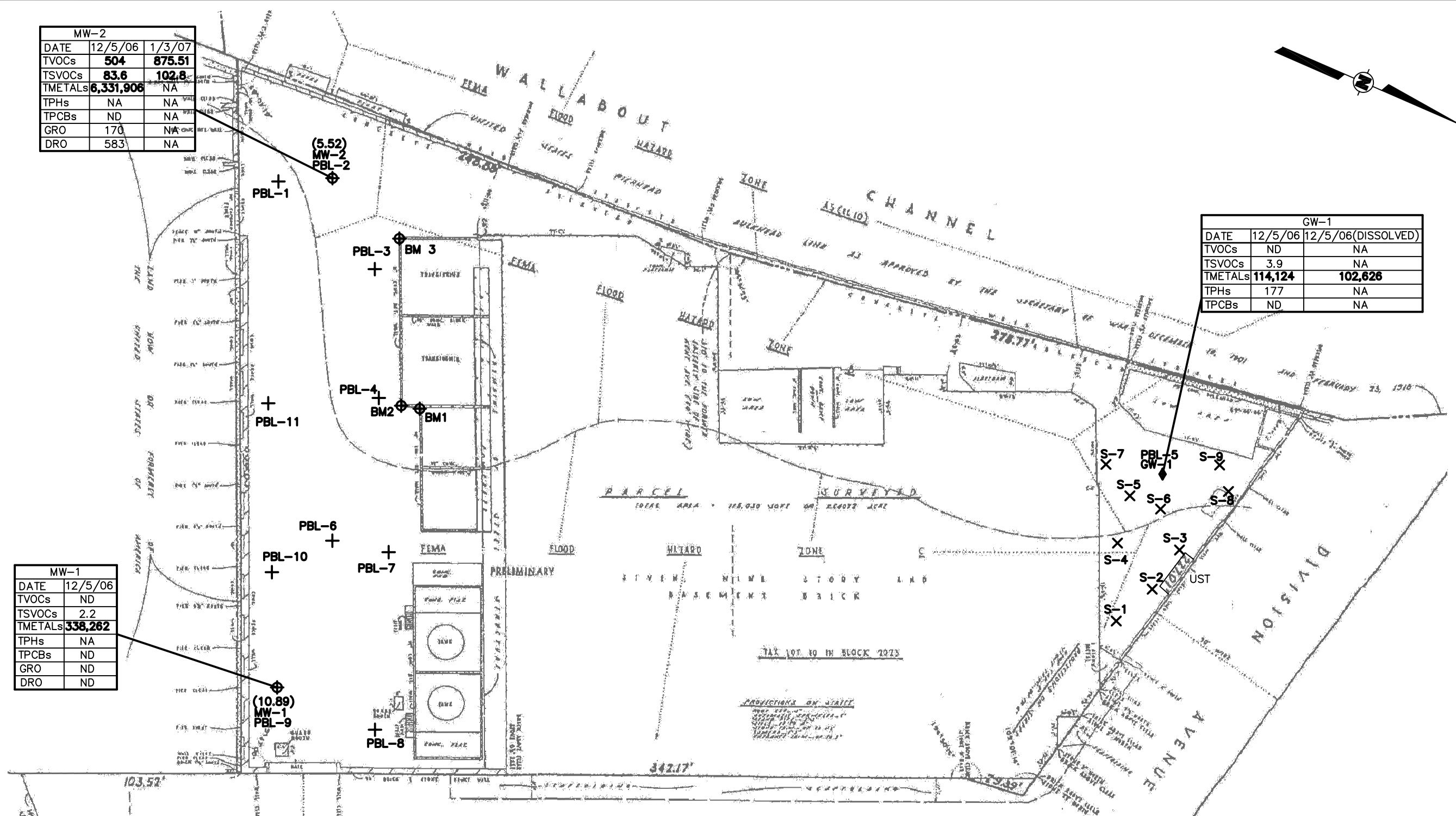
CON EDISON
 FORMER GENERATING STATION
 500 KENT AVENUE, BROOKLYN, NEW YORK

DESIGNED BY	A. Miesak	1/24/07	CHECKED BY	A. Miesak	1/24/07
DRAWN BY	R. Tagoff	1/24/07	APPROVED BY	S. Ash	1/24/07
SCALE:	AS SHOWN	DRAWING NO.	121153-FIG6	PROJECT NO.	121153
		SHEET NO.	FIGURE 6	SHEET NO.	---

MW-2		
DATE	12/5/06	1/3/07
TVOCs	504	875.51
TSVOCs	83.6	102.8
TMETALS	6,331,906	NA
TPHs	NA	NA
TPCBs	ND	NA
GRO	170	NA
DRO	583	NA

MW-1	
DATE	12/5/06
TVOCs	ND
TSVOCs	2.2
TMETALS	338,262
TPHs	NA
TPCBs	ND
GRO	ND
DRO	ND

GW-1		
DATE	12/5/06	12/5/06(DISSOLVED)
TVOCs	ND	NA
TSVOCs	3.9	NA
TMETALS	114,124	102,626
TPHs	177	NA
TPCBs	ND	NA



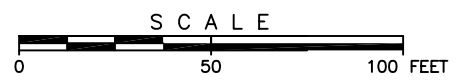
XREF Files: IMAGE Files: Work Area.JPG
 File: F:\Con_Ed\Kent Ave\FINAL\121153-FIG7.dwg
 Plot Date/Time: Jan 24, 2007 - 6:44pm
 Plotted By: randy.tagoff

SITE PLAN SOURCE: "PHASE II INVESTIGATION REPORT: KENT AVENUE SITE",
 LAWLER, MATUSKY, AND SKELLY ENGINEERS, LLP,
 DATE: FEBRUARY 2000

- LEGEND**
- + SOIL BORING/TEST PIT LOCATION (JULY 2006)
 - MW-2 SOIL BORING LOCATION COMPLETED AS MONITORING WELL
 - GW-1 SOIL BORING LOCATION COMPLETED AS TEMPORARY WELL
 - X SOIL BORING LOCATION (DECEMBER 2006)
 - BM1 BENCH MARK (ARBITRARY DATUM)
 - (10.89) GROUNDWATER ELEVATION IN FEET ABOVE SITE DATUM

MW-1	
DATE	12/5/06
TVOCs	ND
TSVOCs	2.2
TMETALS	338,262
TPHs	NA
TPCBs	ND
GRO	ND
DRO	ND

- WELL I.D.
 - DATE
 - TOTAL VOLATILE ORGANIC COMPOUNDS (ug/L)
 - TOTAL SEMI-VOLATILE ORGANIC COMPOUNDS (ug/L)
 - TOTAL METALS (ug/L)
 - TOTAL PETROLEUM HYDROCARBONS (ug/L)
 - TOTAL POLYCHLORINATED BIPHENYLS (ug/L)
 - TOTAL GASOLINE RANGE ORGANICS (ug/L)
 - TOTAL DIESEL RANGE ORGANICS (ug/L)
- ANALYTICAL RESULTS IN **BOLD** INDICATE AN EXCEEDANCE OF ONE OR MORE COMPOUNDS TO NYSDEC TOGS
 ND = NOT DETECTED
 NA = NOT ANALYZED
 ug/L = MICROGRAMS PER LITER



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GROUNDWATER ANALYTICAL DATA

CON EDISON
 FORMER GENERATING STATION
 500 KENT AVENUE, BROOKLYN, NEW YORK

DESIGNED BY	A. Miesak	1/24/07	CHECKED BY	A. Miesak	1/24/07
DRAWN BY	R. Tagoff	1/24/07	APPROVED BY	S. Ash	1/24/07
SCALE:	DRAWING NO.	PROJECT NO.	SHEET NO.	REVISION NO.	
AS SHOWN	121153-FIG7	121153	FIGURE 7	--	