

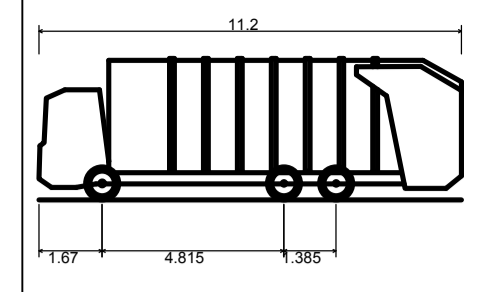
ISO A1 594mm x 841mm
 Approved: TM
 Checked: TM
 Designer: RG
 Project Management Initials:
 Last saved by: MACCLOUGH
 Last Printed: 2017-05-25
 File name: P:\MCD\1\PROJECTS\HIGHWAYS - ST ATHAN\EXECUTION\DOCUMENTS\06 CAD\01 WORKING\DRAWINGS\0150 - VISIBILITY SPLAYS\0609148-SHT-00-0000-CT-151-157.DWG
 Recycled Content Paper

NOTES

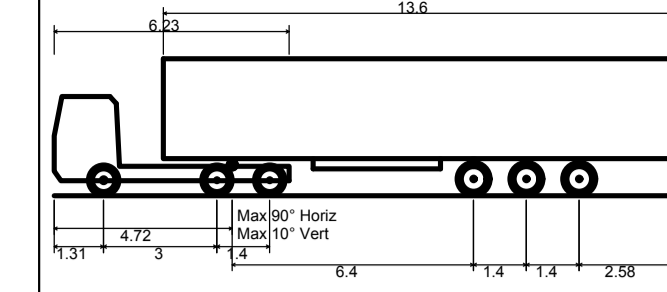
1. ALL DIMENSIONS SHOWN ARE IN METRES UNLESS OTHERWISE SPECIFIED
2. ONLY THE MOST ONEROUS VEHICLES IS SHOWN IN THE SWEEP PATH ANALYSIS
3. SWEEP PATHS AROUND THE ROUNDABOUT CIRCULATORY HAVE BEEN OMITTED FOR CLARITY.
4. TRACKING AT JUNCTIONS HAS BEEN UNDERTAKEN AT 5 Km/h
5. VISIBILITY SPLAYS HAVE BEEN PRODUCED BASED ON THE REQUIREMENTS OF THE DMRB TD 42/95, TD 50/04 AND TD 16/07.

KEY

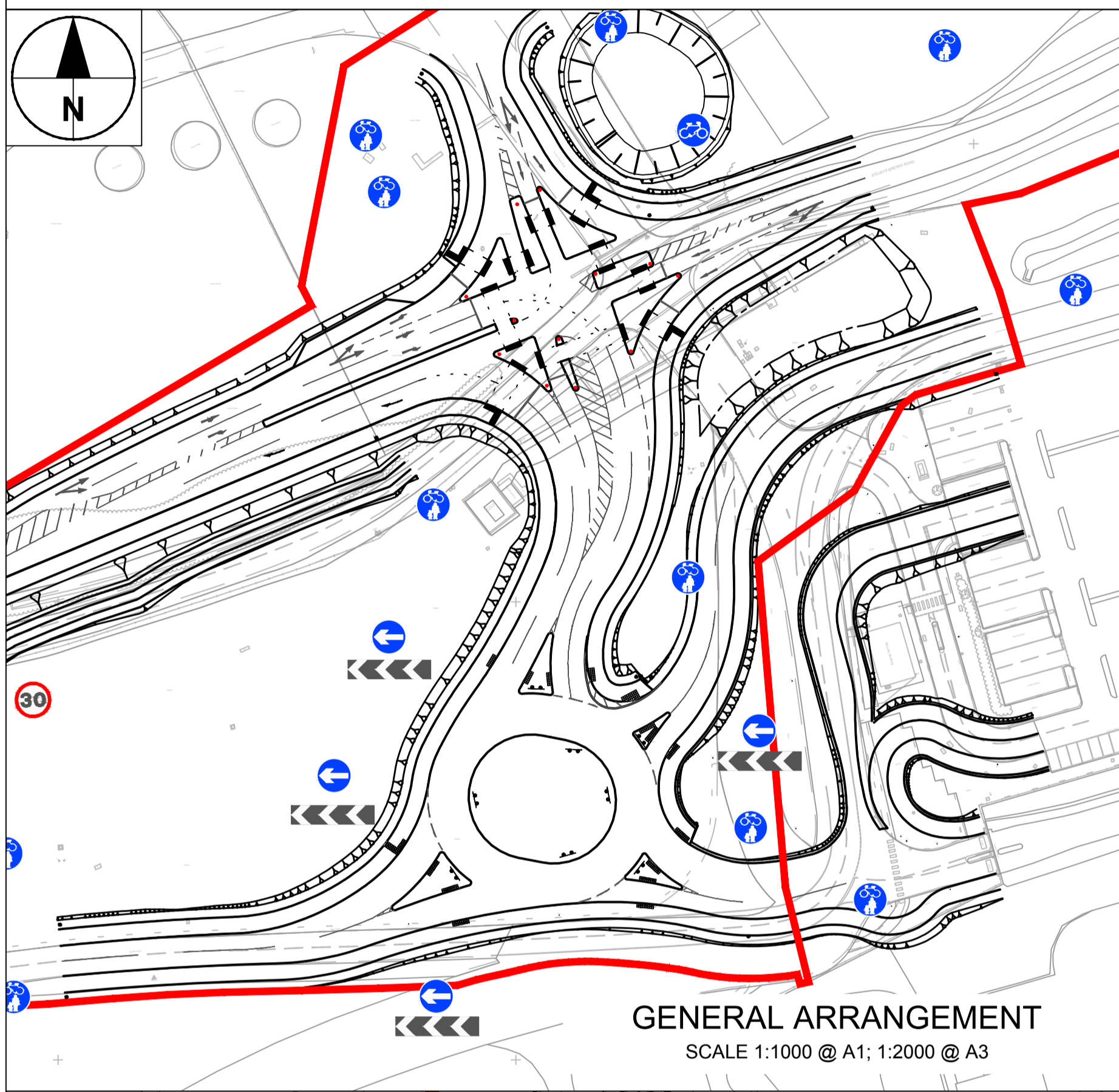
- PLANNING BOUNDARY
- VISIBILITY ENVELOPE
- PROPOSED KERB LINE
- ▲▲ ROAD SIGN
- ▨ PROPOSED BLISTER TACTILES 400mm x 400mm
- VEHICLE OUTLINE
- VEHICLE OVERHANG



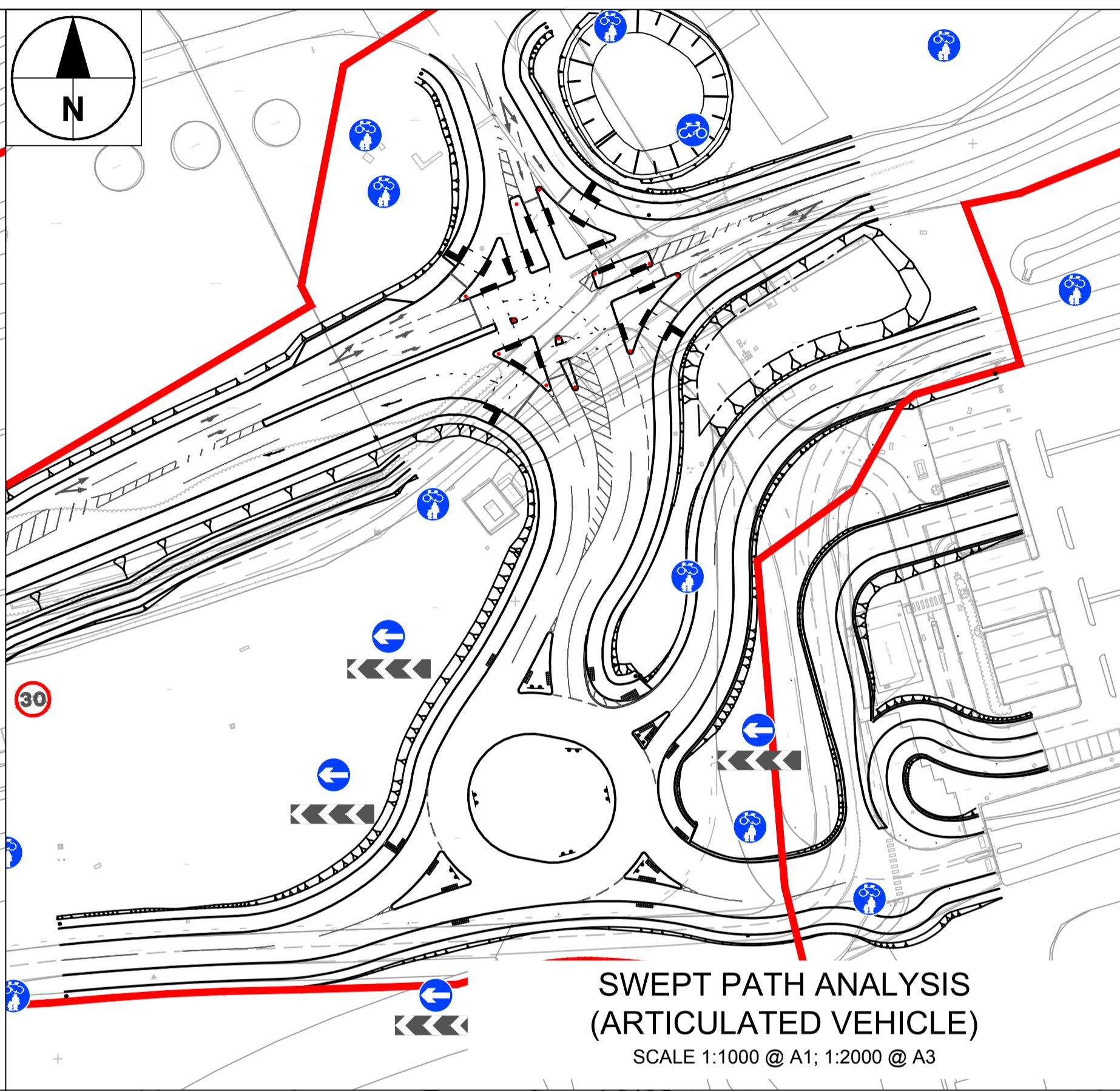
Phoenix 2 Duo (P2-15W with Elite 6x4 chassis)
 Overall Length 11.200m
 Overall Width 2.530m
 Overall Body Height 3.751m
 Min Body Ground Clearance 0.304m
 Track Width 2.500m
 Lock-to-lock time 4.00s
 Curb to Curb Turning Radius 9.500m



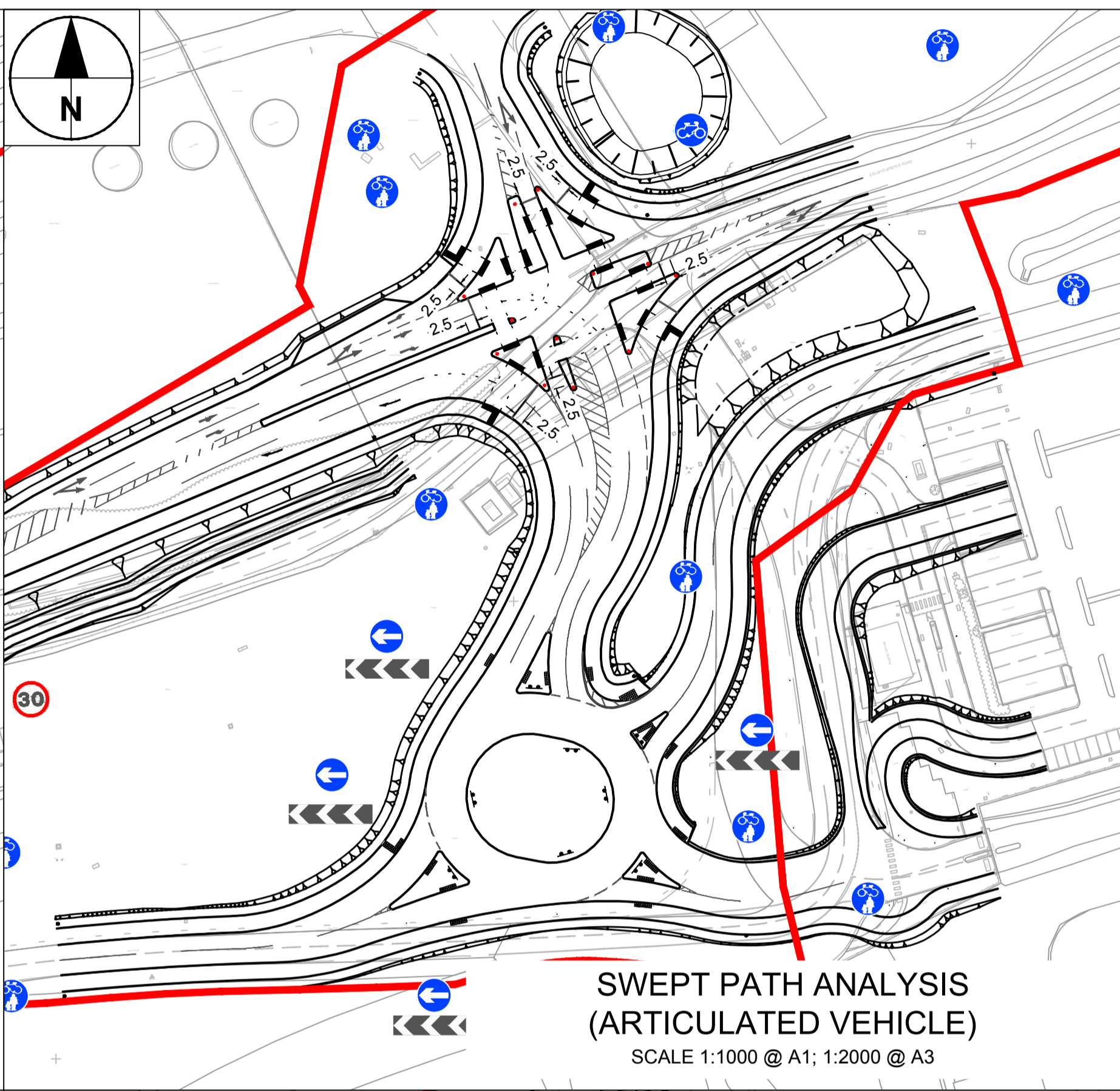
Max Legal Length (UK) 16.500m
 Articulated Vehicle (16.5m)
 Overall Length 16.500m
 Overall Width 2.550m
 Overall Body Height 3.632m
 Min Body Ground Clearance 0.396m
 Max Track Width 2.500m
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 6.870m



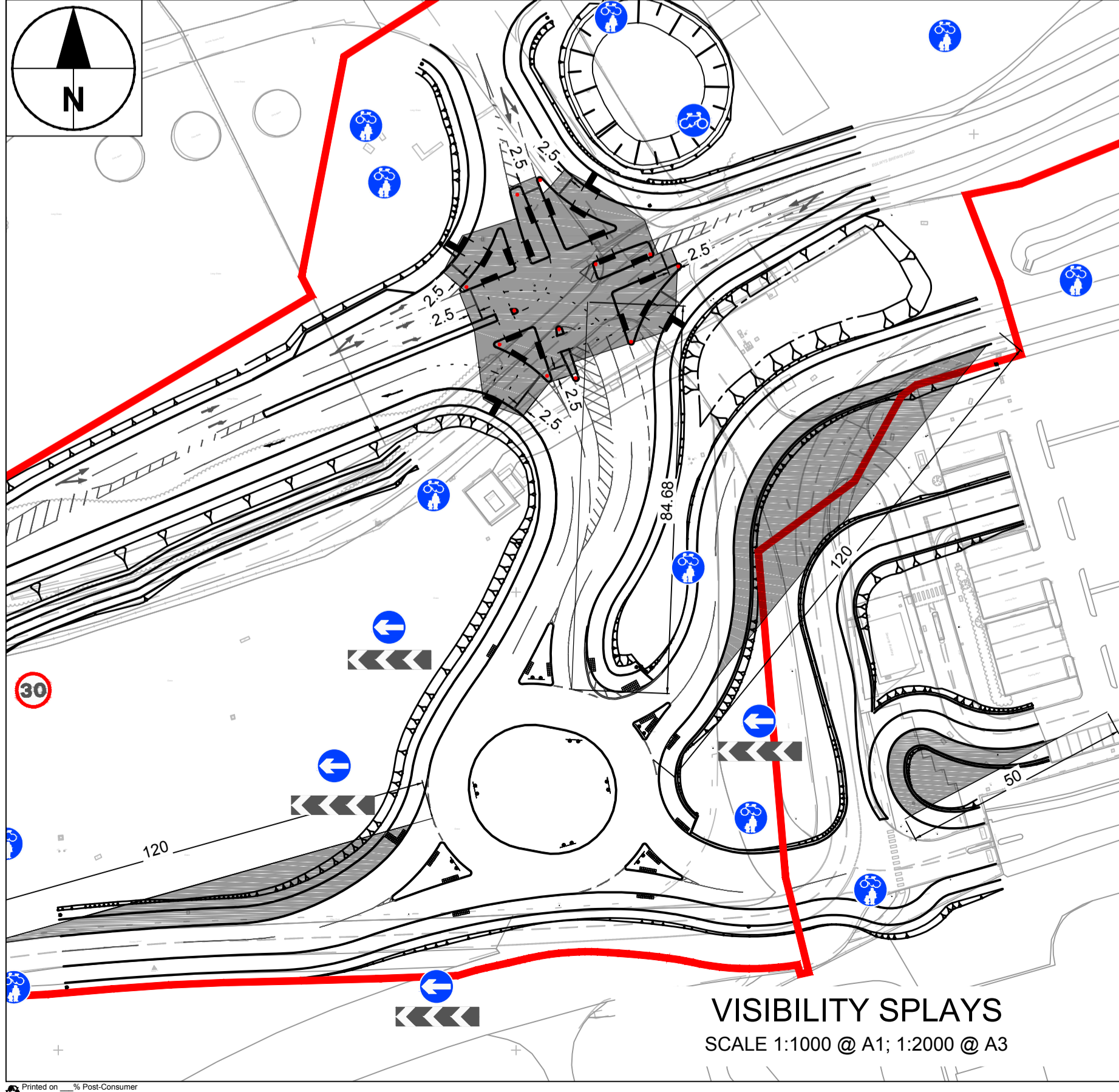
GENERAL ARRANGEMENT
 SCALE 1:1000 @ A1; 1:2000 @ A3



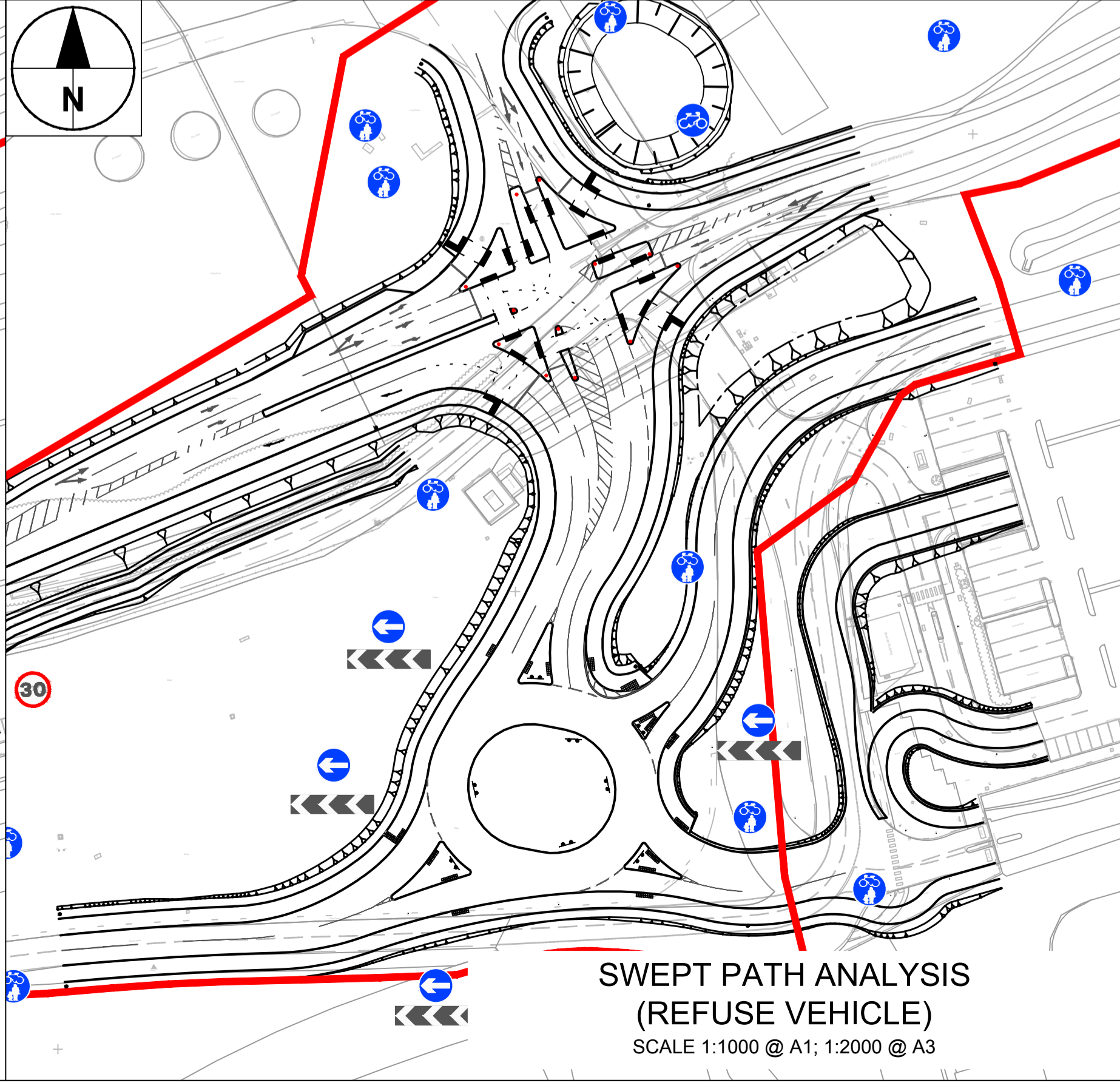
SWEPT PATH ANALYSIS (ARTICULATED VEHICLE)
 SCALE 1:1000 @ A1; 1:2000 @ A3



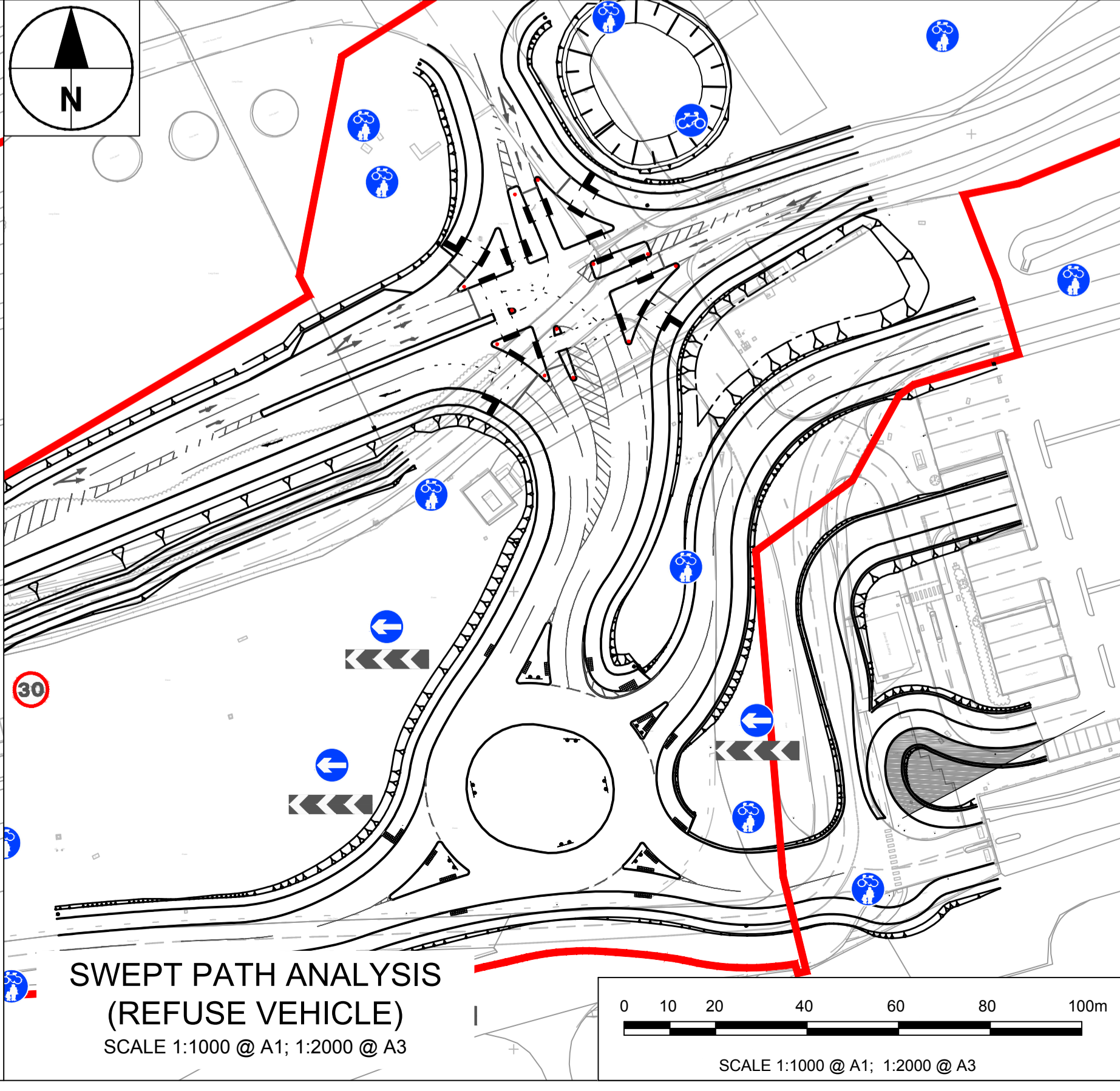
SWEPT PATH ANALYSIS (ARTICULATED VEHICLE)
 SCALE 1:1000 @ A1; 1:2000 @ A3



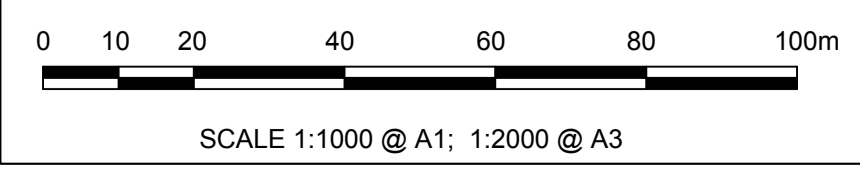
VISIBILITY SPLAYS
 SCALE 1:1000 @ A1; 1:2000 @ A3



SWEPT PATH ANALYSIS (REFUSE VEHICLE)
 SCALE 1:1000 @ A1; 1:2000 @ A3



SWEPT PATH ANALYSIS (REFUSE VEHICLE)
 SCALE 1:1000 @ A1; 1:2000 @ A3



SCALE 1:1000 @ A1; 1:2000 @ A3

AECOM

PROJECT
ST. ATHAN NORTHERN ACCESS ROAD

CLIENT
 WELSH GOVERNMENT

Llywodraeth Cymru
 Welsh Government

CONSULTANT
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following specific residual risks (Reference shall also be made to the design hazard log).

Construction
 UNDERGROUND UTILITIES IN THIS AREA (INC. GAS AND ELECTRICITY)
 WORKING ADJACENT TO WATERCOURSE
 MOD ACTIVITIES IN ADJACENT LAND
 WORKING ON AND ADJACENT TO LIVE CARRIAGEWAY

STATUS

PLANNING SUBMISSION ISSUE	
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ISSUE/REVISION

NO	DATE	DESCRIPTION
B	26-05-2017	AMENDED TO NEW LAYOUT
A	27-03-2017	PLANNING SUBMISSION ISSUE
TR		DATE DESCRIPTION

KEY PLAN

PROJECT NUMBER
 60509148

SHEET TITLE
 ST.ATHAN SWEPT PATH ANALYSIS & VISIBILITY SPLAYS JUNCTION F

SHEET NUMBER
 60509148-SHT-30-0000-CT-0157