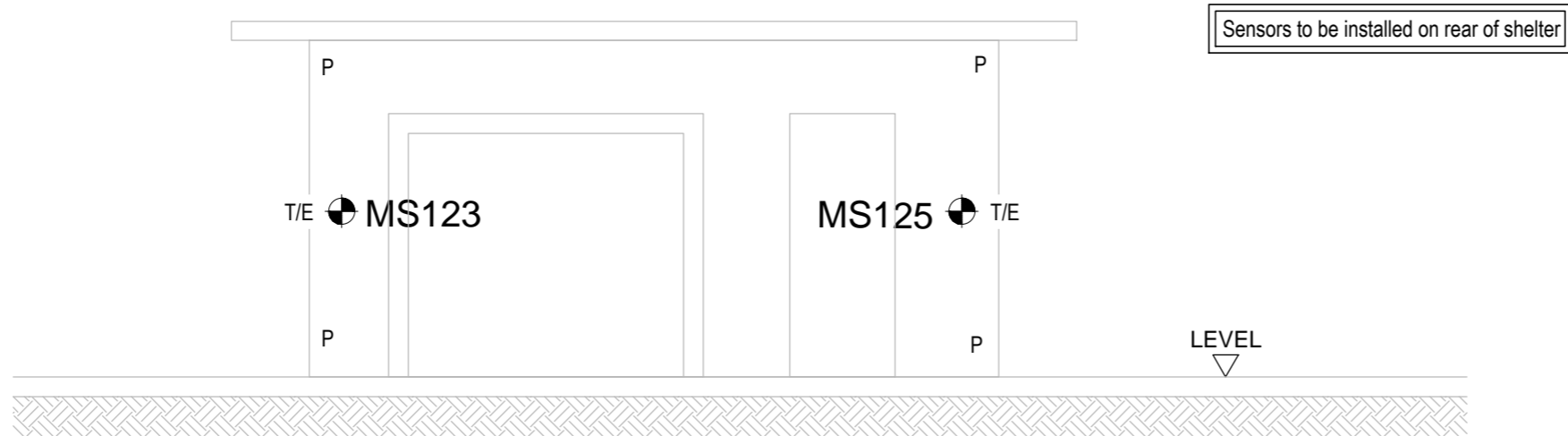


- E External installation
- I Internal installation
- \* May require repositioning
- Possible cable route
- LB Data logger enclosure
- P Suggested prism locations
- T Tilt sensor locations

2 Wireless tilts  
4 Manual Prisms



ELEVATION M-M CABMAN SHELTER  
1:50



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: Polyoxymethelene- IP67

#### FIXING DETAILS

- 2" Wood screws with sensor attached to 500mm bracket.

#### Data Logger Location

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

#### 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 Mabey Hire Ltd. and is supplied subject to Mabey Hire Ltd's normal trading terms and conditions.

0	FIRST ISSUE		
REV	REVISIONS DETAILS	DR	DATE



Mabey Hire Ltd.  
Contracts,  
Bridge House, Strange Road,  
Garswood, Nr. Wigan  
WN4 0RX, United Kingdom

Tel: +44 (0) 1942 725 343  
Fax: +44 (0) 1942 270 893  
www.mabeyhire.co.uk  
action@mabeyhire.co.uk

TITLE:  
GENERAL ARRANGEMENT OF A  
MONITORING ITEMS AT  
CABMAN SHELTER

PROJECT:  
HAMPSTEAD  
LONDON

CLIENT:  
WILLMOTT  
DIXON

DRG. STATUS:  
PRE-CONSTRUCTION

DRG. SCALE(S): AS SHOWN	PAPER SIZE: A2
DRAWN BY: R GIRVEN	DATE: 12.09.16.
CHECKED BY:	DATE:

DRAWING NUMBER: GA-770882-104	REVISION: 0
----------------------------------	----------------