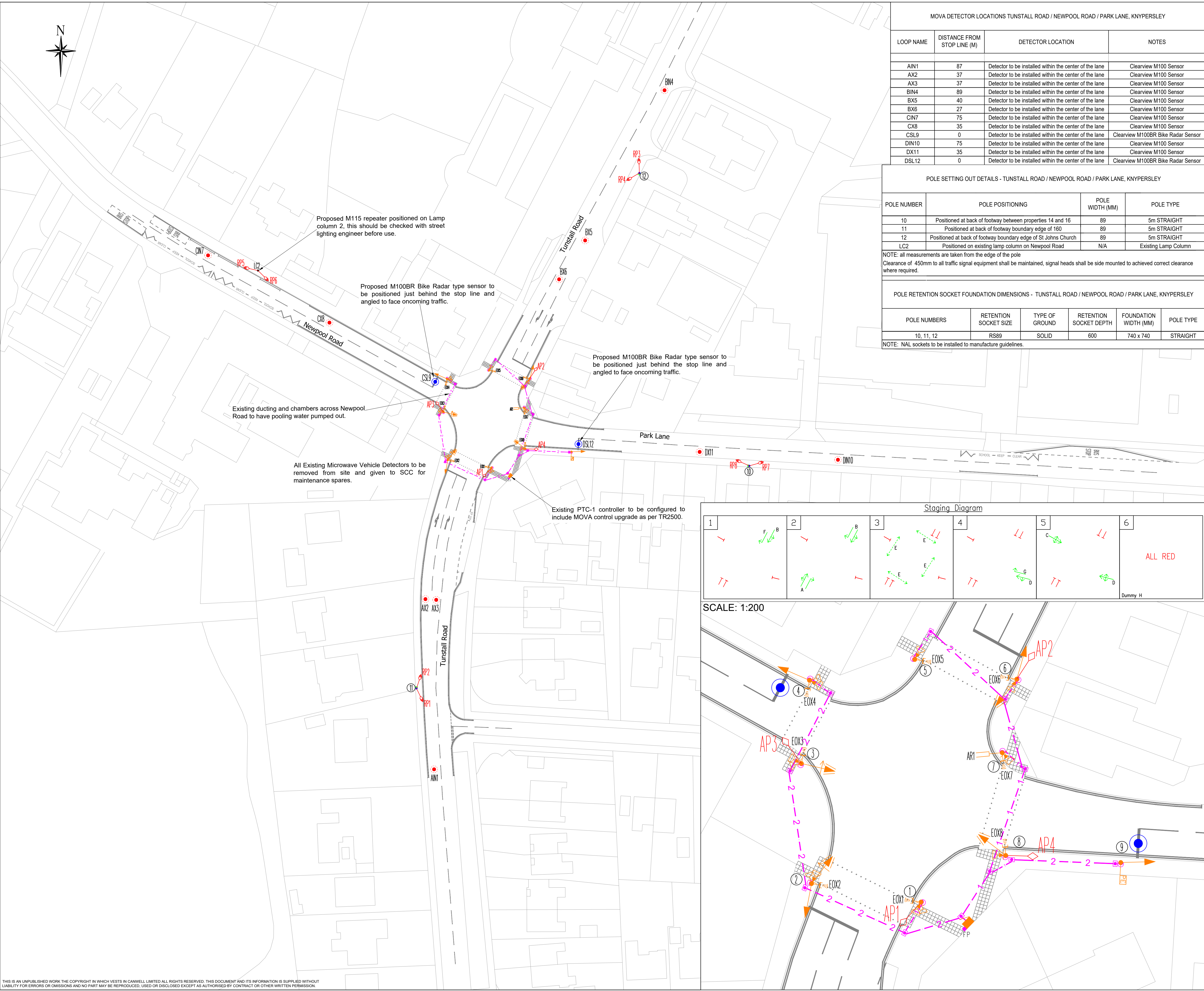




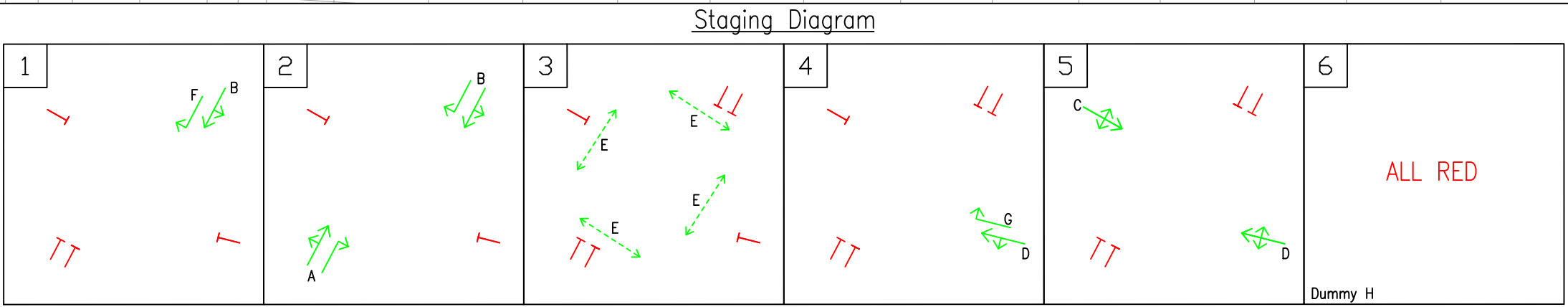
MOVA DETECTOR LOCATIONS TUNSTALL ROAD / NEWPOOL ROAD / PARK LANE, KNYPERSLEY			
LOOP NAME	DISTANCE FROM STOP LINE (M)	DETECTOR LOCATION	NOTES
AIN1	87	Detector to be installed within the center of the lane	Clearview M100 Sensor
AX2	37	Detector to be installed within the center of the lane	Clearview M100 Sensor
AX3	37	Detector to be installed within the center of the lane	Clearview M100 Sensor
BIN4	89	Detector to be installed within the center of the lane	Clearview M100 Sensor
BX5	40	Detector to be installed within the center of the lane	Clearview M100 Sensor
BX6	27	Detector to be installed within the center of the lane	Clearview M100 Sensor
CIN7	75	Detector to be installed within the center of the lane	Clearview M100 Sensor
CX8	35	Detector to be installed within the center of the lane	Clearview M100 Sensor
CSL9	0	Detector to be installed within the center of the lane	Clearview M100BR Bike Radar Sensor
DIN10	75	Detector to be installed within the center of the lane	Clearview M100 Sensor
DX11	35	Detector to be installed within the center of the lane	Clearview M100 Sensor
DSL12	0	Detector to be installed within the center of the lane	Clearview M100BR Bike Radar Sensor

POLE SETTING OUT DETAILS - TUNSTALL ROAD / NEWPOOL ROAD / PARK LANE, KNYPERSLEY			
POLE NUMBER	POLE POSITIONING	POLE WIDTH (MM)	POLE TYPE
10	Positioned at back of footway between properties 14 and 16	89	5m STRAIGHT
11	Positioned at back of footway boundary edge of 160	89	5m STRAIGHT
12	Positioned at back of footway boundary edge of St Johns Church	89	5m STRAIGHT
LC2	Positioned on existing lamp column on Newpool Road	N/A	Existing Lamp Column

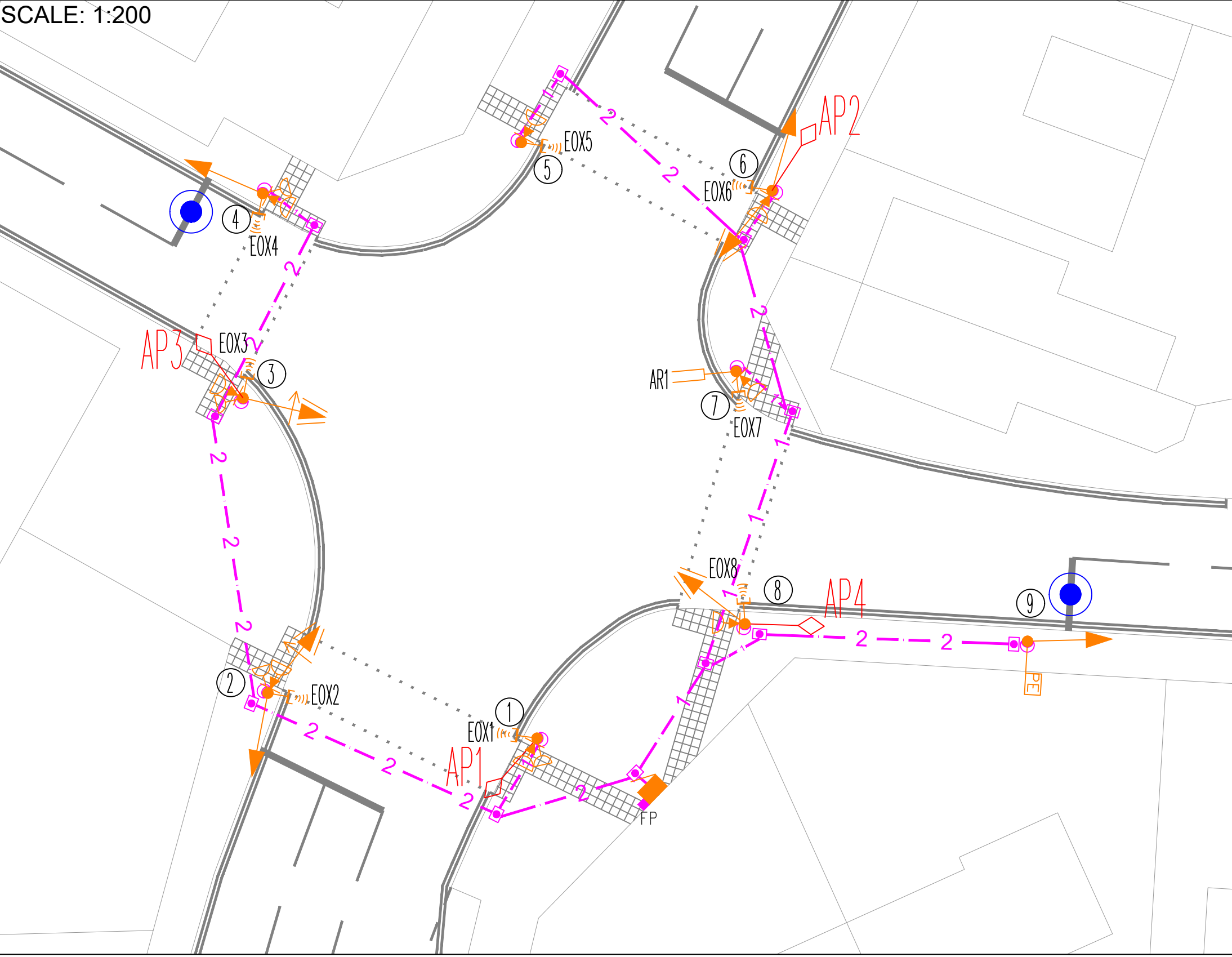
NOTE: all measurements are taken from the edge of the pole
Clearance of 450mm to all traffic signal equipment shall be maintained, signal heads shall be side mounted to achieved correct clearance where required.

POLE RETENTION SOCKET FOUNDATION DIMENSIONS - TUNSTALL ROAD / NEWPOOL ROAD / PARK LANE, KNYPERSLEY					
POLE NUMBERS	RETENTION SOCKET SIZE	TYPE OF GROUND	RETENTION SOCKET DEPTH	FOUNDATION WIDTH (MM)	POLE TYPE
10, 11, 12	RS89	SOLID	600	740 x 740	STRAIGHT

NOTE: NAL sockets to be installed to manufacture guidelines.



SCALE: 1:200



DRAWING N°

C/1729/100

ISSUE

2

KEY:-

●

Existing 4.0m straight signal pole

●

Proposed 5.0m straight 89mm diameter pole

➡

Existing RAG fitted with primary hoods

➡

Existing RAG fitted with secondary hoods

➡

Existing RAG fitted with right green arrow

🔊

Existing combined Puffin nearside indicator with push button indicator fitted with tactile and audio devices

🔊

Existing High level Puffin nearside indicator

🚦

Existing ELV PTC-1 traffic signal controller

🔌

Existing Electricity Supply Feeder Pillar

🔴

Proposed M100 Magnetometer Clearview Sensor secured in place with Clearview resin

🔵

Proposed M100BR Clearview Bike Radar Sensor secured in place with Clearview resin, sensor needs to be mounted as close to the surface as possible

🔗

M110 Clearview Access Point cabled back to M120 detector card via Cat5e cable

🔗

M115 Clearview Repeater

📷

Existing Photo cell

🚶

Existing on crossing detector

🚶

Existing All Red detector

📡

Existing duct chamber

📡

X No. assume existing orange ducts

📡

Proposed pole and RS89 NAL retention socket installed as per setting out table

📡

Existing pole and RS114 NAL retention socket

TRAFFIC SIGNAL NOTES

1. Carriageway markings are existing.

2. New poles should be grey in colour and labelled as per Staffordshire County Council (SCC) requirements.

3. Correct camera brackets shall be installed so no above ground detector is blocked by the signal head or its associated backing board.

4. All magnetometers must have a minimum clearance to any existing or proposed metalwork of at least 0.5m.

5. All proposed M110 Access Points will require Cat5e cables back to M120 detector cards within the controller.

6. M100BR Bicycle Radar Sensors need to be installed as close to the surface as possible as sensor is radar type detects approaching cyclists and vehicles.

7. Existing Chameleon unit updated to provide MOVA control for one stream including MOVA licence.

DO NOT SCALE

2

MVD's, phase A and B cycle detection removed.

JPS

LC

15.06.21

ISSUE

DESCRIPTION

DRN

CHK

DATE

Canwell

Consulting services

CLIENT

DYNNIQ UK LTD

SCHEME TITLE

PROPOSED TRAFFIC SIGNAL JUNCTION MODIFICATION
A527 TUNSTALL ROAD / NEWPOOL ROAD / PARK LANE
BIDDULPH, STAFFORDSHIRE

DATE: 26/02/21

DRN: JPS

CHKD: LC

SCALE: 1:500 @ A1

Canwell Ltd
Faraday Wharf
Birmingham Science Park
Holt Street
Birmingham, B7 4BB
T: 0121 250 5725
E: enquiries@canwell.co.uk

STATUS: DETAIL DESIGN

DRAWING N°: C/1729/100

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