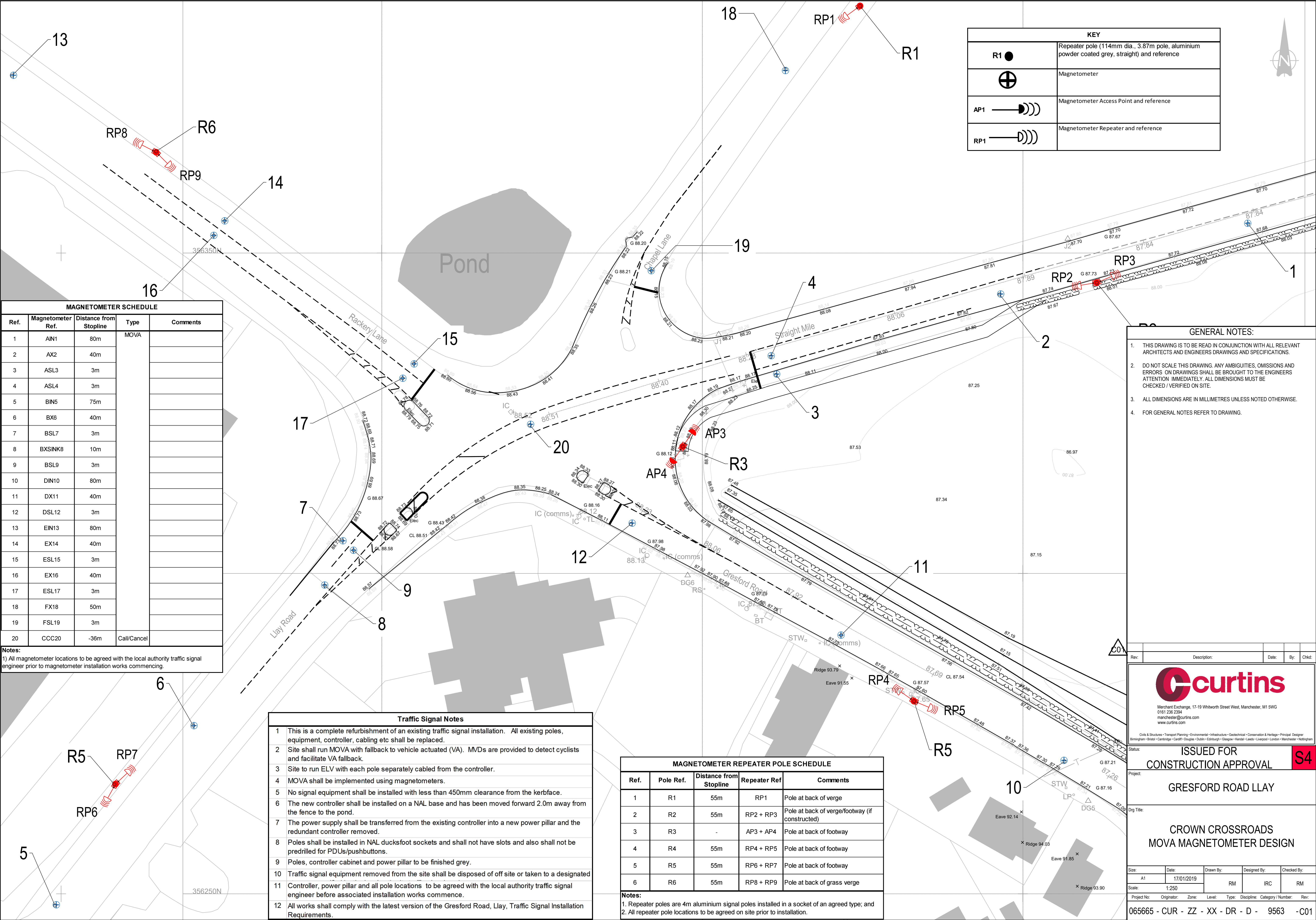




MAGNETOMETER SCHEDULE				
Ref.	Magnetometer Ref.	Distance from Stopline	Type	Comments
1	AIN1	80m	MOVA	
2	AX2	40m		
3	ASL3	3m		
4	ASL4	3m		
5	BIN5	75m		
6	BX6	40m		
7	BSL7	3m		
8	BXSINK8	10m		
9	BSL9	3m		
10	DIN10	80m		
11	DX11	40m		
12	DSL12	3m		
13	EIN13	80m		
14	EX14	40m		
15	ESL15	3m		
16	EX16	40m		
17	ESL17	3m		
18	FX18	50m		
19	FSL19	3m		
20	CCC20	-36m	Call/Cancel	

Notes:
1) All magnetometer locations to be agreed with the local authority traffic signal engineer prior to magnetometer installation works commencing.

Traffic Signal Notes	
1	This is a complete refurbishment of an existing traffic signal installation. All existing poles, equipment, controller, cabling etc shall be replaced.
2	Site shall run MOVA with fallback to vehicle actuated (VA). MVDs are provided to detect cyclists and facilitate VA fallback.
3	Site to run ELV with each pole separately cabled from the controller.
4	MOVA shall be implemented using magnetometers.
5	No signal equipment shall be installed with less than 450mm clearance from the kerbface.
6	The new controller shall be installed on a NAL base and has been moved forward 2.0m away from the fence to the pond.
7	The power supply shall be transferred from the existing controller into a new power pillar and the redundant controller removed.
8	Poles shall be installed in NAL ducksfoot sockets and shall not have slots and also shall not be predrilled for PDUs/pushbuttons.
9	Poles, controller cabinet and power pillar to be finished grey.
10	Traffic signal equipment removed from the site shall be disposed of off site or taken to a designated
11	Controller, power pillar and all pole locations to be agreed with the local authority traffic signal engineer before associated installation works commence.
12	All works shall comply with the latest version of the Gresford Road, Llay, Traffic Signal Installation Requirements.

MAGNETOMETER REPEATER POLE SCHEDULE				
Ref.	Pole Ref.	Distance from Stopline	Repeater Ref	Comments
1	R1	55m	RP1	Pole at back of verge
2	R2	55m	RP2 + RP3	Pole at back of verge/footway (if constructed)
3	R3	-	AP3 + AP4	Pole at back of footway
4	R4	55m	RP4 + RP5	Pole at back of footway
5	R5	55m	RP6 + RP7	Pole at back of footway
6	R6	55m	RP8 + RP9	Pole at back of grass verge

Notes:
1. Repeater poles are 4m aluminium signal poles installed in a socket of an agreed type; and
2. All repeater pole locations to be agreed on site prior to installation.

KEY	
R1 ●	Repeater pole (114mm dia., 3.87m pole, aluminium powder coated grey, straight) and reference
⊕	Magnetometer
AP1 — D)))	Magnetometer Access Point and reference
RP1 — D)))	Magnetometer Repeater and reference

- GENERAL NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - FOR GENERAL NOTES REFER TO DRAWING.

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Size: A1

Date: 17/01/2019

Drawn By: RM

Designed By: IRC

Checked By: RM

Scale: 1:250

Project No: 065665 - CUR - ZZ - XX - DR - D - 9563 -C01

Originator: Zone: Level: Type: Discipline: Category / Number: Rev:

ISSUED FOR CONSTRUCTION APPROVAL

S4

GRESFORD ROAD LLAY

CROWN CROSSROADS
MOVA MAGNETOMETER DESIGN

U:\m02\Projects\065665 - The Arkle, Dashed\QMS 4 Production\B Models & Drawings - C04-C0401