

ARCADY ROUNDABOUT GEOMETRY:	(ARM 1) B2036 NORTH	(ARM 2) DEVELOPMENT ACCESS	(ARM 3) B2036 SOUTH
APPROACH ROAD HALF WIDTH	3.00m	3.25m	3.30m
ENTRY WIDTH	4.50m	4.50m	4.50m
EFFECTIVE FLARE LENGTH	10.00m	11.00m	14.50m
ENTRY RADIUS	40.00m	20.00m	15.00m
INSCRIBED CIRCLE DIAMETER	30.00m	30.00m	30.00m
CONFLICT ANGLE	30.00°	37.00°	29.00°
DEFLECTION	70.18m	67.00m	99.84m

NOTES:

ROUNDABOUT DESIGNED TO CD 116
 GEOMETRIC DESIGN OF ROUNDABOUTS
 (FORMERLY TO 16/97, TO 50/94, 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, ARBORICULTURAL 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 ARBORICULTURAL SURVEY

STREET LIGHTING TO BE CONSIDERED.

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 SPREAD BASED ON 40mph SPEED LIMIT
 - FORWARD VISIBILITY SPREAD BASED ON 60mph SPEED LIMIT
 - 43m FORWARD VISIBILITY SPREAD
 - 43m PEDESTRIAN VISIBILITY SPREAD
 - HIGHWAY BOUNDARY TRANSCRIBED FROM WEST SUSSEX RECORDS

VEHICLE SPECIFICATION:

Max Legal Articulated Vehicle (16.5m)	16.500m
Overall Width	2.550m
Overall Body Height	3.632m
Min Body Ground Clearance	0.250m
Max Trunk Width	2.500m
Lock to Kerb Turn Radius	6.875m

DRAFT

Rev	Description	Chk	App	Date
E	REDLINE BOUNDARY UPDATED	BT	DV	21.05.23
D	UPDATED FOLLOWING STAGE 1 ISA COMMENTS	DV	DV	17.10.21
C	CYCLE ROUTE EXTENDED ALONG SOUTHERN ARM	ADS	DM	28.09.23
B	UPDATED TO WSCC COMMENTS	DV	DM	12.07.23
A	FREES SURVEY ADDED / REDLINE UPDATED	DV	DM	15.04.23

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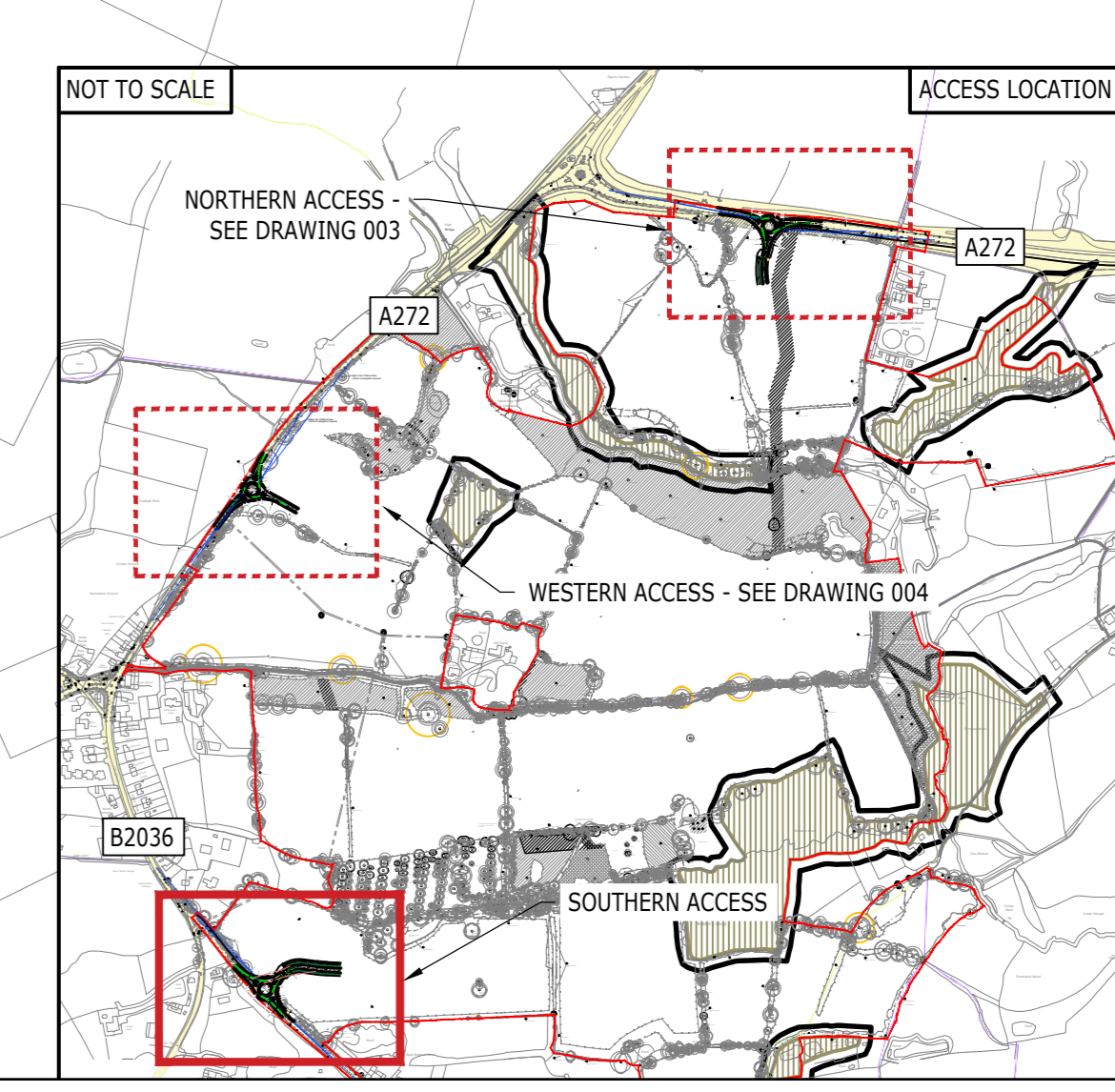
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FAIRFAX ACQUISITIONS LTD

Project Title:
LAND AT ANTSY FARM, MID SUSSEX

Drawing Title:
PROPOSED ROUNDABOUT SOUTHERN ACCESS (B2036)

AO Scale: 1:500 Date: 22.02.23 Designed by: DV
 Drawn by: DV Checked by: DV Approved by: DH
 Drawing Number: 2207280-005 Rev: E



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