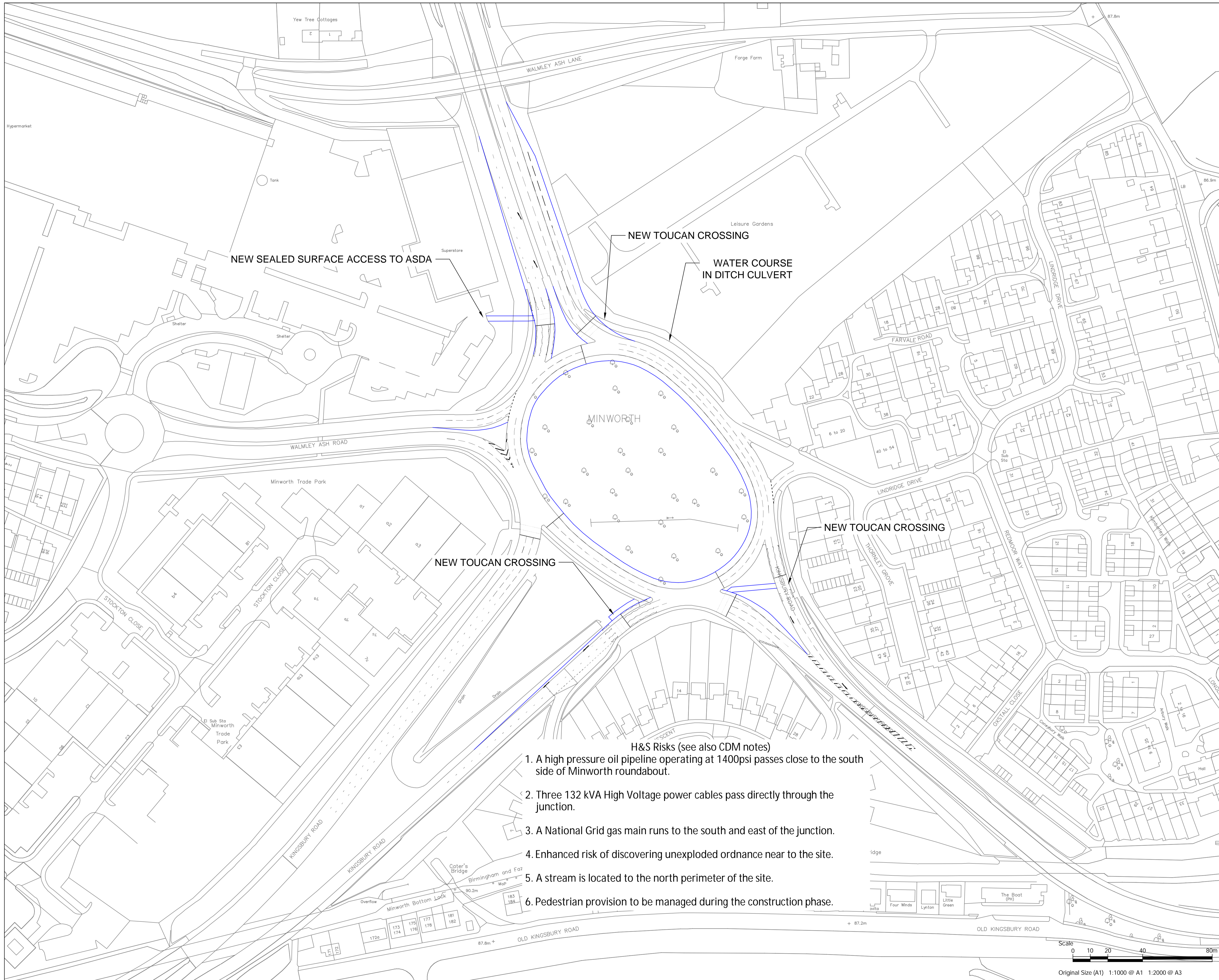


Capabilities on project:
Transportation

5 Appendices

Appendix A - Access Option 1 Drawings



AECOM

PROJECT
MINWORTH
ROUNDBOUT
OPTIONS

CLIENT
 Birmingham City Council

CONSULTANT
 AECOM
 Colmore Plaza
 Colmore Circus Queensway
 Birmingham
 0121 262 1900 tel 0121 262 1999 fax
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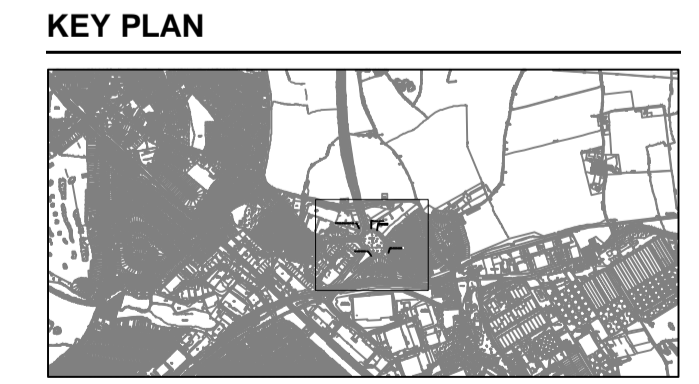
REGISTRATION
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- NOTES**
- CDM NOTES**
1. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND STATUS OF ANY STATUTORY UTILITY APPARATUS PRIOR TO THE COMMENCEMENT OF ANY WORKS.
 2. A HIGH PRESSURE OIL PIPELINE OPERATING AT 1400PSI PASSES CLOSE TO THE SOUTH SIDE OF MINWORTH ROUNDBOUT. A SIX METRE 'SAFETY ZONE' HAS BEEN INSTALLED AROUND THE PIPELINES NO WORKS OF ANY KIND SHOULD BE UNDERTAKEN WITHOUT PRIOR PERMISSION FROM FISHER GERMAN LLP PRIOR TO WORKS COMMENCING MR RICHARD GENT SHOULD BE CONTACTED 08454378293.
 3. THREE 132kVA HIGH VOLTAGE POWER CABLES PASS DIRECTLY THROUGH THE JUNCTION. NO WORKS SHOULD BE UNDERTAKEN WITHOUT CONTACTING AND OBTAINING PERMISSION FROM WESTERN POWER DISTRIBUTION
 4. A NATIONAL GRID GAS MAIN RUNS TO THE SOUTH OF AND EAST OF THE JUNCTION. IT IS NOT CONSIDERED THAT THE WORKS WILL NOT AFFECT THIS UTILITY.
 5. IT HAS BEEN IDENTIFIED THAT THIS AREA HAS AN ADVANCED RISK OF DISCOVERING UNEXPLODED ORDNANCE NEAR TO THE SITE. APPROPRIATE MEASURES SHOULD THEREFORE BE TAKEN.
 6. A STREAM IS LOCATED TO THE NORTH PERIMETER OF THE SITE AND SHOULD BE CONSIDERED BEFORE CONSTRUCTION PHASE
 7. PEDESTRIAN PROVISION WILL NEED TO BE MANAGED DURING THE CONSTRUCTION PHASE. THE BASE PROVISION OF THE JUNCTION IS POOR.

- H&S Risks (see also CDM notes)**
1. A high pressure oil pipeline operating at 1400psi passes close to the south side of Minworth roundabout.
 2. Three 132 kVA High Voltage power cables pass directly through the junction.
 3. A National Grid gas main runs to the south and east of the junction.
 4. Enhanced risk of discovering unexploded ordnance near to the site.
 5. A stream is located to the north perimeter of the site.
 6. Pedestrian provision to be managed during the construction phase.

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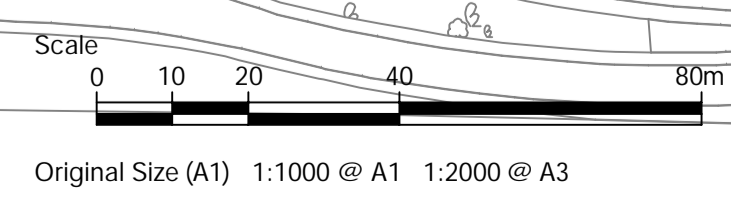
I/R	DATE	DESCRIPTION
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A	21/02/2014	Final Issue



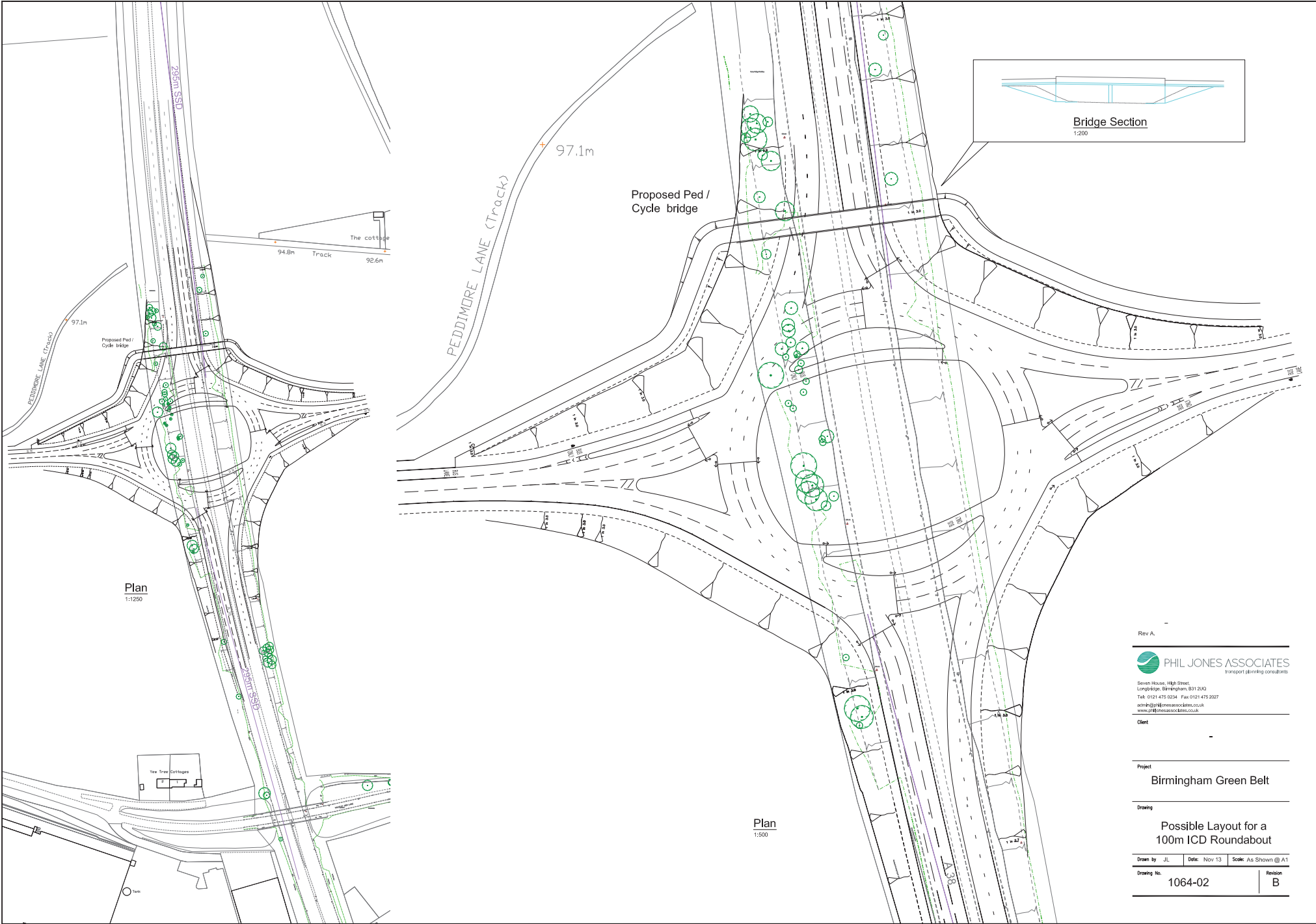
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SHEET TITLE
 OPTION 4 - PREFERRED OPTION

SHEET NUMBER
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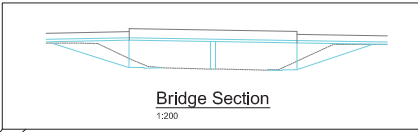


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Plan
1:1250

Plan
1:500



Rev A.

PHIL JONES ASSOCIATES
transport planning consultants

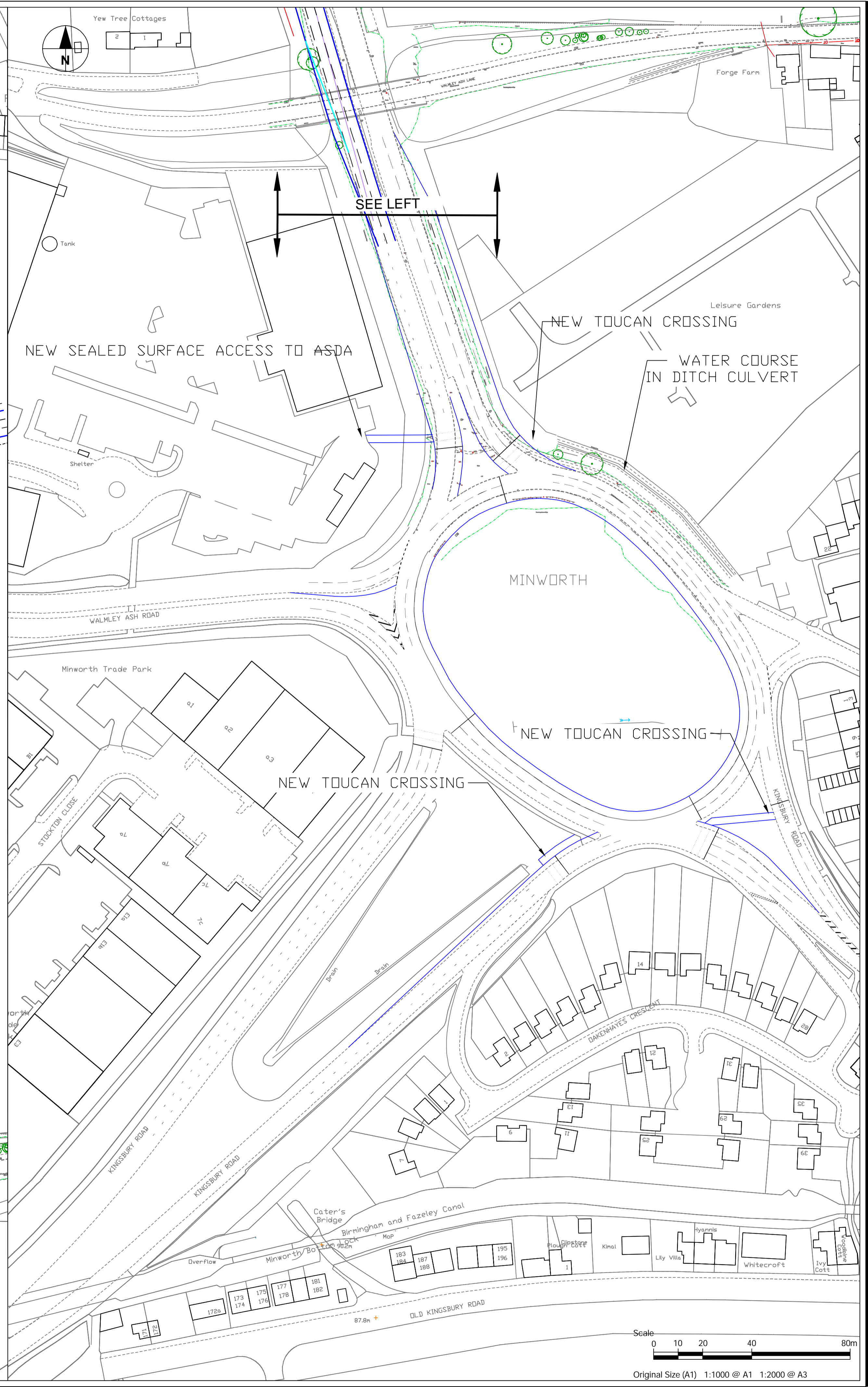
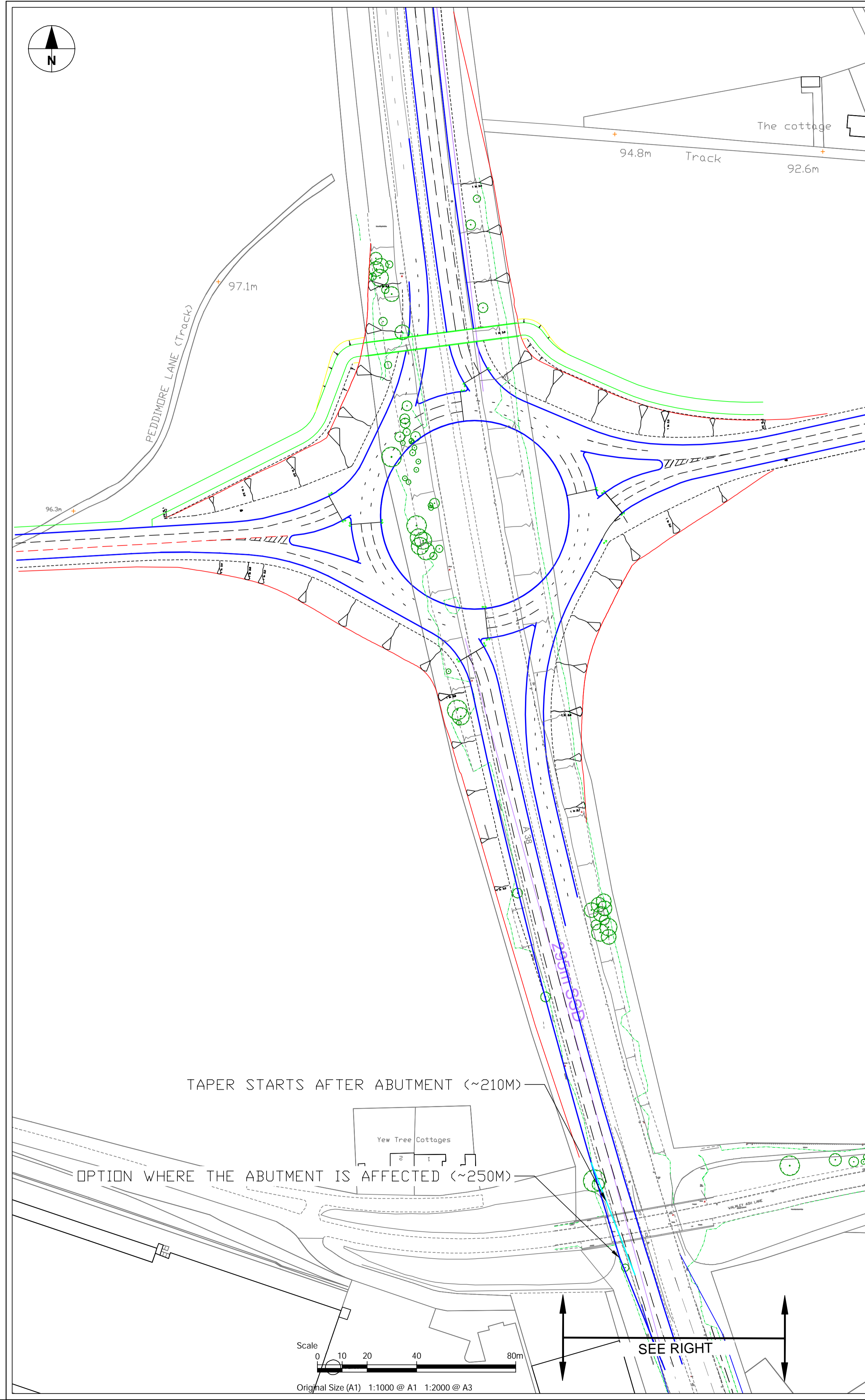
Seven House, High Street,
Londsdale, Birmingham, B31 2JQ
Tel: 0121 475 0234 Fax 0121 475 2027
phil@pjra.co.uk
www.pjra.co.uk

Client

Project
Birmingham Green Belt

Drawing
**Possible Layout for a
100m ICD Roundabout**

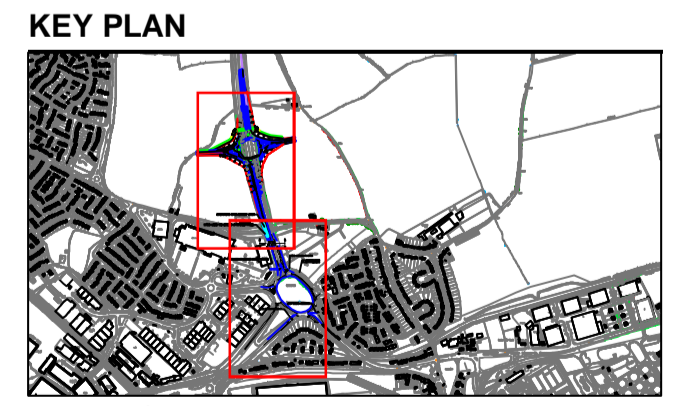
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Drawing No. 1064-02			B



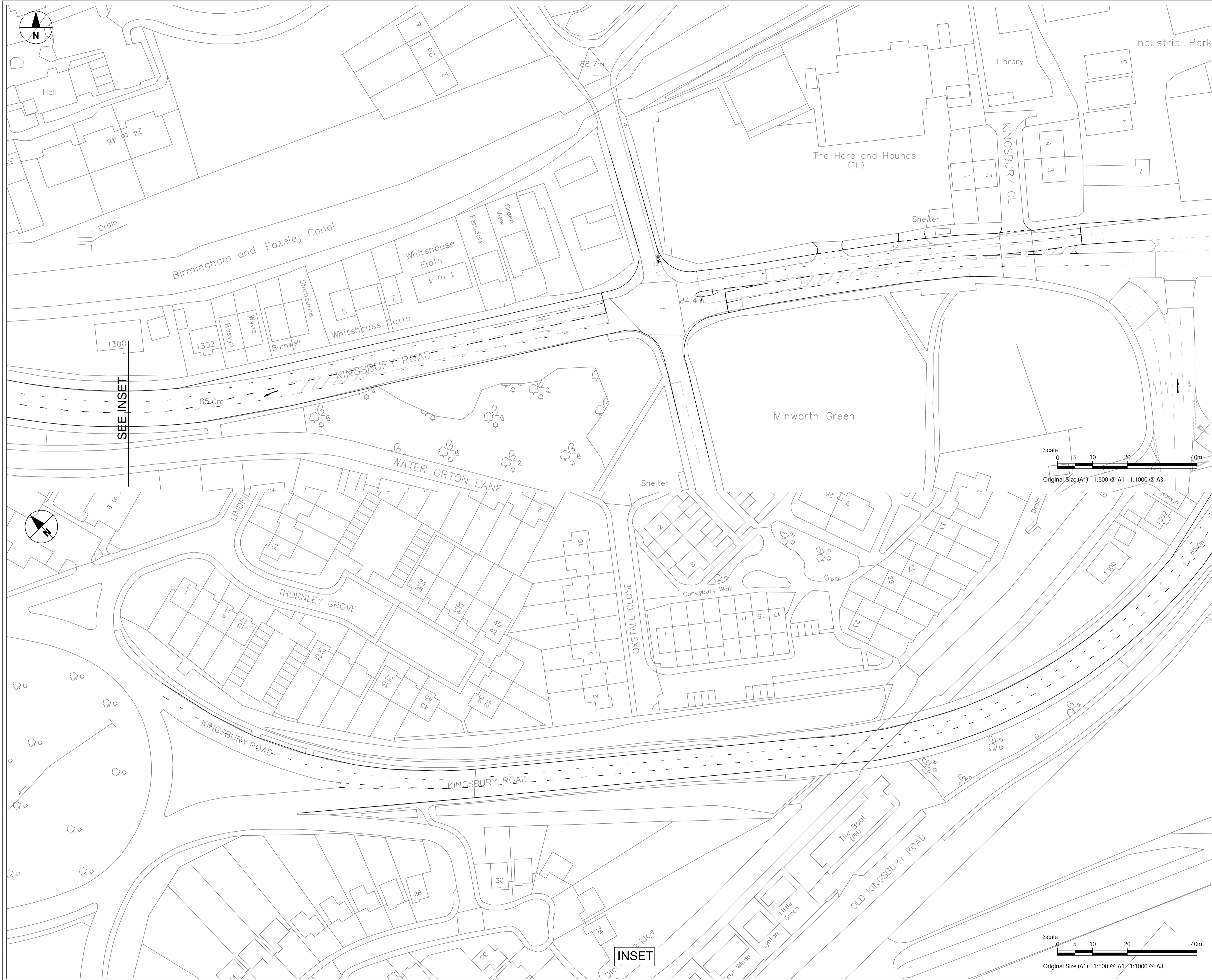
- NOTES**
- ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CONTRACT SPECIFICATION AND THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS INCLUDING REVISION/AMENDMENTS AND ANY CLIENT SPECIFIC ADDITIONAL OR SUBSTITUTE CLAUSES.
 - THE DRAWING (1064-02 REV B) FOR THE AT NOT GRADE SEPARATED ROUNDABOUT PROVIDED BY PJA FOR PEDDIMORE DEVELOPMENT HAS BEEN MODIFIED TO REMOVE BUS LINKS ON THE APPROACHES AND ADJACENT CIRCULATORY OF THE ROUNDABOUT FROM THE TWO DEVELOPMENT ACCESSES ON THE A38.
 - THE CONTRACTOR SHALL DETERMINE THE LOCATION AND STATUS OF ANY STATUTORY UTILITY APPARATUS PRIOR TO THE COMMENCEMENT OF ANY WORKS.
 - A HIGH PRESSURE OIL PIPELINE OPERATING AT 1400psi PASSES CLOSE TO THE SOUTH SIDE OF MINWORTH ROUNDABOUT. A SIX METRE 'SAFETY ZONE' HAS BEEN INSTALLED AROUND THE PIPELINES. NO WORKS OF ANY KIND SHOULD BE UNDERTAKEN WITHOUT PRIOR PERMISSION FROM FISHER GERMAN LLP PRIOR TO WORKS COMMENCING MR RICHARD GENT SHOULD BE CONTACTED 08454378293.
 - THREE 132kVA HIGH VOLTAGE POWER CABLES PASS DIRECTLY THROUGH THE JUNCTION, ON THE EAST OF PEDDIMORE'S NEW ACCESS. NO WORKS SHOULD BE UNDERTAKEN WITHOUT CONTACTING AND OBTAINING PERMISSION FROM WESTERN POWER DISTRIBUTION.
 - A NATIONAL GRID GAS MAIN RUNS TO THE SOUTH OF AND EAST OF THE MINWORTH JUNCTION. IT IS NOT CONSIDERED THAT THE WORKS WILL AFFECT THIS UTILITY.
 - IT HAS BEEN IDENTIFIED THAT THIS AREA HAS AN ADVANCED RISK OF DISCOVERING UNEXPLODED ORDNANCE NEAR TO THE SITE. APPROPRIATE MEASURES SHOULD THEREFORE BE TAKEN.
 - A STREAM IS LOCATED TO THE NORTH PERIMETER OF THE SITE AND SHOULD BE CONSIDERED BEFORE CONSTRUCTION PHASE.
 - PEDESTRIAN PROVISION WILL NEED TO BE MANAGED DURING THE CONSTRUCTION PHASE. THE BASE PROVISION OF THE JUNCTION IS POOR.

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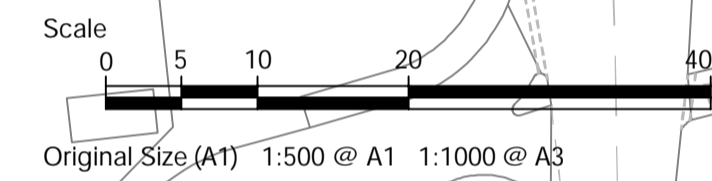
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A	MAY 2014	FIRST ISSUE
I/R	DATE	DESCRIPTION



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SEE INSET



INSET



PROJECT
PEDDIMORE ACCESS MODELLING



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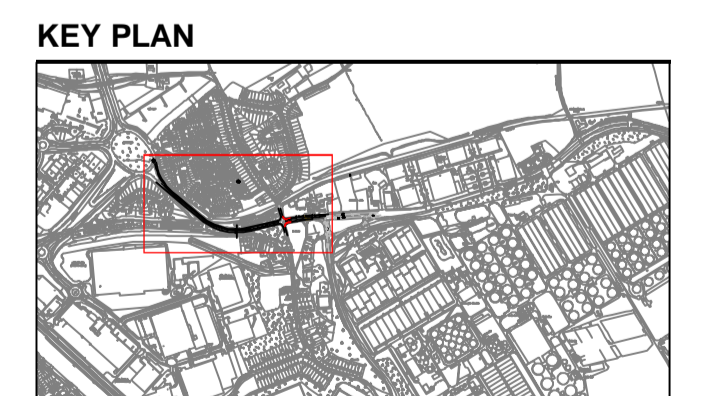
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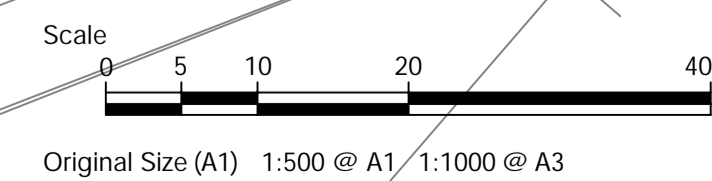
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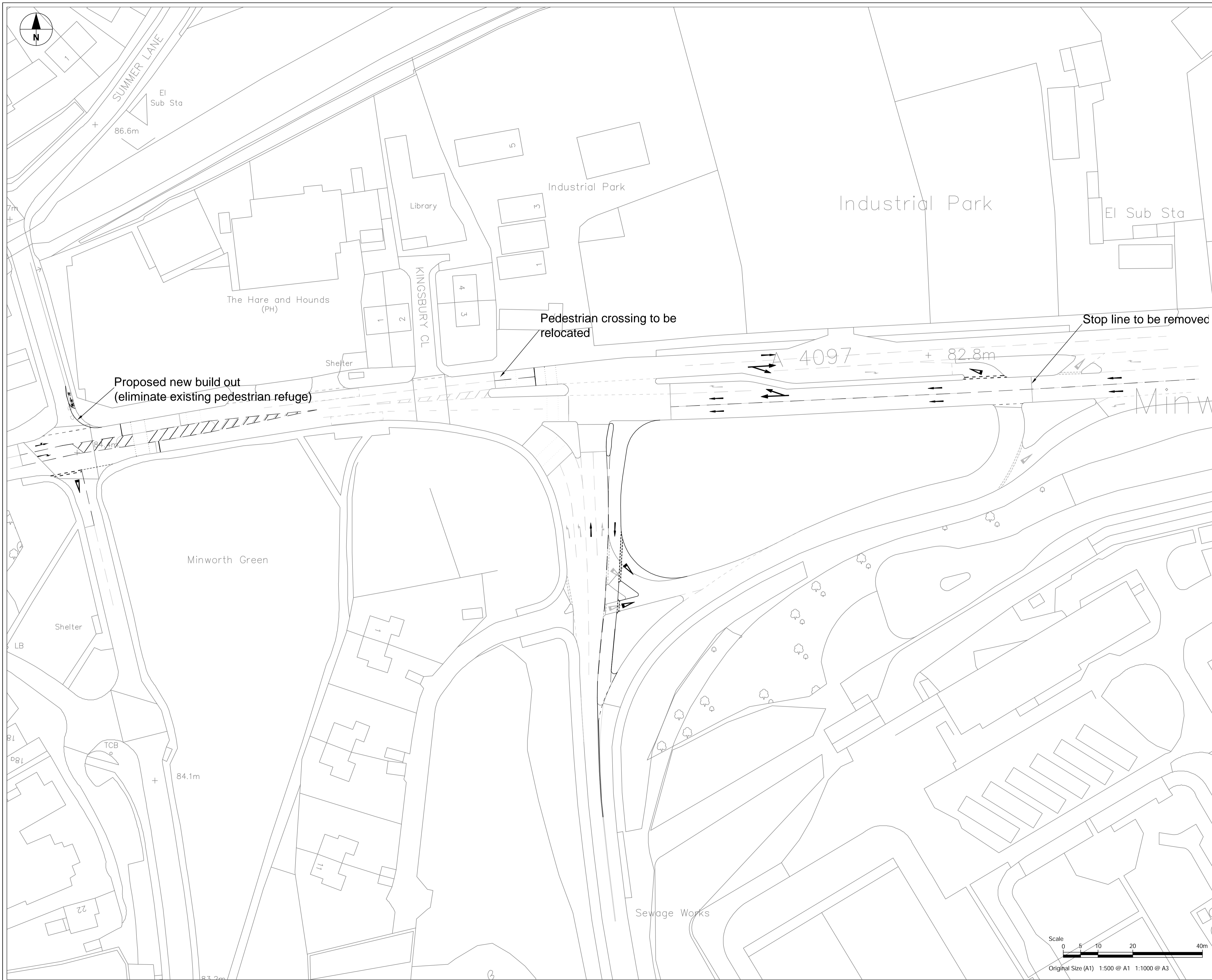
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B	JUNE 2014	FIRST REVISION
A	MAY 2014	FIRST ISSUE
I/R	DATE	DESCRIPTION



PROJECT NUMBER
 60316941
SHEET TITLE
 WATER ORTON LANE IMPROVEMENTS
SHEET NUMBER
 60316941-SKE-30-CT-0002



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 Birmingham City Council

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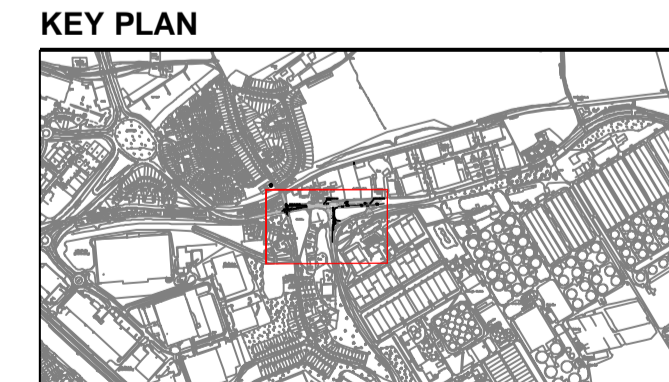
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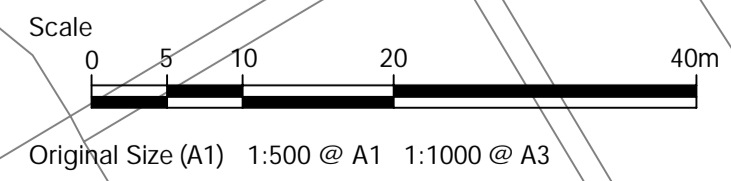
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PROJECT NUMBER
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SHEET TITLE
 WATER ORTON LANE AND MINWORTH PARKWAY

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