Opdrachtgever: [redacted]
Projectnummer: BR155196
Project: Amsterdam, Monitoring kademuur Herengracht 1 t/m 103
Onderdeel: XYZ deformatiemeting

[redacted]

nr		Nulmeting (0) 13-9-2016	HH meting 4 (4) 23-11-2017	verschil (4-0) in mm	verschil (4-3) in mm	HH meting 5 (5) 16-3-2018	verschil (5-0) in mm	verschil (5-4) in mm	HH meting 6 (6) 31-7-2018	verschil (6-0) in mm	verschil (6-5) in mm	HH meting 7 (7) 9-10-2018	verschil (7-0) in mm	verschil (7-6) in mm
101	X	98,892	98,893	1	0	98,892	0	-1	98,889	-3	-3	98,891	-1	2
	Y	103,121	103,122	1	1	103,124	3	2	103,120	-1	-4	103,122	1	2
	Z	1,727	1,726	-1	-1	1,722	-5	-4	1,726	-1	4	1,726	-1	0
102	X	100,000	100,003	3	0	100,002	2	-1	99,999	-1	-4	100,001	2	3
	Y	100,000	100,002	2	1	100,005	5	2	100,000	0	-5	100,002	2	3
	Z	1,517	1,516	0	0	1,512	-5	-5	1,516	-1	4	1,516	-1	0
103	X	109,362	109,363	0	-1	109,361	-1	-1	109,359	-3	-2	109,362	0	3
	Y	99,584	99,586	2	2	99,587	3	1	99,583	-1	-4	99,585	1	2
	Z	1,151	1,151	0	-1	1,146	-5	-5	1,150	-1	4	1,154	3	4
104	X	118,969	118,970	1	1	118,970	1	0	118,965	-5	-5	118,966	-3	2
	Y	99,136	99,128	-8	-2	99,126	-10	-2	99,123	-13	-4	99,118	-18	-5
	Z	0,809	0,809	0	-1	0,803	-6	-6	0,808	-1	5	0,808	-2	0
105	X	128,345	128,346	0	3	128,350	5	5	128,341	-5	-10	128,343	-2	2
	Y	99,165	99,152	-14	2	99,154	-11	2	99,141	-24	-13	99,137	-29	-4
	Z	0,537	0,531	-6	-1	0,524	-13	-6	0,526	-11	1	0,526	-11	0
106	X	138,953	138,955	2	4	138,955	2	0	138,951	-2	-4	138,954	1	3
	Y	99,180	99,166	-14	1	99,166	-14	0	99,151	-29	-15	99,150	-31	-1
	Z	0,430	0,423	-7	-1	0,418	-12	-5	0,417	-13	-1	0,415	-14	-2
107	X	149,030	149,032	2	3	149,031	1	-1	149,028	-2	-3	149,029	-1	1
	Y	99,211	99,201	-10	5	99,201	-10	0	99,188	-23	-13	99,181	-31	-7
	Z	0,452	0,450	-2	0	0,446	-6	-4	0,445	-6	0	0,444	-8	-1
108	X	158,765	158,767	2	2	158,768	3	1	158,763	-2	-5	158,765	-1	2
	Y	99,211	99,203	-7	1	99,203	-8	0	99,190	-21	-13	99,188	-23	-2
	Z	0,402	0,395	-7	-1	0,390	-12	-5	0,387	-15	-3	0,387	-15	-1
109	X	168,280	168,282	2	2	n.t.m.			168,278	-2		168,279	-1	1
	Y	99,171	99,155	-16	1				99,138	-33		99,133	-38	-5
	Z	0,419	0,416	-3	-1				0,409	-10		0,410	-9	1
110	X	179,107	179,109	2	-1	179,111	3	1	179,105	-2	-6	179,107	0	2
	Y	99,191	99,192	1	3	99,193	2	1	99,183	-8	-10	99,180	-11	-3
	Z	0,468	0,468	0	0	0,463	-5	-5	0,464	-4	1	0,467	-1	3
111	X	188,944	188,943	-1	1	188,943	-1	0	188,940	-4	-2	188,941	-4	0
	Y	99,283	99,282	-1	5	99,280	-3	-2	99,272	-10	-8	99,269	-14	-4
	Z	0,443	0,443	-1	0	0,438	-5	-4	0,440	-4	1	0,439	-4	0

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112	X	198,375	198,375	-1	0	198,375	-1	0	198,374	-2	-1	198,373	-2	0
	Y	99,337	99,338	2	4	99,337	1	-1	99,331	-6	-7	99,327	-10	-4
	Z	0,439	0,441	2	-1	0,439	0	-2	0,438	-2	-1	0,438	-1	1
113	X	208,746	208,745	0	-1	208,746	0	1	208,745	-1	-1	208,745	-1	-1
	Y	99,302	99,304	2	5	99,302	-1	-2	99,297	-6	-5	99,294	-8	-2
	Z	0,461	0,460	-1	1	0,456	-4	-3	0,455	-6	-1	0,459	-2	4
114	X	218,885	218,883	-2	1	218,884	-1	1	218,884	-1	0	218,883	-2	-1
	Y	99,289	99,294	6	4	99,293	5	-1	99,285	-3	-8	99,285	-4	0
	Z	0,423	0,422	-1	0	0,418	-5	-4	0,419	-4	1	0,419	-4	0
115	X	228,648	228,649	1	1	228,649	1	0	228,649	1	0	228,649	1	-1
	Y	99,282	99,286	4	3	99,284	2	-2	99,274	-8	-10	99,274	-8	0
	Z	0,458	0,459	1	-1	0,456	-2	-3	0,454	-3	-2	0,455	-3	1
116	X	238,892	238,891	-1	3	238,891	-1	0	238,892	0	1	238,890	-2	-2
	Y	99,295	99,303	8	1	99,301	6	-2	99,293	-2	-8	99,293	-2	-1
	Z	0,493	0,492	-1	0	0,489	-4	-3	0,488	-5	-1	0,490	-4	1
117	X	248,326	248,328	3	-1	248,328	2	0	248,326	1	-2	248,325	-1	-1
	Y	99,281	99,282	0	3	99,282	1	1	99,272	-10	-11	99,269	-13	-3
	Z	0,498	0,500	2	4	0,500	2	0	0,499	1	-1	0,499	1	0
118	X	258,189	258,191	2	2	258,189	0	-2	258,189	0	0	258,189	0	0
	Y	99,235	99,239	4	5	99,239	4	0	99,233	-2	-6	99,232	-3	-1
	Z	0,506	0,506	-1	2	0,505	-1	-1	0,505	-1	0	0,504	-2	-1
119	X	268,317	268,319	2	1	268,313	-4	-6	268,317	0	4	268,317	0	0
	Y	99,231	99,235	4	4	99,230	-1	-5	99,229	-3	-1	99,229	-2	0
	Z	0,491	0,492	1	2	0,491	0	-1	0,489	-2	-2	0,490	-1	1
120	X	278,459	278,461	2	4	278,456	-3	-5	278,458	-1	2	278,460	1	2
	Y	99,241	99,242	1	2	99,241	-1	-1	99,235	-7	-6	99,235	-6	1
	Z	0,503	0,503	0	3	0,502	-1	-1	0,502	-1	0	0,501	-2	-1
121	X	287,369	287,369	0	4	287,366	-3	-3	287,368	-1	1	287,369	0	2
	Y	99,198	99,198	0	5	99,195	-3	-2	99,190	-8	-5	99,188	-10	-2
	Z	0,480	0,479	-1	1	0,478	-3	-2	0,478	-3	0	0,477	-4	-1
122	X	298,217	298,216	-1	4	298,217	0	1	298,217	0	0	298,218	1	0
	Y	99,104	99,100	-4	5	99,101	-3	1	99,093	-11	-7	99,092	-13	-2
	Z	0,438	0,435	-3	1	0,432	-6	-3	0,433	-5	1	0,431	-8	-3

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123	X	308,227	308,225	-1	4	308,226	-1	1	308,227	0	0	308,226	0	0
	Y	99,096	99,094	-2	5	99,096	0	2	99,086	-10	-10	99,089	-7	3
	Z	0,478	0,475	-3	1	0,472	-7	-3	0,471	-8	-1	0,469	-10	-2
124	X	318,616	318,616	-1	4	318,617	0	1	318,616	0	-1	318,615	-1	-1
	Y	99,193	99,191	-1	5	99,193	0	1	99,185	-8	-8	99,185	-8	0
	Z	0,514	0,514	0	2	0,511	-2	-2	0,513	-1	2	0,511	-2	-2
125	X	327,821	327,821	-1	4	327,822	0	1	327,821	-1	-1	327,822	1	1
	Y	99,189	99,191	2	4	99,191	2	1	99,184	-5	-7	99,187	-2	3
	Z	0,526	0,526	0	2	0,524	-2	-2	0,525	-1	1	0,524	-3	-1
126	X	338,256	338,256	0	5	338,256	0	0	338,256	0	1	338,257	1	0
	Y	99,116	99,115	-1	2	99,116	-1	1	99,109	-7	-7	99,110	-6	1
	Z	0,528	0,528	-1	2	0,526	-2	-2	0,527	-1	1	0,525	-3	-2
127	X	348,849	348,848	0	4	348,849	0	0	348,849	1	1	348,849	1	0
	Y	99,061	99,060	-1	2	99,060	-1	0	99,055	-5	-4	99,056	-5	1
	Z	0,531	0,531	-1	2	0,528	-3	-2	0,530	-1	2	0,528	-3	-2
128	X	357,689	357,689	-1	4	357,690	0	1	357,690	0	0	357,690	0	0
	Y	99,036	99,035	-1	1	99,038	2	3	99,028	-8	-10	99,029	-7	1
	Z	0,522	0,522	0	2	0,520	-2	-2	0,518	-4	-2	0,518	-4	0
129	X	368,546	368,545	-1	4	368,546	0	1	368,546	0	0	368,547	1	1
	Y	99,162	99,161	-1	-1	99,161	-1	0	99,153	-10	-8	99,154	-8	1
	Z	0,689	0,686	-3	2	0,685	-4	-2	0,684	-5	-1	0,681	-8	-3
130	X	377,834	377,833	-1	3	377,834	0	1	377,834	0	0	377,835	0	1
	Y	99,548	99,548	0	-2	99,548	0	0	99,541	-6	-7	99,542	-6	1
	Z	1,213	1,211	-2	2	1,209	-3	-2	1,210	-3	1	1,207	-6	-3
131	X	387,899	387,896	-2	2	387,897	-1	1	387,899	0	1	387,898	0	0
	Y	100,000	100,004	4	-2	100,004	4	0	99,998	-2	-6	100,000	0	2
	Z	2,075	2,077	2	2	2,076	1	-1	2,076	1	0	2,075	0	-1
201	X	388,384	388,384	1	1	388,387	3	2	388,384	0	-3	388,385	2	1
	Y	100,061	100,066	5	-1	100,066	6	0	100,061	0	-5	100,064	3	3
	Z	2,105	2,107	2	2	2,106	1	-1	2,106	1	0	2,106	0	-1
202	X	392,927	392,926	-1	2	392,927	0	0	392,925	-2	-1	392,926	-1	1
	Y	100,281	100,285	4	-1	100,285	4	0	100,282	1	-3	100,284	3	2
	Z	2,327	2,325	-2	1	2,323	-4	-2	2,327	1	5	2,324	-3	-4
203	X	399,308	399,308	0	2	399,309	1	1	399,309	1	0	399,309	0	0
	Y	100,361	100,365	4	-3	100,366	4	1	100,363	2	-2	100,364	2	1
	Z	2,340	2,343	3	2	2,343	3	0	2,345	5	2	2,342	2	-3

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204	X	391,599	391,604	5	1	391,605	6	0	391,602	3	-3	391,604	5	1
	Y	112,156	112,157	1	-2	112,157	1	0	112,156	1	-1	112,155	-1	-1
	Z	2,087	2,085	-2	0	2,085	-2	-1	2,088	1	3	2,087	1	0
205	X	393,617	393,623	6	4	393,620	4	-2	393,618	2	-2	393,619	2	1
	Y	109,866	109,869	3	-1	109,869	3	0	109,868	1	-1	109,868	1	0
	Z	2,347	2,347	1	3	2,343	-4	-4	2,348	1	4	2,345	-2	-2
206	X	393,829	393,832	3	1	393,832	3	0	393,831	2	-1	393,832	2	0
	Y	109,819	109,822	3	-2	109,822	3	0	109,820	1	-2	109,820	2	0
	Z	2,352	2,351	-1	1	2,348	-4	-3	2,353	1	5	2,350	-2	-2
207	X	399,910	399,912	2	1	399,912	2	0	399,912	2	0	399,913	2	0
	Y	109,866	109,867	2	-3	109,868	2	0	109,868	2	1	109,867	1	-1
	Z	2,362	2,362	-1	1	2,359	-4	-3	2,363	1	5	2,361	-2	-3
208	X	400,116	400,119	3	1	400,118	2	-1	400,118	3	0	400,118	2	0
	Y	109,939	109,940	1	-3	109,940	1	0	109,940	1	0	109,939	0	-1
	Z	2,347	2,346	-1	1	2,343	-4	-3	2,347	1	4	2,346	-1	-2
209	X	402,171	402,171	0	0	402,173	2	1	402,172	1	0	402,172	1	0
	Y	112,184	112,186	2	-2	112,186	1	-1	112,186	1	0	112,186	1	0
	Z	1,982	1,982	-1	-5	1,980	-3	-2	1,983	1	4	1,981	-1	-2
301	X	399,456	399,459	3	3	399,461	5	2	399,456	0	-5	399,459	3	3
	Y	100,199	100,201	2	-3	100,201	2	0	100,199	0	-1	100,200	1	1
	Z	2,335	2,338	3	2	2,336	1	-1	2,337	2	1	2,336	1	-1
302	X	400,824	400,827	3	2	400,829	5	2	400,825	2	-4	400,827	3	1
	Y	96,487	96,487	0	-2	96,488	1	1	96,485	-2	-3	96,488	1	3
	Z	2,429	2,429	1	2	2,428	0	-1	2,430	1	1	2,429	1	-1
303	X	400,977	400,980	3	4	400,979	2	0	400,977	0	-3	400,978	1	2
	Y	95,891	95,892	2	-4	95,893	3	1	95,890	0	-3	95,894	4	4
	Z	2,452	2,452	0	0	2,453	0	1	2,454	2	1	2,453	0	-1
304	X	400,744	400,746	2	2	400,746	3	1	400,744	1	-2	400,746	3	2
	Y	91,090	91,091	1	-3	91,091	2	1	91,088	-1	-3	91,091	1	2
	Z	2,795	2,795	0	2	2,793	-2	-2	2,796	2	3	2,795	0	-1
305	X	400,438	400,440	2	2	400,442	4	2	400,439	1	-3	400,441	3	2
	Y	83,957	83,961	4	-2	83,961	4	1	83,956	-1	-5	83,961	4	5
	Z	2,787	2,787	1	2	2,787	0	-1	2,789	2	2	2,787	0	-2
306	X	400,222	400,223	0	2	400,224	2	2	n.t.m.			400,223	1	
	Y	79,106	79,111	5	-2	79,112	5	1				79,110	4	
	Z	2,444	2,444	0	2	2,443	-1	-1				2,444	-1	

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307	X	400,177	400,179	2	2	400,181	4	2	400,179	1	-3	400,180	3	2
	Y	78,911	78,916	5	-2	78,917	6	1	78,911	0	-6	78,916	5	5
	Z	2,431	2,432	1	2	2,429	-2	-3	2,433	2	4	2,432	1	-1
308	X	398,963	398,964	2	1	398,966	3	2	398,963	0	-3	398,965	3	2
	Y	75,872	75,876	4	0	75,875	3	0	75,869	-3	-6	75,874	2	5
	Z	2,138	2,135	-2	0	2,137	-1	1	2,138	1	2	2,137	-1	-2
309	X	399,109	399,112	3	1	399,113	4	1	399,110	1	-3	399,112	3	2
	Y	75,960	75,964	4	1	75,963	4	-1	75,957	-3	-6	75,962	2	5
	Z	2,143	2,141	-2	0	2,141	-2	0	2,144	1	3	2,143	-1	-1
310	X	397,029	397,031	2	2	397,031	2	1	397,029	0	-2	397,031	1	2
	Y	75,886	75,892	6	0	75,892	6	0	75,886	0	-6	75,891	5	5
	Z	2,019	2,017	-2	0	2,016	-3	-1	2,019	0	3	2,019	0	0
311	X	414,067	414,071	4	1	414,071	4	1	414,071	4	0	414,071	4	0
	Y	99,431	99,423	-8	-1	99,420	-11	-3	99,421	-11	1	99,421	-10	1
	Z	2,086	2,086	0	1	2,084	-2	-2	2,088	2	5	2,086	0	-2
312	X	411,467	411,469	2	1	411,469	2	0	411,468	2	-1	411,468	2	0
	Y	99,482	99,479	-3	-2	99,478	-4	-1	99,478	-4	0	99,479	-3	1
	Z	2,237	2,235	-2	0	2,233	-4	-2	2,238	1	5	2,236	0	-2
313	X	410,895	410,896	1	1	410,896	2	0	410,896	1	-1	410,896	1	0
	Y	99,213	99,214	1	-2	99,213	0	-1	99,214	1	1	99,214	1	0
	Z	2,270	2,267	-2	0	2,266	-4	-2	2,271	1	5	2,269	-1	-2
314	X	409,900	409,902	2	1	409,902	2	0	409,902	1	0	409,901	1	0
	Y	96,318	96,318	0	-2	96,318	0	0	96,318	0	-1	96,318	0	1
	Z	2,438	2,437	-1	1	2,434	-4	-3	2,439	1	5	2,436	-2	-3
315	X	409,857	409,858	1	0	409,858	1	1	409,858	1	-1	409,857	0	0
	Y	96,148	96,149	1	-2	96,149	1	0	96,148	0	-1	96,149	1	1
	Z	2,445	2,444	-1	1	2,441	-4	-3	2,446	1	5	2,443	-2	-3
316	X	409,654	409,654	0	1	409,655	1	1	409,655	0	0	409,655	1	0
	Y	91,145	91,146	1	-3	91,147	1	0	91,144	-1	-2	91,147	2	3
	Z	2,799	2,798	-1	1	2,796	-4	-3	2,800	1	5	2,798	-1	-2
317	X	409,361	409,361	0	2	409,360	-1	0	409,361	0	0	409,362	0	1
	Y	84,006	84,008	2	-3	84,008	2	1	84,005	-1	-3	84,008	2	3
	Z	2,778	2,777	-1	2	2,774	-4	-3	2,779	1	5	2,777	-1	-2
318	X	409,369	409,369	0	1	409,369	0	0	409,370	1	1	409,370	1	0
	Y	79,233	79,236	3	-3	79,236	3	1	79,232	-2	-5	79,236	3	5
	Z	2,447	2,446	-1	2	2,444	-3	-2	2,449	1	5	2,446	-1	-2

Opdrachtgever: [redacted]
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nr		Nulmeting (0) 13-9-2016	HH meting 4 (4) 23-11-2017	verschil (4-0) in mm	verschil (4-3) in mm	HH meting 5 (5) 16-3-2018	verschil (5-0) in mm	verschil (5-4) in mm	HH meting 6 (6) 31-7-2018	verschil (6-0) in mm	verschil (6-5) in mm	HH meting 7 (7) 9-10-2018	verschil (7-0) in mm	verschil (7-6) in mm
319	X	409,412	409,412	0	1	409,412	0	0	409,413	1	1	409,413	1	0
	Y	79,035	79,037	2	-3	79,038	4	1	79,033	-1	-5	79,038	4	5
	Z	2,435	2,434	-1	2	2,431	-3	-3	2,436	1	5	2,433	-2	-3
320	X	410,306	410,304	-2	0	410,305	-2	0	410,307	1	3	n.t.m.		
	Y	75,910	75,913	3	-3	75,914	4	2	75,908	-2	-6			
	Z	2,129	2,129	0	2	2,127	-3	-3	2,129	0	3			
321	X	410,780	410,778	-2	1	410,779	-1	1	n.t.m.			n.t.m.		
	Y	75,827	75,830	3	-2	75,831	4	1						
	Z	2,090	2,090	0	2	2,088	-2	-2						
322	X	412,635	412,634	-1	1	412,638	3	4	412,632	-3	-6	n.t.m.		
	Y	75,538	75,540	2	-4	75,539	1	-1	75,535	-3	-4			
	Z	1,941	1,942	1	2	1,940	-2	-2	1,946	4	6			

Opmerkingen herhalingsmetingen

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[redacted]

meetopzet

