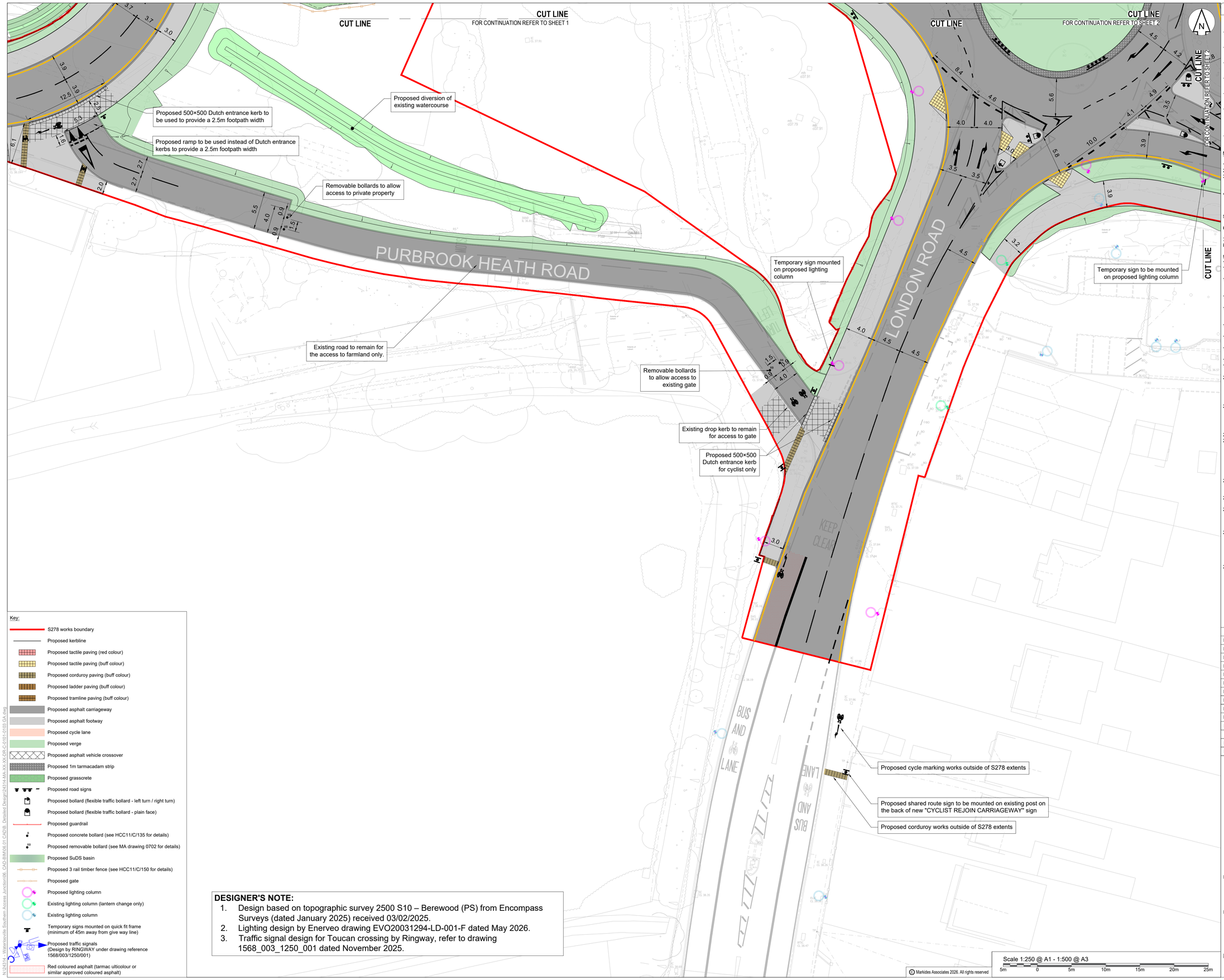

Key:

- S278 works boundary
- Proposed kerbline
- Proposed tactile paving (red colour)
- Proposed tactile paving (buff colour)
- Proposed corduroy paving (buff colour)
- Proposed ladder paving (buff colour)
- Proposed tramline paving (buff colour)
- Proposed asphalt carriageway
- Proposed asphalt footway
- Proposed cycle lane
- Proposed verge
- Proposed asphalt vehicle crossover
- Proposed 1m tarmacadam strip
- Proposed grasscrete
- Proposed road signs
- Proposed bollard (flexible traffic bollard - left turn / right turn)
- Proposed bollard (flexible traffic bollard - plain face)
- Proposed guardrail
- Proposed concrete bollard (see HCC11/C/135 for details)
- Proposed removable bollard (see MA drawing 0702 for details)
- Proposed SuDS basin
- Proposed 3 rail timber fence (see HCC11/C/150 for details)
- Proposed gate
- Proposed lighting column
- Existing lighting column (lantern change only)
- Existing lighting column
- Temporary signs mounted on quick fit frame (minimum of 45m away from give way line)
- Proposed traffic signals (Design by RINGWAY under drawing reference 1568/003/1250/001)
- Red coloured asphalt (tarmac ulticolour or similar approved coloured asphalt)

DESIGNER'S NOTE:

1. Design based on topographic survey 2500 S10 – Berewood (PS) from Encompass Surveys (dated January 2025) received 03/02/2025.
2. Lighting design by Enerveo drawing EVO20031294-LD-001-F dated May 2026.
3. Traffic signal design for Toucan crossing by Ringway, refer to drawing 1568_003_1250_001 dated November 2025.

DO NOT SCALE OFF THIS DRAWING

CDM - RESIDUAL HAZARDS

1	Existing Utilities
2	Risk of falls from heights
3	Overhead Cables
4	Unexploded Ordancne
5	Existing Culvert

NOTE: The above hazards do not include every hazard or assumption, but identify significant residual construction hazards that are not likely to be obvious to a competent contractor and those that could be difficult to manage effectively. Refer to the designer's risk documentation 24314-MA-XX-XX-RP-C-S278 DRA.

Notes:

1. Do not scale off this drawing.
2. All dimensions in metres unless otherwise stated.
3. Site Location:
   3.1. Nearest postcode - PO7 5EW
   3.2. What3Words - pays.saints.branch
4. All dimensions, levels, survey grid co-ordinates and details shown on this drawing are to be checked on site by the contractor. Any discrepancies must be reported to the engineer prior to commencement of the works so that adjustments may be made if necessary.
5. No deviation from the details shown on this drawing is permitted without prior permission from the engineer.
6. This drawing is to be read in conjunction with all drawings with project reference number 24314.
7. Refer to 0500 drawing series for drainage detail information.
8. Refer to 0700 drawing series for road carriageway pavement detail information.
9. Refer to 1100 drawing series for footway pavement & kerb detail information.
10. Refer to 1200 drawing series for road marking and signs detail information.
11. All proposed highway alignments are to tie into the existing kerb lines smoothly and tangentially.
12. All highway works are to be agreed with Hampshire County Council (HCC) prior to implementation on site. Appropriate S278 agreements must be in place prior to the works commencing (if required).
13. All highway works to be in accordance with the MCHW Specification for Highway Works and HCC Standard Detail Drawings.
14. The contractor will be responsible for providing all required traffic management layout information, methods of working and operative accreditation to HCC on request.
15. The contractor will be responsible for all applications and notifications for road space booking in accordance with the current NRSWA.
16. Contractor shall not construct works until traffic management plans/proposals have been agreed with HCC.
17. All road signs and markings to comply with the Traffic Signs Regulations and General Directions 2016 (TSRGD 2016).
18. Road name plate locations to be confirmed by HCC.
19. Visibility splays to be based on guidance from Manual for Streets for a 20mph road.
20. HEALTH AND SAFETY: The works shall be carried out by specialist competent and experienced contractors who are members of a recognised national organisation. Operatives shall have received full and appropriate training for the operations they are to undertake. All work shall be carried out in accordance with all pertinent Health and Safety Regulations.
21. The contractor is responsible for all site health, safety and security matters. They shall independently carry out their own risk assessments and investigations prior to commencing works. They shall independently carry out their own risk assessments and investigations prior to any construction works commencing.
22. All gullies within the extent of works are to be cleaned.
23. This drawing is to be read in conjunction with:
    22.1. All relevant engineer's drawings, the specification, surveys, reports, any party wall agreements and documentation.
    22.2. The geo-environmental / soil investigation reports.
    22.3. The ecological tree survey & landscaping drawings.
    22.4. The topo and utilities surveys.
    22.5. Relevant specifications, including risk assessments.
24. All workmanship and materials are to comply with the specification, building regulations, relevant British Standards and manufacturer's recommendations.
25. The contractor shall undertake such materials testing as indicated in the specifications and shall include the cost of testing in the tender.
26. It is the contractor's responsibility to familiarise themselves with the existing site layout with respect to access, existing construction, health and safety matters, drainage below ground and at surface level, party wall matters, cellars/vaults etc., and to inform the engineer of any variations.
27. The contractor is responsible for maintaining the structural stability and integrity of all adjacent existing structures (e.g. buildings, footpaths, roads, etc.) and services to be retained during the works. The contractor must design, provide and install all temporary/permanent propping or bracing required to achieve this, and must provide a detailed method statement (including calculations and drawings if applicable) for these works.
28. Prior to any works being undertaken, the contractor must establish the locations of all services that may affect or be affected by the works. Any services to be removed must be identified and safely isolated prior to removal and commencement of works.

Revision History

P10	FOR APPROVAL	LB	HJ	HJ	03.06.2026
P09	ISSUE 8	LB	LL	HJ	27.05.2026
P08	DEVIATION FROM STANDARDS ISSUE	LB	LL	HJ	06.05.2026
P07	ISSUE 7	LB	HJ	HJ	17.04.2026
P06	ISSUE 6	LB	SS	HJ	14.11.2025
P05	ISSUE 5	LB	SS	HJ	07.11.2025
P04	ISSUE 4	LB	SS	HJ	28.10.2025
P03	ISSUE 3	LB	SS	HJ	09.10.2025
P02	ISSUE 2	LB	SS	HJ	25.09.2025
P01	FOR APPROVAL	DE	SS	HJ	17.09.2025
Rev	Comment	By	Chkd	Appr	Date

Current Revision

P10	FOR APPROVAL	LB	HJ	HJ	03.06.2026
Rev	Comment	By	Chkd	Appr	Date

S4 - FOR APPROVAL

GRAINGER PLC

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Project

BEREWOOD, WATERLOOVILLE
SOUTHERN ACCESS JUNCTION

Drawing Title

SECTION 278
GENERAL ARRANGEMENT
SHEET 3

Markides Associates reference: 24314

1:250 @A1

Scale 1:250 @ A1 - 1:500 @ A3

5m 0 5m 10m 15m 20m 25m

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24314-MA-XX-XX-DR-C-0103-S4 - P10

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