

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 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.

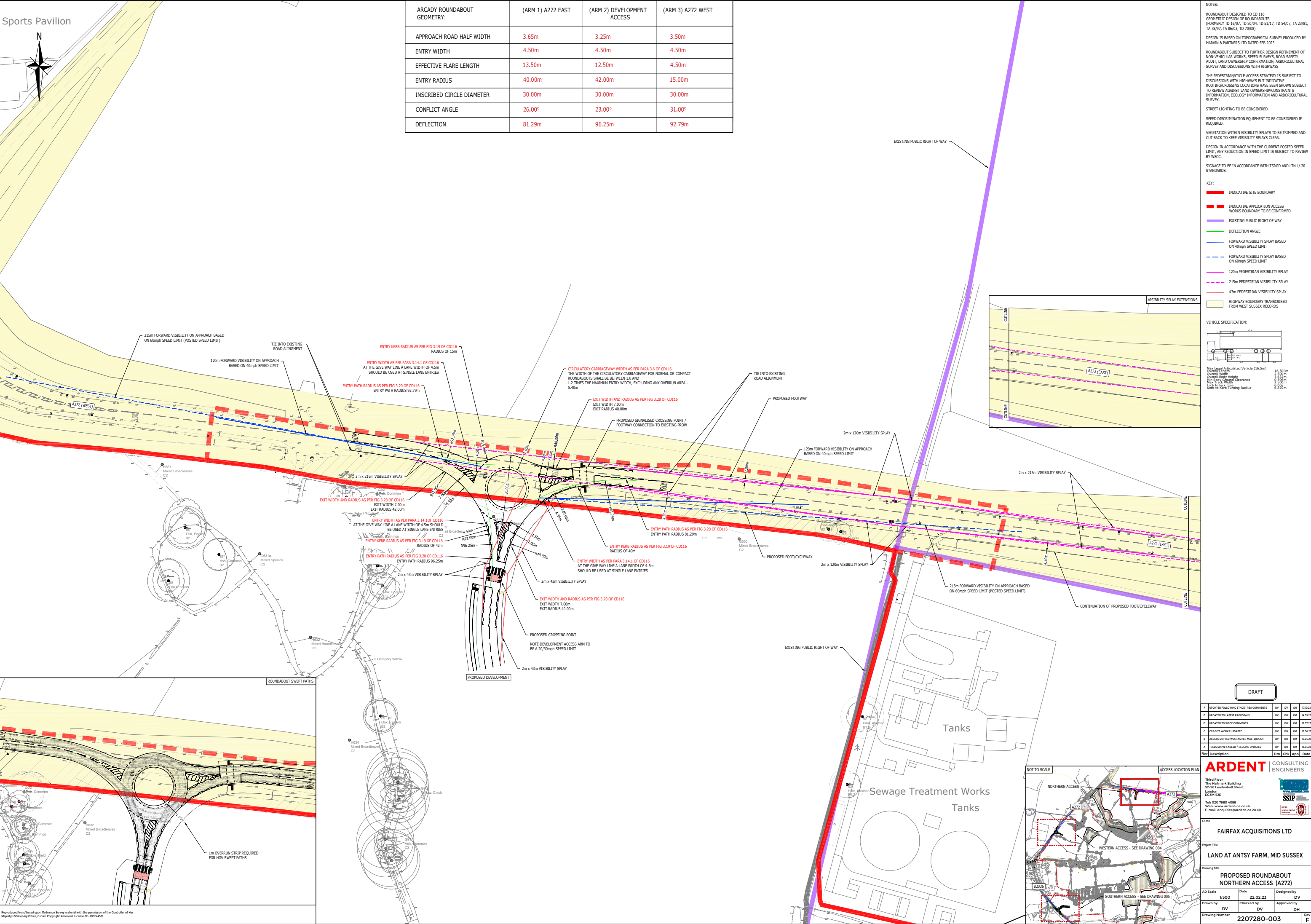
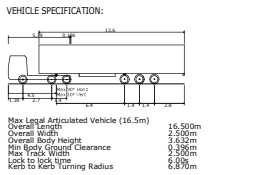
SPEED DISCRIMINATION EQUIPMENT TO BE CONSIDERED IF REQUIRED.

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
 - INDICATIVE APPLICATION ACCESS WORKS BOUNDARY TO BE CONFIRMED
 - 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

F	UPDATED FOLLOWING STAGE 1 R&A COMMENTS	DV	DH	17.02.23	
E	UPDATED TO LATEST PROPOSALS	DV	DH	14.07.23	
D	UPDATED TO WSCC COMMENTS	DV	DH	12.07.23	
C	OFF-SITE WORKS UPDATED	DV	DH	15.06.23	
B	ACCESS SHIFTED WEST AS PER MASTERPLAN	DV	DH	16.05.23	
A	TREES SURVEY ADDED / REDLINE UPDATED	DV	DH	13.04.23	
Rev	Description	Dm	Chk	App	Date

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	Date	Designed by	
1:500	22.02.23	DV	
Drawn by	Checked by	Approved by	
DV	DV	DH	
Drawing Number		2207280-003	Rev F