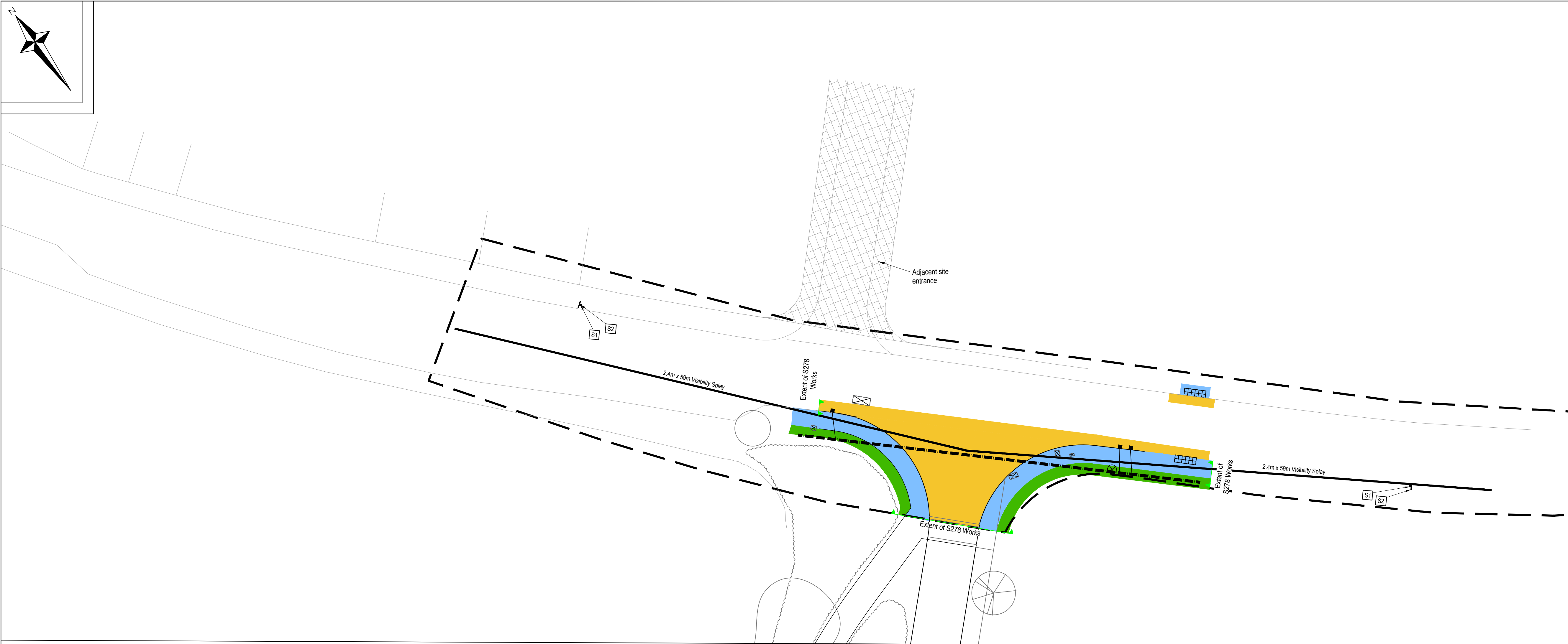




278 GENERAL AGREEMENT PLAN
1:250

Structural Calculation Details

Signs:

Sign: Side Road Ahead

Reference: 506.1

Width: 600mm, H:600mm

Shape: Triangular

Orientation: Facing Front

Mounted on Posts: 1

Mounting Height: 2500mm

Sign: New Road Layout Ahead

Reference: 7014

Width: 350mm, H:420mm

Shape: Rectangular

Orientation: Facing Front

Mounted on Posts: 1

Mounting Height: 2100mm

Posts:

Quantity: 1

Type: 76.1 X 3.2 Chs

Spacing: N/A

Post 1 (Wbp) Length: 3900mm

Base:

Type: Single

Width: 600mm

Length: 700mm

Depth: 600mm

Volume: 0.25cu.m

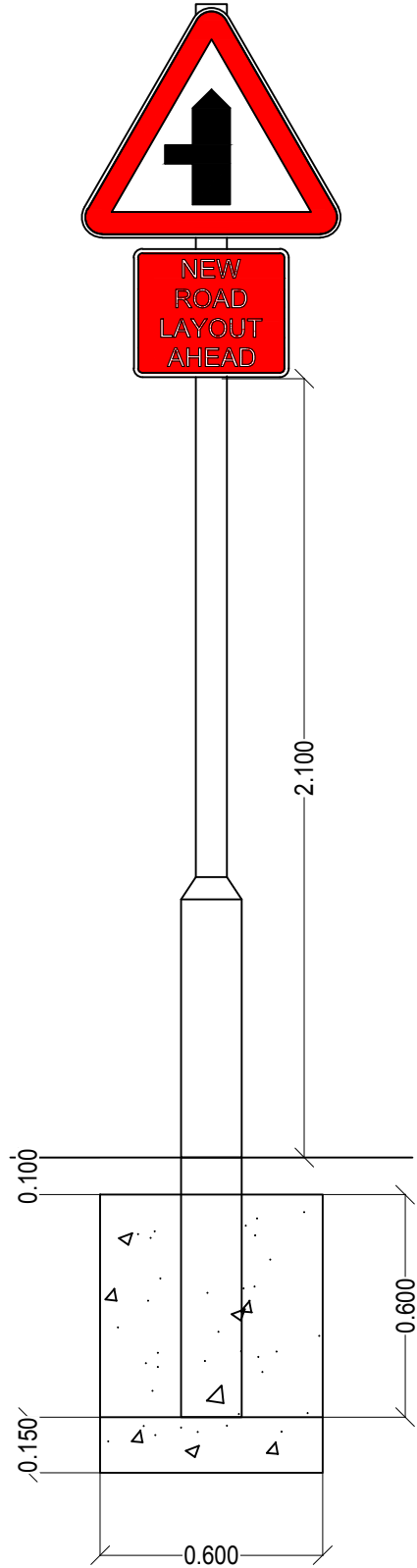
Cover: 100mm

Blinding: 150nn

Base: Gen3 Concrete

Illumination:

Reflectory



Proposed Warning Sign
Post With Diagrams 7014 & 506.1
1:20

West Sussex County Council Notes

- No works shall commence within the existing public highway until the Agreement is signed.
- 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 Highways Inspector.
- All fill material up to foundation level of the proposed highways to be approved and compacted in layers as directed and to the satisfaction of the Highways Inspector.
- Any damage caused to the existing highway during the course of the works to be repaired as directed and to the satisfaction of the Highways Inspector and/or Area Engineer.
- Continuity of access to occupied areas to be maintained to satisfaction of Highways Inspector, Area Office Engineer and/or Local Authority.
- 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 filler).
- All redundant connections in existing manholes/chambers that are affected by the works shall be sealed and the benching made good as directed and to the satisfaction of the Highways 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 Highways 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 Highways 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 Highways 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 Highways 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.
- Refer to WSCC 278/38 Highway Agreement Standard Details drawings 01-36 and revision thereof.
- Highway Inspector to approve all kerb and/or edging line and level on site with the main contractor prior to instalment. 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.
- 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 Standard Details - both available on the Internet.

S278 Legend:

- Highway Boundary
- S278 Carriageway
- S278 Footway
- S278 Verge
- Existing Gully
- Existing Inspection Chamber
- 2.4m x 120m Visibility Splay
- Approximate location of highway Drainage
- Streetlighting
- Proposed Tactile Paving

Signs Legend

- Side road ahead sign (506.1), width 600mm by height 600mm. (See detail for structural info.) To be located at edge of carriageway.
- New road layout ahead sign (7014), width 350mm by height 420mm. (See detail for structural info.) To be located at edge of carriageway.

All traffic signs to be in accordance with the Traffic Signs Regulations and General Directions (2002) and the Traffic Signs and Manual. Installation in accordance with WSCC Standard details.



Location Plan
1:2500

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

- There will be deep excavations for structures and drainage systems. This is a high risk, high severity hazard. The contractor should provide protection and support in accordance with health and safety legislation.
- Live Services - risks to contractor's personnel - Seek written confirmation from Statutory Authority and/or Building/site owner that all live services - especially electricity services, - have been disconnected or diverted prior to works commencing on site. If any services are to remain live during the construction work, ensure that the locations of these are identified and clearly marked. All operatives are to be made aware of their presence. Employ hand digging near/adjacent to any known live services. Extreme caution to be exercised in the vicinity of the existing overhead power lines.

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.

Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

All dimensions to be checked on site prior to the commencement of construction and any discrepancy should be reported to the Site Manager.

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Sub-Contractors MUST ensure that they have the latest issue drawing before they commence work on site.

This drawing is to be read in conjunction with all relevant specifications, schedules and engineers details.

General Notes:

- This drawing to be read in conjunction with the following RSK LDE and WEST SUSSEX COUNTY COUNCIL STANDARD DETAILS drawings:
RSK LDE
CIV_1_4000 Section 278 General Arrangement & Levels
CIV_1_4001 Section 278 Enabling Works & White Lining
CIV_1_4002 Section 278 Existing Services
WEST SUSSEX COUNTY COUNCIL
S278 / 38 / 02 Approved Kerb Type Selection
S278 / 38 / 04 Footway / Cycleway
S278 / 38 / 11 Gully A - Pre-Cast Concrete
S278 / 38 / 13 Drainage Type B Catchpit
S278 / 38 / 18 Street Furniture Tactile Crossings
S278 / 38 / 20 Carriageway Tie-In Options
S278 / 38 / 21 Carriageway Flexible Specification
- Topographical survey information is taken from Digital Terrain Surveys LLP reference DTS240417-7Q0B.
- All road markings should be in accordance with chapter 5 of the traffic signs regulations & general directions manual.
- All junction markings to comply with traffic signs manual chapter 3 2018 figure 3_5.
- All existing vegetation within visibility splays to be cut back as required to allow sufficient visibility.

F	08.12.2020	Highway drainage added	JC	SM	SM
E	01.12.2020	Western footway changed to 2m as requested, signage and cycleway removed	JC	SM	SM
D	19.11.2020	Topo removed and verge extended to footway as requested	JC	SM	SM
C	05.11.2020	Crossing point, road markings and signage for footway/cycle way added	JC	SM	SM
B	15.10.2020	Cycle way added, tactile to east removed	HG	SM	SM
A	28.09.2020	Issued for approval.	MFP	SM	SM

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
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RSK

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DROVE LANE,
YAPTON

APPROVAL

SECTION 278
AGREEMENT PLAN

Drawn	Date	Checked	Date	Approved	Date
MFP	28.09.2020	SM	28.09.2020	SM	28.09.2020

Scale	Orig Size	Dimensions
AS SHOWN	A1	Metres

Project No. 133647	Drawing File 133647-RSK-CIV-1-4003 Section 278 Agreement Plan.dwg
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Drawing No. CIV_1_4003	Rev. F
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