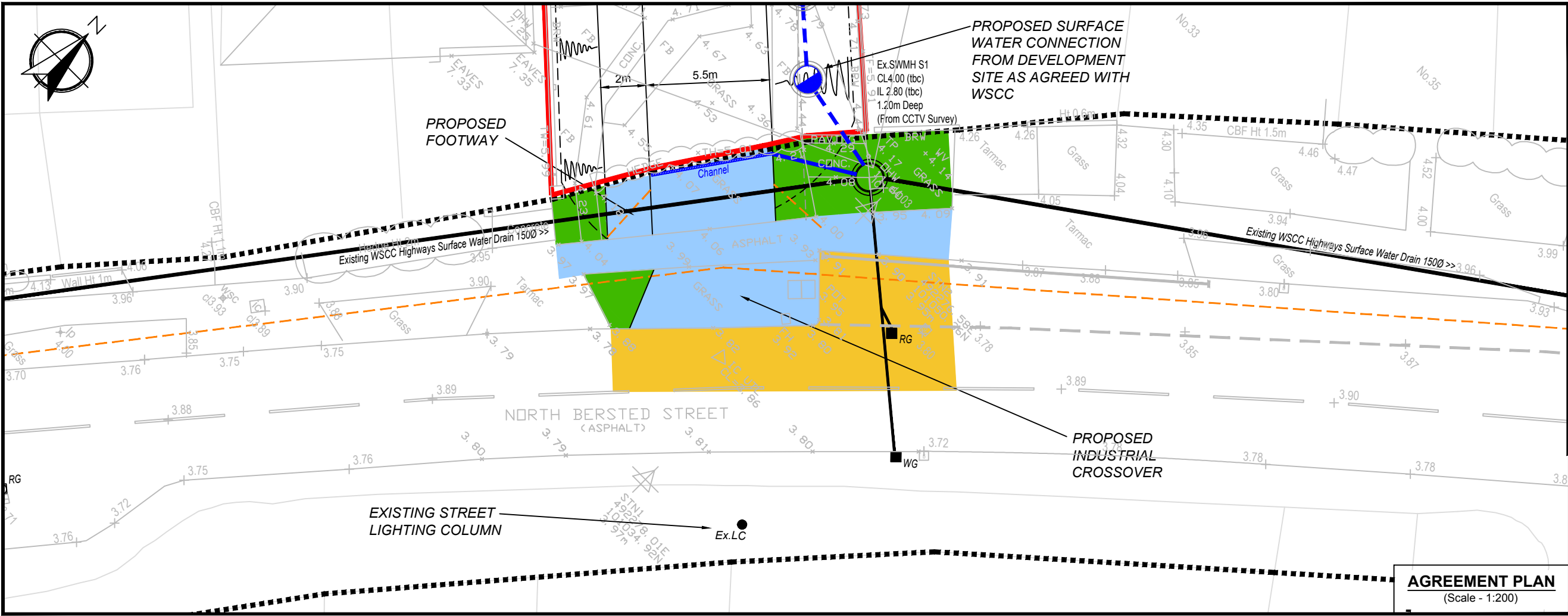
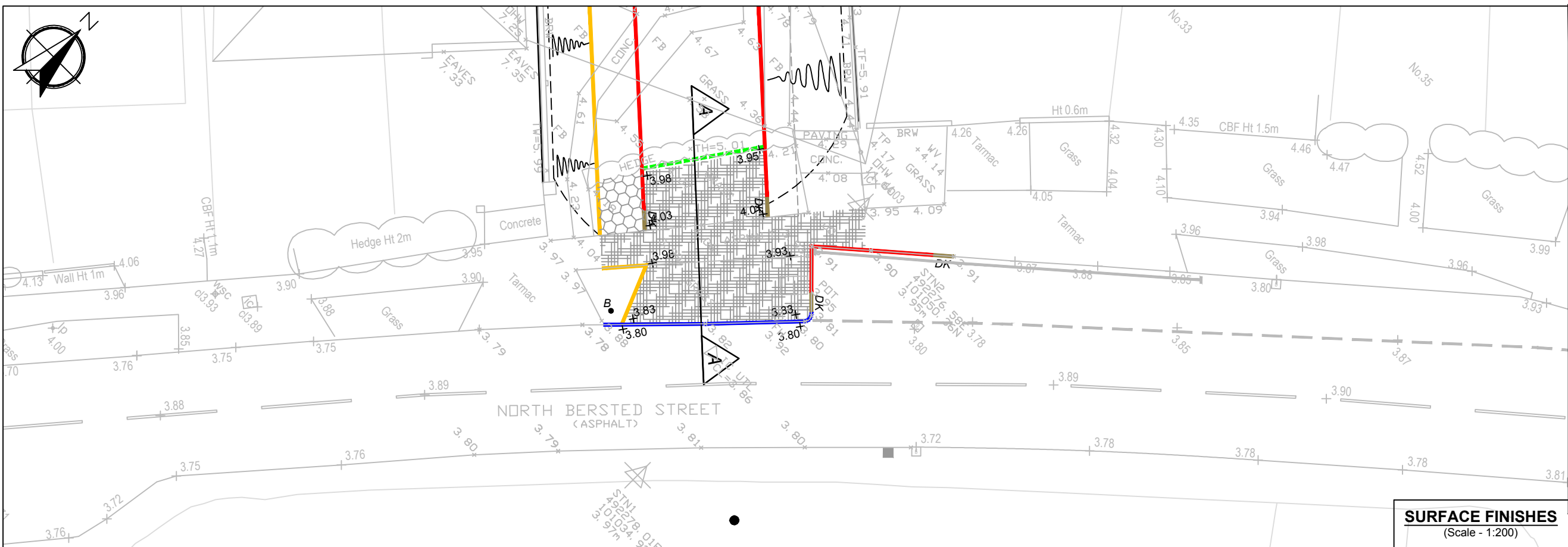
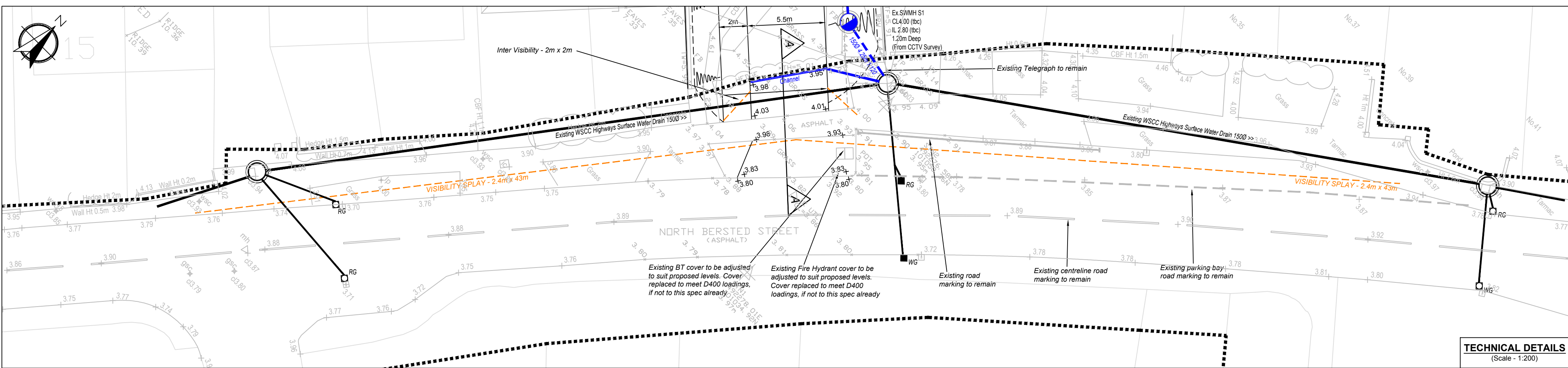




S278 AGREEMENT LEGEND	
	S278 WORKS (Carriageway)
	S278 WORKS (Footway)
	S278 WORKS (Verge)
	EXISTING HIGHWAY BOUNDARY
	SITE BOUNDARY
	EXISTING ROAD / WIER GULLY (Highway Drain)
	EXISTING STREET LIGHTING COLUMN



SURFACE FINISHES LEGEND	
	FOOTWAY CONSTRUCTION (Bituminous)
	VEHICULAR CROSSOVER FOOTWAY CONSTRUCTION (Bituminous)
	PRECAST CONCRETE KERB - HB2 (125mm upstand)
	PRECAST CONCRETE KERB - BN (25mm upstand at driveway) (0-6mm upstand at pedestrian crossing point)
	PRECAST CONCRETE EDGING - EF (Laid flush)
	DOUBLE ROW GRANITE SETTS
	TRANSITION FROM HB2 KERB TO BN KERB
	TIMBER BOLLARD



TECHNICAL DETAILS LEGEND	
	EXISTING ROAD / WIER GULLY (Highway Drain)
	EXISTING MANHOLE (Highway Drain)
	PROPOSED SURFACE WATER DRAIN (Highway Drain)
	VISIBILITY SPLAY

Surface course: 60mm thick Precast concrete paving blocks, (Marshalls Priora)
Laying course: 50mm of 6mm crushed clean stone (6mm Priora aggregate).
Geotextile/Membrane: Geotextile separation membrane.
Sub-base course: 430mm of 20mm coarse crushed gravel, rock or concrete. (20mm Priora aggregate).
Geotextile/Membrane: Marshalls MM380 tanking membrane.

WSCC Crossover Type 2 (Industrial)
Surface course: 30mm thick, AC10 Close Surf 100/150
Binder course: 50mm thick, AC20 Dense Bin 40/60
Base Course: 100mm thick, AC32 Dense Base 40/60
Sub-base course: 270mm thick, Dot Type 1 to clause 803 Table 8/2 MCHW1 Series 800

Single row of stretcher bond parallel to Kerb line.
Min. 150mm thick subbase below kerb

Highway Boundary Demarcation (Double Road Granite Setts)

Aco-Channel Drain (MD100 - D400 grating) to be connected into existing Highway Drain

SECTION A-A
(Scale 1:20)

Existing Covers for BT Chamber and Fire Hydrant to be adjusted to suit proposed crossover.

Min. 150mm thick subbase below kerb

1:200 @ A1
1:400 @ A3
0 2 4 6 8 10 12 14 16 18 20 m

WSCC Notes:

- No works shall commence within the existing public highway until the Agreement is signed.
- No works shall commence within the existing public highway until the Traffic Management Scheme has been approved in writing.
- Any soft spots within the proposed highway shall be dug out and the void backfilled in layers up to formation level with selected granular material as directed and to the satisfaction of the Highway Inspector.
- All fill material up to foundation level of the proposed highway to be approved and compacted in layers as directed and to the satisfaction of the Highway Inspector.
- Proposed depth of capping layer shall depend on CBR test results and agreed with by the Highway Inspector. CBR < 7% = Bespoke Design, 7% - 2.5% = 600mm, 2.5% - 3.5% = 350mm, > 3.5% = 100mm. Refer to WSCC S278/38/21 for table selector.
- Any damage caused to the existing highway during the course of the works to be repaired as directed and to the satisfaction of the Highway Inspector and/or Area Engineer.
- Continuity of access to occupied areas to be maintained to satisfaction of Highway Inspector, Area Officer Engineer and/or Local Authority.
- No private surface water runoff shall be permitted to discharge onto the highway, or vice versa. Cut-off drains, channels and/or gullies shall be used to intercept any conflicting water.
- Any existing trees to be removed within / adjacent to the proposed highway shall have their roots grubbed up and loose soil removed and void backfilled in layers up to formation level with selected material as directed and to the satisfaction of the Highway Inspector.
- Any new trees within 3.0m of the proposed highway shall have their roots restrained by root barriers as directed and to the satisfaction of the Highway Inspector.
- Any abandoned/redundant pipes and chambers that fall within the proposed highway shall be grubbed up and the void backfilled in layers up to formation level of the carriageway with selected granular material or permanently filled with concrete (or similar fill).
- All redundant connections in existing manholes/chambers shall be sealed and the benching made good as directed and to the satisfaction of the Highway Inspector and/or utility company involved.
- Any existing live drains, sewers, ducts, cables, etc. that will pass under the proposed highway shall be surveyed, probed, traced, rodged, jetted, CCTV'd, etc. to ascertain their structural condition and suitability to fall within the new highway. If deemed necessary, special protection and/or replacement may be required as directed and to the satisfaction of the Highway Inspector, Area Engineer and/or Utility Company involved.
- Any existing live manholes, chambers, boxes, etc. that will be located within the proposed highway shall be surveyed to ascertain their structural condition and suitability to fall within the new highway. If deemed necessary, special protection and/or replacement may be required as directed and to the satisfaction of the Highway Inspector, Area Engineer and/or Utility Company involved.
- Developer/Contractor to provide suitable and effective wheel washing facilities to prevent mud from being conveyed onto the public highway and to provide the means to clean the Highway to the satisfaction of the Highway Inspector, Area Engineer and/or Local Authority.
- No concrete to be poured or laid in temperatures below 2deg C on a falling max/min thermometer or before the temperature reaches 2deg C on a rising max/min thermometer (to be provided by the Contractor and displayed in a position agreed by the Highway Inspector).
- All road signs and markings to comply with the Traffic Signs Manual.
- All road markings to be thermoplastic.
- Contractor to comply with Chapter 8 of the Traffic Signs Manual 2009.
- Tactile paving to comply with the Guidance on the use of Tactile Paving Surfaces 1998. Tactile Pedestrian Crossings to have a 6mm (maximum) upstand (not flush), the actual layout of tactile paving to be agreed on site with the Highway Inspector prior to laying sites.
- Refer to WSCC 278/38 Highway Agreement Standard Details drawings 01-22 and revision thereof.
- All adoptable highway works to be carried out in accordance with the DfT Specification of Highway Works or as amended by the West Sussex County Council S278/38 Standard Details - both available on the WSCC Website.
- Highway Inspector to approve all kerb and/or edging line and level on site with the main contractor at a PRE-START MEETING prior to installation. The Highway Inspector will direct the contractor accordingly to achieve a satisfactory finish which may deviate from the technically approved detailed drawings. The contractor will record all variances for the 'as-built' drawings issue.

DRAWING BASED ON PLANNING APPROVED DRAWING 0807/DPA304

LANDSCAPING & BOUNDARY TREATMENTS
NO TREES, PLANTING, FENCE OR WALL TO EXCEED 600mm IN HEIGHT WITHIN VISIBILITY & INTER-VISIBILITY AREAS.

STREET LIGHTING
None.

ROAD MARKINGS
None.

SIGNAGE
None.

LIST OF WSCC S278/38 SUPPORTING DRAWINGS:

S278/38/02	Approved Kerb Type Selection Sheet 1 - Full height Kerb type HB2 - Drop Kerb type BN - Edging type EF flat top
S278/38/03	Approved Kerb Type Selection Sheet 2 Boundary Demarcation Double Row Granite Setts
S278/38/04	Footway / Cycleway Type 1 & 2 - Flexible Footway Construction - Crossover Type 2 (Industrial)
S278/38/08	Footway Crossover Type 2 Industrial
S278/38/10	Preferred Arrangement of Services within Public Highway
S278/38/17	Street Furniture Bollards Timber Bollard
S278/38/20	Carriageway Tie in Options Carriageway Tie in Option 3

PAVEMENT DESIGN CBR = 3%
From Constructive Evaluationj
Ground Investigation Report
(Ref: 16.9352) January 2017

FOOTWAY CONSTRUCTION -

Surface Course - 20mm thick, AC6 Dense Surf 100/150
Binder Course - 50mm thick, AC20 Dense Bin 40/60
Subbase - 150mm thick, Type 1 to Clause 803

VEHICULAR CROSSOVER CONSTRUCTION -
(WSCC Industrial Crossover Type 2)

Surface Course - 30mm thick, AC10 Close Surf 100/150
Binder Course - 50mm thick, AC20 Dense Bin 40/60
Base Course - 100mm thick, AC32 Dense Base 40/60
Subase - 270mm thick, Type 1 to Clause 803

NOTES

- This drawing is to be read in conjunction with all other RGP drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
- RGP accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
- Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
- Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
- All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
- The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. RGP logos and company information must be removed from copies if information is re-used.
- The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
- The main contractor is responsible for dealing with all occurrences of ground water during the construction period.
- The contractor must comply with all current legislation relating to health & safety.
- All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any RGP drawings, the manufacturers instructions must be used.
- Contractor to confirm all invert levels where connections are proposed prior to commencing any drainage works. Contractor to commence drainage works at the point of discharge.

SUPPORTING DRAWINGS:

Drg No.	Drg Title
201	Drainage & Levels Layout
211	Setting Out
221	Surface Finishes
250	Drainage Details Sht 1
251	Drainage Details Sht 2
260	Construction Details

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PRELIMINARY
SUBJECT TO WSCC APPROVAL

rgp Design

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Client
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Project
North Bertsted, Bognor
West Sussex, PO22 9AA

Drawing Title
S278 Agreement Plan

Scale AS SHOWN	Drawn By LG	Checked By MJA	Approved By MJA
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Date July 2017	Drawing No. 2017/D1304/280	Rev. -
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