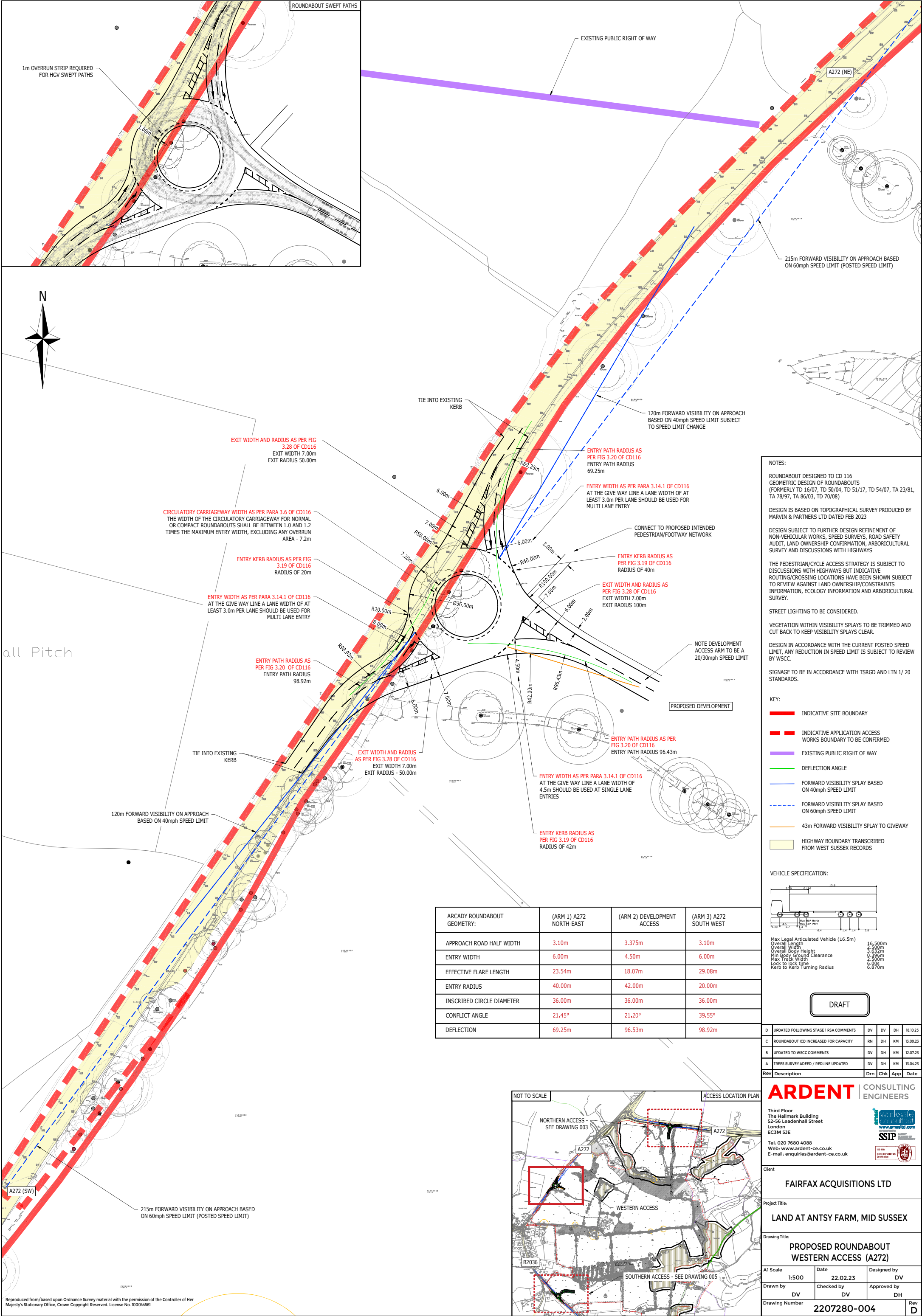




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ARCADY ROUNDABOUT GEOMETRY:	(ARM 1) A272 NORTH-EAST	(ARM 2) DEVELOPMENT ACCESS	(ARM 3) A272 SOUTH WEST
APPROACH ROAD HALF WIDTH	3.10m	3.375m	3.10m
ENTRY WIDTH	6.00m	4.50m	6.00m
EFFECTIVE FLARE LENGTH	23.54m	18.07m	29.08m
ENTRY RADIUS	40.00m	42.00m	20.00m
INSCRIBED CIRCLE DIAMETER	36.00m	36.00m	36.00m
CONFLICT ANGLE	21.45°	21.20°	39.55°
DEFLECTION	69.25m	96.53m	98.92m

NOTES:

ROUNDABOUT DESIGNED TO CD 116
GEOMETRIC DESIGN OF ROUNDABOUTS
(FORMERLY TD 16/07, TD 50/04, TD 51/17, TD 54/07, TA 23/81, TA 78/97, TA 86/03, TD 70/08)

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

DESIGN 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
- INDICATIVE APPLICATION ACCESS WORKS BOUNDARY TO BE CONFIRMED
- EXISTING PUBLIC RIGHT OF WAY
- DEFLECTION ANGLE
- FORWARD VISIBILITY SPLAY BASED ON 40mph SPEED LIMIT
- FORWARD VISIBILITY SPLAY BASED ON 60mph SPEED LIMIT
- 43m FORWARD VISIBILITY SPLAY TO GIVEWAY
- HIGHWAY BOUNDARY TRANSCRIBED FROM WEST SUSSEX RECORDS

VEHICLE SPECIFICATION:

Max Legal Articulated Vehicle (16.5m)
Overall Length 16.500m
Overall Width 3.632m
Overall Body Height 0.395m
Max Track Width 2.500m
Lock to lock time 6.89s
Kerb to Kerb Turning Radius 6.870m

DRAFT

D	UPDATED FOLLOWING STAGE 1 RSA COMMENTS	DV	DV	DH	18.10.23
C	ROUNDABOUT ICD INCREASED FOR CAPACITY	RN	DH	KM	13.09.23
B	UPDATED TO WSCC COMMENTS	DV	DH	KM	12.07.23
A	TREES SURVEY ADEED / REDLINE UPDATED	DV	DH	KM	13.04.23
Rev	Description	Drm	Chk	App	Date

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Client
FAIRFAX ACQUISITIONS LTD

Project Title
LAND AT ANTSY FARM, MID SUSSEX

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

A1 Scale 1:500	Date 22.02.23	Designed by DV
Drawn by DV	Checked by DV	Approved by DH
Drawing Number 2207280-004		Rev D

