NOTES:

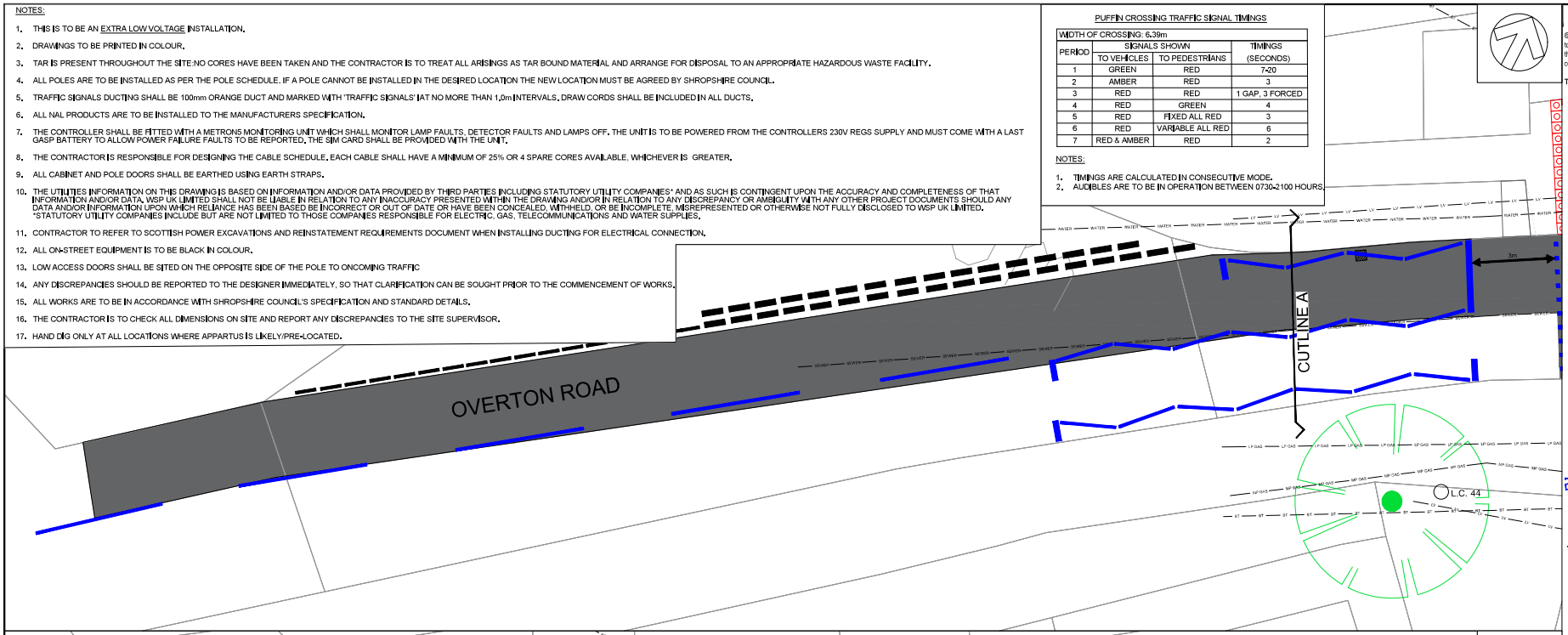
1. THIS IS TO BE AN EXTRA LOW VOLTAGE INSTALLATION.
2. DRAWINGS TO BE PRINTED IN COLOUR.
3. TAR IS PRESENT THROUGHOUT THE SITE:NO CORES HAVE BEEN TAKEN AND THE CONTRACTOR IS TO TREAT ALL ARISINGS AS TAR BOUND MATERIAL AND ARRANGE FOR DISPOSAL TO AN APPROPRIATE HAZARDOUS WASTE FACILITY.
4. ALL POLES ARE TO BE INSTALLED AS PER THE POLE SCHEDULE. IF A POLE CANNOT BE INSTALLED IN THE DESIRED LOCATION THE NEW LOCATION MUST BE AGREED BY SHROPSHIRE COUNCIL.
5. TRAFFIC SIGNALS DUCTING SHALL BE 100mm ORANGE DUCT AND MARKED WITH 'TRAFFIC SIGNALS' IAT NO MORE THAN 1.0m INTERVALS. DRAW CORDS SHALL BE INCLUDED IN ALL DUCTS.
6. ALL NAL PRODUCTS ARE TO BE INSTALLED TO THE MANUFACTURERS SPECIFICATION.
7. THE CONTROLLER SHALL BE FITTED WITH A METRONS MONITORING UNIT WHICH SHALL MONITOR LAMP FAULTS, DETECTOR FAULTS AND LAMPS OFF. THE UNIT IS TO BE POWERED FROM THE CONTROLLERS 230V REGS SUPPLY AND MUST COME WITH A LAST GASP BATTERY TO ALLOW POWER FAILURE FAULTS TO BE REPORTED. THE SIM CARD SHALL BE PROVIDED WITH THE UNIT.
8. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING THE CABLE SCHEDULE. EACH CABLE SHALL HAVE A MINIMUM OF 25% OR 4 SPARE CORES AVAILABLE, WHICHEVER IS GREATER.
9. ALL CABINET AND POLE DOORS SHALL BE EARTHED USING EARTH STRAPS.
10. THE UTILITIES INFORMATION ON THIS DRAWING IS BASED ON INFORMATION AND/OR DATA PROVIDED BY THIRD PARTIES INCLUDING STATUTORY UTILITY COMPANIES* AND AS SUCH IS CONTINGENT UPON THE ACCURACY AND COMPLETENESS OF THAT INFORMATION AND/OR DATA. WSP UK LIMITED SHALL NOT BE LIABLE IN RELATION TO ANY INACCURACY PRESENTED WITHIN THE DRAWING AND/OR IN RELATION TO ANY DISCREPANCY OR AMBIGUITY WITH ANY OTHER PROJECT DOCUMENTS SHOULD ANY DATA AND/OR INFORMATION UPON WHICH RELIANCE HAS BEEN BASED BE INCORRECT OR OUT OF DATE OR HAVE BEEN CONCEALED, WITHHELD, OR BE INCOMPLETE, MISREPRESENTED OR OTHERWISE NOT FULLY DISCLOSED TO WSP UK LIMITED. *STATUTORY UTILITY COMPANIES INCLUDE BUT ARE NOT LIMITED TO THOSE COMPANIES RESPONSIBLE FOR ELECTRIC, GAS, TELECOMMUNICATIONS AND WATER SUPPLIES.
11. CONTRACTOR TO REFER TO SCOTTISH POWER EXCAVATIONS AND REINSTATEMENT REQUIREMENTS DOCUMENT WHEN INSTALLING DUCTING FOR ELECTRICAL CONNECTION.
12. ALL ON-STREET EQUIPMENT IS TO BE BLACK IN COLOUR.
13. LOW ACCESS DOORS SHALL BE SITED ON THE OPPOSITE SIDE OF THE POLE TO ONCOMING TRAFFIC
14. ANY DISCREPANCIES SHOULD BE REPORTED TO THE DESIGNER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORKS.
15. ALL WORKS ARE TO BE IN ACCORDANCE WITH SHROPSHIRE COUNCIL'S SPECIFICATION AND STANDARD DETAILS.
16. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE SITE SUPERVISOR.
17. HAND DIG ONLY AT ALL LOCATIONS WHERE APPARTUS IS LIKELY/PRE-LOCATED.

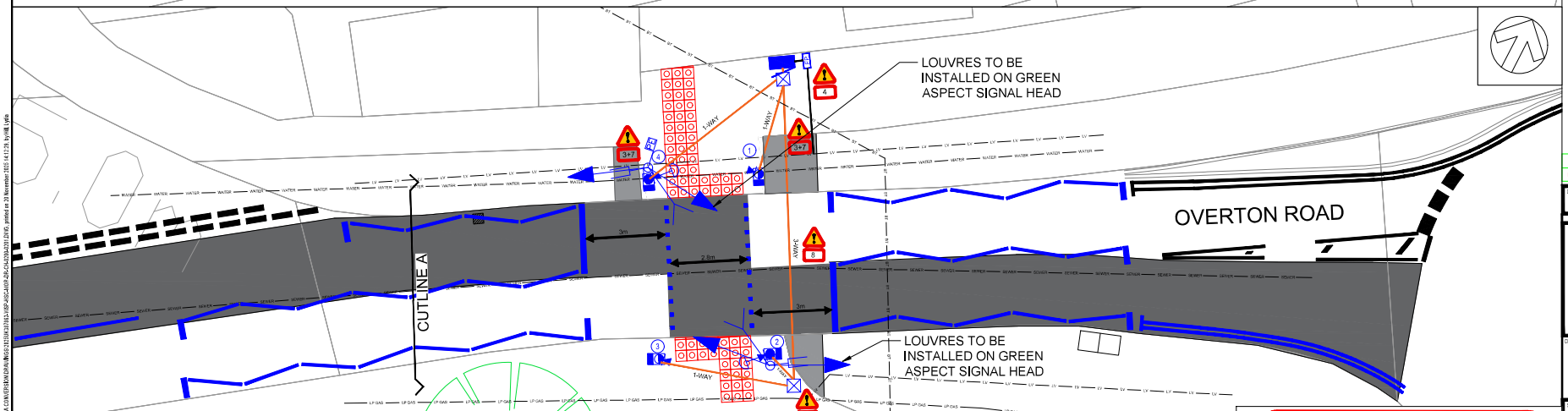
PUFFIN CROSSING TRAFFIC SIGNAL TIMINGS

WIDTH OF CROSSING: 6.39m			
PERIOD	SIGNALS SHOWN		TIMINGS (SECONDS)
	TO VEHICLES	TO PEDESTRIANS	
1	GREEN	RED	7-20
2	AMBER	RED	3
3	RED	RED	1 GAP, 3 FORCED
4	RED	GREEN	4
5	RED	FIXED ALL RED	3
6	RED	VARIABLE ALL RED	6
7	RED & AMBER	RED	2

NOTES:

1. TIMINGS ARE CALCULATED IN CONSECUTIVE MODE.
2. AUDIBLES ARE TO BE IN OPERATION BETWEEN 0730-2100 HOURS.





POLE, SOCKET TYPE & SETTING OUT DETAILS

POLE NUMBER	POLE TYPE	DISTANCE - POLE FACE TO TACTILES	DISTANCE - POLE FACE TO KERB FACE	NAL SOCKET TYPE
1	2.5m STUB	600	500	RS115 DF
2	4m CRANKED	600	500	RS115 DF
3	2.5m STUB	600	500	RS115 DF
4	4m CRANKED	600	500	RS115 DF

RESIDUAL DESIGN HAZARDS

INDICATES A RESIDUAL RISK AS A WARNING

HAZARD NO.S
1. LIVE TRAFFIC
2. PEDESTRIAN MOVEMENTS
3. UNDERGROUND LV SERVICES
4. UNDERGROUND BT SERVICES
5. UNDERGROUND LP GAS MAIN
6. UNDERGROUND MP GAS MAIN
7. UNDERGROUND WATER MAIN
8. UNDERGROUND SEWER MAIN
9. TREE ROOTS

1+2 AT ALL LOCATIONS OF TRAFFIC SIGNAL INSTALLATION

DO NOT SCALE

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TRAFFIC SIGNALS KEY:

- PROPOSED 100mm x 100mm ALUMINIUM RIBBED STUDS.
- PROPOSED PASSIVELY SAFE CRANKED 4M POLE WITH LOW LEVEL ENCLOSURE.
- PROPOSED PASSIVELY SAFE 2.5M STUB POLE.
- PROPOSED SIGNAL HEAD WITH PRIMARY HOODS.
- PROPOSED ONCROSSING DETECTOR.
- PROPOSED COMBINED PUFFIN NDU/PB UNIT INCLUDING ROTATING TACTILE CONE, AUDIBLE UNIT AND **SMARTCROSS HANDS-FREE UNIT.**
- PROPOSED PEDESTRIAN DEMAND UNIT INCLUDING ROTATING TACTILE CONE AND **SMARTCROSS HANDS-FREE UNIT.**
- PROPOSED MICROWAVE VEHICLE DETECTOR.
- PROPOSED PTC-1 LITE CONTROLLER AND NAL BASE/PLINTH.
- PROPOSED (ELV) SOLAR CELL.
- PROPOSED 50mm BLACK DUCTING.
- PROPOSED POLE RETENTION SOCKET.
- PROPOSED TRAFFIC SIGNALS DUCTING.
- PROPOSED 450mm x 450mm TRAFFIC SIGNALS CHAMBER.
- PROPOSED FEEDER PILLAR WITH SINGLE FUSE DPI.
- PROPOSED CONTROLLED AREA MARKINGS TO DIAG. 1001.3 OF THE TSRGD2016 AND 200mm WIDE STOP LINE TO DIAG. 1001 OF THE TSRGD2016.
- PROPOSED 100mm DOUBLE YELLOW MARKINGS TO DIAG. 1018.1 OF THE TSRGD2016.
- PROPOSED 100mm WIDE 4m WARNING MARKINGS WITH 2m GAP TO DIAGRAM 1004 OF THE TSRGD2016
- PROPOSED FULL FOOTWAY CONSTRUCTION WITH 100MM TYPE 1 SUB-BASE, 50MM AC20 DENSE BIN 100 / 150 PEN AND 20MM AC6 DENSE SURF 100/ 150 PEN.
- PROPOSED DARK GREY HIGH FRICTION SURFACING 50m IN ADVANCE OF STOP LINE ON EASTBOUND APPROACH AND 20m IN ADVANCE OF STOP LINE ON WESTBOUND APPROACH.
- POLE REFERENCE NUMBER.
- EXISTING TACTILE PAVING.
- EXISTING TREE.
- EXISTING LIGHTING COLUMN.
- EXISTING LINING.
- EXISTING GULLY.

REV	DATE	BY	DESCRIPTION	CHK	APP
P01	20/11/2025	LKH	FIRST ISSUE	MB	JU

DRAWING STATUS: S3 - FOR REVIEW

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CLIENT: Shropshire Council

SITE/PROJECT: S1100 OVERTON ROAD ST MARTIN'S ZEBRA TO PUFFIN CONVERSION

TITLE: GENERAL ARRANGEMENT

SCALE @ A1	CHECKED	APPROVED
1:100	MB	JU

PROJECT NO	DESIGNED	DRAWN	DATE
UK0028247.9329	LKH	LKH	November 25

DRAWING No: UK0028247.9329-WSP-HSN-OR-DR-CH-1200-1201 REV: P01

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