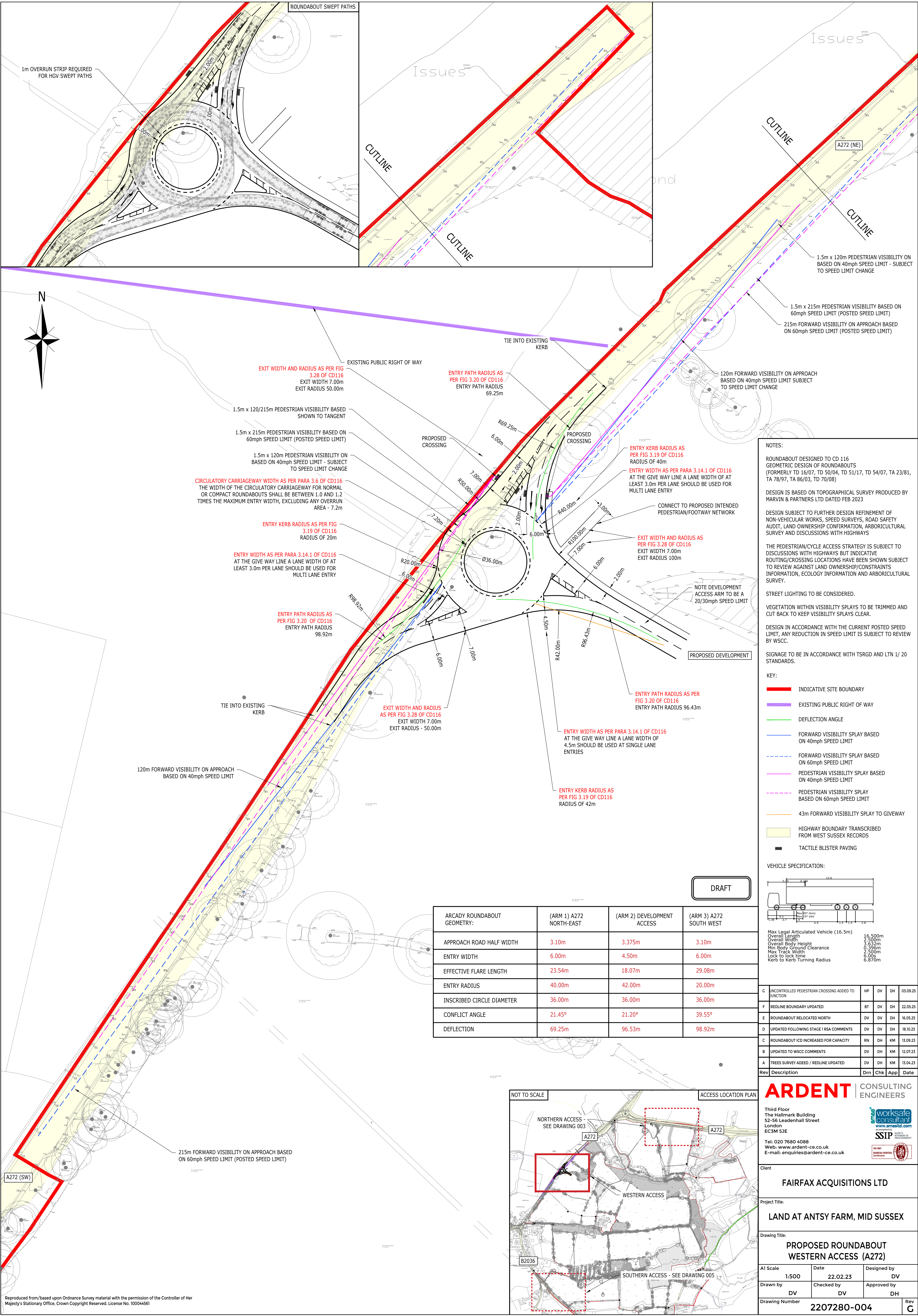




NOTES:

ROUNDBOUT DESIGNED TO CD 116
GEOMETRIC DESIGN OF ROUNDBOUTS
(FORMERLY TO 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.

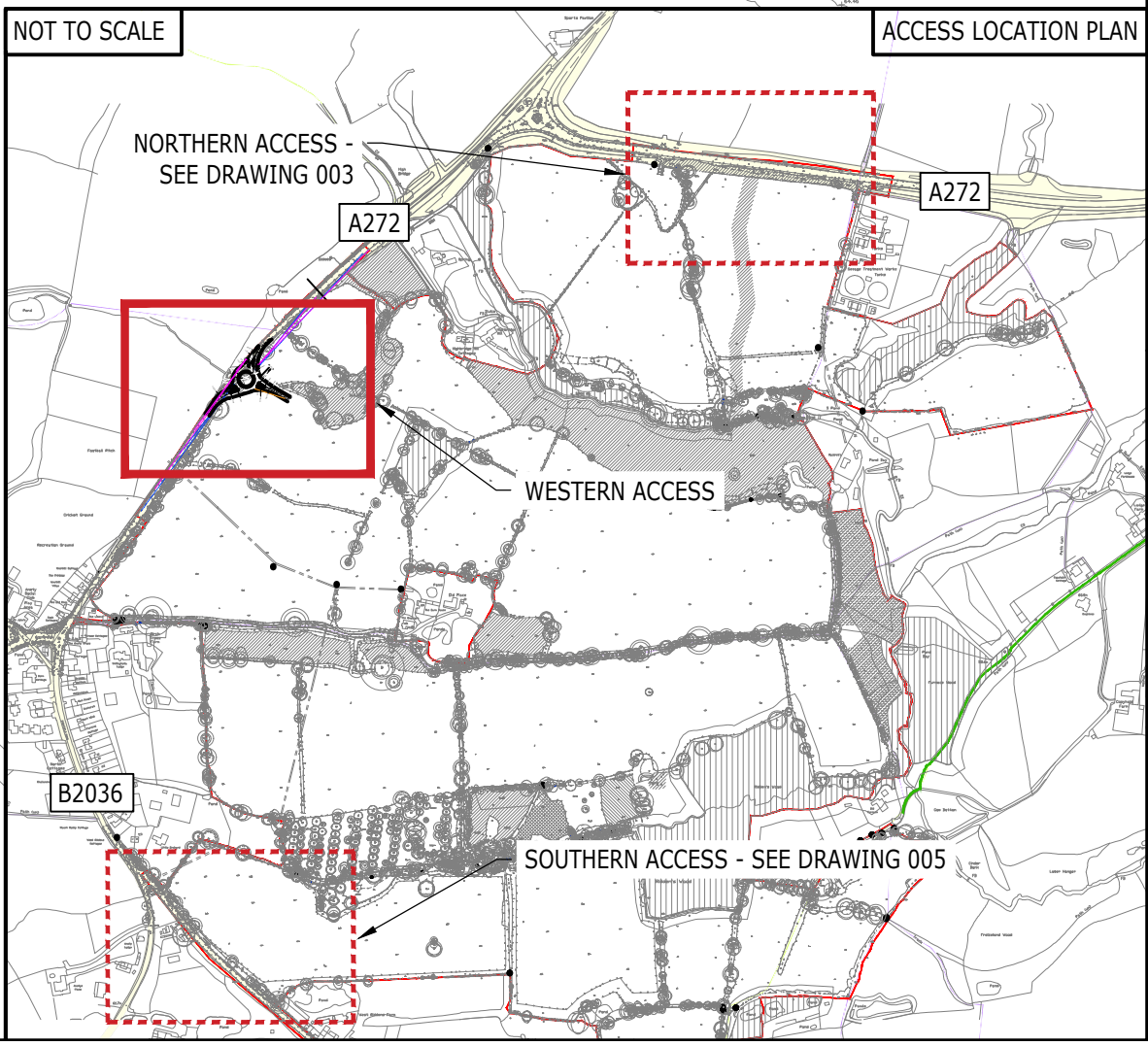
VEGETATION WITHIN VISIBILITY SPLAYS TO BE TRIMMED AND CUT BACK TO KEEP VISIBILITY SPLAYS CLEAR.

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
 - EXISTING PUBLIC RIGHT OF WAY
 - DEFLECTION ANGLE
 - FORWARD VISIBILITY SPLAY BASED ON 40mph SPEED LIMIT
 - FORWARD VISIBILITY SPLAY BASED ON 60mph SPEED LIMIT
 - PEDESTRIAN VISIBILITY SPLAY BASED ON 40mph SPEED LIMIT
 - PEDESTRIAN VISIBILITY SPLAY BASED ON 60mph SPEED LIMIT
 - 43m FORWARD VISIBILITY SPLAY TO GIVEWAY
 - HIGHWAY BOUNDARY TRANSCRIBED FROM WEST SUSSEX RECORDS
 - TACTILE BLISTER PAVING
- VEHICLE SPECIFICATION:
-
- Max Legal Articulated Vehicle (16.5m)
- | | |
|-----------------------------|---------|
| Overall Length | 16.500m |
| Overall Width | 2.500m |
| Overall Body Height | 3.632m |
| Min Body Ground Clearance | 0.396m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.870m |

ARCADY ROUNDBOUT 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



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SSIP
SAFETY
MANAGEMENT
SYSTEM
CERTIFICATION

Client:

FAIRFAX ACQUISITIONS LTD

Project Title:

LAND AT ANTSY FARM, MID SUSSEX

Drawing Title:

**PROPOSED ROUNDBOUT
WESTERN ACCESS (A272)**

A1 Scale	Date	Designed by
1:500	22.02.23	DV
Drawn by	Checked by	Approved by
DV	DV	DH

Drawing Number

2207280-004

Rev

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