



# M11 Gorey to Enniscorthy Scheme



## Environmental Impact Statement Volume 4 - Figures



April 2009



# M11 Gorey to Enniscorthy Scheme

## Environmental Impact Statement Volume 4 - Figures

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Chapter 3:	Proposed Scheme General Layout		Bedrock Aquifer Map
	Proposed Scheme Plan & Profile		Groundwater Vulnerability Map
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# M11 Gorey to Enniscorthy Scheme

## Environmental Impact Statement Volume 4 - Figures

### Chapter 14

#### **Landscape Character Areas**

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Figure 14.1.1  
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#### **Visual Impact Assessment & Landscape Masterplan**

M11 Mainline – Start to Ch. 2,730m – Sheet 1 of 15  
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M11 Mainline – Ch. 4,630m to Ch. 6,430m – Sheet 3 of 15  
M11 Mainline – Ch. 6,430m to Ch. 8,330m – Sheet 4 of 15  
M11 Mainline – Ch. 8,330m to Ch. 10,210m – Sheet 5 of 15  
M11 Mainline – Ch. 10,210m to Ch. 12,110m – Sheet 6 of 15  
M11 Mainline – Ch. 12,110m to Ch. 13,910m – Sheet 7 of 15  
M11 Mainline – Ch. 13,910m to Ch. 15,805m – Sheet 8 of 15  
M11 Mainline – Ch. 15,805m to Ch. 17,610m – Sheet 9 of 15  
M11 Mainline – Ch. 17,610m to Ch. 19,400m – Sheet 10 of 15  
M11 Mainline – Ch. 19,400m to Ch. 21,200m – Sheet 11 of 15  
M11 Mainline – Ch. 21,200m to Ch. 23,000m – Sheet 12 of 15  
M11 Mainline – Ch. 23,000m to Ch. 24,800m – Sheet 13 of 15  
M11 Mainline – Ch. 24,800m to Ch. 26,600m – Sheet 14 of 15  
M11 Mainline – Ch. 26,600m to End – Sheet 15 of 15  
N80 Link Road – Start to Ch. 1,495m – Sheet 1 of 3

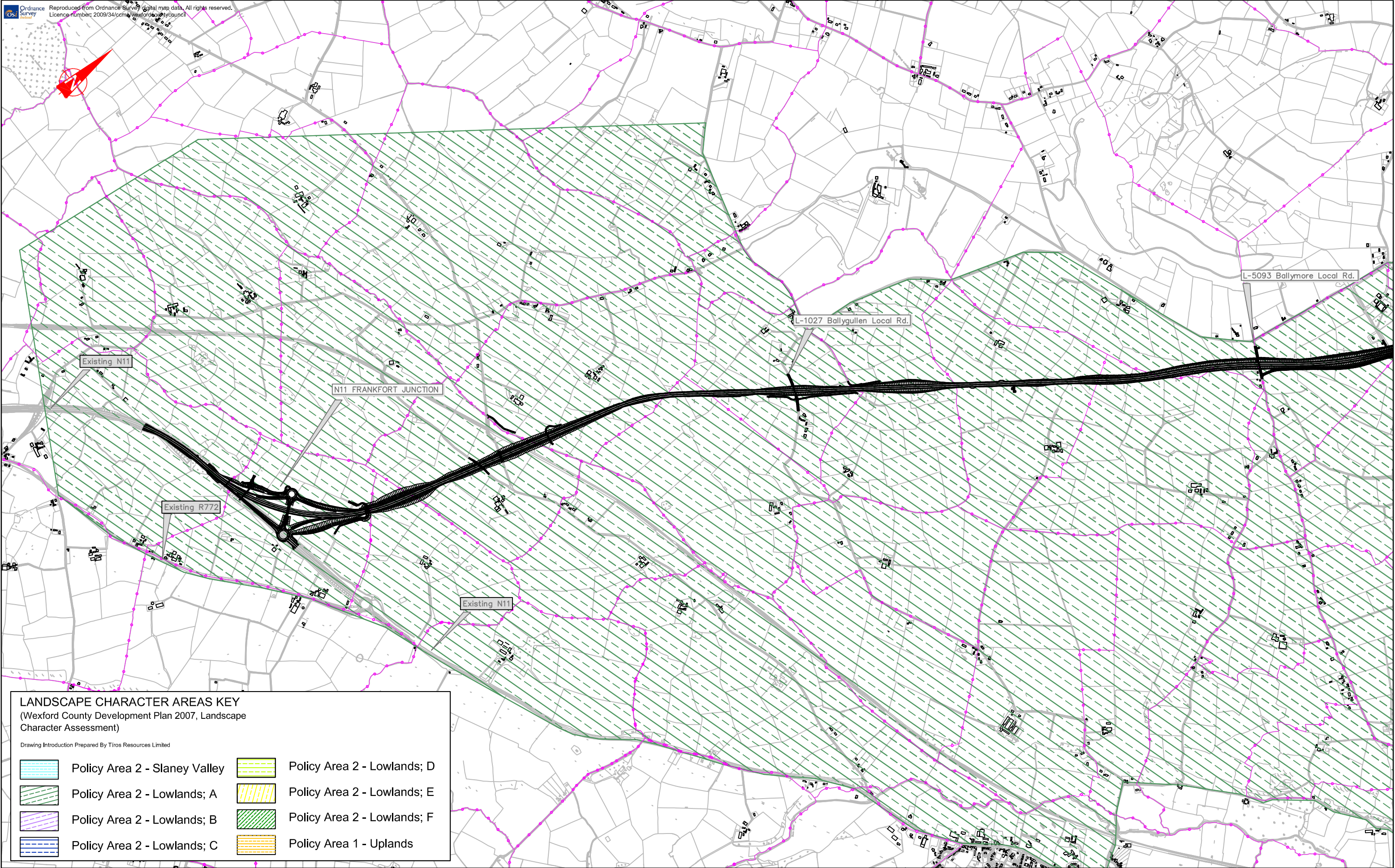
Figure 14.2.1  
Figure 14.2.2  
Figure 14.2.3  
Figure 14.2.4  
Figure 14.2.5  
Figure 14.2.6  
Figure 14.2.7  
Figure 14.2.8  
Figure 14.2.9  
Figure 14.2.10  
Figure 14.2.11  
Figure 14.2.12  
Figure 14.2.13  
Figure 14.2.14  
Figure 14.2.15  
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#### **Visual Impact Assessment & Landscape Masterplan Cont'd**

N80 Link Road – Ch. 1,495m to Ch. 2,990m – Sheet 2 of 3  
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N30 Mainline – Start to Ch. 1,160m – Sheet 1 of 5  
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Figure 14.2.17  
Figure 14.2.18  
Figure 14.2.19  
Figure 14.2.20  
Figure 14.2.21  
Figure 14.2.22  
Figure 14.2.23

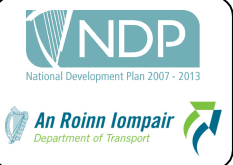




**LANDSCAPE CHARACTER AREAS KEY**  
(Wexford County Development Plan 2007, Landscape Character Assessment)

Drawing Introduction Prepared By Tiro Resources Limited

- |  |                               |  |                             |
|--|-------------------------------|--|-----------------------------|
|  | Policy Area 2 - Slaney Valley |  | Policy Area 2 - Lowlands; D |
|  | Policy Area 2 - Lowlands; A   |  | Policy Area 2 - Lowlands; E |
|  | Policy Area 2 - Lowlands; B   |  | Policy Area 2 - Lowlands; F |
|  | Policy Area 2 - Lowlands; C   |  | Policy Area 1 - Uplands     |



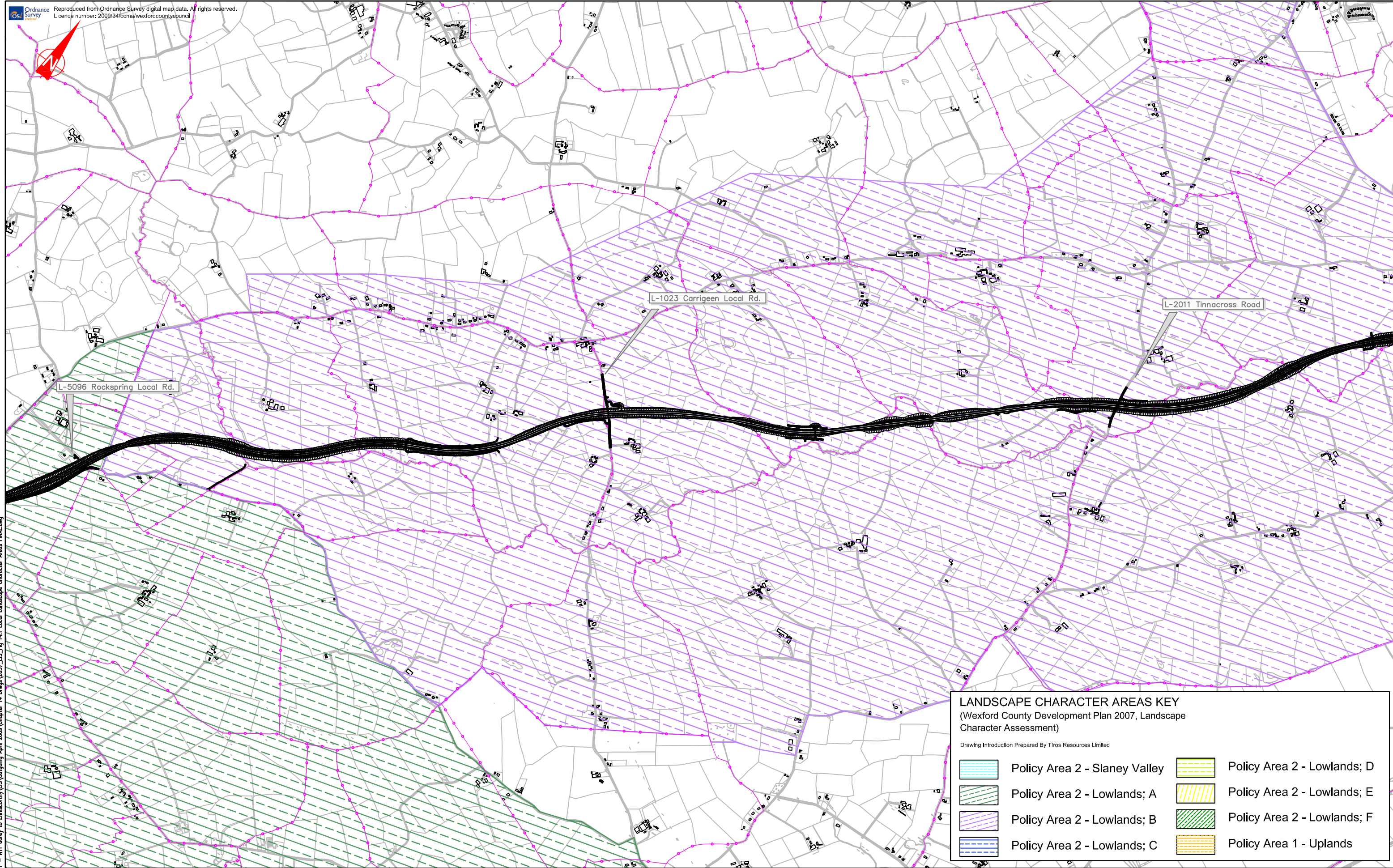
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e-mail: rtwsp@ryanhaley.ie

Rev	By	Date	Description
A	DD	220409	Updated Alignment

Project: <b>N11 Gorey to Enniscorthy Scheme</b>			
Component: <b>EIS Landscaping</b>			
Title: <b>Fig. 14.1.1 Character Areas</b>			
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Drawn: DD	Date: 06/05/09	Original Scale: 1:2500 @ A1	Fig.14.1.1 Rev A
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LANDSCAPE CHARACTER AREAS KEY  
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Drawing Introduction Prepared By Tiros Resources Limited

Policy Area 2 - Slaney Valley

Policy Area 2 - Lowlands; A

Policy Area 2 - Lowlands; B

Policy Area 2 - Lowlands; C

Policy Area 2 - Lowlands; D

Policy Area 2 - Lowlands; E

Policy Area 2 - Lowlands; F

Policy Area 1 - Uplands

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progress in motion

NDP

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Department of Transport

NRA

National Roads Authority

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Project:

N11 Gorey to Enniscorthy Scheme

Component:

EIS Landscaping

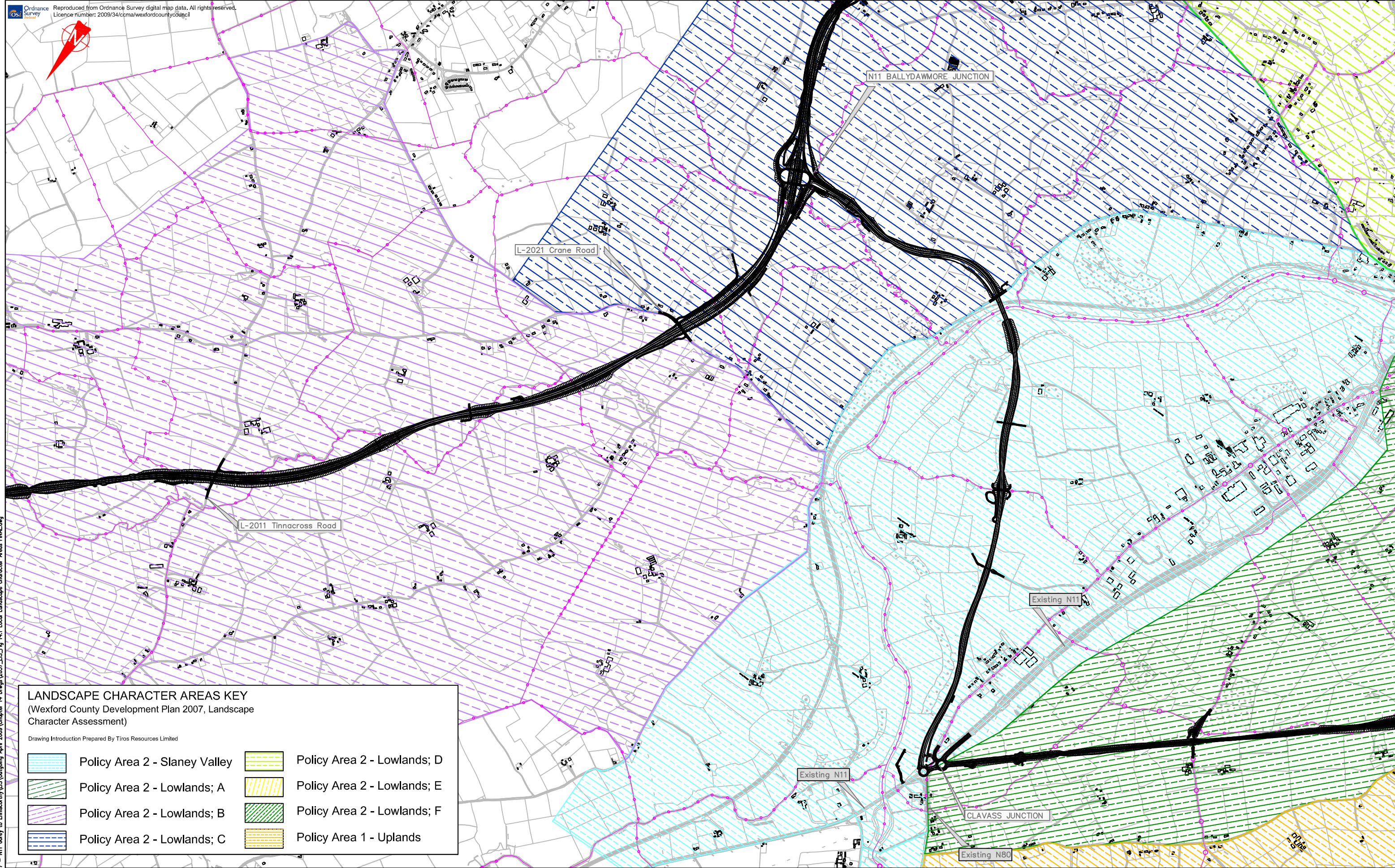
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ORIGINAL SIZE A1 H:\AutoCAD\2057 - N11 Gorey to Enniscorthy\ES\Outgoing April 2009\Chapter 14 Drawings\2057\_ES\_Fig 14.1 Local Landscape Character Areas FINAL.dwg





LANDSCAPE CHARACTER AREAS KEY  
(Wexford County Development Plan 2007, Landscape Character Assessment)

Drawing Introduction Prepared By Tíros Resources Limited

Policy Area 2 - Slaney Valley

Policy Area 2 - Lowlands; A

Policy Area 2 - Lowlands; B

Policy Area 2 - Lowlands; C

Policy Area 2 - Lowlands; D

Policy Area 2 - Lowlands; E

Policy Area 2 - Lowlands; F

Policy Area 1 - Uplands

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Project:

N11 Gorey to Enniscorthy Scheme

Component:

EIS Landscaping

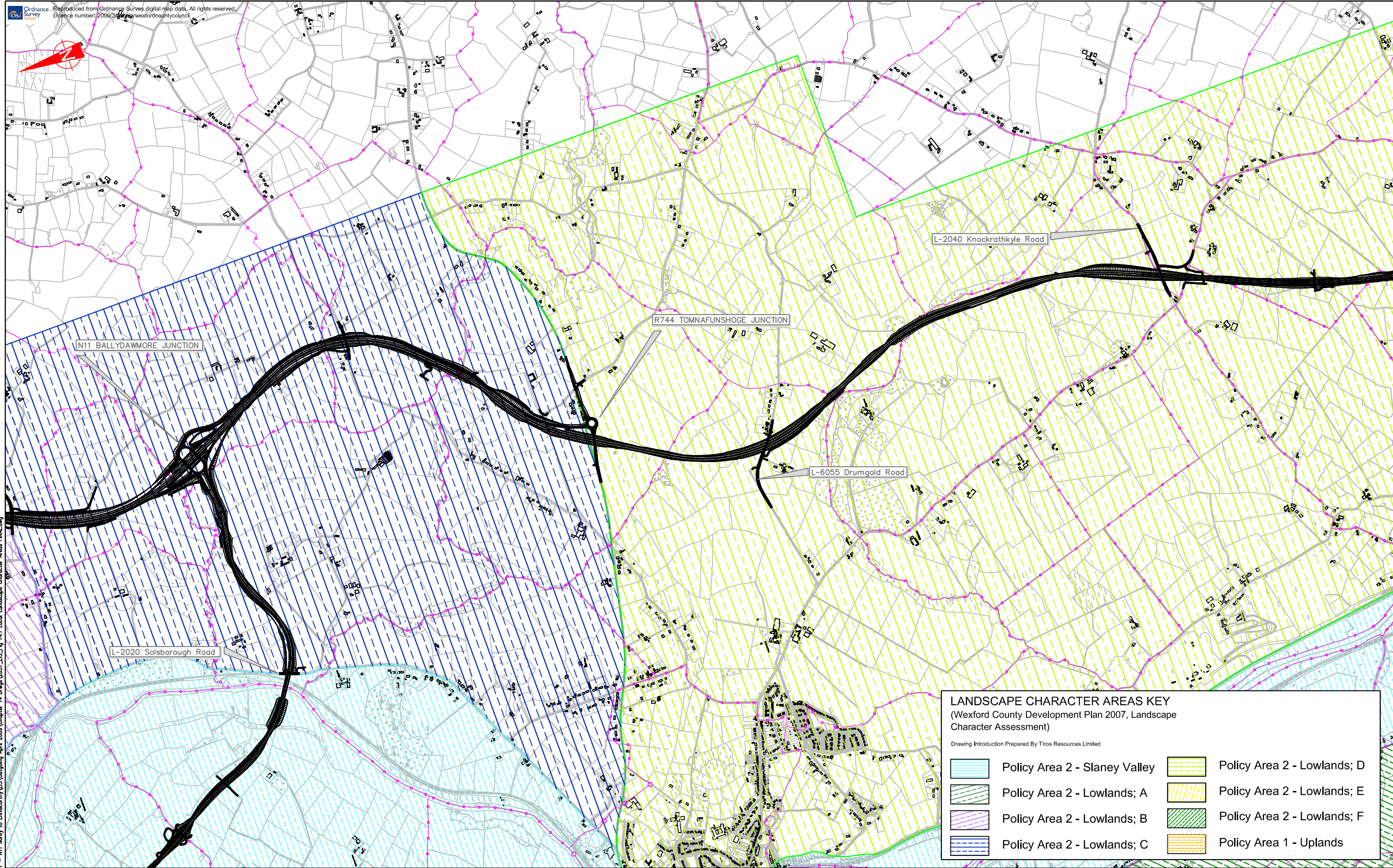
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Fig. 14.1.3 Character Areas

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Checked: TD	Date: 06/05/09	Date:	06/05/09

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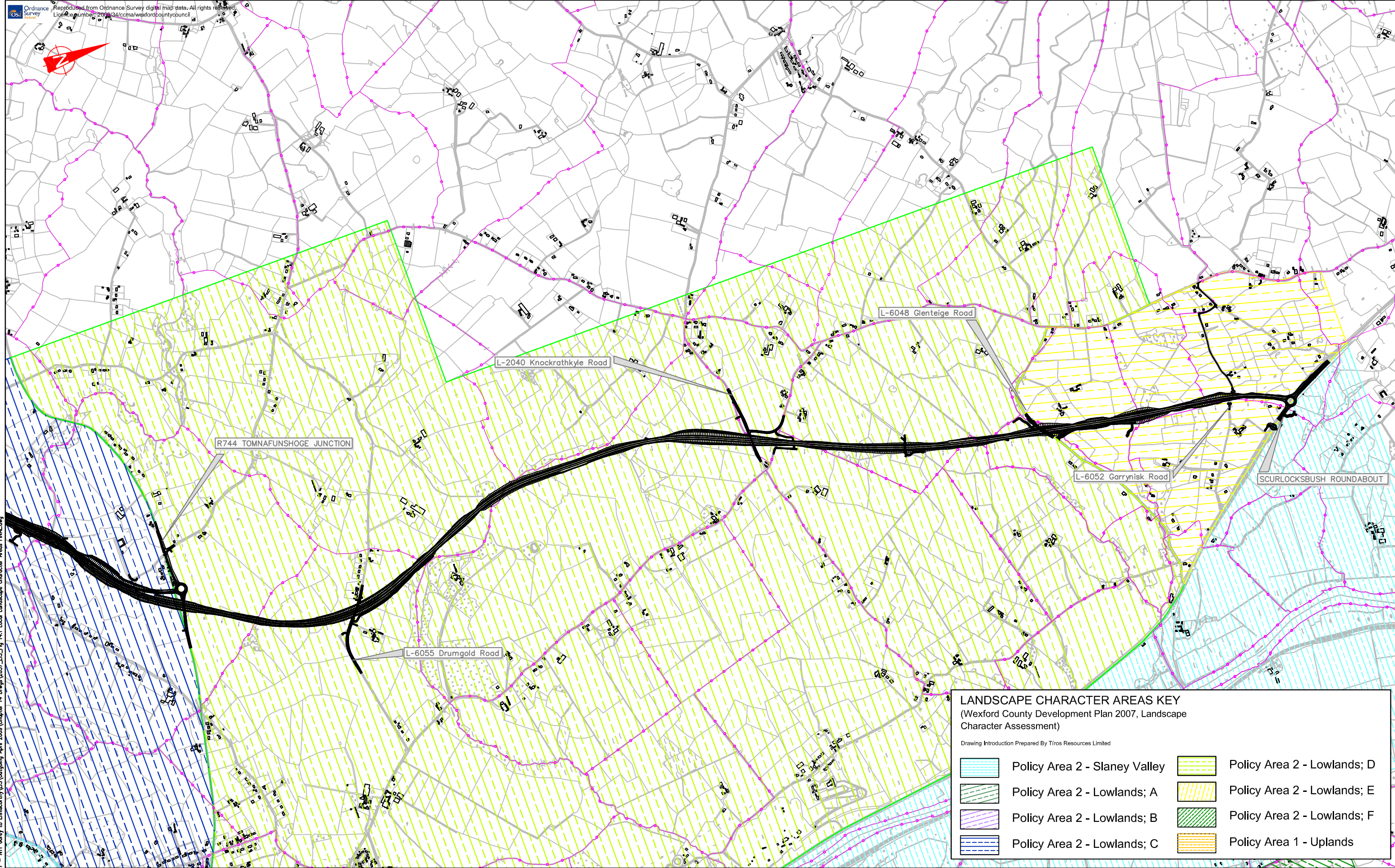
**LANDSCAPE CHARACTER AREAS KEY**  
(Wexford County Development Plan 2007, Landscape Character Assessment)

Drawing Introduction Prepared By Tiro Resources Limited

	Policy Area 2 - Slaney Valley		Policy Area 2 - Lowlands; D
	Policy Area 2 - Lowlands; A		Policy Area 2 - Lowlands; E
	Policy Area 2 - Lowlands; B		Policy Area 2 - Lowlands; F
	Policy Area 2 - Lowlands; C		Policy Area 1 - Uplands

 progress in motion	 National Development Plan 2007 - 2013  Department of Transport	 National Roads Authority An tÚdará um Bóithre Náisiúnta	 WEXFORD COUNTY COUNCIL County Hall Wexford	 TRAMORE HOUSE ROAD DESIGN OFFICE Tramore Co. Waterford	 <b>Ryan Hanley WSP</b> Sherwood House, Sherwood Avenue, Taylor's Hill Galway, Ireland Tel: +353 (0)91 587116 Fax: +353 (0)91 587102 e-mail: rhwsp@ryanhanley.ie	Rev	By	Date	Description
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						Component: EIS Landscaping			
						Title: Fig. 14.1.4 Character Areas			
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Drawn: DD		Date: 06/05/09		Original Scale: 1:2500 @ A1		Fig. 14.1.4 Rev A			
Checked: TD		Date: 06/05/09		Date: 06/05/09					





Policy Area 2 - Slaney Valley

Policy Area 2 - Lowlands; A

Policy Area 2 - Lowlands; B

Policy Area 2 - Lowlands; C

Policy Area 2 - Lowlands; D

Policy Area 2 - Lowlands; E

Policy Area 2 - Lowlands; F

Policy Area 1 - Uplands

LANDSCAPE CHARACTER AREAS KEY

(Wexford County Development Plan 2007, Landscape Character Assessment)

Drawing Introduction Prepared By Tíros Resources Limited

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National Development Plan 2007 - 2013

Department of Transport

National Roads Authority

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WEXFORD COUNTY COUNCIL

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Rev	By	Date	Description
A	DD	220409	Updated Alignment

Project:

**N11 Gorey to Enniscorthy Scheme**

Component:

EIS Landscaping

Title:

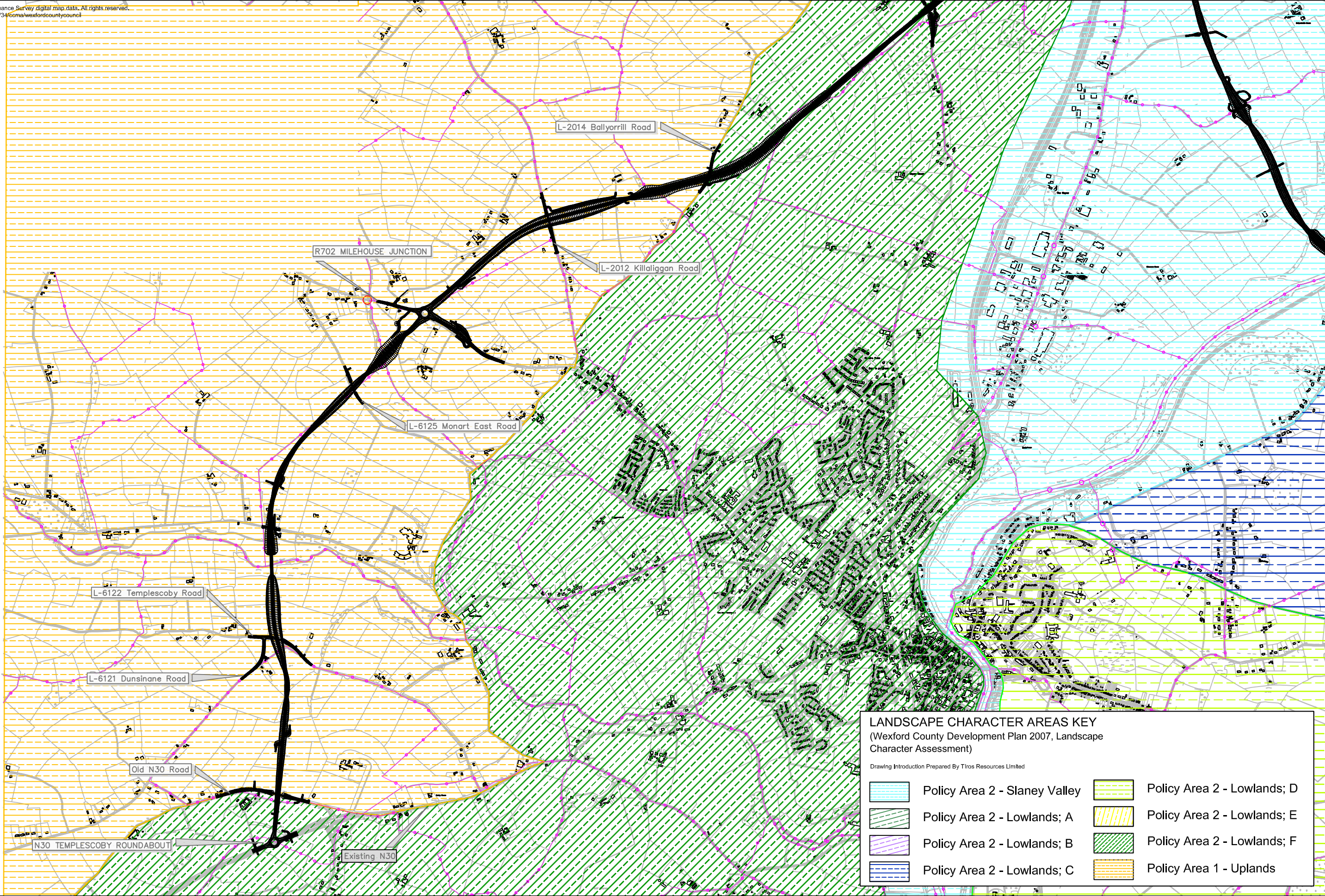
Fig. 14.1.5 Character Areas

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Checked: TD	Date: 06/05/09	Date: 06/05/09	

ORIGINAL SIZE A1

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**LANDSCAPE CHARACTER AREAS KEY**  
(Wexford County Development Plan 2007, Landscape Character Assessment)

Drawing Introduction Prepared By Tinos Resources Limited

Policy Area 2 - Slaney Valley

Policy Area 2 - Lowlands; A

Policy Area 2 - Lowlands; B

Policy Area 2 - Lowlands; C

Policy Area 2 - Lowlands; D

Policy Area 2 - Lowlands; E

Policy Area 2 - Lowlands; F

Policy Area 1 - Uplands

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ORIGINAL SIZE A1

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Department of Transport

National Roads Authority  
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Rev	By	Date	Description
A	DD	220409	Updated Alignment

Project: **N11 Gorey to Enniscorthy Scheme**

Component: **EIS Landscaping**

Title: **Fig. 14.1.6 Character Areas**

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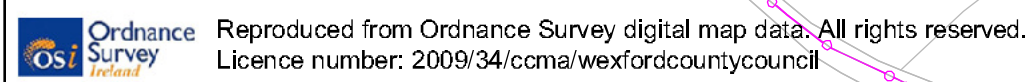
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e-mail: rhwsp@ryanhanley.ie**

Rev	By	Date	Description
A	DD	300409	Updated Alignment

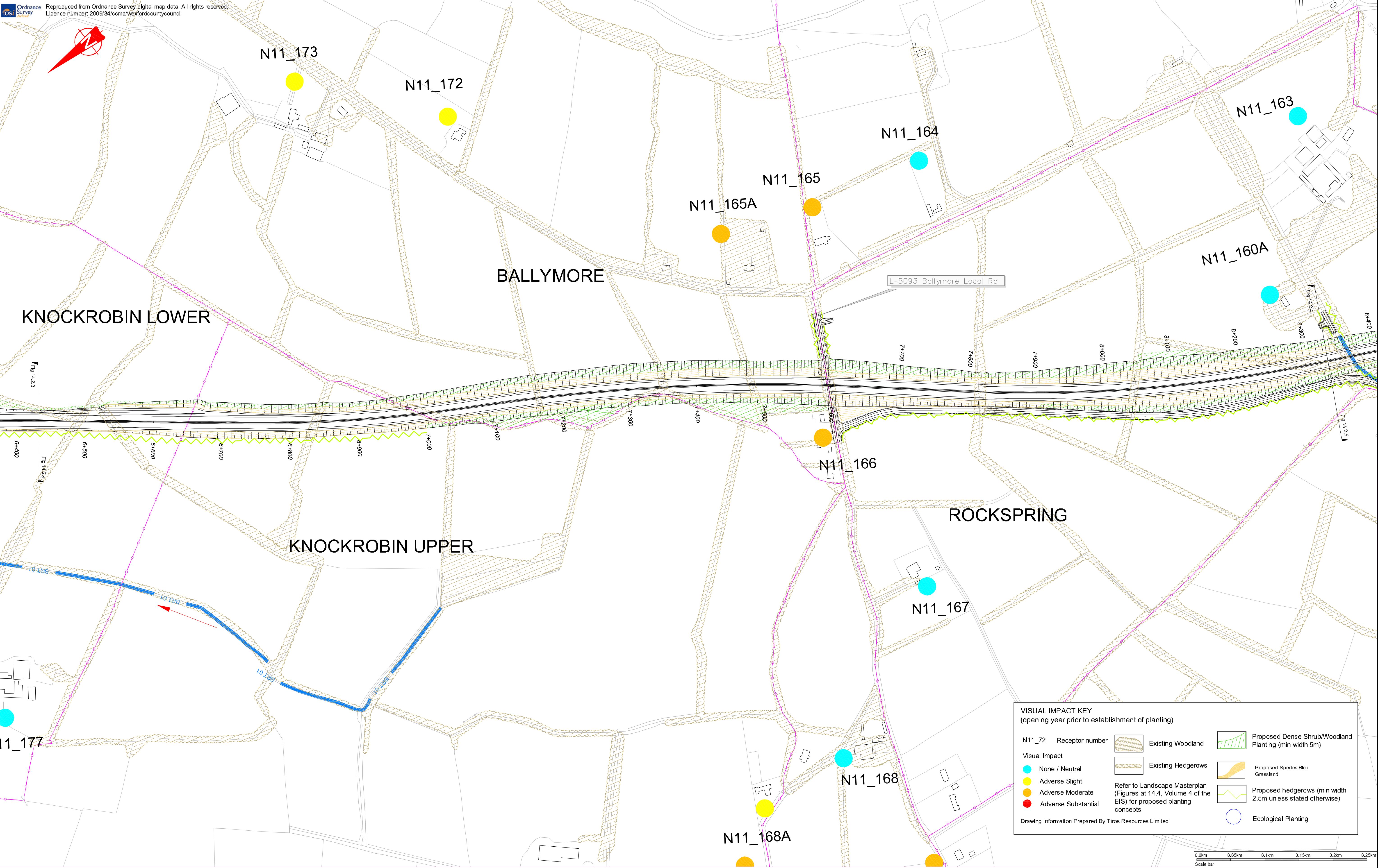
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Component: <b>Fig. 14.2.2 Preliminary Landscape Masterplan</b>				
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Designed: SC	Date: 18/12/08	File Name: 2057_LP	Drawing No:	
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Checked: PG	Date: 02/12/09	15/01/08		





																																																									
<b>transport21</b> progress in motion	<b>NDP</b> National Development Plan 2007 - 2013  	<b>NRA</b> National Roads Authority An tUdárás um Bóithre Náisiúnta	<b>WEXFORD COUNTY COUNCIL</b> County Hall Wexford  	<b>TRAMORE HOUSE ROAD DESIGN OFFICE</b> Tramore Co. Waterford	<b>Ryan Hanley WSP</b>  Sherwood House, Sherwood Avenue, Taylor's Hill Galway, Ireland Tel: +353 (0)91 587116 Fax: +353 (0)91 587102 e-mail: rhwsp@ryanhaley.ie	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Rev</th> <th>By</th> <th>Date</th> <th>Description</th> </tr> <tr> <td>A</td> <td>DD</td> <td>300409</td> <td>Updated Alignment</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	Rev	By	Date	Description	A	DD	300409	Updated Alignment																					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4">Project: <b>M11 Gorey to Enniscorthy Scheme</b></th> </tr> <tr> <td colspan="4">Component: Fig. 14.2.3 Preliminary Landscape Masterplan</td> </tr> <tr> <td colspan="4">Title: M11 Mainline - Ch. 4630m to 6430m - Sheet 3 of 15</td> </tr> <tr> <td>Designed: SC</td> <td>Date: 18/12/08</td> <td>File Name: 2057_LP</td> <td rowspan="3">Drawing No: Fig 14.2.3 Rev A</td> </tr> <tr> <td>Drawn: DD</td> <td>Date: 16/01/09</td> <td>Original Scale: 1:2500 @ A1</td> </tr> <tr> <td>Checked: PG</td> <td>Date: 16/12/09</td> <td>Date: 16/01/09</td> </tr> </table>	Project: <b>M11 Gorey to Enniscorthy Scheme</b>				Component: Fig. 14.2.3 Preliminary Landscape Masterplan				Title: M11 Mainline - Ch. 4630m to 6430m - Sheet 3 of 15				Designed: SC	Date: 18/12/08	File Name: 2057_LP	Drawing No: Fig 14.2.3 Rev A	Drawn: DD	Date: 16/01/09	Original Scale: 1:2500 @ A1	Checked: PG	Date: 16/12/09	Date: 16/01/09
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Drawn: DD	Date: 16/01/09	Original Scale: 1:2500 @ A1																																																							
Checked: PG	Date: 16/12/09	Date: 16/01/09																																																							





**VISUAL IMPACT KEY**  
(opening year prior to establishment of planting)

N11_72	Receptor number		Existing Woodland		Proposed Dense Shrub/Woodland Planting (min width 5m)
	None / Neutral		Existing Hedgerows		Proposed Spades Rich Grassland
	Adverse Slight	Refer to Landscape Masterplan (Figures at 14.4, Volume 4 of the EIS) for proposed planting concepts.			Proposed hedgerows (min width 2.5m unless stated otherwise)
	Adverse Moderate				Ecological Planting
	Adverse Substantial	Drawing Information Prepared By Tiro Resources Limited			

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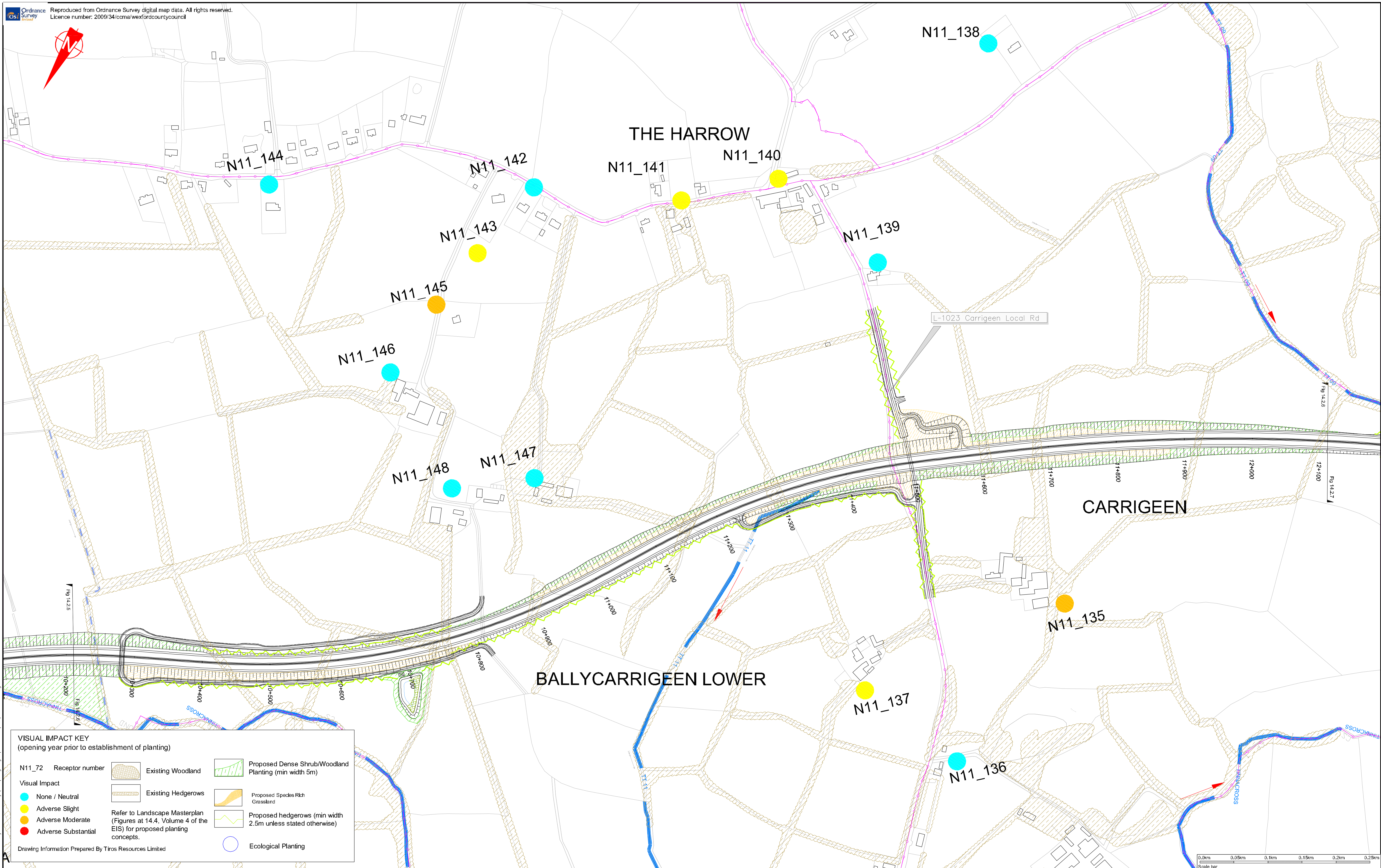
Rev	By	Date	Description
A	DD	300409	Updated Alignment

Project: <b>M11 Gorey to Enniscorthy Scheme</b>			
Component: Fig. 14.2.4 Preliminary Landscape Masterplan			
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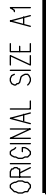




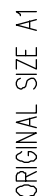












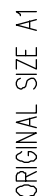




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**e-mail: rhwsp@ryanhanley.ie**

Project: <b>M11 Gorey to Enniscorthy Scheme</b>				
Component: Fig. 14.2.10 Preliminary Landscape Masterplan				
Title: M11 Mainline - Ch. 17610m to 19400m - Sheet 10 of 15				
Designed: SC	Date: 18/12/08	File Name: 2057_LP	Drawing No:  Fig 14.2.10 Rev A	
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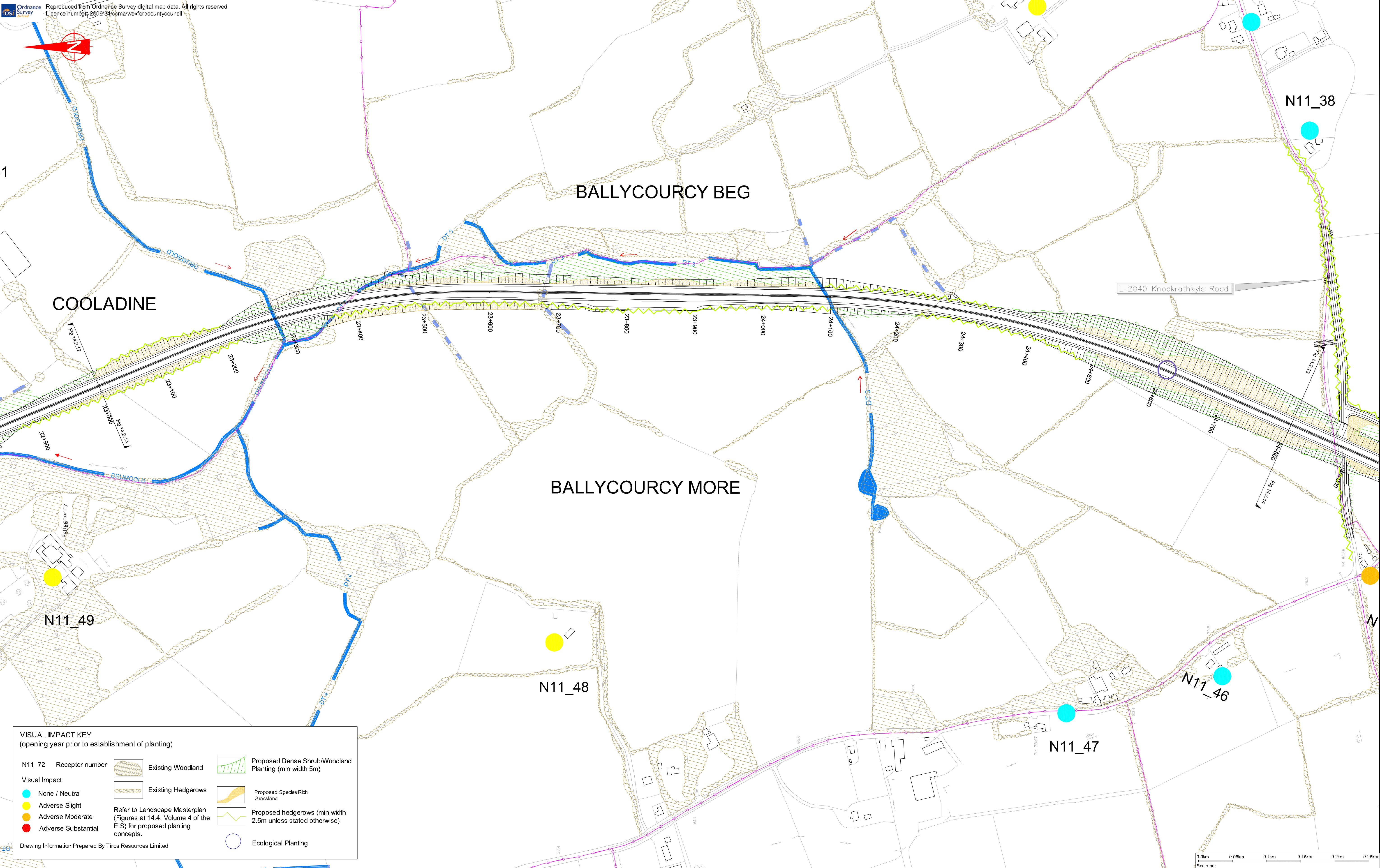












**VISUAL IMPACT KEY**  
(opening year prior to establishment of planting)

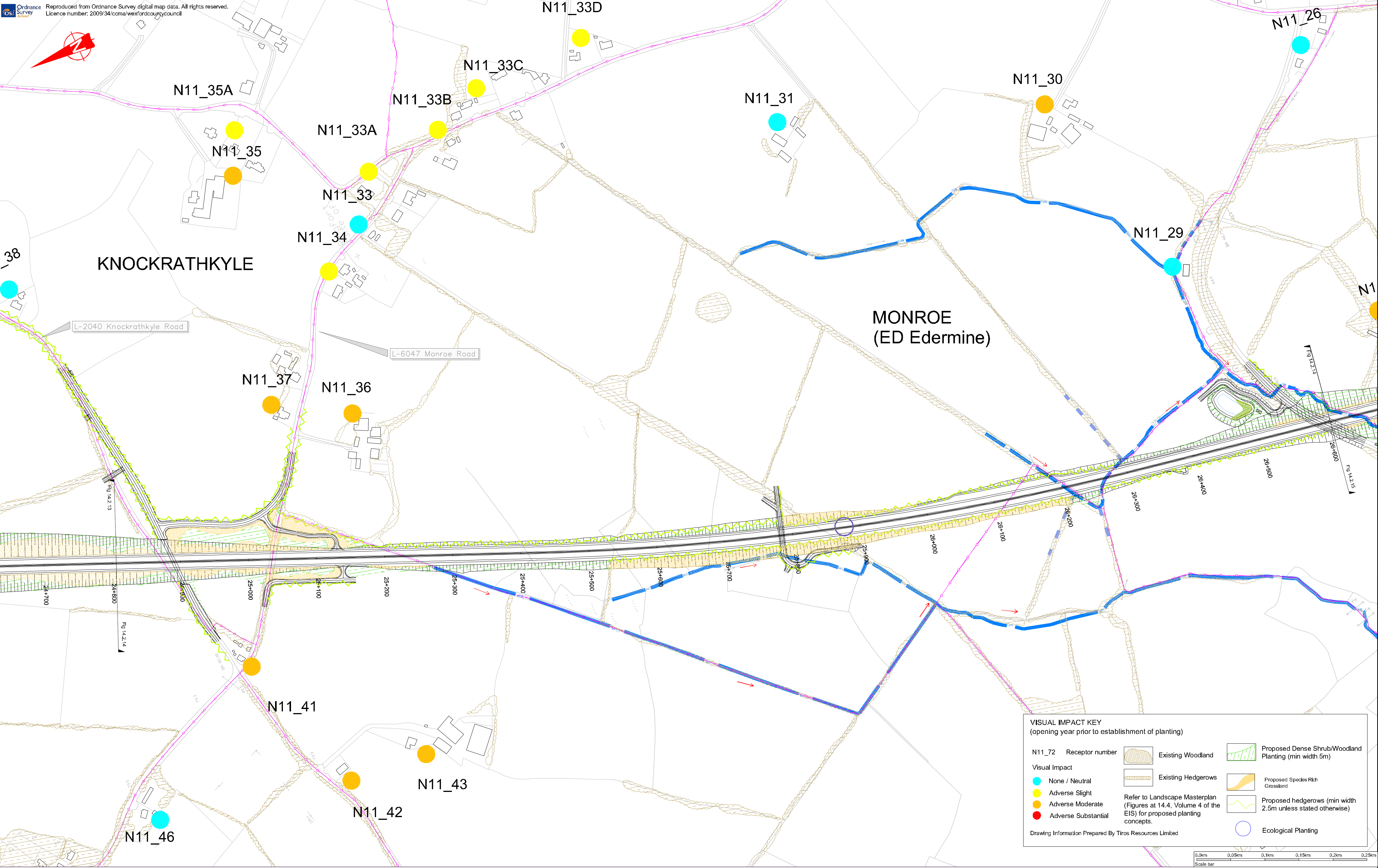
N11_72 Receptor number	Existing Woodland	Proposed Dense Shrub/Woodland Planting (min width 5m)
Visual Impact	Existing Hedgerows	Proposed Species Rich Grassland
None / Neutral	Refer to Landscape Masterplan (Figures at 14.4, Volume 4 of the EIS) for proposed planting concepts.	Proposed hedgerows (min width 2.5m unless stated otherwise)
Adverse Slight		Ecological Planting
Adverse Moderate		
Adverse Substantial		

Drawing Information Prepared By Tiro Resources Limited

Rev	By	Date	Description
A	DD	300409	Updated Alignment

Project: <b>M11 Gorey to Enniscorthy Scheme</b>			
Component: Fig. 14.2.13 Preliminary Landscape Masterplan			
Title: M11 Mainline - Ch. 23000m to 24800m - Sheet 13 of 15			
Designed: SC	Date: 18/12/08	File Name: 2057_LP	Drawing No: Fig 14.2.13 Rev A
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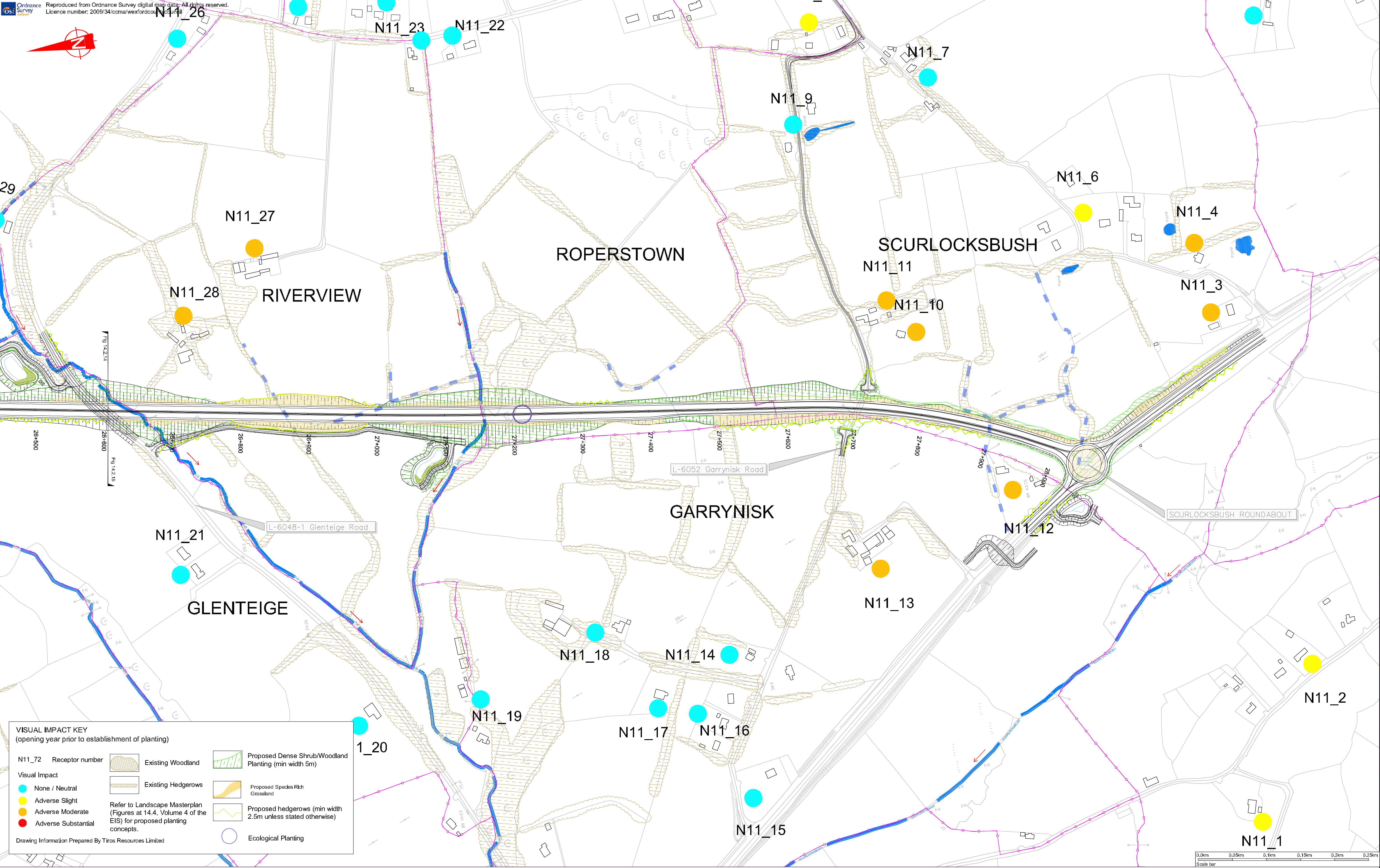
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Rev	By	Date	Description
A	DD	300409	Updated Alignment

Project: <b>M11 Gorey to Enniscorthy Scheme</b>			
Component: Fig. 14.2.14 Preliminary Landscape Masterplan			
Title: M11 Mainline - Ch. 24800m to 26600m - Sheet 14 of 15			
Designed: SC	Date: 18/12/08	File Name: 2057_LP	Drawing No:
Drawn: DD	Date: 16/01/09	Original Scale: 1:2500 @ A1	Fig 14.2.14 Rev A
Checked: PG	Date: 16/01/09	Date: 16/01/09	





**VISUAL IMPACT KEY**  
(opening year prior to establishment of planting)

N11_72	Receptor number	Existing Woodland	Proposed Dense Shrub/Woodland Planting (min width 5m)
Cyan	None / Neutral	Existing Woodland	Proposed Dense Shrub/Woodland Planting (min width 5m)
Yellow	Adverse Slight	Existing Hedgerows	Proposed Species Rich Grassland
Orange	Adverse Moderate	Refer to Landscape Masterplan (Figures at 14.4, Volume 4 of the EIS) for proposed planting concepts.	Proposed hedgerows (min width 2.5m unless stated otherwise)
Red	Adverse Substantial		Ecological Planting

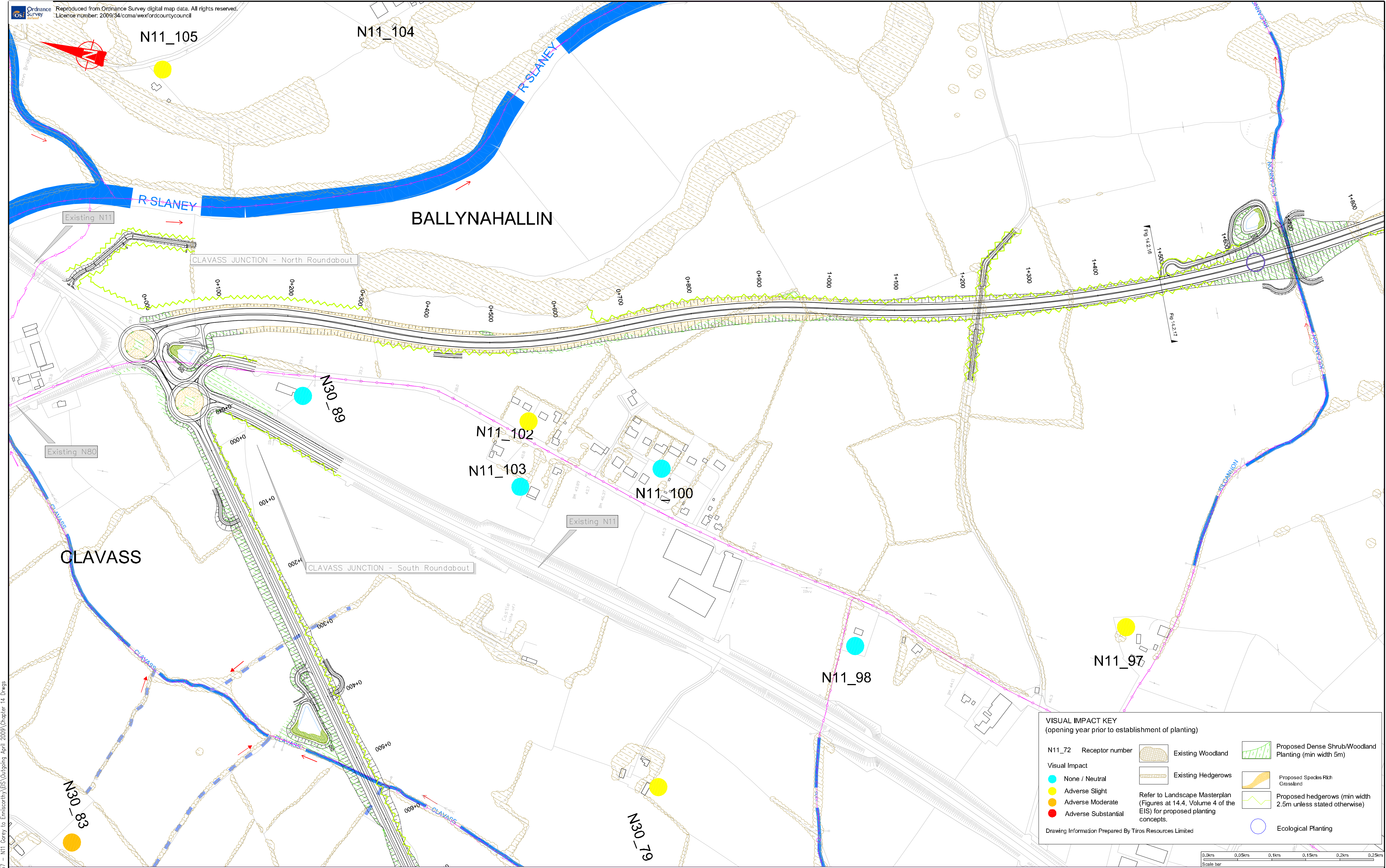
Drawing Information Prepared By Tiros Resources Limited



Rev	By	Date	Description
A	DD	300409	Updated Alignment

Project: <b>M11 Gorey to Enniscorthy Scheme</b>			
Component: Fig. 14.2.15 Preliminary Landscape Masterplan			
Title: M11 Mainline - Ch. 26600m to End - Sheet 15 of 15			
Designed: SC	Date: 18/12/08	File Name: 2057_LP	Drawing No:
Drawn: DD	Date: 16/01/09	Original Scale: 1:2500 @ A1	Fig 14.2.15 Rev A
Checked: PG	Date: 16/01/09	Date: 16/01/09	





**VISUAL IMPACT KEY**  
(opening year prior to establishment of planting)

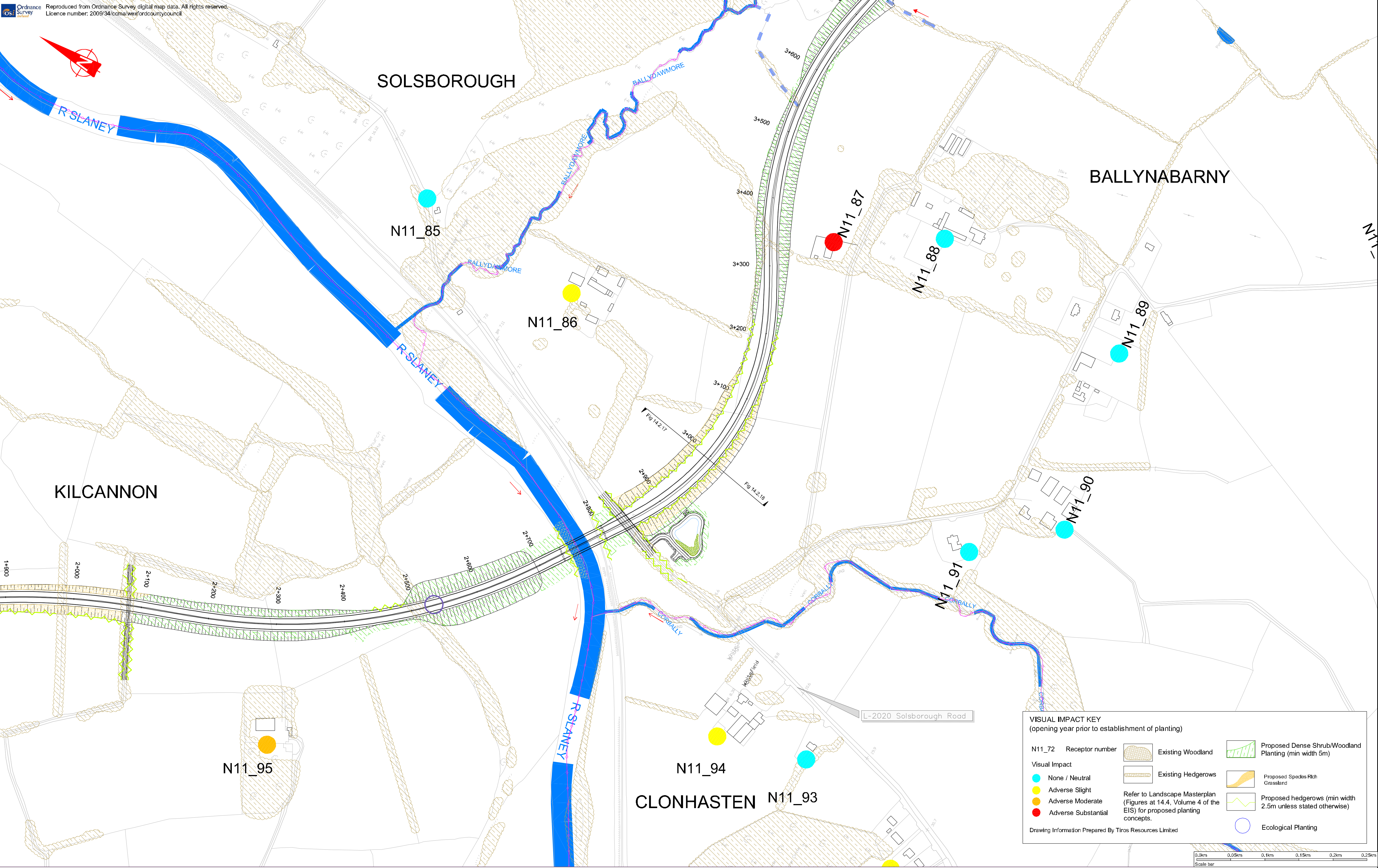
N11_72	Receptor number		Existing Woodland		Proposed Dense Shrub/Woodland Planting (min width 5m)
Visual Impact			Existing Hedgerows		Proposed Species Rich Grassland
	None / Neutral	Refer to Landscape Masterplan (Figures at 14.4, Volume 4 of the EIS) for proposed planting concepts.			
	Adverse Slight				
	Adverse Moderate				
	Adverse Substantial				
				Ecological Planting	

Drawing Information Prepared By Tiro Resources Limited

ORIGINAL SIZE A1  
H:\AutoCAD\2057 - N11 Gorey to Enniscorthy\ES\Outgoing April 2009\Chapter 14 Drawings

 progress in motion	 National Development Plan 2007 - 2013	 National Roads Authority An tÚdarás um Bóithre Náisiúnta	 WEXFORD COUNTY COUNCIL County Hall Wexford	 TRAMORE HOUSE ROAD DESIGN OFFICE Tramore Co. Waterford	<b>Ryan Hanley WSP</b>  Sherwood House, Sherwood Avenue, Taylor's Hill Galway, Ireland Tel: +353 (0)91 587116 Fax: +353 (0)91 587102 e-mail: rhwsp@ryanhanley.ie	Rev	By	Date	Description
						A	DD	300409	Updated Alignment
						Project: <b>M11 Gorey to Enniscorthy Scheme</b>			
						Component: Fig. 14.2.16 Preliminary Landscape Masterplan			
						Title: N80 Link Road - Start to Ch. 1495m - Sheet 1 of 3			
Designed: SC		Date: 18/12/08		File Name: 2057_LP		Drawing No:			
Drawn: DD		Date: 16/01/09		Original Scale: 1:2500 @ A1		Fig 14.2.16 Rev A			
Checked: PG		Date: 16/01/09		Date: 16/01/09					





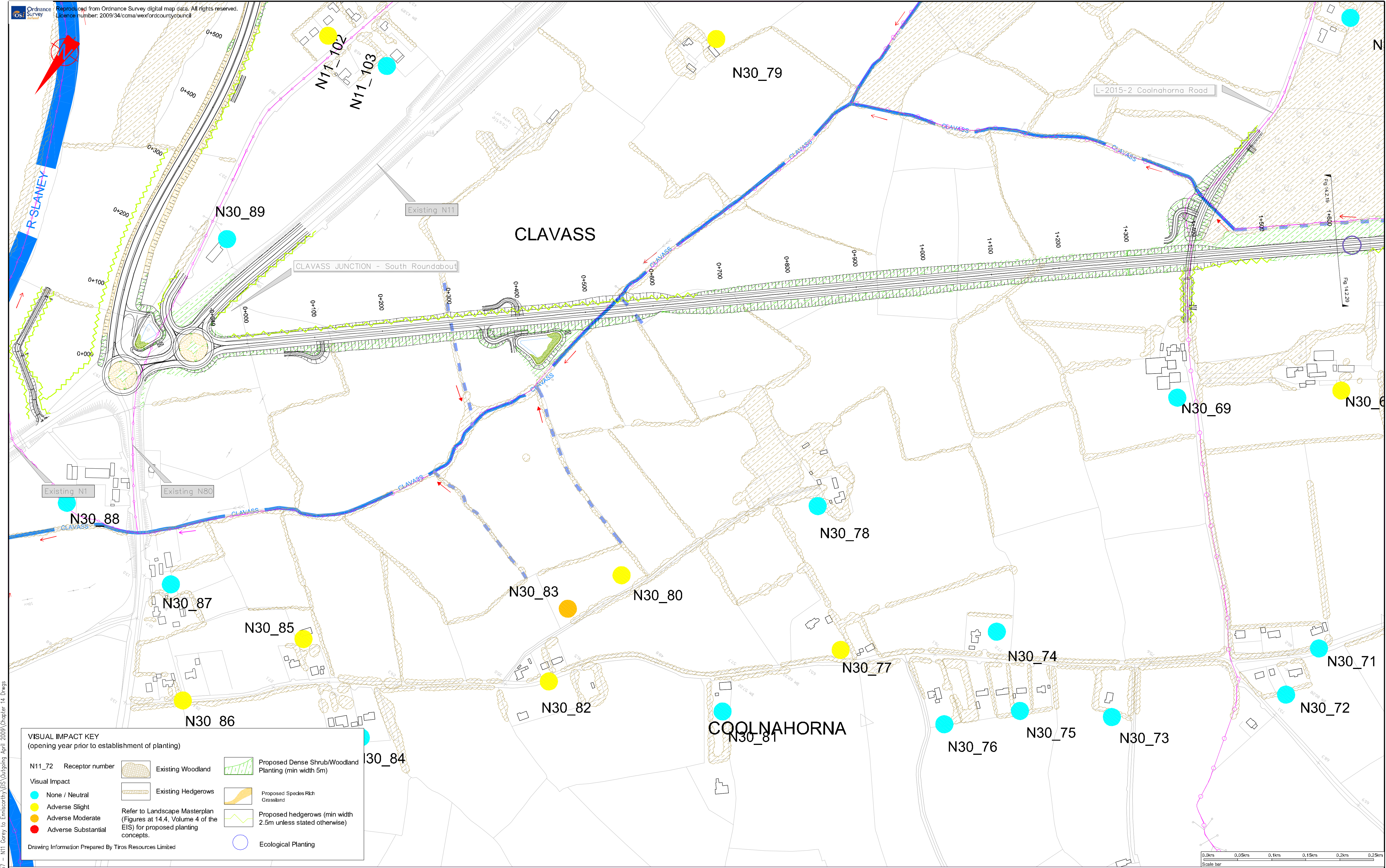
Rev	By	Date	Description
A	DD	30/04/09	Updated Alignment

Project: <b>M11 Gore to Enniscorthy Scheme</b>			
Component: Fig. 14.2.17 Preliminary Landscape Masterplan			
Title: N80 Link Road - Ch. 1495m to 2990m - Sheet 2 of 3			
Designed: SC	Date: 18/12/08	File Name: 2057_LP	Drawing No: Fig 14.2.17 Rev A
Drawn: DD	Date: 16/01/09	Original Scale: 1:2500 @ A1	
Checked: PG	Date: 16/01/09	Date: 16/01/09	









**VISUAL IMPACT KEY**  
(opening year prior to establishment of planting)

N11\_72    Receptor number

Visual Impact

- None / Neutral
- Adverse Slight
- Adverse Moderate
- Adverse Substantial

Existing Woodland

Existing Hedgerows

Refer to Landscape Masterplan (Figures at 14.4, Volume 4 of the EIS) for proposed planting concepts.

Ecological Planting

Proposed Dense Shrub/Woodland Planting (min width 5m)

Proposed Species Rich Grassland

Proposed hedgerows (min width 2.5m unless stated otherwise)

Drawing Information Prepared By Tiros Resources Limited

ORIGINAL SIZE A1  
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progress in motion

National Development Plan 2007 - 2013

National Roads Authority  
An tÚdarás um Bóithre Náisiúnta

WEXFORD COUNTY COUNCIL  
County Hall  
Wexford

TRAMORE HOUSE  
ROAD DESIGN OFFICE  
Tramore  
Co. Waterford

**Ryan Hanley WSP**

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Galway, Ireland  
Tel: +353 (0)91 587116 Fax: +353 (0)91 587102  
e-mail: rhwsp@ryanhanley.ie

Rev	By	Date	Description
A	DD	30/04/09	Updated Alignment

Project: **M11 Gorey to Enniscorthy Scheme**

Component: Fig. 14.2.19 Preliminary Landscape Masterplan

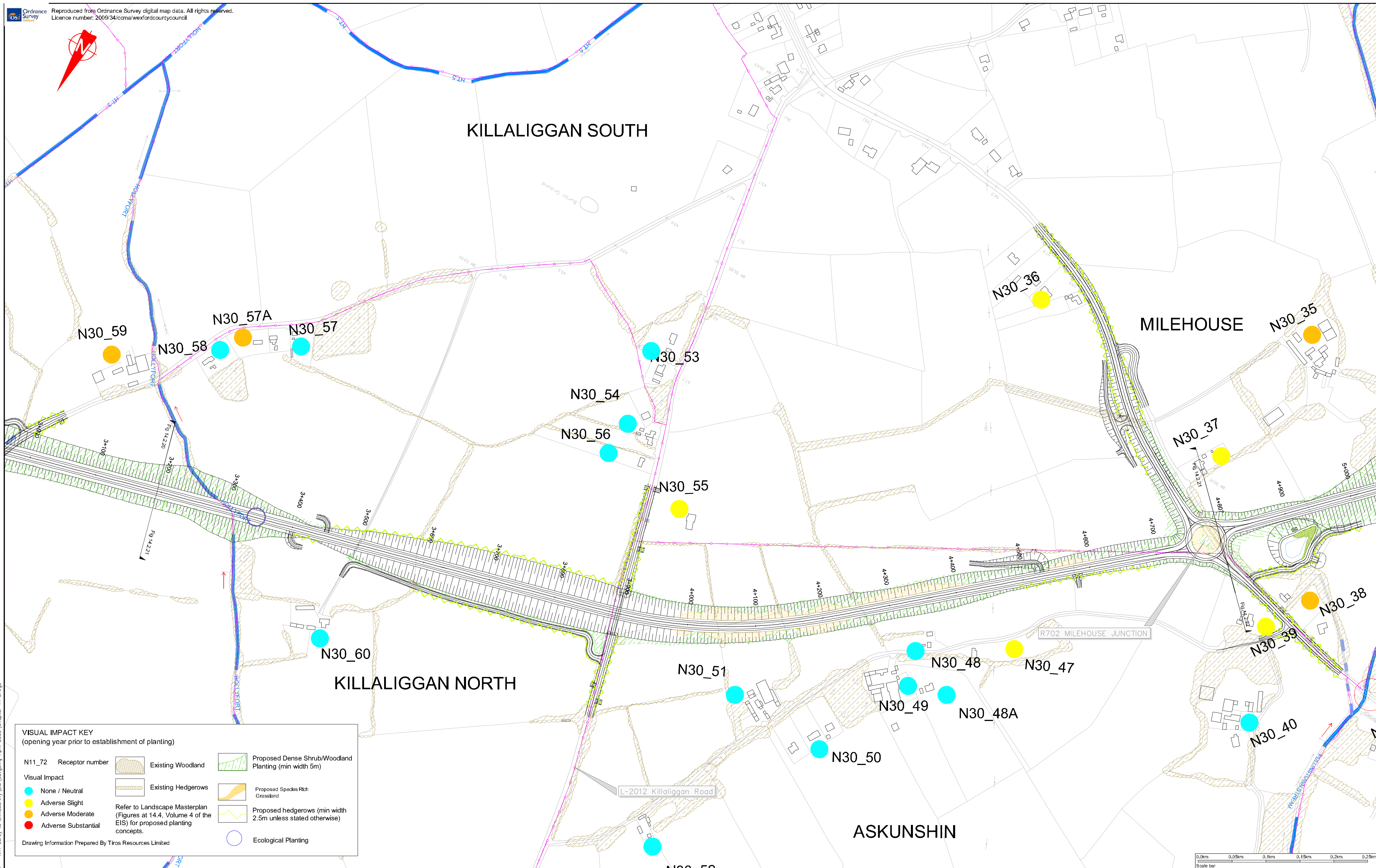
Title: N30 Mainline - Start to Ch. 1610m - Sheet 1 of 5

Designed: SC	Date: 18/12/08	File Name: 2057_LP	Drawing No:
Drawn: DD	Date: 16/01/09	Original Scale: 1:2500 @ A1	Fig 14.2.19 Rev A
Checked: PG	Date: 16/01/09	Date: 16/01/09	





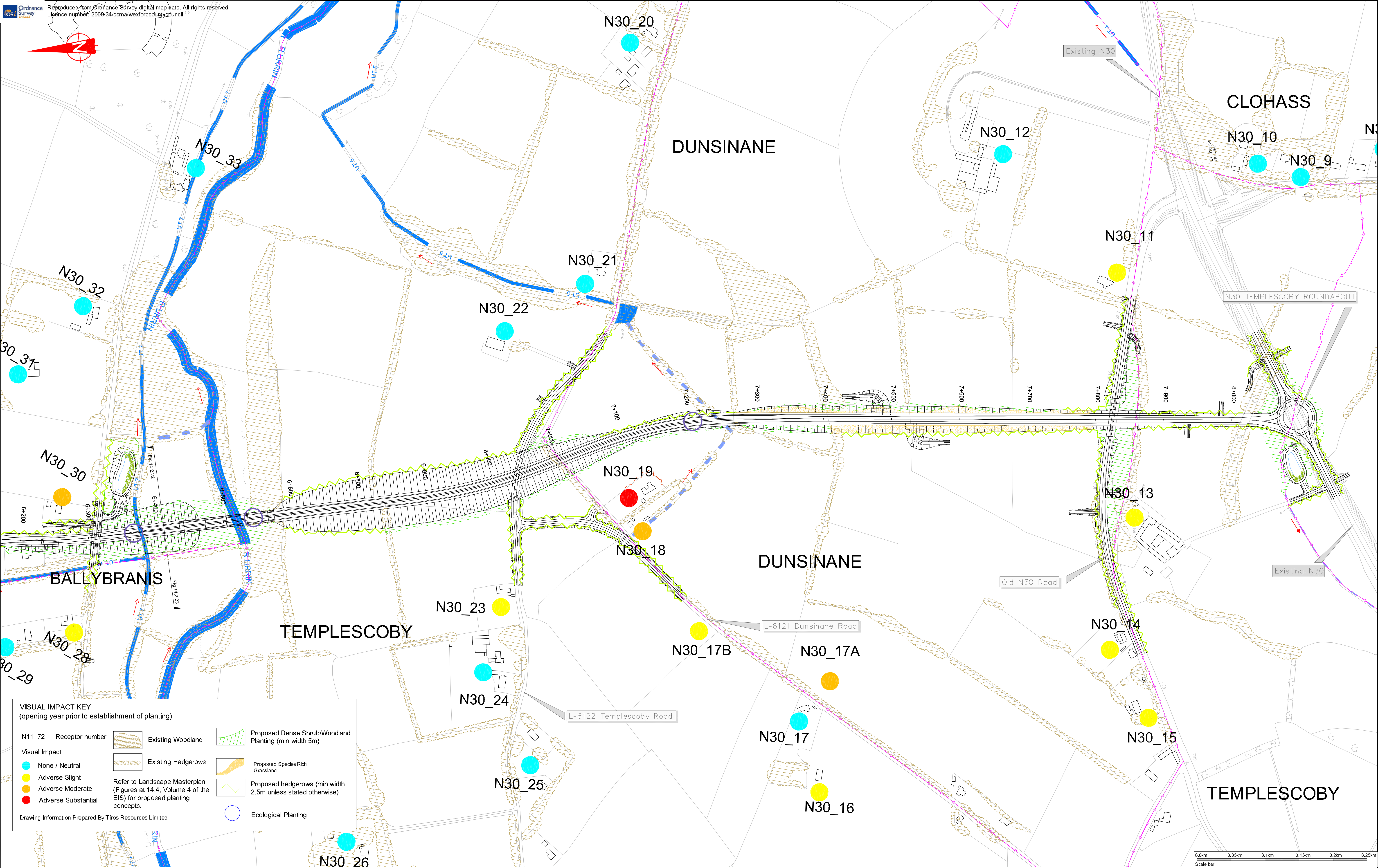












ORIGINAL SIZE A1  
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Rev	By	Date	Description
A	DD	30/04/09	Updated Alignment

Project: <b>M11 Gorey to Enniscorthy Scheme</b>			
Component: Fig. 14.2.23 Preliminary Landscape Masterplan			
Title: N30 Mainline - Ch. 6410m to End - Sheet 5 of 5			
Designed: SC	Date: 18/12/09	File Name: 2057_LP	Drawing No:
Drawn: DD	Date: 16/01/09	Original Scale: 1:2500 @ A1	Fig 14.2.23 Rev A
Checked: PG	Date: 16/01/09	Date: 16/01/09	