

EXCAV. POINT NO.	EXISTING ELEV.	EXCAVATED ELEV.	DIFF. (CUT)
920	23.16	14.78	-8.38
921	23.34	15.71	-7.63
922	23.59	15.50	-8.09
923	23.88	15.98	-7.90
924	24.17	15.34	-8.83
925	23.96	14.97	-8.99
926	23.75	15.78	-7.97
1872	23.19	15.17	-8.02
1874	23.40	15.41	-7.99
1876	23.37	16.11	-7.26
1878	23.27	15.92	-7.35
1880	23.10	15.63	-7.47
1891	23.86	16.12	-7.74
1892	24.07	15.85	-8.22
1893	23.95	15.79	-8.16
1894	23.89	15.78	-8.13
3416	23.67	15.50	-8.17
3417	24.46	15.34	-9.12
3418	23.91	15.66	-8.25
3419	23.90	15.07	-8.83
3425	23.65	16.05	-7.60
3426	23.55	16.02	-7.53
3428	22.94	15.17	-7.77
3429	23.91	15.62	-8.29
3431	22.83	15.33	-7.50
3433	22.70	14.38	-8.32
3434	23.53	15.45	-8.08
3435	22.34	14.20	-8.14
3436	22.42	14.30	-8.12
3437	22.52	14.45	-8.07
3438	22.96	14.75	-8.21
3439	24.12	16.10	-8.02
3440	24.51	16.50	-8.01
3441	24.69	16.55	-8.04
3442	24.35	16.70	-7.65
3443	23.75	15.69	-8.06
3444	23.58	15.50	-8.08
3445	22.71	14.87	-7.84
3446	23.32	14.96	-8.36
3447	22.74	14.87	-7.87
3448	23.79	15.67	-8.12
3449	23.91	15.50	-8.01
3450	22.96	14.80	-8.16
3451	22.84	15.33	-7.51
3452	23.00	14.96	-8.04
3453	22.56	14.20	-8.36
3454	22.93	15.87	-7.06
3455	22.98	15.17	-7.81
3456	23.58	16.02	-7.56
3457	23.59	15.40	-8.19

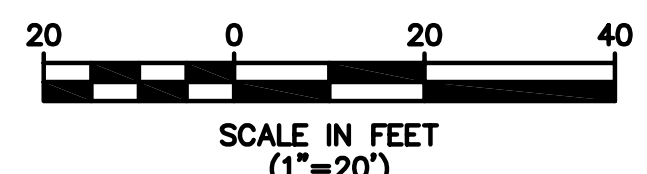
EXCAV. POINT NO.	EXISTING ELEV.	EXCAVATED ELEV.	DIFF. (CUT)
3560	23.73	16.06	-7.67
3561	23.68	15.46	-8.23
3562	24.23	15.36	-8.87
3563	23.73	14.93	-8.80
3564	23.72	14.88	-8.84
3565	24.22	15.48	-8.74
3566	24.12	15.17	-8.95
3567	24.04	14.89	-9.15
3568	24.16	14.83	-9.33
3569	24.15	15.68	-8.47
3570	23.78	15.59	-8.19
3571	23.72	14.82	-8.90
3572	23.84	15.45	-8.39
3573	24.04	15.46	-8.58
3574	24.38	15.97	-8.41
3575	23.66	15.30	-8.36
3576	22.98	15.87	-7.11
3577	23.63	14.62	-9.01
3578	22.96	15.82	-7.14
3579	22.98	15.44	-7.54
3580	23.12	15.83	-7.29
3581	22.96	15.82	-7.14
3582	23.35	15.44	-7.91
3583	23.12	15.83	-7.29
3584	22.99	15.34	-7.65
3585	23.00	14.90	-8.10
3586	23.28	14.97	-8.31
3587	23.44	15.81	-7.63
3588	23.41	15.39	-8.02
3589	22.90	15.07	-7.83
3590	22.84	14.79	-8.05
3591	23.99	15.16	-8.83
3592	23.74	15.23	-8.51
3593	23.90	15.11	-8.79
3594	23.88	16.14	-7.74
3595	23.52	16.07	-7.45
3596	23.74	16.23	-7.51
3597	23.81	17.04	-6.77
3598	23.70	15.96	-7.74
3599	23.98	15.46	-8.52
3600	23.57	15.63	-7.94

EXCAV. POINT NO.	EXISTING ELEV.	EXCAVATED ELEV.	DIFF. (CUT)
7528	23.19	15.25	-7.94
7529	22.81	15.56	-7.25
7530	23.12	15.19	-7.93
40102	24.57	15.15	-9.42
40103	24.41	15.10	-9.31
40104	24.00	14.93	-9.07
40105	23.91	15.09	-8.82
40106	22.93	15.33	-7.60
40107	23.60	15.53	-8.07
40108	23.24	14.73	-8.51
40109	23.34	14.92	-8.42

SHALLOW EXCAVATION AREA VOLUME = 28,568 CU.YDS.±  
 EXTENSION OF SHALLOW EXCAVATION AREA VOLUME = 4,878 CU.YDS.±  
 EXPANDED AREA OF THE EXTENSION OF SHALLOW EXCAVATION AREA VOLUME = 604 CU.YDS.±  
 AREA A HOT SPOT EXCAVATION VOLUME = 2,065 CU.YDS.±  
 AREA B HOT SPOT EXCAVATION VOLUME = 1,978 CU.YDS.±  
 AREA C HOT SPOT EXCAVATION VOLUME = 13,497 CU.YDS.±  
 SITE-WIDE SOIL CAP CUT AREA VOLUME = 5,647 CU.YDS.±  
 ISOLATED SHALLOW EXCAVATION AREA VOLUME = 50 CU.YDS.±  
 TOTAL EXCAVATION VOLUME = 57,317 CU.YDS.±  
 PERIMETER CAP CUT AREA VOLUME = 1,446 CU.YDS.±  
 (VOLUME NOT INCLUDED IN CALCULATIONS ABOVE)

- GENERAL NOTES**
- AS-BUILT TOPOGRAPHY OF EXCAVATION AREAS OBTAINED BY MASER CONSULTING P.A. ON THE FOLLOWING DATES: 4/24/08, 4/30/08, 6/04/08, 6/18/08, 6/25/08, 7/17/08, 7/21/08, 7/31/08, 8/04/08, 8/07/08, 8/27/08, 9/02/08, 9/08/08, 9/10/08 & 9/17/08.
  - OTHER CONDITIONS SHOW HEREON BASED ON A MAP ENTITLED, "MAP OF PROPERTY, SITUATED AT BAYSHORE, TOWN OF ISLIP, SUFFOLK COUNTY, NEW YORK, DATED AUGUST 8, 2007, AND PREPARED BY NELSON AND POPE.
  - HORIZONTAL DATUM NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1927, VERTICAL DATUM NGVD 1929
  - THESE AS-BUILT ELEVATIONS SHOWN WITHIN HOT SPOT EXCAVATION AREAS A, B AND C ARE INTERMEDIATE SHALLOW EXCAVATION ELEVATIONS.

- LEGEND**
- × 23.30 EXISTING SPOT GRADE
  - × 1874 AS-BUILT ELEVATION IN SHALLOW EXCAVATION AREA
  - × 1614 AS-BUILT ELEVATION IN EXTENSION OF SHALLOW EXCAVATION AREA
  - × 1614 AS-BUILT ELEVATION IN SITE-WIDE SOIL CAP CUT AREA
  - PRE-EXISTING GRADE CONTOUR
  - - - EXCAVATION GRADE CONTOUR
  - UTILITY POLE
  - UTILITY GUY
  - SMH SANITARY MANHOLE
  - SHALLOW EXCAVATION AREA
  - EXTENSION OF SHALLOW EXCAVATION AREA
  - SITE-WIDE SOIL CAP CUT AREA
  - HOT SPOT EXCAVATION AREA



REV.	DATE	DRAWN BY	DESCRIPTION
9.	4/16/09	RTH	GENERAL REVISIONS
8.	11/20/08	DJM	GENERAL REVISIONS
7.	10/28/08	RTH	GENERAL REVISIONS
6.	10/10/08	DJM	GENERAL REVISIONS
5.	9/18/08	DJM	ADDED EXCAVATION AREAS
4.	9/11/08	DJM	ADDED EXCAVATION AREAS
3.	9/08/08	DJM	ADDED EXCAVATION AREAS
2.	7/11/08	DJM	ADDED EXCAVATION AREAS
1.	7/01/08	RTH	ADDED EXCAVATION AREAS

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AS-BUILT EXCAVATION TOPOGRAPHIC SURVEY FOR ENTACT NATIONAL GRID US BAY SHORE FORMER MANUFACTURED GAS PLANT SITE PHASE II, OU-1 REMEDIAL ACTIONS SITUATE IN: TOWN OF ISLIP SUFFOLK COUNTY NEW YORK

JOB NUMBER: 08000278A  
 DATE: JUNE 10, 2008  
 SCALE: 1"=20'  
 LATEST REVISION: APRIL 16, 2009  
 SHEET NUMBER: 2 of 6

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