

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 14/07, TO 50/04, TO 51/17, 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, ARBOREAL 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 ARBOREAL 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.

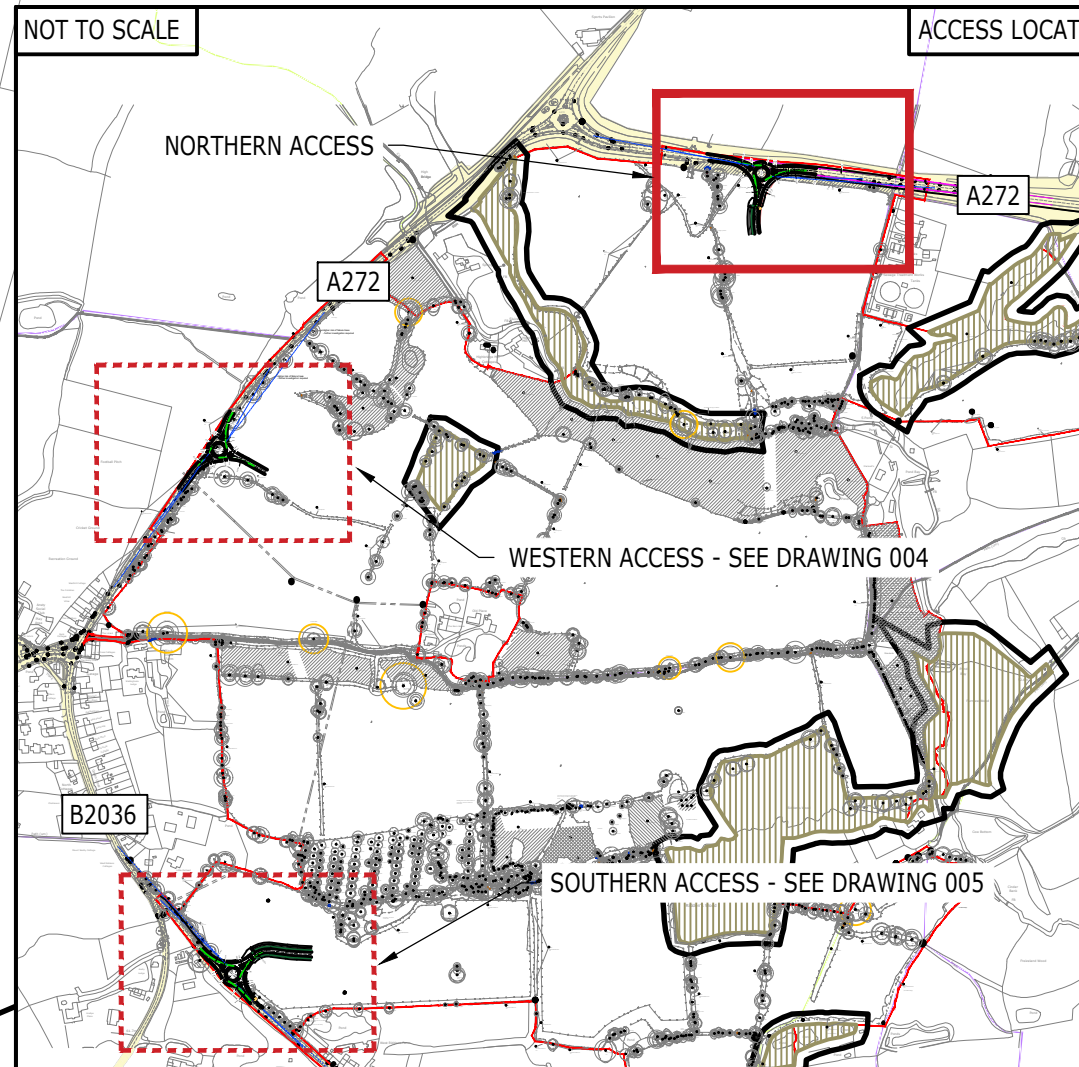
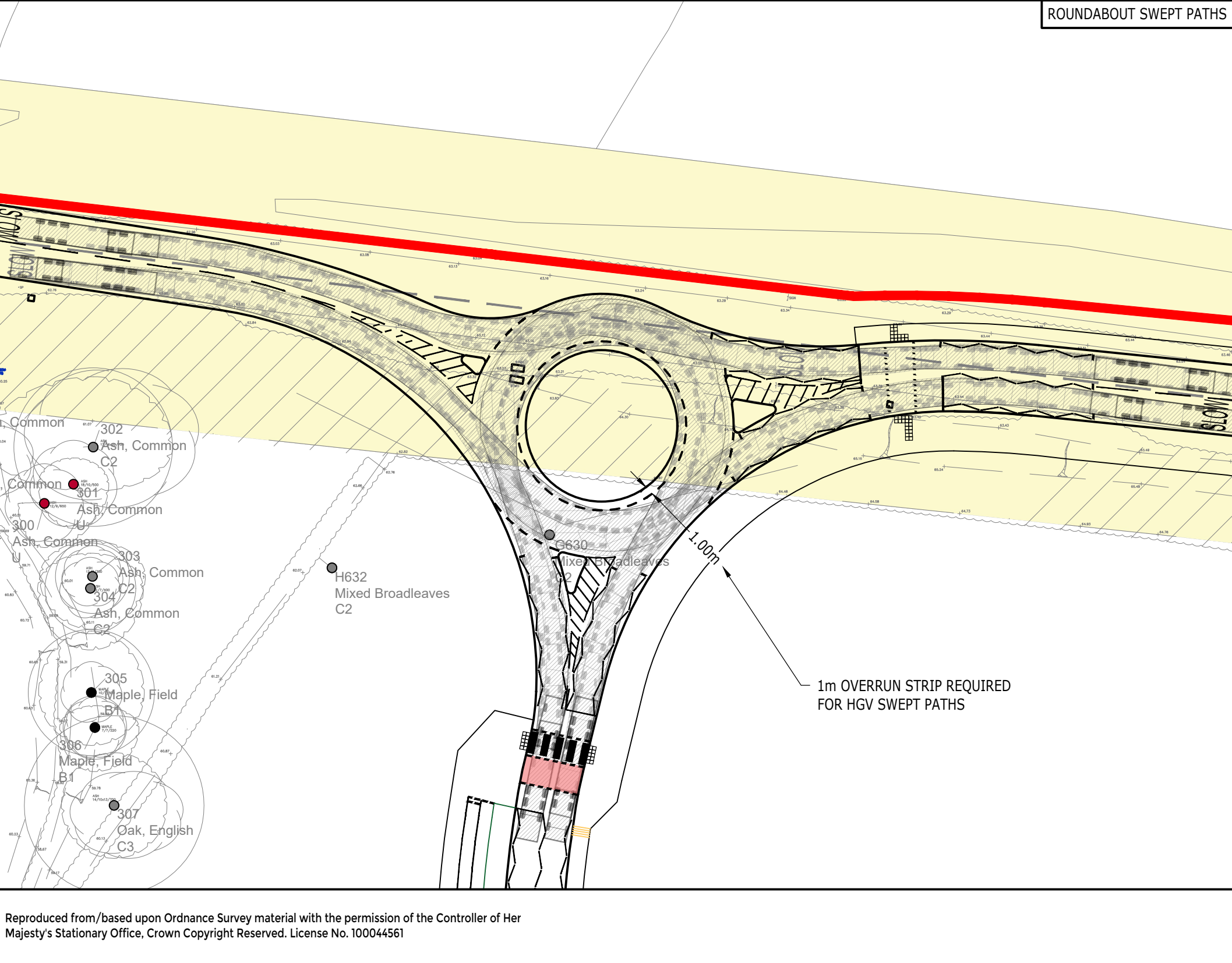
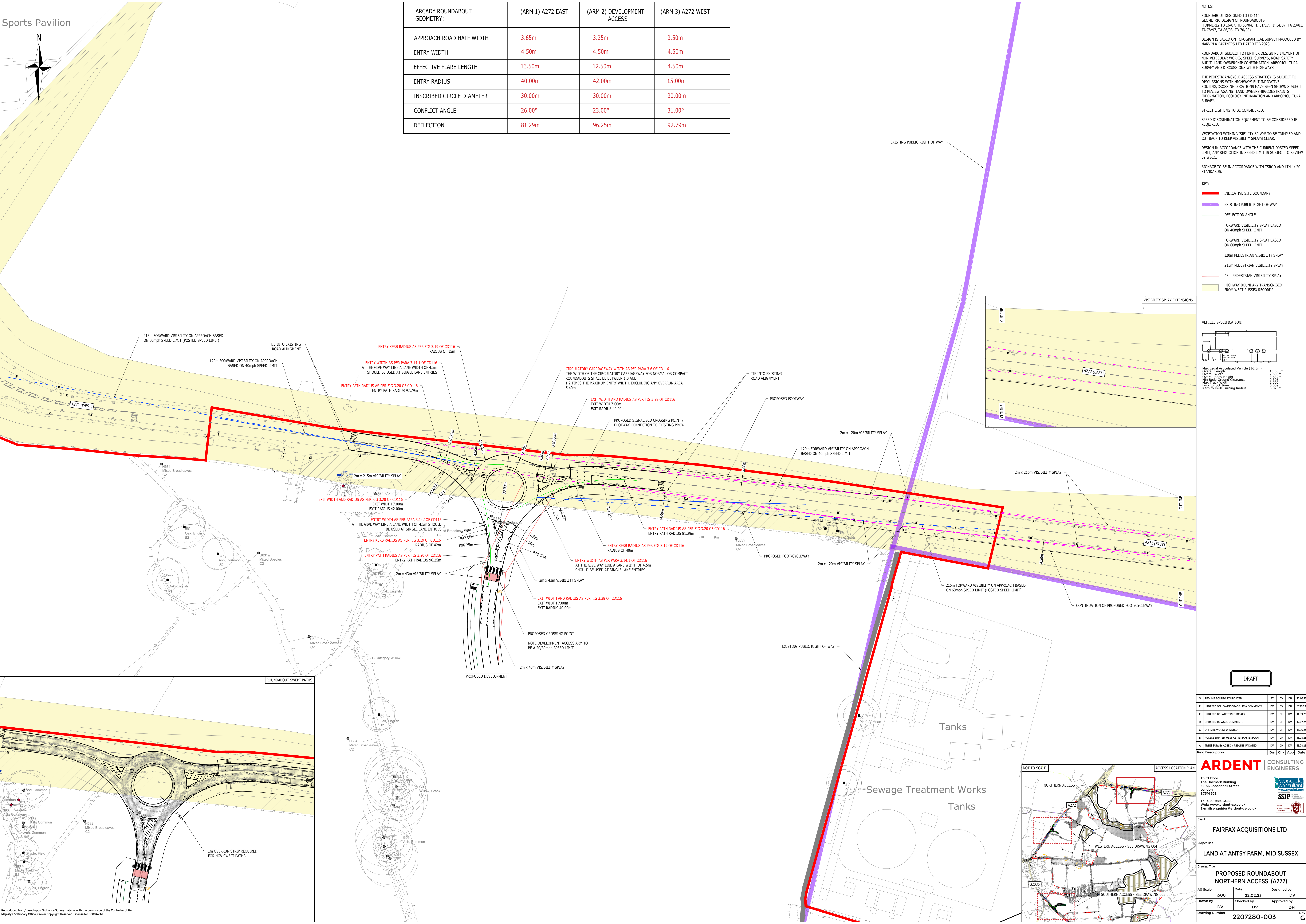
DESIGN IN ACCORDANCE WITH THE CURRENT POSTED SPEED
LIMIT, ANY REDUCTION IN SPEED LIMIT IS SUBJECT TO REVIEW
BY WSCC.

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

VEHICLE SPECIFICATION:

Max Legal Articulated Vehicle (16.5m)	16.500m
Overall Length	12.500m
Overall Width	2.500m
Min Body Ground Clearance	0.396m
Min Track Width	2.500m
Lock to lock time	6.000s
Kerb to Kerb Turning Radius	6.870m



DRAFT

C	REDLINE BOUNDARY UPDATED	BT	DV	DH	22.05.25
F	UPDATED FOLLOWING STAGE 1 RIA COMMENTS	DV	DH	DH	17.02.25
E	UPDATED TO LATEST PRIORORALS	DV	DH	KM	14.09.23
D	UPDATED TO WSCC COMMENTS	DV	DH	KM	12.07.21
C	OFF-SITE WORKS UPDATED	DV	DH	KM	10.06.23
B	ACCESS SHIFTED WEST AS PER MASTERPLAN	DV	DH	KM	16.05.23
A	TREES SURVEY ADDED / REDLINE UPDATED	DV	DH	KM	13.04.23
Rev	Description	Dwn	Chk	App	Date

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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: DV Approved by: DH
Drawing Number: 2207280-003 Rev: C