

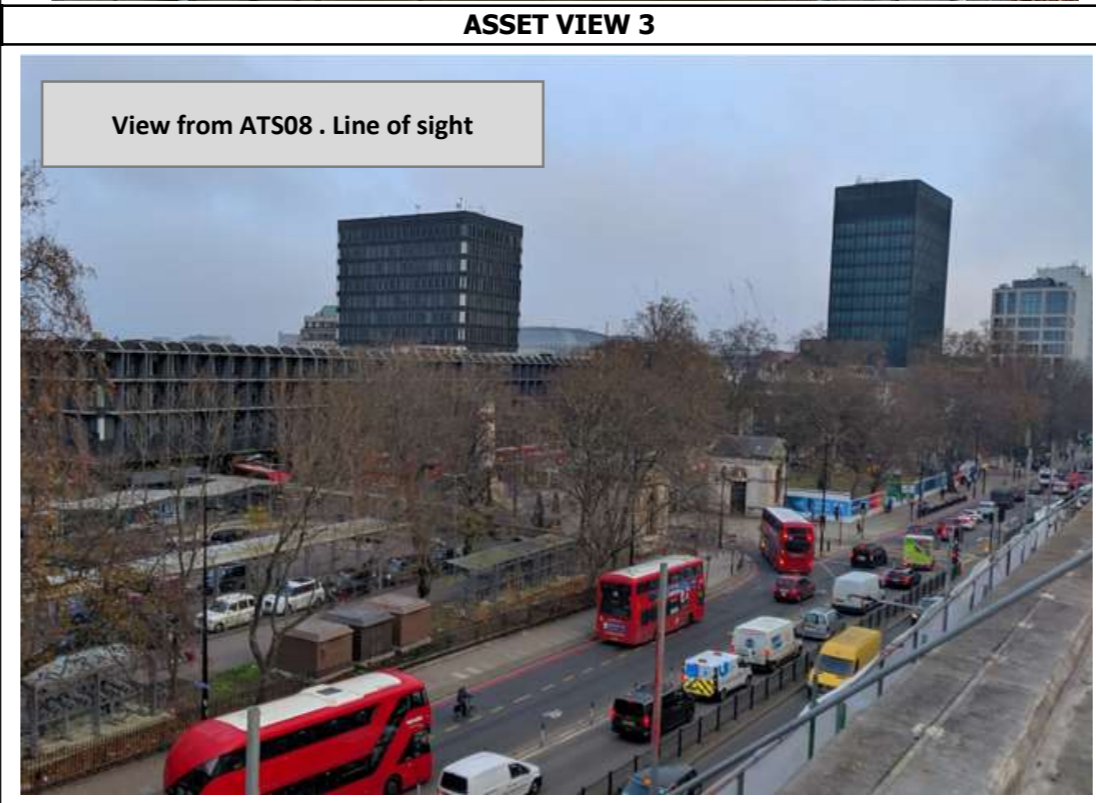
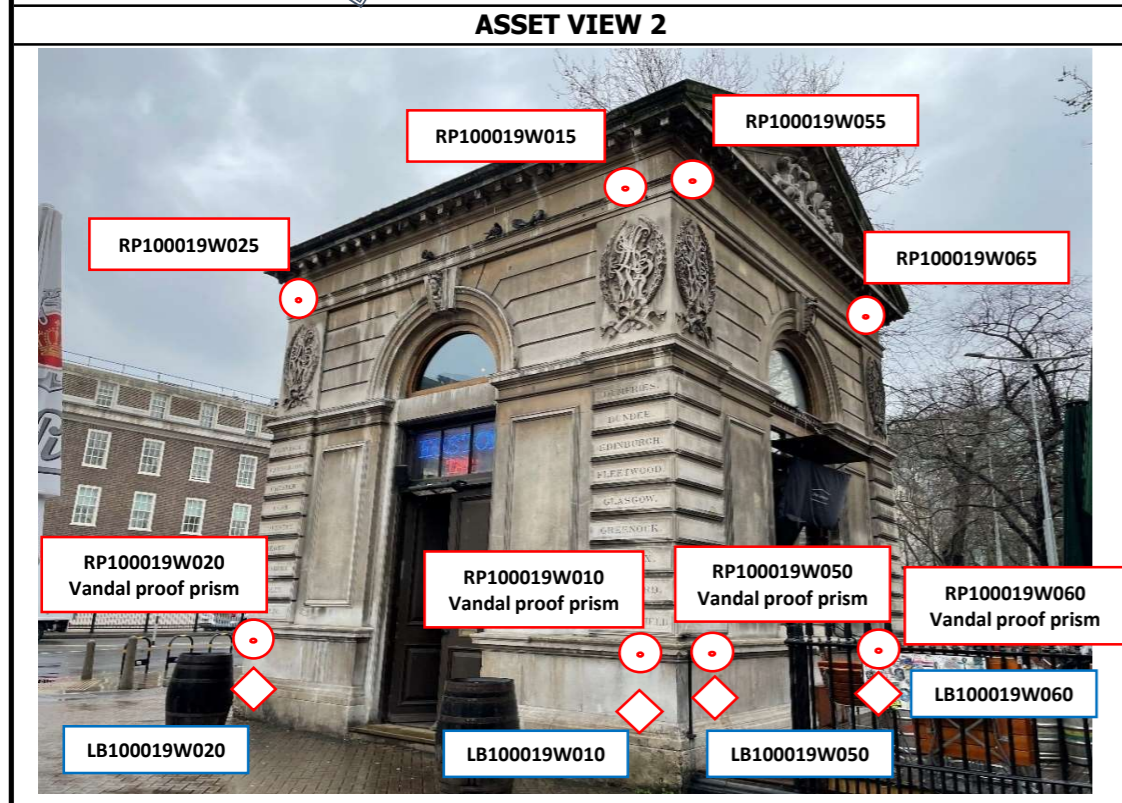
### ASSET INFORMATION

Asset Name/Address	West Lodge
Asset HS2 ID	CGMA0019
Building Storeys	1
<b>PRISMS TOTAL</b>	<b>16</b>
Low Level Prisms	8
High Level Prisms	8
Control Prisms	0
<b>LEVELLING POINTS TOT</b>	<b>8</b>
Levelling Sockets	8
Levelling Scales	0
Crackmeters	0
Tiltmeters	0

\* Note: the monitoring devices are shown just once in the views.

### Monitoring Devices Legend

	Monitoring Prism		Monitoring Target
	Reference Prism		Monitoring Patch
	Levelling Socket		Levelling Scale
	Crackmeter / Extensometer		Tiltmeter



### Fixing Details

#### Mechanical Fixing

Bolt	By a drill hole 8 to 12mm diameter at maximum depth of 50mm, preferably in mortar joints in brick or stone walls, with an expansion sleeve or nylon plug. Stainless steel screws and washers to be used to prevent staining the façade and durability, away from the edges to prevent spalling
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### Monitoring Devices

	L-Bar Prism	
	Vandalproof Prism	
	Reference Prism	
	Levelling Socket	
	Crackmeter	

### Health & Safety and Environmental Information

- Works on this drawing should be undertaken only by an experienced and competent contractor.
- Before installing instrumentation, contractor to carry out site inspection to assess proposed locations.
- Relevant findings in the pre-installation assessment to be recorded in the I.R.S.
- Hazards and risk noted below are additional to those normally associated with installation of instrumentation:
  - Working at height-eg installing geodetic prisms at high level in buildings.
  - Use of substances under COSHH, follow guidelines for use, protection and disposal.

### NOTES

**DO NOT SCALE OFF THIS DRAWING**

- Drawing issued as designer's recommendations for use by contractor
- Prism and Socket locations shown are approximate. Adjustments may be necessary by contractor depending on "as found" conditions as time of installation.
- Prism fixing and orientation must provide good visibility to the Total Stations.
- Monitoring Sockets must allow verticality of the surveying scale and staff.

### ORIGINATOR

**GEOCISA UK**

REV	P01	DATE
PURPOSE	PRELIMINARY	
CREATED BY	AGUSTIN ESTEBAN	05/05/2022
APPROVED BY	JULIAN PORTILLO	06/05/2022
AUTHORISED BY		

### PROJECT/CONTRACT

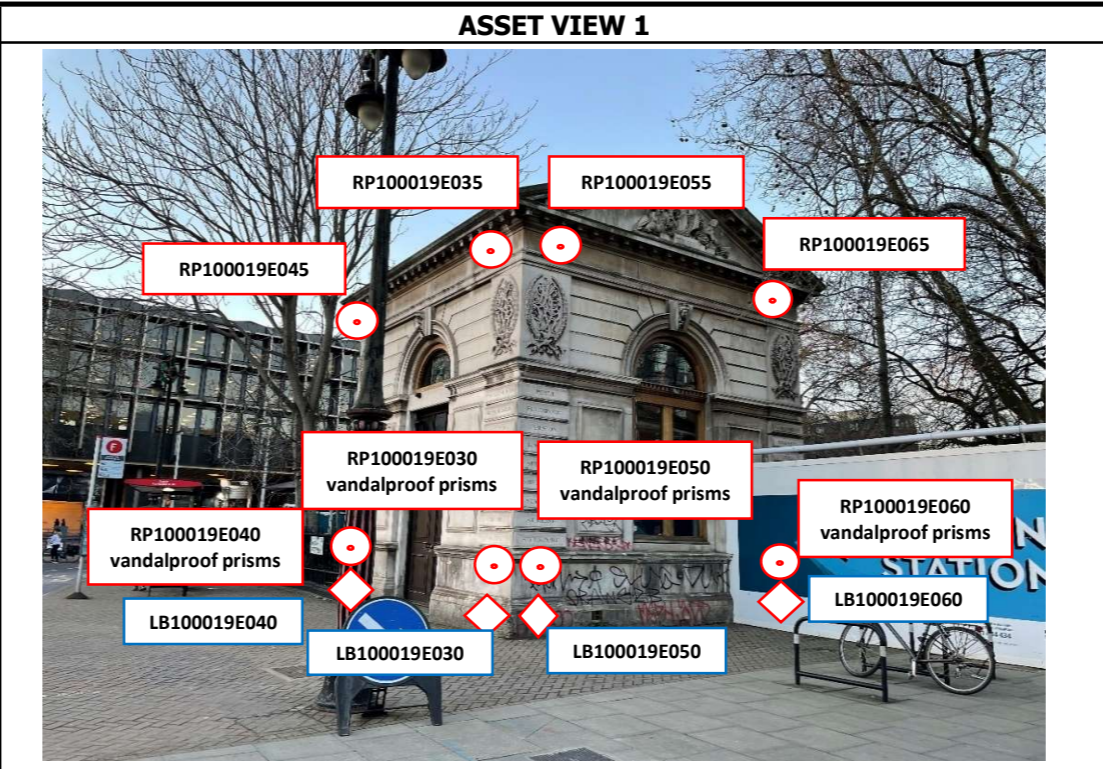
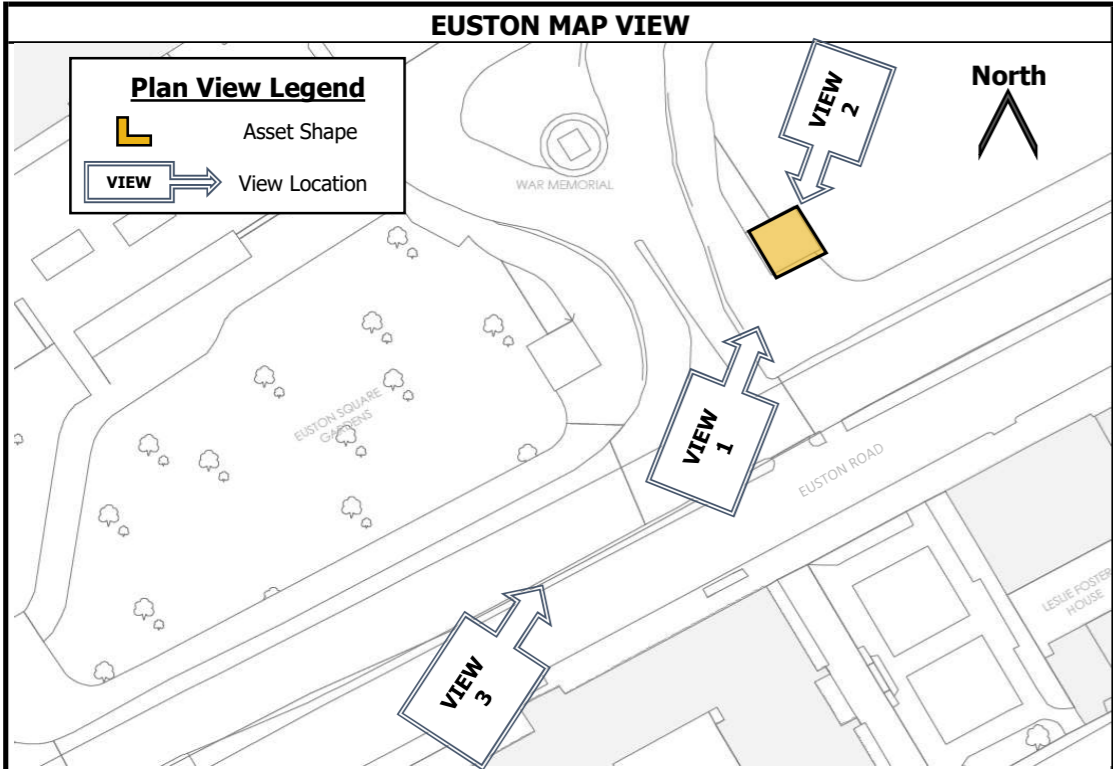
HS2 - EUSTON STATION - I&M for TAS/ESS

### DOCUMENT REFERENCE

GEO-RPT-I&M-DRW-30

Photomontage of Monitoring Devices in buildings  
West Lodge

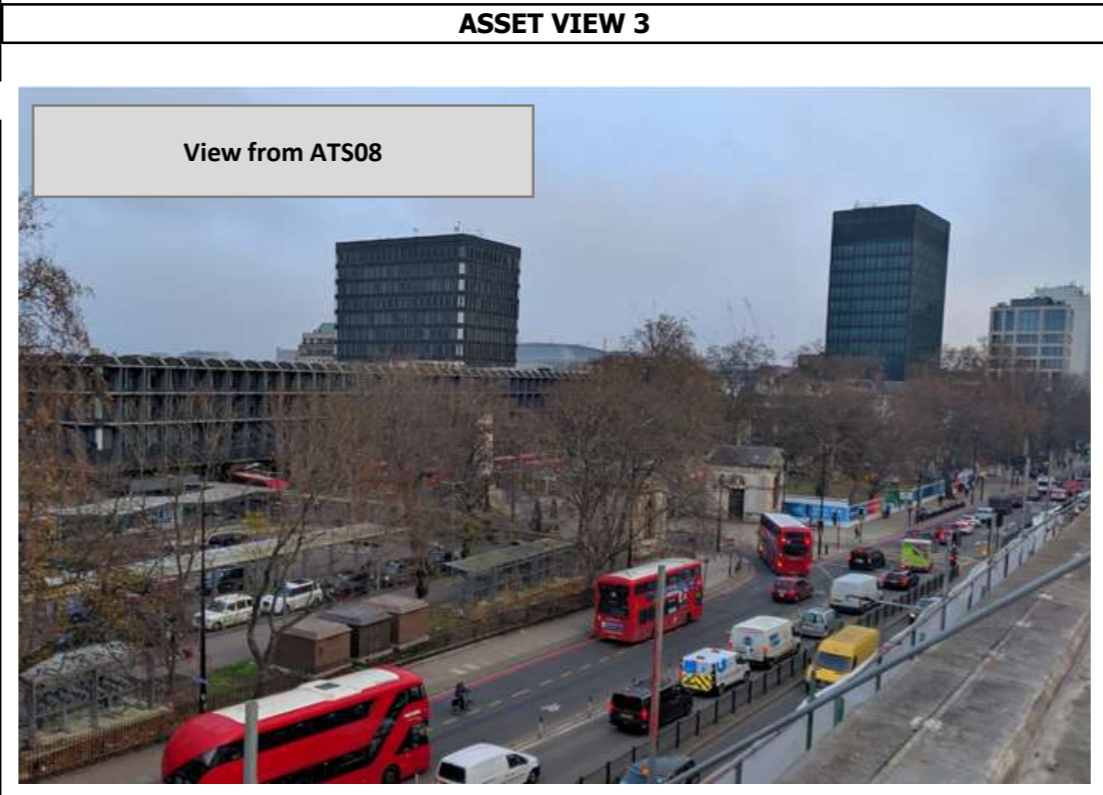
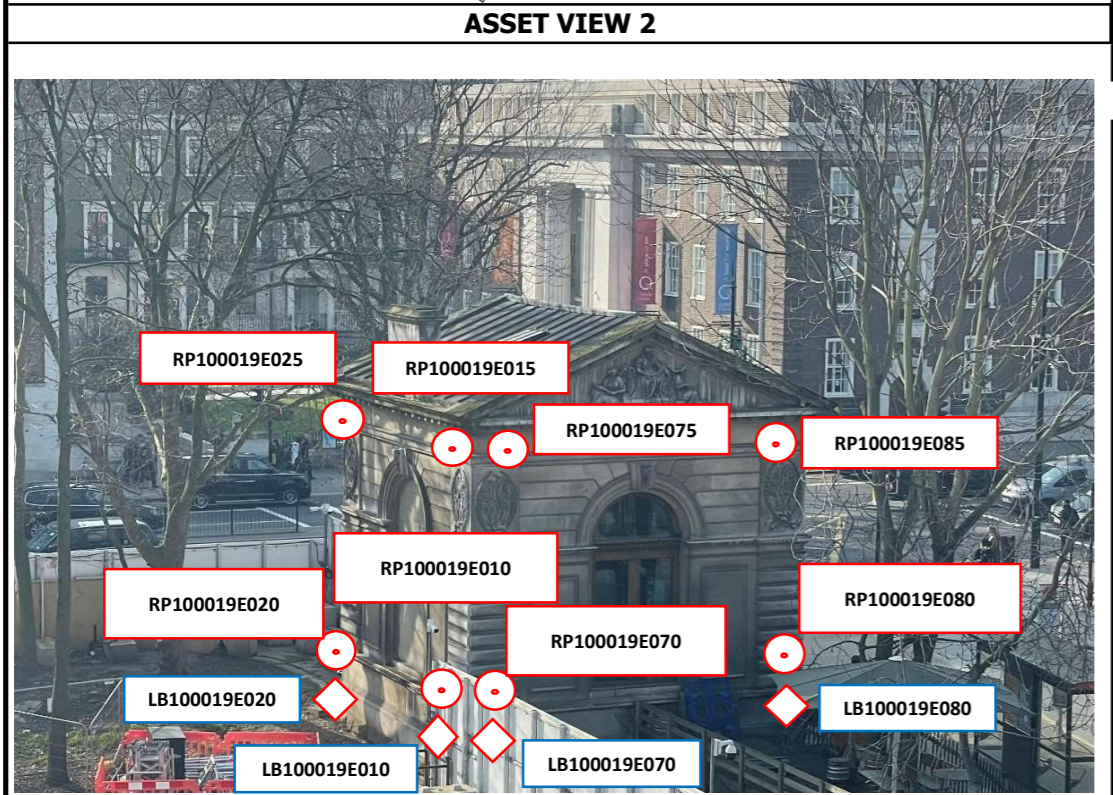
Version - Design



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DOCUMENT REFERENCE	
GEO-RPT-I&M-DRW-31	
Photomontage of Monitoring Devices in buildings West Lodge	
Version - Design	