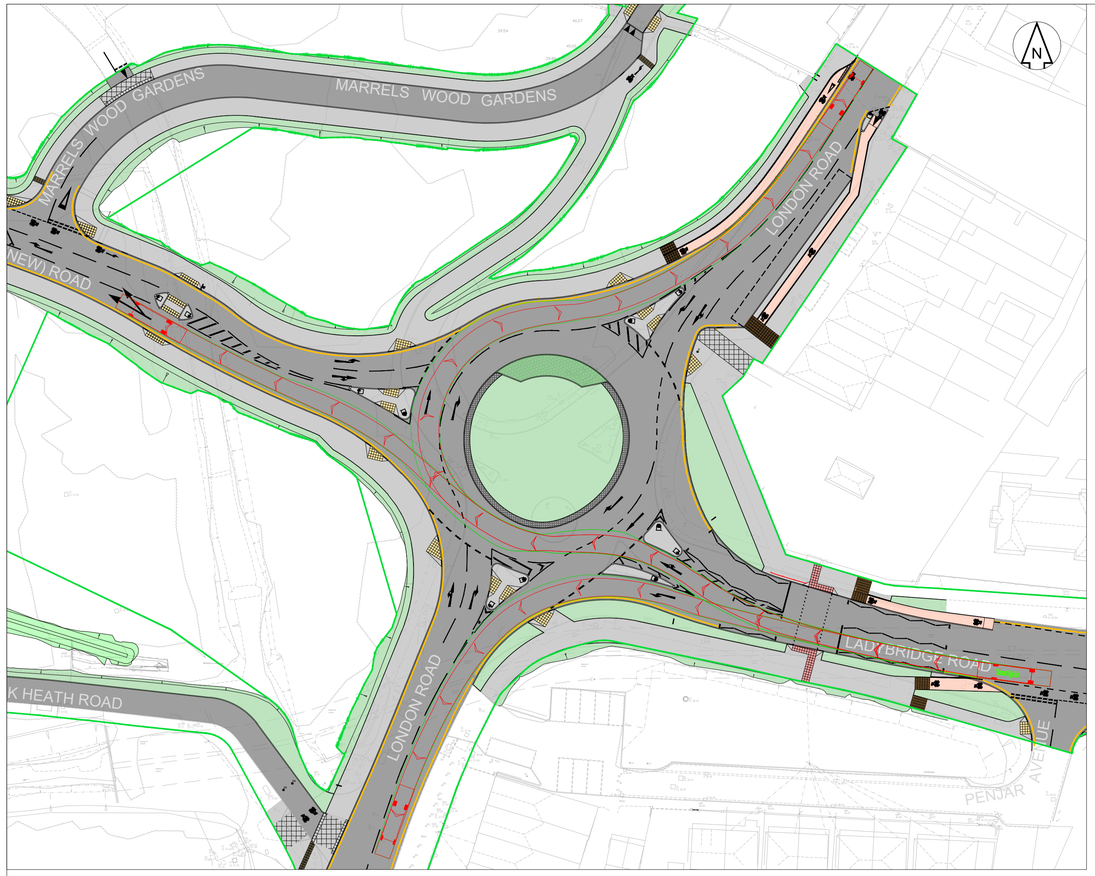

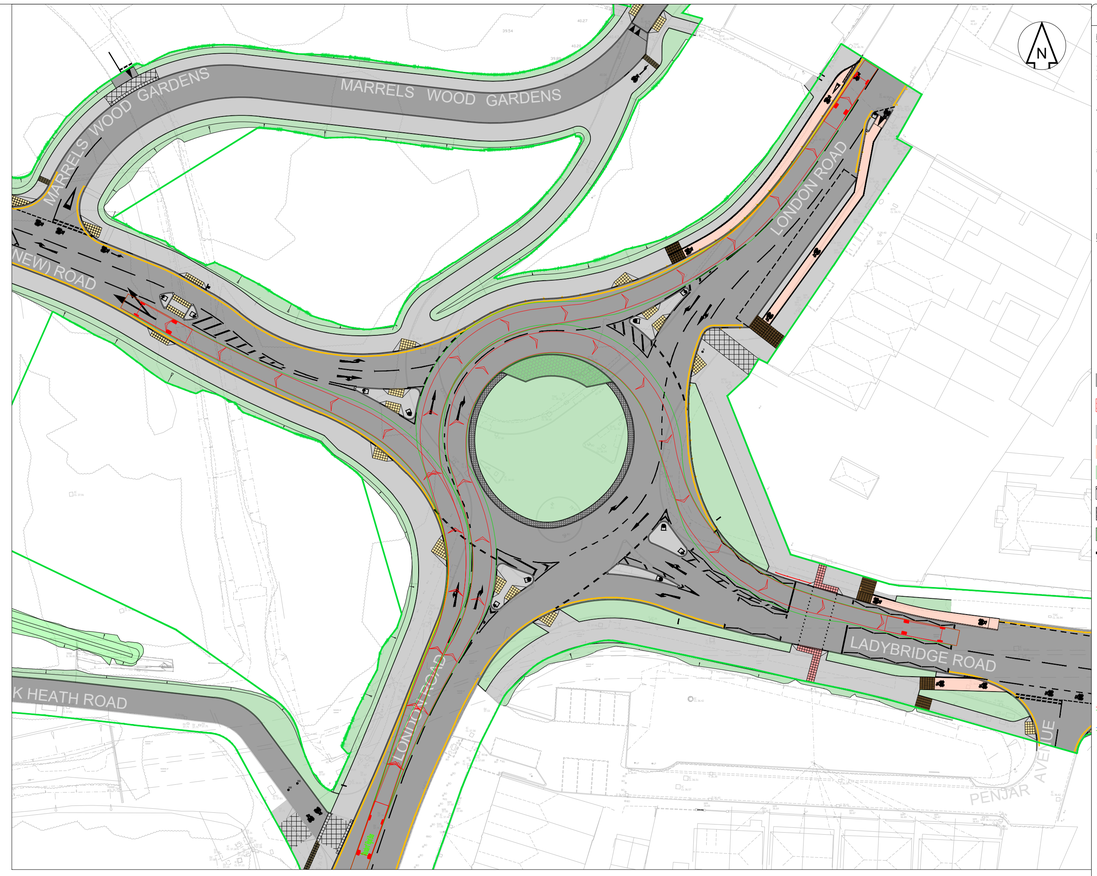

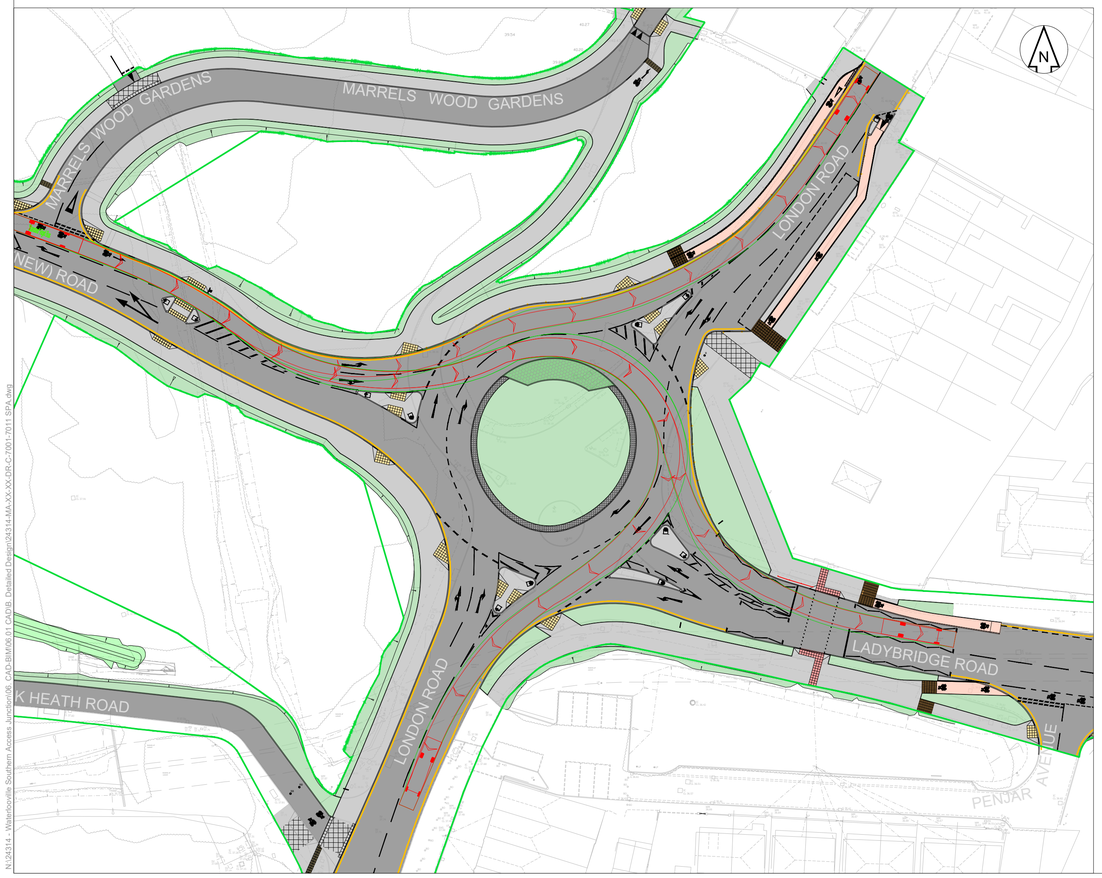

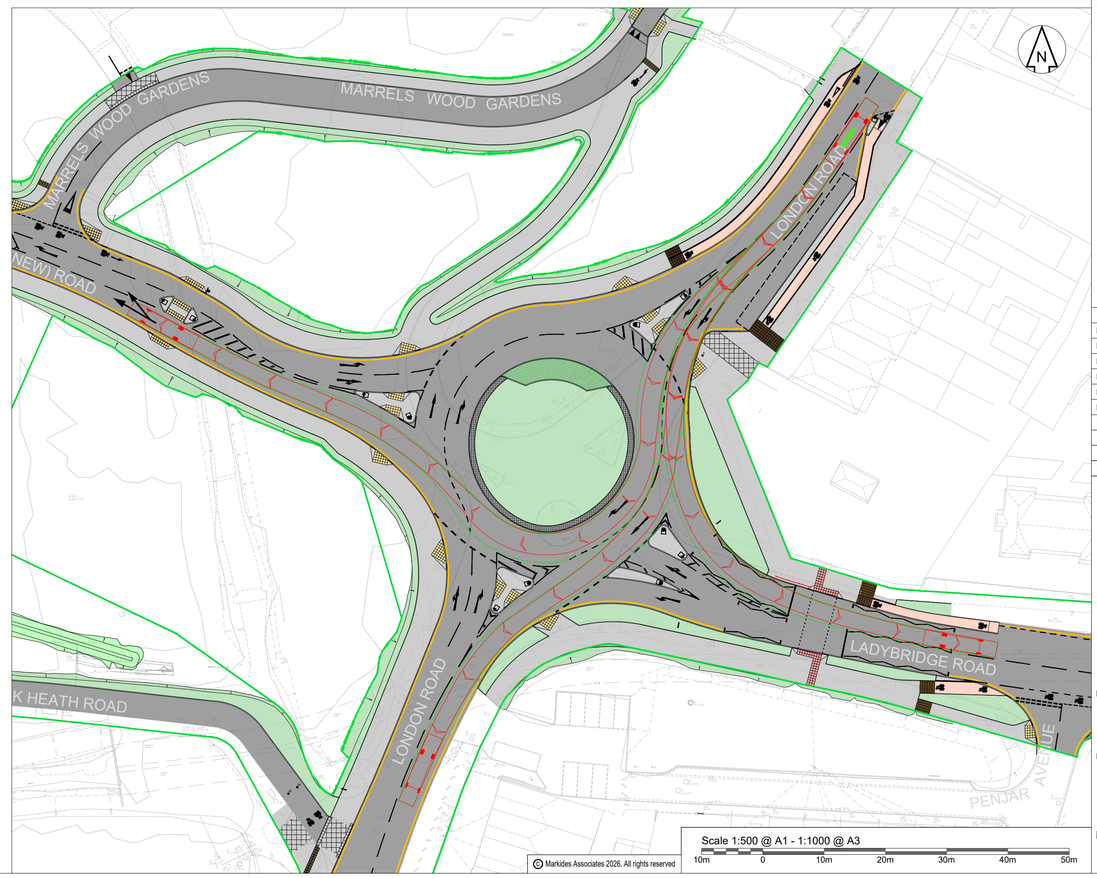

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DO NOT SCALE OFF THIS DRAWING

Notes:

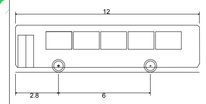
1. Do not scale off this drawing.
2. All dimensions in metres unless otherwise stated.
3. Site Location:
   - 3.1. Nearest postcode - PO7 5EW
   - 3.2. What3Words - pays.saints.branch
4. All dimensions, levels, survey grid co-ordinates and details shown on this drawing are to be checked on site by the 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. For profile of vehicles used for swept path analysis refer to viewports:

KEY:

- 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
- Red coloured asphalt (tarmac ulticolour or similar approved coloured asphalt)
- Proposed asphalt footway
- Proposed cycle lane
- Proposed verge
- Proposed asphalt vehicle crossover
- Proposed 1m tarmacadam strip
- Proposed grasscrete
- Proposed road signs
- Temporary signs mounted on quick fit frame (minimum of 45m away from give way line)
- Proposed flexible bollard (left turn / right turn / plain face)
- Proposed bollard (removable)
- Proposed bollard (concrete)

Vehicle forward speed: 24.15 kph (15 mph)
Vehicle reverse speed: 2.5 kph (1.5 mph)
No dry steering has been used

- Vehicle forward manoeuvre
- Vehicle reverse manoeuvre



'Standard' Rigid Bus

Overall Length	12.000m
Overall Width	2.550m
Overall Body Height	3.069m
Min Body Ground Clearance	0.309m
Track Width	2.350m
Lock to lock time	4.00s
Wall to Wall Turning Radius	10.771m

Revision History

P06	FOR APPROVAL	LB	HJ	HJ	03.06.2026
P05	FOR APPROVAL	LB	LL	HJ	27.05.2026
P04	FOR APPROVAL	LB	SS	HJ	14.11.2025
P03	FOR APPROVAL	LB	SS	HJ	07.11.2025
P02	ISSUE 2	LB	SS	HJ	07.10.2025
P01	FIRST ISSUE	LB	SS	HJ	25.09.2025
Rev	Comment	By	Chkd	Appr	Date

Current Revision

P06	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 - SWEPT PATH ANALYSIS
SINGLE DECKER BUS - ROUNDABOUT
SHEET 7

Markides Associates reference: 24314 1:500 @A1

24314-MA-XX-XX-DR-C-7007-S4 - P06

N:\24314 - Waterlooville Southern Access Junction\06 CAD\-BMW\01 CAD\B. Detailed Design\24314-MA-XX-XX-DR-C-7001-7011-S4.dwg