Design and Access Statement

Bloom Street, Manchester

1st September 2017

Statement completed by **Gemma Lang**

Rev	Date	By	Comments
1	01/09/2017	Gemma Lang	First Draft

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1. Introduction

1.1 Background

ParkingEye propose to install a car park management system on an existing car park owned by Britannia Hotels Ltd which utilises automatic number plate recognition cameras (ANPR), associated signage and pay and display (P&D) machines to monitor the entrance and exit of vehicles within the specified car park.

This design and access statement has been produced to accompany planning application Britannia Bloom Street, Manchester in accordance with the requirements of *Town and Country Planning (Development Management Procedure) (England) Order 2013*

This report illustrates the manner in which the inclusive design and access requirements for the proposed development have been considered and worked into the proposal. This report will be submitted with the planning application.

2. Context of the Site

The site is currently used as a car park with 49 parking bays.

The proposal seeks to provide management of the existing car park to reduce car park abuse and ensure that spaces are available for geniune site users

The planning application red line boundary shows the area operated by the land owner and the extent of the existing car park.

3. Design

3.1 Introduction

The following section of the Design and Access Statement looks at the design issues and impacts of each key element of the proposed development against the following criteria

- Use
- Layout
- Scale
- Appearance

3.2 Overall Scheme

The site will continue to operate as a car park however it will be managed by the introduction of an ANPR system.

The proposal will consist of the following elements:

- ANPR camera
- 5m camera column
- Camera cabinet
- Cabling to link the camera to a power supply
- 3m signage poles
- Associated signage

Each of the above ground elements has incorporated sensitive design principles where feasible and these are detailed in the attached appendicies. The assesment will focus on the potential effects each element will have on the existing local environmental and landscape character.

3.3 Design Issues and Impacts

The proposed development will have a minimal impact on the local landscape character and no landscape elements would be lost as a result of the construction and installation of an ANPR car park management system. As the site is an existing car park, the new infrastructure will be installed in an area that already incorporates similar style features.

4. Access

4.1 Proposed Access Arrangments

Access to the proposed development will be from the existing access road to the car park. The site access and exit arrangments will not change due to installation of an ANPR system.

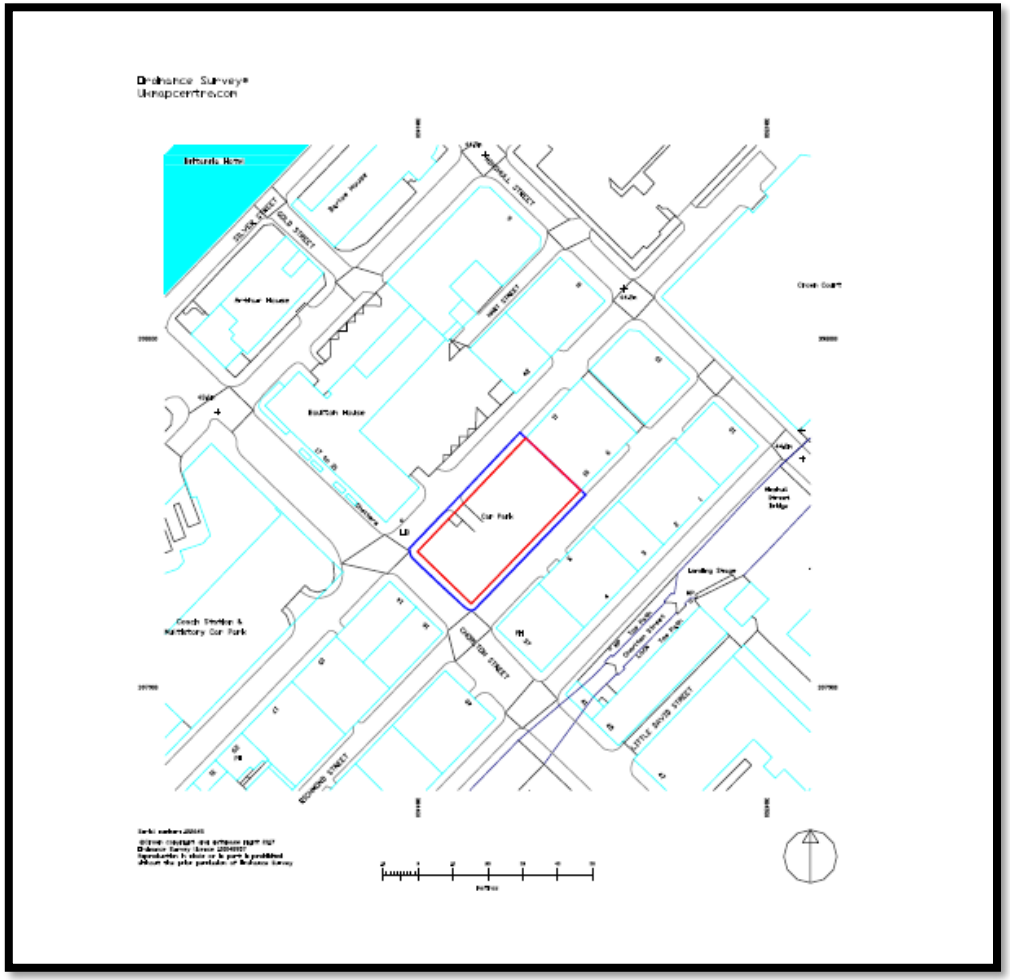
Due to the small scale of the required infrastructre, extra vehicle movements will be limited to the movement of personel travelling to and from the site.

5. Conclusion

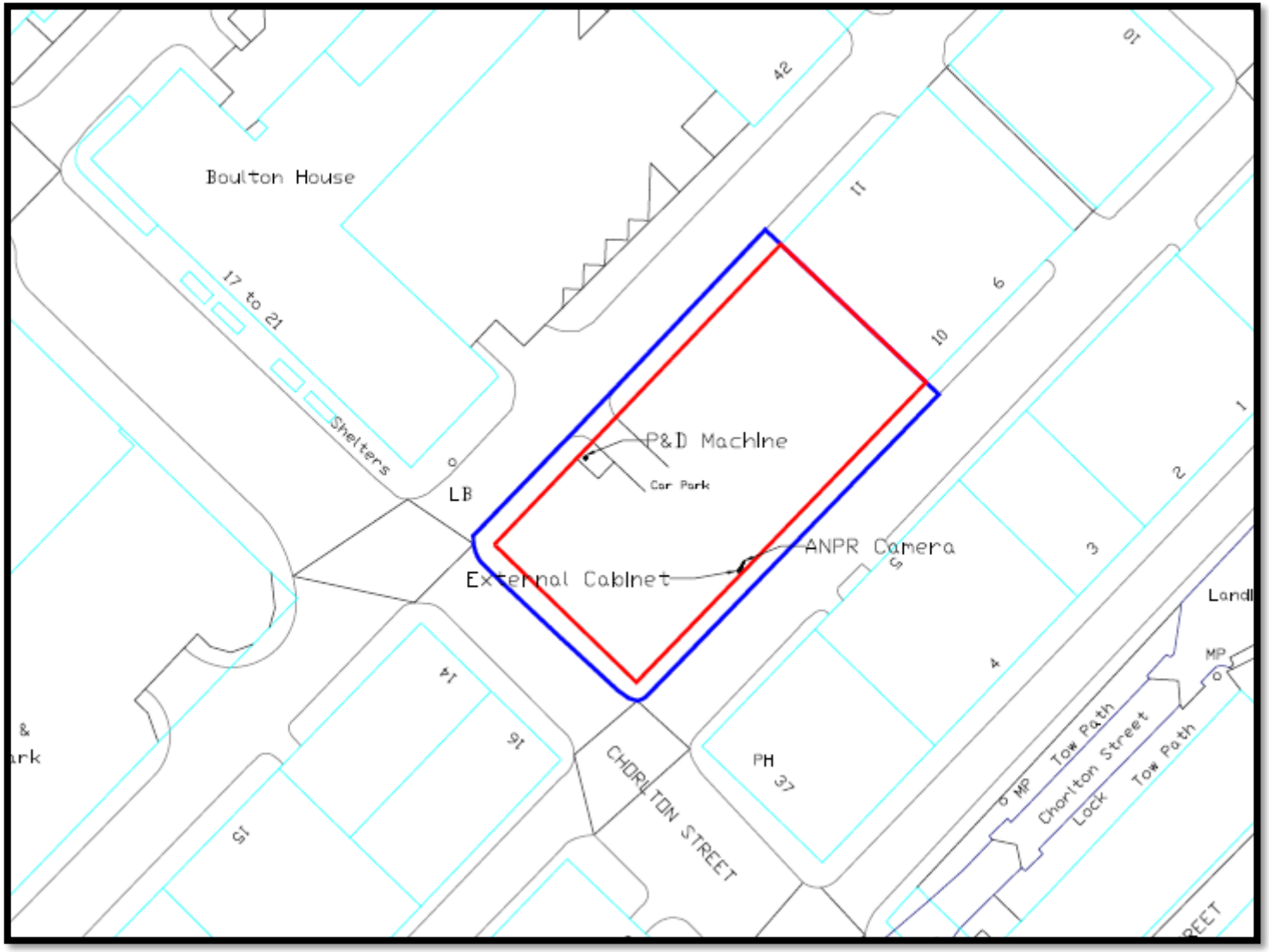
The equipment used for the proposed development will be of a standard specification and be as environmentally sensitive as possible in terms of design. The scheme has been located on an area of land that is already used for car parking and as such will not signifficantly impact upon visual or landscape receptors. The proposal will ensure that the existing car park is used more effectively and reduce the amount of abuse that currenlty occurs.

6. Appendices

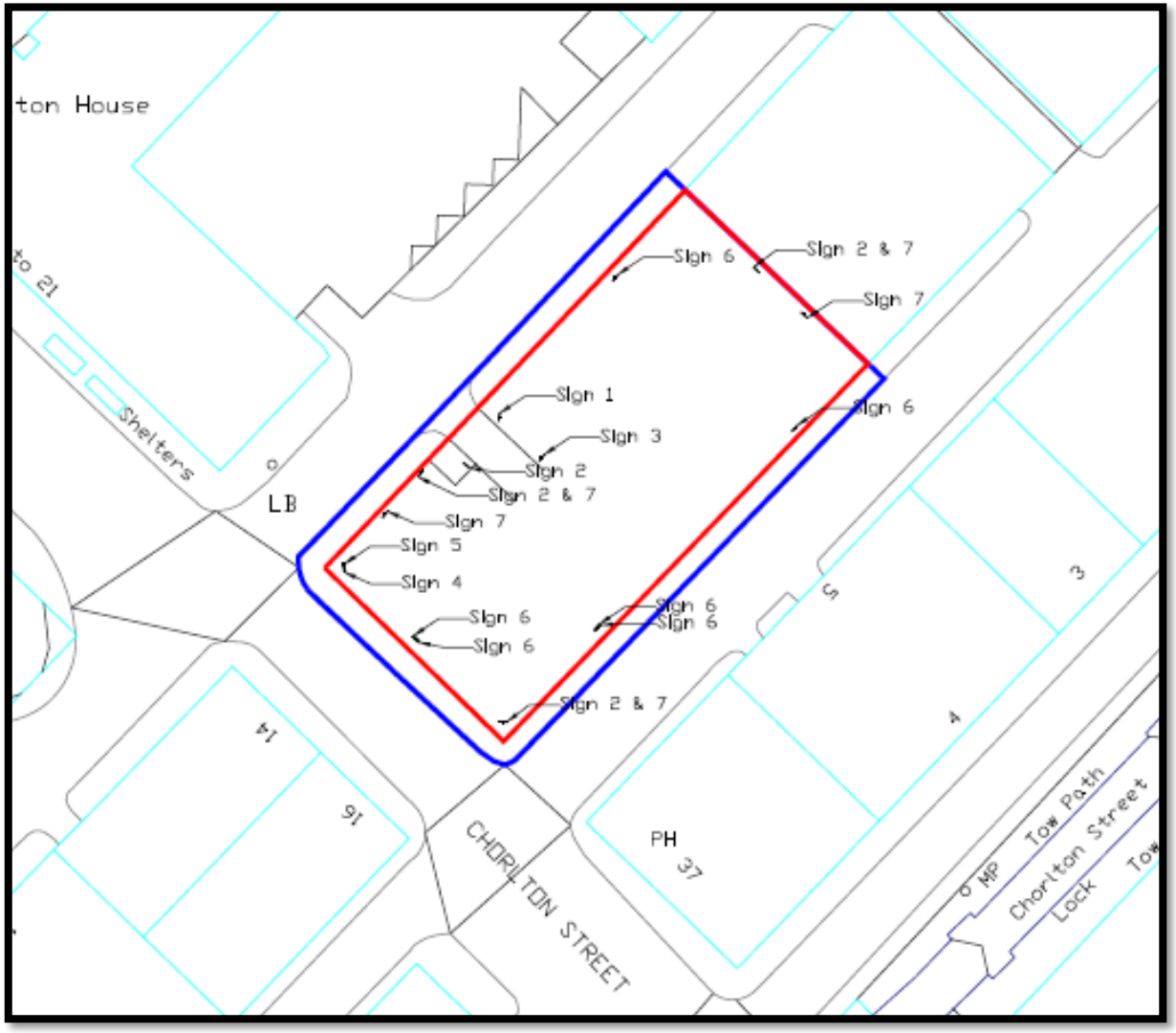
6.1 Site Location Drawing



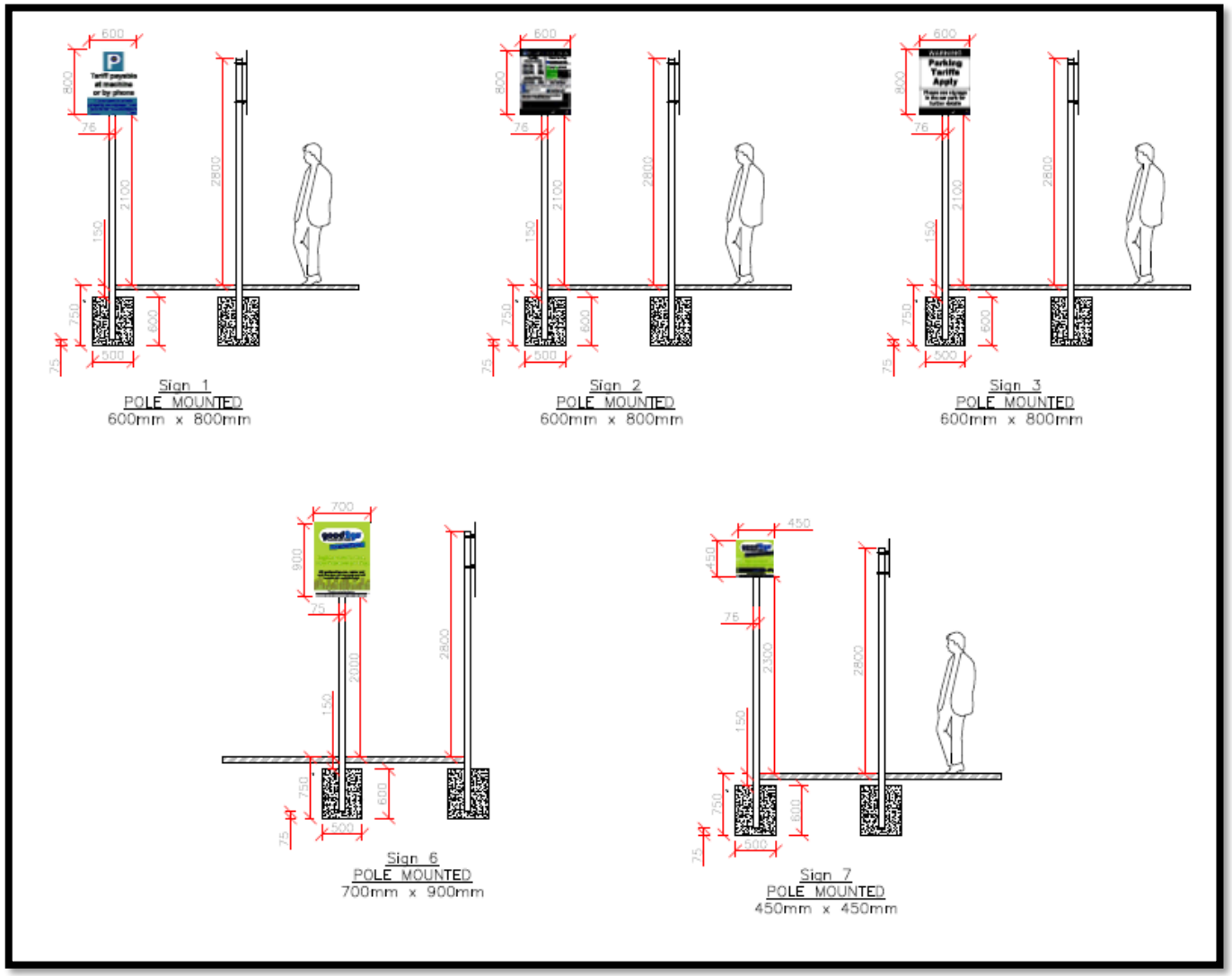
6.2 ANPR Location Drawing

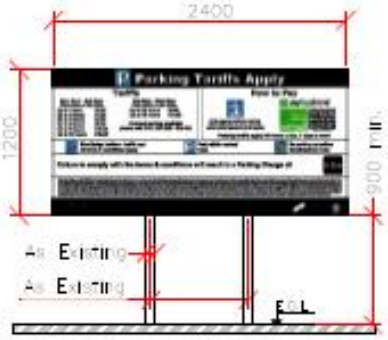


6.3 Signage Plan



6.4 Signage Template





Sign 4
EXISTING POLE MOUNTED
2400mm x 1200mm

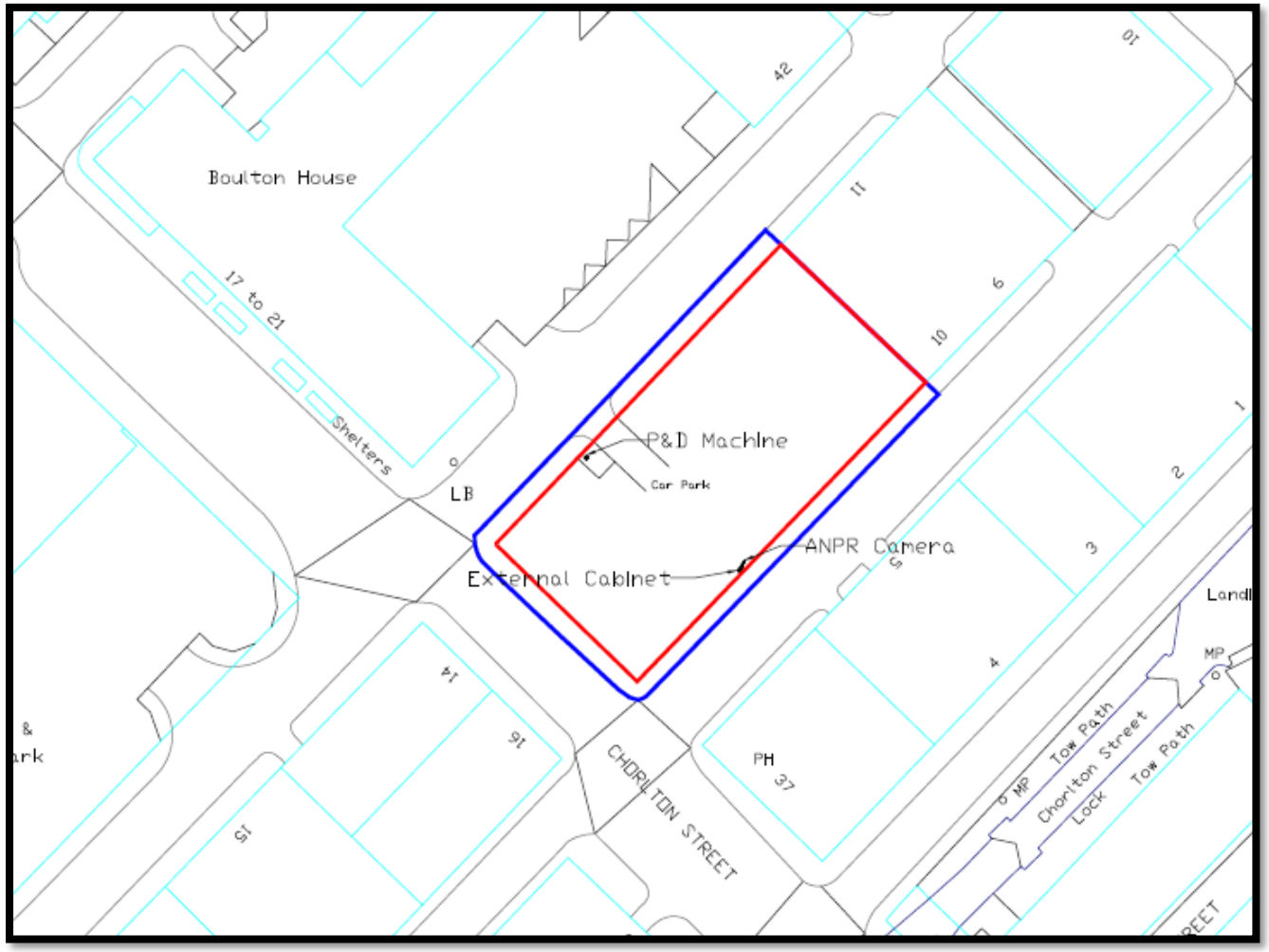


Sign 5
EXISTING POLE MOUNTED
2400mm x 1200mm



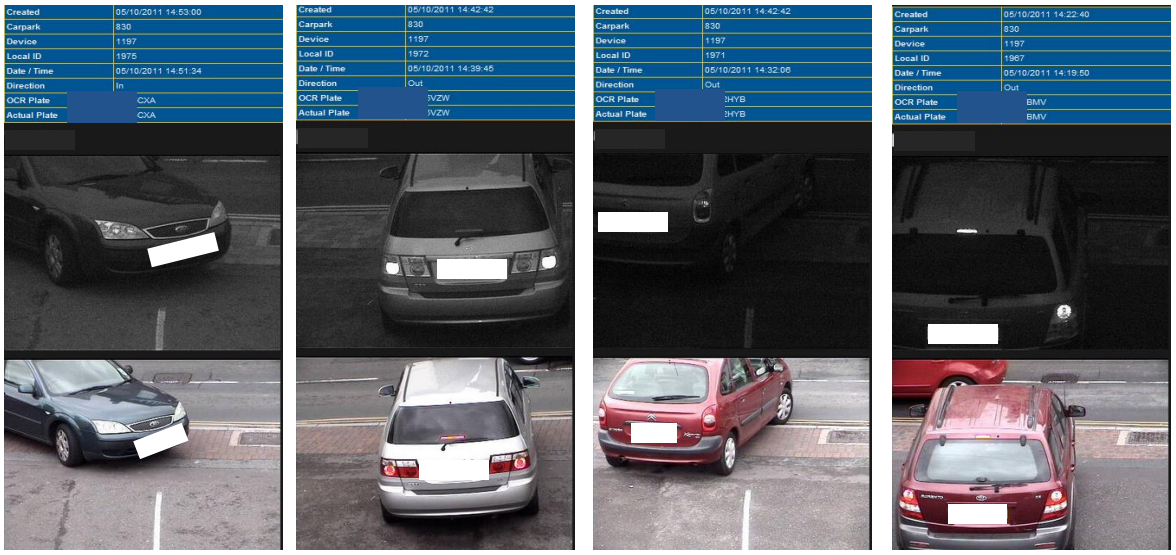
Sign 8 Banner
5000mm x 1000mm

6.5 Pay and Display Location

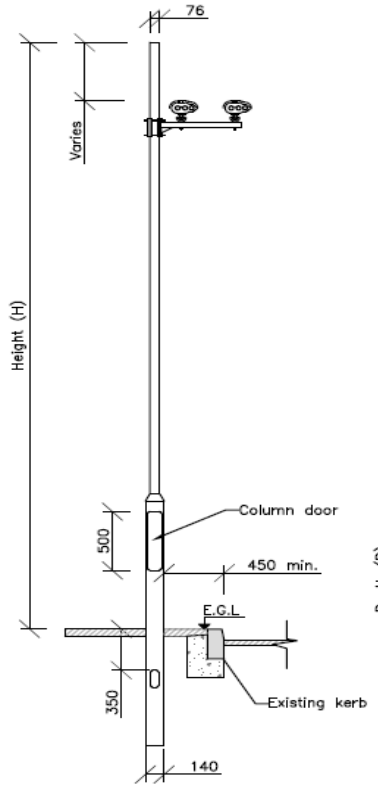


6.6 Example ANPR System

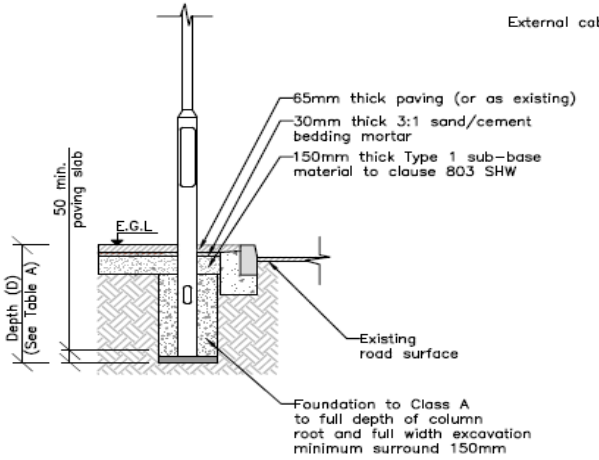
Below is an example of the images that the ParkingEye ANPR system captures within a designated capture zone.



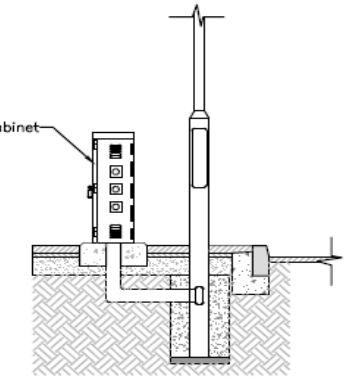
6.7 Camera Column Detail



Lighting Column and Camera General Arrangement Detail



Column Foundation and Reinstatement Details



Lighting Column and Cabinet General Arrangement Detail

TABLE A:	DEPTH (D) (mm)		
COLUMN HEIGHT (H) (mm)	G630 GOOD SOIL	G390 AVERAGE SOIL	G230 POOR SOIL
5000	800	1000	1200

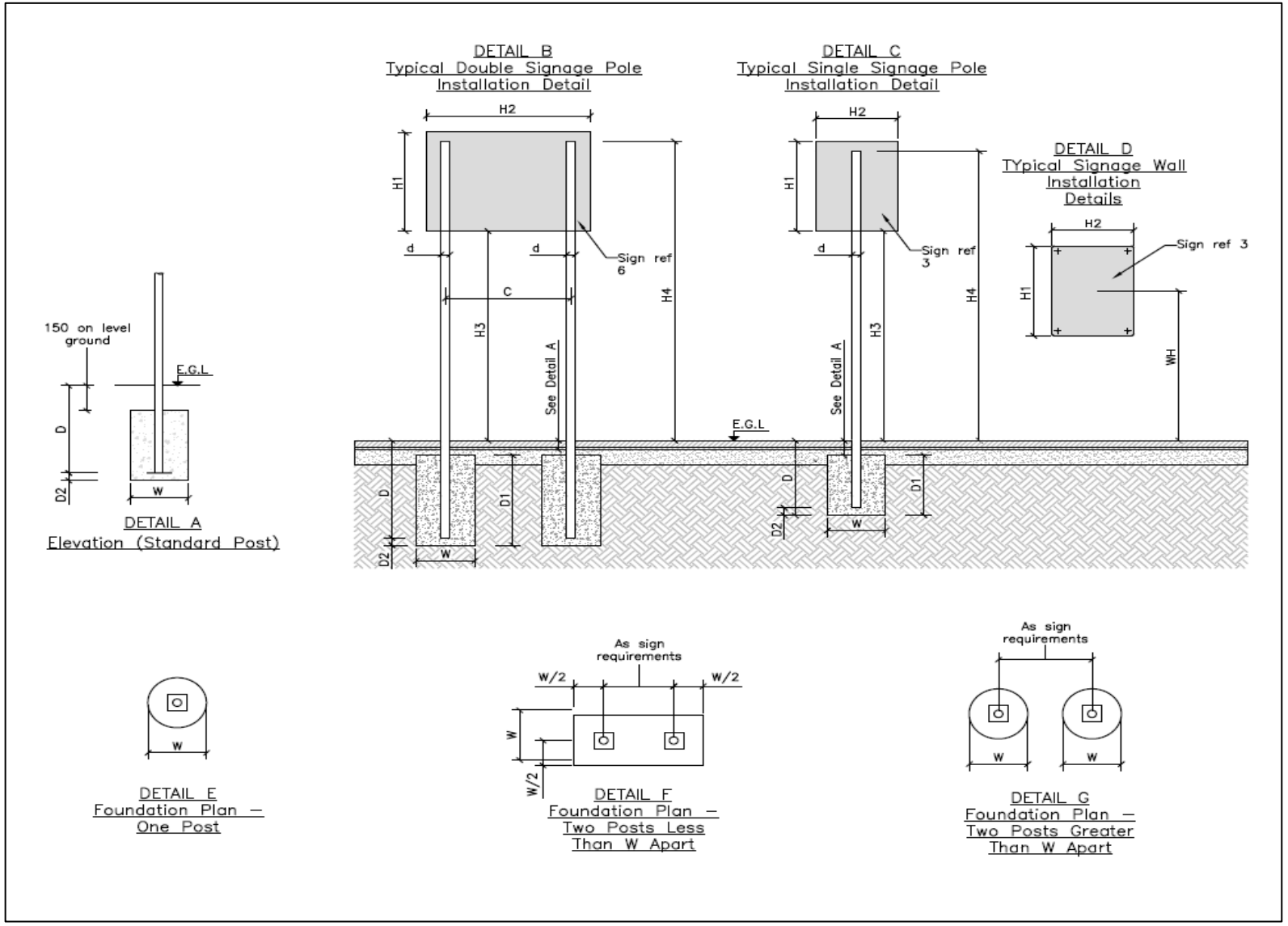
Soil Type: (Factor G) (BS 5649 Part 2)

G630 Good: Compact, well graded sand and gravel, hard clay, well graded fine and course sand, decomposed granite rock and soil. Good material should be well drained and in locations where water will not stand.

G390 Average: Compact fine sand, medium clay, compact, well drained sandy loam, loose course sand and gravel. Average soils should be drained sufficiently well that water does not stand on surface.

G230 Poor: Soft clay, clay loam, poorly compacted sand, clays containing a large amount of silt and vegetable matter, and made ground. Poor soils will normally be wet and have poor drainage.

6.8 Signage Pole Detail



6.9 Pay and Display Detail

