

TRIGON SURVEY & INVESTIGATION LTD

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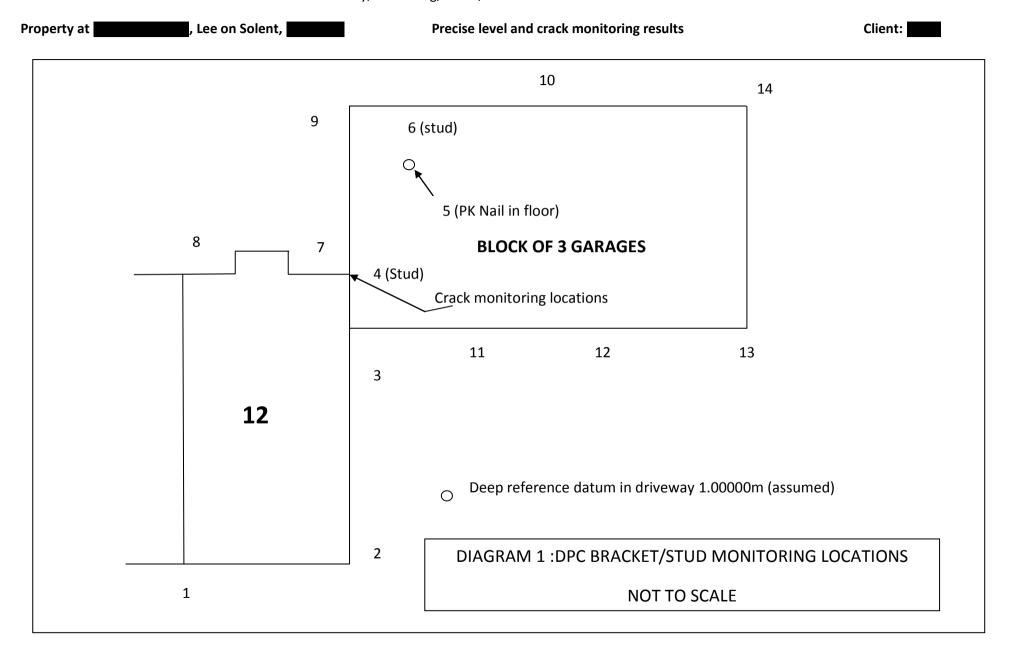


Claim ref. 13/29817

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

Recorded by V.Snook BSc CEng MICE

- 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 , Lee on Solent, Precise level and crack monitoring results 6 Client: **DIAGRAM 2 : CRACK MONITORING LOCATIONS NOT TO SCALE**

Job No. 13-085

Property at Lee on Solent,

Precise level monitoring results 6

Client:

| Point number | Date of initial reading 29/10/13 | Date of second reading 11/12/13 | Movement since start [mm] | Date of third reading 13/02/14 | Movement since start [mm] | Date of fourth reading 08/04/14 | Movement since start [mm] | Date of fifth reading 17/06/14 | Movement since start [mm] | Date of sixth reading 27/08/14 | Movement since start [mm] | Date of seventh reading | Movement since start [mm] |
|-----------------|----------------------------------|--|---------------------------------|--|---------------------------------|---|---------------------------------|--|---------------------------------|--|---------------------------------|--|---------------------------------|
| | Initial reading [m] | Days since initial reading = 43 | | Days since initial reading = 107 | | Days since initial reading =161 | | Days since initial reading = 232 | | Days since initial reading = 303 | | Days since initial reading = | |
| | | Second reading [m] | | Third reading [m] | | Fourth reading [m] | | Fifth reading [m] | | Sixth reading [m] | | Seventh reading [m] | |
| 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 | 0.20mm | 0.24mm | | 0.14mm | | 0.30mm | | 0.25mm | | 0.06mm | | | |
| error | | | | | | | | | | | | | |
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Job No. 13-085

Property at Lee on Solent,

Crack monitoring results 6

Client:

| Point | Date of | Date of | Movement | Date of | Movement | Data of | Movement | Date of | Movement | Date of | Movement | Date of | Movement |
|----------|----------|------------|-------------|----------|-------------|----------------|-------------|----------|---|----------|-------------|----------|-------------|
| number | initial | second | since start | third | since start | Date of fourth | since start | fifth | since start | sixth | since start | seventh | since start |
| Hullibei | reading | reading | [mm] | reading | [mm] | reading | [mm] | reading | [mm] | reading | [mm] | reading | [mm] |
| | 29/10/13 | 11/12/13 | [111111] | 13/02/14 | [111111] | 08/04/14 | [[[[[]]] | 17/06/14 | [| 27/08/14 | [111111] | reauring | [111111] |
| | 23/10/13 | 11/12/13 | | 13/02/14 | | 08/04/14 | | 17/00/14 | | 27/00/14 | | | |
| | Initial | | | | | | | | | | | | |
| | reading | Days since | | Days | | Days | | Days | | Days | | Days | |
| | [m] | initial | | since | | since | | since | | since | | since | |
| | | reading | | initial | | initial | | initial | | initial | | initial | |
| | | = 43 | | reading | | reading | | reading | | reading | | reading | |
| | | | | = 107 | | =161 | | =232 | | = 303 | | = | |
| | | Second | | | | | | | | | | | |
| | | reading | | Third | | Fourth | | | | Sixth | | Seventh | |
| | | [m] | | reading | | reading | | Fifth | | reading | | reading | |
| | | | | [m] | | [m] | | reading | | [m] | | [m] | |
| | | | | | | | | [m] | | | | | |
| | | | | | | | | | | | | | |
| 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 | | |
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