



DESIGN DESCOPED

IT IS RECOMMENDED TO HAVE AN ARBORICULTURIST ON SITE TO MONITOR THE EXCAVATION WORK AND CONDITION OF TREE



OVERHANGING EXISTING TREE BRANCHES TO BE TRIMMED TO ENSURE VERTICAL CLEARANCE OF 2.4m. TREE WITHIN THE HIGHWAY BOUNDARY.

PROPOSAL TO TIE INTO DESIGN PROVIDED BY CAMBRIDGESHIRE COUNTY COUNCIL. DESIGN INCLUDED TO SHOW CONTINUITY OF THE PROPOSED CYCLE TRACK



FOR CONTINUATION REFER TO DRG. 9468-WSP-BA-XX-DR-HW-000100-02

NO PROPOSED WORKS ON THE SOUTHERN FOOTWAY

KEY	
	EXISTING HIGHWAY BOUNDARY
	PROPOSED 40mm THICK CAMBRIDGESHIRE ASPHALT SURFACE COURSE (CLAUSE 12.03) ON 65mm AC 20 DENSE BIN
	PROPOSED 40mm THICK CAMBRIDGESHIRE ASPHALT SURFACE COURSE WITH 68 PSV (CLAUSE 12.03 OR 12.04) ON 65mm AC 20 DENSE BIN
	PROPOSED FOOTWAY ASPHALT: 25mm THICK AC6 DENSE SURF LAID ON 60mm THICK AC14 CLOSE SURF DENSE ASPHALT CONCRETE. EXISTING TYPE 1 SUB BASE TO BE RECOMPACTED TO CLAUSE 803
	PROPOSED 25mm THICK AC6 DENSE SURF LAID ON 60mm THICK AC14 CLOSE SURF DENSE ASPHALT CONCRETE ON 150mm TYPE 1 SUB BASE
	PROPOSED BUFF 65mm THICK TACTILE PAVING ON 25mm SAND CEMENT MORTAR BED LAID ON 60mm BINDER COURSE AND 150mm TYPE 1 SUB BASE
	PROPOSED BUFF 65mm THICK TACTILE PAVING ON 25mm SAND CEMENT MORTAR BED LAID ON 60mm BINDER COURSE. EXISTING TYPE 1 SUB BASE TO BE RECOMPACTED TO CLAUSE 803
	PROPOSED RED 65mm THICK TACTILE PAVING ON 25mm SAND CEMENT MORTAR BED LAID ON 60mm BINDER COURSE AND 150mm TYPE 1 SUB BASE
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	PROPOSED 100 x 200 x 80mm PRE-CAST CONCRETE BLOCK WITH APPLIED BALLONTINI TO BE INSTALLED AS PART OF THE TACTILE ARRANGEMENT
	PROPOSED 65mm THICK CORDUROY PAVING ON 25mm SAND CEMENT MORTAR BED LAID ON 60mm BINDER COURSE. EXISTING TYPE 1 SUB BASE TO BE RECOMPACTED TO CLAUSE 803
	PROPOSED 65mm THICK CORDUROY PAVING ON 25mm SAND CEMENT MORTAR BED LAID ON 60mm BINDER COURSE AND 150mm TYPE 1 SUB BASE
	RED COLOURED STONE MASTIC ASPHALT 6mm SURF (CLAUSE 18.05), 25mm THICK LAID ON 60mm THICK AC14 CLOSE SURF DENSE ASPHALT CONCRETE. EXISTING TYPE 1 SUB BASE TO BE RECOMPACTED TO CLAUSE 803
	RED COLOURED STONE MASTIC ASPHALT 6mm SURF (CLAUSE 18.05), 25mm THICK LAID ON 60mm THICK AC14 CLOSE SURF DENSE ASPHALT CONCRETE ON 225mm TYPE 1 SUB BASE
	PROPOSED 200mm x 100mm x 80mm RED PRE-CAST CONCRETE RECTANGULAR BLOCKS LAID ON 60mm THICK AC14 CLOSE SURF DENSE ASPHALT CONCRETE ON EXISTING TYPE 1 SUB BASE
	PROPOSED RAIN GARDEN: PLANTING ON 300mm TOPSOIL AND 250mm SUBSOIL AND 200mm OF DRAINAGE AGREGATE. REFER TO LANDSCAPE DRAWING WHEN AVAILABLE FOR PLANTING AND FULL DETAILS
	PROPOSED GRASS: ON 150mm TOPSOIL AND 300mm SUBSOIL. REFER TO LANDSCAPE DRAWING WHEN AVAILABLE FOR PLANTING AND FULL DETAILS
	PROPOSED 125mm x 150mm PRE-CAST CONCRETE BULLNOSE KERB LAID ON 150mm WET LEAN CONCRETE
	PROPOSED 50mm x 150mm PRE-CAST CONCRETE EDGING LAID ON 150mm WET LEAN CONCRETE
	PROPOSED 125mm x 150mm PRE-CAST CONCRETE FLUSH KERB WITH DROPPER LAID ON 150mm WET LEAN CONCRETE (25mm UPSTAND)
	PROPOSED 200mm TRAPEZOIDAL STRIP LAID ON 150mm WET LEAN CONCRETE
	PROPOSED RAMP
	PROPOSED SINUSOIDAL HUMP
	PROPOSED YELLOW LINE MARKING
	PROPOSED WHITE LINE MARKING
	PROPOSED SIGN AND POST
	PROPOSED TRAFFIC SIGNAL, SHOWN INDICATIVELY AND IS SUBJECT TO A FULL TRAFFIC SIGNAL DESIGN
	PROPOSED LIGHTING COLUMN, SHOWN INDICATIVELY AND IS SUBJECT TO A FULL LIGHTING DESIGN
	PROPOSED STREET NAME PLATE
	PROPOSED LITTER BIN

REV	DATE	BY	DESCRIPTION	CHK	APP
P01	18.07.2023	AOS	UPDATED AS PER MILESTONE COMMENTS	JAH	DV

DRAWING STATUS

DETAILED DESIGN

70 Chancery Lane, London, WC2A 1AF
www.wsp.com

CLIENT

GREATER CAMBRIDGE PARTNERSHIP

PROJECT

BARTON GREENWAY

TITLE

GENERAL ARRANGEMENT

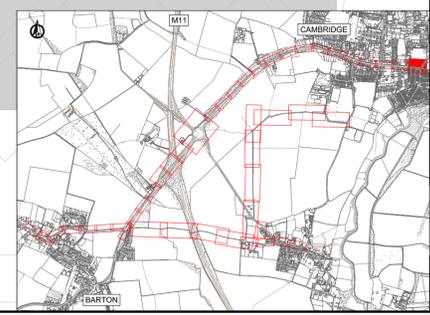
SHEET 01 OF 26

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:250	18.07.2023	AOS	JAH	DV	A1

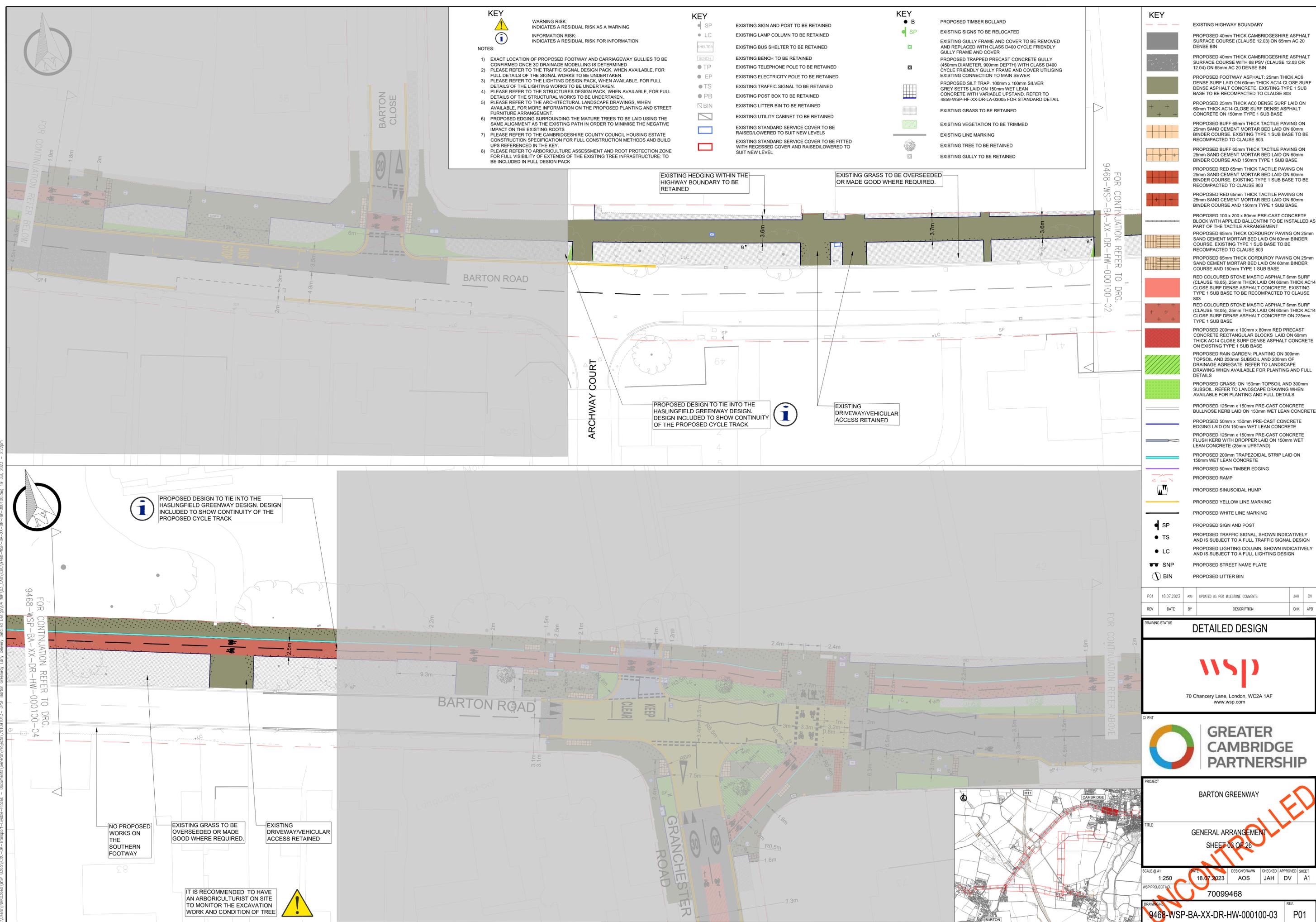
WSP PROJECT NO. 70099468

DRAWN	REV
9468-WSP-BA-XX-DR-HW-000100-01	P01

KEY		KEY		KEY	
	WARNING RISK: INDICATES A RESIDUAL RISK AS A WARNING		EXISTING SIGN AND POST TO BE RETAINED		PROPOSED TIMBER BOLLARD
	INFORMATION RISK: INDICATES A RESIDUAL RISK FOR INFORMATION		EXISTING LAMP COLUMN TO BE RETAINED		EXISTING SIGNS TO BE RELOCATED
NOTES:			EXISTING BUS SHELTER TO BE RETAINED		EXISTING GULLY FRAME AND COVER TO BE REMOVED AND REPLACED WITH CLASS D400 CYCLE FRIENDLY GULLY FRAME AND COVER
1)	EXACT LOCATION OF PROPOSED FOOTWAY AND CARRIAGEWAY GULLIES TO BE CONFIRMED ONCE 3D DRAINAGE MODELLING IS DETERMINED		EXISTING BENCH TO BE RETAINED		PROPOSED TRAPPED PRECAST CONCRETE GULLY (450mm DIAMETER, 900mm DEPTH) WITH CLASS D400 CYCLE FRIENDLY GULLY FRAME AND COVER UTILISING EXISTING CONNECTION TO MAIN SEWER
2)	PLEASE REFER TO THE TRAFFIC SIGNAL DESIGN PACK, WHEN AVAILABLE, FOR FULL DETAILS OF THE SIGNAL WORKS TO BE UNDERTAKEN		EXISTING TELEPHONE POLE TO BE RETAINED		PROPOSED SILT TRAP: 100mm x 100mm SILVER GREY SETTS LAID ON 150mm WET LEAN CONCRETE WITH VARIABLE UPSTAND. REFER TO 4859-WSP-HF-XX-DR-LA-03005 FOR STANDARD DETAIL
3)	PLEASE REFER TO THE LIGHTING DESIGN PACK, WHEN AVAILABLE, FOR FULL DETAILS OF THE LIGHTING WORKS TO BE UNDERTAKEN		EXISTING ELECTRICITY POLE TO BE RETAINED		EXISTING GRASS TO BE RETAINED
4)	PLEASE REFER TO THE STRUCTURES DESIGN PACK, WHEN AVAILABLE, FOR FULL DETAILS OF THE STRUCTURAL WORKS TO BE UNDERTAKEN		EXISTING TRAFFIC SIGNAL TO BE RETAINED		EXISTING VEGETATION TO BE TRIMMED
5)	PLEASE REFER TO THE ARCHITECTURAL LANDSCAPE DRAWINGS, WHEN AVAILABLE, FOR MORE INFORMATION ON THE PROPOSED PLANTING AND STREET FURNITURE ARRANGEMENT		EXISTING POST BOX TO BE RETAINED		EXISTING LINE MARKING
6)	PROPOSED EDGING SURROUNDING THE MATURE TREES TO BE LAID USING THE SAME ALIGNMENT AS THE EXISTING PATH IN ORDER TO MINIMISE THE NEGATIVE IMPACT ON THE EXISTING ROOTS		EXISTING LITTER BIN TO BE RETAINED		EXISTING TREE TO BE RETAINED
7)	PLEASE REFER TO THE CAMBRIDGESHIRE COUNTY COUNCIL HOUSING ESTATE CONSTRUCTION SPECIFICATION FOR FULL CONSTRUCTION METHODS AND BUILD UPS REFERENCED IN THE KEY		EXISTING UTILITY CABINET TO BE RETAINED		EXISTING GULLY TO BE RETAINED
8)	PLEASE REFER TO ARBORICULTURE ASSESSMENT AND ROOT PROTECTION ZONE FOR FULL VISIBILITY OF EXTENDS OF THE EXISTING TREE INFRASTRUCTURE: TO BE INCLUDED IN FULL DESIGN PACK		EXISTING STANDARD SERVICE COVER TO BE RAISED/LOWERED TO SUIT NEW LEVELS		



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- KEY**
- ⚠ WARNING RISK: INDICATES A RESIDUAL RISK AS A WARNING
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- NOTES:**
- 1) EXACT LOCATION OF PROPOSED FOOTWAY AND CARRIAGEWAY GULLIES TO BE CONFIRMED ONCE 3D DRAINAGE MODELLING IS DETERMINED
 - 2) PLEASE REFER TO THE TRAFFIC SIGNAL DESIGN PACK, WHEN AVAILABLE, FOR FULL DETAILS OF THE SIGNAL WORKS TO BE UNDERTAKEN
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 - 5) PLEASE REFER TO THE ARCHITECTURAL LANDSCAPE DRAWINGS, WHEN AVAILABLE, FOR MORE INFORMATION ON THE PROPOSED PLANTING AND STREET FURNITURE ARRANGEMENT
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- KEY**
- SP EXISTING SIGN AND POST TO BE RETAINED
 - LC EXISTING LAMP COLUMN TO BE RETAINED
 - SH EXISTING BUS SHELTER TO BE RETAINED
 - BENCH EXISTING BENCH TO BE RETAINED
 - TP EXISTING TELEPHONE POLE TO BE RETAINED
 - EP EXISTING ELECTRICITY POLE TO BE RETAINED
 - TS EXISTING TRAFFIC SIGNAL TO BE RETAINED
 - PB EXISTING POST BOX TO BE RETAINED
 - BIN EXISTING LITTER BIN TO BE RETAINED
 - UC EXISTING UTILITY CABINET TO BE RETAINED
 - SS EXISTING STANDARD SERVICE COVER TO BE RAISED/LOWERED TO SUIT NEW LEVELS
 - SC EXISTING STANDARD SERVICE COVER TO BE FITTED WITH RECESSED COVER AND RAISED/LOWERED TO SUIT NEW LEVEL

- KEY**
- B PROPOSED TIMBER BOLLARD
 - SP EXISTING SIGNS TO BE RELOCATED
 - SP EXISTING GULLY FRAME AND COVER TO BE REMOVED AND REPLACED WITH CLASS D400 CYCLE FRIENDLY GULLY FRAME AND COVER
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 - SP PROPOSED SILT TRAP, 100mm x 100mm SILVER GREY SETTS LAID ON 150mm WET LEAN CONCRETE WITH VARIABLE UPSTAND. REFER TO 4859-WSP-HF-XX-DR-LA-03005 FOR STANDARD DETAIL
 - SP EXISTING GRASS TO BE RETAINED
 - SP EXISTING VEGETATION TO BE TRIMMED
 - SP EXISTING LINE MARKING
 - SP EXISTING TREE TO BE RETAINED
 - SP EXISTING GULLY TO BE RETAINED

- KEY**
- SP EXISTING HIGHWAY BOUNDARY
 - SP PROPOSED 40mm THICK CAMBRIDGESHIRE ASPHALT SURFACE COURSE (CLAUSE 12.03) ON 65mm AC 20 DENSE BIN
 - SP PROPOSED 40mm THICK CAMBRIDGESHIRE ASPHALT SURFACE COURSE WITH 8% FSV (CLAUSE 12.03 OR 12.04) ON 65mm AC 20 DENSE BIN
 - SP PROPOSED FOOTWAY ASPHALT, 25mm THICK AC6 DENSE SURF LAID ON 60mm THICK AC14 CLOSE SURF DENSE ASPHALT CONCRETE. EXISTING TYPE 1 SUB BASE TO BE RECOMPACTED TO CLAUSE 803
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 - SP RED COLOURED STONE MASTIC ASPHALT 6mm SURF (CLAUSE 18.05), 25mm THICK LAID ON 60mm THICK AC14 CLOSE SURF DENSE ASPHALT CONCRETE ON 225mm TYPE 1 SUB BASE
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REV	DATE	BY	DESCRIPTION	CHK	APP
P01	18.07.2023	AOS	UPDATED AS PER MILESTONE COMMENTS	JAH	DV

DRAWING STATUS: **DETAILED DESIGN**

70 Chancery Lane, London, WC2A 1AF
www.wsp.com

CLIENT: **GREATER CAMBRIDGE PARTNERSHIP**

PROJECT: **BARTON GREENWAY**

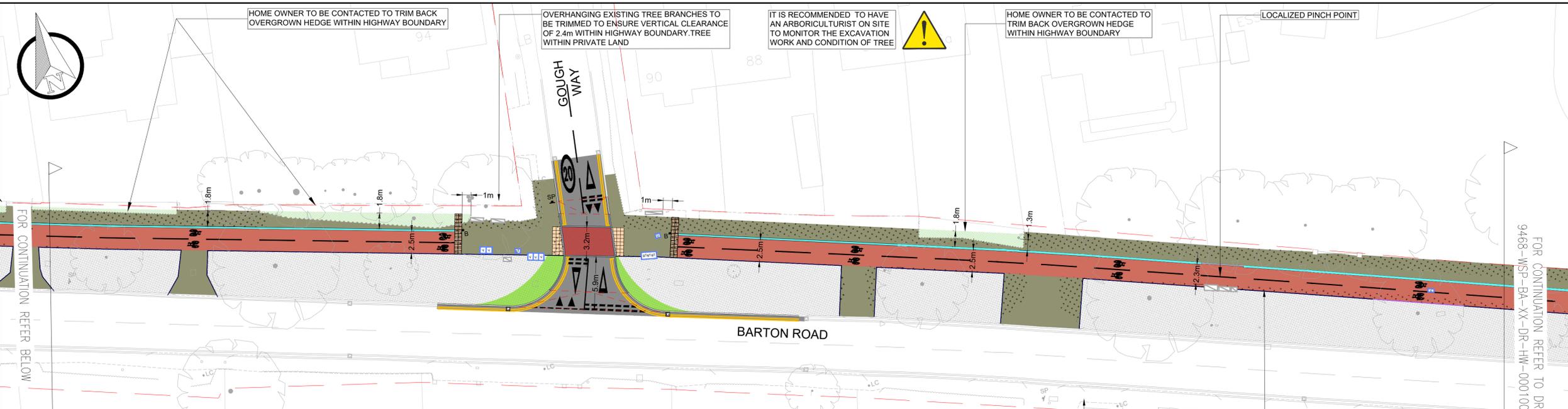
TITLE: **GENERAL ARRANGEMENT SHEET 03 OF 26**

SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:250	18.07.2023	AOS	JAH	DV	A1

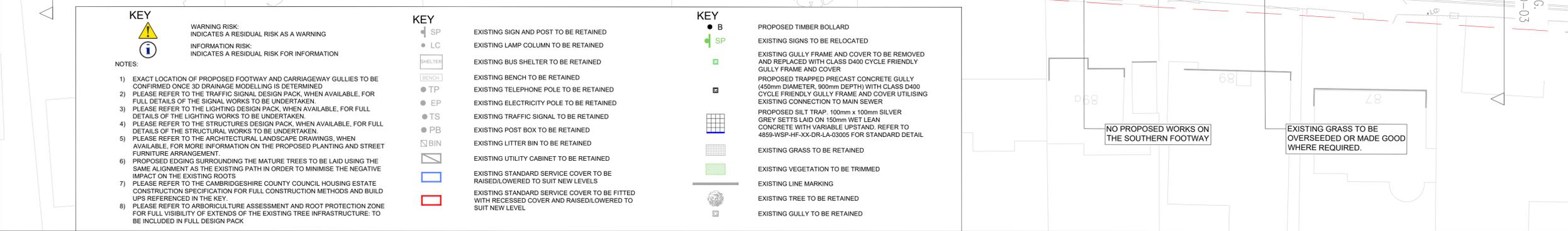
WSP PROJECT NO: 70099468

DRAWING NO.	REV.
9468-WSP-BA-XX-DR-HW-000100-03	P01

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KEY	
	EXISTING HIGHWAY BOUNDARY
	PROPOSED 40mm THICK CAMBRIDGESHIRE ASPHALT SURFACE COURSE WITH 68 FSV (CLAUSE 12.03) ON 65mm AC 20 DENSE BIN
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	EXISTING UTILITY CABINET TO BE RETAINED
	EXISTING STANDARD SERVICE COVER TO BE RAISED/LOWERED TO SUIT NEW LEVELS
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	PROPOSED SILT TRAP: 100mm x 100mm SILVER GREY SETTS LAID ON 150mm WET LEAN CONCRETE WITH VARIABLE UPSTAND. REFER TO 4859-WSP-HF-XX-DR-LA-03005 FOR STANDARD DETAIL
	EXISTING GRASS TO BE RETAINED
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P01	18.07.2023	AOS	UPDATED AS PER MILESTONE COMMENTS	JAH	DV
REV	DATE	BY	DESCRIPTION	CHK	APD
DRAWING STATUS					
DETAILED DESIGN					
70 Chancery Lane, London, WC2A 1AF www.wsp.com					
CLIENT					
PROJECT					
BARTON GREENWAY					
TITLE					
GENERAL ARRANGEMENT SHEET 04 OF 26					
SCALE @ A1	DATE	DESIGN/DRAWN	CHECKED	APPROVED	SHEET
1:250	18.07.2023	AOS	JAH	DV	A1
WSP PROJECT NO. 70099468					
DRAWING NO. 9468-WSP-BA-XX-DR-HW-000100-04					REV. P01