

**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
- 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:**

| 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                  |

| Rev | Description  | Drn | Chk | App | Date     |
|-----|--|-----|-----|-----|----------|
| G   | UNCONTROLLED PEDESTRIAN CROSSING ADDED TO JUNCTION | HP  | DV  | DH  | 03.09.25 |
| F   | REDLINE BOUNDARY UPDATED                           | BT  | DV  | DH  | 22.05.25 |
| E   | ROUNDABOUT RELOCATED NORTH                         | DV  | DV  | DH  | 16.05.25 |
| D   | UPDATED FOLLOWING STAGE 1 RSA COMMENTS             | DR  | DV  | DH  | 18.10.25 |
| 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 ADDED / REDLINE UPDATED               | DV  | DH  | KM  | 13.04.23 |

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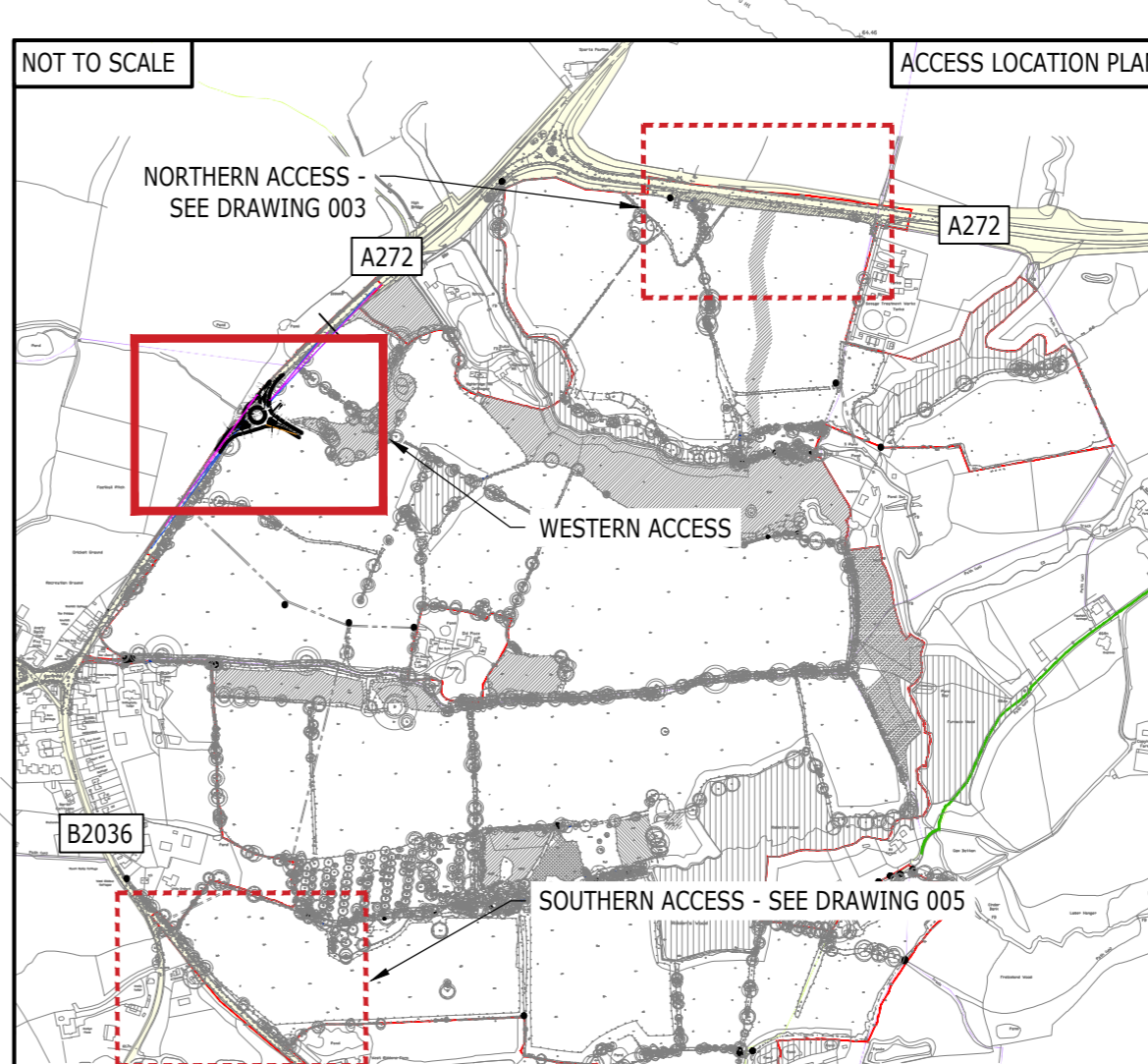
**SSIP**  
 SAFETY SCHEDULED INDUSTRIAL PROCESS

Client: **FAIRFAX ACQUISITIONS LTD**

Project Title: **LAND AT ANTSY FARM, MID SUSSEX**

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

|                             |                |                 |
|-----------------------------|----------------|-----------------|
| At Scale: 1:500             | Date: 22.02.23 | Designed by: DV |
| Drawn by: DV                | Checked by: DV | Approved by: DH |
| Drawing Number: 2207280-004 |                | Rev: G          |



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