

## APPENDIX H: SHEET PILE ELEVATIONS

The following table contains the Sheet Pile Elevations presented as follows:

- Pile Identification Number;
- Sheet Pile Initial Length;
- Sheet Pile Cutoff Length;
- Sheet Pile Final Length;
- Top Elevation of Sheet Pile (as surveyed), and
- Bottom Elevation of Sheet Pile (as calculated).

Note that the elevations were based upon a temporary Benchmark established on site by others.

# SHEET PILE ELEVATIONS

Bay Shore, Long Island, New York  
Waterloo Barrier System

Pile ID	Sheet Pile Length			BM = 24.55 ft	
	Initial (ft)	Cutoff (ft)	Final (ft)	Top (ft)	Bottom (ft)
5	82.50	0.00	82.50	17.10	-65.40
6	82.50	0.00	82.50	17.10	-65.40
7	82.50	0.00	82.50	17.10	-65.40
8	82.00	0.00	82.00	17.10	-64.90
9	82.00	0.00	82.00	17.10	-64.90
10	80.00	0.00	80.00	17.10	-62.90
11	80.00	0.00	80.00	17.10	-62.90
12	80.00	0.00	80.00	17.10	-62.90
13	80.00	0.00	80.00	17.10	-62.90
14	80.00	0.58	79.42	17.42	-62.00
15	80.00	0.50	79.50	17.50	-62.00
16	80.00	0.50	79.50	17.50	-62.00
17	80.00	0.50	79.50	17.50	-62.00
18	80.00	1.92	78.08	19.18	-58.90
19	80.00	2.08	77.92	19.02	-58.90
20	80.00	2.08	77.92	18.42	-59.50
21	80.00	4.00	76.00	16.60	-59.40
22	80.00	4.00	76.00	16.70	-59.30
23	80.00	5.08	74.92	15.62	-59.30
24	80.00	5.17	74.83	15.53	-59.30
25	80.00	5.00	75.00	15.40	-59.60
26	80.00	5.50	74.50	14.90	-59.60
27	80.00	5.50	74.50	16.10	-58.40
28	80.00	5.33	74.67	16.27	-58.40
29	80.00	5.50	74.50	16.10	-58.40
30	80.00	4.50	75.50	19.40	-56.10
31	80.00	4.42	75.58	19.48	-56.10
32	80.00	4.17	75.83	19.73	-56.10
33	80.00	4.08	75.92	19.82	-56.10
34	80.00	4.08	75.92	19.82	-56.10
35	80.00	4.08	75.92	19.82	-56.10
36	80.00	4.00	76.00	19.90	-56.10
37	80.00	4.00	76.00	18.90	-57.10
38	80.00	3.67	76.33	19.23	-57.10
39	80.00	4.50	75.50	18.50	-57.00
40	80.00	5.00	75.00	17.60	-57.40
41	80.00	5.17	74.83	17.53	-57.30
42	80.00	5.42	74.58	17.58	-57.00
43	80.00	5.42	74.58	17.48	-57.10
44	80.00	5.33	74.67	17.47	-57.20
45	80.00	5.42	74.58	17.48	-57.10
46	80.00	5.42	74.58	17.48	-57.10
47	80.00	5.33	74.67	17.37	-57.30
48	80.00	5.25	74.75	17.35	-57.40

# SHEET PILE ELEVATIONS

Bay Shore, Long Island, New York  
Waterloo Barrier System

Pile ID	Sheet Pile Length			BM = 24.55 ft	
	Initial (ft)	Cutoff (ft)	Final (ft)	Top (ft)	Bottom (ft)
49	80.00	5.25	74.75	17.55	-57.20
50	80.00	5.25	74.75	17.45	-57.30
51	80.00	5.08	74.92	17.82	-57.10
52	80.00	5.08	74.92	17.82	-57.10
53	80.00	5.33	74.67	17.77	-56.90
54	80.00	5.33	74.67	17.67	-57.00
55	80.00	5.00	75.00	17.80	-57.20
56	80.00	5.00	75.00	17.70	-57.30
57	80.00	4.92	75.08	17.78	-57.30
58	80.00	4.92	75.08	17.68	-57.40
59	80.00	4.83	75.17	17.67	-57.50
60	80.00	4.83	75.17	17.67	-57.50
61	80.00	5.08	74.92	17.42	-57.50
62	80.00	4.58	75.42	17.92	-57.50
63	80.00	4.67	75.33	17.83	-57.50
64	80.00	4.83	75.17	17.67	-57.50
65	80.00	4.67	75.33	17.83	-57.50
66	80.00	4.92	75.08	17.58	-57.50
67	80.00	5.00	75.00	17.50	-57.50
68	80.00	5.00	75.00	17.50	-57.50
69	80.00	4.83	75.17	17.37	-57.80
70	80.00	3.75	76.25	17.15	-59.10
71	80.00	3.17	76.83	17.33	-59.50
72	80.00	3.17	76.83	17.63	-59.20
73	80.00	2.92	77.08	17.38	-59.70
74	80.00	2.92	77.08	17.28	-59.80
75	80.00	2.92	77.08	17.38	-59.70
76	80.00	3.83	76.17	16.57	-59.60
77	80.00	3.83	76.17	16.57	-59.60
78	80.00	3.83	76.17	16.67	-59.50
79	80.00	4.00	76.00	16.50	-59.50
80	80.00	3.92	76.08	16.58	-59.50
81	80.00	3.42	76.58	16.98	-59.60
82	80.00	4.25	75.75	16.05	-59.70
83	80.00	4.25	75.75	16.05	-59.70
84	80.00	4.25	75.75	16.35	-59.40
85	80.00	4.25	75.75	16.35	-59.40
86	80.00	4.25	75.75	16.45	-59.30
87	80.00	4.25	75.75	16.45	-59.30
88	80.00	4.33	75.67	16.57	-59.10
89	80.00	4.33	75.67	16.47	-59.20
90	80.00	4.33	75.67	16.57	-59.10
91	80.00	4.33	75.67	16.37	-59.30
92	80.00	4.33	75.67	16.27	-59.40

# SHEET PILE ELEVATIONS

Bay Shore, Long Island, New York  
Waterloo Barrier System

Pile ID	Sheet Pile Length			BM = 24.55 ft	
	Initial (ft)	Cutoff (ft)	Final (ft)	Top (ft)	Bottom (ft)
93	80.00	4.08	75.92	16.32	-59.60
94	80.00	4.00	76.00	16.40	-59.60
95	80.00	3.67	76.33	16.73	-59.60
96	80.00	3.67	76.33	16.63	-59.70
97	80.00	3.25	76.75	16.95	-59.80
98	80.00	3.25	76.75	16.85	-59.90
99	80.00	3.00	77.00	17.00	-60.00
100	80.00	3.00	77.00	17.20	-59.80
101	80.00	3.00	77.00	17.30	-59.70
102	80.00	3.08	76.92	17.92	-59.00
103	80.00	3.08	76.92	17.92	-59.00
104	80.00	6.00	74.00	17.00	-57.00
105	80.00	6.00	74.00	17.00	-57.00
106	80.00	5.83	74.17	16.97	-57.20
107	80.00	6.00	74.00	16.80	-57.20
108	80.00	6.00	74.00	16.80	-57.20
109	80.00	5.75	74.25	17.05	-57.20
110	80.00	6.25	73.75	16.55	-57.20
111	80.00	6.25	73.75	16.55	-57.20
112	80.00	6.25	73.75	16.55	-57.20
113	80.00	6.25	73.75	16.55	-57.20
114	80.00	6.25	73.75	16.55	-57.20
115	80.00	6.25	73.75	16.55	-57.20
116	80.00	6.25	73.75	16.55	-57.20
117	80.00	7.33	72.67	16.47	-56.20
118	80.00	7.50	72.50	16.30	-56.20
119	80.00	3.92	76.08	16.38	-59.70
120	80.00	4.08	75.92	16.22	-59.70
121	80.00	2.50	77.50	15.90	-61.60
122	80.00	2.75	77.25	15.65	-61.60
123	80.00	2.25	77.75	16.15	-61.60
124	80.00	2.33	77.67	16.07	-61.60
125	80.00	7.33	72.67	16.07	-56.60
126	80.00	7.33	72.67	17.67	-55.00
127	80.00	5.83	74.17	17.61	-56.56
128	80.00	5.83	74.17	17.42	-56.75
129	80.00	5.83	74.17	17.37	-56.80
130	80.00	5.83	74.17	17.36	-56.81
131	80.00	5.83	74.17	17.32	-56.85
132	80.00	5.83	74.17	17.45	-56.72
133	80.00	5.83	74.17	17.43	-56.74
134	75.00	0.00	75.00	18.32	-56.68
140	74.00	0.00	74.00	16.85	-57.15
141	75.00	1.00	74.00	16.93	-57.07

## SHEET PILE ELEVATIONS

Bay Shore, Long Island, New York  
Waterloo Barrier System

Pile ID	Sheet Pile Length			BM = 24.55 ft	
	Initial (ft)	Cutoff (ft)	Final (ft)	Top (ft)	Bottom (ft)
142	74.00	1.00	73.00	16.06	-56.94
143	74.00	0.00	74.00	17.87	-56.13
144	74.00	0.00	74.00	16.32	-57.68
145	74.00	0.00	74.00	16.49	-57.51
146	74.00	1.71	72.29	14.56	-57.73
147	74.00	0.00	74.00	16.26	-57.74
148	74.00	0.00	74.00	16.36	-57.64
149	74.00	0.00	74.00	16.47	-57.53
150	74.00	1.00	73.00	15.35	-57.65
151	74.00	0.79	73.21	16.36	-56.85
152	74.00	0.00	74.00	17.01	-56.99
153	74.00	0.00	74.00	16.97	-57.03
154	74.00	0.00	74.00	17.09	-56.91
155	74.00	0.00	74.00	17.24	-56.76
156	74.00	0.00	74.00	17.23	-56.77
157	74.00	0.00	74.00	17.28	-56.72
158	74.00	0.00	74.00	17.09	-56.91
159	74.00	0.00	74.00	17.29	-56.71
160	74.00	0.00	74.00	17.18	-56.82
161	74.00	0.00	74.00	17.31	-56.69
162	74.00	0.00	74.00	17.52	-56.48
163	74.00	0.00	74.00	17.57	-56.43
164	74.00	0.00	74.00	17.34	-56.66
165	74.00	0.00	74.00	17.23	-56.77
166	74.00	0.00	74.00	17.47	-56.53
167	74.00	0.00	74.00	17.53	-56.47
168	74.00	0.00	74.00	17.33	-56.67
169	74.00	0.00	74.00	17.32	-56.68
170	74.00	0.00	74.00	17.33	-56.67
171	74.00	0.00	74.00	17.57	-56.43
172	74.00	0.00	74.00	17.59	-56.41
173	74.00	0.00	74.00	17.53	-56.47
174	74.00	0.00	74.00	17.67	-56.33
175	74.00	1.00	73.00	16.27	-56.73
176	74.00	0.00	74.00	16.99	-57.01
177	74.00	1.17	72.83	16.81	-56.02
178	74.00	0.00	74.00	18.13	-55.87
179	74.00	0.00	74.00	18.18	-55.82
180	74.00	0.00	74.00	17.95	-56.05
181	74.00	0.00	74.00	17.95	-56.05
182	74.00	0.00	74.00	18.05	-55.95
183	74.00	0.00	74.00	17.94	-56.06
184	74.00	0.83	73.17	16.54	-56.63
185	74.00	0.00	74.00	17.02	-56.98

# SHEET PILE ELEVATIONS

Bay Shore, Long Island, New York  
Waterloo Barrier System

Pile ID	Sheet Pile Length			BM = 24.55 ft	
	Initial (ft)	Cutoff (ft)	Final (ft)	Top (ft)	Bottom (ft)
186	74.00	0.00	74.00	16.94	-57.06
187	75.00	0.00	75.00	17.03	-57.97
188	75.00	0.00	75.00	17.02	-57.98
189	75.00	0.00	75.00	17.05	-57.95
190	75.00	0.00	75.00	17.22	-57.78
191	75.00	0.00	75.00	17.07	-57.93
192	75.00	0.00	75.00	17.10	-57.90
193	75.00	0.00	75.00	17.36	-57.64
194	75.00	0.00	75.00	17.41	-57.59
195	75.00	0.00	75.00	17.54	-57.46
196	75.00	0.00	75.00	17.40	-57.60
197	75.00	0.00	75.00	17.62	-57.38
198	75.00	0.00	75.00	17.91	-57.09
199	75.00	0.00	75.00	17.97	-57.03
200	75.00	0.00	75.00	18.22	-56.78
201	75.00	0.00	75.00	18.28	-56.72
202	75.00	0.00	75.00	18.40	-56.60
203	75.00	0.00	75.00	18.49	-56.51
204	75.00	0.00	75.00	18.42	-56.58
205	75.00	0.00	75.00	18.69	-56.31
206	75.00	0.00	75.00	18.89	-56.11
207	75.00	0.00	75.00	19.47	-55.53
208	75.00	0.00	75.00	19.57	-55.43
209	75.00	0.00	75.00	19.62	-55.38
210	75.00	0.00	75.00	19.58	-55.42
211	75.00	0.00	75.00	19.70	-55.30
212	75.00	0.00	75.00	19.81	-55.19
213	75.00	0.00	75.00	20.00	-55.00
214	75.00	0.00	75.00	20.10	-54.90
215	75.00	0.00	75.00	20.12	-54.88
216	75.00	0.00	75.00	20.63	-54.37
217	75.00	0.00	75.00	20.77	-54.23
218	75.00	0.00	75.00	20.94	-54.06
219	75.00	0.00	75.00	20.88	-54.12
220	75.00	0.00	75.00	20.64	-54.36
221	75.00	0.00	75.00	20.69	-54.31
222	75.00	0.00	75.00	20.79	-54.21
223	75.00	0.42	74.58	20.36	-54.22
224	75.00	0.00	75.00	20.78	-54.22
225	74.00	0.00	74.00	21.01	-52.99
226	74.00	0.00	74.00	20.76	-53.24
227	74.00	0.00	74.00	21.02	-52.98
228	74.00	0.00	74.00	20.51	-53.49
229	74.00	0.00	74.00	20.35	-53.65

## SHEET PILE ELEVATIONS

Bay Shore, Long Island, New York  
Waterloo Barrier System

Pile ID	Sheet Pile Length			BM = 24.55 ft	
	Initial (ft)	Cutoff (ft)	Final (ft)	Top (ft)	Bottom (ft)
230	74.00	0.00	74.00	20.35	-53.65
231	74.00	0.00	74.00	20.36	-53.64
232	74.00	0.00	74.00	20.27	-53.73
233	74.00	0.00	74.00	20.26	-53.74
234	74.00	0.00	74.00	20.24	-53.76
235	74.00	0.00	74.00	20.27	-53.73
236	74.00	0.50	73.50	19.75	-53.75
237	74.00	0.00	74.00	20.15	-53.85
238	74.00	0.00	74.00	20.36	-53.64
239	74.00	0.00	74.00	20.70	-53.30
240	74.00	0.00	74.00	20.59	-53.41
241	74.00	0.00	74.00	20.51	-53.49
242	74.00	0.00	74.00	20.62	-53.38
243	74.00	0.00	74.00	20.41	-53.59
244	74.00	0.00	74.00	20.41	-53.59
245	74.00	0.00	74.00	20.04	-53.96
246	74.00	0.00	74.00	19.96	-54.04
247	74.00	0.00	74.00	20.33	-53.67
248	74.00	0.00	74.00	20.53	-53.47
249	74.00	0.00	74.00	21.35	-52.65
250	74.00	0.00	74.00	21.42	-52.58
251	74.00	0.00	74.00	21.27	-52.73
252	74.00	0.00	74.00	21.23	-52.77
253	74.00	0.00	74.00	21.03	-52.97
254	74.00	0.00	74.00	21.03	-52.97
255	74.00	0.00	74.00	20.70	-53.30
256	74.00	0.00	74.00	20.59	-53.41
257	74.00	0.00	74.00	20.54	-53.46
258	74.00	0.00	74.00	20.48	-53.52
259	74.00	0.00	74.00	20.62	-53.38
260	74.00	0.00	74.00	20.64	-53.36
261	74.00	0.00	74.00	20.59	-53.41
262	74.00	0.00	74.00	20.67	-53.33
263	74.00	0.00	74.00	20.69	-53.31
264	74.00	0.00	74.00	20.66	-53.34
265	74.00	0.00	74.00	20.39	-53.61
266	74.00	0.00	74.00	20.56	-53.44
267	74.00	0.00	74.00	20.50	-53.50
268	74.00	0.00	74.00	20.54	-53.46
269	74.00	0.00	74.00	20.46	-53.54
270	74.00	0.00	74.00	20.54	-53.46
271	74.00	0.00	74.00	20.71	-53.29
272	74.00	0.00	74.00	20.54	-53.46
273	74.00	0.00	74.00	20.61	-53.39

## SHEET PILE ELEVATIONS

Bay Shore, Long Island, New York  
Waterloo Barrier System

Pile ID	Sheet Pile Length			BM = 24.55 ft	
	Initial (ft)	Cutoff (ft)	Final (ft)	Top (ft)	Bottom (ft)
274	74.00	0.00	74.00	20.61	-53.39
275	74.00	0.00	74.00	20.51	-53.49
276	74.00	0.00	74.00	20.51	-53.49
277	74.00	0.00	74.00	20.41	-53.59
278	74.00	0.00	74.00	20.52	-53.48
279	74.00	0.00	74.00	20.57	-53.43
280	74.00	0.00	74.00	20.73	-53.27
281	74.00	0.00	74.00	20.83	-53.17
282	74.00	0.00	74.00	21.03	-52.97
283	74.00	0.00	74.00	20.89	-53.11
284	74.00	0.00	74.00	21.25	-52.75
285	74.00	0.00	74.00	21.01	-52.99
286	74.00	0.00	74.00	21.01	-52.99
287	74.00	0.00	74.00	20.97	-53.03
288	74.00	1.92	72.08	21.01	-51.07
289	74.00	2.25	71.75	21.07	-50.68
290	74.00	1.42	72.58	21.10	-51.48
291	74.00	1.58	72.42	21.18	-51.24
292	74.00	1.42	72.58	21.19	-51.39
293	74.00	1.50	72.50	21.11	-51.39
294	74.00	1.83	72.17	21.18	-50.99
295	74.00	2.08	71.92	21.15	-50.77
296	74.00	2.75	71.25	21.17	-50.08
297	74.00	1.25	72.75	21.19	-51.56
298	74.00	1.92	72.08	21.18	-50.90
299	74.00	1.33	72.67	21.14	-51.53
300	74.00	1.67	72.33	21.18	-51.15
301	74.00	6.08	67.92	21.14	-46.78