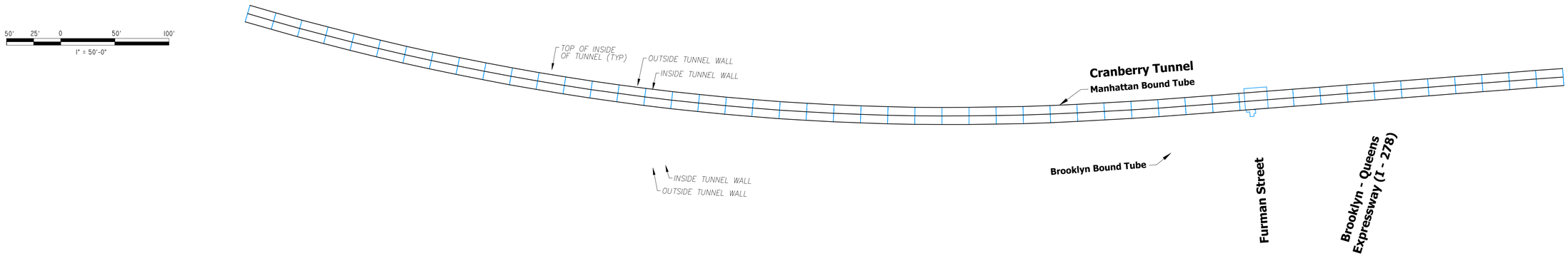
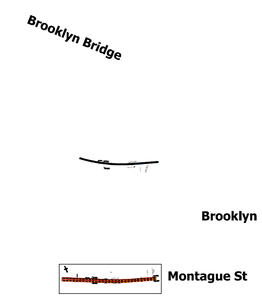


Tube Centerline Coordinates

POINT NUMBER	NORTHING	EASTING	ELEVATION
1000	193373.74	983519.56	-62.45
1001	193351.11	983564.15	-62.09
1002	193328.53	983608.76	-61.39
1003	193306.01	983653.40	-60.94
1004	193283.43	983698.02	-60.47
1005	193260.78	983742.59	-60.02
1006	193238.16	983787.18	-59.58
1007	193215.57	983831.79	-59.14
1008	193193.03	983876.42	-58.63
1009	193170.45	983921.03	-58.13
1010	193147.90	983965.66	-57.62
1011	193125.34	984010.28	-57.06
1012	193102.71	984054.86	-56.10
1013	193080.15	984099.48	-54.60
1014	193057.52	984144.07	-52.91
1015	193035.25	984188.87	-51.33
1016	193013.67	984234.01	-49.81
1017	192992.70	984279.44	-48.09
1018	192972.36	984325.16	-46.76
1019	192952.87	984371.24	-45.56
1020	192933.98	984417.57	-44.12
1021	192915.82	984464.19	-42.61
1022	192898.37	984511.09	-41.23
1023	192881.35	984558.10	-39.58
1024	192864.34	984605.12	-37.98
1025	192847.40	984652.16	-36.37
1026	192830.50	984699.22	-34.81
1027	192813.45	984746.22	-33.36
1028	192796.41	984793.23	-32.07
1029	192779.38	984840.24	-30.83
1030	193342.47	983503.75	-62.29
1031	193320.12	983548.48	-61.89
1032	193297.85	983593.24	-61.29
1033	193275.52	983637.98	-60.85
1034	193253.18	983682.71	-60.35
1035	193230.90	983727.47	-59.86
1036	193208.60	983772.23	-59.45
1037	193186.28	983816.97	-58.91
1038	193163.98	983861.72	-58.37
1039	193141.59	983906.43	-57.87
1040	193119.23	983951.15	-57.41
1041	193096.86	983995.87	-56.66
1042	193074.53	984040.61	-55.65
1043	193052.21	984085.35	-54.48
1044	193030.03	984130.16	-53.13
1045	193008.19	984175.62	-51.44
1046	192987.09	984221.50	-49.96
1047	192966.67	984267.67	-48.64
1048	192946.86	984314.09	-47.16
1049	192927.90	984360.86	-45.66
1050	192909.59	984407.87	-44.15
1051	192891.96	984455.13	-42.69
1052	192874.78	984502.55	-41.13
1053	192857.82	984549.59	-39.59
1054	192840.85	984596.62	-38.08
1055	192823.59	984643.55	-36.98
1056	192806.70	984690.61	-35.31
1057	192789.75	984737.65	-33.77
1058	192772.87	984784.71	-32.17
1059	192755.92	984831.75	-30.68



Survey Notes:

1. The coordinate system used for this survey is the North American Datum of 1983 (NAD 83), New York State Plane Coordinate System, Long Island Zone (3104).
2. Elevations shown hereon are in reference to the North American Vertical Datum of 1988 (NAVD88).
3. It is hereby certified that the conditions and information shown herein are from a current and accurate survey dated: May 31, 2008 for the Brooklyn bound tube (track B-1) and June 7, 2008 for the Manhattan bound tube (track B-2).
4. The survey control data is based on closed loop traverse down each tube from Brooklyn to Manhattan using Leica TPS1101 total stations.
5. Tunnel locations were surveyed using a Leica HDS6000 Phase-Based laser scanner.

NUMBER	BY	DATE	REVISION DESCRIPTION

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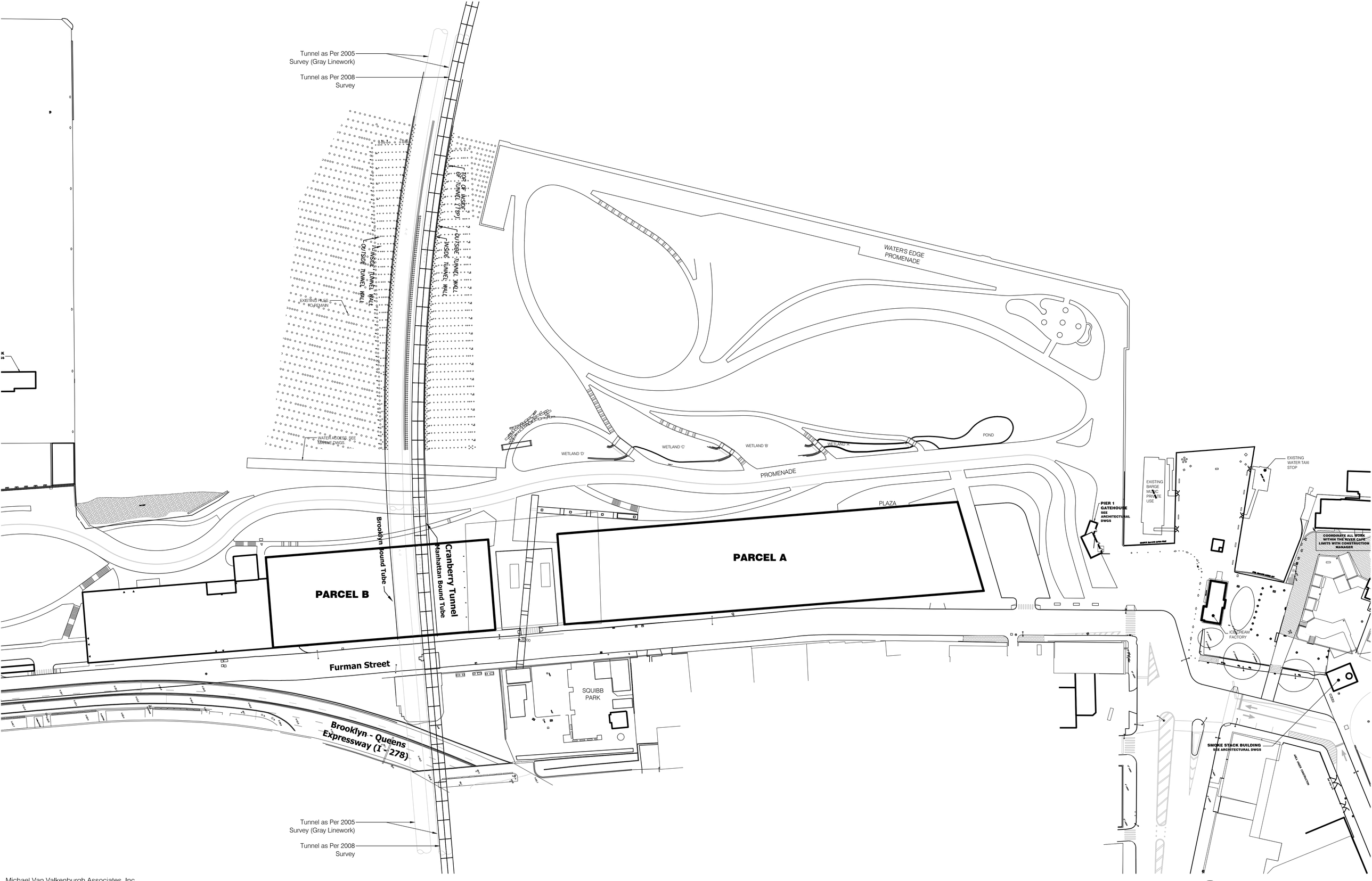
DRAWING TITLE:
Tunnel Survey - Cranberry Tunnel

PROJECT NAME AND LOCATION:
Brooklyn Bridge Park
SKANSKA

William A. Easterbrook, Jr, PLS
NYS PLS #0-491-57

DRAWN BY:	DRAWING DATE:	PROJECT NUMBER:
B. Takser	2/19/2008	208009
CHECKED BY: J. Larson	SCALE: 1" = 50'	CADD FILE NAME / LOCATION: X:\AUTOCAD STANDARD\NAIK TITLEBLOCKS\NAIK-24X36.DWG



Michael Van Valkenburgh Associates, Inc.
Brooklyn Bridge Park
A/C Tunnel at Pier 1
22 July 2011