


 Pile Load Test Data Sheet - Compression Testing Pile Number: Test Pile 1 Pile size: Stelcore SC1600 5.5 inch									
Project: Proposed Mixed-Use Building					Proj. No.: 1905-99-004EC				
Location: 118 Orchard Street, Borough of Manhattan, New York					Client: EMC, Inc				
Inspector: P. Granitzki					Date: 1-May-18				
Time	Elapsed Time(min)	Load Increment (kips)	Gauge Reading (psi)	Dial Readings (In.)				Reference Wire (In.)	
				Dial 1	Dial 2	Dial 3	Average	Reading	Settlement
	Initial			0.000	0.000	0.000		4 1/2	0.000
	0	12	215	0.000	0.010	0.045	0.018	4 1/2	0.000
	0.5			0.000	0.010	0.045	0.018	4 1/2	0.000
	1			0.000	0.010	0.045	0.018	4 1/2	0.000
	2			0.000	0.010	0.045	0.018	4 1/2	0.000
	4			0.000	0.010	0.045	0.018	4 1/2	0.000
	0	24	445	0.000	0.062	0.081	0.048	4 1/2	0.000
	0.5			0.000	0.062	0.081	0.048	4 1/2	0.000
	1			0.000	0.062	0.081	0.048	4 1/2	0.000
	2			0.000	0.062	0.081	0.048	4 1/2	0.000
	4			0.000	0.062	0.081	0.048	4 1/2	0.000
	0	36	655	0.010	0.062	0.089	0.054	4 15/34	0.059
	0.5			0.010	0.062	0.089	0.054	4 15/34	0.059
	1			0.010	0.062	0.089	0.054	4 15/34	0.059
	2			0.010	0.062	0.089	0.054	4 15/34	0.059
	4			0.010	0.062	0.089	0.054	4 15/34	0.059
	0	48	863	0.010	0.079	0.095	0.061	4 7/16	0.063
	0.5			0.010	0.079	0.095	0.061	4 7/16	0.063
	1			0.010	0.079	0.095	0.061	4 7/16	0.063
	2			0.010	0.079	0.095	0.061	4 7/16	0.063
	4			0.010	0.079	0.095	0.061	4 7/16	0.063
	0	60	1067	0.020	0.094	0.107	0.074	4 13/32	0.094
	0.5			0.020	0.094	0.107	0.074	4 13/32	0.094
	1			0.020	0.094	0.107	0.074	4 13/32	0.094
	2			0.020	0.094	0.107	0.074	4 13/32	0.094
	4			0.020	0.094	0.107	0.074	4 13/32	0.094
	0	72	1270	0.031	0.113	0.131	0.092	4 3/8	0.125
	0.5			0.031	0.113	0.131	0.092	4 3/8	0.125
	1			0.031	0.113	0.131	0.092	4 3/8	0.125
	2			0.031	0.113	0.131	0.092	4 3/8	0.125
	4			0.031	0.113	0.131	0.092	4 3/8	0.125
	0	84	1462	0.043	0.125	0.137	0.102	4 3/8	0.125
	0.5			0.043	0.125	0.137	0.102	4 3/8	0.125
	1			0.043	0.125	0.137	0.102	4 3/8	0.125
	2			0.043	0.125	0.137	0.102	4 3/8	0.125
	4			0.043	0.125	0.137	0.102	4 3/8	0.125

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Inspector: P. Granitzki					Date: 1-May-18				
Time	Elapsed Time(min)	Load Increment (kips)	Gauge Reading (psi)	Dial Readings (In.)				Reference Wire (In.)	
				Dial 1	Dial 2	Dial 3	Average	Reading	Settlement
Loading	0	96	1650	0.052	0.134	0.144	0.110	4 11/32	0.156
	0.5			0.052	0.134	0.144	0.110	4 11/32	0.156
	1			0.052	0.134	0.144	0.110	4 11/32	0.156
	2			0.052	0.134	0.144	0.110	4 11/32	0.156
	4			0.052	0.134	0.144	0.110	4 11/32	0.156
	0	108	1837.5	0.081	0.156	0.166	0.134	4 11/32	0.156
	0.5			0.081	0.156	0.166	0.134	4 11/32	0.156
	1			0.081	0.156	0.166	0.134	4 11/32	0.156
	2			0.081	0.156	0.166	0.134	4 11/32	0.156
	4			0.081	0.156	0.166	0.134	4 11/32	0.156
	0	120	2025	0.114	0.184	0.192	0.163	4 5/16	0.188
	0.5			0.114	0.184	0.192	0.163	4 5/16	0.188
	1			0.114	0.184	0.192	0.163	4 5/16	0.188
	2			0.115	0.185	0.195	0.165	4 5/16	0.188
	4			0.115	0.185	0.195	0.165	4 5/16	0.188
	0	132	2240	0.162	0.209	0.216	0.196	4 9/32	0.219
	0.5			0.162	0.209	0.216	0.196	4 9/32	0.219
	1			0.162	0.209	0.216	0.196	4 9/32	0.219
	2			0.165	0.211	0.218	0.198	4 9/32	0.219
	4			0.165	0.211	0.218	0.198	4 9/32	0.219
	0	144	2450	0.180	0.245	0.246	0.224	4 1/4	0.250
	0.5			0.180	0.245	0.246	0.224	4 1/4	0.250
	1			0.180	0.245	0.246	0.224	4 1/4	0.250
	2			0.183	0.247	0.250	0.227	4 1/4	0.250
	4			0.184	0.247	0.251	0.227	4 1/4	0.250
	0	156	2661	0.201	0.264	0.261	0.242	4 7/32	0.281
	0.5			0.201	0.264	0.261	0.242	4 7/32	0.281
	1			0.201	0.264	0.261	0.242	4 7/32	0.281
	2			0.201	0.264	0.261	0.242	4 7/32	0.281
	4			0.206	0.261	0.268	0.245	4 7/32	0.281
0	168	2891	0.244	0.299	0.299	0.281	4 3/16	0.313	
0.5			0.244	0.299	0.299	0.281	4 3/16	0.313	
1			0.244	0.299	0.299	0.281	4 3/16	0.313	
2			0.245	0.301	0.302	0.283	4 3/16	0.313	
4			0.246	0.302	0.303	0.284	4 3/16	0.313	

 Pile Load Test Data Sheet - Compression Testing Pile Number: Test Pile 1 Pile size: Stelcore SC1600 5.5 inch									
Project: Proposed Mixed-Use Building					Proj. No.: 1905-99-004EC				
Location: 118 Orchard Street, Borough of Manhattan, New York					Client: EMC, Inc				
Inspector: P. Granitzki					Date: 1-May-18				
Time	Elapsed Time(min)	Load Increment (kips)	Guage Reading (psi)	Dial Readings (In.)				Reference Wire (In.)	
				Dial 1	Dial 2	Dial 3	Average	Reading	Settlement
	0	180	3091	0.274	0.324	0.324	0.307	4 1/8	0.375
	0.5			0.274	0.324	0.324	0.307	4 1/8	0.375
	1			0.274	0.324	0.324	0.307	4 1/8	0.375
	2			0.278	0.329	0.328	0.312	4 1/8	0.375
	4			0.278	0.329	0.328	0.312	4 1/8	0.375
	0	192	3291	0.322	0.370	0.365	0.352	4 1/8	0.375
	0.5			0.322	0.370	0.365	0.352	4 3/32	0.406
	1			0.322	0.370	0.365	0.352	4 3/32	0.406
	2			0.324	0.373	0.369	0.355	4 3/32	0.406
	4			0.324	0.373	0.370	0.356	4 3/32	0.406
	0	204	3385	0.347	0.391	0.386	0.375	4 3/32	0.406
	0.5			0.347	0.391	0.386	0.375	4 3/32	0.406
	1			0.347	0.391	0.386	0.375	4 3/32	0.406
	2			0.350	0.395	0.389	0.378	4 3/32	0.406
	4			0.352	0.395	0.390	0.379	4 3/32	0.406
	0	216	3462	0.374	0.406	0.400	0.393	4 1/16	0.438
	0.5			0.374	0.406	0.400	0.393	4 1/16	0.438
	1			0.374	0.406	0.400	0.393	4 1/16	0.438
	2			0.378	0.410	0.404	0.397	4 1/16	0.438
	4			0.378	0.410	0.405	0.398	4 1/16	0.438
	0	228	3559	0.385	0.424	0.417	0.409	4 1/32	0.469
	0.5			0.385	0.424	0.417	0.409	4 1/32	0.469
	1			0.385	0.424	0.417	0.409	4 1/32	0.469
	2			0.388	0.426	0.419	0.411	4 1/32	0.469
	4			0.389	0.427	0.420	0.412	4 1/32	0.469
	0	240	4025	0.460	0.480	0.464	0.468	4	0.500
	0.5			0.460	0.480	0.464	0.468	4	0.500
	1			0.460	0.480	0.464	0.468	4	0.500
	2			0.464	0.495	0.481	0.480	3 31/32	0.531
	4			0.468	0.498	0.483	0.483	3 31/32	0.531
	10			0.470	0.510	0.485	0.488	3 31/32	0.531
	15			0.470	0.510	0.486	0.489	3 31/32	0.531

 Pile Load Test Data Sheet - Compression Testing Pile Number: Test Pile 1 Pile size: Stelcore SC1600 5.5 inch									
Project: Proposed Mixed-Use Building					Proj. No.: 1905-99-004EC				
Location: 118 Orchard Street, Borough of Manhattan, New York					Client: EMC, Inc				
Inspector: P. Granitzki					Date: 1-May-18				
Time	Elapsed Time(min)	Load Increment (kips)	Gauge Reading (psi)	Dial Readings (In.)				Reference Wire (In.)	
				Dial 1	Dial 2	Dial 3	Average	Reading	Settlement
Unloading	0	192	3958	0.470	0.510	0.486	0.489	3 31/32	0.531
	5			0.470	0.510	0.487	0.489	3 31/32	0.531
	0	144	2450	0.332	0.480	0.470	0.427	4	0.500
	5			0.332	0.470	0.470	0.424	4	0.500
	0	96	1650	0.301	0.450	0.443	0.398	4 1/34	0.471
	5			0.301	0.449	0.442	0.397	4 1/34	0.471
	0	48	863	0.295	0.395	0.415	0.368	4 3/32	0.406
	5			0.295	0.395	0.415	0.368		
0	0	0	0	0.130	0.120	0.100	0.117	4 9/32	0.219

Average Settlement - Ultimate Load Load (240 Kips) 0.510 Inches
Average Settlement - Working Load (120 Kips) 0.176 Inches
Average Rebound 0.168 Inches



Pile Load Test Data Sheet - Tension Testing

Pile Number: Test Pile #1

Pile size: Stelcore SC1600 5.5 inch


Project: Proposed Mixed-Use Building **Proj. No.:** 1905-99-004EC

Location: 118 Orchard Street, Borough of Manhattan, New York **Client:** EMC, Inc

Inspector: P. Granitzki **Date:** 2-May-18

Time	Elapsed Time(min)	Load Increment (kips)	Guage Reading (psi)	Dial Readings (In.)			Comments
				Dial 1	Dial 2	Average	
	Initial			0	0	0.000	
	0	12	625	0.549	0.499	0.524	Pile Cap movement noted/Initial Pile Cap seating . Neglect Movement/Consider zero value/initial reading.
	0.5			0.549	0.499	0.524	
	1			0.549	0.499	0.524	
	2			0.549	0.499	0.524	
	4			0.549	0.499	0.524	
	0	24	1243	0.595	0.531	0.039	
	0.5			0.595	0.531	0.039	
	1			0.595	0.531	0.039	
	2			0.595	0.531	0.039	
	4			0.595	0.531	0.039	
	0	36	1814	0.63	0.558	0.070	
	0.5			0.63	0.558	0.070	
	1			0.63	0.558	0.070	
	2			0.63	0.558	0.070	
	4			0.63	0.558	0.070	
	0	48	2310	0.65	0.585	0.093	
	0.5			0.65	0.585	0.093	
	1			0.65	0.585	0.093	
	2			0.65	0.585	0.093	
	4			0.65	0.585	0.093	
	0	60	2975	0.69	0.615	0.129	
	0.5			0.69	0.615	0.129	
	1			0.69	0.615	0.129	
	2			0.69	0.615	0.129	
	4			0.69	0.615	0.129	
	0	72	3651	0.731	0.656	0.170	
	0.5			0.731	0.656	0.170	
	1			0.731	0.656	0.170	
	2			0.731	0.656	0.170	
	4			0.731	0.656	0.170	
	0	84	4150	0.764	0.689	0.203	
	0.5			0.764	0.689	0.203	
	1			0.764	0.689	0.203	
	2			0.764	0.689	0.203	
	4			0.764	0.689	0.203	
	0	96	4721	0.802	0.731	0.243	
	0.5			0.802	0.731	0.243	
	1			0.802	0.731	0.243	
	2			0.802	0.731	0.243	
	4			0.802	0.731	0.243	

Loading

 Pile Load Test Data Sheet - Tension Testing Pile Number: Test Pile #1 Pile size: Stelcore SC1600 5.5 inch							
Project: Proposed Mixed-Use Building		Proj. No.:		1905-99-004EC			
Location: 118 Orchard Street, Borough of Manhattan, New York			Client:		EMC, Inc		
Inspector: P. Granitzki			Date:		2-May-18		
Time	Elapsed Time(min)	Load Increment (kips)	Guage Reading (psi)	Dial Readings (In.)			Comments
				Dial 1	Dial 2	Average	
	0	108	5300	0.828	0.755	0.268	
	0.5			0.828	0.755	0.268	
	1			0.828	0.755	0.268	
	2			0.828	0.755	0.268	
	4			0.828	0.755	0.268	
	0			120	5900	0.845	
0.5	0.845	0.791	0.294				
1	0.845	0.791	0.294				
2	0.845	0.791	0.294				
4	0.845	0.791	0.294				
10	0.855	0.792	0.300				
15	0.855	0.792	0.300				
Unloading	0	96	4721	0.855	0.785	0.296	
	5			0.855	0.785	0.296	
	0	72	863	0.845	0.775	0.286	
	5			0.845	0.775	0.286	
	0	48	2310	0.821	0.755	0.264	
	5			0.821	0.755	0.264	
	0	24	1243	0.792	0.732	0.238	
	5			0.792	0.732	0.238	
	0	12	625	0.765	0.711	0.214	
	5			0.765	0.711	0.214	
Average Movement - Ultimate Load Load (120 Kips)				0.300	Inches		
Average Movement - Working Load (60 Kips)				0.129	Inches		
Average Rebound				0.086	Inches		