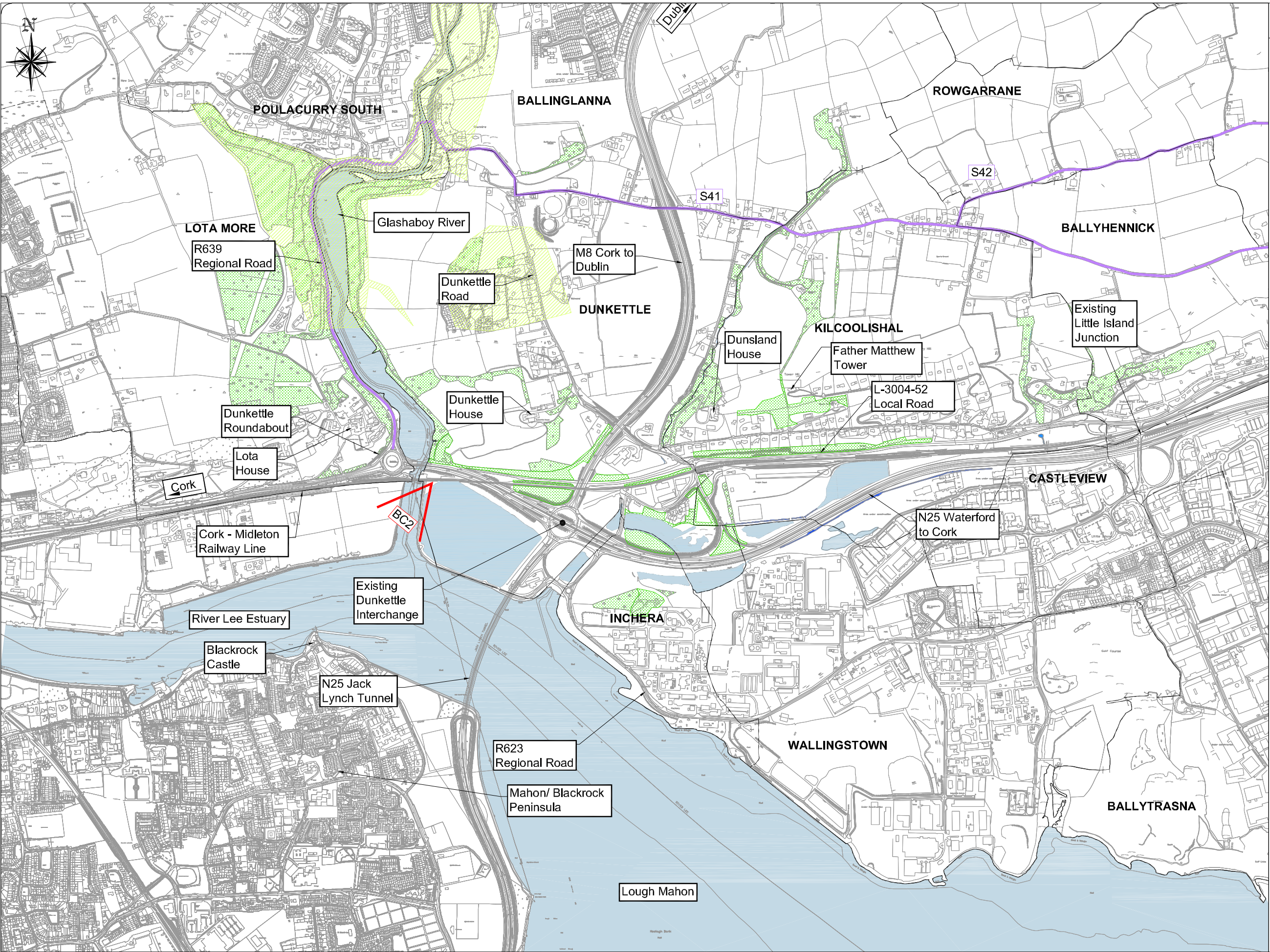




Drawing Number

32102600/EIS/Figure 10.1.1

Legend:

Townland Boundary

Wooded Areas

Water Features

Cork County Development Plan 2009

Scenic Landscape

Scenic Route

Cork City Council Development Plan 2009

Linear Views

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Legend:

Residential grouping
Visual Impact on Property

Property Reference

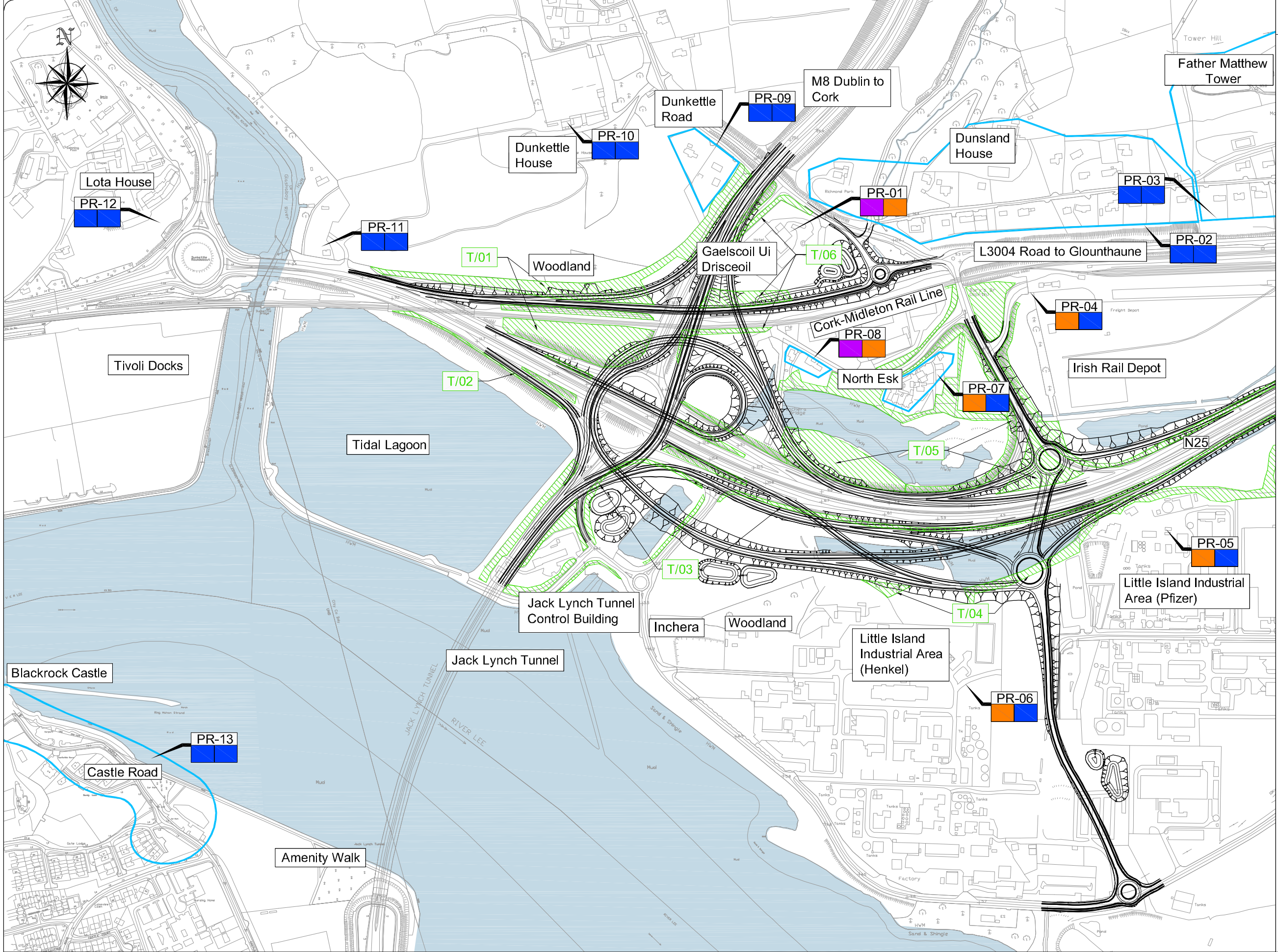
Pre- Establishment Impact
Post- Establishment Impact

Visual Impact on Property:

Imperceptible Impact
Slight Impact
Moderate Impact
Significant Impact
Profound Impact

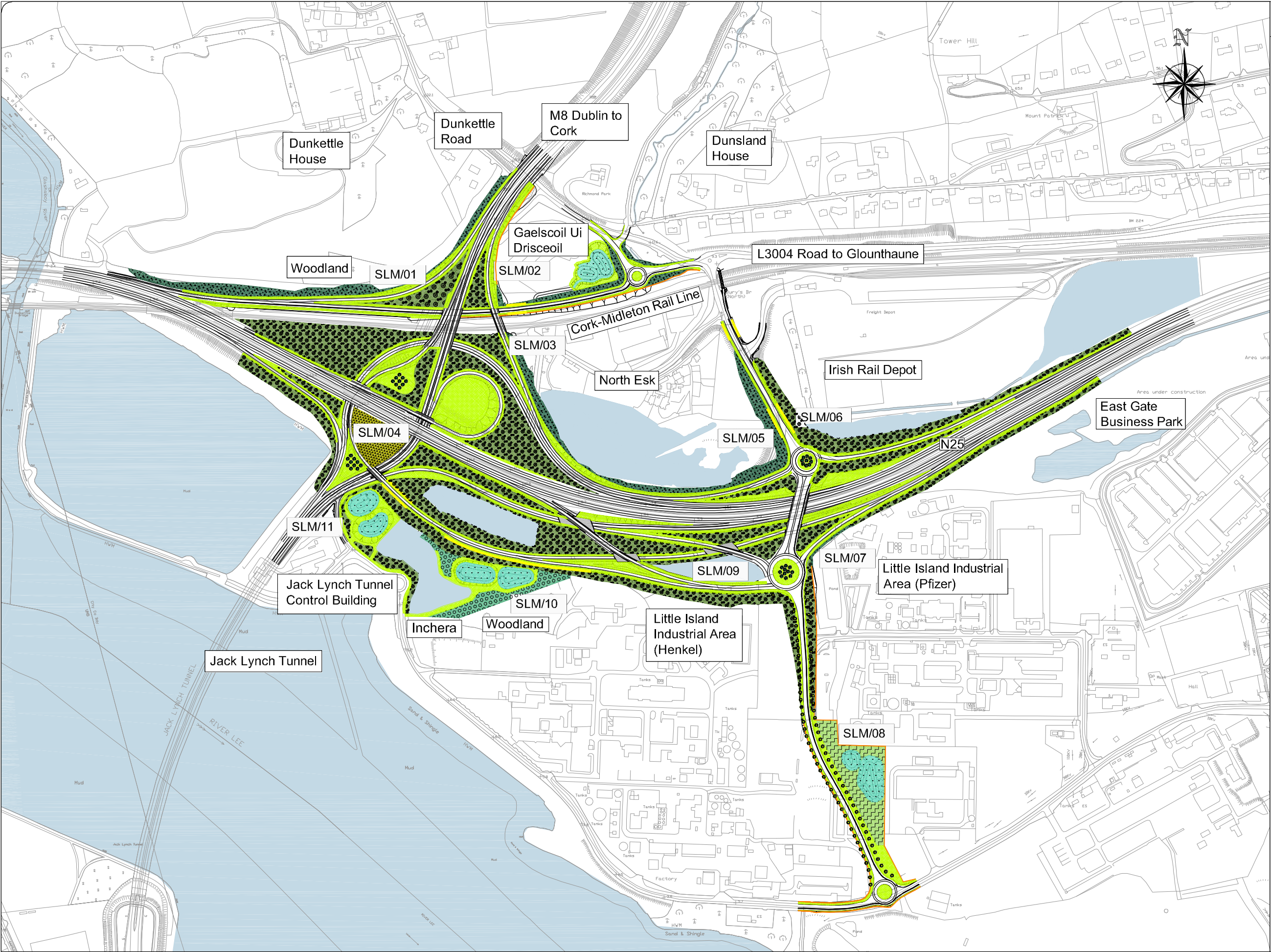
Impact on Landscape Elements:

Direct Impact on vegetation / landscape features



Rev	By	Date	Description
0	NJS	JULY 12	FIRST ISSUE

Project: Dunkettle Interchange Improvement Scheme	
Component: Environmental Impact Statement	
Title: Landscape and Visual	
Designed: GMH	File Name: G:\BATTIE\Infrastructure\Highways\32102600 Dunkettle Interchange Cork\Fig 14 - CAD.MXD
Drawn: NJS	Original scale: 1:3,000 @ A1, 1:6,000 @ A3
Checked: AMG	Date: JULY 12



Drawing Number
32102600/EIS/Figure 10.1.3

- Legend:**
- SLM/01 Specific landscape measure; refer to landscape and visual text
 - Dry meadow/grassy verge - GS2
 - Dry calcareous grassland - GS1
 - Translocation Area
 - Treatment Wetland Vegetation - GM1
 - Advanced evergreen woodland - AEW1
Pinus sylvestris 3m high, rb @ 4m ctrs undersown with Dry Meadow Grassland (GS2). 15nr. (5m-6m) Pinus sylvestris will be additionally planted within this area.
 - Low canopy woodland with high percentage of evergreen species - EW1
 - Low canopy oak-birch-holly woodland - WN1
 - Hedge with semi-mature Ash trees - WL1
 - Native woodland planting - minimum tree height of 5.5m
 - Semi-mature specimen trees - Oak, Ash (18-20cm girth, rb) Pine (2-3m high, rb)
 - Water features

Note:
Please refer to the EIS landscape and visual and ecology chapters for more general and detailed mitigation measures including plant mixes, spacings etc. which will apply along the length of the proposed route.

Please also refer to ecological mitigation measures drawing.

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Rev	By	Date	Description
0	NJS	JULY 12	FIRST ISSUE

Project: Dunkettle Interchange Improvement Scheme

Component: Environmental Impact Statement

Title: Landscape Mitigation

Designed	File Name	Drawing No.
NJS	G:\BARTIE\Infrastructure\Highways\32102600 Dunkettle Interchange Cork\Fig 14 - CAD.MXD	32102600/EIS/Figure 10.1.3

Drawn	Original scale	Date
AMG	1:3,000 @ A1, 1:6,000 @ A3	JULY 12

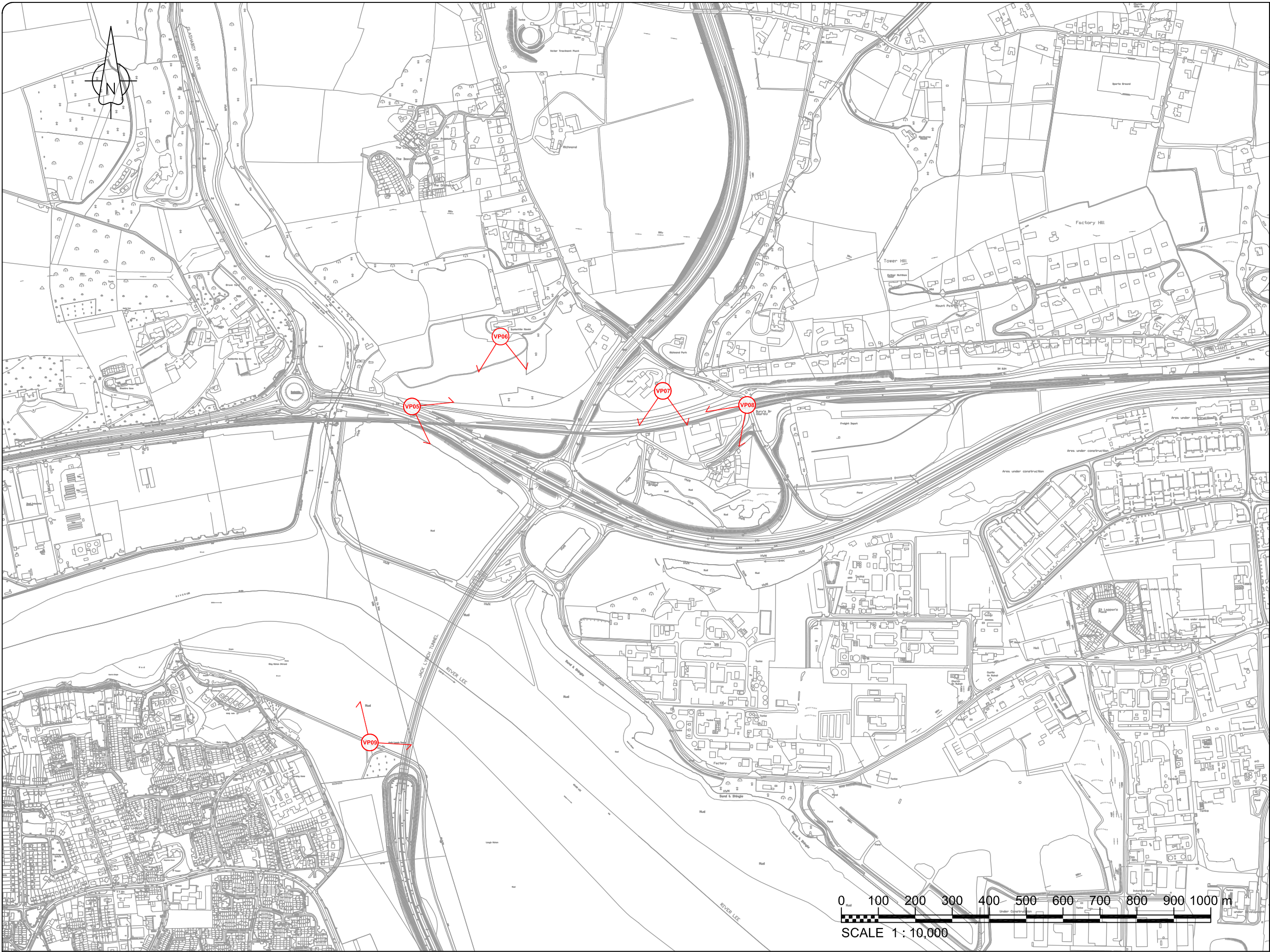


Figure 10.1.4

KEY

 Eye level Photomontage Location

EYE LEVEL VIEWPOINTS:

VP05 N8 Eastbound (Figure 10.1.5)
VP06 Dunkettle House (Figure 10.1.6)
VP07 Gaelscoil UI Drisceoil School (Figure 10.1.7)
VP08 Railway Bridge (Figure 10.1.8)
VP09 River Mahon Footpath (Figure 10.1.9)

IMPORTANT NOTES:

1. All photomontages are for illustrative purposes only
Photographs have been surveyed using a hand held GPS device only.

2. Visualisation of planting is representative of the scheme 7 years after completion of planting works (year of opening).

3. Planting establishment assumes a total height of 6m after 7 years growth, with heights randomised to reflect a range of success rates between 80-100%

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VP05



Existing Panorama



Year 7 Photomontage

NOTE: Photomontage for illustrative purposes only



DETAILS:
OS grid Reference: X=172986.828
Y=72691.992
Viewpoint ground elevation: 6.1m
Camera height above ground level: 1.7m
Camera type: Canon EOS REBEL T1i
Camera lens size: Approx. 35mm (equiv.56mm)
Shutter speed: 1 / 60
Included angle of photograph: 70°
Viewing distance: 30cm
Date of photograph: 4th April 2012
Time of photograph: 18:52
Lighting conditions: Blue sky with clouds

Rev	By	Date	Description

Project: Dunkettle Interchange Improvement Scheme			
Component: Environmental Impact Statement			
Title: Viewpoint 05 - N8 Eastbound: Existing View & Year 7 Illustrative Photomontage			
Designed: JP	Dwg Status: FOR INFORMATION	Drawing No: 32102600/EIS/Figure/10.1.5	
Drawn: JP	Original scales: N.T.S.		
Checked: CS/AMG	Date: 06.07.12		

VP06

Existing Panorama

Year 7 Photomontage

NOTE: Photomontage for illustrative purposes only



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DETAILS:

OS grid Reference: X=173200.873
Y=72870.322

Viewpoint ground elevation: 30.6m
Camera height above ground level: 1.7m
Camera type: Canon EOS REBEL T1i
Camera lens size: Approx. 35mm
(equiv. 56mm)

Shutter speed: 1 / 30
Included angle of photograph: 70°
Viewing distance: 30cm
Date of photograph: 4th April 2012
Time of photograph: 17:08
Lighting conditions: Blue sky with clouds

Rev	By	Date	Description

Project: Dunkettle Interchange Improvement Scheme		
Component: Environmental Impact Statement		
Title: Viewpoint 06 - Dunkettle House: Existing View & Year 7 Illustrative Photomontage		
Designed: JP	Dwg Status: FOR INFORMATION	Drawing No: 32102600/EIS/Figure/10.1.6
Drawn: JP	Original scales: N.T.S.	
Checked: CS/AMG	Date: 06.07.12	



Existing Panorama



Year 7 Photomontage

NOTE: Photomontage for illustrative purposes only



DETAILS:
OS grid Reference: X=173666.972
Y=72734.004
Viewpoint ground elevation: 11.3m
Camera height above ground level: 1.7m
Camera type: Canon EOS REBEL T1i
Camera lens size: Approx. 35mm (equiv.56mm)
Shutter speed: 1 / 50
Included angle of photograph: 70°
Viewing distance: 30cm
Date of photograph: 4th April 2012
Time of photograph: 11:34
Lighting conditions: Blue sky with clouds

Rev	By	Date	Description

Project: Dunkettle Interchange Improvement Scheme			
Component: Environmental Impact Statement			
Title: Viewpoint 07 - Gaelscoil Ui Drisceoil School: Existing View & Year 7 Illustrative Photomontage			
Designed: JP	Dwg Status: FOR INFORMATION	Drawing No: 32102600/EIS/Figure/10.1.7	
Drawn: JP	Original scales: N.T.S.		
Checked: CS/AMG	Date: 06.07.12		

VP08

Existing Panorama



Year 7 Photomontage

NOTE: Photomontage for illustrative purposes only

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DETAILS:
OS grid Reference: X=173899.021
Y=72734.004
Viewpoint ground elevation: 8.2m
Camera height above ground level: 1.7m
Camera type: Canon EOS REBEL T1i
Camera lens size: Approx. 35mm
(equiv.56mm)

Shutter speed: 1 / 50
Included angle of photograph: 70°
Viewing distance: 30cm
Date of photograph: 4th April 2012
Time of photograph: 11:34
Lighting conditions: Blue sky with clouds

Rev	By	Date	Description

Project: Dunkettle Interchange Improvement Scheme		
Component: Environmental Impact Statement		
Title: Viewpoint 08 - Railway Bridge: Existing View & Year 7 Illustrative Photomontage		
Drawn: JP	Dwg Status: FOR INFORMATION	Drawing No: 32102600/EIS/Figure/10.1.8
Drawn: JP	Original scales: N.T.S.	
Checked: CS/AMG	Date: 06.07.12	

VP09

Existing Panorama

Year 7 Photomontage

NOTE: Photomontage for illustrative purposes only



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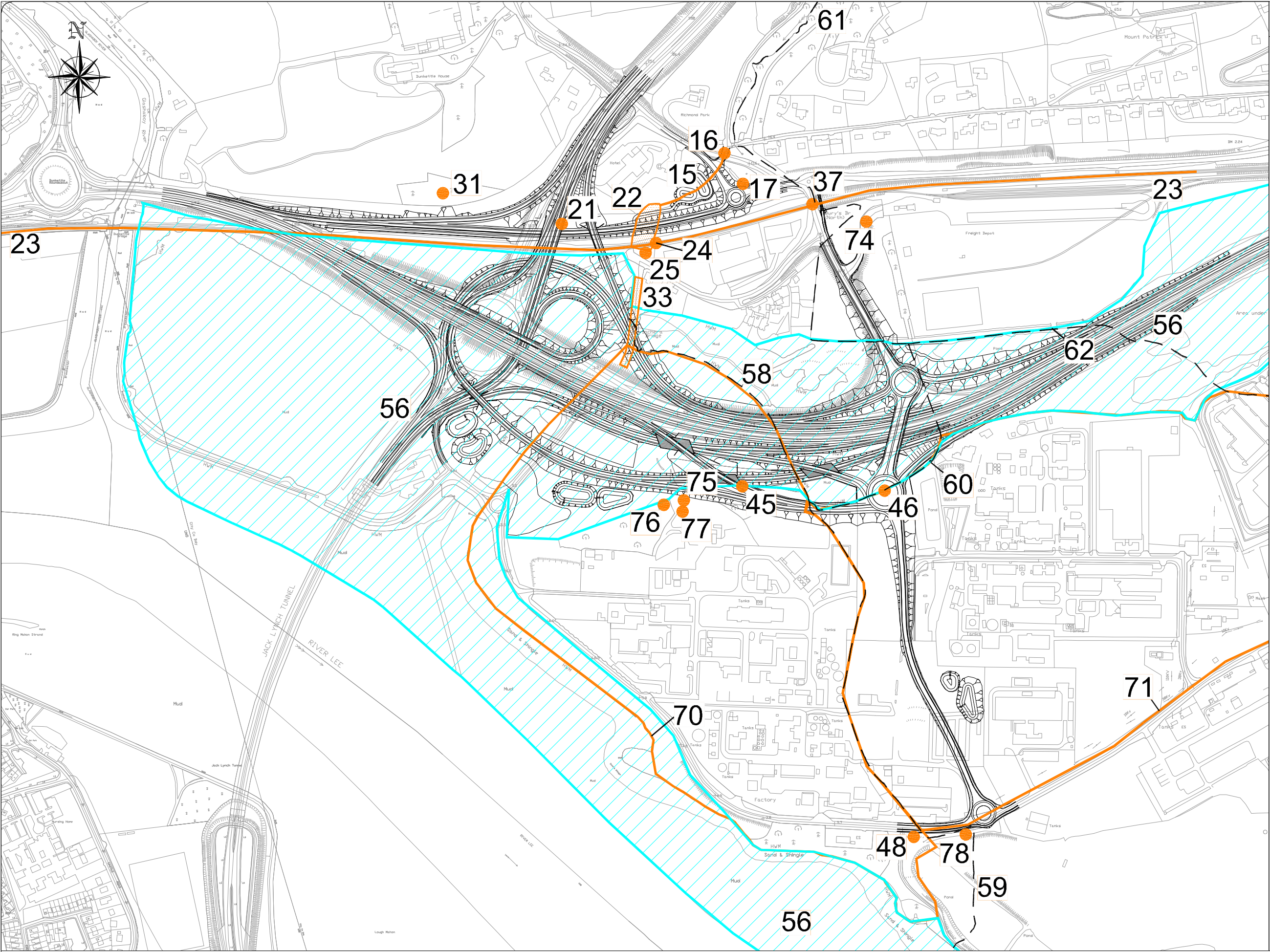
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DETAILS:
OS grid Reference: X=172871.805
Y=71781.792
Viewpoint ground elevation: 0m
Camera height above ground level: 1.7m
Camera type: Canon EOS REBEL T1i
Camera lens size: Approx. 35mm
(equiv.56mm)

Shutter speed: 1 / 60
Included angle of photograph: 70°
Viewing distance: 30cm
Date of photograph: 4th April 2012
Time of photograph: 15:14
Lighting conditions: Blue sky with clouds

Rev	By	Date	Description

Project:		Dunkettle Interchange Improvement Scheme	
Component:		Environmental Impact Statement	
Title: Viewpoint 09 - River Mahon Footpath: Existing View & Year 7 Illustrative Photomontage			
Designed:	JP	Dwg Status:	FOR INFORMATION
Drawn:	JP	Original scales:	N.T.S.
Checked:	CS/AMG	Date:	06.07.12
			Drawing No: 32102600/EIS/Figure/10.1.9



Drawing Number

32102600/EIS/Figure 11.1.1

Legend:

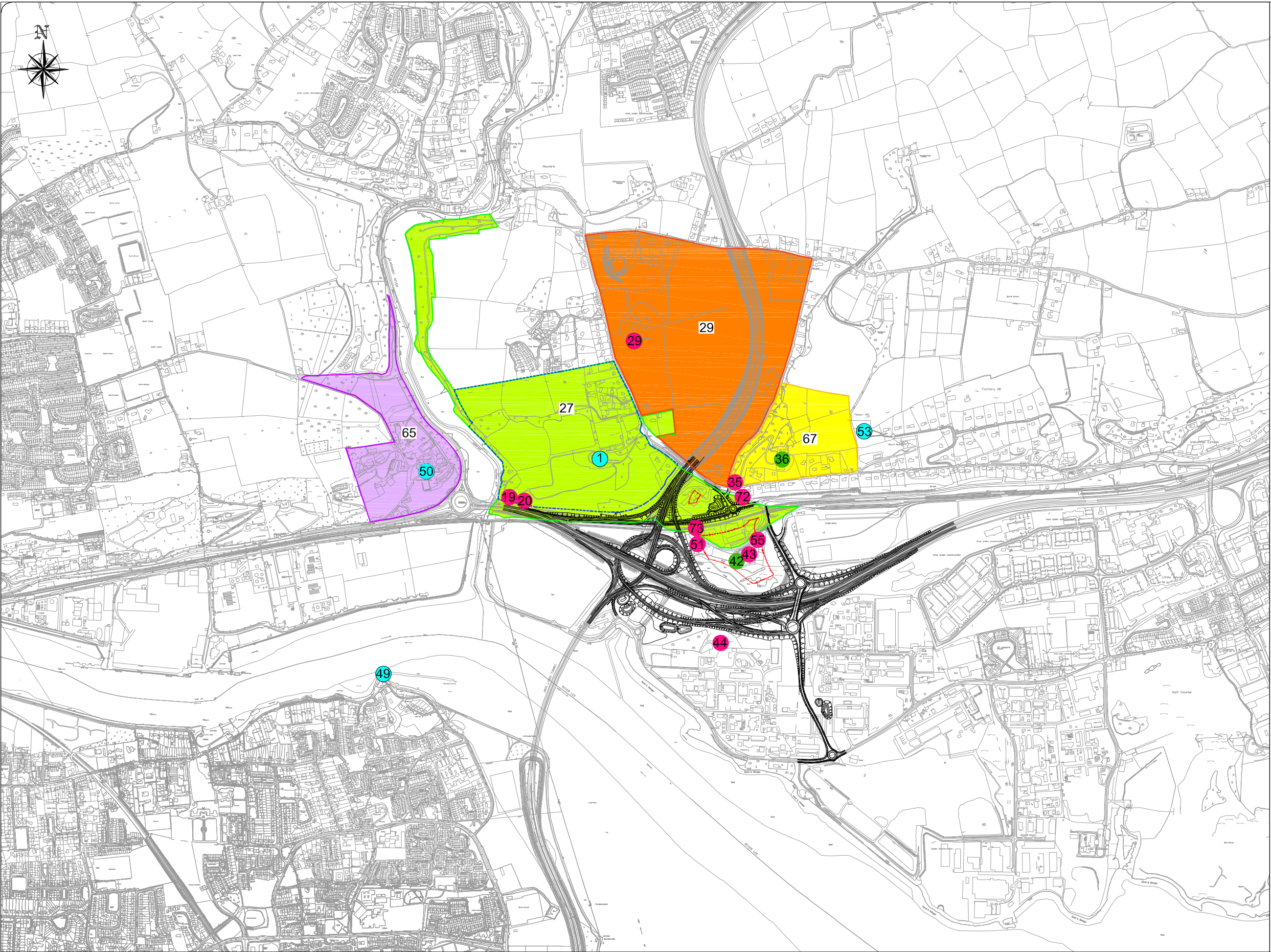
Proposed Junction

Area of Archaeological Potential

Undesignated Archaeological Site

Townland Boundary

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Drawing Number
32102600/EIS/Figure 11.1.2

- Legend:
- Proposed Junction
 - Protected Structure and Recorded Monument
 - Protected Structure
 - Attendant Grounds to Dunkettle House
 - Undesignated Architectural Heritage Site
 - Dunkettle House Demesne
 - Richmond House Demesne
 - Lota House Demesne
 - Factory Hill Demesne

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0	KC	JULY 12	FIRST ISSUE

Project: Dunkettle Interchange Improvement Scheme

Component: Environmental Impact Statement

Title: Location of Architectural Heritage Sites

Designated	SH	File Name: G:\BARTIE\Infrastructure\Highways\32102600 Dunkettle Interchange Cork\File 14 - CAD MX	Drawing No.
Drawn:	NS	1:7,500 @ A1, 1:15,000 @ A3	32102600/EIS/Figure 11.1.2
Checked:	AMG	Date: JULY 2012	