



Britannia Parking

Car Park Operators Throughout the UK

ANPR Site Survey Report

Waitrose Northwood



16.01.18

Document Control Page

Document Name		ANPR Site Survey Report Waitrose Northwood	
Revision History			
Issue #	Date	Author	Reason for change
0.01	16.01.2018	KT	First Draft
0.02	22.01.2018	AF	Amended to one router, one point to point

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1 Location

1.1 Site address

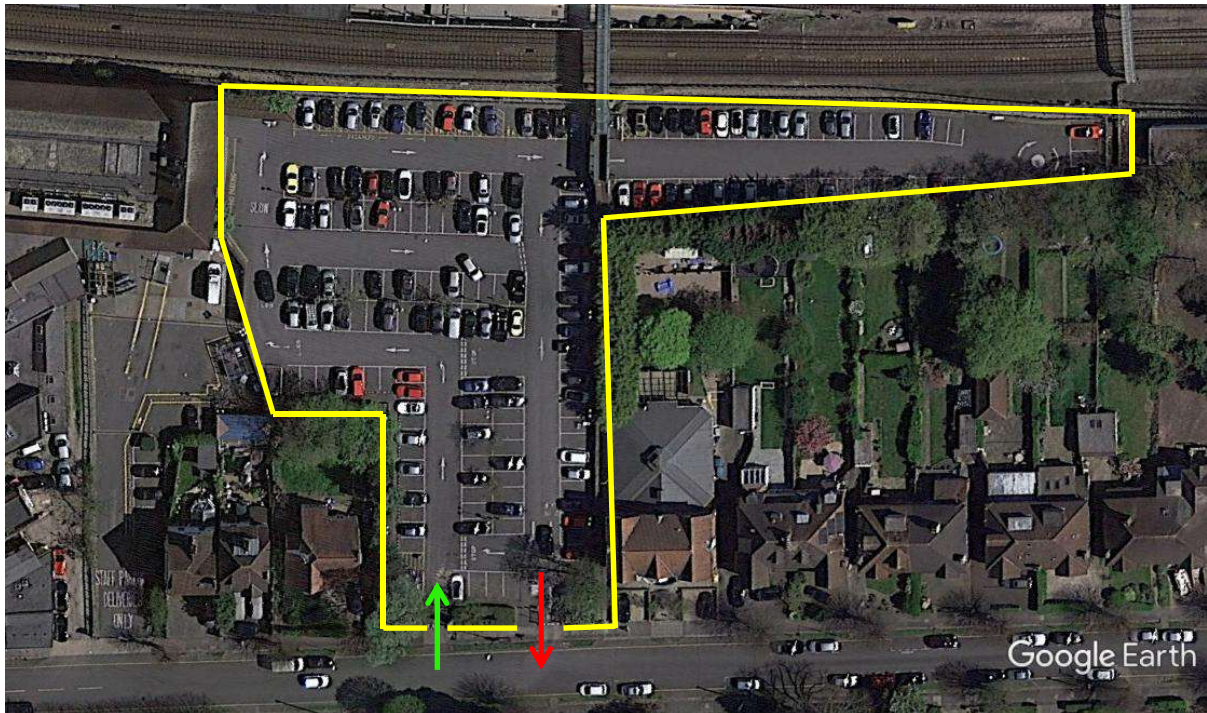
52 Green Lane
Northwood
London
HA6 2XW

1.2 Land Search



1.3 Site Description

Surface car park located at the Waitrose store in Northwood.

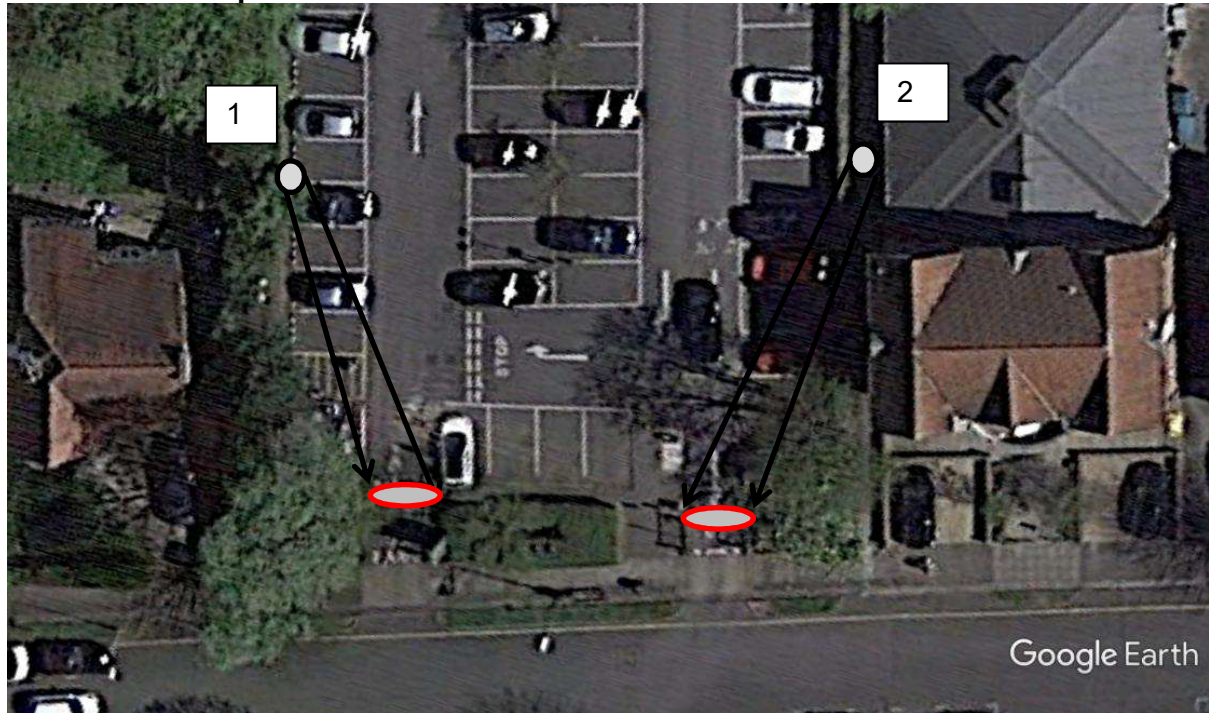


2 Proposed ANPR Solution

2.1 Overview Camera Equipment Positioning

The car park has two separate lanes for entrance and exit. It is proposed to install two MAV ANPR cameras with one camera for each lane. The new column for the entrance camera is to be located four bays along on the left hand side on entry. The camera for the exit lane is to be installed on an existing lighting column along the perimeter fencing

ANPR camera operation



Capture zone

Camera	Length	Width	Camera type
1	17m	3m	MAV IQ Wide
2	18m	3m	MAV IQ Wide

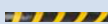
Camera column entrance



Camera column exit



2.2 Key

Key	Type	Qty	Key	Type	qty
	Camera	2		Ancillary equipment	2
	New lighting column			Existing lighting column	1
	New CCTV column	1		Existing CCTV column	
	Line of sight			Focal area	
	Hooped barrier			Column protector	
	Tablet device			Anti-climb	
	Power source			Payment terminal	
	Cable run (power)			Cable run (data)	
	Speed restriction ramps				

2.3 Power

A 240v 13-amp continuous fused supply will be required to enable us to power all required ANPR equipment.

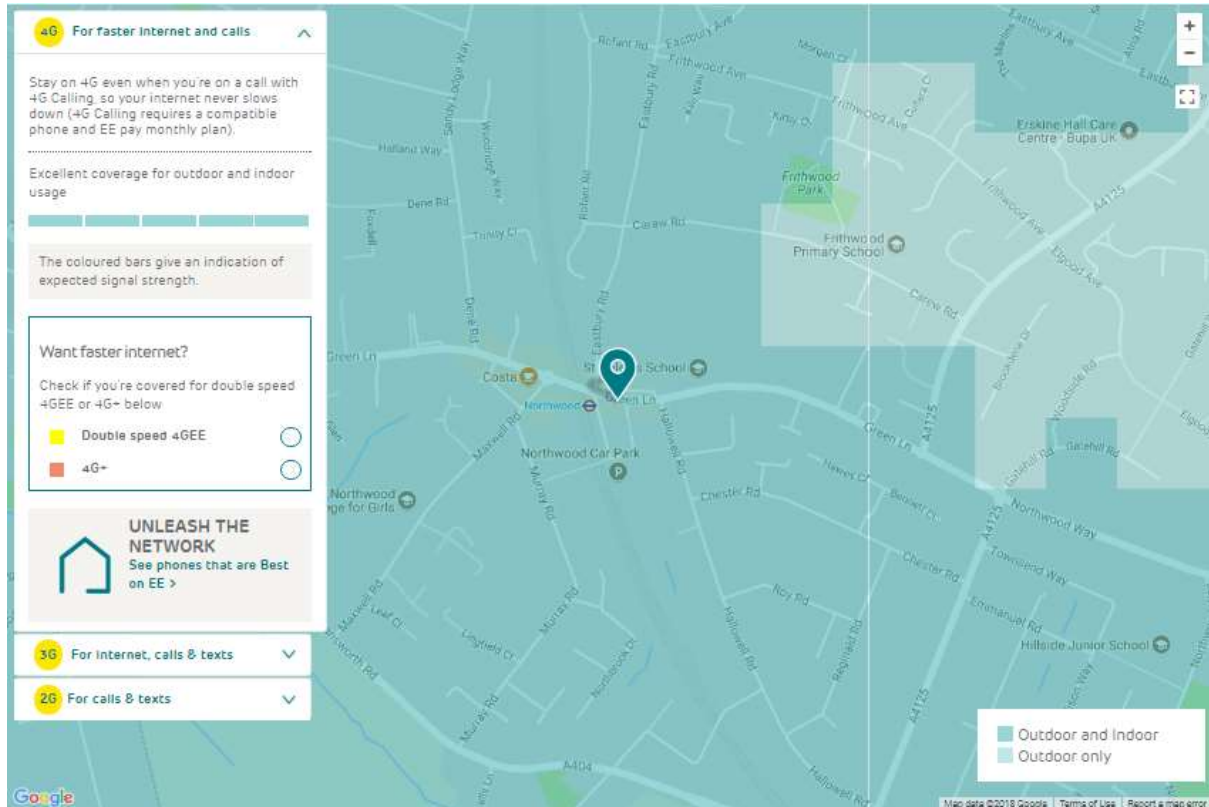
Uninterrupted 230v supply will be required at the camera column, to be in place and ready to connect to our equipment prior to installation

Communications equipment to be stored in IP rated box on camera column

2.4 Internet Connectivity

Installation of 3G router to using 3G communications to connect to our cloud based servers. Routers to be located within IP rated boxes.

All of the UK network providers have excellent coverage in this area with EE being our preferred network.



2.5 Whitelisting

Whitelisting for staff will be added from a computer instore.

2.6 Signs

Waitrose branded signage to be installed.

The current BPA entrance sign will have to be amended to reflect that ANPR is now in operation.

Further signage located around the car park should reflect the maximum stay allowance.

2.7 Lead Times

Below are the lead times from the contract being signed and returned to the installation and go live of the system

Item	Time
Communications	1 week
Installation	6 weeks
Equipment	6 weeks

2.8 Equipment List

All equipment to be housed within IP rated boxes located just below the camera on the columns proposed at between 4-4.5m from ground level.

ITEM	Quantity
ANPR Cameras (single lane with associated brackets and power supply's)	2
IP rated box (with associated electrical equipment)	2
Router	1
Point to Point Link	1
Anti-Climb	1
Camera column	1

3 Work required by client prior to installation

Column installed at indicated location.

Power confirmed at camera column location.

Signage to be installed/amended.