

# MONITORING SURVEY RESULTS

## JOB DETAILS:

Reference No:

Job Name:

Survey Date: 11/04/2019

Survey No: 23

Surveyor: David Regan

## NOTES / COMMENTS:

No notes recorded.

- Absolute accuracy of readings  $\pm$  2mm
- All measurements shown in millimetres unless stated.
- Points positions are not to Ordnance Survey (OSGB)
- Negative vertical measurements indicate point has lowered.

## MAXIMUM MOVEMENT RANGES (mm):

Colours	Horizontal		Vertical	
	Lower Limit	Upper Limit	Lower Limit	Upper Limit
GREEN	0	5	0	5
YELLOW	5	8	5	8
RED	8	N/A	8	N/A

## POINT MOVEMENT SUMMARY:

Colours	Base Data		Last Survey	
	Horizontal	Vertical	Horizontal	Vertical
GREEN	24	26	10	26
YELLOW	2	0	0	0
RED	0	0	0	0

Points Recorded This Survey:	26	Weather Conditions: 10 °C Sunny Intervals
Points Recorded Previous Survey:	26	
Points Not Surveyed From Previous:	0	

RAW SURVEYED POSITIONS (in metres)					DIFFERENCES BETWEEN READINGS (mm)			
POINT ID	EASTING	NORTHING	HEIGHT	COMMENT	BASE - HORIZONTAL	BASE - VERTICAL	PREVIOUS - HORIZONTAL	PREVIOUS - VERTICAL
R.01	539459.779	194544.601	54.312	Garden Wall	0.7	-0.9	...	0.4
R.02	539454.470	194541.570	54.263	Garden Wall	3.4	-2.5	0.8	0.3
R.03	539452.586	194542.169	56.177	Mews House (Rear)	0.8	0.1	0.8	0.1
R.04	539453.906	194542.923	56.235	Mews House (Rear)	0.6	0.1	...	0.2
R.05	539455.108	194543.607	56.243	Mews House (Rear)	0.9	0.0	...	-0.5
R.06	539457.048	194544.716	56.277	Mews House (Rear)	0.2	0.9	...	0.7
R.07	539458.442	194545.516	56.276	Mews House (Rear)	0.7	-0.5	...	-0.3
R.08	539458.186	194532.101	55.012	No 17 - P Wall (Garden)	3.0	0.3	...	0.1
R.09	539461.615	194525.952	57.014	No 17 - P Wall (Garden)	1.7	0.5	0.8	-0.7
R.10	POINT	NOT	SURVEYED	No 15 - P Wall (Garden)	...	...	...	...
R.11	539465.525	194536.333	57.011	No 15 - P Wall (Garden)	8.0	-1.0	...	0.3
R.12	POINT	NOT	SURVEYED	No 15 - P Wall (Garden)	...	...	...	...
R.13	539454.818	194537.905	54.516	No 17 - P Wall (Garden)	5.7	-3.8	0.5	-0.4
R.14	539460.138	194528.608	54.876	No 17 - P Wall (Garden)	0.2	0.3	...	0.4
R.15	539464.123	194539.067	54.814	No 15 - P Wall (Garden)	3.2	0.4	...	0.9
R.16	539460.961	194545.027	54.653	No 15 - P Wall (Garden)	2.5	-0.6	...	0.6
R.17	539453.518	194540.315	54.673	No 17 - P Wall (Garden)	2.0	-3.2	...	-0.9
R.18	539465.013	194537.479	55.386	No 15 - P Wall (Garden)	2.8	0.5	0.7	0.7

# MONITORING SURVEY RESULTS



## JOB DETAILS:

**Job No:**

**Job Name:**

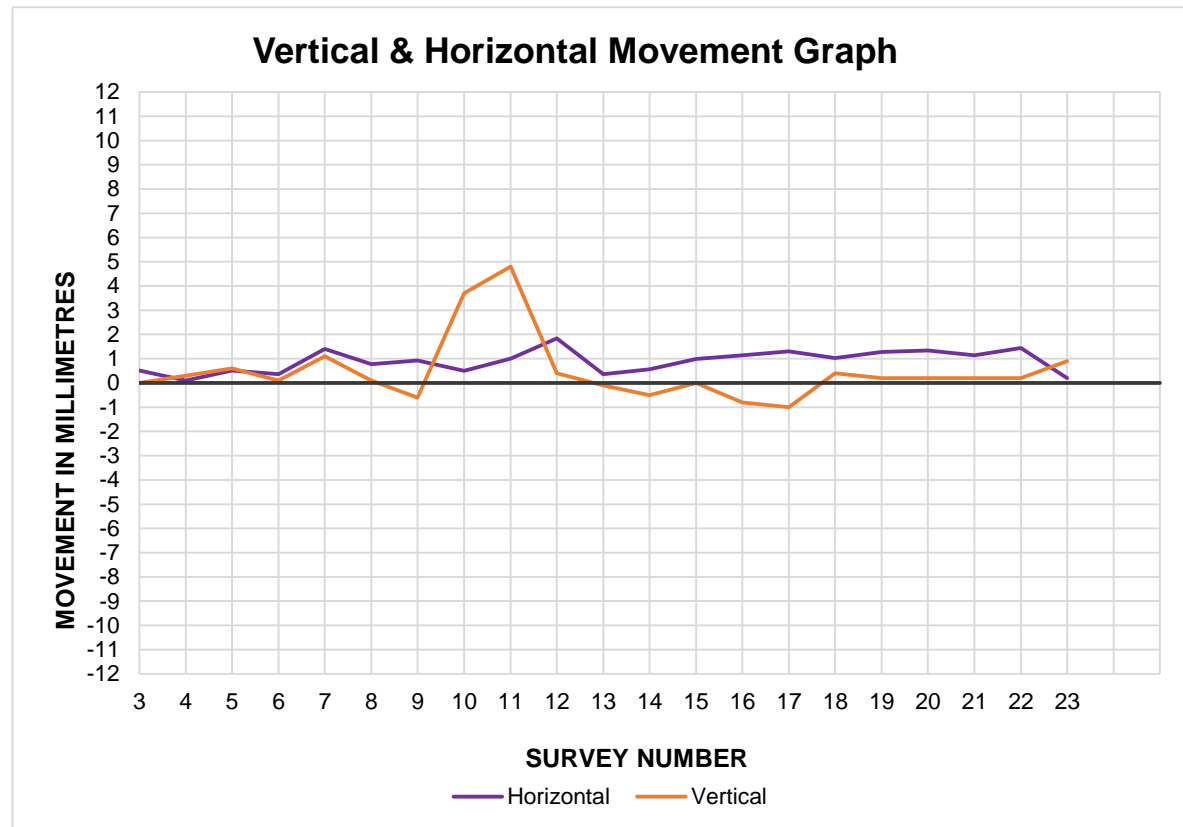
**Point ID:** R.06

**Location:** Mews House (Rear)

## GENERAL NOTES:

- Movement values are shown from base readings (first time surveyed, not previous survey).
- Cells highlighted blue indicate when the highest value(s) have been reached.
- Graph may start from later date depending on amount of data during monitoring duration
- #N/A Indicates results that were not taken or have not been taken yet!

Survey No	Date	Movement (mm)	
		Horizontal	Vertical
3	15/11/2018	0.5	0.0
4	22/11/2018	0.1	0.3
5	30/11/2018	0.5	0.6
6	07/12/2018	0.4	0.1
7	13/12/2018	1.4	1.1
8	20/12/2018	0.8	0.1
9	04/01/2019	0.9	-0.6
10	11/01/2019	0.5	3.7
11	17/01/2019	1.0	4.8
12	25/01/2019	1.8	0.4
13	01/02/2019	0.4	-0.1
14	08/02/2019	0.6	-0.5
15	14/02/2019	1.0	0.0
16	22/02/2019	1.1	-0.8
17	01/03/2019	1.3	-1.0
18	08/03/2019	1.0	0.4
19	15/03/2019	1.3	0.2
20	22/03/2019	1.3	0.2
21	29/03/2019	1.1	0.2
22	05/04/2019	1.4	0.2
23	11/04/2019	0.2	0.9



## SUMMARY:

**Horizontal Movement:** The latest monitoring results for this survey point are showing no horizontal movement beyond the green limits.

**Vertical Movement:** The latest monitoring results for this survey point are showing no vertical movement beyond the green limits.

# CRACK MONITORING RECORD - RELATIVE MOVEMENT



## JOB DETAILS:

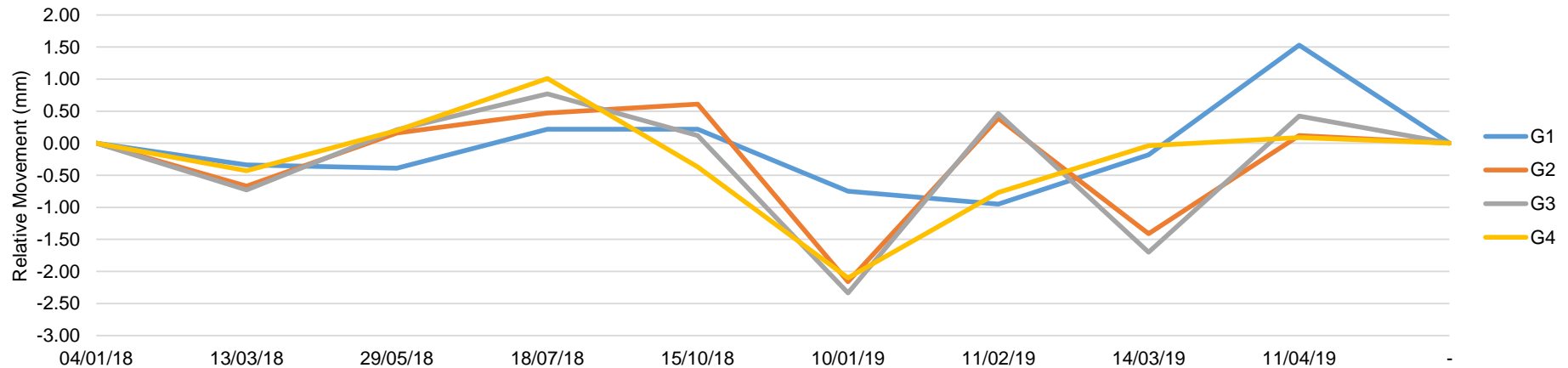
Reference No:  
 Job Name:  
 1st Survey 04/01/2018  
 Latest Survey 11/04/2019

## SURVEY DETAILS:

Surveyed By: Tom Ayre  
 Gauge Used: Von Haus SR44

Gauge	DATE / SURVEY NO										Location
	04/01/18	13/03/18	29/05/18	18/07/18	15/10/18	10/01/19	11/02/19	14/03/19	11/04/19	-	
	1	2	3	4	5	6	7	8	9	10	
G1	0.00	-0.34	-0.39	0.22	0.22	-0.75	-0.95	-0.18	1.53	-	Below extension window
G2	0.00	-0.67	0.16	0.47	0.61	-2.16	0.39	-1.41	0.12	-	Rear window LHS - Vertical Gauge
G3	0.00	-0.73	0.21	0.77	0.12	-2.34	0.46	-1.70	0.42	-	Rear window LHS - Horizontal Gauge
G4	0.00	-0.43	0.20	1.01	-0.37	-2.10	-0.77	-0.04	0.09	-	Rear Window - Above

Movement Over Time



# SOUND MONITORING RESULTS



**Job No:**

**Job Name:**

**Sound Recorder:**

EXTECH SDL600

**Recording Length:**

10 MINS

**Comments:**

**Survey (Base)**

Thursday 18 Oct 2018

**Survey (Previous):**

Friday 05 Apr 2019

**Survey (Latest):**

Thursday 11 Apr 2019

## 20 Devonshire Place

### **BASE DATA**

Min Sound (DB): 64.5  
Max Sound (DB): 81.4  
Mean Sound (DB): 70.9

### **PREVIOUS DATA**

Min Sound (DB): 64.4  
Max Sound (DB): 94  
Mean Sound (DB): 82.5

### **LATEST DATA**

Min Sound (DB): 58.7  
Max Sound (DB): 83.2  
Mean Sound (DB): 67.0

## 22 Devonshire Place

### **BASE DATA**

Min Sound (DB): 64  
Max Sound (DB): 88.8  
Mean Sound (DB): 70.7

### **PREVIOUS DATA**

Min Sound (DB): 73.2  
Max Sound (DB): 97.5  
Mean Sound (DB): 84.0

### **LATEST DATA**

Min Sound (DB): 60  
Max Sound (DB): 79.9  
Mean Sound (DB): 70.0

## St Marleybone CE School

### **BASE DATA**

Min Sound (DB): 57.2  
Max Sound (DB): 85.5  
Mean Sound (DB): 68.7

### **PREVIOUS DATA**

Min Sound (DB): 54  
Max Sound (DB): 73.4  
Mean Sound (DB): 61.7

### **LATEST DATA**

Min Sound (DB): 52.1  
Max Sound (DB): 69.1  
Mean Sound (DB): 58.4

## Rear Of 16 Devonshire

### **BASE DATA**

Min Sound (DB): 57.7  
Max Sound (DB): 80  
Mean Sound (DB): 65.7

### **PREVIOUS DATA**

Min Sound (DB): 53.7  
Max Sound (DB): 77.8  
Mean Sound (DB): 58.0

### **LATEST DATA**

Min Sound (DB): 49.3  
Max Sound (DB): 75.1  
Mean Sound (DB): 55.7