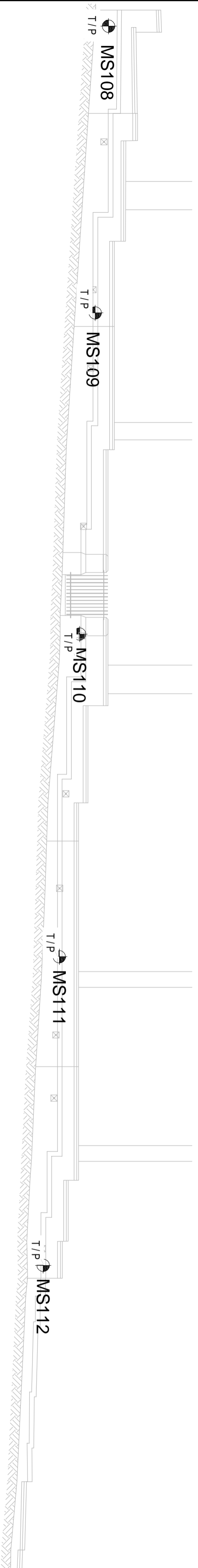




Image of proposed tilt / prism locations with protective guard



Image of proposed tilt / prism locations with protective guard



ELEVATION K-K HAMPSTEAD HILL SCHOOL RETAINING WALL
1:100

Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. The client is responsible for the supply of any survey information given on this drawing.
3. All proprietary equipment must be used in accordance with the manufacturers recommendations.
4. The monitoring system has been prepared from information supplied by the client on drawing No or specification and/or correspondence dated
5. This drawing should be read in conjunction with the relevant method statement/technical proposal.
6. The sensor or instrument location will be confirmed following appropriate site visit/survey.
7. This drawing is the property of Mabeley Hire Ltd. and is supplied subject to Mabeley Hire Ltd's normal trading terms and conditions.

A	ADDED IMAGES OF PROPOSED MONITORING LOCATIONS	21/09/16
0	FIRST ISSUE	
REV/	REVISIONS DETAILS	DR DATE


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TITLE:

**GENERAL ARRANGEMENT
OF A MONITORING EQUIPMENT ITEMS
SCHOOL RETAINING WALL**

PROJECT:

**HAMPSTEAD
LONDON**

CLIENT:

**WILLMOTT
DIXON**

DRG. STATUS:

PRE-CONSTRUCTION

DRG. SCALE(S):

AS SHOWN PAPER SIZE: A2

DRAWN BY:

R. GIVEN DATE: 13.08.16

CHECKED BY:

DATE:

DRAWING NUMBER:

GA-770882-108

REVISION:

0

- E External installation
- I Internal installation
- * May require repositioning
- Possible cable route
- LB Data logger enclosure
- P Suggested prism locations
- T Tilt sensor locations



5 Wireless tilts
5 Manual Prisms

BATTERY POWERED WIRELESS BIAXIAL TILT SENSOR	
Input Range	+/- 10°
Autonomy	2 Years (1 sample/minute)
Digital Resolution	0.009°
Accuracy (-10 to +40°C)	±0.02°
Long Term Stability	0.004°
Transmission Range (m)	Typ 500 Max 1000
IP Rating	IP67

Wireless Transmitter

- Sampling Rate: 1 sample/10 seconds to 1 sample/1 hour
- Upload Rate: Sampling Rate Dependant
- Measurement Storage: No Local Memory
- Connectivity: Zigbee Protocol (IEEE 802.15.4-based)
- Power Supply: 3.6V DC
- Power Autonomy: 30 Days (upload rate dependant)
- Enclosure: Polyoxymethylene- IP67

FIXING DETAILS

- Sensor on 0.5m bracket. Bracket to be fixed using either screws with wall plugs or masonry screw bolts.

Data Logger Location

- Data logger to be located near Enviroguard 3 on site perimeter.