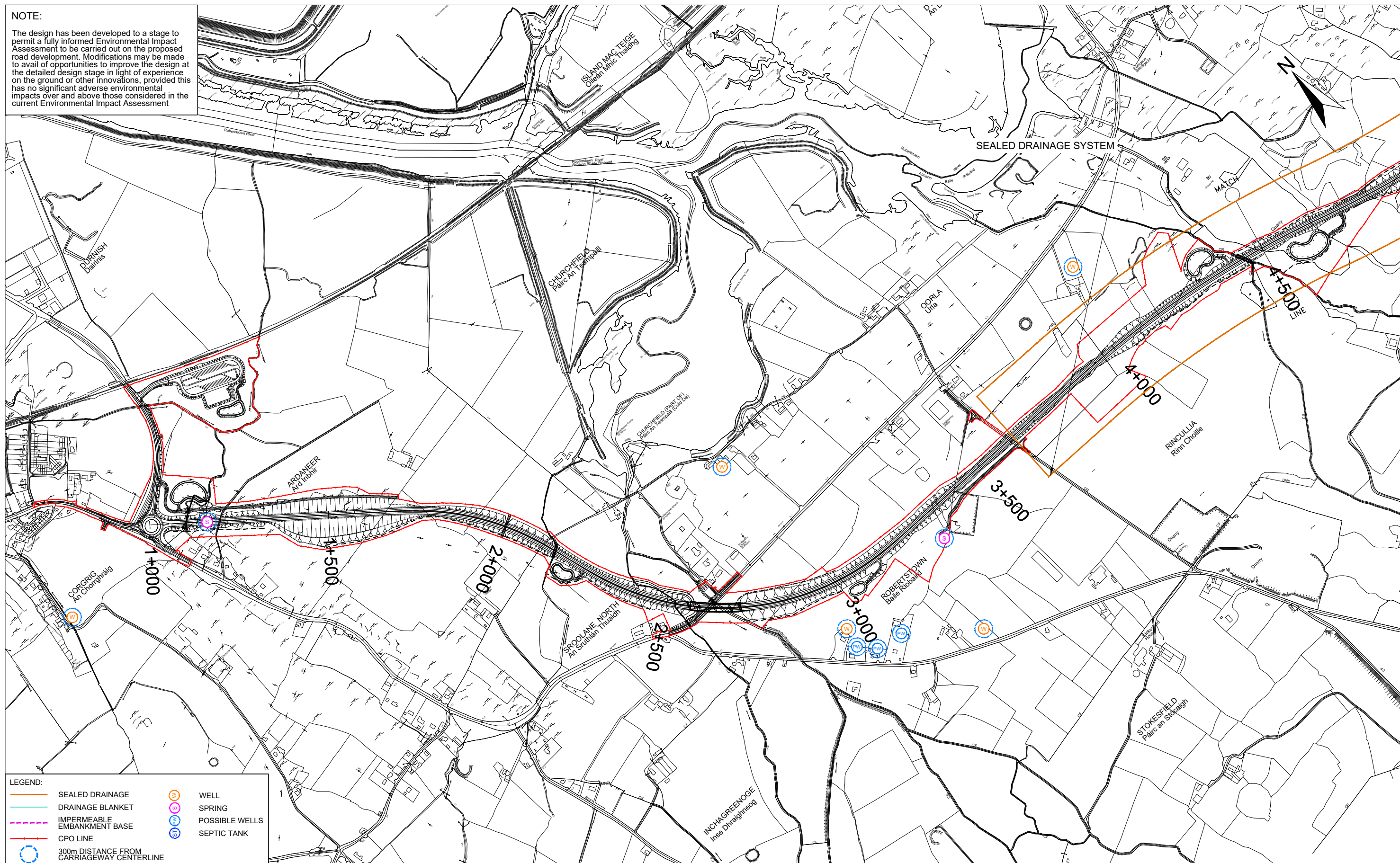


NOTE:

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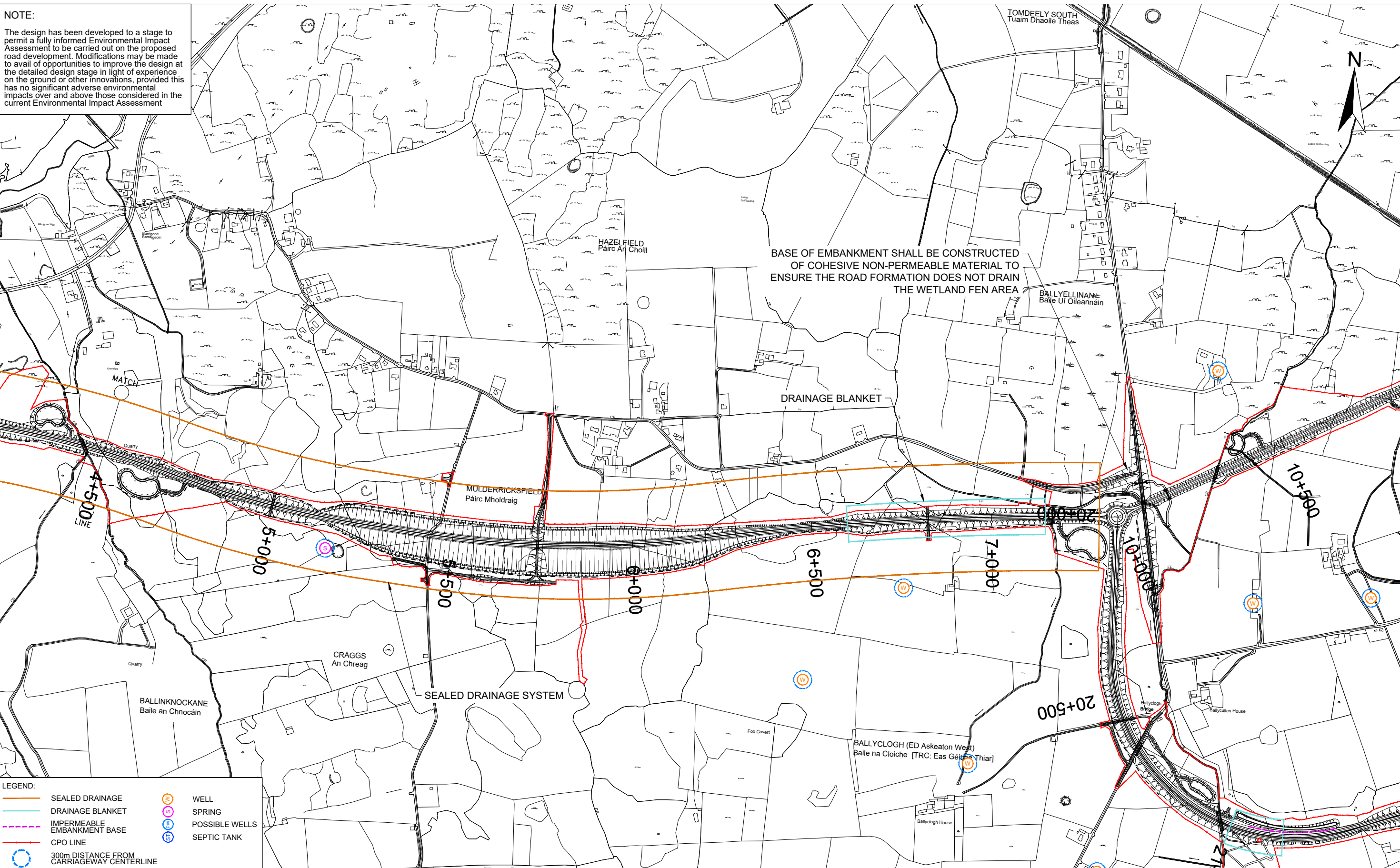
 Tionscadal Éireann Project Ireland 2040	 An Roinn Iompair Turasóireachta agus Spóirt Department of Transport, Tourism and Sport	 Bonneagar Iompar Éireann Transport Infrastructure Ireland	 Comhairle Cathrach & Contae Luimnigh Limerick City & County Council	 ROUGHAN & O'DONOVAN AECOM Arena House, Arena Road, Sandyford, Dublin 18. Tel : +353 (1) 2940800 Fax : +353 (1) 2940820 e-mail : info@rod.ie Website : www.rod.ie www.aecom.com	Project <b>Foynes to Limerick Road (including Adare Bypass)</b>  <b>Environmental Impact Assessment Report</b>	Drawing Title: <b>HYDROLOGICAL MITIGATION SECTION A SHEET 1 OF 2</b>			
						Designed: PM Drawn: LA Checked: GR Approved: SMG	File: Job No: 14.131 Scale: 1:10,000 (@ A3) Date: December 2019	Status: E.I.A.R. Drawing No: Fig 9.6 Rev: -	

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LEGEND:

- SEALD DRAINAGE
- DRAINAGE BLANKET
- IMPERMEABLE EMBANKMENT BASE
- CPO LINE
- 300m DISTANCE FROM CARRIAGEWAY CENTERLINE
- WELL
- SPRING
- POSSIBLE WELLS
- SEPTIC TANK



Tionscadal Éireann  
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2040



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Turasóireachta agus Spóirt  
Department of Transport,  
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Limerick City  
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Alliance

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Project

Foynes to Limerick Road  
(including Adare Bypass)

Environmental Impact  
Assessment Report

Drawing Title:

HYDROLOGICAL MITIGATION  
SECTION A  
SHEET 2 OF 2

Designed: PM	File:	Status: E.I.A.R.
Drawn: LA	Job No: 14.131	
Checked: GR	Scale: 1:10,000 (@ A3)	Drawing No: Fig 9.7
Approved: SMG	Date: December 2019	Rev: -

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BASE OF EMBANKMENT SHALL BE CONSTRUCTED OF COHESIVE NON-PERMEABLE MATERIAL TO ENSURE THE ROAD FORMATION DOES NOT DRAIN THE WETLAND FEN AREA

DRAINAGE BLANKET

BALLYELLINAN  
Baile Uí Oileáin

O'DONOVANS  
Cill na Ráice

COOLRAHNEE  
Cill Ráinín

7+000

10+000

10+500

11+000

11+500

20+500

DRAINAGE BLANKET

BALLYCULLEN  
Baile Uí Cholláin

BASE OF EMBANKMENT BETWEEN CH 51+050 TO CH 51+300 SHALL BE CONSTRUCTED OF COHESIVE NON-PERMEABLE MATERIAL TO ENSURE THE ROAD FORMATION DOES NOT ACT AS A LONGITUDINAL DRAIN AWAY FROM THIS AREA

AGHALACKA  
An tÁth Leacach

LEGEND:

SEALED DRAINAGE	WELL
DRAINAGE BLANKET	SPRING
IMPERMEABLE EMBANKMENT BASE	POSSIBLE WELLS
CPO LINE	SEPTIC TANK
300m DISTANCE FROM CARRIAGEWAY CENTERLINE	

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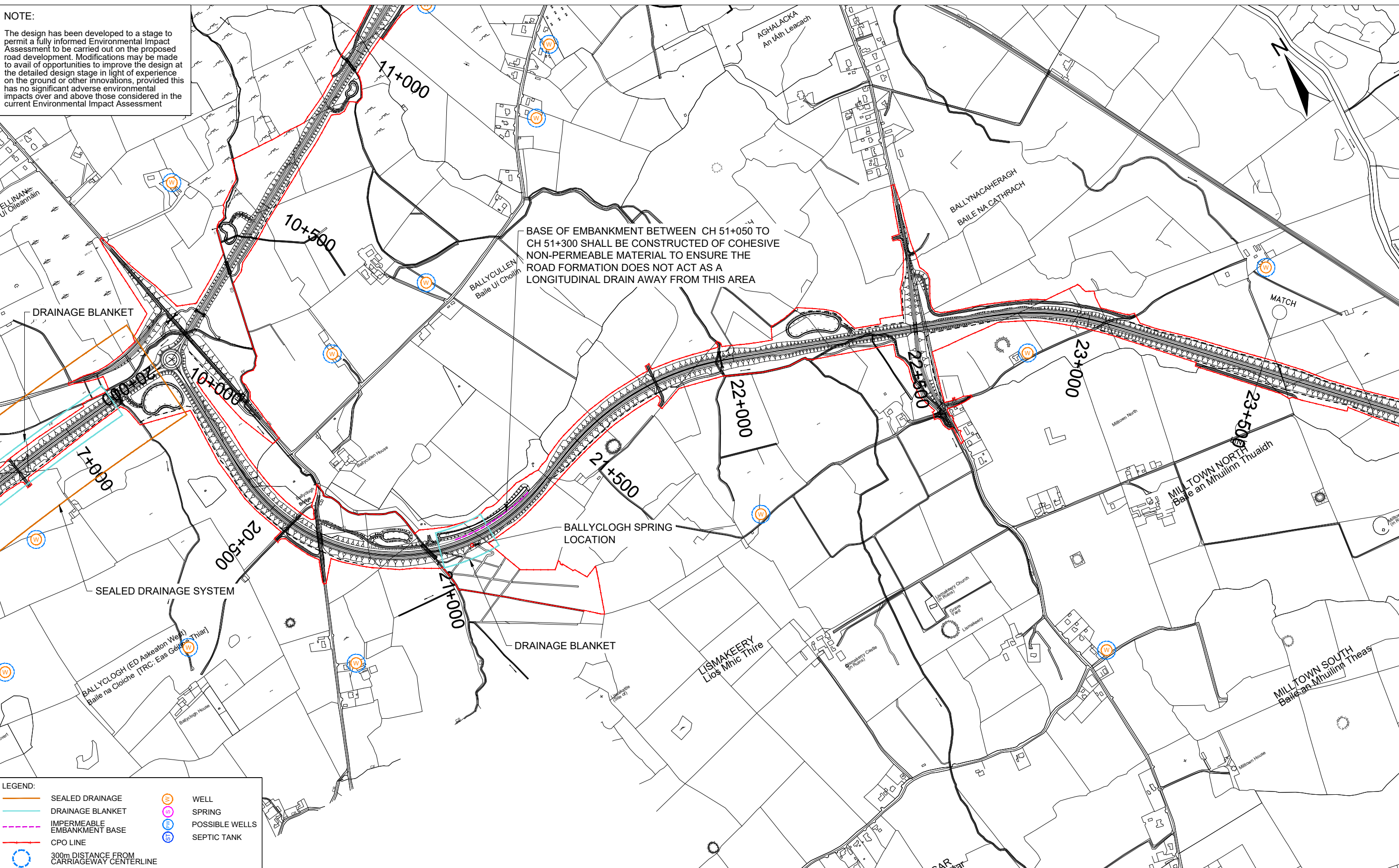
   	<p>Roughan &amp; O'Donovan-AECOM Alliance</p> <p></p> <p>Arena House, Arena Road, Sandyford, Dublin 18. Tel : +353 (1) 2940800 Fax : +353 (1) 2940820 e-mail : info@rod.ie Website : www.rod.ie www.aecom.com</p>	<p>Project</p> <p><b>Foynes to Limerick Road (including Adare Bypass)</b></p> <p><b>Environmental Impact Assessment Report</b></p>	<p>Drawing Title:</p> <p><b>HYDROLOGICAL MITIGATION SECTION B SHEET 1 OF 1</b></p> <table><tr><td>Designed: PM</td><td>File:</td><td>Status: E.I.A.R.</td></tr><tr><td>Drawn: LA</td><td>Job No: 14.131</td><td></td></tr><tr><td>Checked: GR</td><td>Scale: 1:10,000 (@ A3)</td><td>Drawing No: Fig 9.8</td></tr><tr><td>Approved: SMG</td><td>Date: December 2019</td><td>Rev: -</td></tr></table>	Designed: PM	File:	Status: E.I.A.R.	Drawn: LA	Job No: 14.131		Checked: GR	Scale: 1:10,000 (@ A3)	Drawing No: Fig 9.8	Approved: SMG	Date: December 2019	Rev: -
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Checked: GR	Scale: 1:10,000 (@ A3)	Drawing No: Fig 9.8													
Approved: SMG	Date: December 2019	Rev: -													

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Drawn: LA	Job No: 14.131																
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Approved: SMG	Date: December 2019	Rev: -															

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LEGEND:

- SEALED DRAINAGE
- DRAINAGE BLANKET
- IMPERMEABLE EMBANKMENT BASE
- CPO LINE
- 300m DISTANCE FROM CARRIAGEWAY CENTERLINE
- WELL
- SPRING
- POSSIBLE WELLS
- SEPTIC TANK

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www.aecom.com

Project

**Foynes to Limerick Road  
(including Adare Bypass)**

**Environmental Impact  
Assessment Report**

Drawing Title:

**HYDROLOGICAL MITIGATION  
SECTION C  
SHEET 2 OF 3**

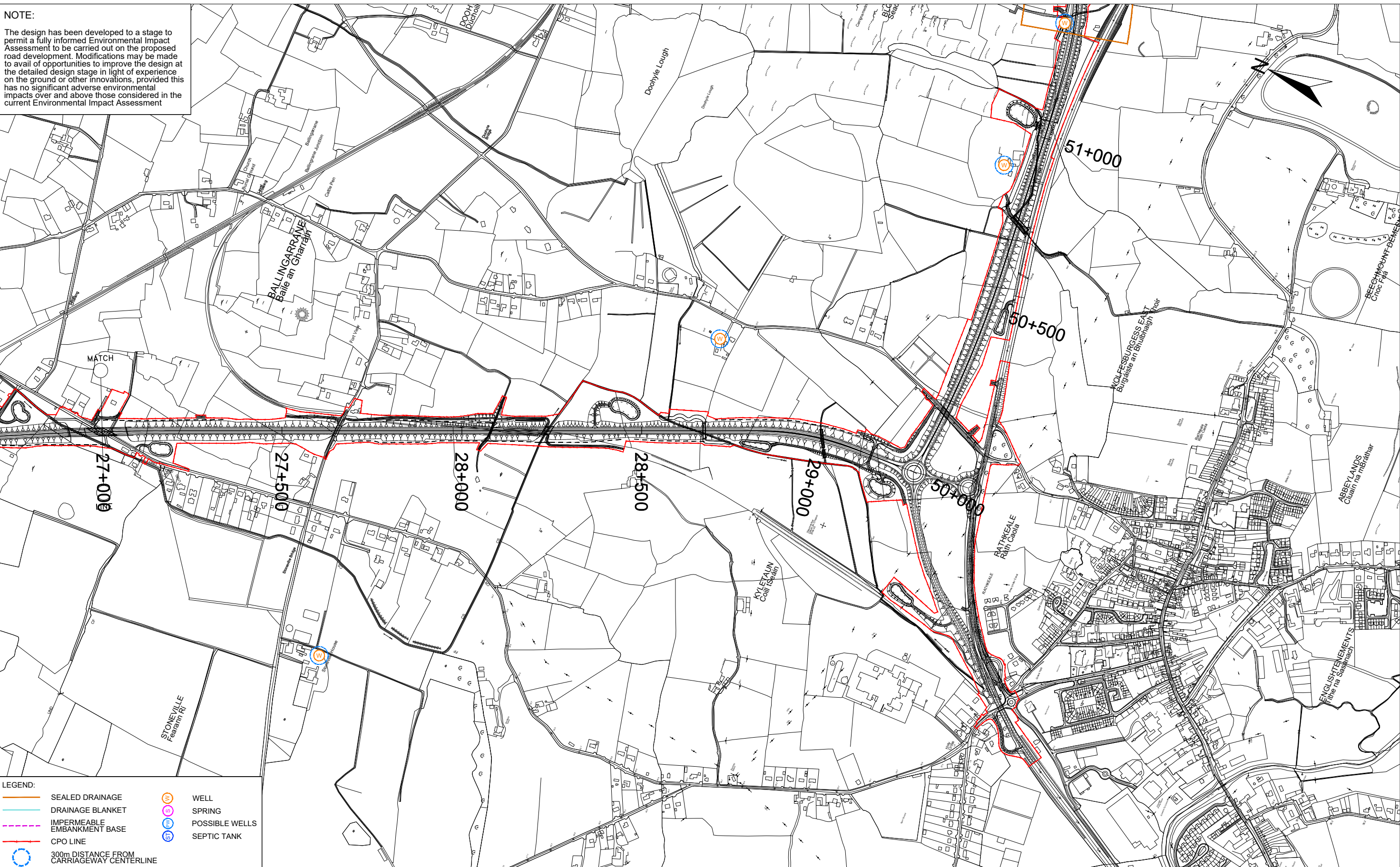
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Approved: SMG	Date: December 2019	Rev: -

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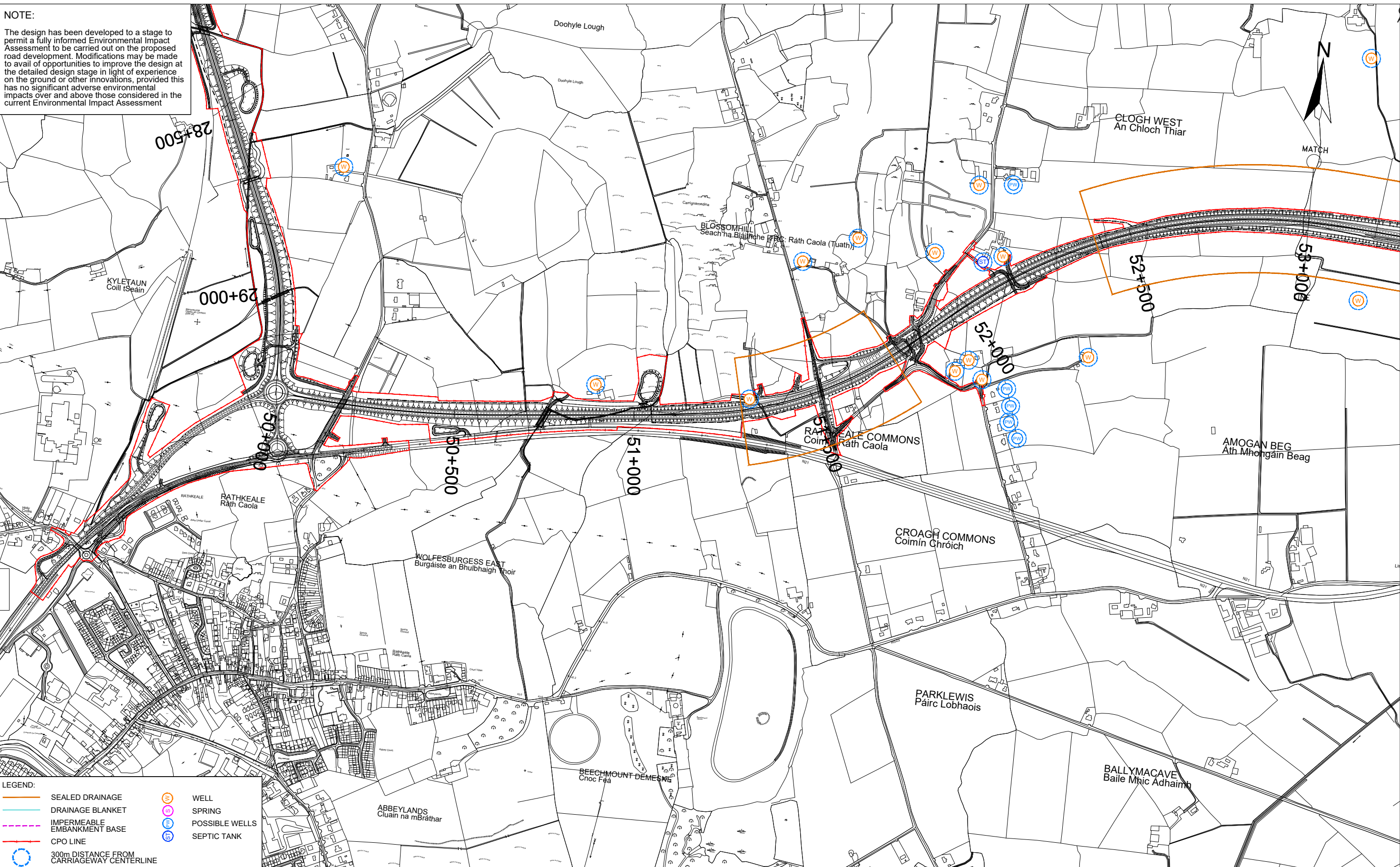
   		 <p>Arena House, Arena Road, Sandyford, Dublin 18. Tel : +353 (1) 2940800 Fax : +353 (1) 2940820 e-mail : info@rod.ie Website : www.rod.ie www.aecom.com</p>		<p>Project</p> <p><b>Foynes to Limerick Road (including Adare Bypass)</b></p> <p><b>Environmental Impact Assessment Report</b></p>		<p>Drawing Title:</p> <p><b>HYDROLOGICAL MITIGATION SECTION C SHEET 3 OF 3</b></p> <table border="1"><tr><td>Designed: PM</td><td>File:</td><td>Status: E.I.A.R.</td></tr><tr><td>Drawn: LA</td><td>Job No: 14.131</td><td></td></tr><tr><td>Checked: GR</td><td>Scale: 1:10,000 (@ A3)</td><td>Drawing No: Fig 9.11</td></tr><tr><td>Approved: SMG</td><td>Date: December 2019</td><td>Rev: -</td></tr></table>		Designed: PM	File:	Status: E.I.A.R.	Drawn: LA	Job No: 14.131		Checked: GR	Scale: 1:10,000 (@ A3)	Drawing No: Fig 9.11	Approved: SMG	Date: December 2019	Rev: -
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Approved: SMG	Date: December 2019	Rev: -																	

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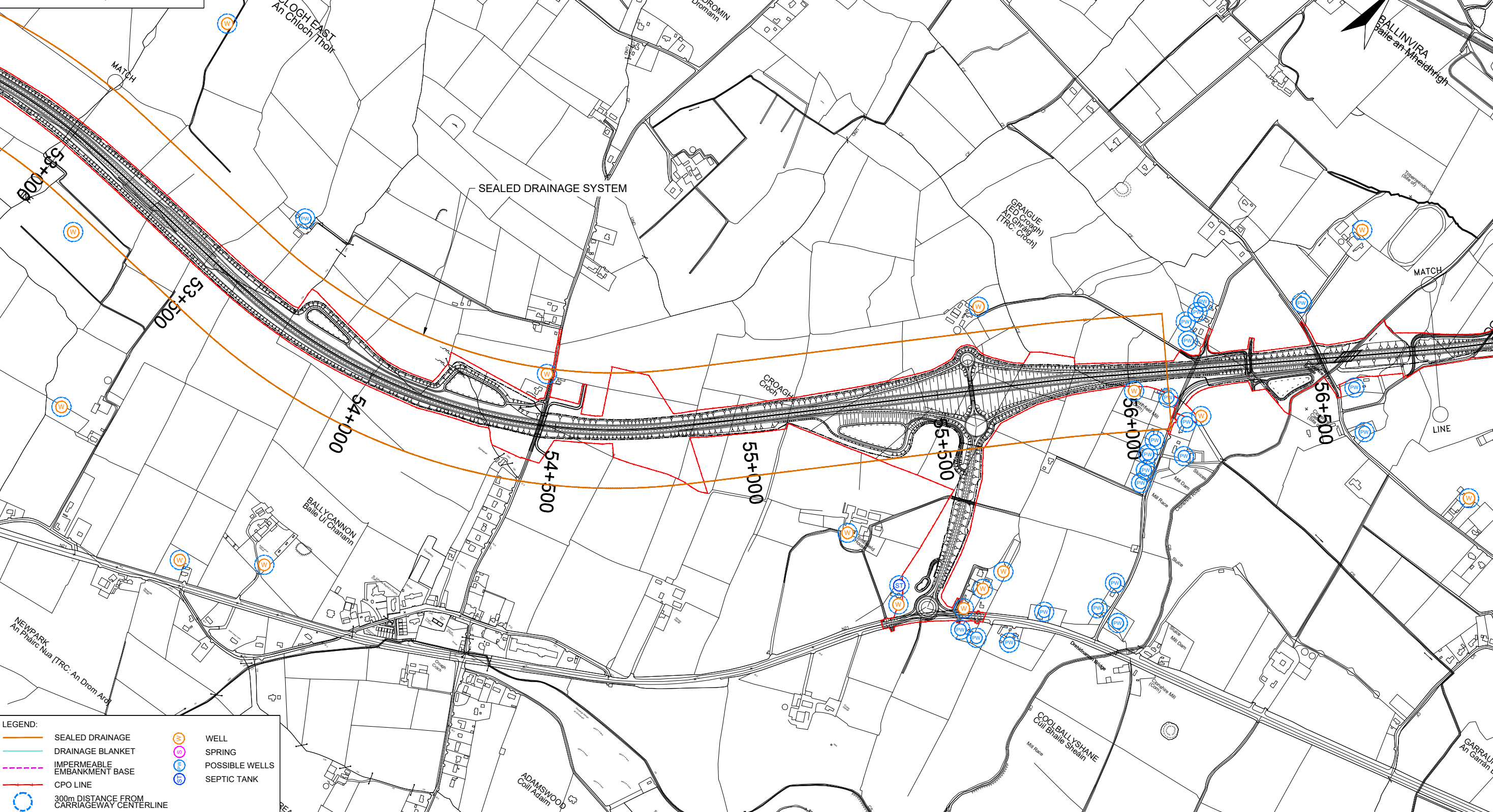
   		 <p>Arena House, Arena Road, Sandyford, Dublin 18. Tel : +353 (1) 2940800 Fax : +353 (1) 2940820 e-mail : info@rod.ie Website : www.rod.ie www.aecom.com</p>		<p>Project</p> <p><b>Foynes to Limerick Road (including Adare Bypass)</b></p> <p><b>Environmental Impact Assessment Report</b></p>		<p>Drawing Title:</p> <p><b>HYDROLOGICAL MITIGATION SECTION D SHEET 1 OF 5</b></p>		
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Approved: SMG	Date: December 2019							

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LEGEND:

SEALED DRAINAGE	WELL
DRAINAGE BLANKET	SPRING
IMPERMEABLE EMBANKMENT BASE	POSSIBLE WELLS
CPO LINE	SEPTIC TANK
300m DISTANCE FROM CARRIAGEWAY CENTERLINE	

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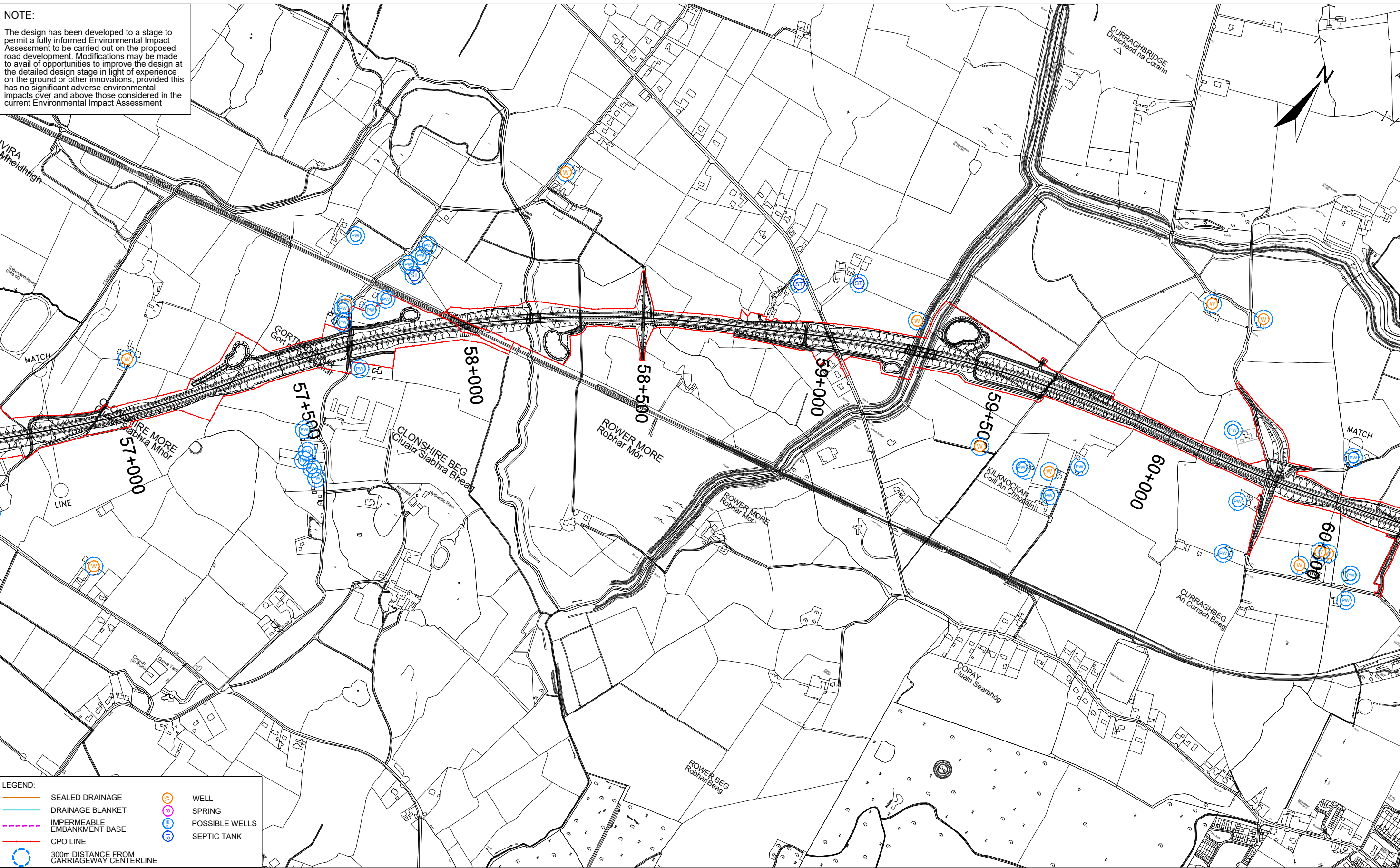
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Foynes to Limerick Road  
(including Adare Bypass)

Environmental Impact  
Assessment Report

Drawing Title:  
HYDROLOGICAL MITIGATION  
SECTION D  
SHEET 3 OF 5

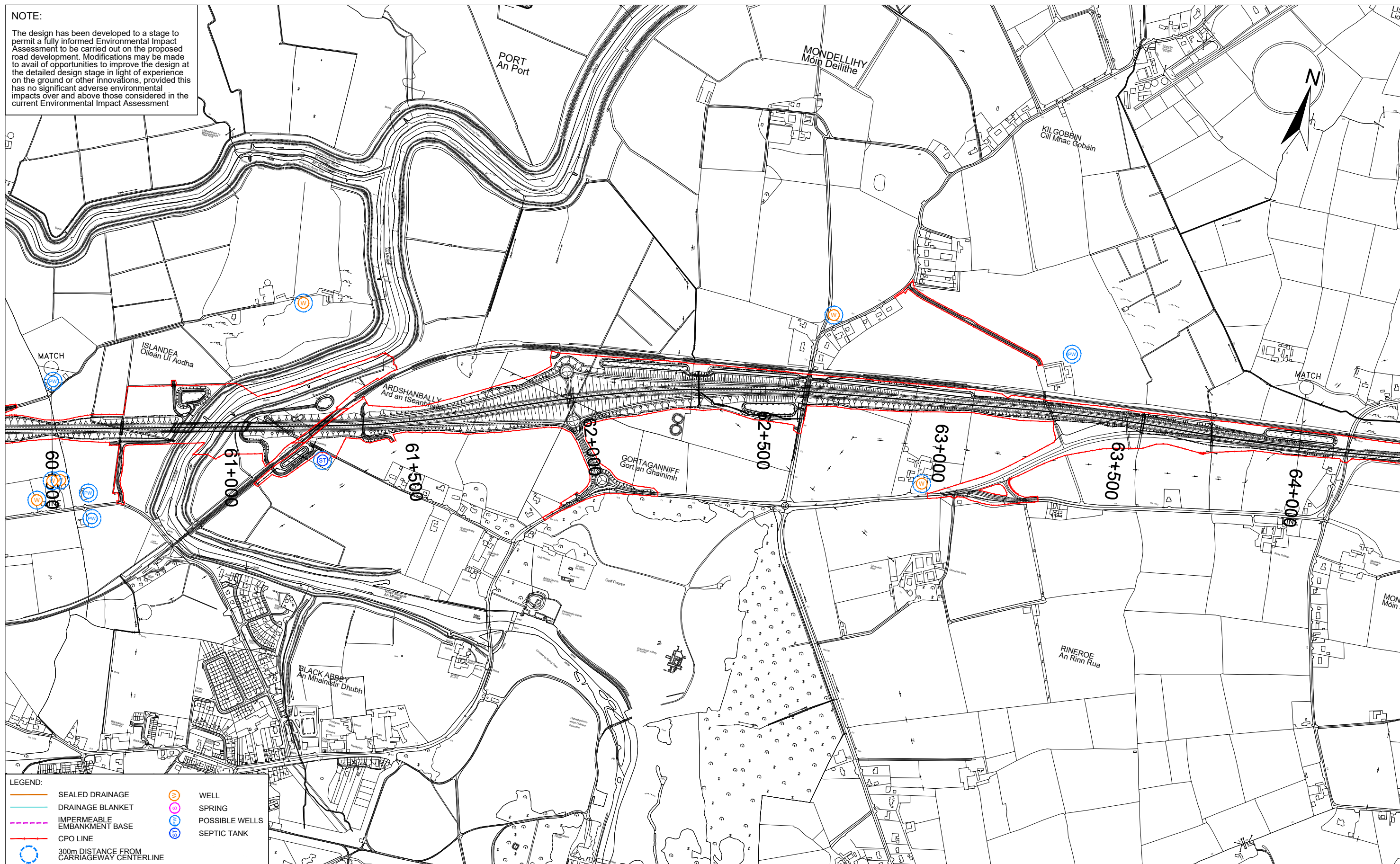
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Approved: SMG	Date: December 2019	Rev: -

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Drawing Title:

HYDROLOGICAL MITIGATION  
SECTION D  
SHEET 4 OF 5

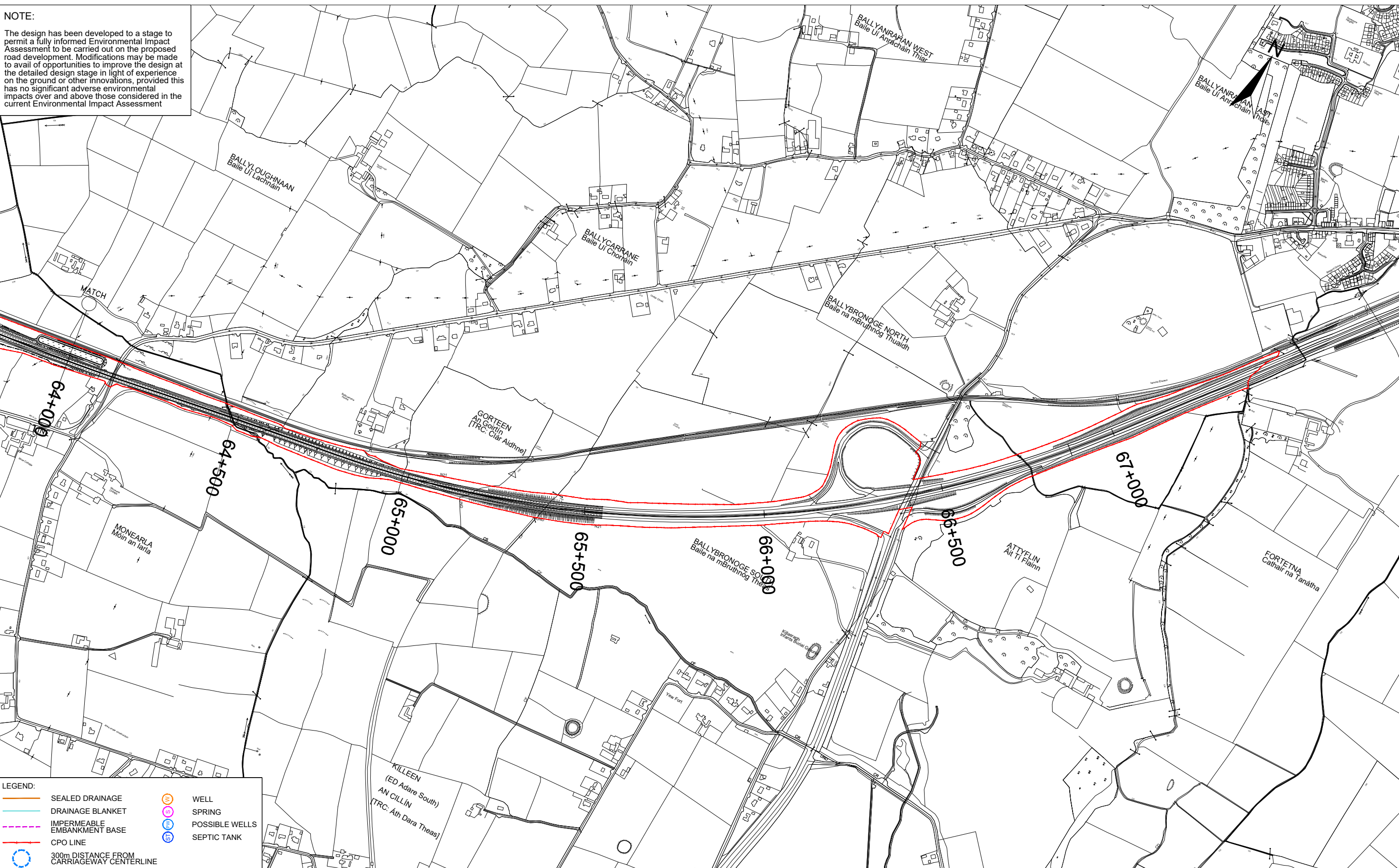
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Approved: SMG	Date: December 2019	Rev: -

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Approved: SMG	Date: December 2019							

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