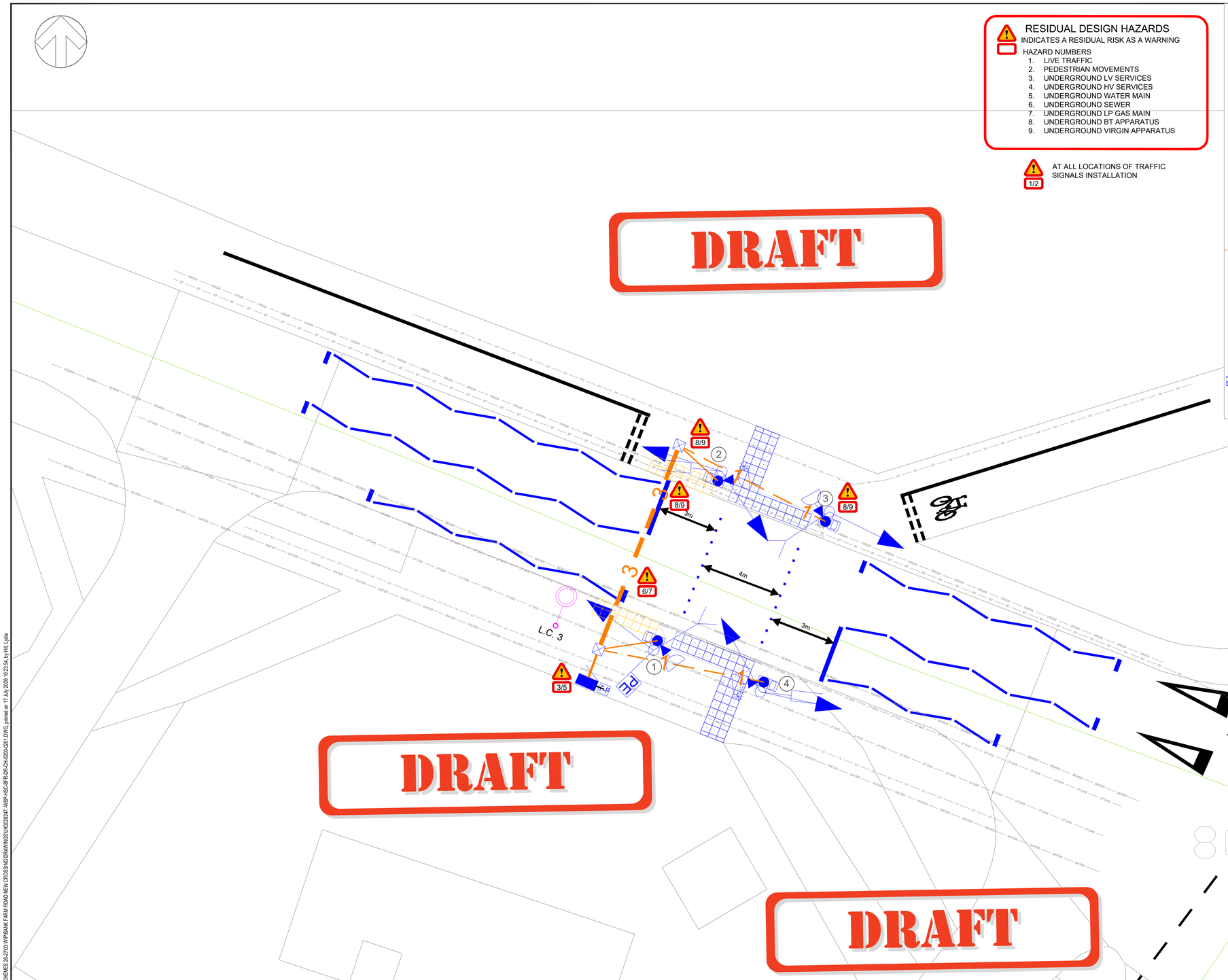

RESIDUAL DESIGN HAZARDS

INDICATES A RESIDUAL RISK AS A WARNING

HAZARD NUMBERS

1. LIVE TRAFFIC
2. PEDESTRIAN MOVEMENTS
3. UNDERGROUND LV SERVICES
4. UNDERGROUND HV SERVICES
5. UNDERGROUND WATER MAIN
6. UNDERGROUND SEWER
7. UNDERGROUND LP GAS MAIN
8. UNDERGROUND BT APPARATUS
9. UNDERGROUND VIRGIN APPARATUS

1/2 AT ALL LOCATIONS OF TRAFFIC SIGNALS INSTALLATION

TRAFFIC SIGNALS KEY:

- PROPOSED PTC-1 CONTROLLER WITH BASE AND PLINTH
- PROPOSED FEEDER PILLAR
- PROPOSED 4m CRANKED PASSIVELY SAFE TRAFFIC SIGNAL POLE WITH LOW LEVEL TERMINATIONS
- POLE REFERENCE NUMBER
- PROPOSED RAG SIGNAL HEAD AND PRIMARY HOODS
- PROPOSED ON CROSSING DETECTOR
- PROPOSED MICROWAVE VEHICLE DETECTOR
- PROPOSED SOLAR CELL
- PROPOSED COMBINED TOUCAN NDU/PB UNIT INCLUDING SMARTCROSS UNIT
- PROPOSED TACTILE CONE
- PROPOSED DUCTING (1-WAY UNLESS STATED OTHERWISE)
- PROPOSED 450mm x 450mm CHAMBER COVER AND FRAME
- PROPOSED 50mm BLACK DUCTING
- PROPOSED POLE RETENTION SOCKET
- PROPOSED 400mm x 400mm TACTILE PAVING
- PROPOSED 100mm x 100mm ALUMINIUM RIBBED STUDS
- PROPOSED CONTROLLED AREA MARKINGS TO DIAG. 1001.3 OF THE TSRGD2016
- EXISTING LIGHTING COLUMN

DO NOT SCALE

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TRAFFIC SIGNALS NOTES:

1. LOCATION - BANK FARM ROAD, SHREWSBURY, SY3 6AX (348086 , 310983)
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT WORKS INFORMATION.
3. DRAWING TO BE PRINTED IN COLOUR.
4. ANY DISCREPANCIES SHOULD BE REPORTED TO THE DESIGNER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORKS.
5. ALL WORKS ARE TO BE IN ACCORDANCE WITH SHROPSHIRE COUNCIL'S SPECIFICATION AND STANDARD DETAILS.
6. 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WITH ANY OTHER PROJECT DOCUMENTS SHOULD ANY DATA AND/OR INFORMATION UPON WHICH RELIANCE HAS BEEN BASED BE INCORRECT OR OUT OF DATE OR HAVE BEEN CONCEALED, WITHHELD, OR BE INCOMPLETE, MISREPRESENTED OR OTHERWISE NOT FULLY DISCLOSED TO WSP UK LIMITED.*STATUTORY UTILITY COMPANIES INCLUDE BUT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
7. THE CONTRACTOR IS TO ESTABLISH ALL UTILITY LOCATIONS AND COORDINATE SAFE WORKING PROCEDURES BEFORE ANY EXCAVATION WORKS TAKE PLACE.
8. THERE IS A SCALING ISSUE WITH KEY SIGNALS SYMBOLS. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE AND REPORT ANY DICREPANCIES TO THE SITE SUPERVISOR.
9. 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.
10. THIS IS TO BE AN EXTRA LOW VOLTAGE INSTALLATION.
11. LOW ACCESS DOORS SHALL BE SITED ON THE OPPOSITE SIDE OF THE POLE TO ONCOMING TRAFFIC.
12. ALL SIGNAL POLES AND CABINET DOORS SHALL BE EARTHED USING EARTH STRAPS.
13. ALL ON-STREET EQUIPMENT IS TO BE BLACK.
14. 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.
15. THE CONTROLLER SHALL BE FITTED WITH A METRON5 MONITORING UNIT WHICH SHALL MONITOR LAMP FAULTS, DETECTOR FAULTS AND LAMPS OFF. THE UNIT IS TO BE POWERED FROM THE CONTROLLERS 230V AUX 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.

REV	DATE	BY	DESCRIPTION	CHK	APP
P01	17/07/2026	LH	FIRST ISSUE	MP	JJ

DRAWING STATUS: S0 - WORK IN PROGRESS

DRAFT

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wsp.com

CLIENT: Shropshire Council

ARCHITECT:

SITE/PROJECT:
S
BANK FARM ROAD, SHREWSBURY
NEW TOUCAN CROSSING

TITLE:
GENERAL ARRANGEMENT

SCALE @ A1:	CHECKED:	APPROVED:
1:100	MP	JJ

PROJECT NO:	DESIGNED:	DRAWN:	DATE:	
	LH	LH	JUL 2026	
[illegible]	[illegible]	[illegible]	1:200	REV: P01

DRAFT

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TOUCAN CROSSING TRAFFIC SIGNAL TIMINGS

WIDTH OF CROSSING: 6.6m			
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	4M CRANKED	500	600	RS115 DF
2	4M CRANKED	500	600	RS115 DF
3	4M CRANKED	500	600	RS115 DF
4	4M CRANKED	500	600	RS115 DF

File name Z:\GB\PROJECTS\UK\0028XXX\UK0028247 6365 - BECC23 FF TS CAPITAL – DESIGN SCHEMES 26-27\03 WIP\BANK FARM ROAD NEW CROSSING\DRAWINGS\UK0028247 -WSP-HSC-BFR-DR-CH-02000-0001.DWG, printed on 17 July 2026 10:23:54, by HM, Lydia