

Sports Pavilion



ARCADY ROUNDABOUT GEOMETRY:	(ARM 1) A272 EAST	(ARM 2) DEVELOPMENT ACCESS	(ARM 3) A272 WEST
APPROACH ROAD HALF WIDTH	3.65m	3.25m	3.50m
ENTRY WIDTH	4.50m	4.50m	4.50m
EFFECTIVE FLARE LENGTH	13.50m	12.50m	4.50m
ENTRY RADIUS	40.00m	42.00m	15.00m
INSCRIBED CIRCLE DIAMETER	30.00m	30.00m	30.00m
CONFLICT ANGLE	26.00°	23.00°	31.00°
DEFLECTION	81.29m	96.25m	92.79m

NOTES:

ROUNDABOUT DESIGNED TO CD 116 GEOMETRIC DESIGN OF ROUNDABOUTS (FORMERLY TO 16/07, TO 50/04, TO 54/07, TA 23/81, TA 78/97, TA 86/03, TO 70/08)

DESIGN IS BASED ON TOPOGRAPHICAL SURVEY PRODUCED BY MARVIN & PARTNERS LTD DATED FEB 2023

ROUNDABOUT SUBJECT TO FURTHER DESIGN REFINEMENT OF NON-VEHICULAR WORKS, SPEED SURVEYS, ROAD SAFETY AUDIT, LAND OWNERSHIP CONFIRMATION, ARBORE/CULTURAL SURVEY AND DISCUSSIONS WITH HIGHWAYS

THE PEDESTRIAN/CYCLE ACCESS STRATEGY IS SUBJECT TO DISCUSSIONS WITH HIGHWAYS BUT INDICATIVE ROUTING/CROSSING LOCATIONS HAVE BEEN SHOWN SUBJECT TO REVIEW AGAINST LAND OWNERSHIP/CONSTRAINTS INFORMATION, ECOLOGY INFORMATION AND ARBORE/CULTURAL SURVEY.

STREET LIGHTING TO BE CONSIDERED.

SPEED DISCRIMINATION EQUIPMENT TO BE CONSIDERED IF REQUIRED.

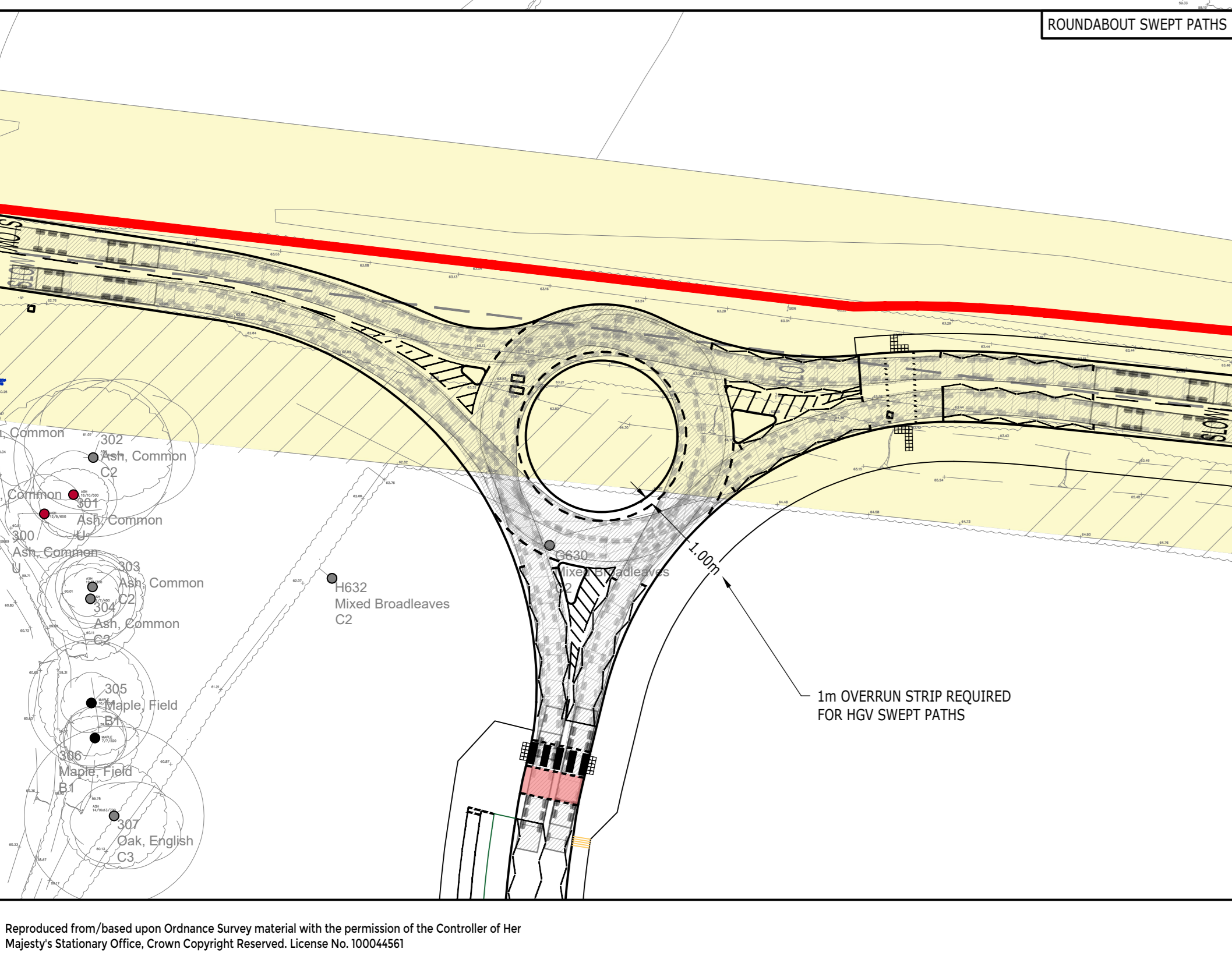
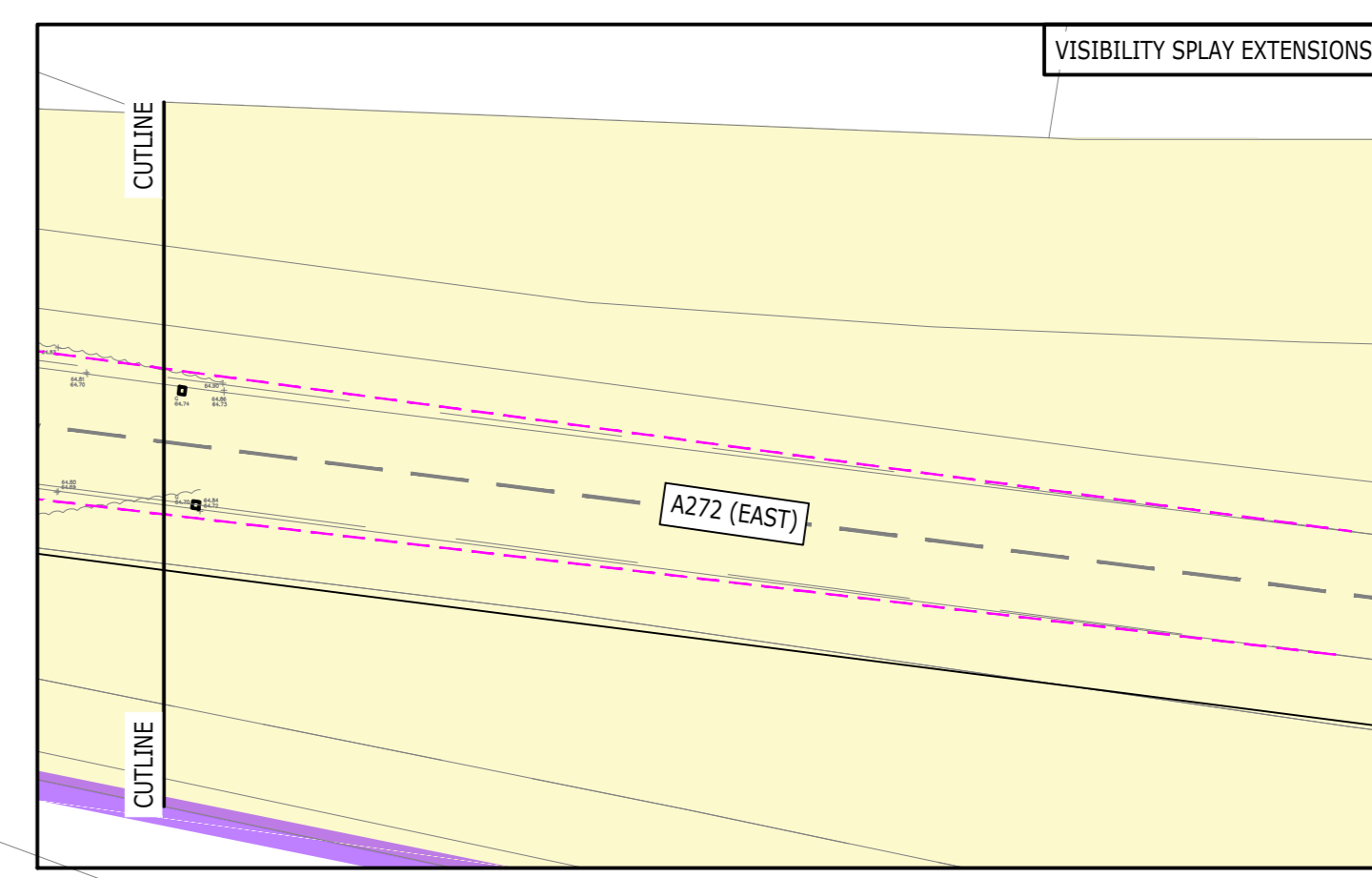
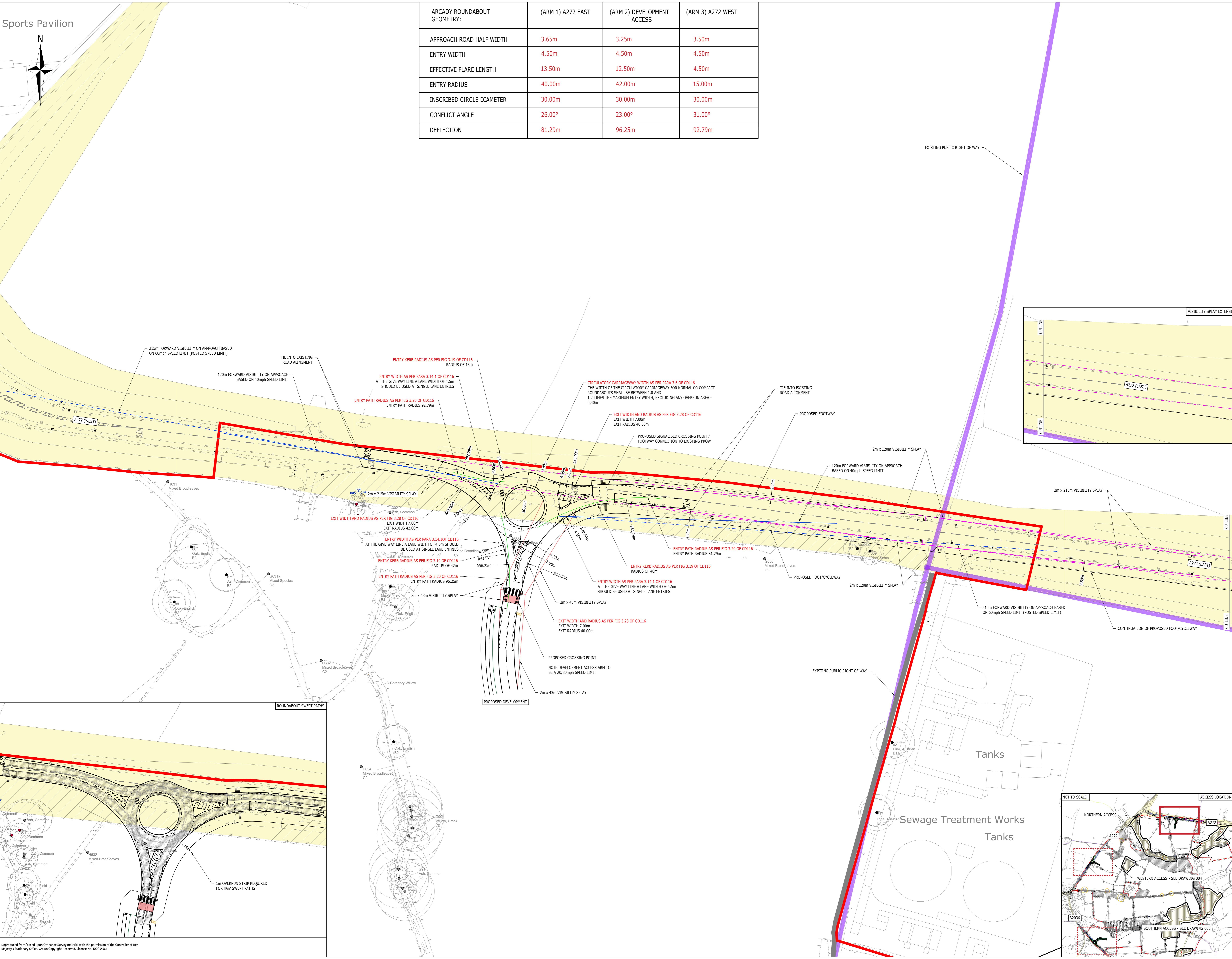
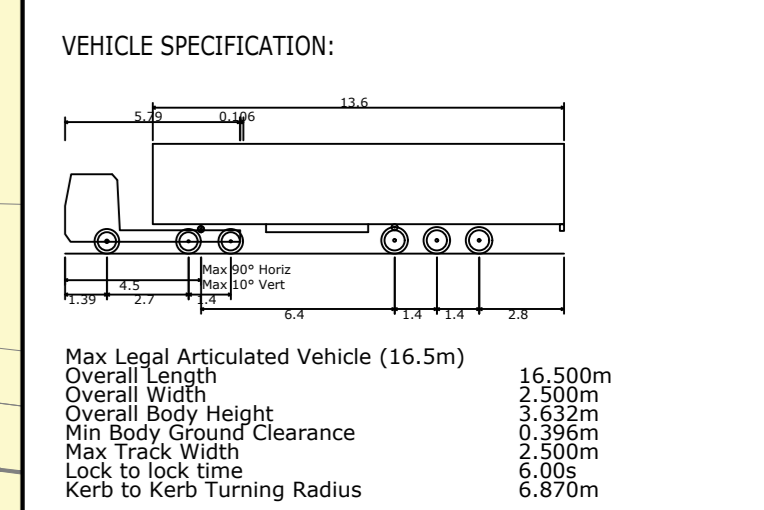
VEGETATION WITHIN VISIBILITY SPLAYS TO BE TRIMMED AND CUT BACK TO KEEP VISIBILITY SPLAYS CLEAR.

DESIGN IN ACCORDANCE WITH THE CURRENT POSTED SPEED LIMIT, ANY REDUCTION IN SPEED LIMIT IS SUBJECT TO REVIEW BY WSCC.

SIGNAGE TO BE IN ACCORDANCE WITH TSRGD AND LTN 1/20 STANDARDS.

KEY:

- INDICATIVE SITE BOUNDARY
- EXISTING PUBLIC RIGHT OF WAY
- DEFLECTION ANGLE
- FORWARD VISIBILITY SPY BASED ON 40mph SPEED LIMIT
- FORWARD VISIBILITY SPY BASED ON 60mph SPEED LIMIT
- 120m PEDESTRIAN VISIBILITY SPY
- 215m PEDESTRIAN VISIBILITY SPY
- 43m PEDESTRIAN VISIBILITY SPY
- HIGHWAY BOUNDARY TRANSCRIBED FROM WEST SUSSEX RECORDS



DRAFT

Rev	Description	Drn	Chk	App	Date
C	REDLINE BOUNDARY UPDATED	BT	DV	DW	22.05.25
F	UPDATED FOLLOWING STAGE 1 ISA COMMENTS	DV	DV	DW	17.10.23
E	UPDATED TO LATEST PROPOSALS	DV	DH	KM	14.09.23
D	UPDATED TO WSCC COMMENTS	DV	DH	KM	12.07.23
C	OFF-SITE WORKS UPDATED	DV	DH	KM	18.06.23
B	ACCESS SHIFTED WEST AS PER MASTERPLAN	DV	DH	KM	18.05.23
A	FRESH SURVEY ADDED / REDLINE UPDATED	DV	DH	KM	15.04.23

**ARDENT** CONSULTING ENGINEERS

Third Floor  
The Helix Building  
52-56 Leadenhall Street  
London  
EC3M 5JE

Tel: 020 7680 4088  
Web: www.ardent-ce.co.uk  
E-mail: enquiries@ardent-ce.co.uk

Client: **FAIRFAX ACQUISITIONS LTD**

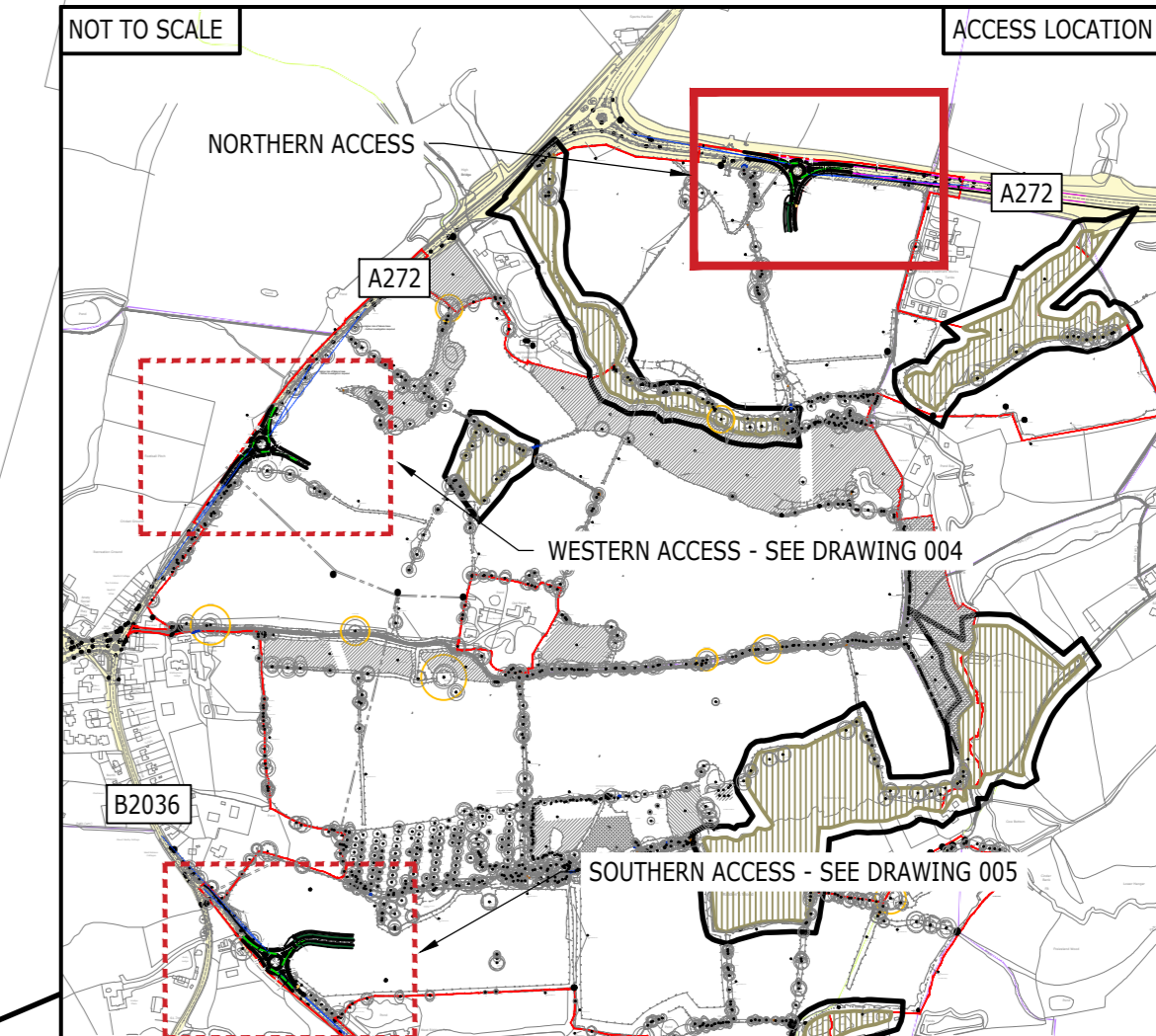
Project Title: **LAND AT ANTSY FARM, MID SUSSEX**

Drawing Title: **PROPOSED ROUNDABOUT NORTHERN ACCESS (A272)**

AO Scale: 1:500 Date: 22.02.23 Designed by: DV

Drawn by: DV Checked by: DH Approved by: DH

Drawing Number: **2207280-003** Rev: C



Reproduced from/based upon Ordnance Survey material with the permission of the Controller of Her Majesty's Stationary Office. Crown Copyright Reserved. License No. 10004561