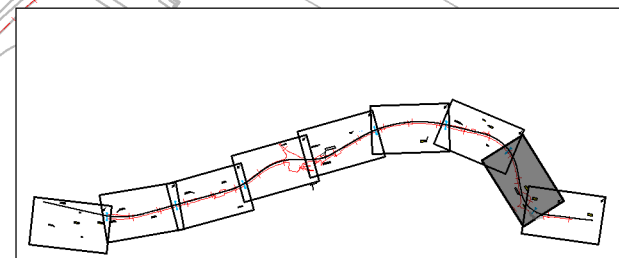




**LEGEND**

- PROPOSED NEWHALL INTERCHANGE ROAD LAYOUT
- PROPOSED WIDENING OF ROAD PAVEMENT
- MEDIAN
- EXISTING ROAD PAVEMENT
- LANDS TO BE PURCHASED (INDICATIVE)
- LANDS WITHIN EXISTING ROAD BOUNDARY
- PROPOSED ATTENUATION POND
- LAND MADE AVAILABLE
- WATERCOURSES
- OUTFALL

NOTE: PROPOSED ROAD DESIGN IS PRELIMINARY AND MAY BE REVISED AT DETAILED DESIGN STAGE

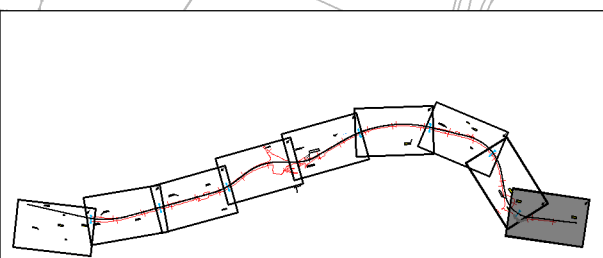


			<p>Roughan &amp; O'Donovan-AECOM Alliance</p>	<p><b>M7 NAAS TO NEWBRIDGE BY-PASS UPGRADE SCHEME</b></p> <p><b>ENVIRONMENTAL IMPACT STATEMENT</b></p>	<p><b>LAYOUT PLAN SHEET 8 OF 9</b></p>												
<p>Ordnance Survey Ireland Licence No EN 0006512 © Ordnance Survey Ireland and Government of Ireland</p>				<p>Arena House, Arena Road, Sandyford, Dublin 18. Tel : +353 (1) 2940800 Fax : +353 (1) 2940820 e-mail : info@rod.ie www.rod.ie www.aecom.com</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Designed: AW</td> <td>CAD File: 11,204 EIS</td> <td>Status: EIS</td> </tr> <tr> <td>Drawn: AB</td> <td>Job No: 11,204</td> <td></td> </tr> <tr> <td>Checked: BC</td> <td>Scale: 1 : 2,500 @ A1</td> <td>Drawing No: Figure 4.9</td> </tr> <tr> <td>Approved: JET</td> <td>Date: DEC 13</td> <td>Rev:</td> </tr> </table>	Designed: AW	CAD File: 11,204 EIS	Status: EIS	Drawn: AB	Job No: 11,204		Checked: BC	Scale: 1 : 2,500 @ A1	Drawing No: Figure 4.9	Approved: JET	Date: DEC 13	Rev:
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Approved: JET	Date: DEC 13	Rev:															

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

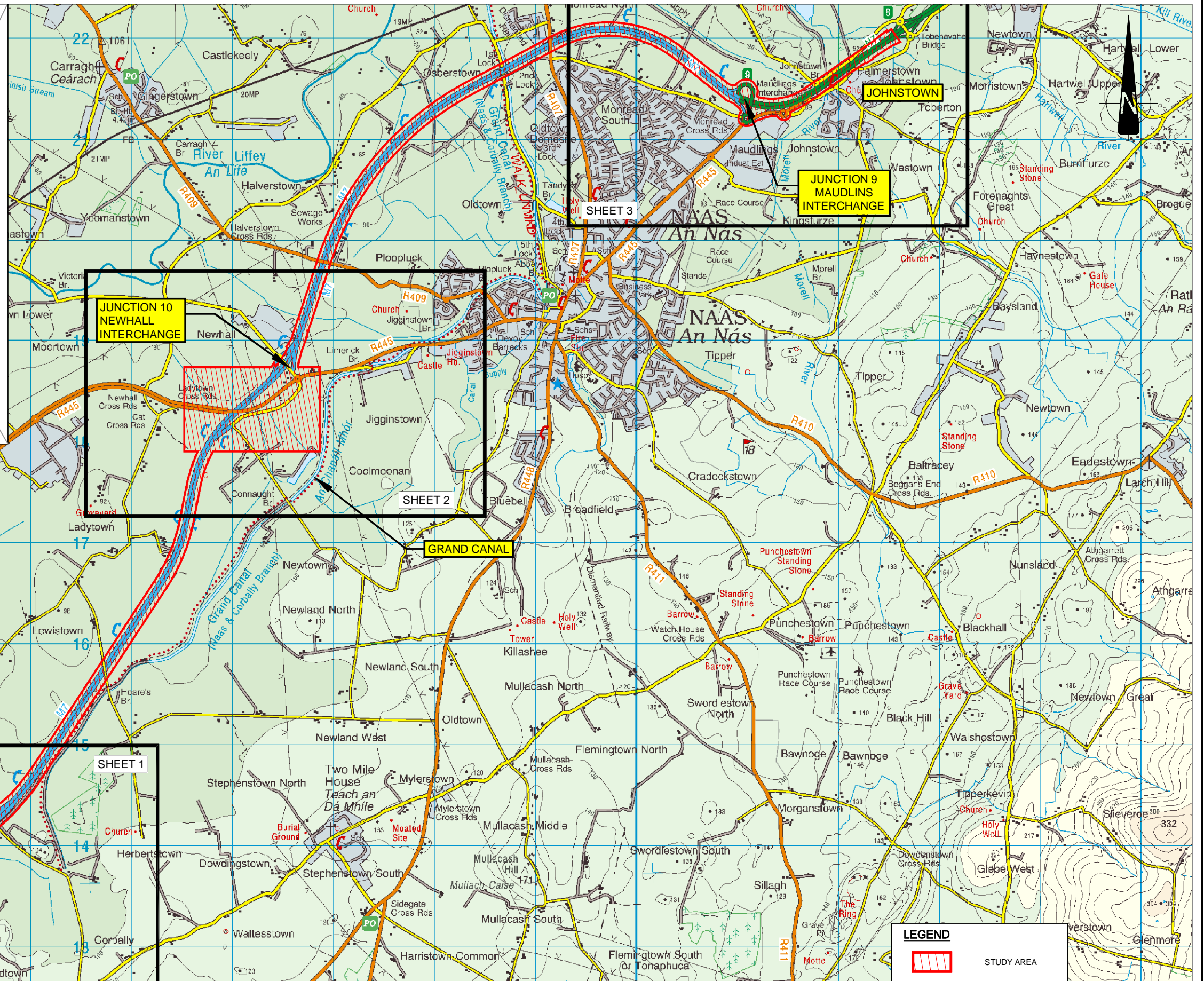
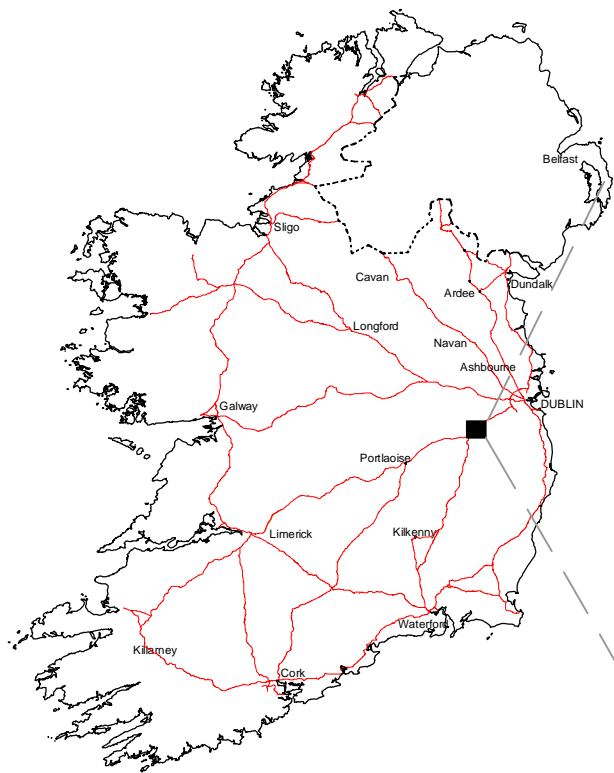


- LEGEND**
- PROPOSED NEWHALL INTERCHANGE ROAD LAYOUT
  - PROPOSED WIDENING OF ROAD PAVEMENT
  - MEDIAN
  - EXISTING ROAD PAVEMENT
  - LANDS TO BE PURCHASED (INDICATIVE)
  - LANDS WITHIN EXISTING ROAD BOUNDARY
  - PROPOSED ATTENUATION POND
  - LAND MADE AVAILABLE
  - WATERCOURSES
  - OUTFALL
- NOTE: PROPOSED ROAD DESIGN IS PRELIMINARY AND MAY BE REVISED AT DETAILED DESIGN STAGE



			<p>Roughan &amp; O'Donovan-AECOM Alliance</p> <p><small>Arena House, Arena Road, Sandyford, Dublin 18. Tel : +353 (1) 2940800 Fax : +353 (1) 2940820 e-mail : info@rod.ie www.rod.ie</small></p>	<p><b>M7 NAAS TO NEWBRIDGE BY-PASS UPGRADE SCHEME</b></p> <p><b>ENVIRONMENTAL IMPACT STATEMENT</b></p>	<p><b>LAYOUT PLAN SHEET 9 OF 9</b></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>Designed: AW</td> <td>CAD File: 11,204 EIS</td> <td>Status: EIS</td> </tr> <tr> <td>Drawn: AB</td> <td>Job No: 11,204</td> <td>Figure No: Figure 4.10</td> </tr> <tr> <td>Checked: BC</td> <td>Scale: 1 : 2,500 @ A1</td> <td>Rev:</td> </tr> <tr> <td>Approved: JET</td> <td>Date: DEC 13</td> <td></td> </tr> </table>	Designed: AW	CAD File: 11,204 EIS	Status: EIS	Drawn: AB	Job No: 11,204	Figure No: Figure 4.10	Checked: BC	Scale: 1 : 2,500 @ A1	Rev:	Approved: JET	Date: DEC 13	
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Checked: BC	Scale: 1 : 2,500 @ A1	Rev:															
Approved: JET	Date: DEC 13																

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**LEGEND**



STUDY AREA



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

Project: **M7 NAAS TO NEWBRIDGE BY-PASS UPGRADE SCHEME**

**ENVIRONMENTAL IMPACT STATEMENT**

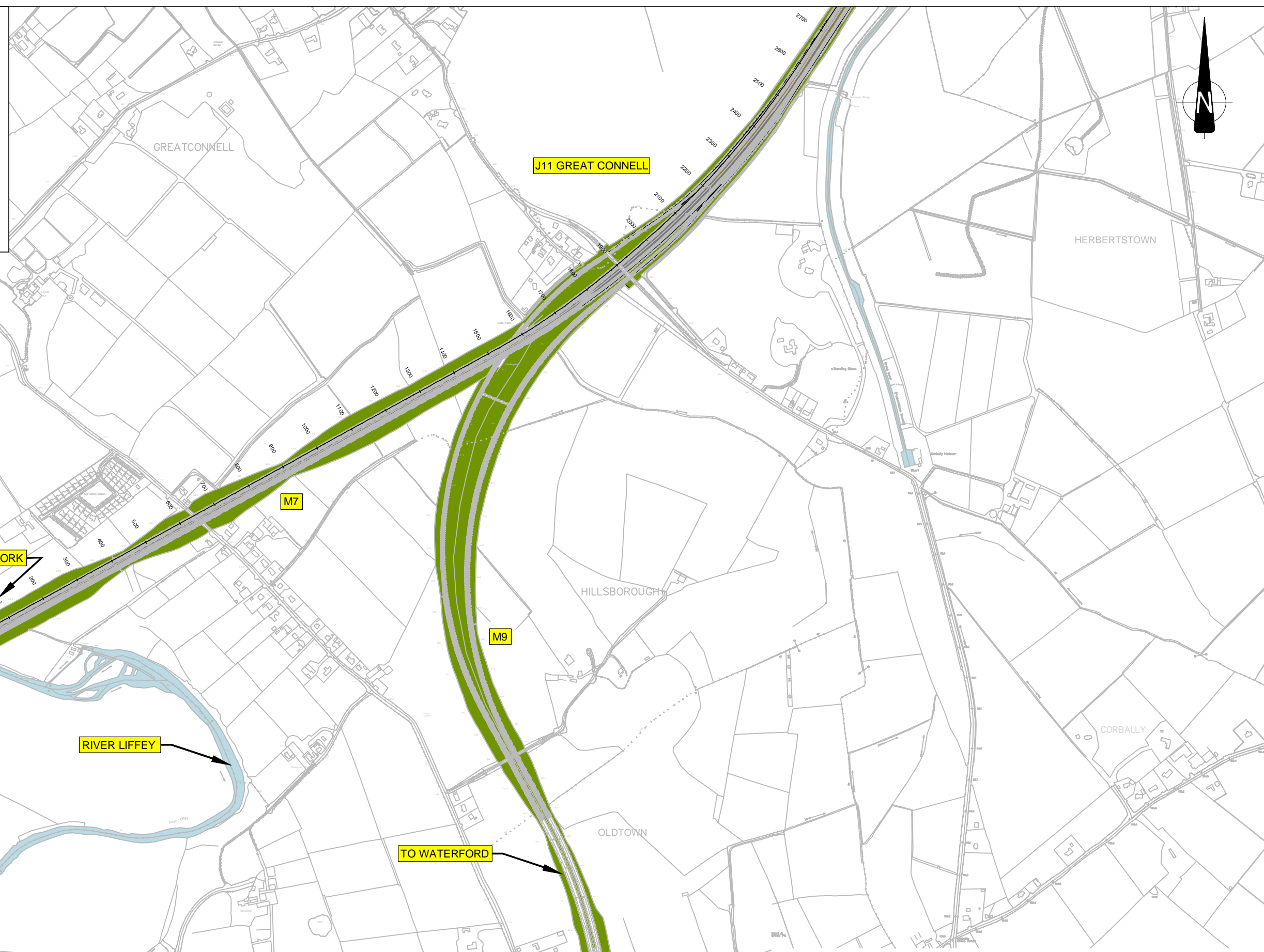
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Approved: JET	Date: DEC 13
Status: EIS	Drawing No: Figure 4.11

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**LEGEND**

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-  PROPOSED WIDENING OF ROAD PAVEMENT
-  MEDIAN
-  EXISTING ROAD PAVEMENT
-  LANDS TO BE PURCHASED (INDICATIVE)
-  LANDS WITHIN EXISTING ROAD BOUNDARY
-  PROPOSED ATTENUATION POND
-  LAND MADE AVAILABLE
-  WATERCOURSES
-  OUTFALL

**NOTE:** PROPOSED ROAD DESIGN IS PRELIMINARY AND MAY BE REVISED AT DETAILED DESIGN STAGE



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**M7 NAAS TO NEWBRIDGE  
BY-PASS UPGRADE SCHEME**

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**ENVIRONMENTAL IMPACT STATEMENT**

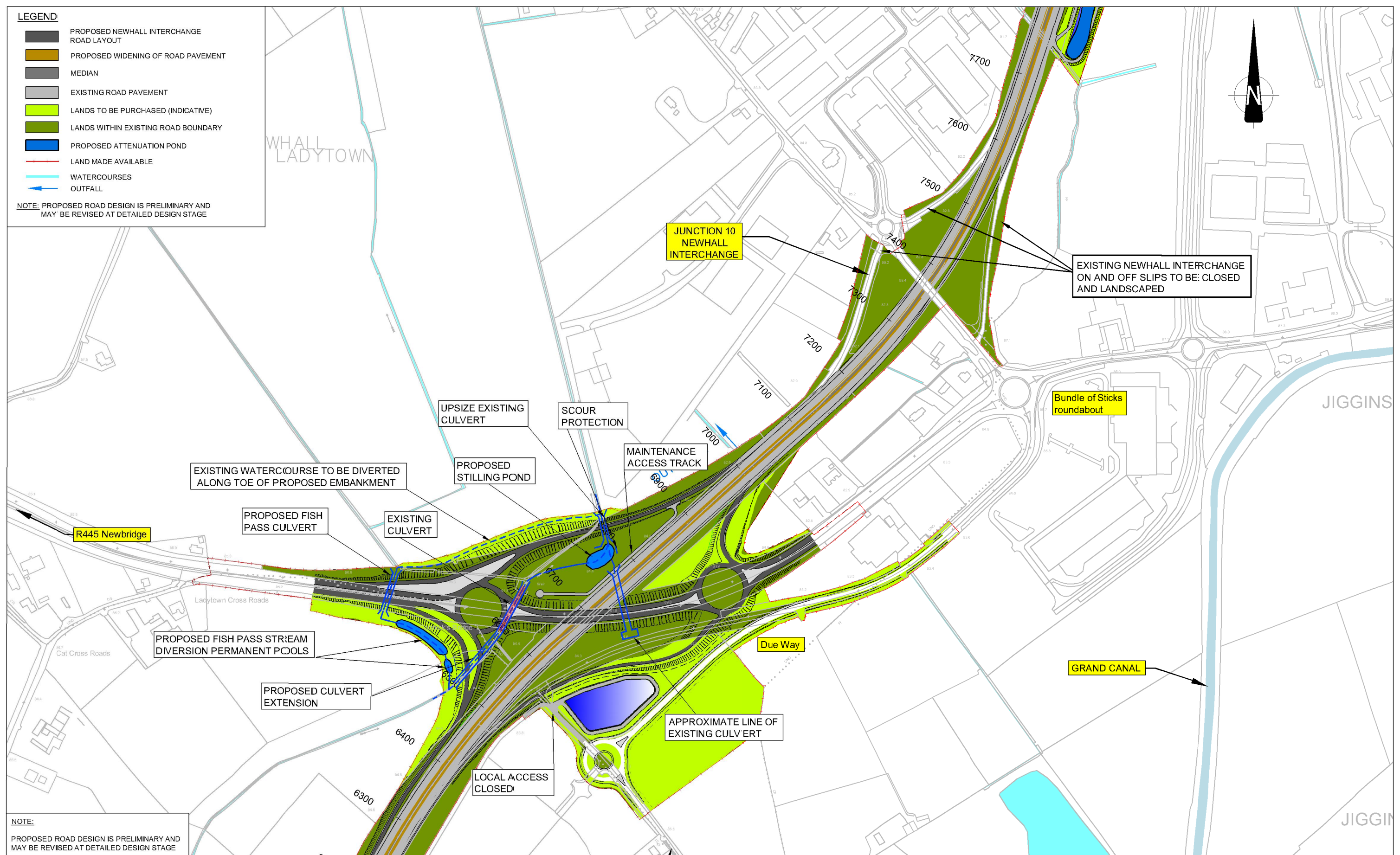
Project		Title	
<b>M7 NAAS TO NEWBRIDGE BY-PASS UPGRADE SCHEME</b>		<b>MAJOR JUNCTION LAYOUT SHEET 1 OF 3</b>	
Designed: AW	CAD File: 11.204 EIS	Status: EIS	
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Approved: JET	Date: DEC 13		

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- LEGEND**
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
<b>M7 NAAS TO NEWBRIDGE BY-PASS UPGRADE SCHEME</b>
<b>ENVIRONMENTAL IMPACT STATEMENT</b>

<b>MAJOR JUNCTION LAYOUT SHEET 2 OF 3</b>		
Designed: AW Drawn: PC Checked: BC Approved: JET	CAD File: 11.204 EIS Job No: 11.204 Scale: 1 : 2,500 @ A1 Date: DEC 13	Status: EIS Drawing No: Figure 4.13 Rev:

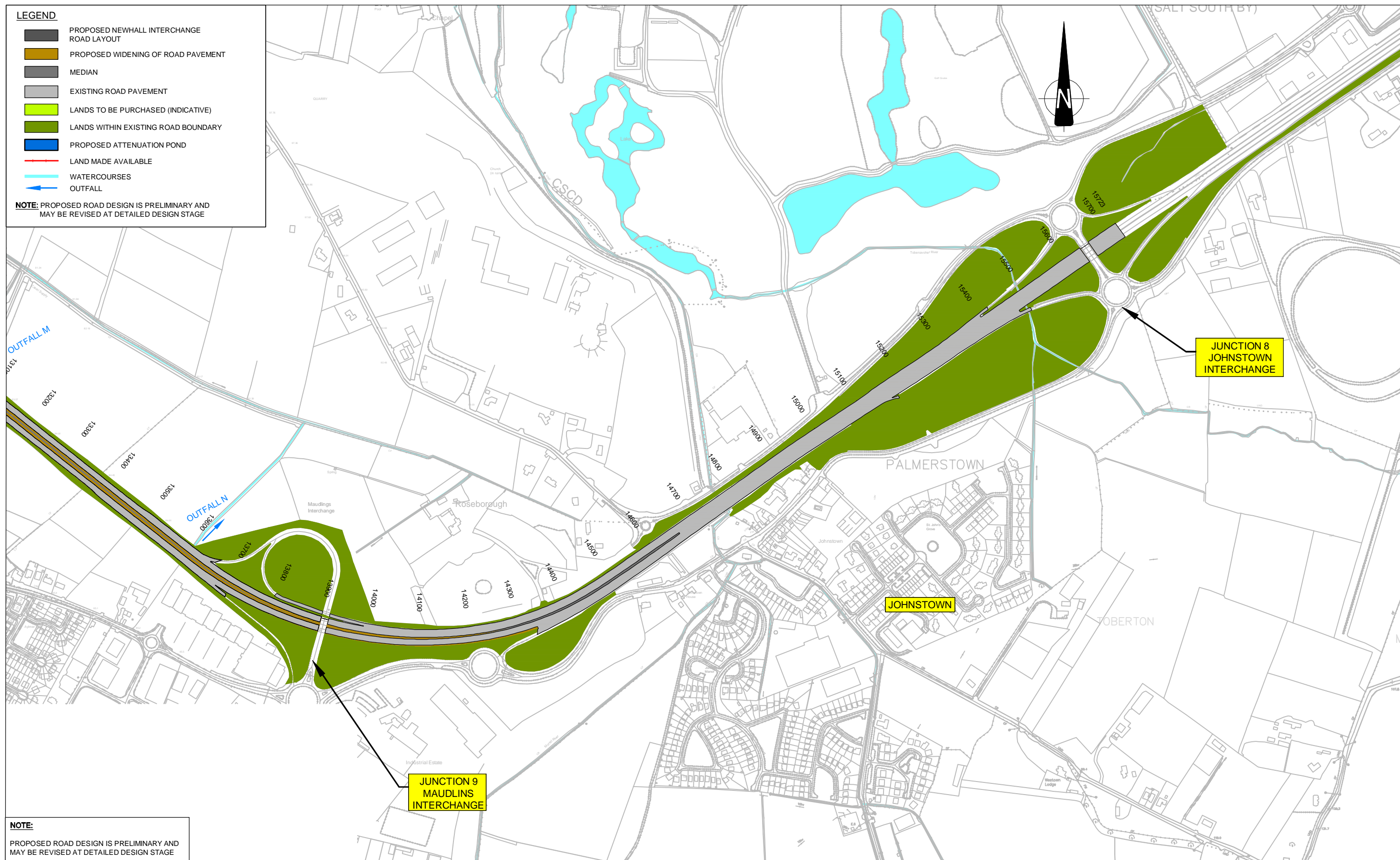
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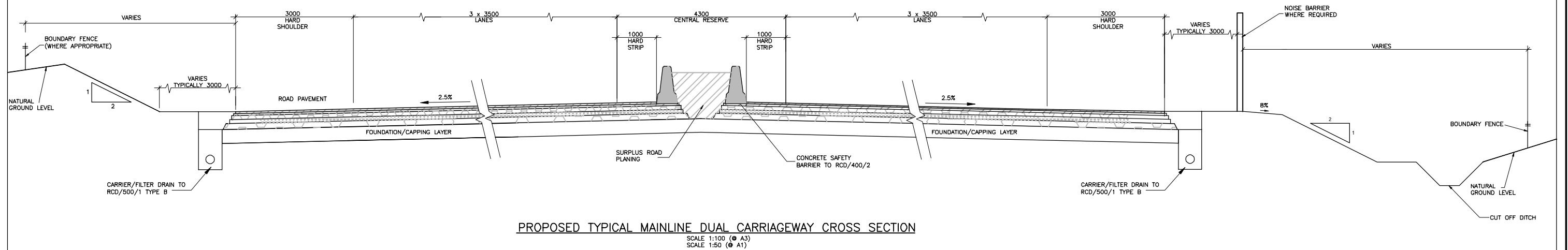
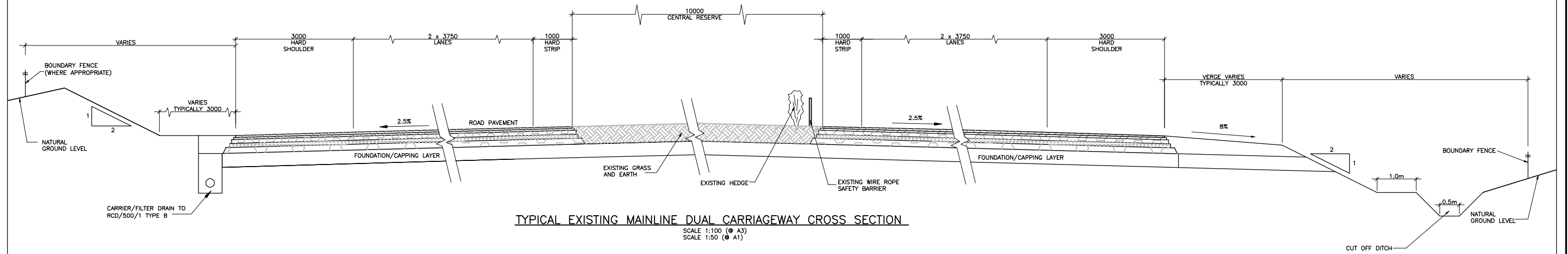
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Project	<b>M7 NAAS TO NEWBRIDGE BY-PASS UPGRADE SCHEME</b>	
<b>ENVIRONMENTAL IMPACT STATEMENT</b>		

Title		
MAJOR JUNCTION LAYOUT SHEET 3 OF 3		
Designed: AW	CAD File: 11.204 EIS	Status: EIS
Drawn: PC	Job No: 11.204	
Checked: BC	Scale: NTS	Drawing No: Figure 4.14
Approved: JET	Date: DEC 13	Rev:



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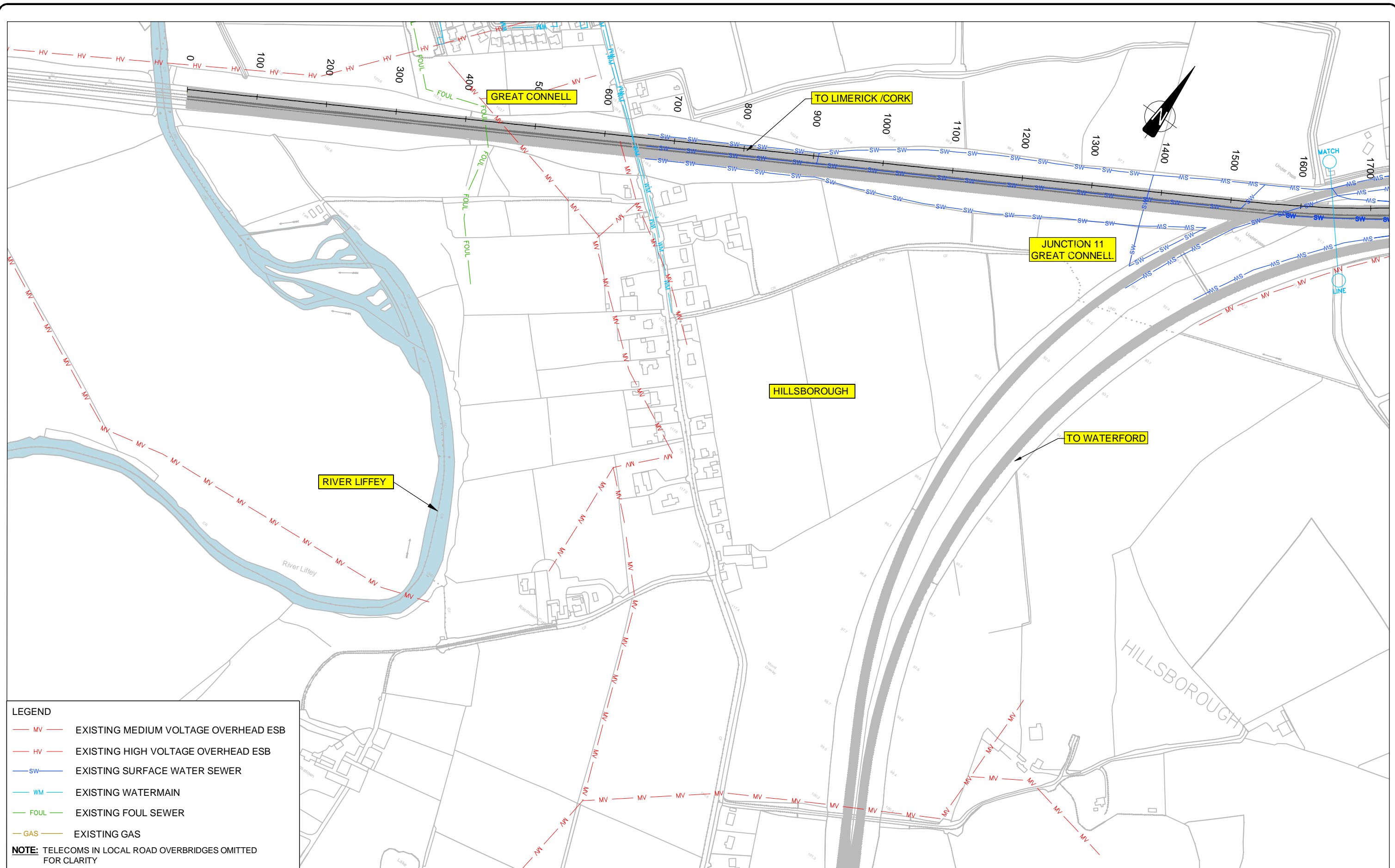
Arena House, Arena Road, Sandyford, Dublin 18.  
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**Roughan & O'Donovan AECOM**  
 Consulting Engineers

Project **M7 NAAS TO NEWBRIDGE BY-PASS UPGRADE SCHEME**

**ENVIRONMENTAL IMPACT STATEMENT**

Title			
TYPICAL CROSS SECTION			
Designed: AW	CAD File: 11.204 EIS	Status:	EIS
Drawn: SP	Job No: 11.204	Drawing No:	Figure 4.15
Checked: BC	Scale: 1:50 @ A1	Date:	DEC 13
Approved: JET			



- LEGEND**
- MV — EXISTING MEDIUM VOLTAGE OVERHEAD ESB
  - HV — EXISTING HIGH VOLTAGE OVERHEAD ESB
  - SW — EXISTING SURFACE WATER SEWER
  - WM — EXISTING WATERMAIN
  - FOUL — EXISTING FOUL SEWER
  - GAS — EXISTING GAS

**NOTE:** TELECOMS IN LOCAL ROAD OVERBRIDGES OMITTED FOR CLARITY



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**M7 NAAS TO NEWBRIDGE  
 BY-PASS UPGRADE SCHEME**

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**ENVIRONMENTAL IMPACT STATEMENT**

Title	
UTILITIES AND SERVICES SHEET 1 OF 9	
Designed: AW	CAD File: 11.204 EIS
Drawn: PC	Job No: 11.204
Checked: BC	Scale: 1:2,500 @ A1
Approved: JET	Date: DEC 13
Status: EIS	Drawing No: Figure 4.16