

**DO NOT SCALE**

© Crown copyright and database rights 2025 OS (100009887/15). You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-licence, distribute or sell any of this data to third parties in any form.

- TRAFFIC SIGNALS KEY:**
- PROPOSED PTC-1 LITE CONTROLLER
  - PROPOSED FEEDER PILLAR WITH DP1
  - PROPOSED 4m CRANKED TRAFFIC SIGNAL POLE WITH LOW LEVEL TERMINATIONS
  - POLE REFERENCE NUMBER
  - PROPOSED FLAG SIGNAL HEAD AND PRIMARY HOOPS
  - PROPOSED CROSSING DETECTOR
  - PROPOSED SOLAR CELL
  - PROPOSED COMBINED PUFFIN INFO/INCLIPS UNIT INCLUDING ALUBLE UNIT, ROTATING TACTILE CONE AND SMARTCROSS UNIT
  - PROPOSED 100 X 100 ALUMINIUM ALLOY STUDS WITH TEXTURED TOP
  - PROPOSED MICROWAVE VEHICLE DETECTOR
  - PROPOSED 400mm X 400mm RED TACTILE PAVING
  - PROPOSED POLE RETENTION SOCKET
  - PROPOSED 450mm X 450mm CHAMBER
  - PROPOSED 300mm X 300mm CHAMBER
  - PROPOSED DUCTING (AWAY UNLESS STATE OTHERWISE)
  - PROPOSED 50mm BLACK DUCTING
  - PROPOSED FOOTWAY TO BE RESURFACED 20mm OF ACETONE SURF 100/100 PEN TO MATCH CURRENT FOOTWAY LEVELS
  - PROPOSED GREY HIGH FRICTION SURFACING 50M ADVANCE OF STOP LINES

**RESIDUAL DESIGN HAZARDS**

Indicates a Residual Risk as a warning

Hazard Name

1. Pedestrian movements
2. Underground HV services
3. Underground LV services
4. Underground water main
5. Underground sewer main
6. Underground BT apparatus
7. Overhead BT apparatus
8. Overhead LV services
9. Overhead HV services
10. Overhead LV services

**RESIDUAL DESIGN HAZARDS**

Indicates a Residual Risk as a warning

REV	DATE	BY	DESCRIPTION	CHK	APP
01	16/11/2025	MB	PRELIMINARY	JL	BS
02		MB	REVISION	CK	AP

**A - FIT FOR CONSTRUCTION**

Canon Court East, Abbey Lane, Abbey Forge, Shrewsbury, SY2 6EJ, UK  
T: 01753 501000  
www.wsp.co.uk

**Shopshire**  
Sustainable  
Solutions

**PROJECT**

S1097 CHURCH STREET  
RUYTON+TOWNS  
ZEBRA TO PUFFIN UPGRADE

**TITLE**

GENERAL ARRANGEMENT

**SCALE**

1:100

**DATE**

10/02/2025

**PROJECT NO.**

70100644

**CLIENT**

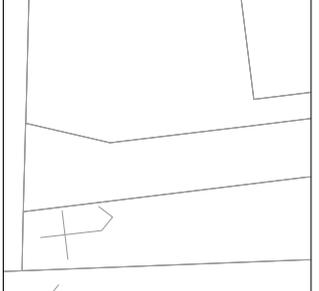
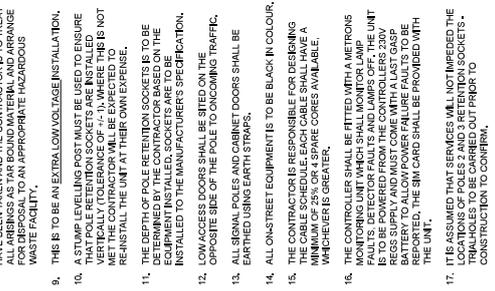
WSP UK Ltd

**TRAFFIC SIGNALS NOTES:**

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT WORKS INFORMATION.
2. DRAWING TO BE PRINTED IN COLOUR.
3. ANY DISCREPANCIES SHOULD BE REPORTED TO THE DESIGNER IMMEDIATELY, SO THAT CLARIFICATION CAN BE OBTAINED PRIOR TO THE COMMENCEMENT OF WORKS.
4. ALL WORKS ARE TO BE IN ACCORDANCE WITH SHROPSHIRE COUNCIL'S SPECIFICATION AND STANDARD DETAILS.
5. INFORMATION ON THE LOCATION OF STATUARY SOURCE MATERIAL, A COPY OF THE SOURCE MATERIAL AND THE DATE OF THE REPRESENTATION OF SERVICES INFORMATION ON THE DRAWING DOES NOT WARRANT THE ACCURACY OF THE SOURCE MATERIAL.
6. THE CONTRACTOR IS TO ESTABLISH ALL UTILITY LOCATIONS PRIOR TO ANY EXCAVATION WORKS TAKE PLACE.
7. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE SITE SUPERVISOR.
8. TARS ARE PRESENT THROUGHOUT THE SITE. NO CORES HAVE BEEN TAKEN AND THE CONTRACTOR IS TO TREAT ALL UNIDENTIFIED TARS AS POTENTIAL HAZARDOUS WASTE FACILITY.
9. THIS IS TO BE AN EXTRA LOW VOLTAGE INSTALLATION.
10. A STUMP LEVELING POST MUST BE USED TO ENSURE THE SIGNALS ARE VERTICALLY ALIGNED TO THE VERTICALLY (TOLERANCE OF +/- 1), WHERE THIS IS NOT MET THE CONTRACTOR WILL BE EXPECTED TO RE-INSTALL THE UNIT AT THEIR OWN EXPENSE.
11. THE DEPTH OF POLE RETENTION SOCKETS IS TO BE DETERMINED BY THE CONTRACTOR BASED ON THE INSTALLATION TO THE MANUFACTURER'S SPECIFICATION.
12. LOW ACCESS DOORS SHALL BE SITED ON THE OPPOSITE SIDE OF THE POLE TO ONCOMING TRAFFIC.
13. ALL SIGNAL POLES AND CABINET DOORS SHALL BE PAINTED USING EARTH STRIPS.
14. ALL ON-STREET EQUIPMENTS TO BE BLACK IN COLOUR.
15. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING THE CABLE SCHEDULE. EACH CABLE SHALL HAVE A MINIMUM OF TWO WIRE CORES AVAILABLE, WHERE APPROPRIATE.
16. THE CONTROLLER SHALL BE FITTED WITH A METRONS IS TO BE POWERED FROM THE CONTROLLERS 230V SUPPLY. THE CONTRACTOR IS TO PROVIDE A BATTERY TO ALLOW POWER FAILURE FALLS TO BE REPORTED. THE SIM CARD SHALL BE PROVIDED WITH THE UNIT.
17. IT IS ASSUMED THAT SERVICES WILL NOT INTERFERE THE LOCATIONS OF POLES 2 AND 3 RETENTION SOCKETS. CONSTRUCTION TO CONTRARY.

**TRAFFIC SIGNALS NOTES:**

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT WORKS INFORMATION.
2. DRAWING TO BE PRINTED IN COLOUR.
3. ANY DISCREPANCIES SHOULD BE REPORTED TO THE DESIGNER IMMEDIATELY, SO THAT CLARIFICATION CAN BE OBTAINED PRIOR TO THE COMMENCEMENT OF WORKS.
4. ALL WORKS ARE TO BE IN ACCORDANCE WITH SHROPSHIRE COUNCIL'S SPECIFICATION AND STANDARD DETAILS.
5. INFORMATION ON THE LOCATION OF STATUARY SOURCE MATERIAL, A COPY OF THE SOURCE MATERIAL AND THE DATE OF THE REPRESENTATION OF SERVICES INFORMATION ON THE DRAWING DOES NOT WARRANT THE ACCURACY OF THE SOURCE MATERIAL.
6. THE CONTRACTOR IS TO ESTABLISH ALL UTILITY LOCATIONS PRIOR TO ANY EXCAVATION WORKS TAKE PLACE.
7. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE SITE SUPERVISOR.
8. TARS ARE PRESENT THROUGHOUT THE SITE. NO CORES HAVE BEEN TAKEN AND THE CONTRACTOR IS TO TREAT ALL UNIDENTIFIED TARS AS POTENTIAL HAZARDOUS WASTE FACILITY.
9. THIS IS TO BE AN EXTRA LOW VOLTAGE INSTALLATION.
10. A STUMP LEVELING POST MUST BE USED TO ENSURE THE SIGNALS ARE VERTICALLY ALIGNED TO THE VERTICALLY (TOLERANCE OF +/- 1), WHERE THIS IS NOT MET THE CONTRACTOR WILL BE EXPECTED TO RE-INSTALL THE UNIT AT THEIR OWN EXPENSE.
11. THE DEPTH OF POLE RETENTION SOCKETS IS TO BE DETERMINED BY THE CONTRACTOR BASED ON THE INSTALLATION TO THE MANUFACTURER'S SPECIFICATION.
12. LOW ACCESS DOORS SHALL BE SITED ON THE OPPOSITE SIDE OF THE POLE TO ONCOMING TRAFFIC.
13. ALL SIGNAL POLES AND CABINET DOORS SHALL BE PAINTED USING EARTH STRIPS.
14. ALL ON-STREET EQUIPMENTS TO BE BLACK IN COLOUR.
15. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING THE CABLE SCHEDULE. EACH CABLE SHALL HAVE A MINIMUM OF TWO WIRE CORES AVAILABLE, WHERE APPROPRIATE.
16. THE CONTROLLER SHALL BE FITTED WITH A METRONS IS TO BE POWERED FROM THE CONTROLLERS 230V SUPPLY. THE CONTRACTOR IS TO PROVIDE A BATTERY TO ALLOW POWER FAILURE FALLS TO BE REPORTED. THE SIM CARD SHALL BE PROVIDED WITH THE UNIT.
17. IT IS ASSUMED THAT SERVICES WILL NOT INTERFERE THE LOCATIONS OF POLES 2 AND 3 RETENTION SOCKETS. CONSTRUCTION TO CONTRARY.



**PUFFIN TIMINGS**

PERIOD	SIGNALS SHOWN TO VEHICLES TO PEDESTRIANS	TIMINGS (SECS)
1	GREEN	7-20
2	AMBER	RED MAN 3
3	RED	RED MAN 3
4	RED	GREEN MAN 7
5	RED	FIXED ALL RED 3
6	RED & AMBER	VARIABLE ALL RED 5
7	RED & AMBER	RED MAN 2

**POLE SOCKET TYPE & SETTING OUT DETAILS**

POLE NUMBER	POLE TYPE	DISTANCE - POLE FACE TO TACTILES	POLE FACE DISTANCE - POLE FACE TO KERB FACE	SOCKET TYPE
1	4m CRANK	500	AT BACK OF FOOTWAY	RS115DF
2	4m CRANK	500	AT BACK OF FOOTWAY	RS115DF

