



Precise level and crack monitoring report for 

Claim ref. 13/29817

ISSUE NO: 6 (sixth reading) DATE: 27/08/14

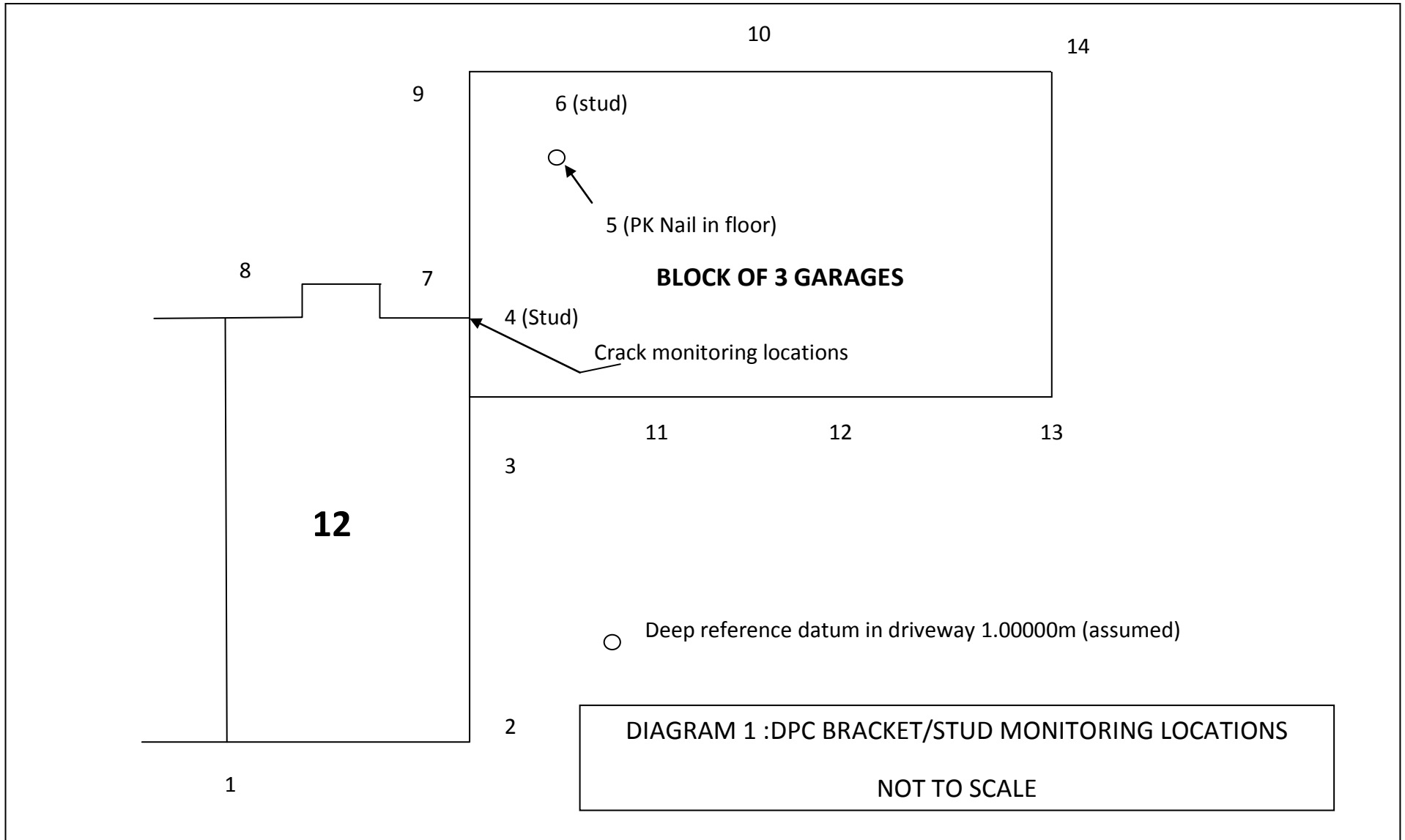
Recorded by V.Snook BSc CEng MICE

1. Level monitoring of 11 DPC brackets projecting beyond cladding around the exterior of the property plus 3 internal points (brass studs/PK nail). Readings were obtained using Leica DNA03 electronic precision level (accuracy 0.03mm) and GPCL2 barcoded invar staff referenced to deep immovable datum in driveway, assumed value 1.00000m.
2. Crack monitoring of two triplets and one disc pair at the right hand flank/garage interface.

Property at [REDACTED], Lee on Solent, [REDACTED]

Precise level and crack monitoring results

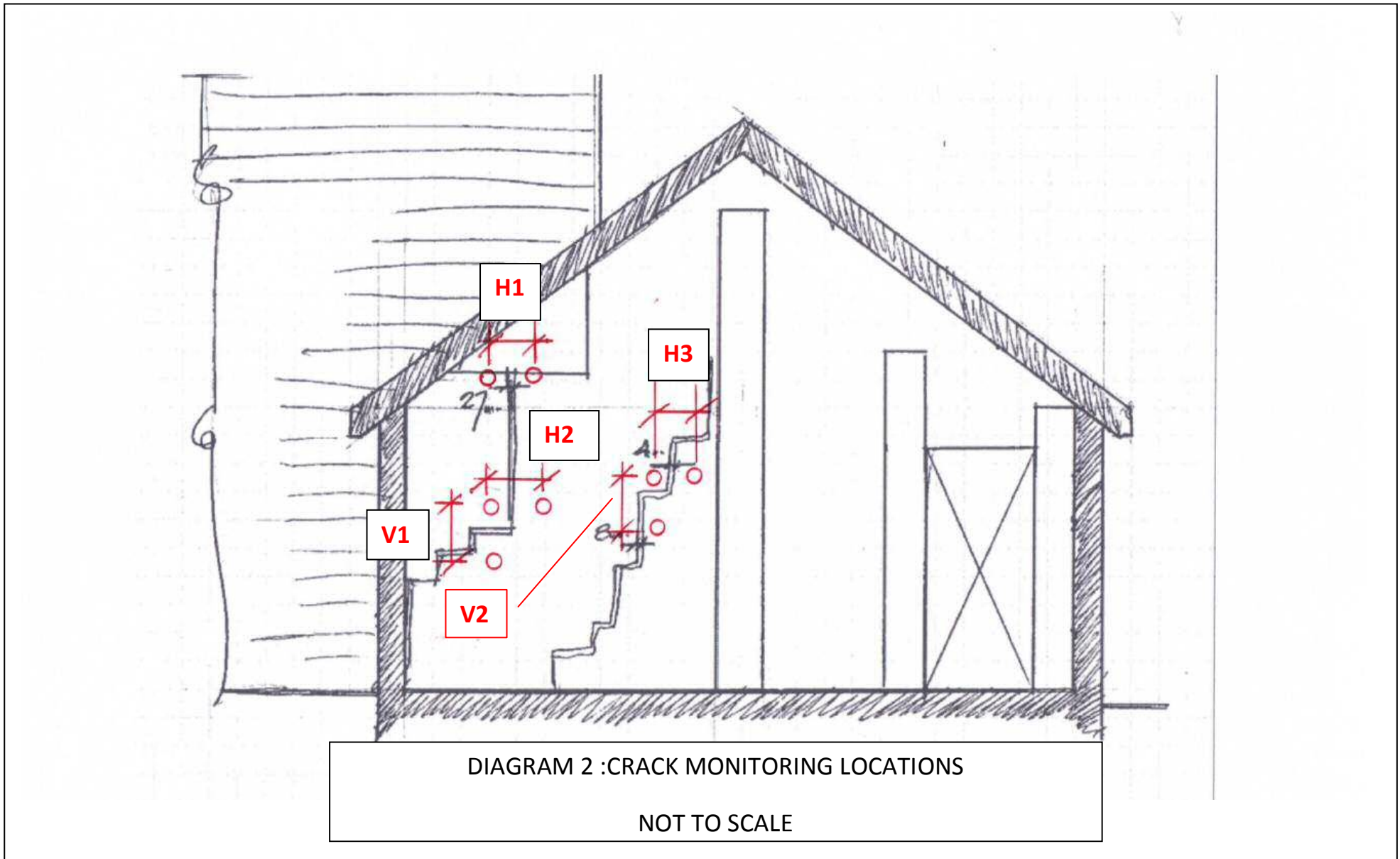
Client: [REDACTED]



Property at [REDACTED], Lee on Solent, [REDACTED]

Precise level and crack monitoring results 6

Client: [REDACTED]



Property at [REDACTED], Lee on Solent, [REDACTED]

Precise level monitoring results 6

Client: [REDACTED]

Point number	Date of initial reading 29/10/13 Initial reading [m]	Date of second reading 11/12/13 Days since initial reading = 43 Second reading [m]	Movement since start [mm]	Date of third reading 13/02/14 Days since initial reading = 107 Third reading [m]	Movement since start [mm]	Date of fourth reading 08/04/14 Days since initial reading = 161 Fourth reading [m]	Movement since start [mm]	Date of fifth reading 17/06/14 Days since initial reading = 232 Fifth reading [m]	Movement since start [mm]	Date of sixth reading 27/08/14 Days since initial reading = 303 Sixth reading [m]	Movement since start [mm]	Date of seventh reading Days since initial reading = Seventh reading [m]	Movement since start [mm]
1	1.15560	1.15560	0.00	1.15560	0.00	1.15550	-0.10	1.15563	0.03	1.15540	-0.20		
2	1.17400	1.17340	-0.60	1.17400	0.00	1.17380	-0.20	1.17422	0.22	1.17480	0.80		
3	1.14830	1.14810	-0.20	1.14780	-0.50	1.14800	-0.30	1.14777	-0.53	1.14880	0.50		
4	1.21040	1.21080	0.40	1.21080	0.40	1.21010	-0.30	1.20921	-1.19	1.20960	-0.80		
5	0.94690	0.94630	-0.60	0.94640	-0.50	0.94640	-0.50	0.94579	-1.11	0.94510	-1.80		
6	1.17780	1.17710	-0.70	1.17700	-0.80	1.17670	-1.10	1.17551	-2.29	1.17548	-2.32		
7	1.11200	1.11160	-0.40	1.11260	0.60	1.11220	0.20	1.11175	-0.25	1.11120	-0.80		
8	1.11960	1.11950	-0.10	1.11990	0.30	1.11950	-0.10	1.11911	-0.49	1.11960	0.00		
9	1.08860	1.08790	-0.70	1.08750	-1.10	1.08700	-1.60	1.08574	-2.86	1.08520	-3.40		
10	1.09340	1.09290	-0.50	1.09280	-0.60	1.09200	-1.40	1.09095	-2.45	(Lost & replaced) 1.08790	-2.45 (assumed)		
11	1.14180	1.14120	-0.60	1.14190	0.10	1.14180	0.00	1.14173	-0.07	1.14150	-0.30		
12	1.16090	1.16080	-0.10	1.16100	0.10	1.16140	0.50	1.16128	0.38	1.16170	0.80		
13	1.18280	1.18040	-2.40	1.18340	0.60	1.18290	0.10	1.18193	-0.87	1.18310	0.30		
14	1.12310	1.12190	-1.20	1.12150	-1.60	1.12050	-2.60	Damaged (1.11151)	-2.60 (assumed)	1.11110	-3.01		
Max closing error	0.20mm	0.24mm		0.14mm		0.30mm		0.25mm		0.06mm			

Property at [REDACTED], Lee on Solent, [REDACTED]

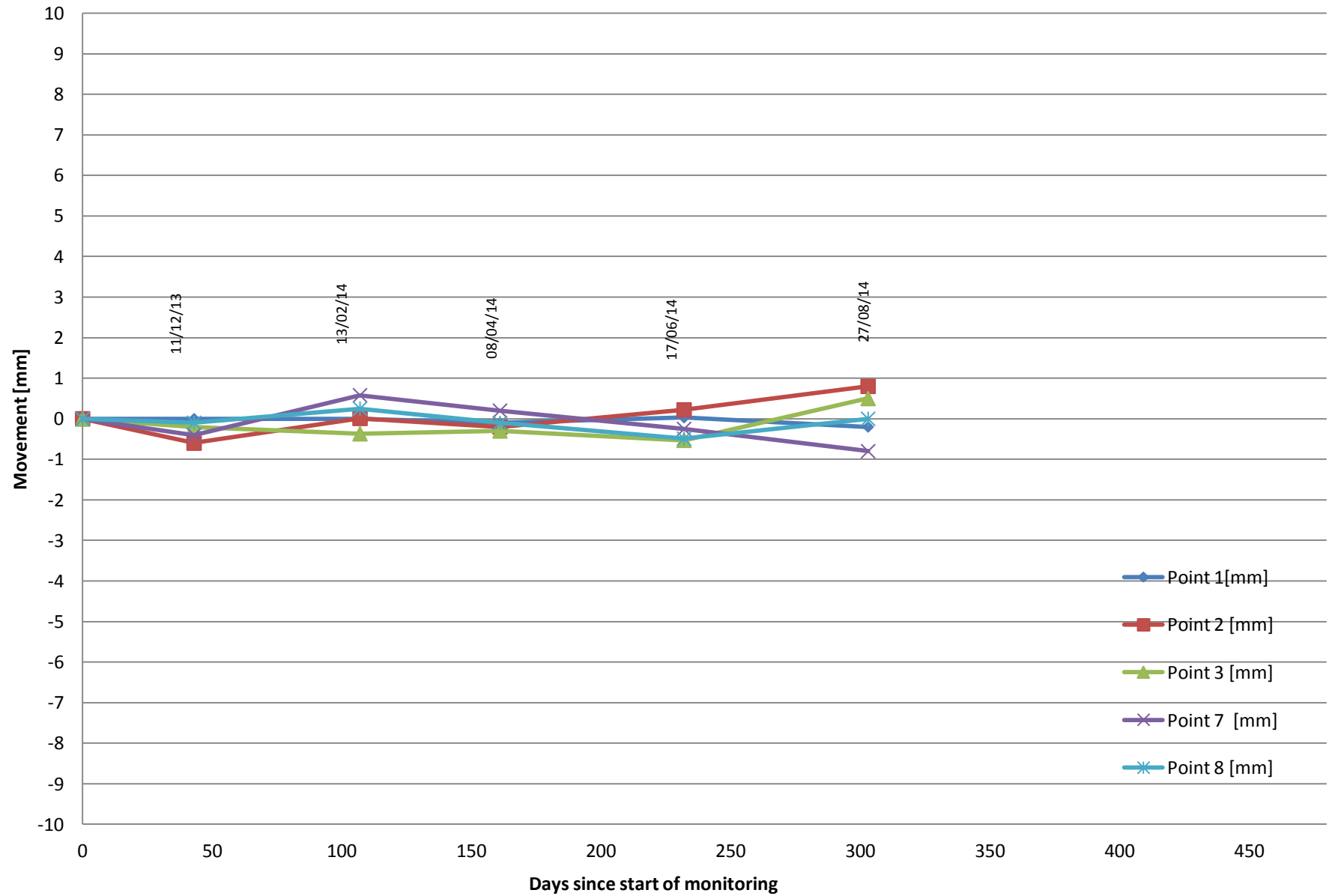
Crack monitoring results 6

Client: [REDACTED]

Point number	Date of initial reading 29/10/13 Initial reading [m]	Date of second reading 11/12/13 Days since initial reading = 43 Second reading [m]	Movement since start [mm]	Date of third reading 13/02/14 Days since initial reading = 107 Third reading [m]	Movement since start [mm]	Date of fourth reading 08/04/14 Days since initial reading =161 Fourth reading [m]	Movement since start [mm]	Date of fifth reading 17/06/14 Days since initial reading =232 Fifth reading [m]	Movement since start [mm]	Date of sixth reading 27/08/14 Days since initial reading = 303 Sixth reading [m]	Movement since start [mm]	Date of seventh reading Days since initial reading = Seventh reading [m]	Movement since start [mm]
H1	73.90	74.23	0.33	74.53	0.63	74.94	1.04	74.98	1.08	75.96	2.06		
H2	87.89	88.42	0.53	88.31	0.42	88.43	0.54	88.80	0.91	88.92	1.03		
H3	80.86	81.41	0.55	81.72	0.86	81.94	1.08	82.50	1.64	82.82	1.96		
V1	121.53	121.63	0.10	121.42	-0.11	121.23	-0.30	121.15	-0.38	121.19	-0.34		
V2	63.80	64.02	0.22	64.20	0.40	64.26	0.46	64.00	0.20	64.09	0.29		

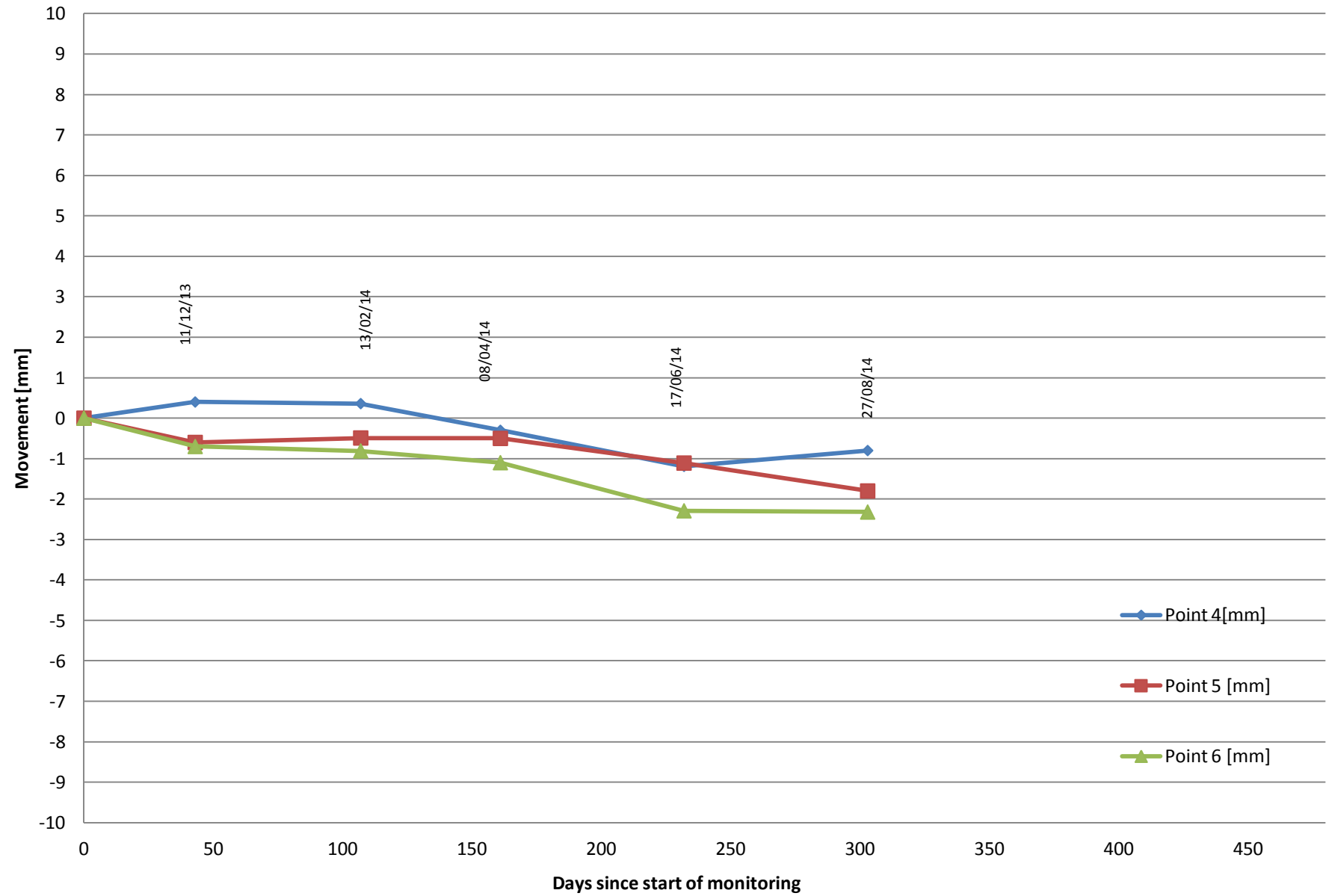
Start
29/10/13

DPC Movement - point nos. 1,2,3,7,& 8



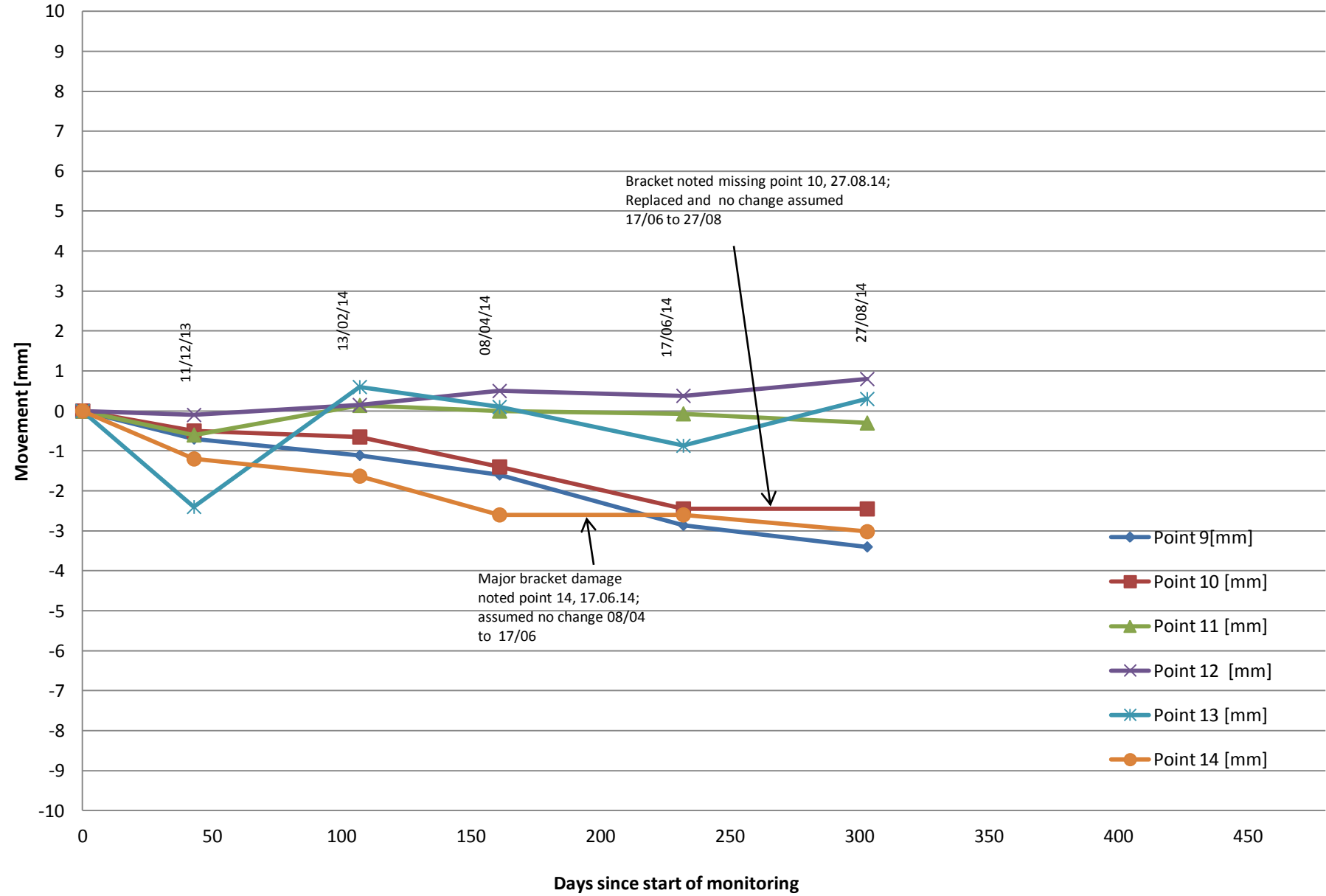
Start
29/10/13

DPC Movement - point nos. 4 -6



DPC Movement - point nos. 9-14

Start
29/10/13



Start
29/10/13

Crack Movement (+ ve= open, - ve = close)

