



Construction Design and Management (CDM)
Key Residual Risks
 Contractors entering the site should gain permission from the relevant land owners and/or principle contractor working on site at the time of entry. Contractors shall be responsible for carrying out their own risk assessments and for liaising with the relevant services companies and authorities. Listed below are Site Specific key risks associated with the project.
 1) Overhead and underground services
 2) Street Lighting Cables
 3) Working adjacent to water courses and flood plain
 4) Soft ground conditions
 5) Working adjacent to live highways and railway line
 6) Unchartered services
 7) Existing buildings with potential asbestos hazards

- NOTES:**
- Do not scale from this drawing
 - All dimensions are in metres unless otherwise stated.
 - Brookbanks Consulting Ltd has prepared this drawing for the sole use of the client. The drawing may not be relied upon by any other party without the express agreement of the client and Brookbanks Consulting Ltd. Where any data supplied by the client or from other sources has been used, it has been assumed that the information is correct. No responsibility can be accepted by Brookbanks Consulting Ltd for inaccuracies in the data supplied by any other party. The drawing has been produced based on the assumption that all relevant information has been supplied by those bodies from whom it was requested.
 - No part of this drawing may be copied or duplicated without the express permission of Brookbanks Consulting.
 - The junctions, roundabouts and links have been designed in accordance with the following DMRB standards:
 - TA 23/81: Junctions and Accesses - Determination of Size of Roundabouts and Major-Minor Junctions
 - TD 16/07: The Geometric Design of Roundabouts.
 - TD 9/93: Highway Link Design;

- KEY:**
- Site Boundary
 - Highway Boundary
 - Stopping Sight Distance on Approach
 - Forward Visibility on Exit

B Amendments for Road Safety Audit. MDM DN PAB 14.06.17
 A Amendments as per client's requests. MDM LW PAB 03.03.17
 - First Issue - - - 28.02.17

Brookbanks
 6150 Knights Court, Solihull Parkway, Birmingham B37 7WY
 Tel (0121) 329 4330 Fax (0121) 329 4331
 www.brookbanks.com

Carlyle Land Ltd and
 Commercial Estates Group
 Land South and East of
 Aداstral Park, Ipswich

Off-site Highway Mitigation:
 Foxhall Roundabout Mitigation

Arm	PROPOSED ROUNDABOUT: DMRB COMPLIANCE WITH TD 16/07							
	Entry Path Width (m)	Entry Radius Into Rotary (m)	Exit Radius From Rotary (m)	Stopping Sight Distance (m)	Entry Angle (°)	Exit Design Speed (mph)	Approx ICD Across Arm (m)	Maximum Radius of Deflection (m)
A12 Ring Road (North)	14.0	20	No Change	295	20	70	79	100
Newbourne Road	10.5	20	33	90	24	30	79	90
A12 Ring Road (South)	14.0	20	No Change	295	24	70	79	95
Foxhall Road	10.5	20	No Change	215	23	60	79	76

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.

Status	Approval	Date	Feb 2017
Drawn	MDM	Checked	LW
Date		Date	28.02.2017
Scale	As Shown	Number	10391-HL-22
Rev		Rev	B