



Monitoring Setting Out
General Arrangement
Scale 1:125

Monitoring Setting Out Data			
Ref.	Easting (m)	Northing (m)	Monitoring Purpose
VIB-01	389207.503	396960.876	Vibration
VIB-02	389205.679	396966.243	Vibration
VIB-03	389241.357	396967.883	Vibration
VIB-04	389240.241	396973.042	Vibration
VIB-05	389294.355	396983.350	Vibration
VIB-06	389292.435	396988.655	Vibration
MOV-01	389202.348	396959.808	Slope Movement
MOV-02	389200.998	396964.924	Slope Movement
MOV-03	389199.268	396970.650	Slope Movement
MOV-04	389245.836	396968.317	Slope Movement
MOV-05	389244.894	396974.577	Slope Movement
MOV-06	389244.207	396980.637	Slope Movement
MOV-07	389291.423	396982.102	Slope Movement
MOV-08	389289.327	396987.257	Slope Movement
MOV-09	389287.042	396992.430	Slope Movement

Slope Movement Monitoring Trigger Levels		
Trigger Level	Ground Movement	Action
Green	<5mm	Work may proceed
Amber	5-10mm	Increase frequency of monitoring, review working practices & consult the designer
Red	>10mm	Halt operations immediately if this limit is exceeded until the reason for reaching the limit has been identified.

Vibration Monitoring Trigger Levels		
Trigger Level	PPV Limit	Action
Green	<5mm/s	Work may proceed
Amber	5-10mm/s	Increase frequency of monitoring, review working practices & consult the designer
Red	>10mm/s	Halt operations immediately if this limit is exceeded until the reason for reaching the limit has been identified.

NOTES :

General

All dimensions mm UNO

All elevations mOD UNO

Do not scale, use figured dimensions only

2 No. vibrographs to be positioned at the crest and the mid height of the slope OR the Network Rail Boundary will be moved parallel to the slope as piling progresses. Setting out points for vibration monitoring shown nominally for reference.

Vibrographs to be offset a minimum of 1.5m from the sheet pile wall line.

Suitable movement monitoring survey points are to be provided at the proposed locations.

It is proposed to monitor movement of the slope at the following frequency both during and immediately following installation of the sheet pile wall,

- Daily monitoring to be undertaken during installation of the sheet pile wall.
- Weekly monitoring to be undertaken in the 4 weeks following installation of the sheet pile wall.

Key

VIB-XX
● Vibration Monitoring Point

MOV-XX
● Movement Monitoring Point

B	Revised following comment	SJ	WF	09/07/25
A	Revised following comment	BS	WF	10/06/25
REV	AMENDMENTS	DRAWN	CHECK	DATE



Client:
Kirkland Developments Limited

Project :
Vine Street, Manchester

Title :
Monitoring General Arrangement & Specification

Drawing Status :
FOR INFORMATION

	INITIALS	DATE	SCALE	DRAWING NUMBER
DRAWN	BS	17/06/25	1:125	2664/DWG/001
CHECKED	WF	17/06/25		
DATE : June 2025		ORIGINAL SHEET SIZE	A3	REVISION : B