

- TRAFFIC SIGNALS KEY:**
- PROPOSED PTC-1 LITE CONTROLLER
 - PROPOSED FEEDER PILLAR WITH DPI
 - PROPOSED 4m CRANKED PASSIVELY SAFE TRAFFIC SIGNAL POLE WITH LOW LEVEL TERMINATIONS
 - PROPOSED 2.5m STUB PASSIVELY SAFE TRAFFIC SIGNAL POLE
 - POLE REFERENCE NUMBER
 - PROPOSED RAG SIGNAL HEAD AND PRIMARY HOOPS
 - PROPOSED ON CROSSING DETECTOR
 - PROPOSED SOLAR CELL
 - PROPOSED COMBINED TOUCAN NDU/PB UNIT INCLUDING ROTATING TACTILE CONE AND SMARTCROSS UNIT
 - PROPOSED 100 X 100 ALUMINIUM ALLOY STUDS WITH TEXTURED TOP
 - PROPOSED MICROWAVE VEHICLE DETECTOR
 - PROPOSED WIRELESS MAGNETOMETER
 - PROPOSED WIRELESS REPEATER UNIT
 - PROPOSED WIRELESS ACCESS POINT
 - PROPOSED DUCTING
 - PROPOSED 50mm BLACK DUCTING
 - PROPOSED 450mm X 450mm CHAMBER
 - PROPOSED BULL NOSE KERBS WITH 6mm UPSTANDS
 - PROPOSED HALF BATTER DROPPER KERBS
 - PROPOSED HALF BATTER KERBS
 - PROPOSED POLE RETENTION SOCKETS
 - PROPOSED FOOTWAY TO BE RESURFACED/REGULATED WITH 150MM OF TYPE-1 SUB-BASE, AC20 DENSE BIN 100/150 PEN AND 20MM OF AC6 DENSE SURF 100/150 PEN TO MATCH CURRENT FOOTWAY LEVELS
 - PROPOSED GREY HIGH FRICTION SURFACING 64m IN ADVANCE OF EASTBOUND STOP LINE AND 74m IN ADVANCE OF WESTBOUND STOP LINE
 - PROPOSED 400mm X 400mm RED TACTILE PAVING
 - PROPOSED ROAD MARKINGS

DO NOT SCALE

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- TRAFFIC SIGNALS NOTES:**
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT WORKS INFORMATION.
 - DRAWING TO BE PRINTED IN COLOUR.
 - ANY DISCREPANCIES SHOULD BE REPORTED TO THE DESIGNER IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORKS.
 - ALL WORKS ARE TO BE IN ACCORDANCE WITH SHROPSHIRE COUNCIL'S SPECIFICATION AND STANDARD DETAILS.
 - INFORMATION ON THE LOCATION OF STATUTORY UNDERTAKERS PLANT IS ONLY AS ACCURATE AS THE SOURCE MATERIAL. A COPY OF THE SOURCE MATERIAL IS SUPPLIED TO THOSE USING THIS DRAWING OR UNDERTAKING CONSTRUCTION. THE REPRESENTATION OF SERVICES INFORMATION ON THIS DRAWING DOES NOT WARRANT THE ACCURACY OF THE SOURCE MATERIAL.
 - THE CONTRACTOR IS TO ESTABLISH ALL UTILITY LOCATIONS AND COORDINATE SAFE WORKING PROCEDURES BEFORE ANY EXCAVATION WORKS TAKE PLACE.
 - THE CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE SITE SUPERVISOR.
 - TAR IS PRESENT THROUGHOUT THE SITE: NO CORES HAVE BEEN TAKEN AND THE CONTRACTOR IS TO TREAT ALL ARISING AS TAR BOUND MATERIAL AND ARRANGE FOR DISPOSAL TO AN APPROPRIATE HAZARDOUS WASTE FACILITY.
 - THIS IS TO BE AN EXTRA LOW VOLTAGE INSTALLATION.
 - A STUMP LEVELLING POST MUST BE USED TO ENSURE THAT POLE RETENTION SOCKETS ARE INSTALLED VERTICALLY (TOLERANCE OF +1). WHERE THIS IS NOT MET THE CONTRACTOR WILL BE EXPECTED TO RE-INSTALL THE UNIT AT THEIR OWN EXPENSE.
 - THE DEPTH OF POLE RETENTION SOCKETS IS TO BE DETERMINED BY THE CONTRACTOR BASED ON THE EQUIPMENT INSTALLED. SOCKETS ARE TO BE INSTALLED TO THE MANUFACTURERS SPECIFICATION.
 - LOW ACCESS DOORS SHALL BE SITED ON THE OPPOSITE SIDE OF THE POLE TO ONCOMING TRAFFIC.
 - ALL SIGNAL POLES AND CABINET DOORS SHALL BE EARTHED USING EARTH STRAPS.
 - ALL ON-STREET EQUIPMENT IS TO BE BLACK.
 - 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.
 - THE CONTROLLER SHALL BE FITTED WITH A METRON4 MONITORING UNIT WHICH SHALL MONITOR LAMP FAILURES, DETECTOR FAILURES 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 FAILURES TO BE REPORTED. THE SIM CARD SHALL BE PROVIDED WITH THE UNIT.
 - IT IS ASSUMED THAT SERVICES WILL NOT IMPEDE THE POLE 2 AND 3 POLE RETENTION SOCKET LOCATIONS - TRIALHOLES TO BE CARRIED OUT PRIOR TO CONSTRUCTION TO CONFIRM.

COI	08/11/2024	MB	ISSUE FOR CONSTRUCTION	JU	BS
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: **A - FIT FOR CONSTRUCTION**

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CLIENT:

ARCHITECT:

SITE/PROJECT: **S7147 OXBOW CROSSING OTELEY ROAD, SHREWSBURY NEW TOUCAN**

TITLE: **GENERAL ARRANGEMENT**

SCALE @ A1:	CHECKED:	APPROVED:
AS SHOWN	JU	BS

PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70110139	MB	MB	Nov - 2024

DRAWING NO:	REV:
70110139-WSP-HSN-OC-DR-CH-1200-1201	C01

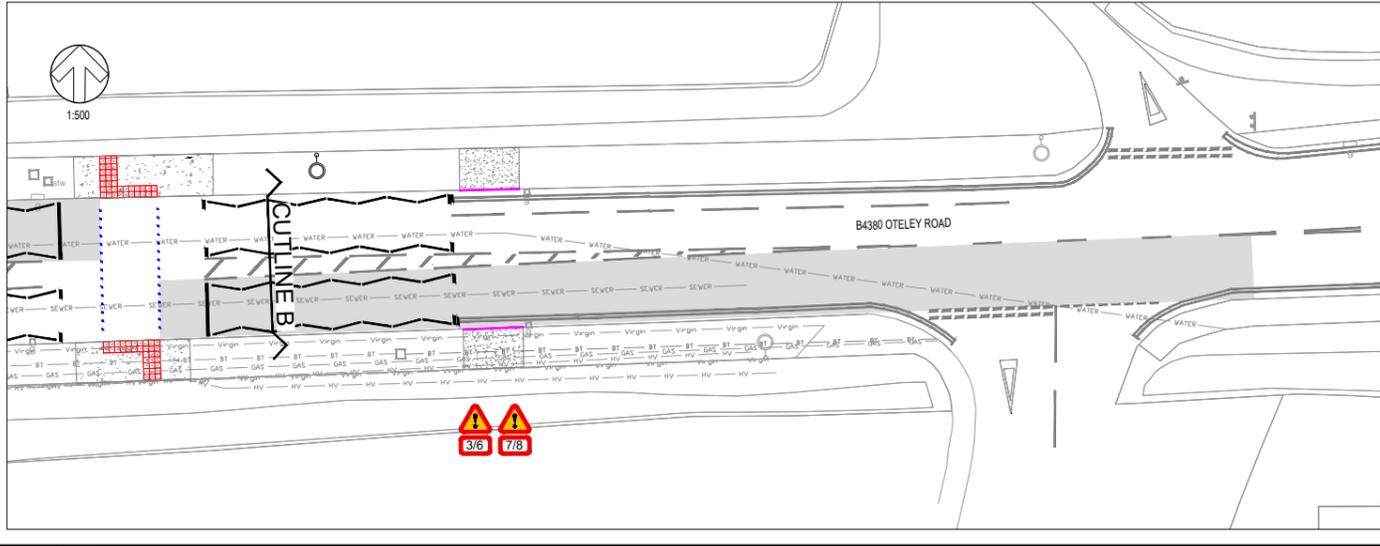
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POLE, SOCKET TYPE & SETTING OUT DETAILS

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

TOUCAN TIMINGS

LOCATION: OTELEY ROAD, SHREWSBURY			TYPE: TOUCAN CONTROLLER
WIDTH OF CROSSING: 10.2m			
PERIOD	SIGNALS SHOWN		TIMINGS (SECS)
	TO VEHICLES	TO PEDS/CYCLES	
1	GREEN	RED	7-20
2	AMBER	RED	3
3	RED	RED	3
4	RED	GREEN	7
5	RED	FIXED ALL RED	3
6	RED	VARIABLE ALL RED	9
7	RED & AMBER	RED	2



RESIDUAL DESIGN HAZARDS

INDICATES A RESIDUAL RISK AS A WARNING

HAZARD NUMBERS

- LIVE TRAFFIC
- PEDESTRIAN MOVEMENTS
- UNDERGROUND HV SERVICES
- UNDERGROUND WATER MAIN
- UNDERGROUND SEWER
- UNDERGROUND LP GAS MAIN
- UNDERGROUND BT APPARATUS
- UNDERGROUND VIRGIN APPARATUS

AT ALL LOCATIONS OF TRAFFIC SIGNAL EQUIPMENT INSTALLATION

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