



N69 Listowel Bypass

Environmental Impact Statement

Volume 3 of 4: Figures

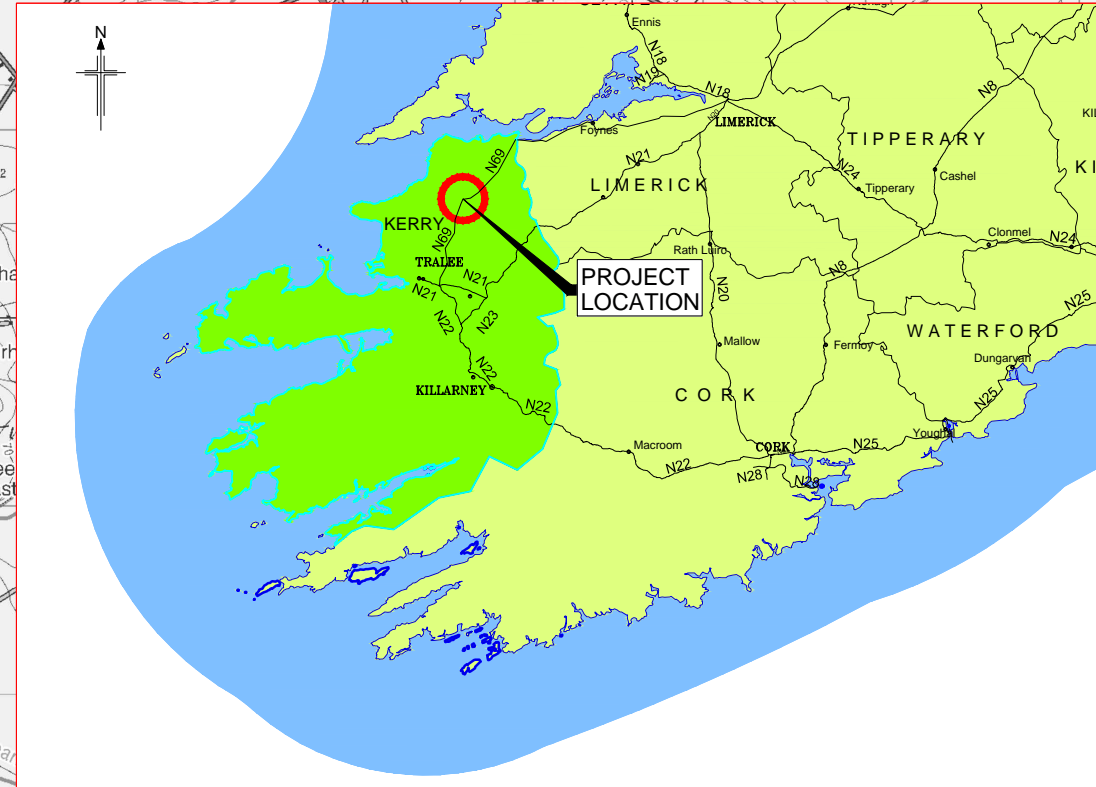
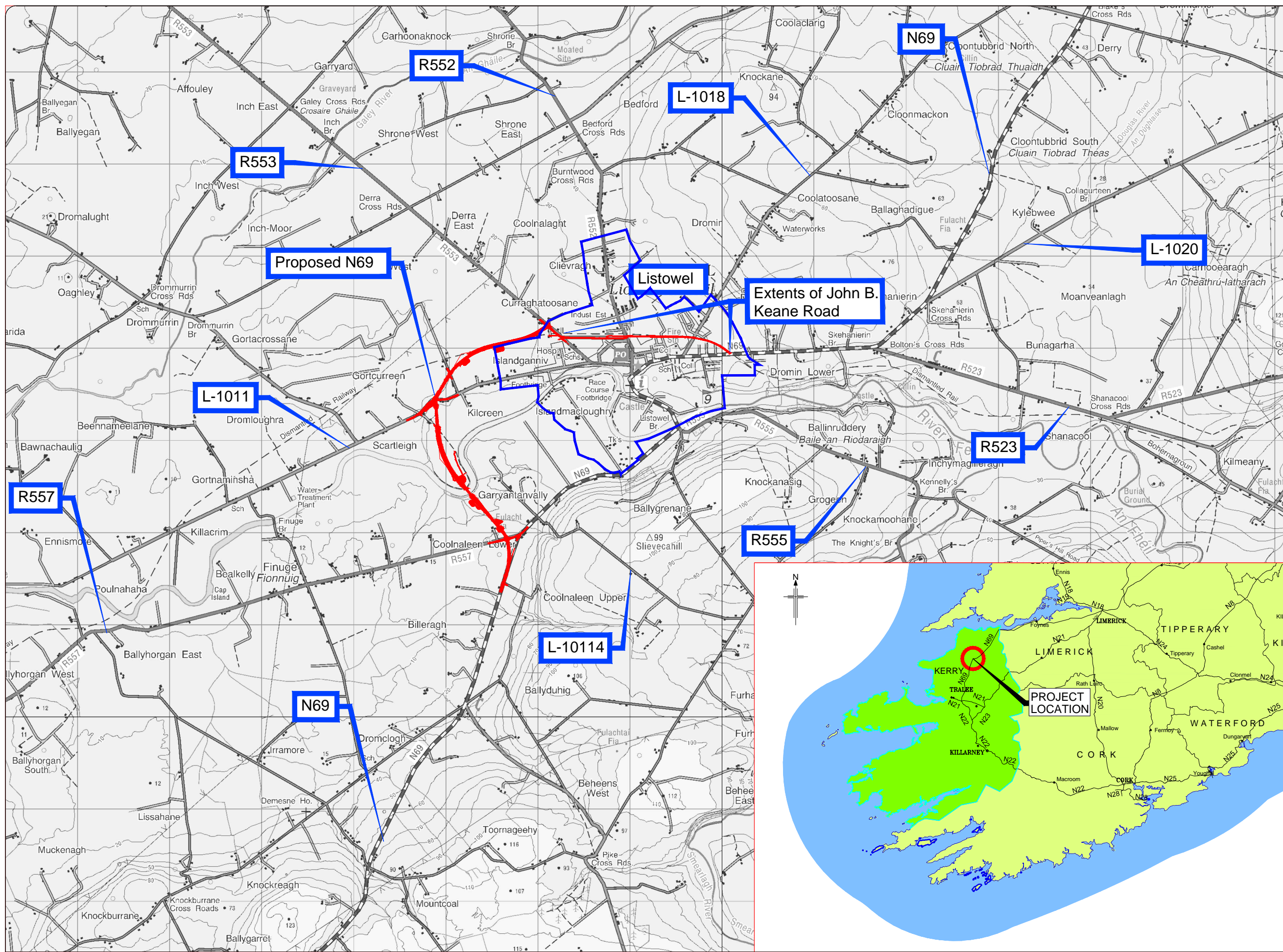
Contents

Figure Number	Figure Title
1.1.1	Location Plan
1.1.2	Traffic Figures – Do Minimum
2.1.1	Overall Scheme Plan - Sheet 1 of 5
2.1.2	Overall Scheme Plan - Sheet 2 of 5
2.1.3	Overall Scheme Plan - Sheet 3 of 5
2.1.4	Overall Scheme Plan - Sheet 4 of 5
2.1.5	Overall Scheme Plan - Sheet 5 of 5
2.1.6	Alignment Section A Plan and Profile
2.1.7	Alignment Section B Plan and Profile
2.1.8	Alignment Section B Plan and Profile
2.1.9	Alignment Section C Plan and Profile
2.1.10	Alignment Section C Plan and Profile
2.1.11	Alignment Section D Plan and Profile
2.1.12	Alignment Section D Plan and Profile
2.1.13	Alignment Section D Plan and Profile
2.1.14	Side Road 1 Plan and Profile
2.1.15	Side Road 2 Plan and Profile
2.1.16	Side Roads 2A & 2B Plan and Profile
2.1.17	Side Road 3 Plan and Profile
2.1.18	Side Road 4 Plan and Profile
2.1.19	Side Road 5 Plan and Profile
2.1.20	Side Roads 5A, 5B & 5C Plan and Profile
2.1.21	Side Road 6 Plan and Profile
2.1.22	Side Road 7 Plan and Profile
2.1.23	Side Road 8 & 8A Plan and Profile
2.1.24	Side Road 9 & 9A Plan and Profile
2.1.25	Sive Walk Plan & Profile
2.1.26	Sive Walk Plan & Profile
2.1.27	Cross Sections
2.1.28	River Feale Bridge General Arrangement
2.1.29	Structure ST11 General Arrangement
2.1.30	Structure ST18 General Arrangement
2.1.31	Structure ST24 General Arrangement
2.1.32	Culvert Typical Arrangement
2.1.33	Mill Stream & Land Drain Flood Mitigation
2.1.40	Traffic Figures – Do Something
3.1.1	Route Options
5.1.1	Landowner Plots – Sheet 1 of 3
5.1.2	Landowner Plots – Sheet 2 of 3
5.1.3	Landowner Plots – Sheet 3 of 3
6.1.1	Habitat Map - Sheet 1 of 5
6.1.2	Habitat Map - Sheet 2 of 5
6.1.3	Habitat Map - Sheet 3 of 5
6.1.4	Habitat Map - Sheet 4 of 5
6.1.5	Habitat Map - Sheet 5 of 5
6.1.6	Invasive Species - Sheet 1 of 5
6.1.7	Invasive Species - Sheet 2 of 5
6.1.8	Invasive Species - Sheet 3 of 5
6.1.9	Invasive Species - Sheet 4 of 5
6.1.10	Invasive Species - Sheet 5 of 5
6.1.11	Mammal Survey - Sheet 1 of 7
6.1.12	Mammal Survey - Sheet 2 of 7
6.1.13	Mammal Survey - Sheet 3 of 7
6.1.14	Mammal Survey - Sheet 4 of 7
6.1.15	Mammal Survey - Sheet 5 of 7
6.1.16	Mammal Survey - Sheet 6 of 7
6.1.17	Mammal Survey - Sheet 7 of 7
6.1.18	Bats Map - Sheet 1 of 5
6.1.19	Bats Map - Sheet 2 of 5
6.1.20	Bats Map - Sheet 3 of 5
6.1.21	Bats Map - Sheet 4 of 5
6.1.22	Bats Map - Sheet 5 of 5
6.1.23	Birds - Sheet 1 of 6
6.1.24	Birds - Sheet 2 of 6
6.1.25	Birds - Sheet 3 of 6
6.1.26	Birds - Sheet 4 of 6
6.1.27	Birds - Sheet 5 of 6
6.1.28	Birds - Sheet 6 of 6
6.1.29	Ecology Mitigation - Sheet 1 of 5
6.1.30	Ecology Mitigation - Sheet 2 of 5
6.1.31	Ecology Mitigation - Sheet 3 of 5
6.1.32	Ecology Mitigation - Sheet 4 of 5
6.1.33	Ecology Mitigation - Sheet 5 of 5
7.1.1	Aquifer Classification
7.1.2	Bedrock Geology
7.1.3	Groundwater Vulnerability
7.1.4	Borehole, Trial Pit and Private Water Supply Locations - Sheet 1 of 5
7.1.5	Borehole, Trial Pit and Private Water Supply Locations - Sheet 2 of 5
7.1.6	Borehole, Trial Pit and Private Water Supply Locations - Sheet 3 of 5
7.1.7	Borehole, Trial Pit and Private Water Supply Locations - Sheet 4 of 5
7.1.8	Borehole, Trial Pit and Private Water Supply Locations - Sheet 5 of 5
8.1.1	Surface Water Features - Sheet 1 of 6
8.1.2	Surface Water Features - Sheet 2 of 6
8.1.3	Surface Water Features - Sheet 3 of 6
8.1.4	Surface Water Features - Sheet 4 of 6
8.1.5	Surface Water Features - Sheet 5 of 6
8.1.6	Surface Water Features - Sheet 6 of 6
9.1.1	Air Quality Assessment Locations
10.1.1	Noise Monitoring Locations

10.1.2	Noise Model Receiver Locations - Sheet 1 of 5
10.1.3	Noise Model Receiver Locations - Sheet 2 of 5
10.1.4	Noise Model Receiver Locations - Sheet 3 of 5
10.1.5	Noise Model Receiver Locations - Sheet 4 of 5
10.1.6	Noise Model Receiver Locations - Sheet 5 of 5
11.1.1	Landscape Features
11.1.2	Visual Impacts- Sheet 1 of 4
11.1.3	Visual Impacts- Sheet 2 of 4
11.1.4	Visual Impacts- Sheet 3 of 4
11.1.5	Visual Impacts- Sheet 4 of 4
11.1.6	Landscape Mitigation- Sheet 1 of 4
11.1.7	Landscape Mitigation- Sheet 2 of 4
11.1.8	Landscape Mitigation- Sheet 3 of 4
11.1.9	Landscape Mitigation- Sheet 4 of 4
12.1.1	Archaeology Heritage - Sheet 1 of 5
12.1.2	Archaeology Heritage - Sheet 2 of 5
12.1.3	Archaeology Heritage - Sheet 3 of 5
12.1.4	Archaeology Heritage - Sheet 4 of 5
12.1.5	Archaeology Heritage - Sheet 5 of 5
12.1.6	Architectural Heritage - Sheet 1 of 5
12.1.7	Architectural Heritage - Sheet 2 of 5
12.1.8	Architectural Heritage - Sheet 3 of 5
12.1.9	Architectural Heritage - Sheet 4 of 5
12.1.10	Architectural Heritage - Sheet 5 of 5

Legend:

-  Proposed Development
-  Listowel Town Boundary



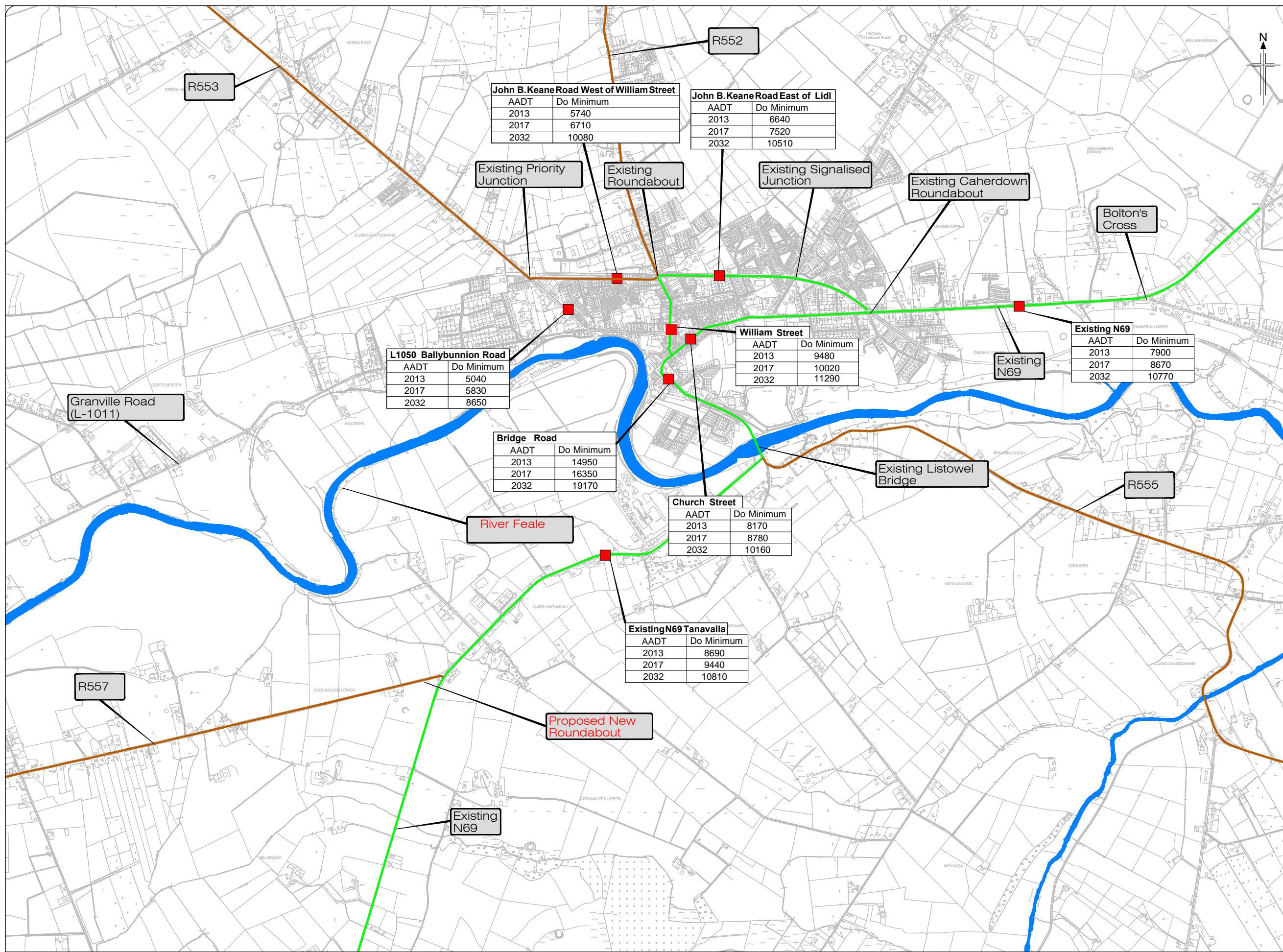
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Location Plan
Designer:	JTM
Drawn:	JTM
Checked:	AM
File Name:	
Original scales:	NTS
Date:	
Drawing No.:	32105301/EIS/Fig 1.1.1

- Legend:**
- AADT Location
 - Existing N69
 - Regional Roads



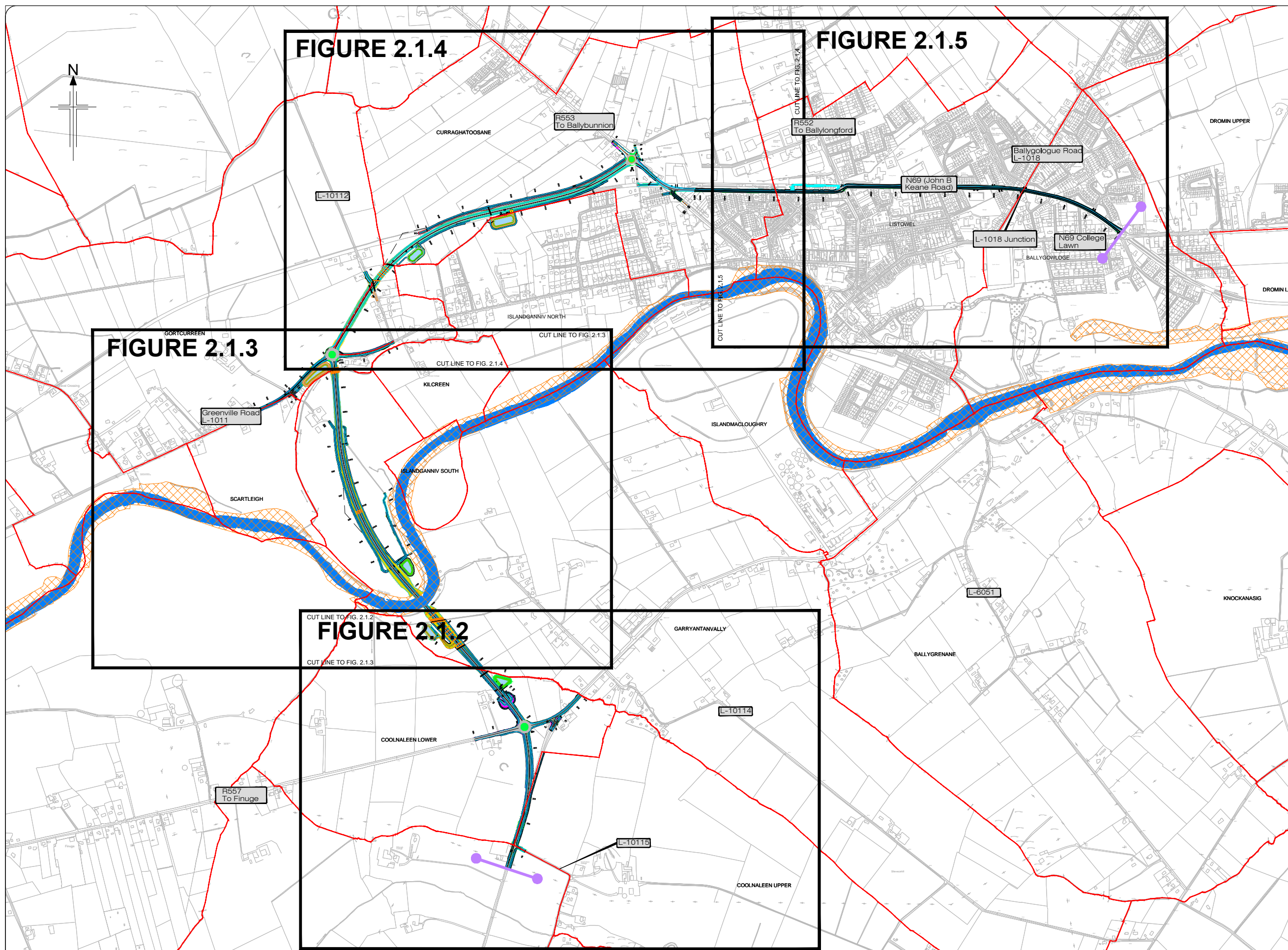
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Traffic Figures - Do Minimum
Designer:	SK
Drawn:	SK
Checked:	AM
File Name:	
Original scales:	1:10,000 @ A1 1:20,000 @ A3
Date:	
Drawing No.:	32105301/EIS/Fig 1.1.2

- Legend:**
- Scheme Terminus Locations
 - Structure Reference Number
 - Proposed Development
 - Townland Boundary
 - Lower Shannon SAC



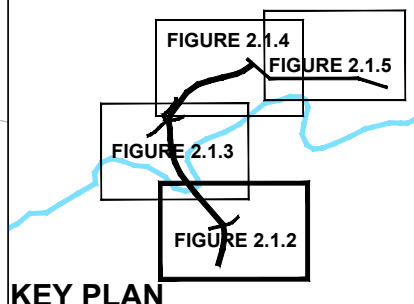
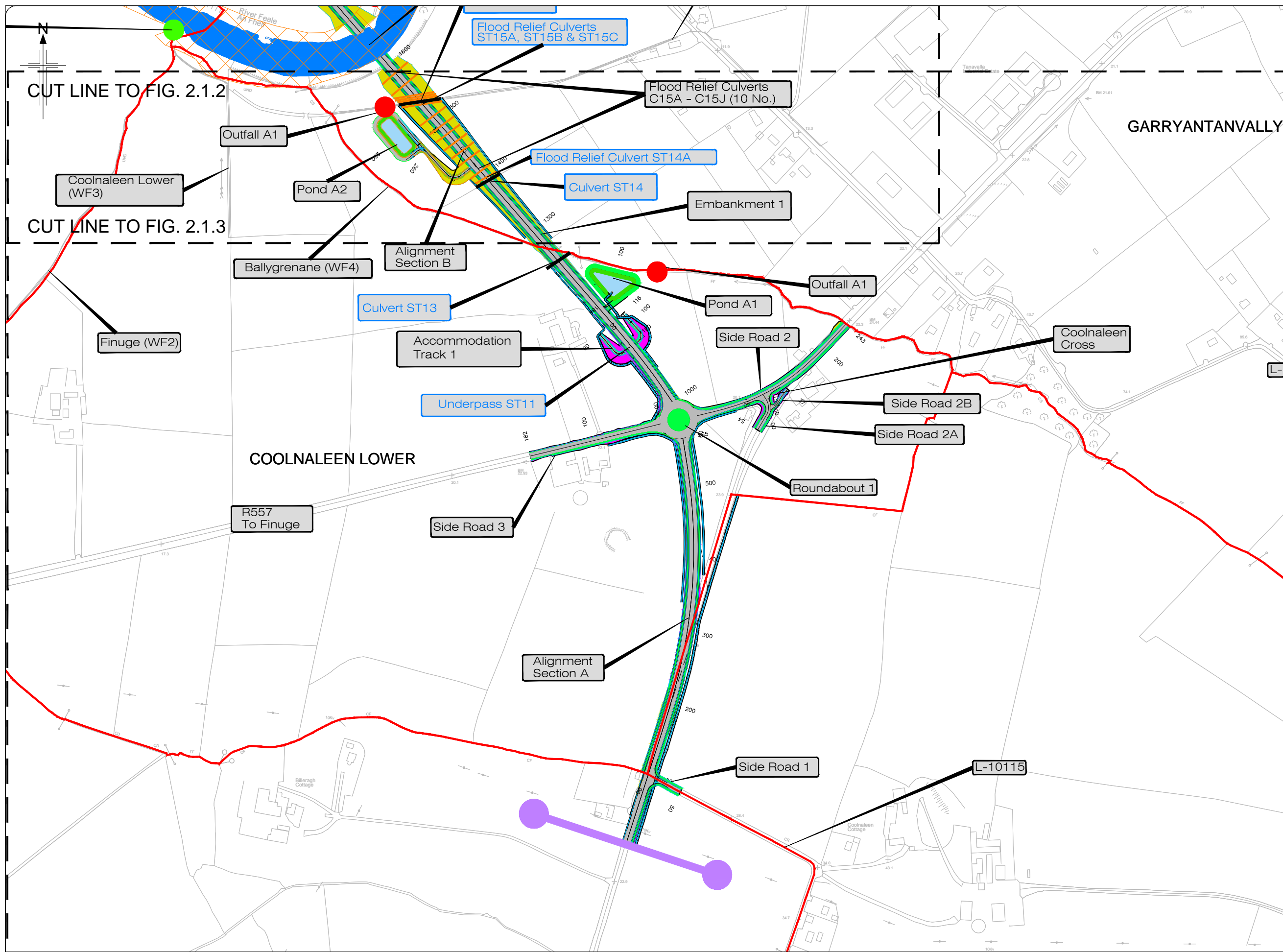
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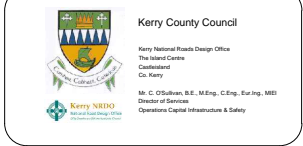
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Component: Environmental Impact Statement	
Title: Overall Scheme Plan - Sheet 1 of 5	
Designer: JTM	File Name:
Drawn: GH	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 2.1.1	

- Legend:**
- Scheme Terminus Locations
 - Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Townland Boundary
 - Lower Shannon SAC

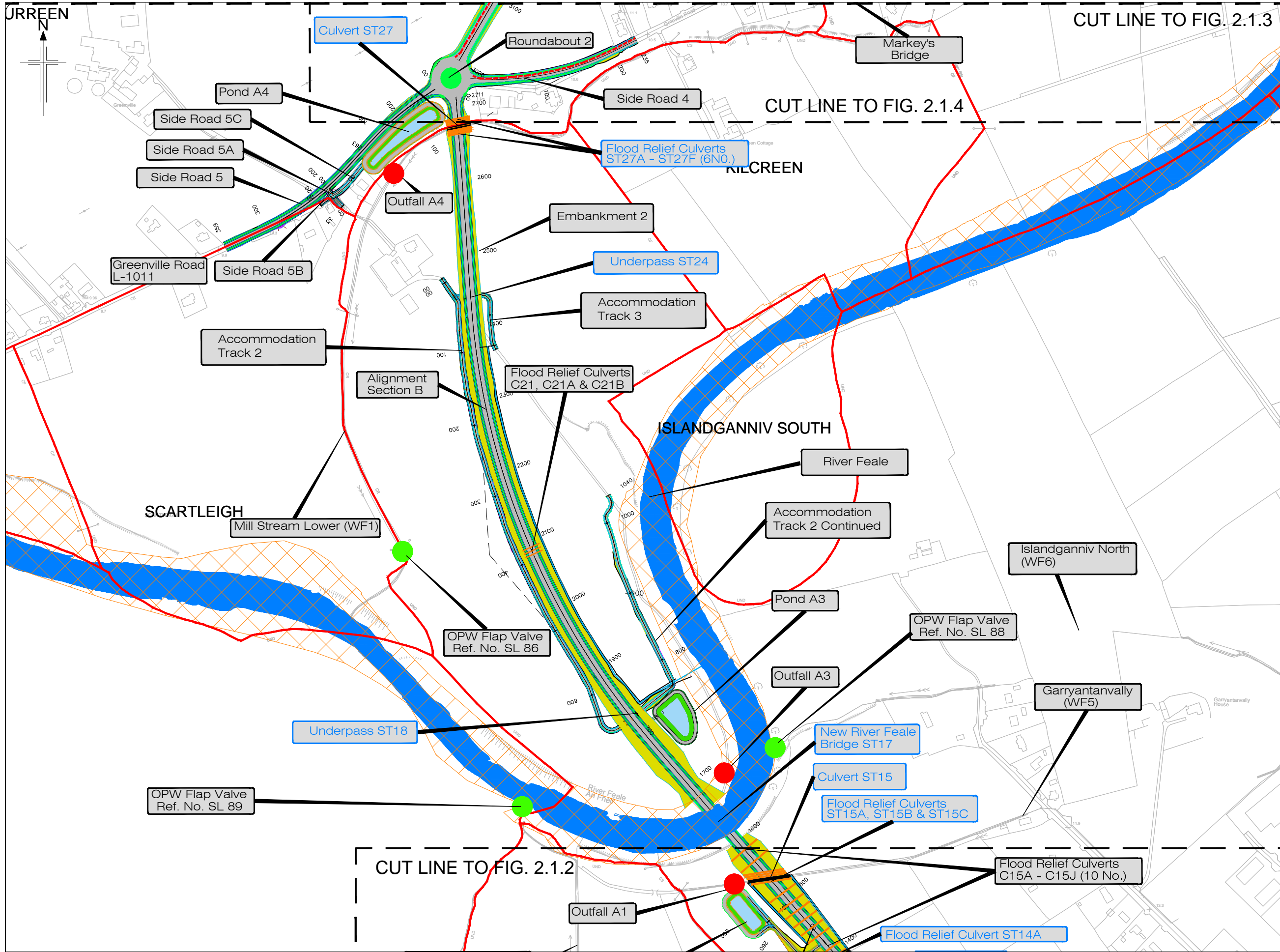


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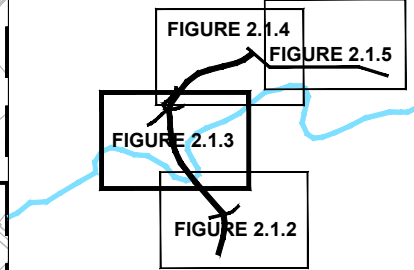
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Title:	Overall Scheme Plan - Sheet 2 of 5		
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Checked:	AM	Date:	April 2017

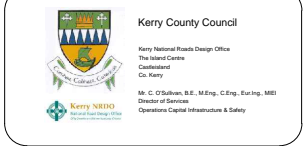


Drawing Number 32105301/EIS/Figure 2.1.3

- Legend:**
- Scheme Terminus Locations
 - Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Townland Boundary
 - Lower Shannon SAC












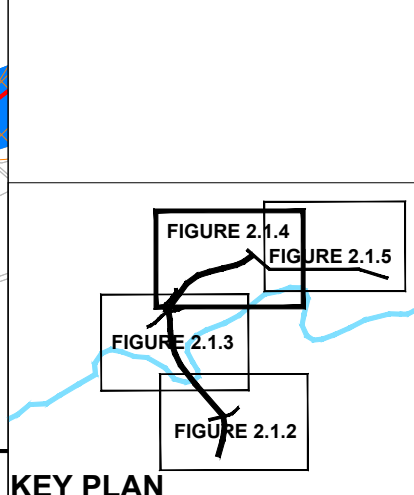
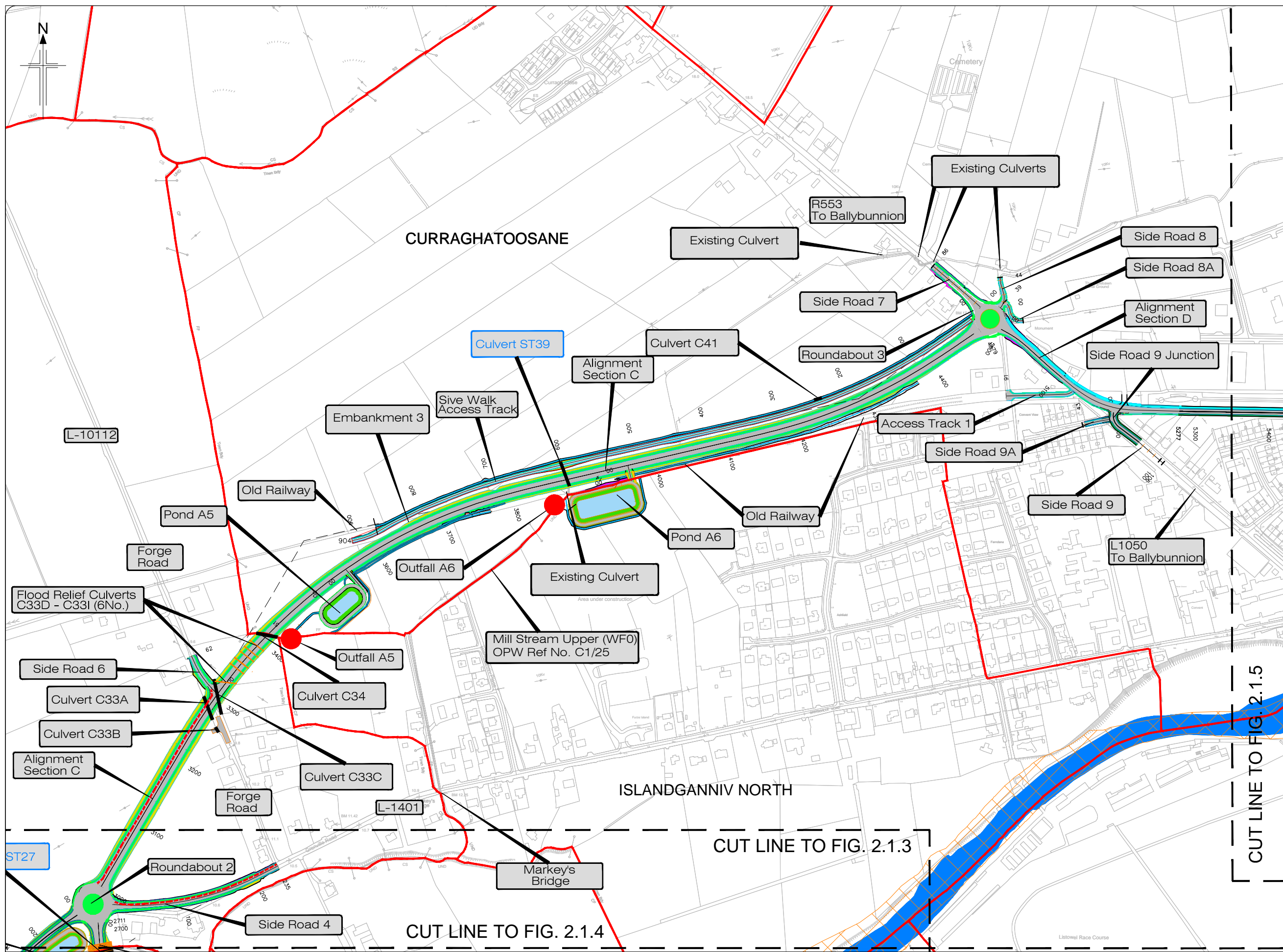
KEY PLAN
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Title:	Overall Scheme Plan - Sheet 3 of 5
Designed:	OD
Drawn:	GH
Checked:	AM
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Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.3

- Legend:**
-  Scheme Terminus Locations
 -  Structure Reference Number
 -  New Road Element on Embankment
 -  New Road Element in Cutting
 -  Attenuation Pond/Wetland
 -  Townland Boundary
 -  Shared Cycleway and Footpath
 -  Lower Shannon SAC
 -  Access Provision for Sive Walk



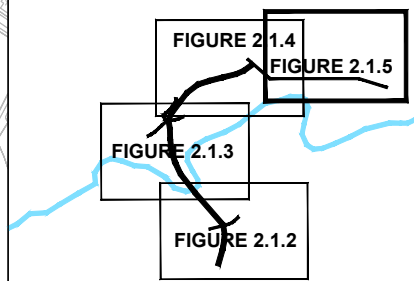
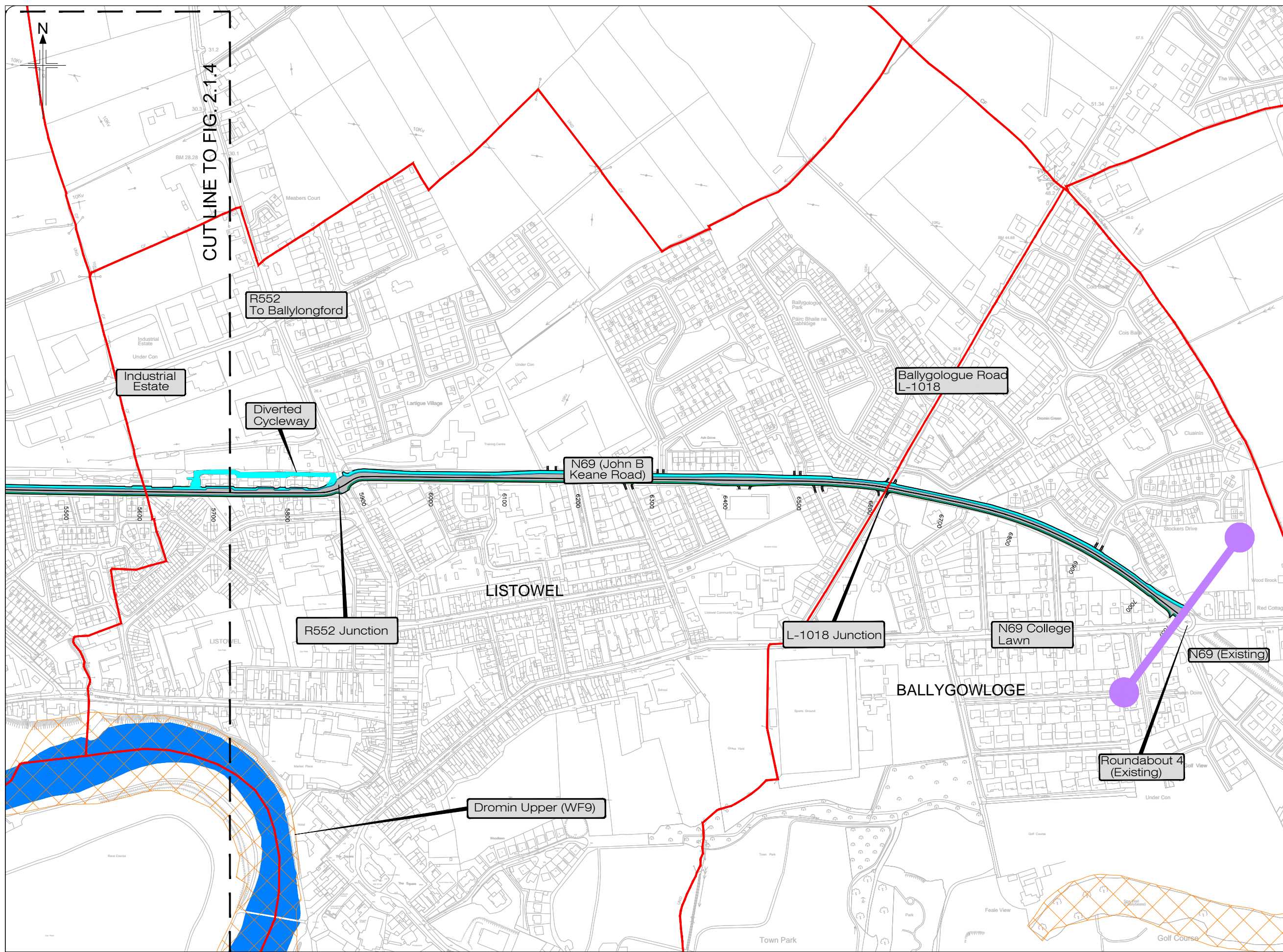
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Rev	By	Date	Description
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Title:	Overall Scheme Plan - Sheet 4 of 5
Designed:	OD
Drawn:	GH
Checked:	AM
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.4

- Legend:**
- Scheme Terminus Locations
 - Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Townland Boundary
 - Shared Cycleway and Footpath
 - Lower Shannon SAC



KEY PLAN

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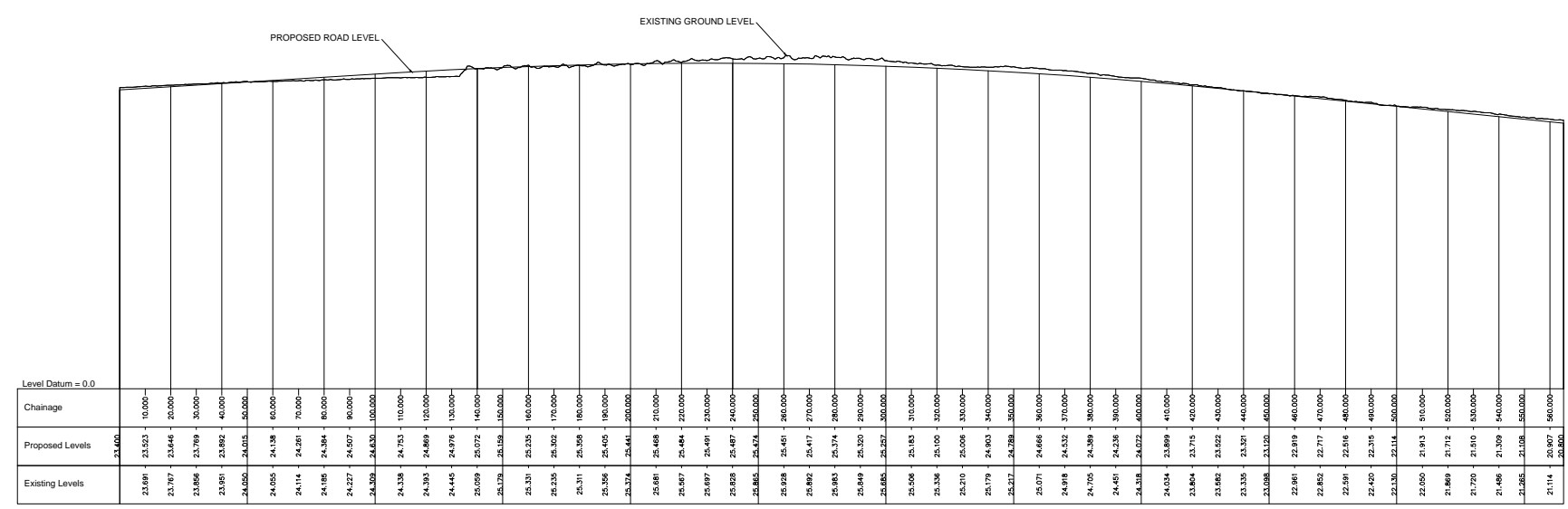
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Component:	Environmental Impact Statement
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Designed:	OD
Drawn:	GH
Checked:	AM
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.5

- Legend:**
- ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Alignment Section A
Scale 1:750 @ A1
Scale 1:1500 @ A3

Profile of Alignment Section A
Scale 1:750 H, 1:150 V @ A1
Scale 1:1500 H, 1:300 V @ A3



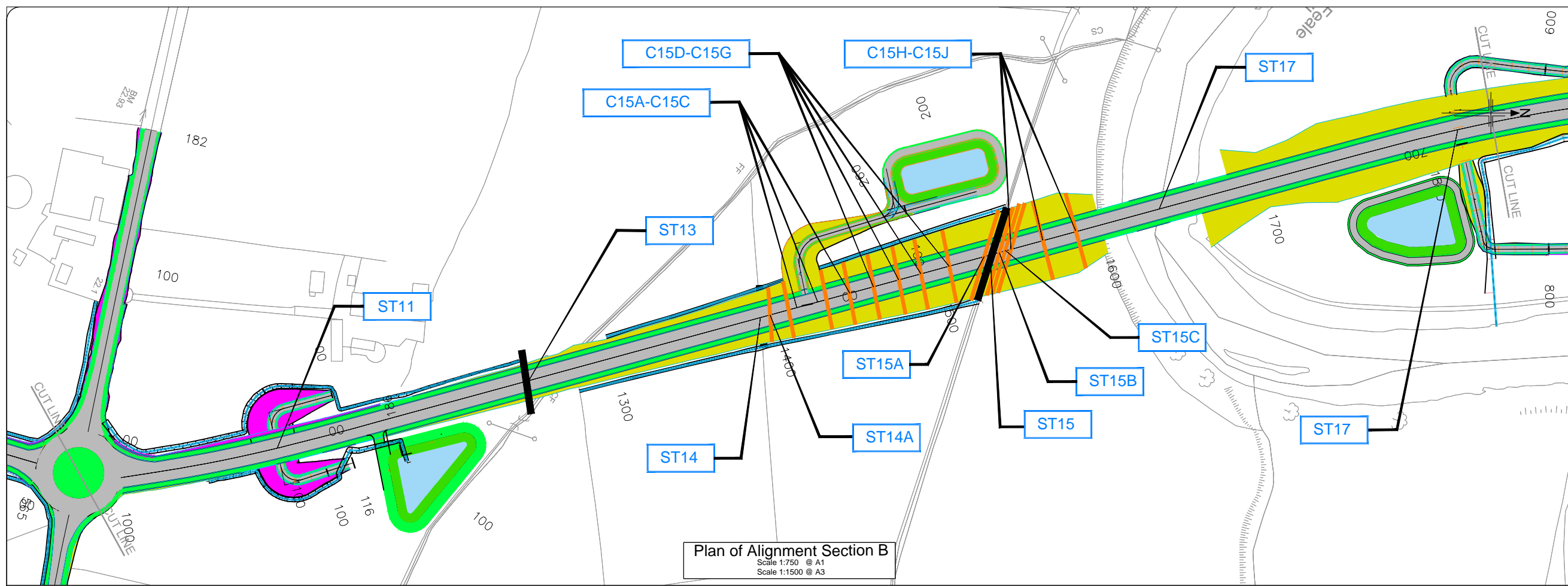
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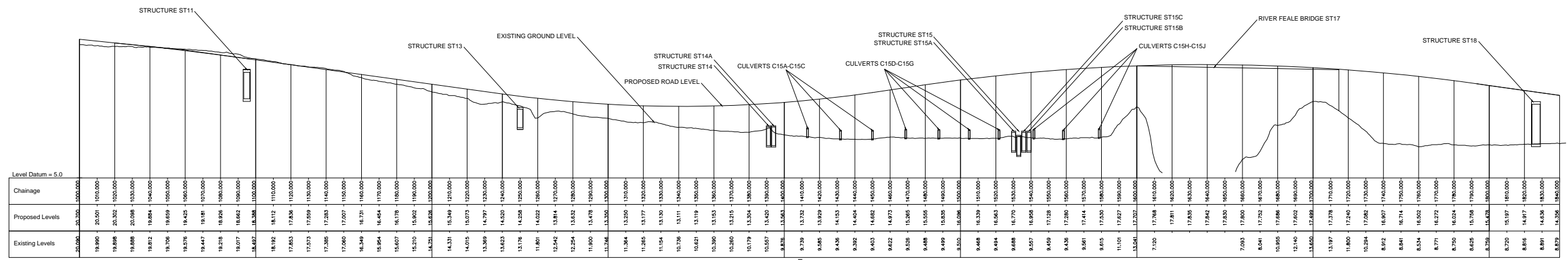
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Title:	Alignment Section A Plan and Profile
Drawn:	JTM
Checked:	AM
File Name:	AS SHOWN
Original scales:	AS SHOWN
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.6

- Legend:**
- ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Alignment Section B
Scale 1:750 @ A1
Scale 1:1500 @ A3

Profile of Alignment Section B
Scale 1:750 H, 1:150 V @ A1
Scale 1:1500 H, 1:300 V @ A3



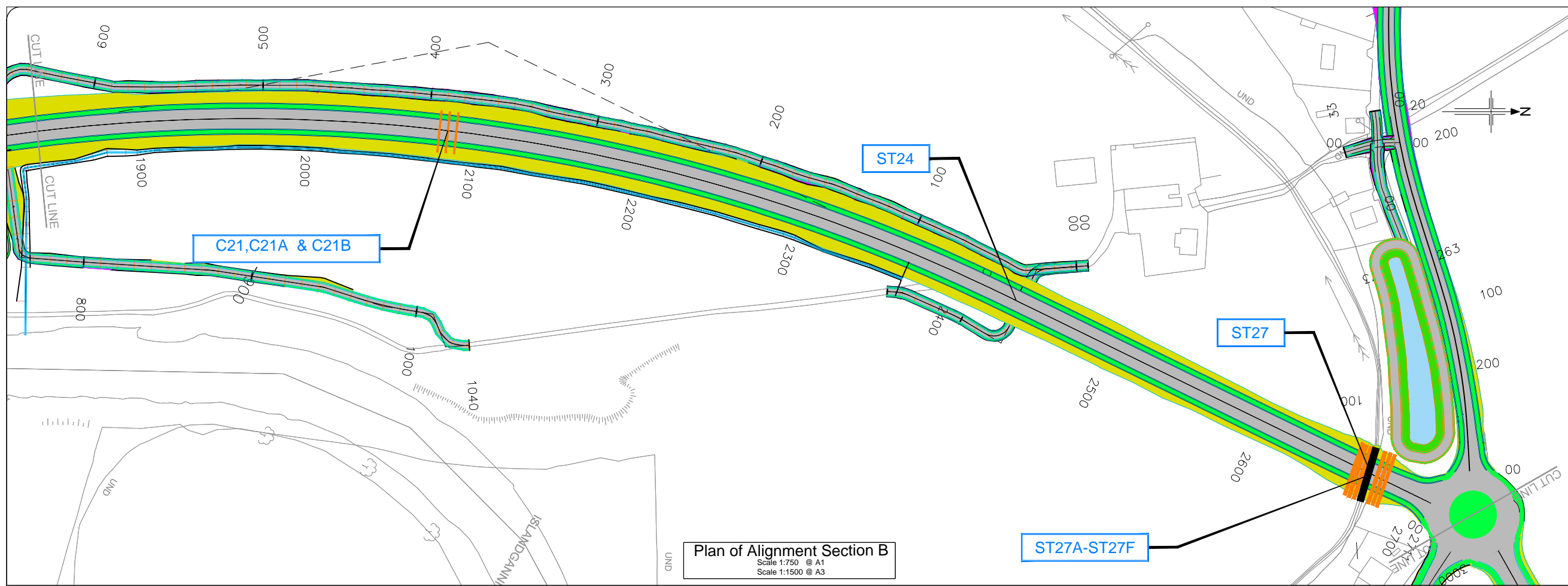
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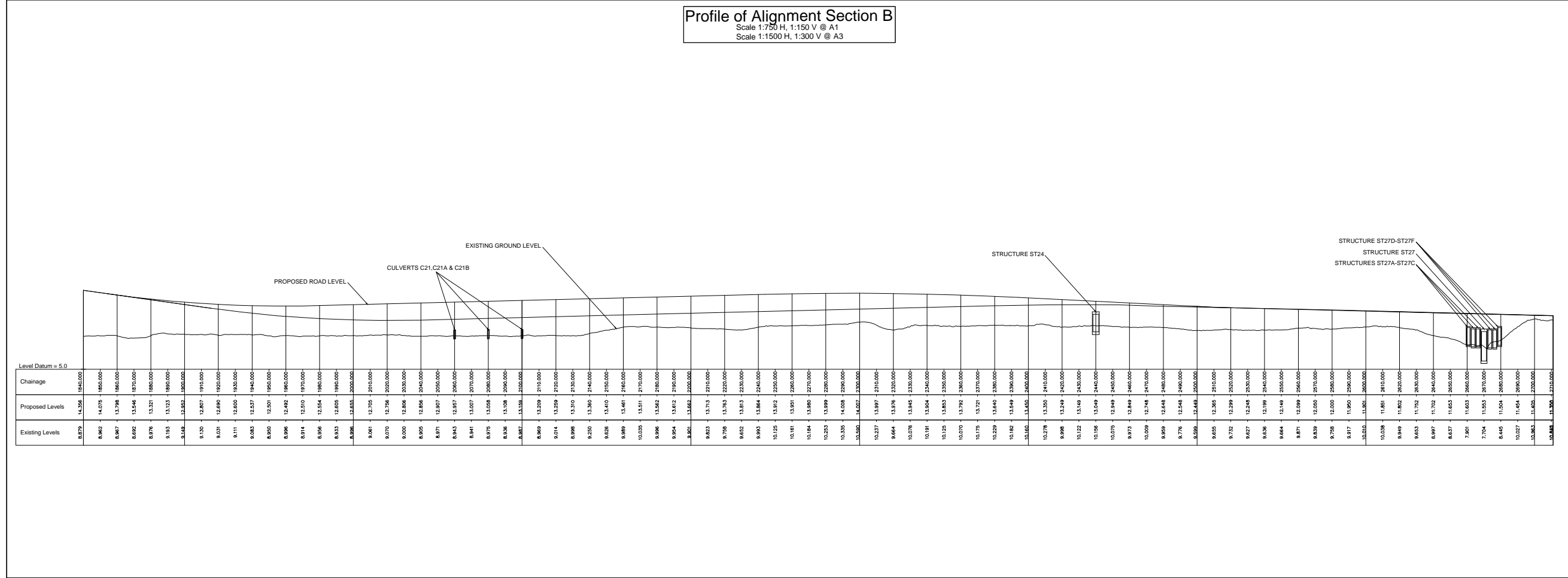
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Designed:	JTM
Drawn:	JTM
Checked:	AM
File Name:	AS SHOWN
Original scales:	AS SHOWN
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.7

- Legend:**
- ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Alignment Section B
Scale 1:750 @ A1
Scale 1:1500 @ A3

Profile of Alignment Section B
Scale 1:750 H, 1:150 V @ A1
Scale 1:1500 H, 1:300 V @ A3



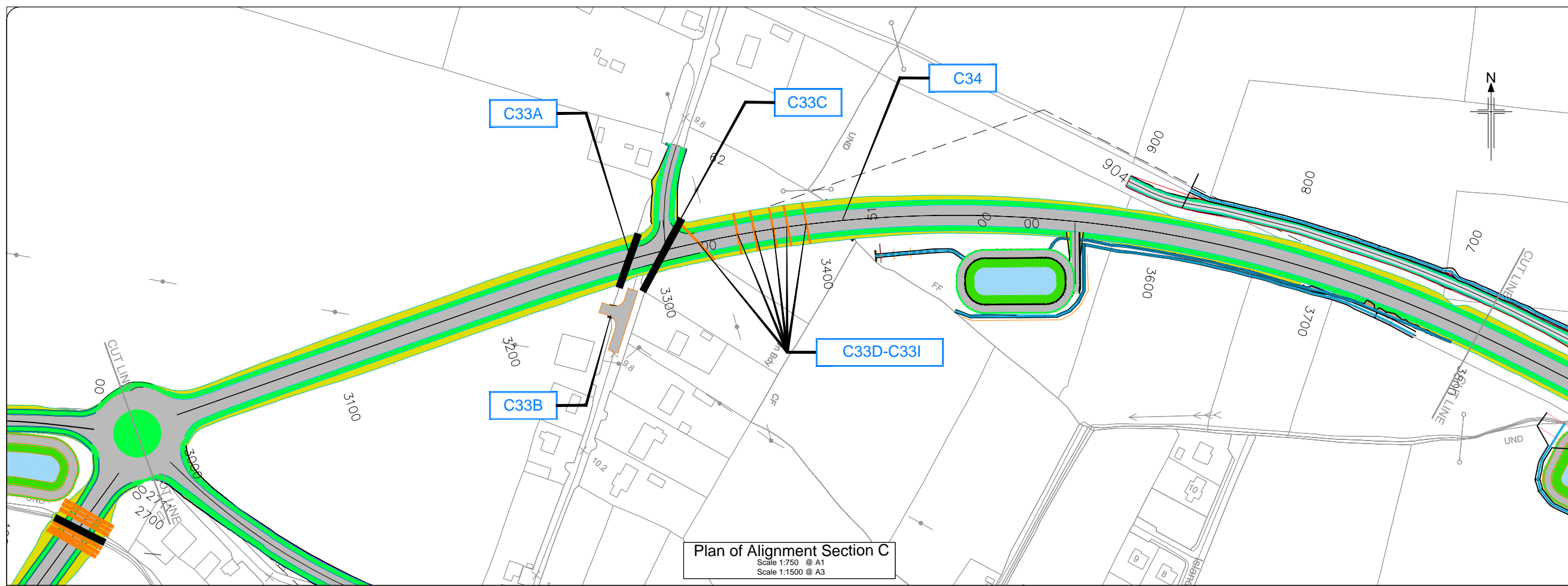
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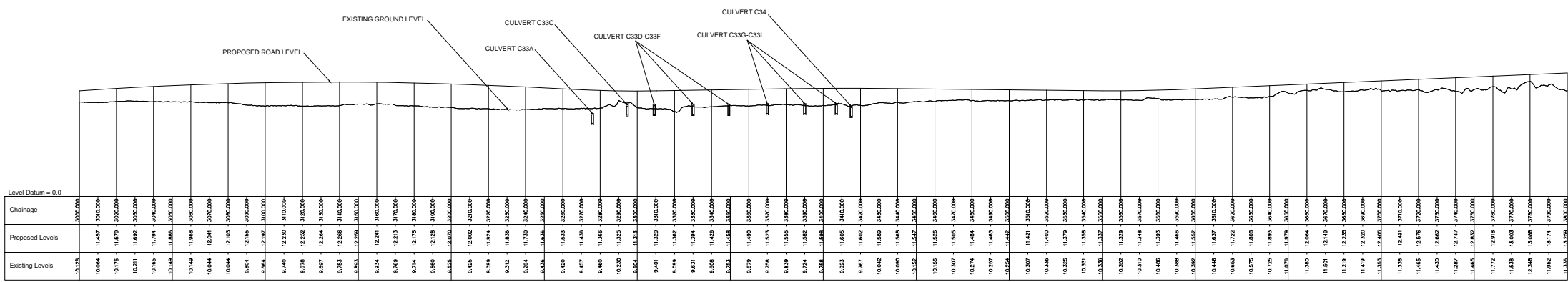
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Component:	Environmental Impact Statement
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Drawn:	JTM
Checked:	AM
File Name:	AS SHOWN
Original scales:	AS SHOWN
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.8

- Legend:**
- ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Alignment Section C
Scale 1:750 @ A1
Scale 1:1500 @ A3

Profile of Alignment Section C
Scale 1:750 H, 1:150 V @ A1
Scale 1:1500 H, 1:300 V @ A3



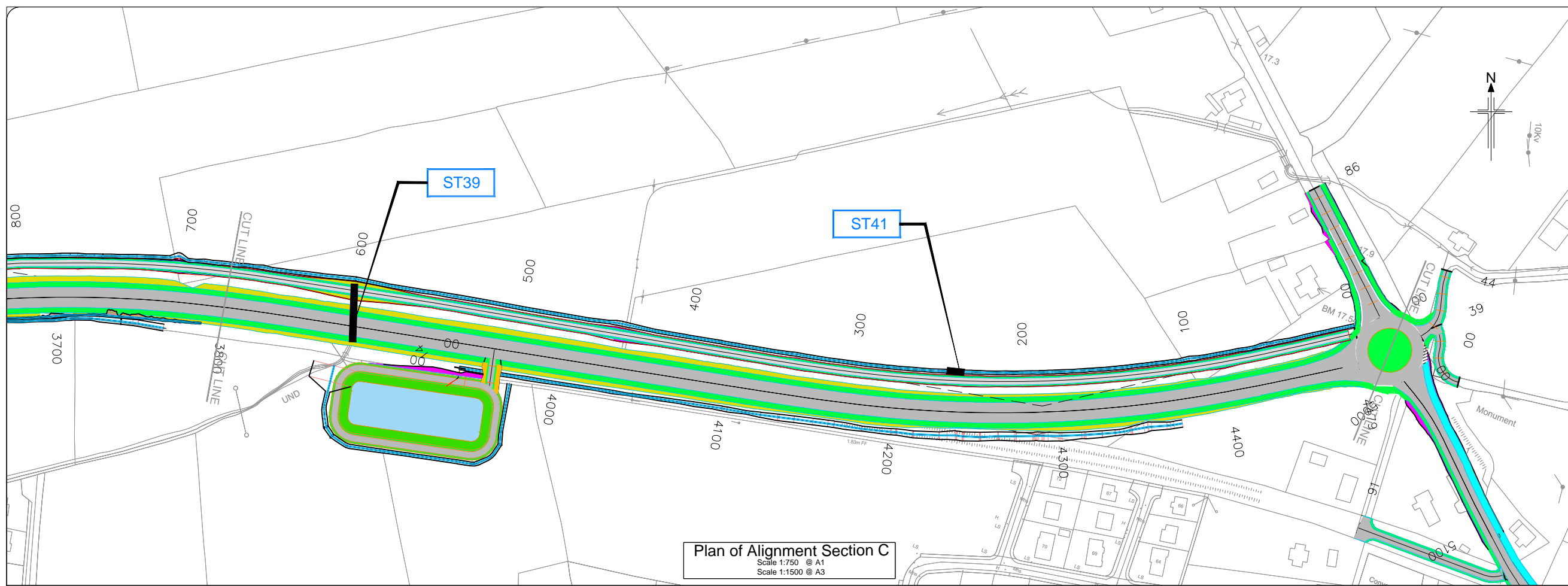
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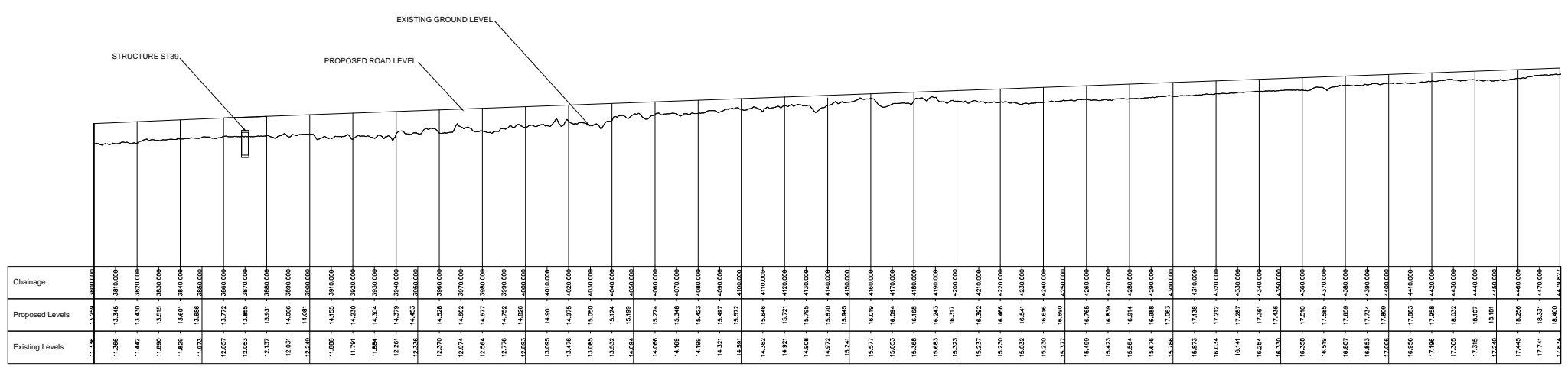
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0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Alignment Section C Plan and Profile
Drawn:	JTM
Checked:	AM
File Name:	AS SHOWN
Original scales:	AS SHOWN
Date:	April 2017
Drawn No.:	32105301/EIS/Fig 2.1.9

- Legend:**
- ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Shared Cycle-Lane/Footpath
 - New Drainage / Watercourse Feature



Profile of Alignment Section C
Scale 1:750 H, 1:150 V @ A1
Scale 1:1500 H, 1:300 V @ A3








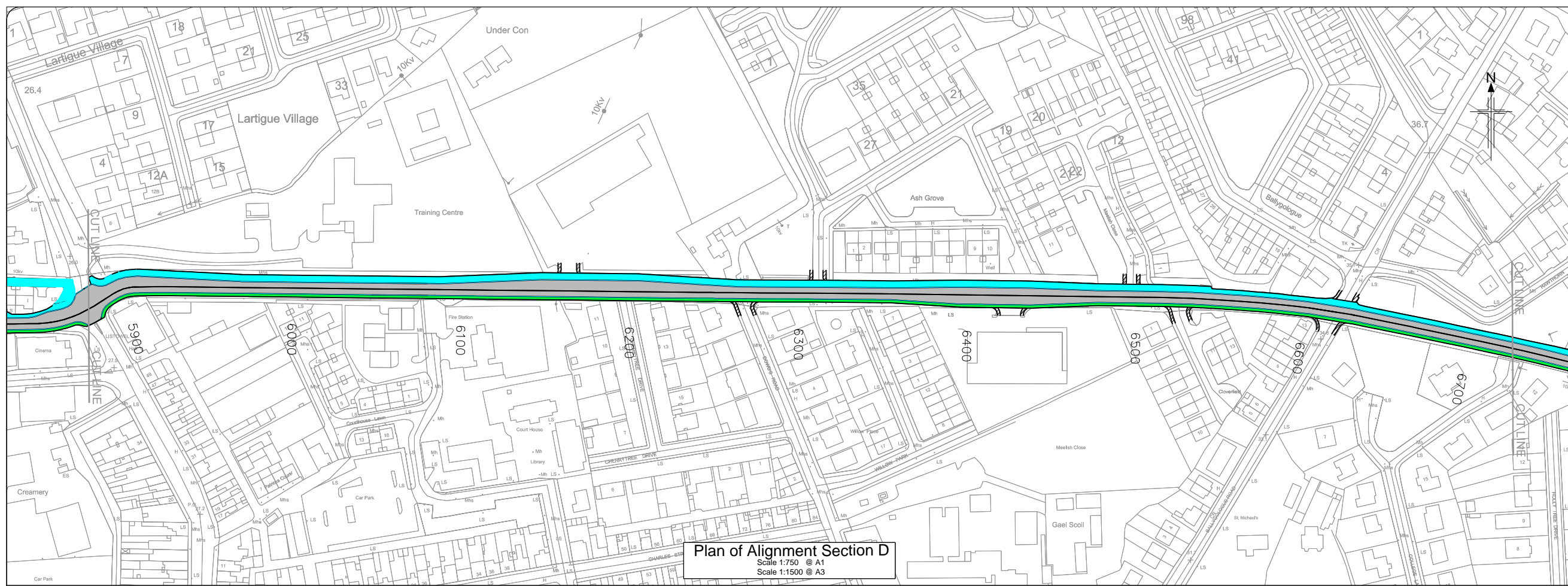
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Alignment Section C Plan and Profile
Drawn:	JTM
Checked:	AM
File Name:	AS SHOWN
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.10

- Legend:**
-  Structure Reference Number
 -  New Road Element on Embankment
 -  New Road Element in Cutting
 -  Attenuation Pond/Wetland
 -  Shared Cycle-Lane/Footpath








Plan of Alignment Section D
Scale 1:750 @ A1
Scale 1:1500 @ A3

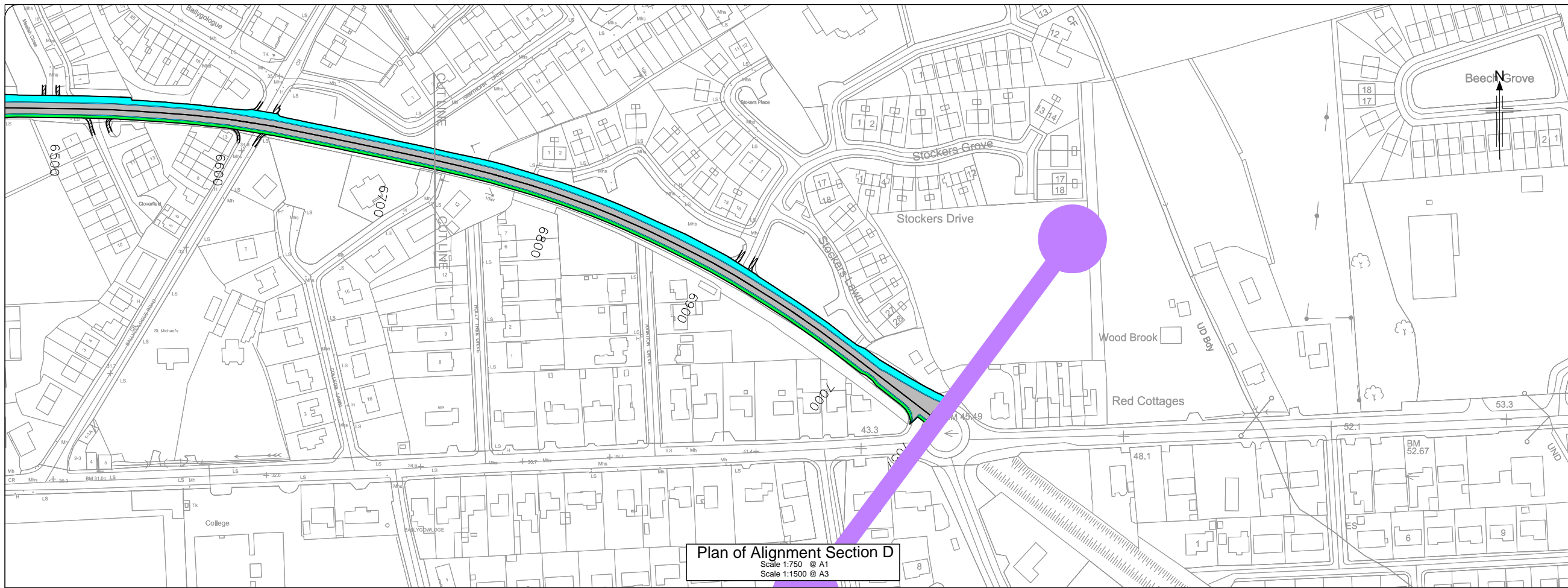
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Alignment Section D Plan and Profile	
Designed: JTM	File Name: AS SHOWN
Drawn: JTM	Original scales: AS SHOWN
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 2.1.12	

- Legend:**
-  Structure Reference Number
 -  New Road Element on Embankment
 -  New Road Element in Cutting
 -  Attenuation Pond/Wetland
 -  Shared Cycle-Lane/Footpath



All details shown on this drawing are indicative only and are subject to development at detailed design stage.



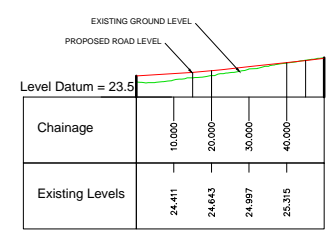
Rev	By	Date	Description
0	JTM	April 2017	For Publication

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Component: Environmental Impact Statement	
Title: Alignment Section D Plan and Profile	
Design: JTM	File Name:
Draw: JTM	Original scales: AS SHOWN
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 2.1.13	

- Legend:**
- █ Side Road 1
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Side Road 1
Scale 1:1000 @ A1
Scale 1:2000 @ A3



Profile of Side Road 1
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

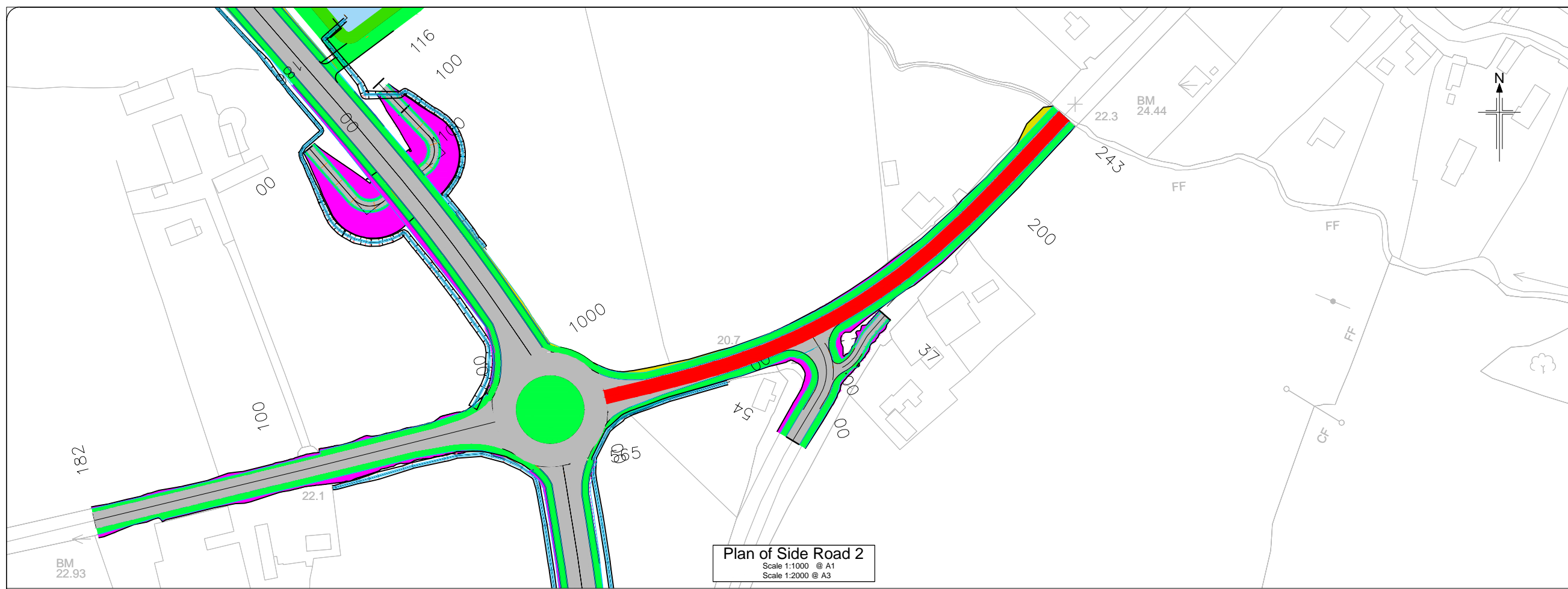
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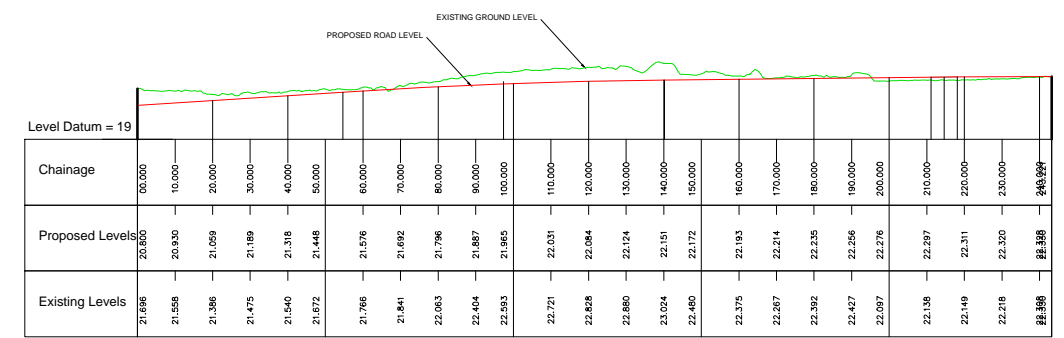
Rev	By	Date	Description
0	JTM	April 2017	For Publication

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Component: Environmental Impact Statement	
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Draw: JTM	Original scales: 1:1,000 @ A1 1:2,000 @ A3
Check: AM	Date: April 2017

- Legend:**
- █ Side Road 2
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Side Road 2
Scale 1:1000 @ A1
Scale 1:2000 @ A3



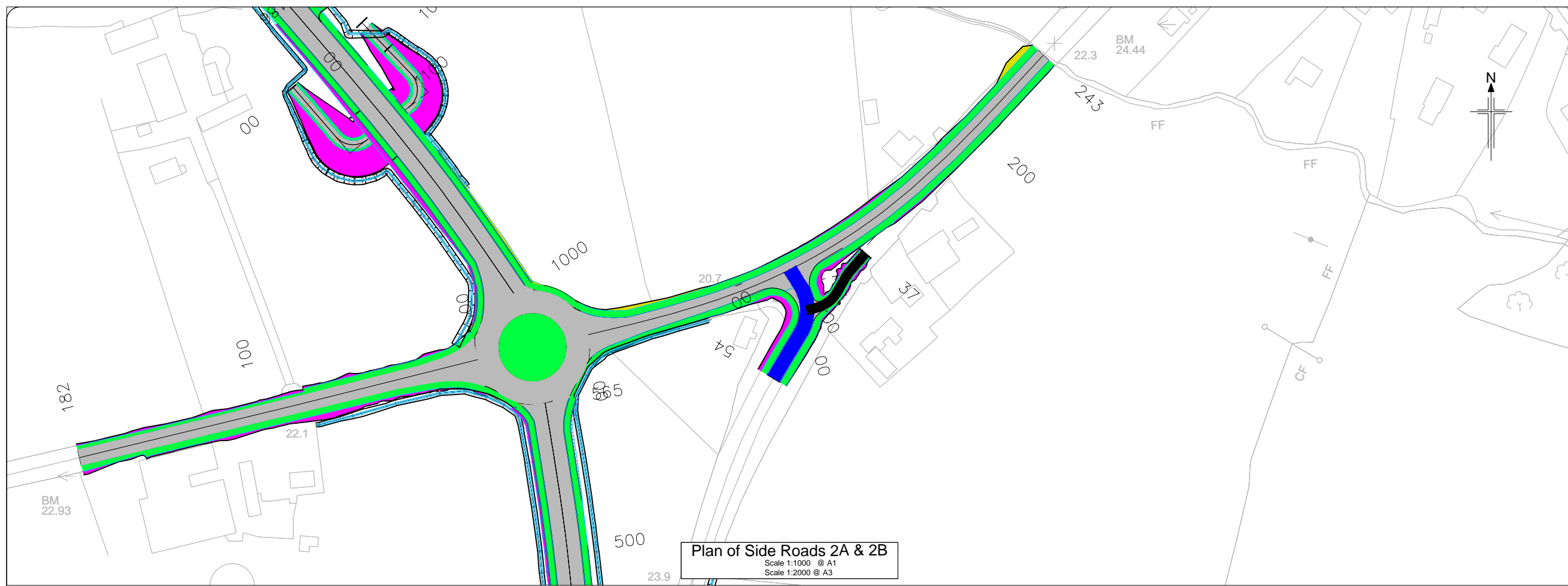
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Scale 1:2000 H, 1:2000 V @ A3

All details shown on this drawing are indicative only and are subject to development at detailed design stage.



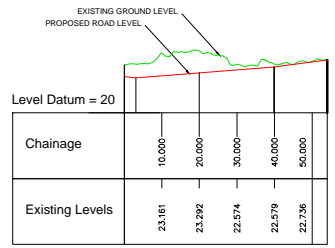
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0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Side Road 2 Plan and Profile	
Designed: JTM	File Name: 1:1,000 @ A1 1:2,000 @ A3
Drawn: JTM	Original scales: 1:1,000 @ A1 1:2,000 @ A3
Checked: AM	Date: April 2017
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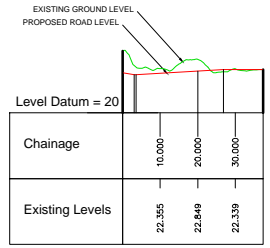


- Legend:**
- Side Road 2A
 - Side Road 2B
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature

Plan of Side Roads 2A & 2B
Scale 1:1000 @ A1
Scale 1:2000 @ A3



Profile of Side Road 2A



Profile of Side Road 2B

Profile of Side Roads 2A & 2B
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

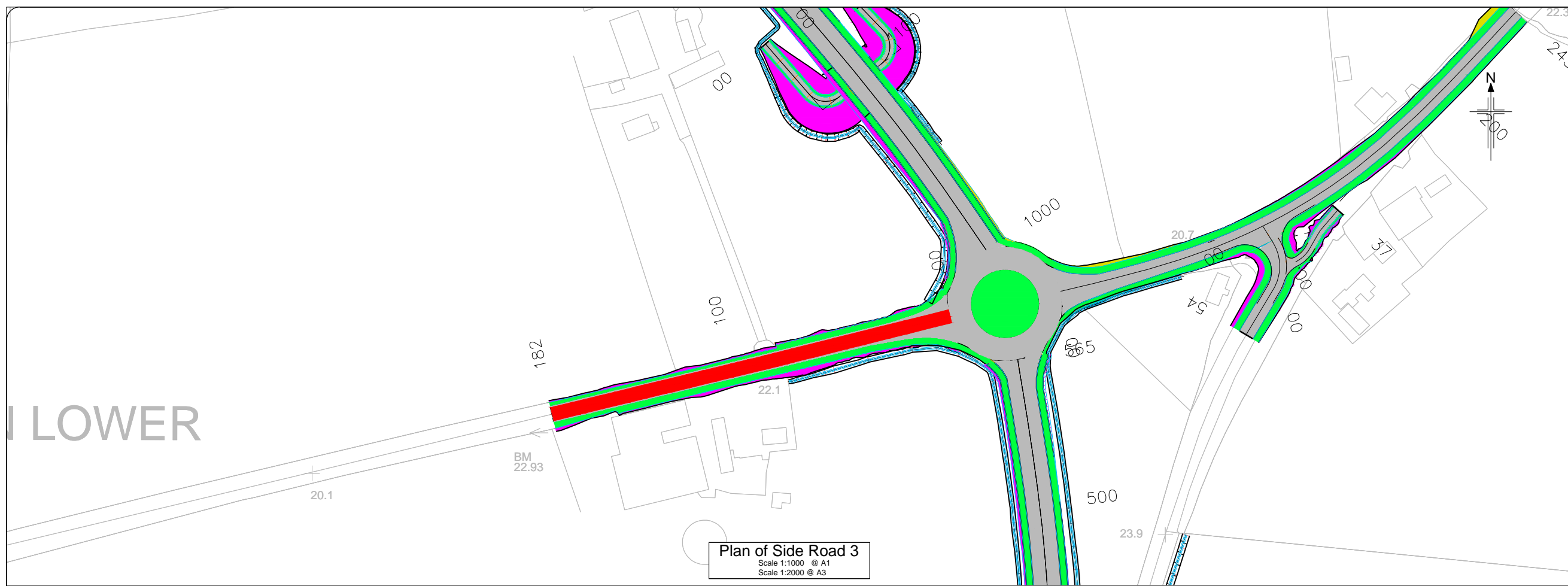
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



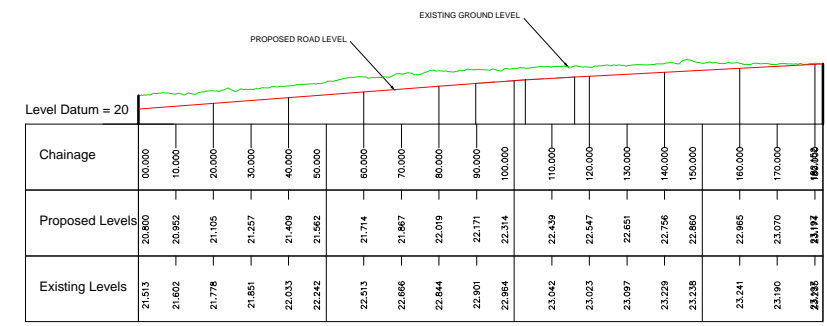
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Side Roads 2A & 2B Plan and Profile
Design: JTM	File Name:
Draw: JTM	Original scales: 1:1,000 @ A1 1:2,000 @ A3
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 2.1.16	

- Legend:**
- █ Side Road 3
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Side Road 3
Scale 1:1000 @ A1
Scale 1:2000 @ A3



Profile of Side Road 3
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

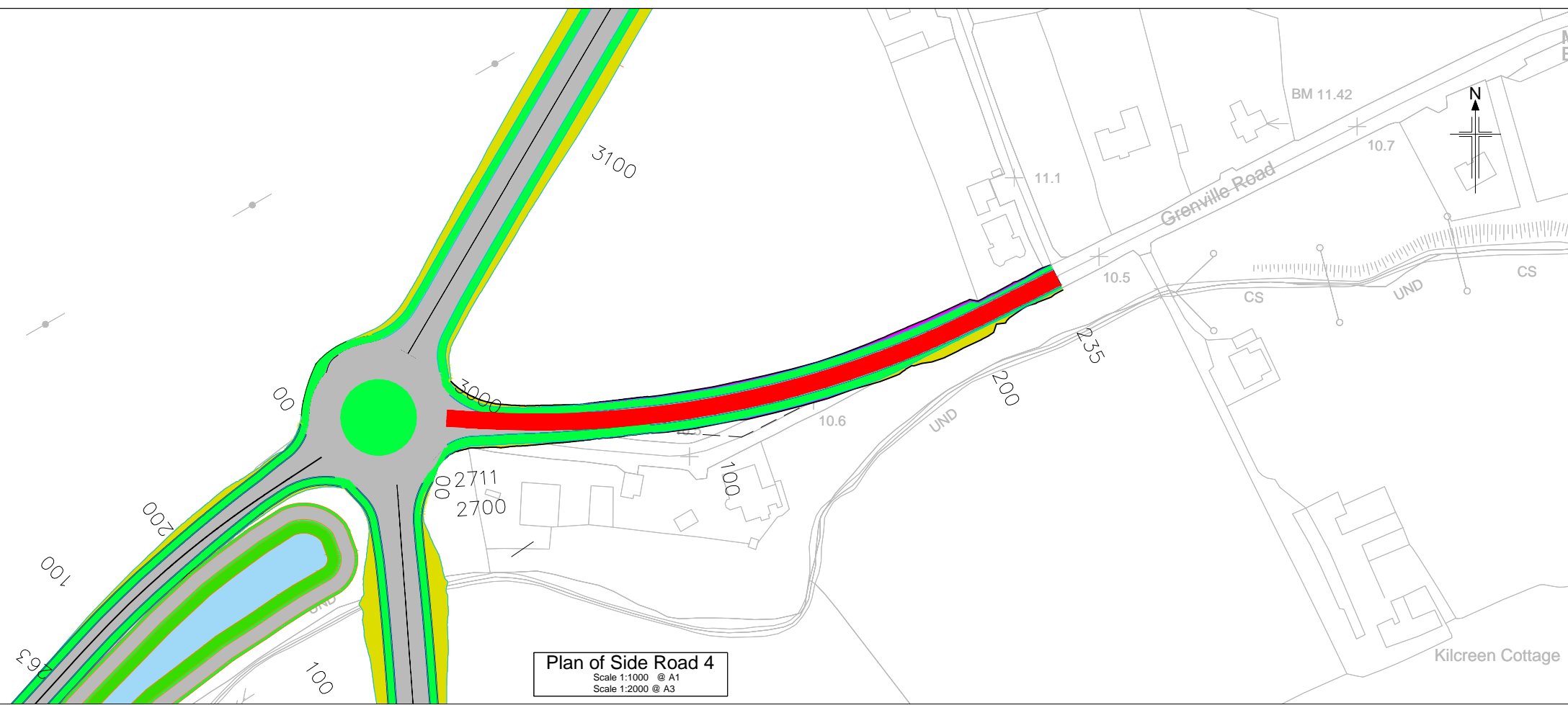
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



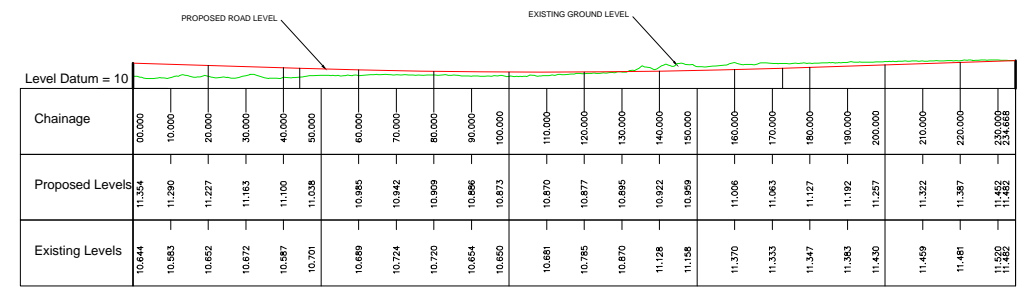
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Side Road 3 Plan and Profile	
Designed: JTM	File Name: 32105301/EIS/Fig 2.1.17
Drawn: JTM	Original scales: 1:1,000 @ A1 1:2,000 @ A3
Checked: AM	Date: April 2017

- Legend:**
- █ Side Road 4
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Side Road 4
Scale 1:1000 @ A1
Scale 1:2000 @ A3



Profile of Side Road 4
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

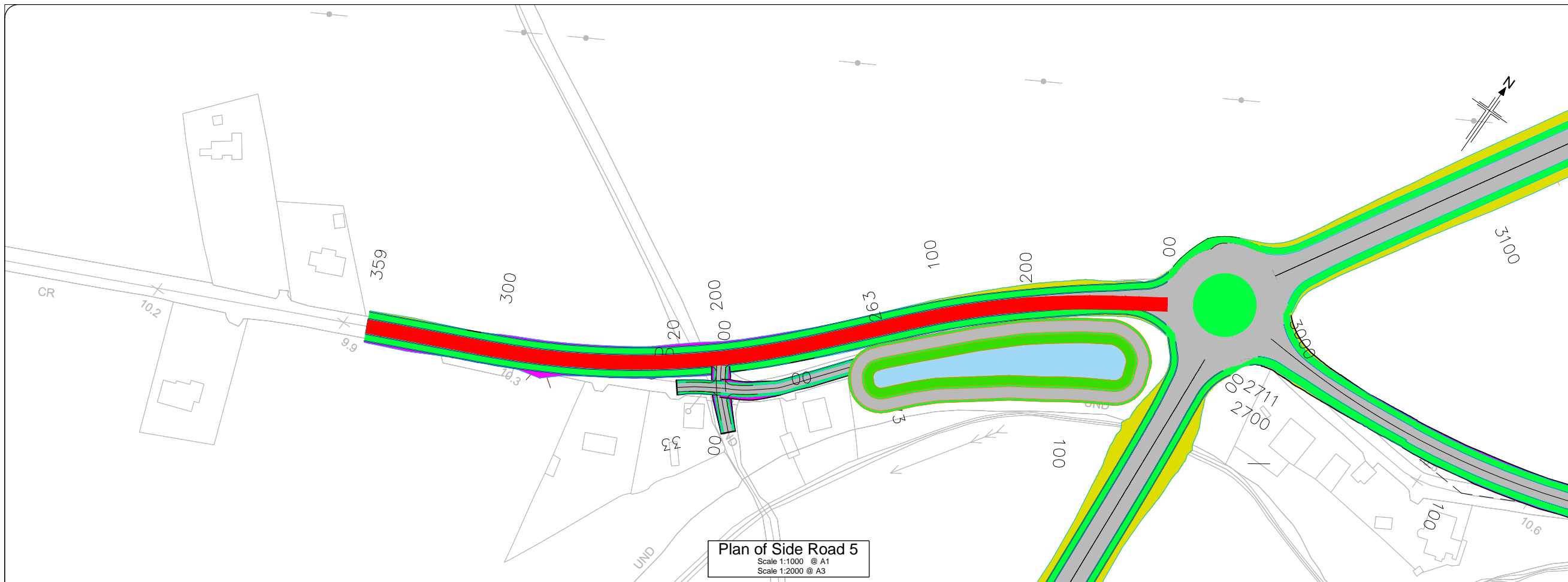
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



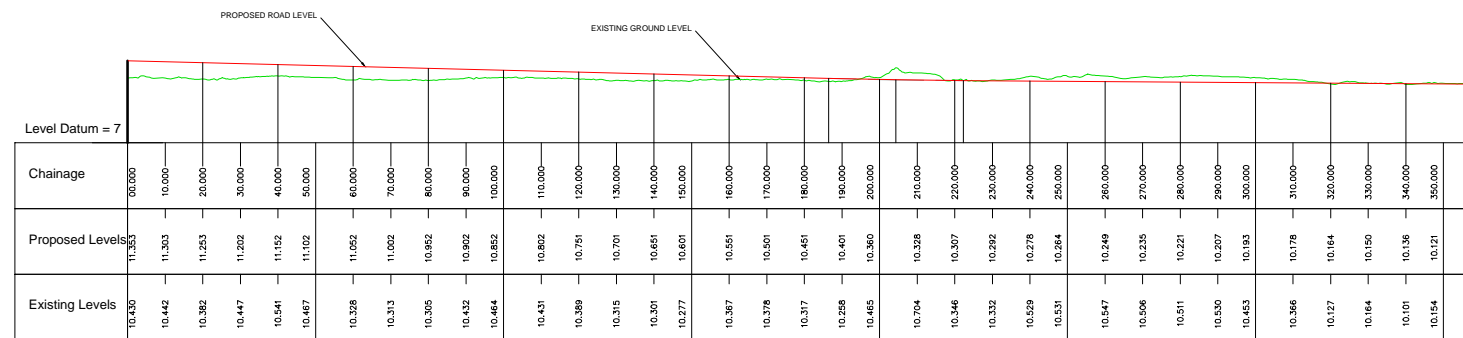
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Side Road 4 Plan and Profile	
Designed: JTM	File Name:
Drawn: JTM	Original scales: 1:1,000 @ A1 1:2,000 @ A3
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 2.1.18	

- Legend:**
- █ Side Road 5
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Side Road 5
Scale 1:1000 @ A1
Scale 1:2000 @ A3



Profile of Side Road 5
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

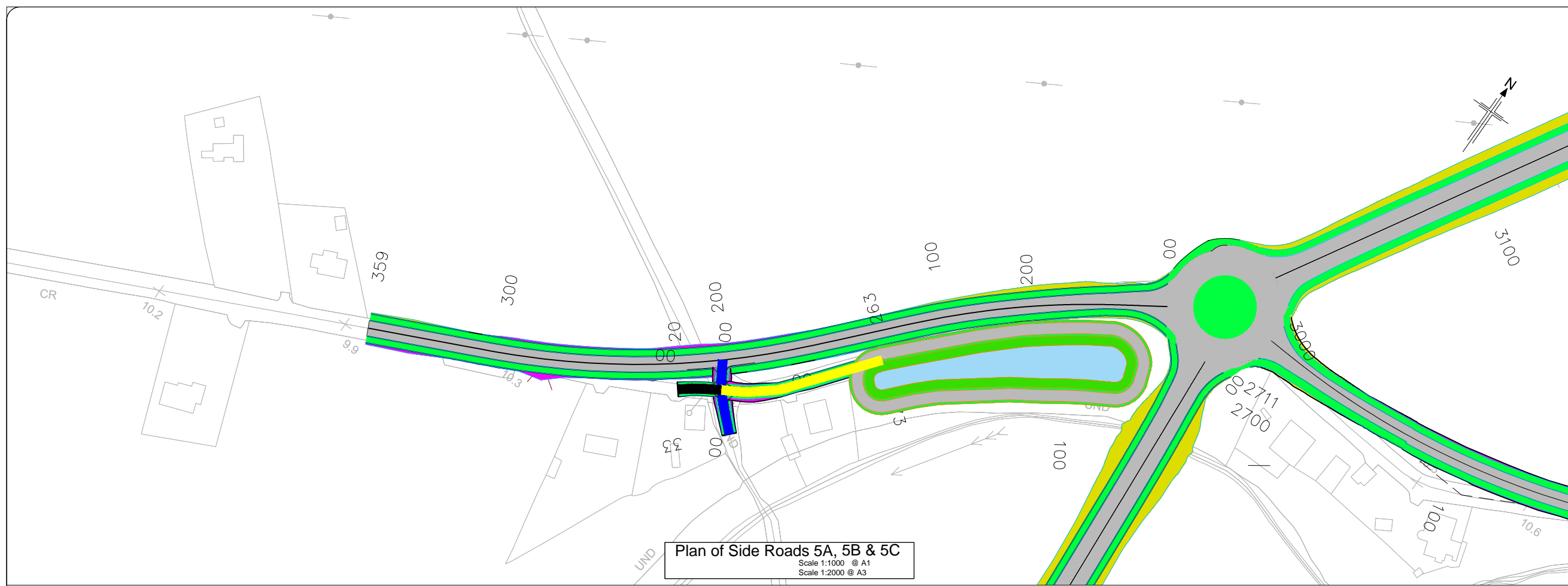
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



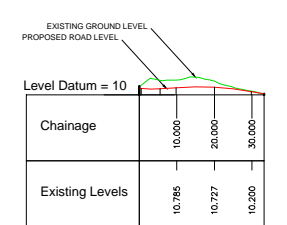
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Side Road 5 Plan and Profile
Designed: JTM	File Name:
Drawn: JTM	Original scales: 1:1,000 @ A1 1:2,000 @ A3
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 2.1.19	

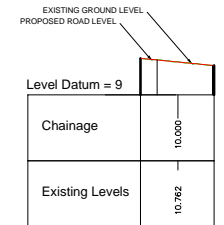
- Legend:**
- Side Road 5A
 - Side Road 5B
 - Side Road 5C
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



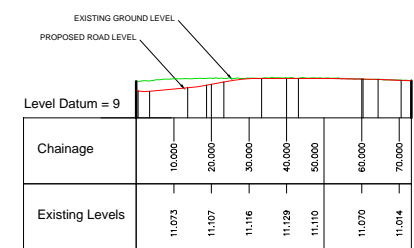
Plan of Side Roads 5A, 5B & 5C
Scale 1:1000 @ A1
Scale 1:2000 @ A3



Profile of Side Road 5A



Profile of Side Road 5B



Profile of Side Road 5C

Profile of Side Roads 5A, 5B & 5C
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

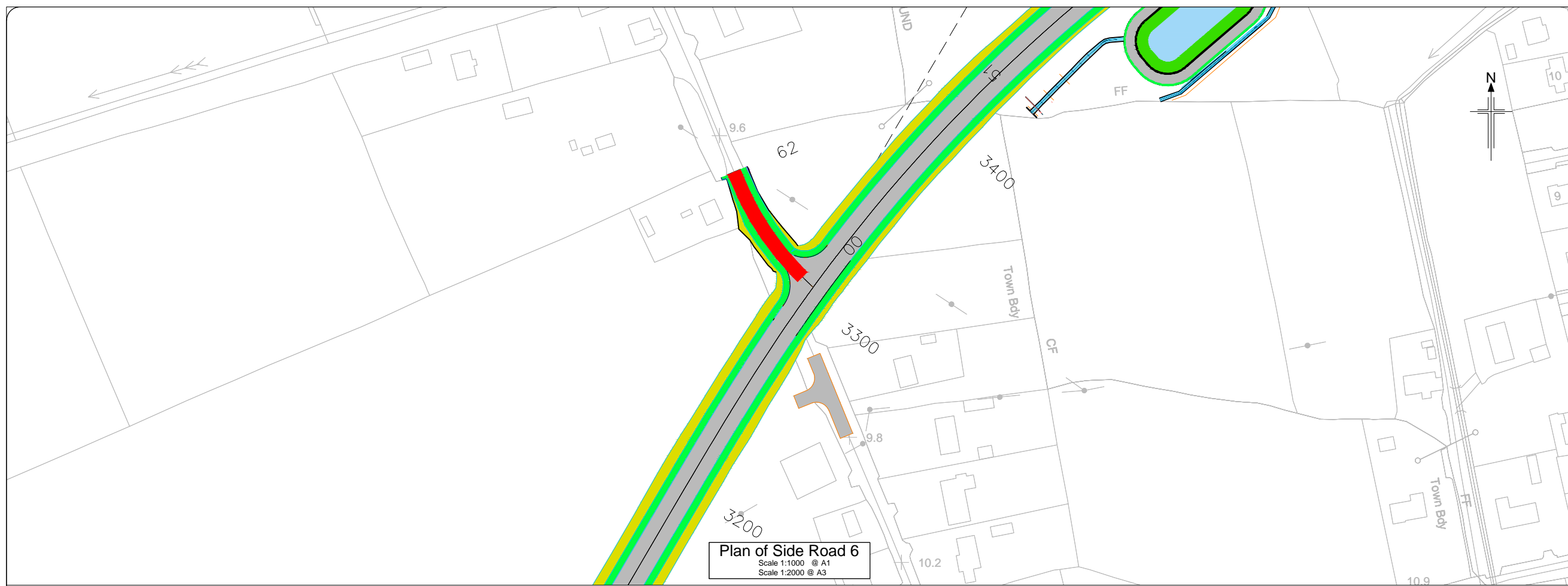
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Side Roads 5A, 5B & 5C Plan and Profile
Designed:	JTM
Drawn:	JTM
Checked:	AM
File Name:	32105301/EIS/Fig 2.1.20
Original scales:	1:1,000 @ A1 1:2,000 @ A3
Date:	April 2017

- Legend:**
- █ Side Road 6
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Side Road 6
Scale 1:1000 @ A1
Scale 1:2000 @ A3

Chainage	Proposed Levels	Existing Levels
00.000	9.327	9.357
10.000	9.448	9.448
20.000	9.663	9.663
30.000	9.834	9.834
40.000	9.790	9.790
50.000	9.806	9.806
62.500	9.698	9.698

Profile of Side Road 6
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

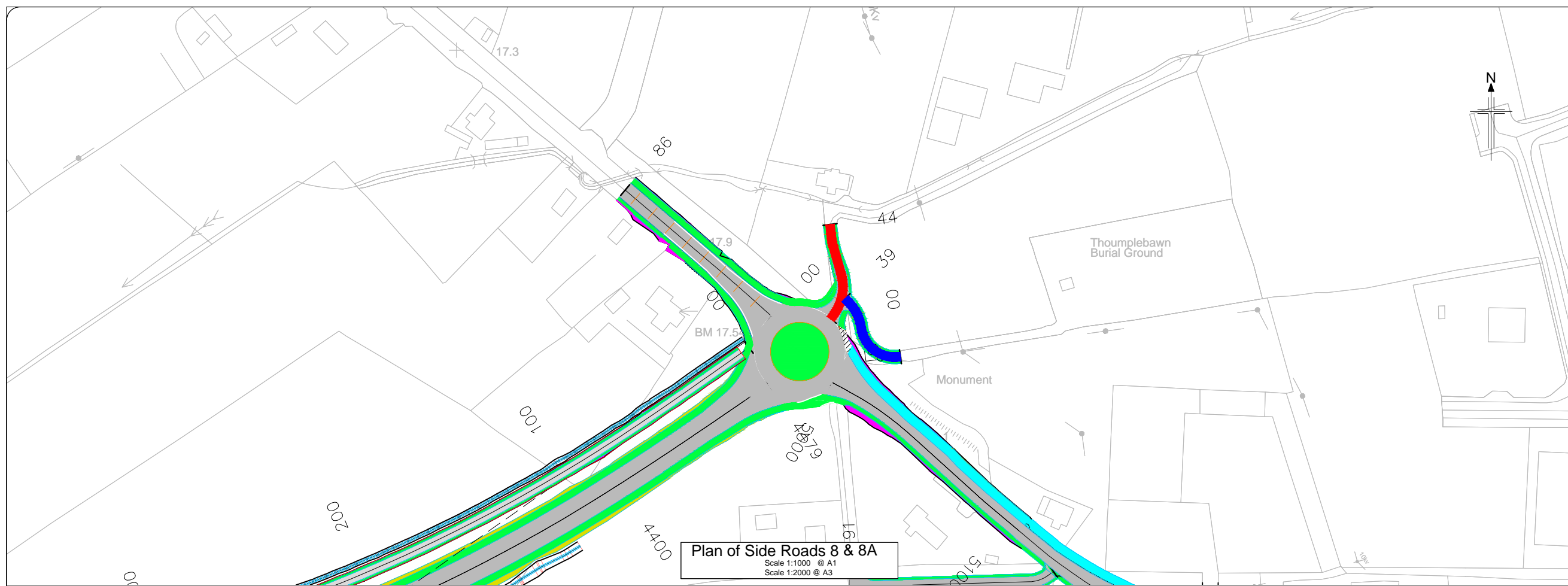
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Side Road 6 Plan and Profile	
Designed: JTM	File Name: 32105301/EIS/Fig 2.1.21
Drawn: JTM	Original scales: 1:1,000 @ A1 1:2,000 @ A3
Checked: AM	Date: April 2017

- Legend:**
- █ Side Road 8
 - █ Side Road 8A
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Side Roads 8 & 8A
Scale 1:1000 @ A1
Scale 1:2000 @ A3

Level Datum = 17

Chainage	Proposed Levels	Existing Levels
00.000	18.400	18.520
10.000	18.480	18.439
20.000	18.504	18.542
30.000	18.441	18.434
40.000	18.323	18.340

Profile of Side Road 8

Level Datum = 17

Chainage	Proposed Levels	Existing Levels
00.000	18.103	18.103
10.000	18.901	19.042
20.000	18.713	18.706
30.000	18.608	18.523
39.271	18.538	18.538

Profile of Side Road 8A

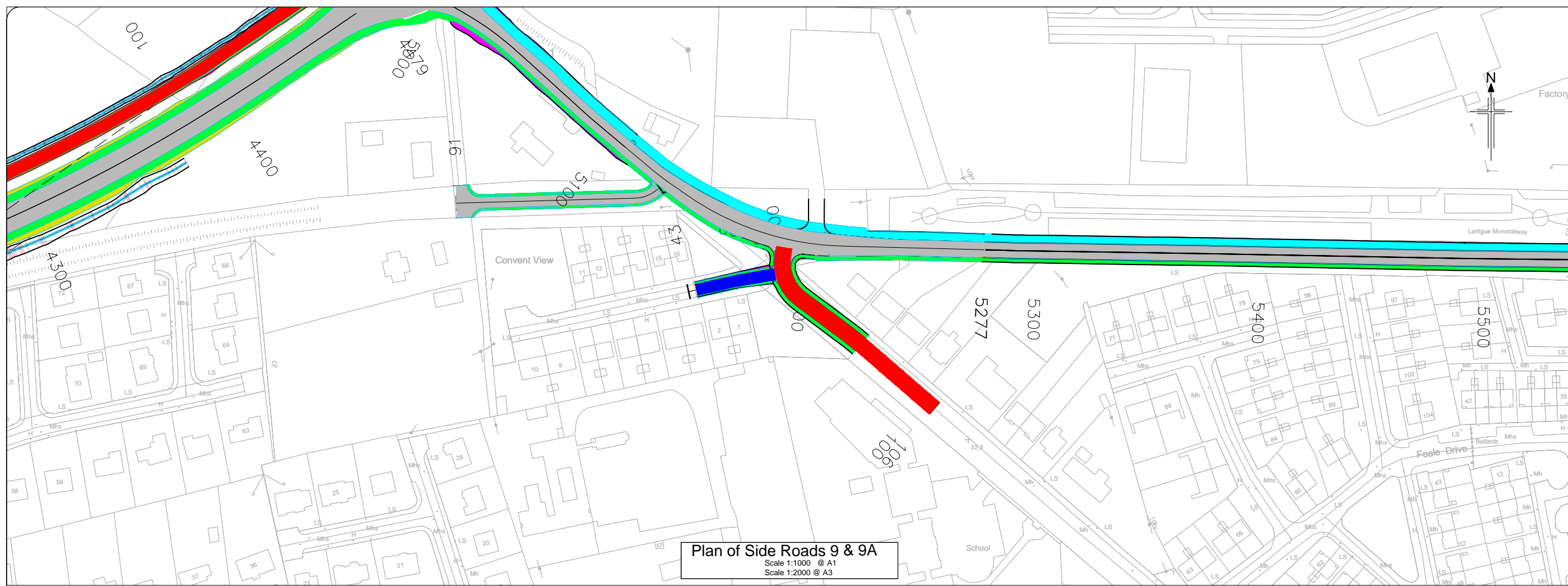
Profile of Side Roads 8 & 8A
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Side Road 8 & 8A Plan and Profile
Designed:	JTM
Drawn:	JTM
Checked:	AM
File Name:	1:1,000 @ A1 1:2,000 @ A3
Original scales:	1:1,000 @ A1 1:2,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.23



- Legend:**
- █ Side Road 9
 - █ Side Road 9A
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature

Plan of Side Roads 9 & 9A
Scale 1:1000 @ A1
Scale 1:2000 @ A3

Level Datum = 21

Chainage	Proposed Levels	Existing Levels
00.000	21.942	22.219
10.000	22.113	22.328
20.000	22.321	22.454
30.000	22.445	22.434
40.000	22.482	22.468
50.000	22.482	22.514
60.000	22.482	22.515
70.000	22.482	22.471
80.000	22.482	22.509
90.000	22.482	22.511
100.000	22.482	22.502
105.813	22.482	22.482

Profile of Side Roads 9

Level Datum = 21

Chainage	Existing Levels
10.000	22.339
20.000	22.129
30.000	22.515
40.000	21.975

Profile of Side Roads 9A

Profile of Side Roads 9 & 9A
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

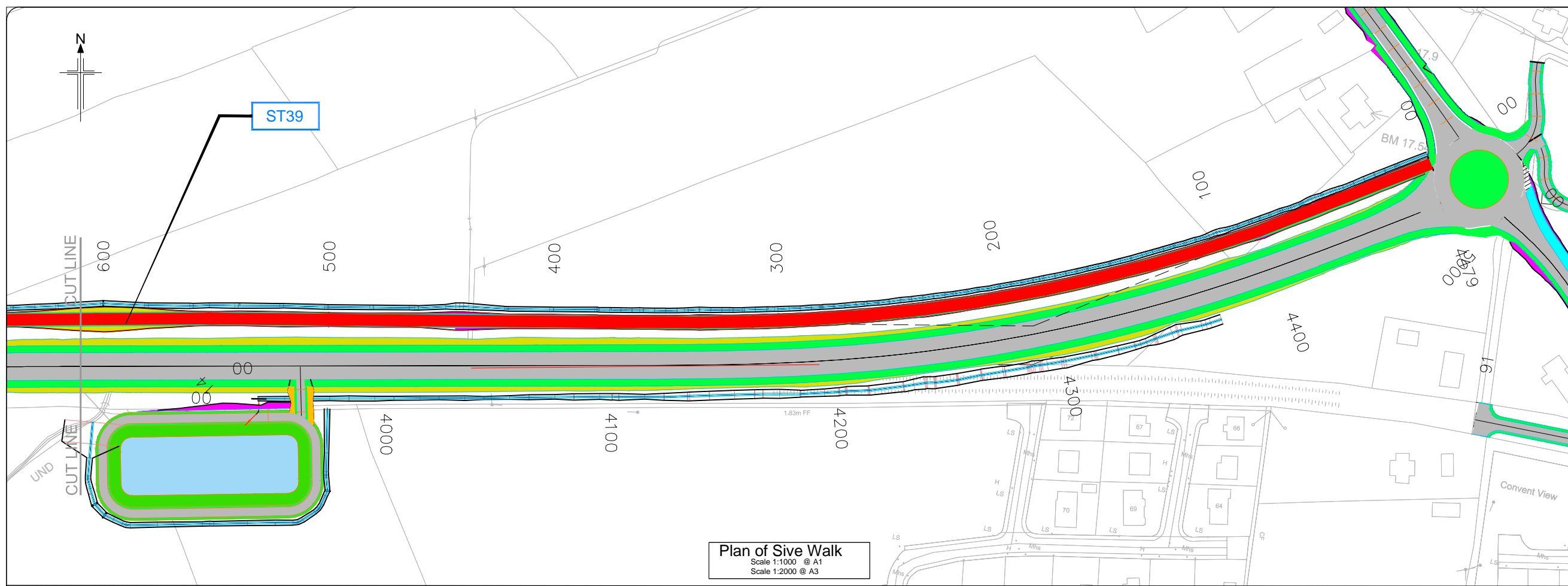
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



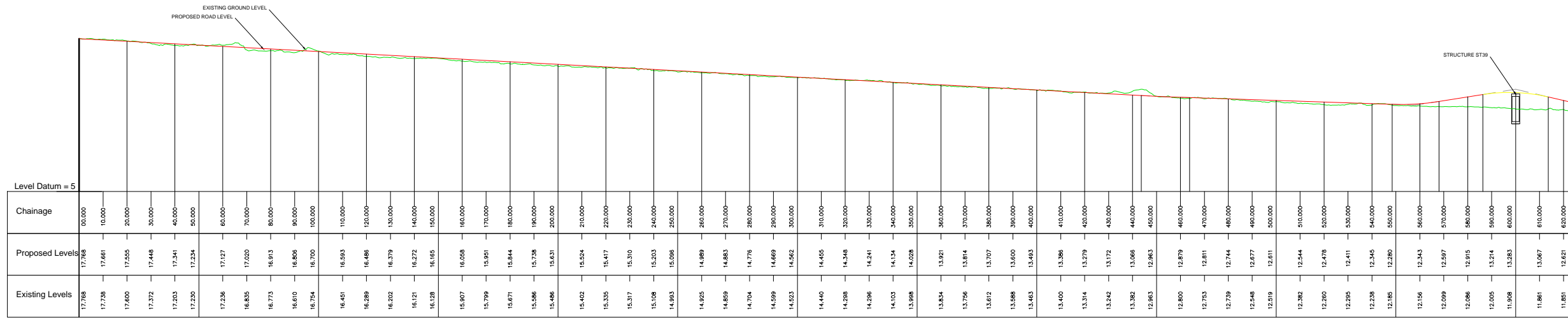
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Side Road 9 & 9A Plan and Profile
Design: JTM	File Name:
Draw: JTM	Original scales: 1:1,000 @ A1 1:2,000 @ A3
Check: AM	Date: April 2017
Drawing No. 32105301/EIS/Fig 2.1.24	

- Legend:**
- █ Sive Walk
 - ST01 Structure Reference Number
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - New Drainage / Watercourse Feature



Plan of Sive Walk
Scale 1:1000 @ A1
Scale 1:2000 @ A3









Profile of Sive Walk
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

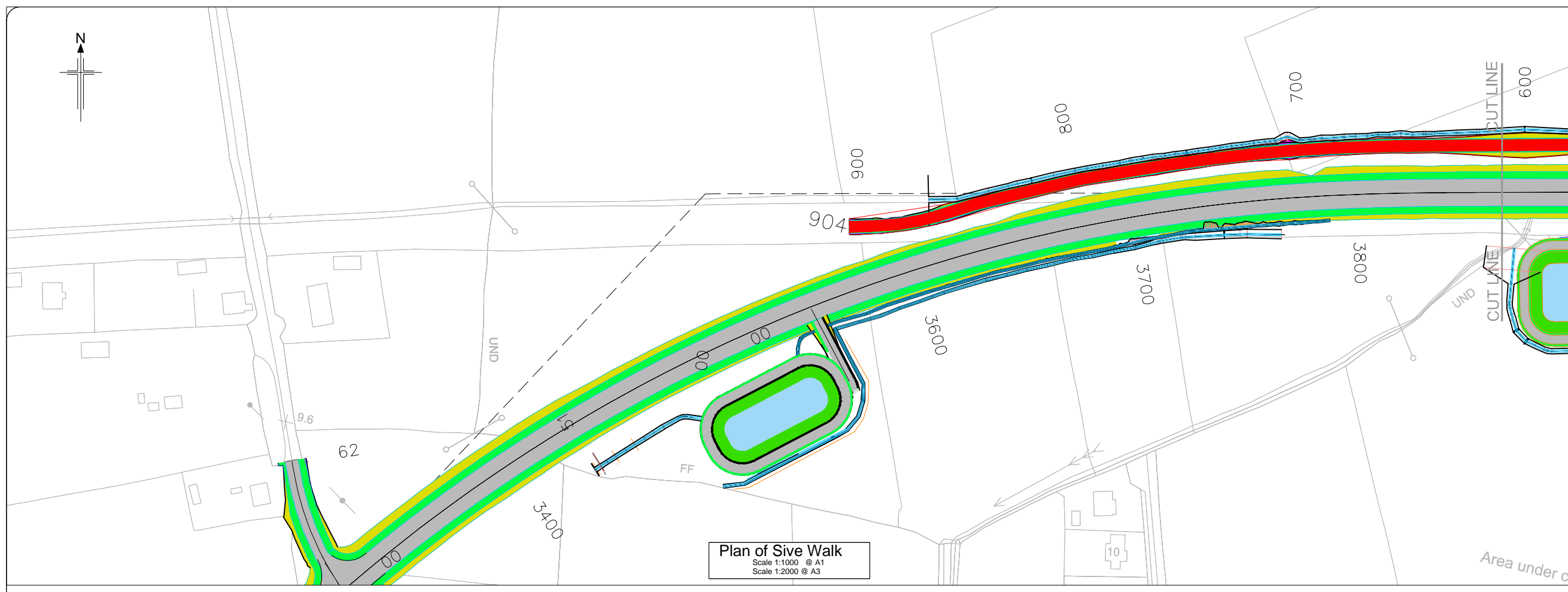
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Sive Walk Plan and Profile
Drawn:	JTM
Checked:	MW
File Name:	32105301/EIS/Fig 2.1.25
Original scales:	1:1,000 @ A1 1:2,000 @ A3
Date:	April 2017

- Legend:**
-  Sive Walk
 -  Structure Reference Number
 -  New Road Element on Embankment
 -  New Road Element in Cutting
 -  Attenuation Pond/Wetland
 -  New Drainage / Watercourse Feature



STRUCTURE ST39

Level Datum = 5

Chainage	Proposed Levels	Existing Levels
520.000	12.478	12.260
530.000	12.411	12.295
540.000	12.345	12.238
550.000	12.280	12.185
560.000	12.343	12.156
570.000	12.597	12.099
580.000	12.915	12.098
590.000	13.274	12.005
600.000	13.283	11.908
610.000	13.067	11.861
620.000	12.821	11.851
630.000	12.164	11.726
640.000	11.824	11.640
650.000	11.641	11.629
660.000	11.571	11.386
670.000	11.505	11.537
680.000	11.440	11.134
690.000	11.375	11.167
700.000	11.309	11.250
710.000	11.244	10.944
720.000	11.179	10.990
730.000	11.113	10.991
740.000	11.046	10.900
750.000	10.983	11.098
760.000	10.917	10.843
770.000	10.852	10.969
780.000	10.787	10.700
790.000	10.721	10.732
800.000	10.652	10.675
810.000	10.582	10.600
820.000	10.515	10.602
830.000	10.448	10.438
840.000	10.381	10.521
850.000	10.312	10.532
860.000	10.243	10.638
870.000	11.014	10.999
880.000	11.086	11.220
890.000	11.134	10.945
900.000	11.084	10.885
903.869	11.065	10.914

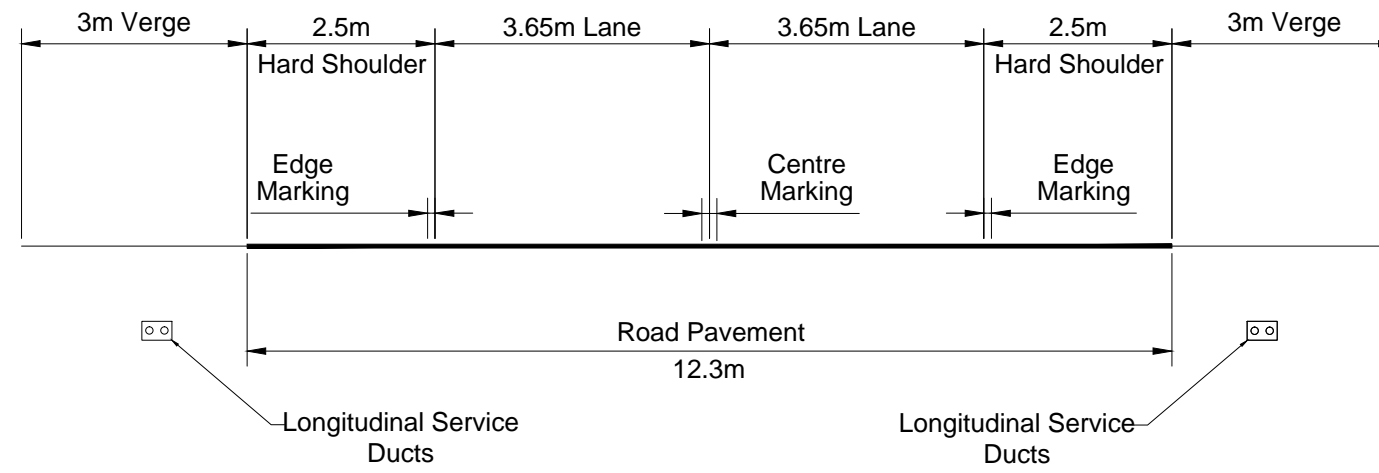
Profile of Sive Walk
Scale 1:1000 H, 1:1000 V @ A1
Scale 1:2000 H, 1:2000 V @ A3

All details shown on this drawing are indicative only and are subject to development at detailed design stage.

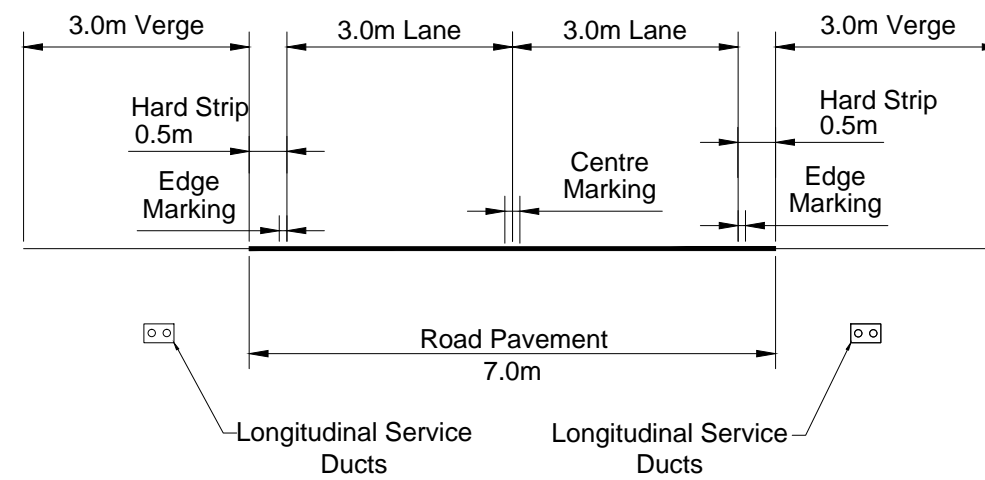


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Sive Walk Plan and Profile
Designed:	JTM
Drawn:	MW
Checked:	AM
File Name:	32105301/EIS/Fig 2.1.26
Original scales:	1:1,000 @ A1 1:2,000 @ A3
Date:	April 2017



Type 1 Single Carriageway (S2)
[Mainline]



Type 3 Single Carriageway (S2)
[Side Roads]

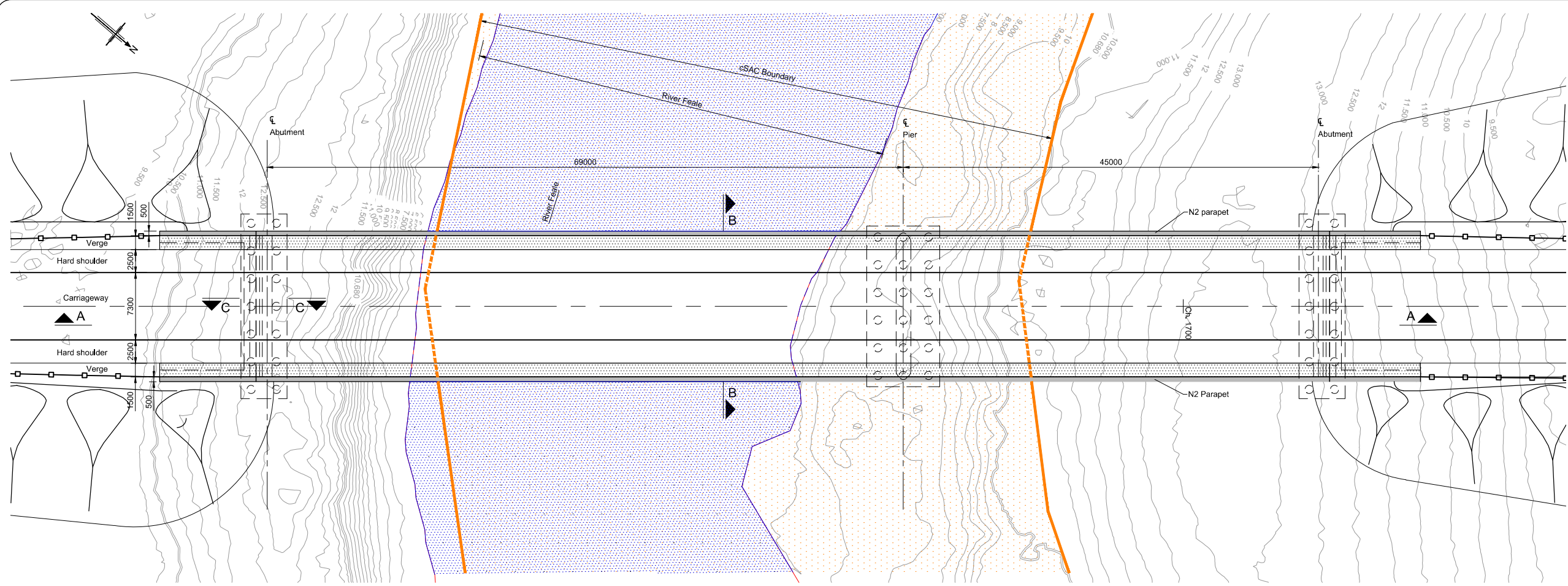
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



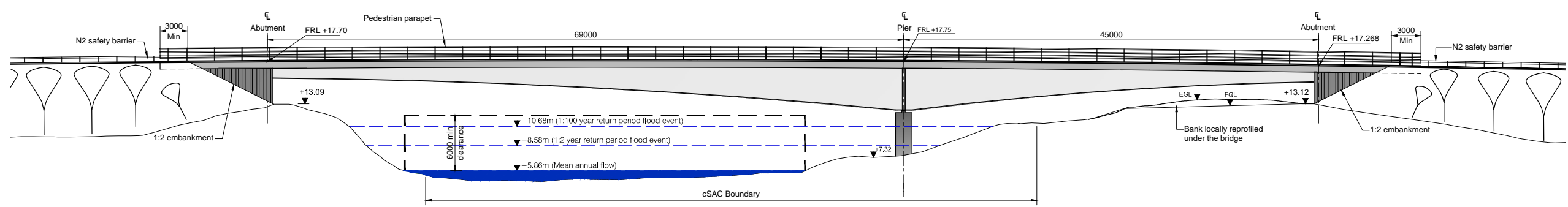
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS		
Component:	Environmental Impact Statement		
Title:	Cross Sections		
Designed:	MW	File Name:	
Drawn:	MW	Original scales:	1:50 @ A1, 1:100 @ A3
Checked:	AMG	Date:	April 2017
			32105301/EIS/Fig 2.1.27

- Notes:
1. All dimensions are in millimetres unless noted otherwise.
 2. All levels and chainage in metres. All levels refer to Malin Head Datum.



Plan
Scale 1:250 @ A1
1:500 @ A3



East Elevation
SCALE 1:250 @ A1
SCALE 1:500 @ A3

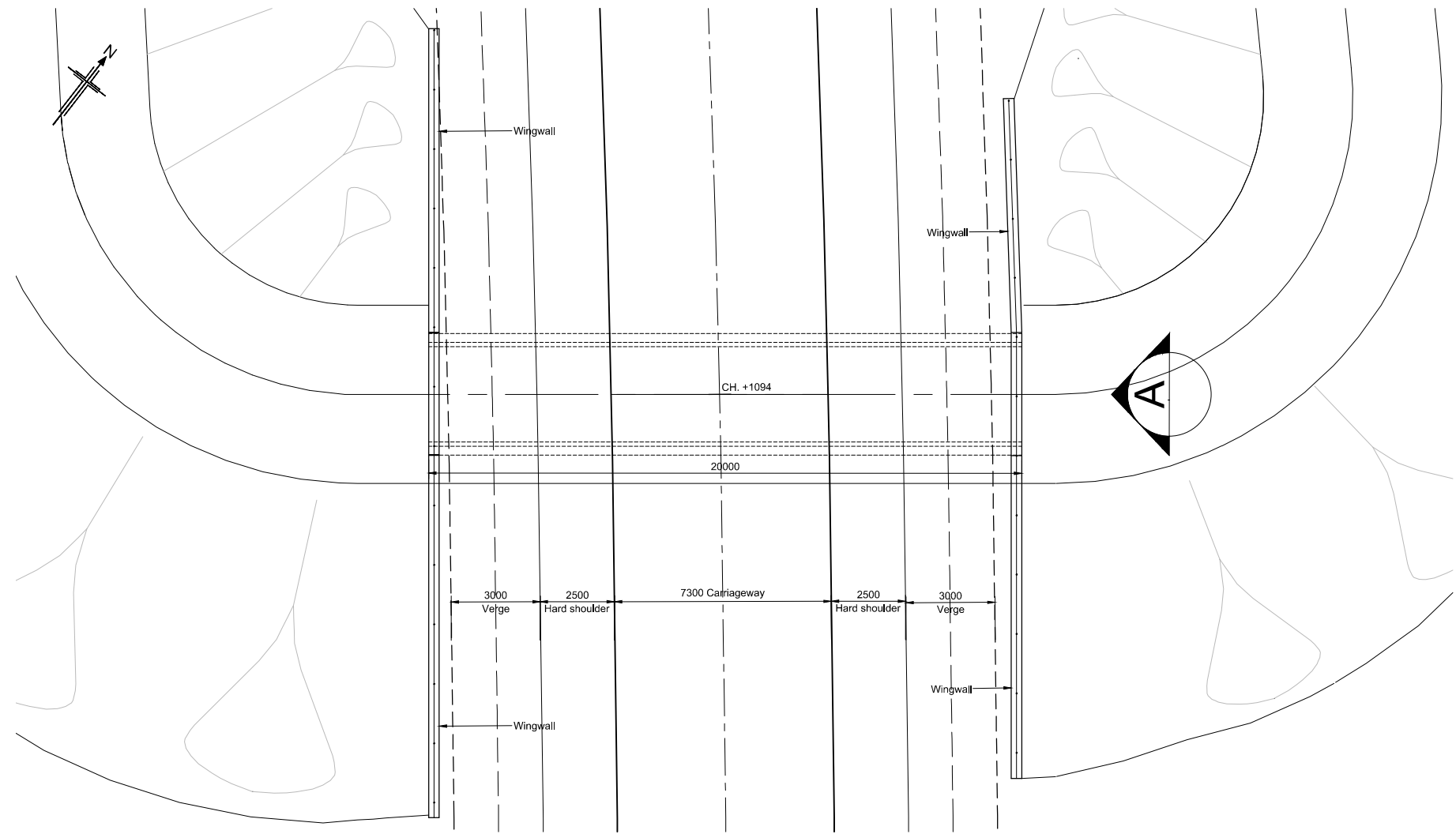
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



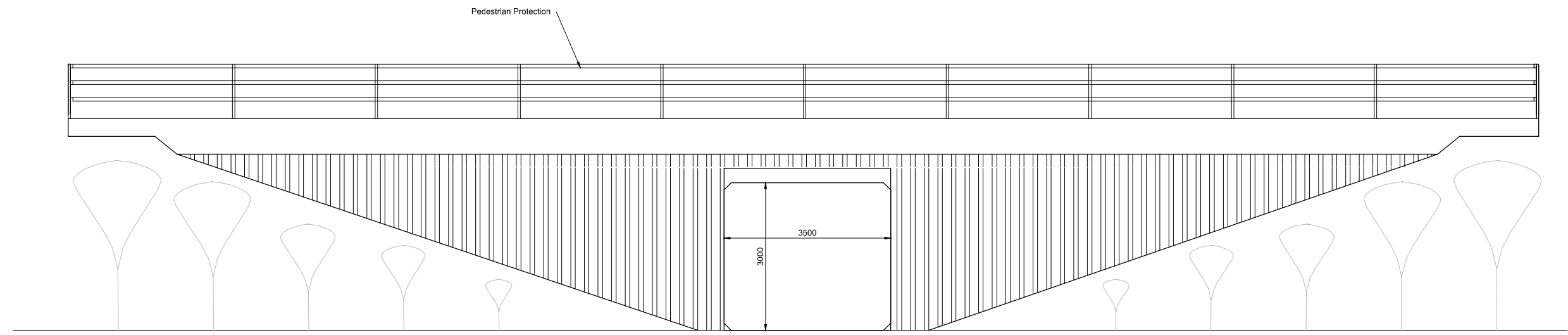
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	River Feale Bridge General Arrangement
Designed:	JTM
Drawn:	JTM
Checked:	GMH
File Name:	As shown @ A1
Original scales:	As shown @ A1
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.28

- Notes:
1. All dimensions are in millimetres unless noted otherwise.
 2. All levels and chainage in metres. All levels refer to Malin Head Datum.



PLAN
SCALE 1 : 100 @ A1
SCALE 1 : 200 @ A3



ELEVATION A
SCALE 1 : 50 @ A1
SCALE 1 : 100 @ A3

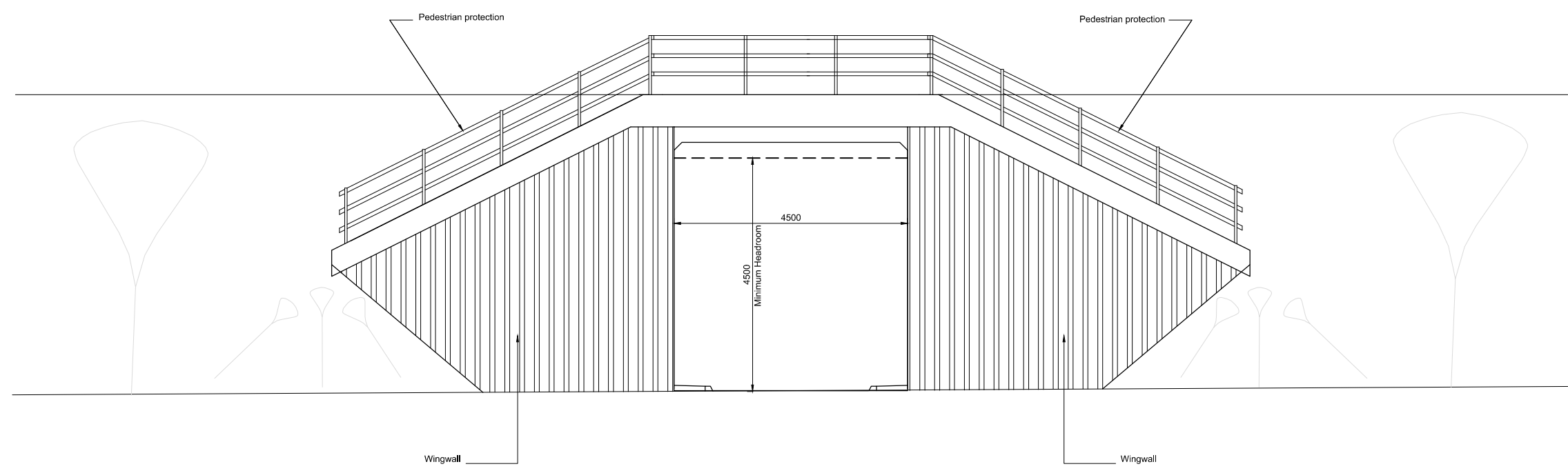
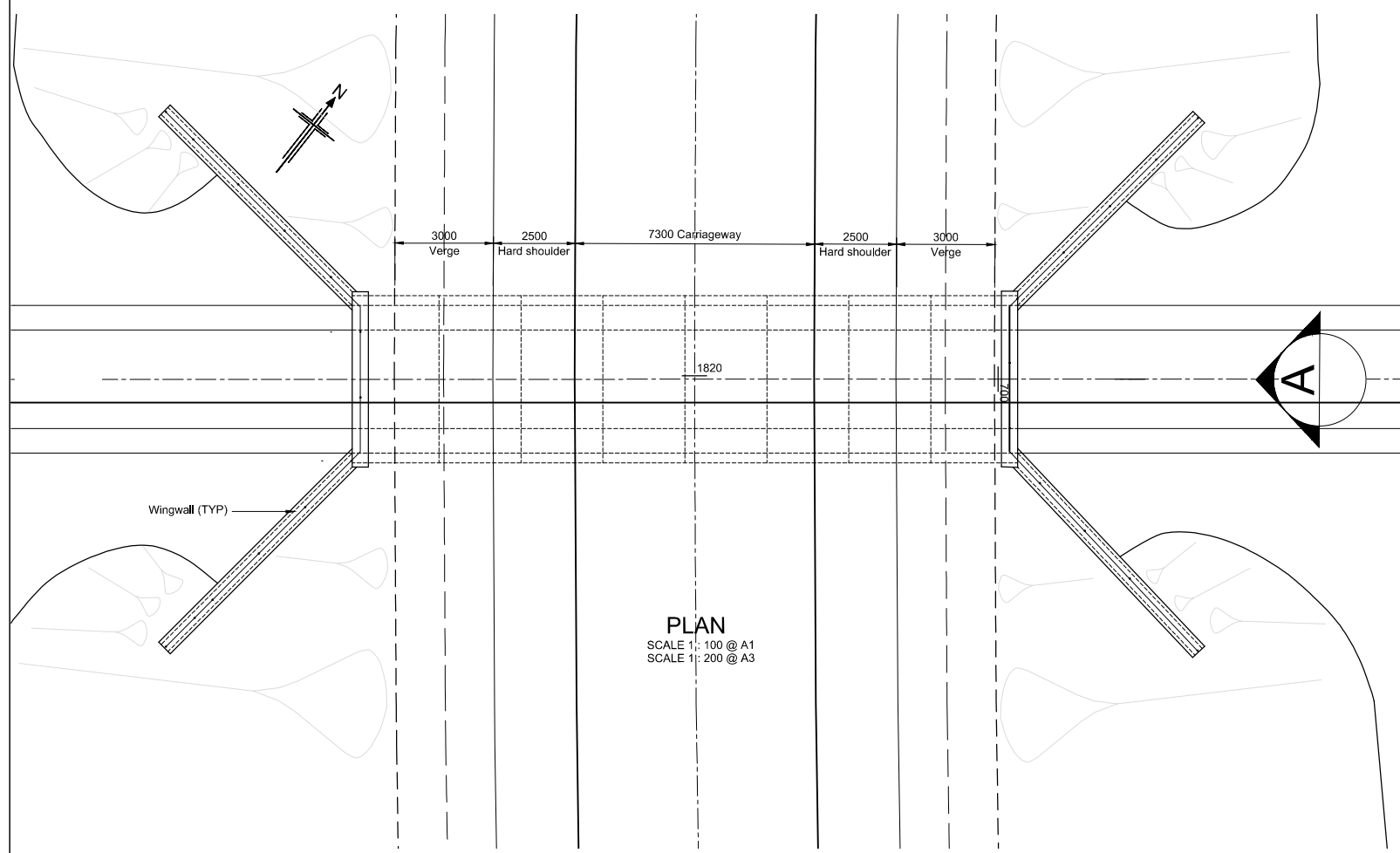
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Structure ST11 General Arrangement
Design: JTM	File Name:
Draw: MW	Original scales: As shown @ A1
Check: GMH	Date: April 2017
Drawing No. 32105301/EIS/Fig 2.1.29	

- Notes:
1. All dimensions are in millimetres unless noted otherwise.
 2. All levels and chainage in metres. All levels refer to Malin Head Datum.



ELEVATION A
SCALE 1: 50 @ A1
SCALE 1: 100 @ A3

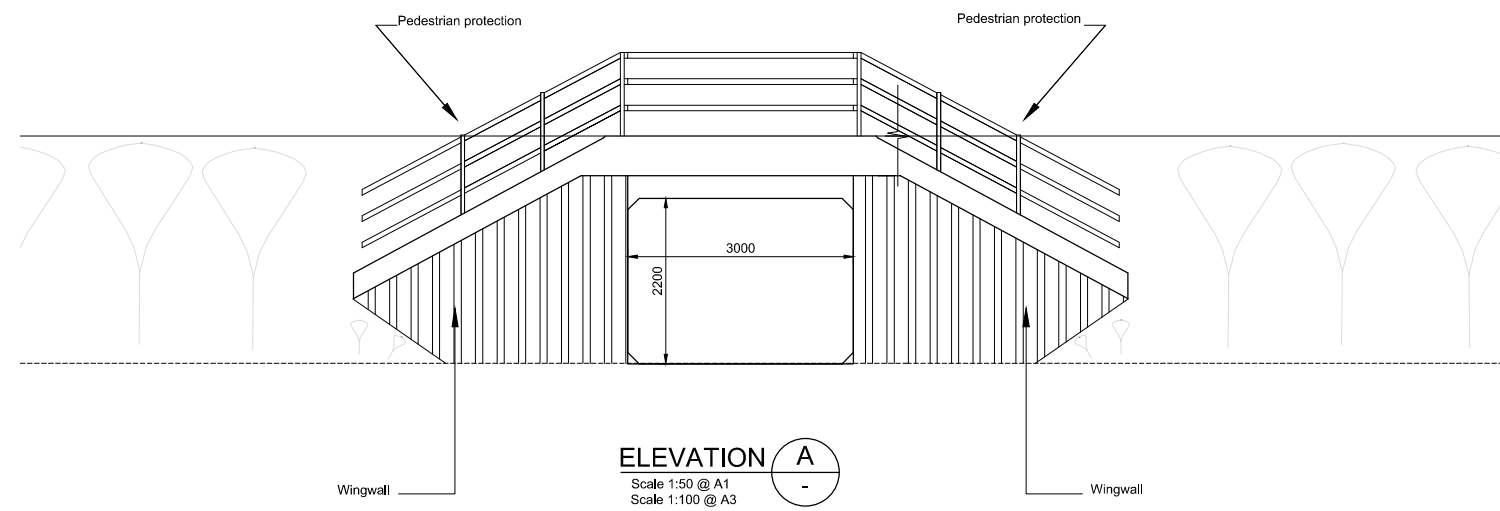
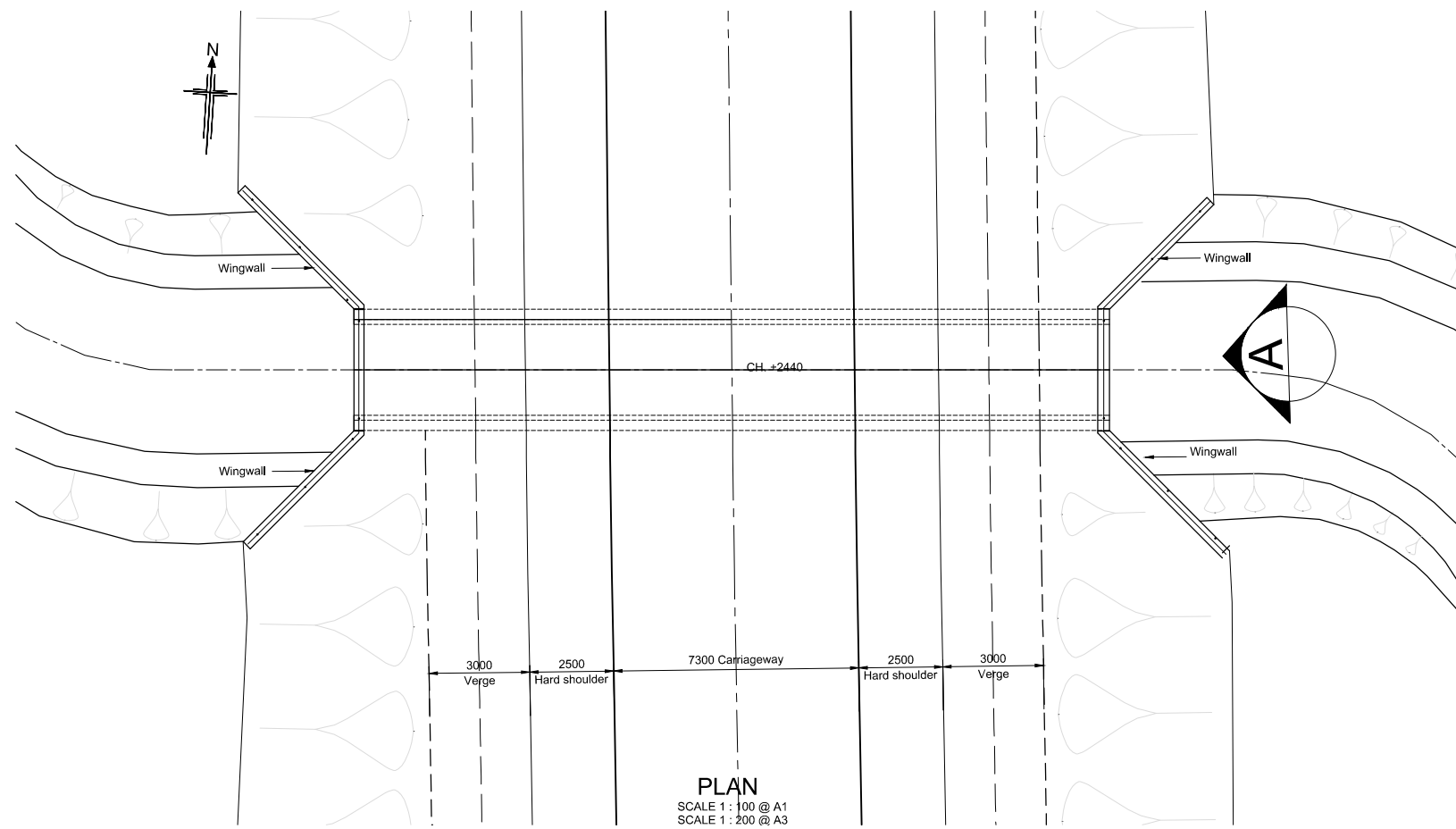
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Structure ST18 General Arrangement
Designed:	JTM
Drawn:	MW
Checked:	GMH
File Name:	As shown @ A1
Original scales:	As shown @ A1
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.30

- Notes:
1. All dimensions are in millimetres unless noted otherwise.
 2. All levels and chainage in metres. All levels refer to Malin Head Datum.



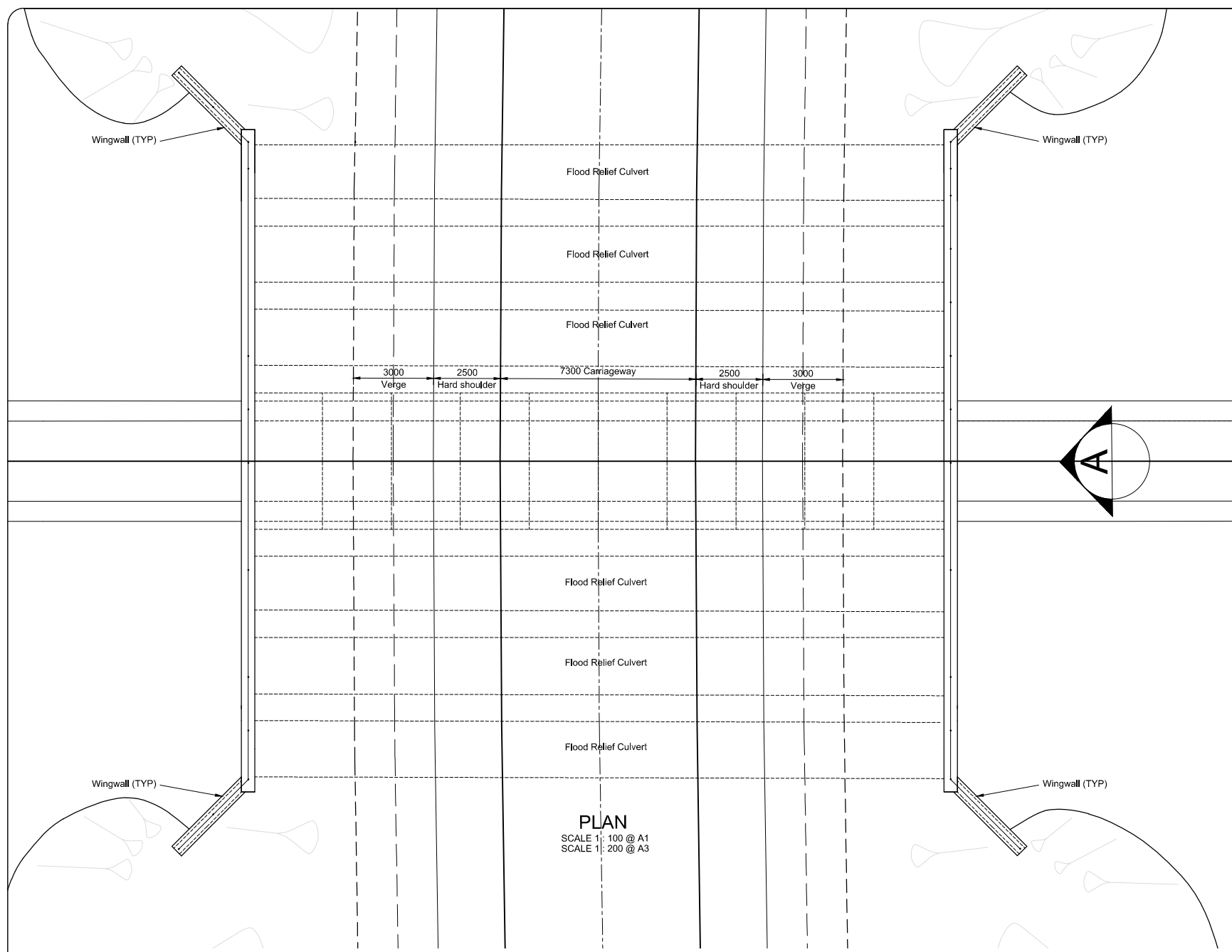
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



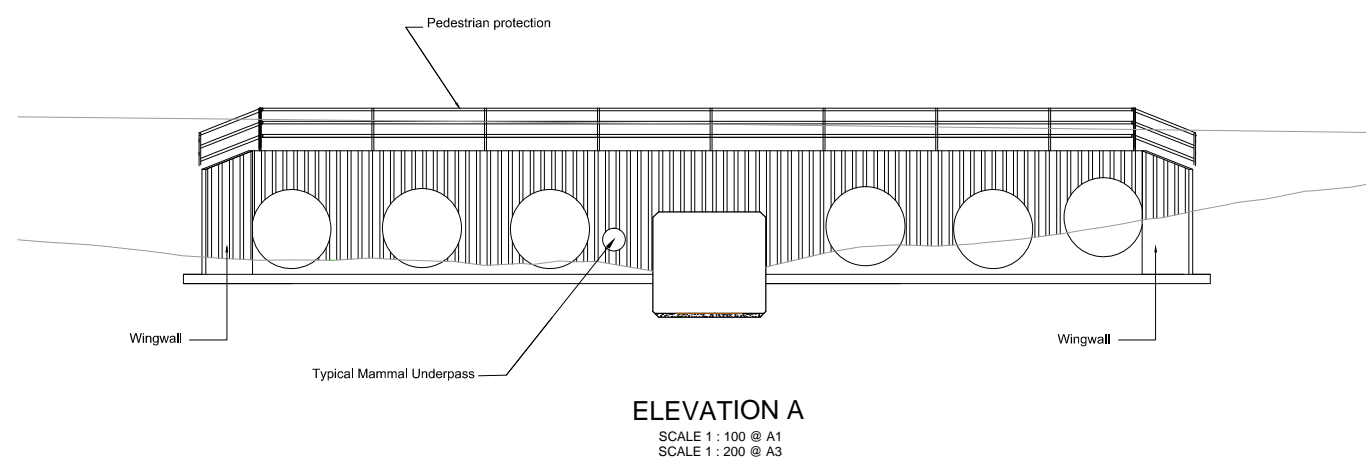
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS		
Component:	Environmental Impact Statement		
Title:	Structure ST24 General Arrangement		
Designed:	JTM	File Name:	As shown @ A1
Drawn:	MW	Original scales:	As shown @ A1
Checked:	GMH	Date:	April 2017
Drawing No.			32105301/EIS/Fig 2.1.31

Notes:
1. All dimensions are in millimetres unless noted otherwise.
2. All levels and chainage in metres. All levels refer to Malin Head Datum.



Crossing	Structure Number	Approximate Mainline Chainage (m)	Dimensions (m)
Ballygrenane Stream	ST13	1,270	2.1Ø Pipe
Stream	ST14	1,390	2.1Ø Pipe
Flood Relief	ST14A	1,395	2.1Ø Pipe
Stream	ST15	1,525	2.1Ø Pipe
Flood Relief	ST15A	1,530	2.1Ø Pipe
Flood Relief	ST15B	1,535	2.1Ø Pipe
Flood Relief	ST15C	1,540	2.1Ø Pipe
Flood Relief	ST27A	2,660	2.1Ø Pipe
Flood Relief	ST27B	2,663	2.1Ø Pipe
Flood Relief	ST27C	2,668	2.1Ø Pipe
Mill Stream Lower	ST27	2,670	3.0 x 2.8 Box
Flood Relief	ST27D	2,672	2.1Ø Pipe
Flood Relief	ST27E	2,677	2.1Ø Pipe
Flood Relief	ST27F	2,680	2.1Ø Pipe
Mill Stream Upper	ST39	3,880	2.1 x 2.3 Box



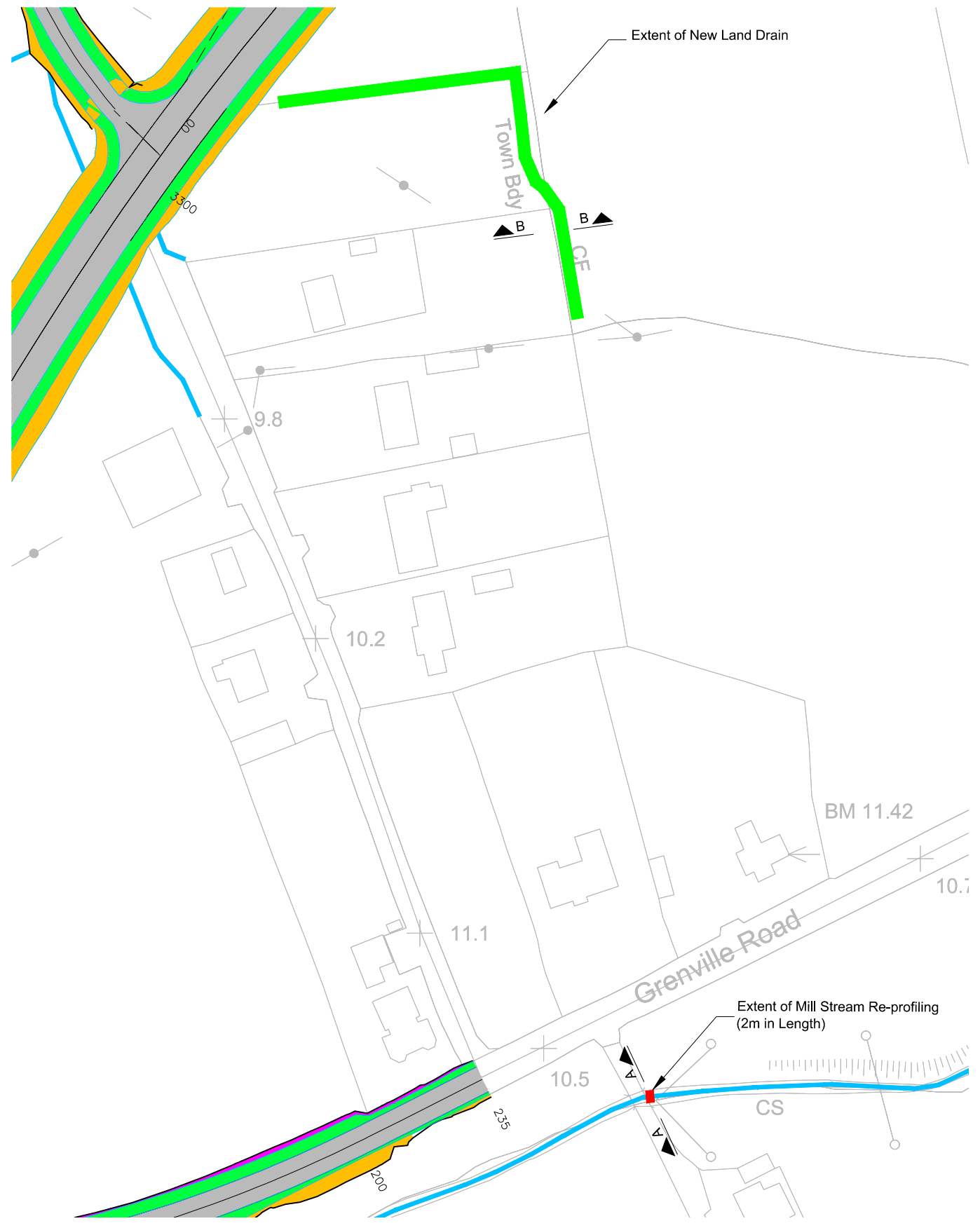
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



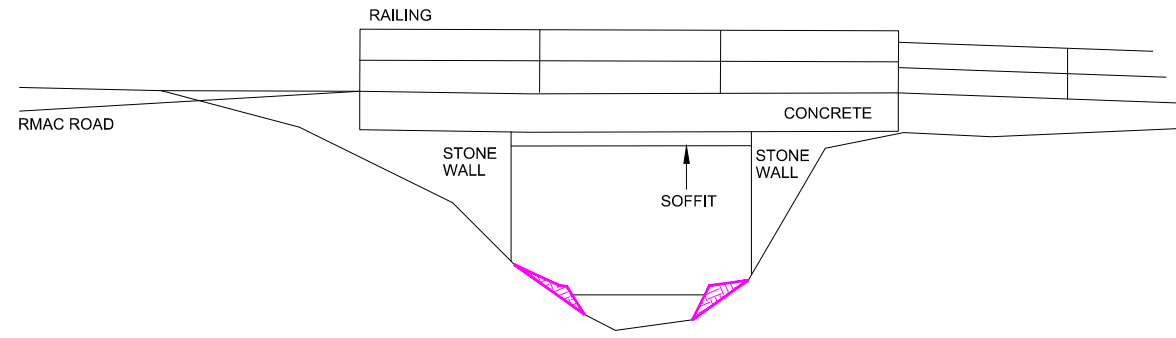
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Culvert Typical Arrangement
Designed:	JTM
Drawn:	MW
Checked:	GMH
File Name:	As shown @ A1
Original scales:	As shown @ A1
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 2.1.32

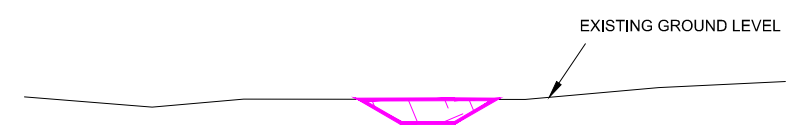
- Legend:**
- Existing Mill Stream
 - Proposed Mill Stream Re-profiling
 - Proposed Land Drain Re-profiling
 - ▭ Extent of Proposed Mill Stream / Land Drain Re-profiling



LOCATION OF PROPOSED FLOOD MITIGATION WORKS TO MILL STREAM AND LAND DRAIN



SECTION A
NTS



SECTION B
NTS

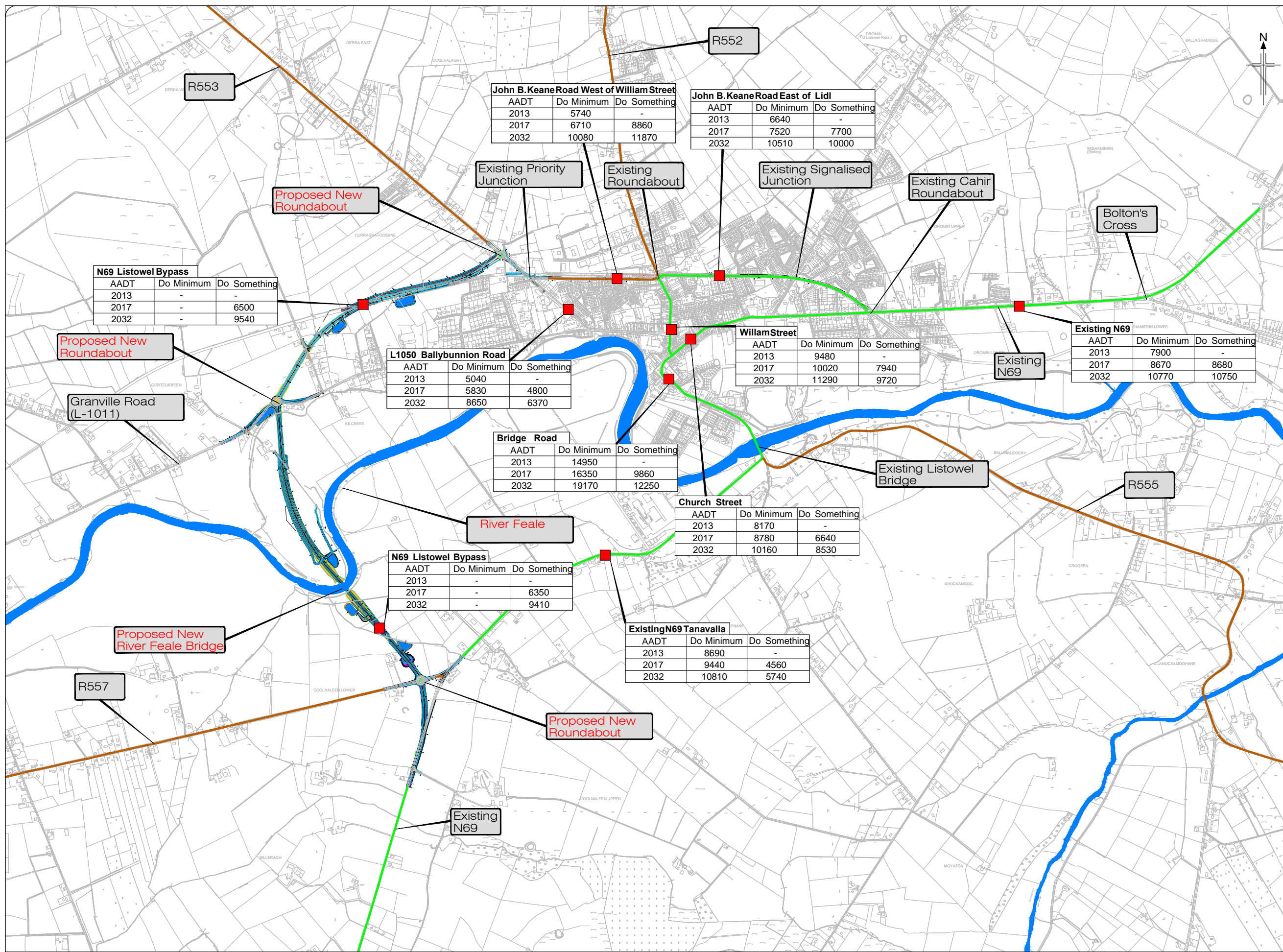
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Mill Stream and Land Drain Flood Mitigation	
Designed: JTM	File Name: 32105301/EIS/Fig 2.1.33
Drawn: JTM	Original scales: NTS
Checked: AMcG	Date: April 2017

- Legend:**
- AADT Location
 - New Road Construction
 - Existing N69
 - Regional Roads



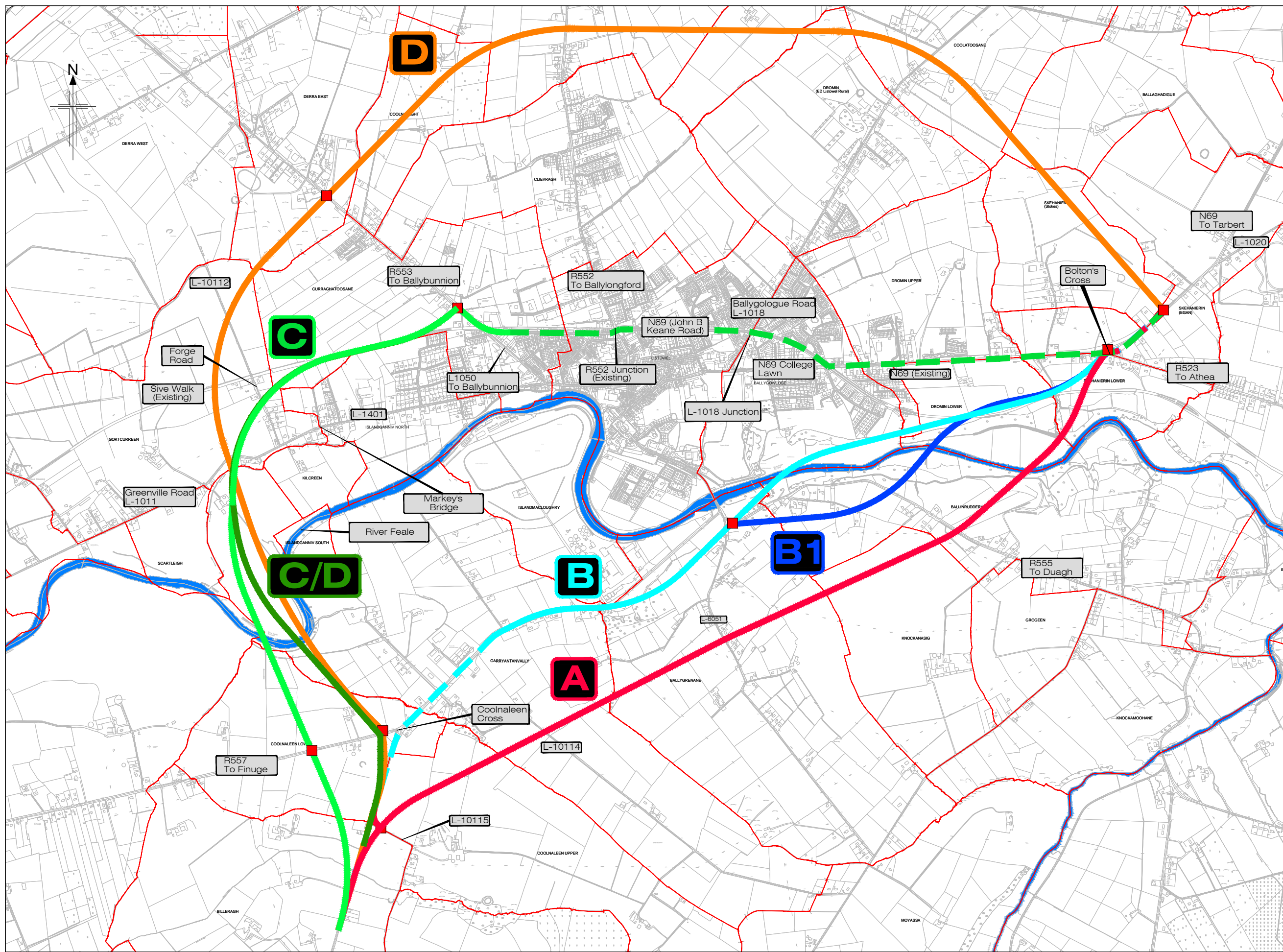
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Traffic Figures - Do Something
Drawn:	SK
Checked:	AM
File Name:	1:10,000 @ A1 1:20,000 @ A3
Original scales:	
Date:	

- Legend:**
- Indicative Proposed New Junction
 - Indicative Route Option
 - Online Upgrade to Existing Road





All details shown on this drawing are indicative only and are subject to development at detailed design stage.

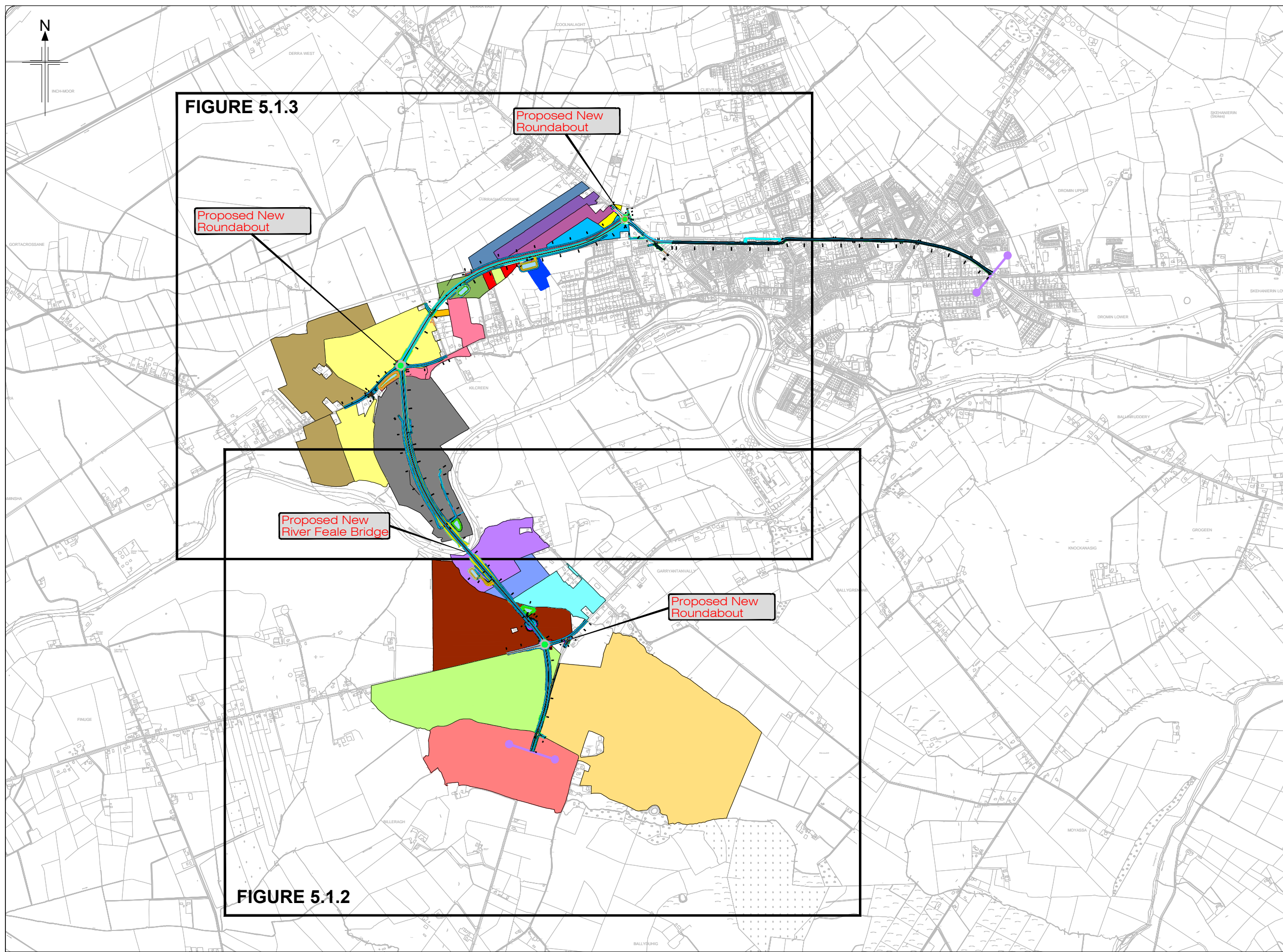


Rev	By	Date	Description
A	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Route Options
Designer:	JTM
Drawn:	JTM
Checked:	AM
File Name:	
Original scales:	1:10,000 @ A1 1:20,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 3.1.1

Legend:

-  Scheme Terminus Locations
-  Proposed Development







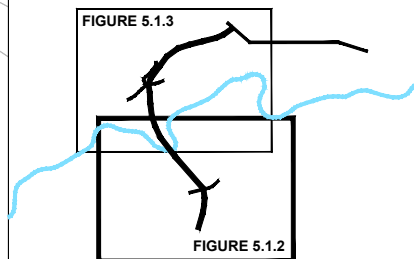
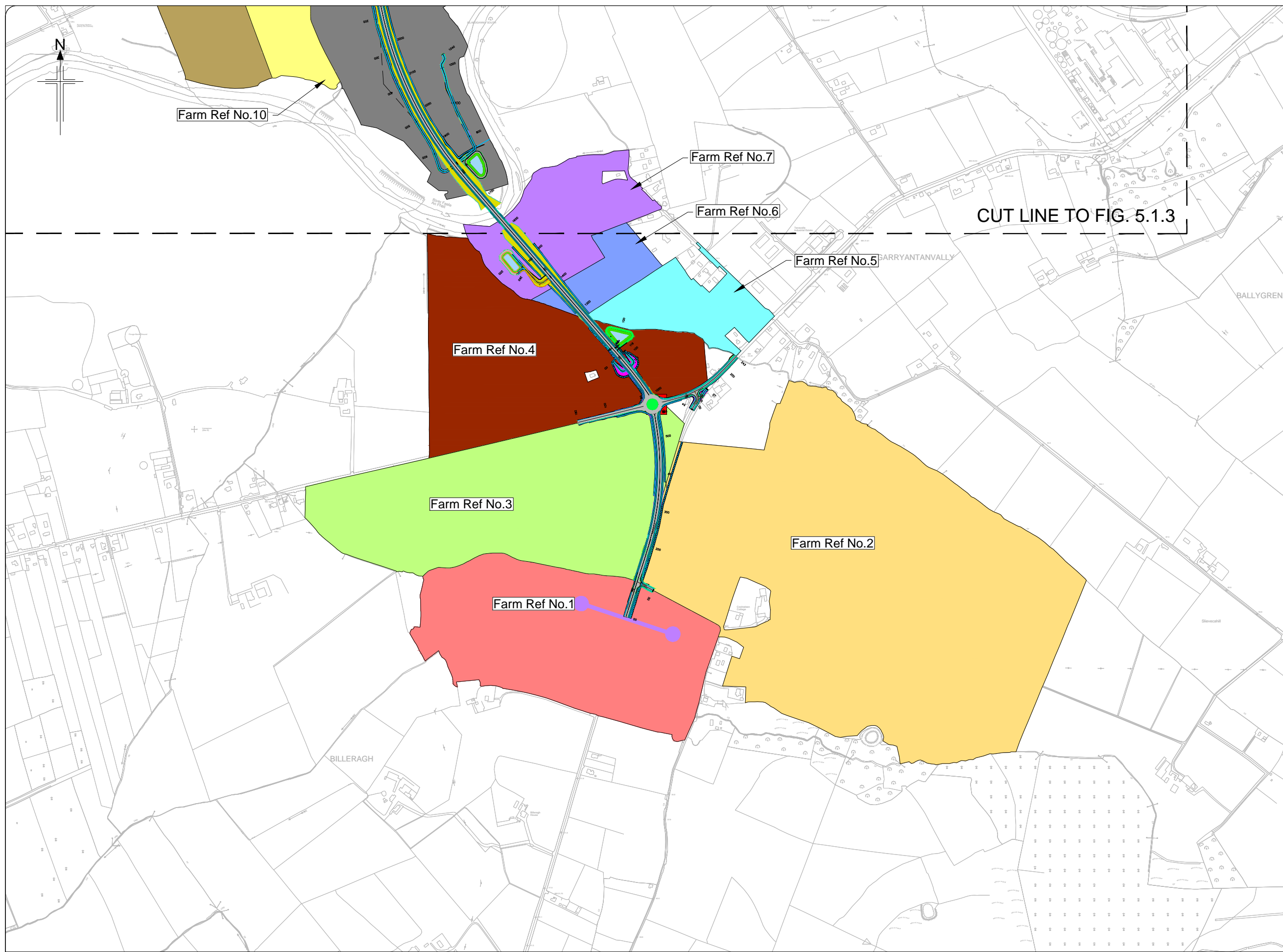
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Landowner Plots - Sheet 1 of 3	
Design: JTM	File Name:
Draw: LG	Original scales: 1:10,000 @ A1
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 5.1.1	

- Legend:**
-  Scheme Terminus Locations
 -  New Road Element on Embankment
 -  New Road Element in Cutting
 -  Attenuation Pond/Wetland







KEY PLAN

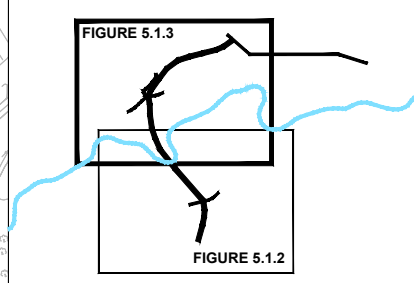
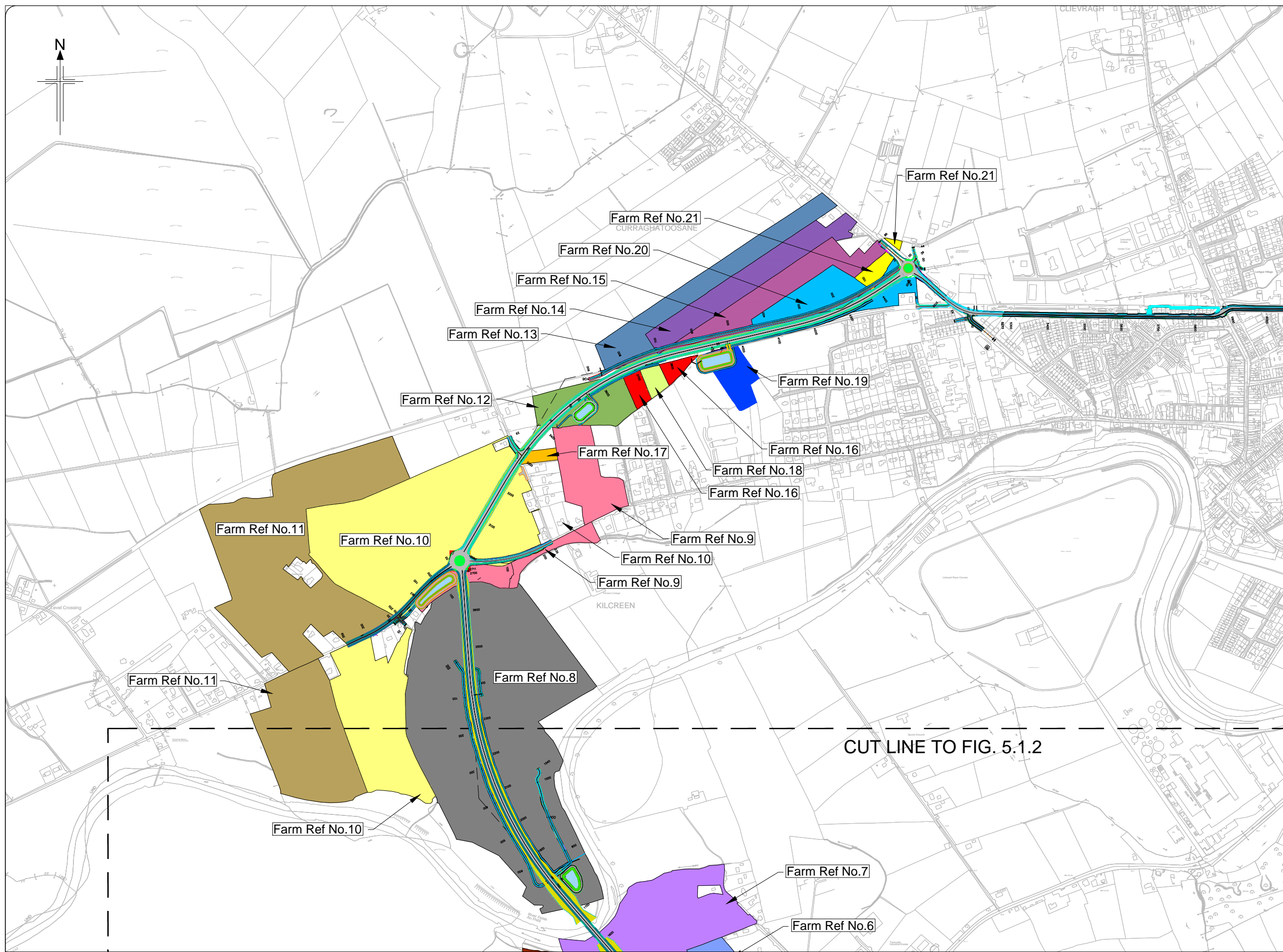
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Landowner Plots - Sheet 2 of 3
Design: OD	File Name:
Draw: LG	Original scales: 1:5,000 @ A1 1:10,000 @ A3
Check: AM	Date: DEC 2015
Drawing No: 32105301/EIS/Fig 5.1.2	

- Legend:**
-  Scheme Terminus Locations
 -  New Road Element on Embankment
 -  New Road Element in Cutting
 -  Attenuation Pond/Wetland



KEY PLAN

All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

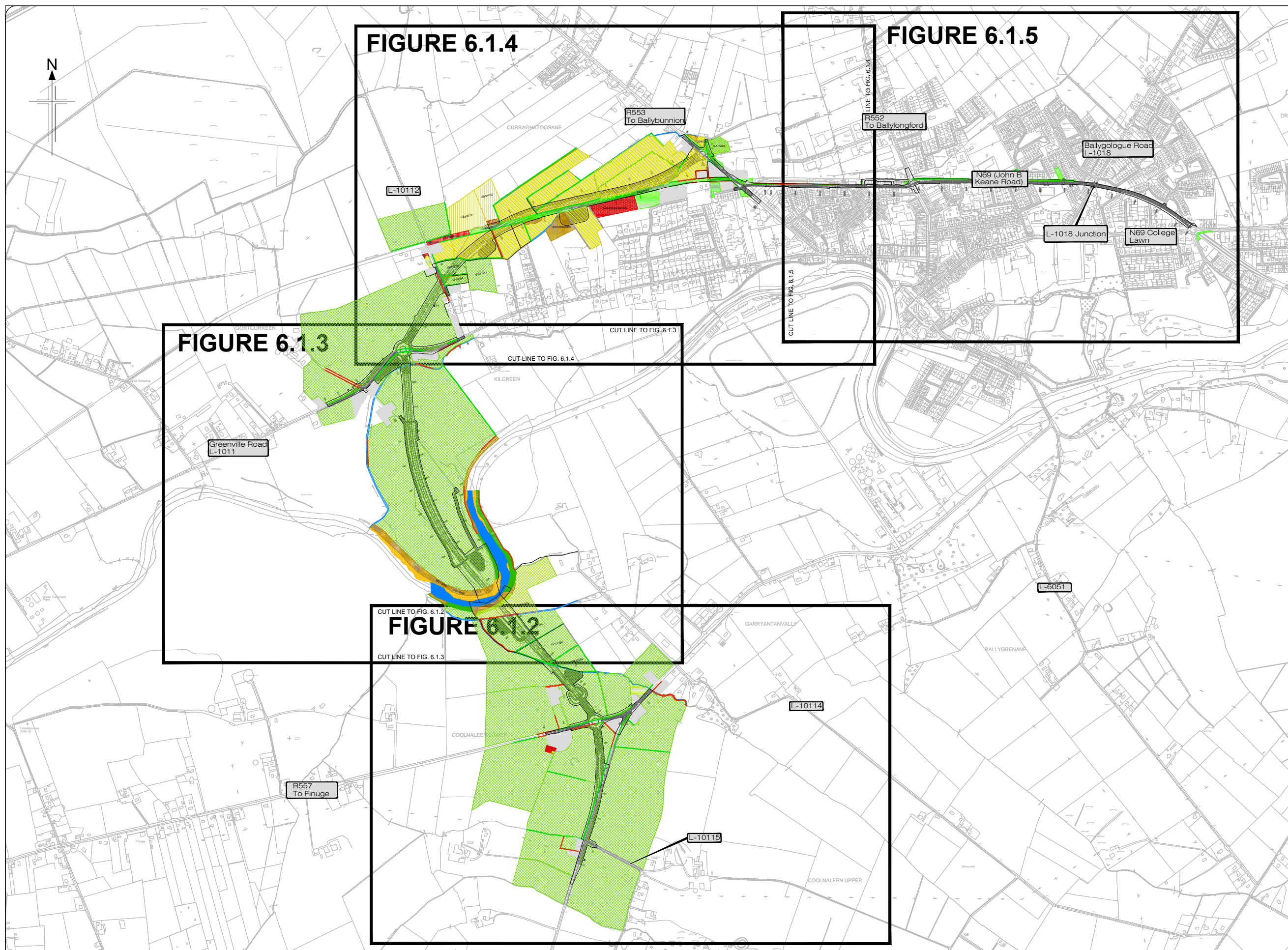
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Component:	Environmental Impact Statement
Title:	Landowner Plots - Sheet 3 of 3
Drawn:	LG
Checked:	AM
File Name:	1:5,000 @ A1 1:10,000 @ A3
Date:	DEC 2015
Drawing No.:	32105301/EIS/Fig 5.1.3

FIGURE 6.1.4

FIGURE 6.1.5

FIGURE 6.1.3

FIGURE 6.1.2



- Legend:**
- Proposed Development
 - Buildings and Artificial Surfaces - (BL3); including amenity grassland and ornamental planting in residential gardens (GA2/WS3)
 - Exposed Sand, Gravel or Till/Reed and Large Sedge Swamp - (ED1/FS1)
 - Spoil and Bare Ground/Recolonising Bare Ground - (ED2/ED3)
 - Improved Agricultural Grassland - (GA1)
 - Amenity Grassland (improved) - (GA2)
 - Immature Woodland - (WS2)
 - Dry Meadows and Grassy Verges - (GS2)
 - Dry-humid Acid Grassland - (GS3)
 - Wet Grassland - (GS4)
 - Riparian Woodland - (WN5)
 - Wet Willow-Alder-Ash Woodland - (WN6)
 - Scrub - (WS1)
 - Hedgerow - (WL1)
 - Treeline - (WL2)
 - Earth Banks - (BL2)
 - Eroding/Upland River - (FW1)
 - Lowland Depositing River - (FW2)
 - Drainage Ditch - (FW4)



All details shown on this drawing are indicative only and are subject to development at detailed design stage.

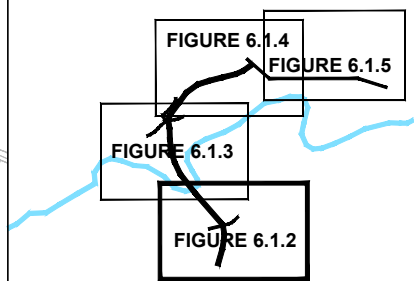
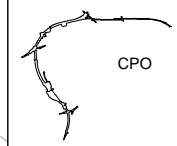


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Habitat Map - Sheet 1 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.1	

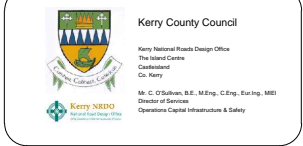


- Legend:**
- Proposed Development
 - Buildings and Artificial Surfaces - (BL3); including amenity grassland and ornamental planting in residential gardens (GA2/WS3)
 - Exposed Sand, Gravel or Till/Reed and Large Sedge Swamp - (ED1/FS1)
 - Spoil and Bare Ground/Recolonising Bare Ground - (ED2/ED3)
 - Improved Agricultural Grassland - (GA1)
 - Amenity Grassland (improved) - (GA2)
 - Immature Woodland - (WS2)
 - Dry Meadows and Grassy Verges - (GS2)
 - Dry-humid Acid Grassland - (GS3)
 - Wet Grassland - (GS4)
 - Riparian Woodland - (WN5)
 - Wet Willow-Alder-Ash Woodland - (WN6)
 - Scrub - (WS1)
 - Hedgerow - (WL1)
 - Treeline - (WL2)
 - Earth Banks - (BL2)
 - Eroding/Upland River - (FW1)
 - Lowland Depositing River - (FW2)
 - Drainage Ditch - (FW4)



KEY PLAN

All details shown on this drawing are indicative only and are subject to development at detailed design stage.






















Rev	By	Date	Description
0	JTM	April 2017	For Publication

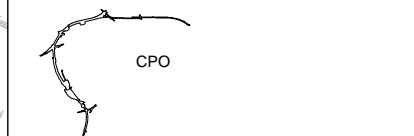
Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Habitat Map - Sheet 2 of 5	
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.2	

CUT LINE TO FIG. 6.1.4

KILCREEN

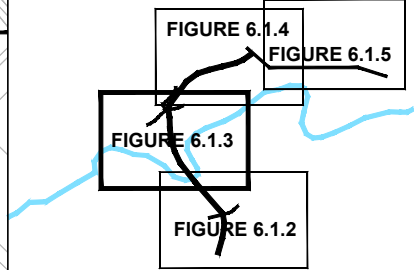
Greenville Road
L-1011

- Legend:**
-  Proposed Development
 -  Buildings and Artificial Surfaces - (BL3); including amenity grassland and ornamental planting in residential gardens (GA2/WS3)
 -  Exposed Sand, Gravel or Till/Reed and Large Sedge Swamp - (ED1/FS1)
 -  Spoil and Bare Ground/Recolonising Bare Ground - (ED2/ED3)
 -  Improved Agricultural Grassland - (GA1)
 -  Amenity Grassland (improved) - (GA2)
 -  Immature Woodland - (WS2)
 -  Dry Meadows and Grassy Verges - (GS2)
 -  Dry-humid Acid Grassland - (GS3)
 -  Wet Grassland - (GS4)
 -  Riparian Woodland - (WN5)
 -  Wet Willow-Alder-Ash Woodland - (WN6)
 -  Scrub - (WS1)
 -  Hedgerow - (WL1)
 -  Treeline - (WL2)
 -  Earth Banks - (BL2)
 -  Eroding/Upland River - (FW1)
 -  Lowland Depositing River - (FW2)
 -  Drainage Ditch - (FW4)



CUT LINE TO FIG. 6.1.2

CUT LINE TO FIG. 6.1.3






















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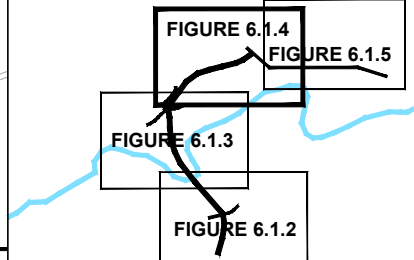


Rev	By	Date	Description
0	JTM	April 2017	For Publication

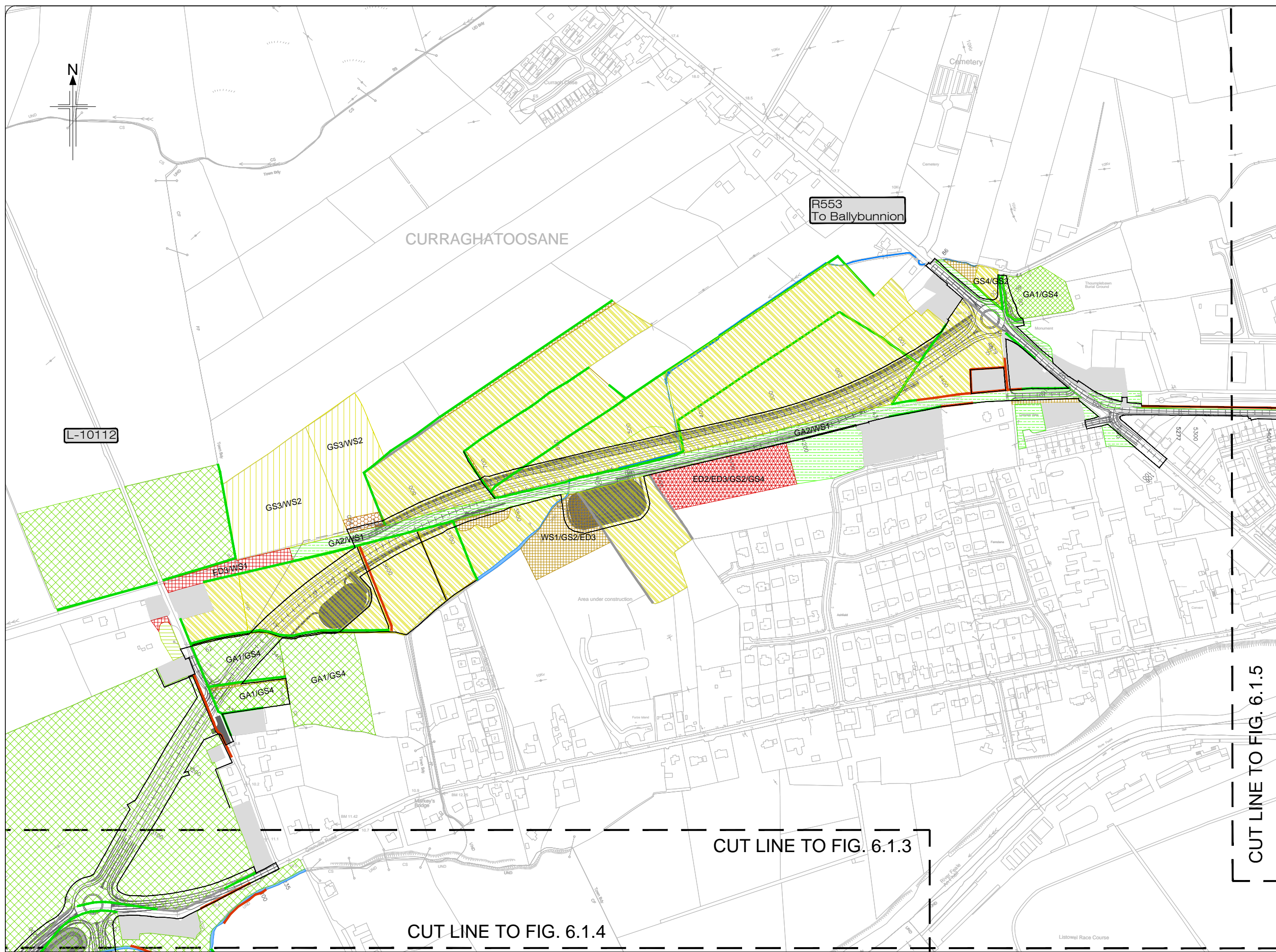
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Component:	Environmental Impact Statement	Original scales:	1:2,500 @ A1 1:5,000 @ A3
Title:	Habitat Map - Sheet 3 of 5	Date:	April 2017
Design:	AS	Checked:	AM
Drawn:	MW		

Legend:

-  Proposed Development
-  Buildings and Artificial Surfaces - (BL3); including amenity grassland and ornamental planting in residential gardens (GA2/WS3)
-  Exposed Sand, Gravel or Till/Reed and Large Sedge Swamp - (ED1/FS1)
-  Spoil and Bare Ground/Recolonising Bare Ground - (ED2/ED3)
-  Improved Agricultural Grassland - (GA1)
-  Amenity Grassland (improved) - (GA2)
-  Immature Woodland - (WS2)
-  Dry Meadows and Grassy Verges - (GS2)
-  Dry-humid Acid Grassland - (GS3)
-  Wet Grassland - (GS4)
-  Riparian Woodland - (WN5)
-  Wet Willow-Alder-Ash Woodland - (WN6)
-  Scrub - (WS1)
-  Hedgerow - (WL1)
-  Treeline - (WL2)
-  Earth Banks - (BL2)
-  Eroding/Upland River - (FW1)
-  Lowland Depositing River - (FW2)
-  Drainage Ditch - (FW4)


















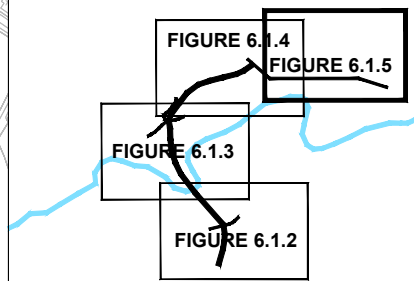
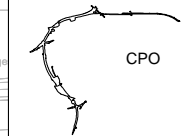
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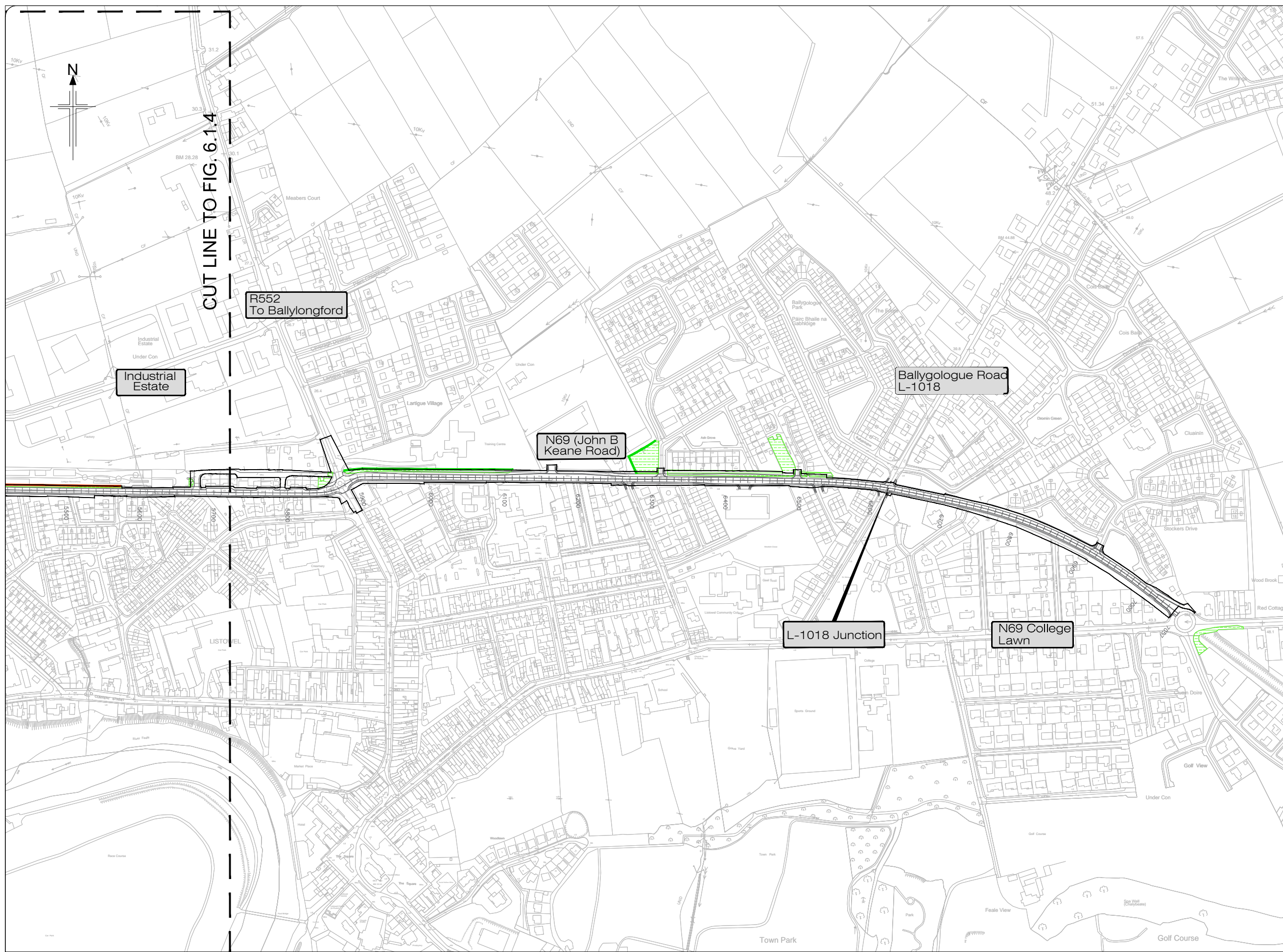
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Habitat Map - Sheet 4 of 5
Design:	AS
Drawn:	MW
Checked:	AM
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 6.1.4

- Legend:**
-  Proposed Development
 -  Buildings and Artificial Surfaces - (BL3); including amenity grassland and ornamental planting in residential gardens (GA2/WS3)
 -  Exposed Sand, Gravel or Till/Reed and Large Sedge Swamp - (ED1/FS1)
 -  Spoil and Bare Ground/Recolonising Bare Ground - (ED2/ED3)
 -  Improved Agricultural Grassland - (GA1)
 -  Amenity Grassland (improved) - (GA2)
 -  Immature Woodland - (WS2)
 -  Dry Meadows and Grassy Verges - (GS2)
 -  Dry-humid Acid Grassland - (GS3)
 -  Wet Grassland - (GS4)
 -  Riparian Woodland - (WN5)
 -  Wet Willow-Alder-Ash Woodland - (WN6)
 -  Scrub - (WS1)
 -  Hedgerow - (WL1)
 -  Treeline - (WL2)
 -  Earth Banks - (BL2)
 -  Eroding/Upland River - (FW1)
 -  Lowland Depositing River - (FW2)
 -  Drainage Ditch - (FW4)








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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Habitat Map - Sheet 5 of 5
Drawn:	MW
Checked:	AM
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 6.1.5

- Legend:**
-  Proposed Development
 -  Japanese knotweed *Fallopia japonica*
 -  Spanish bluebell *Hyacinthoides hispanica*
 -  Three-cornered garlic *Allium triquetrum*
 -  Himalayan balsam *Impatiens glandiflora*

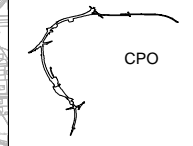
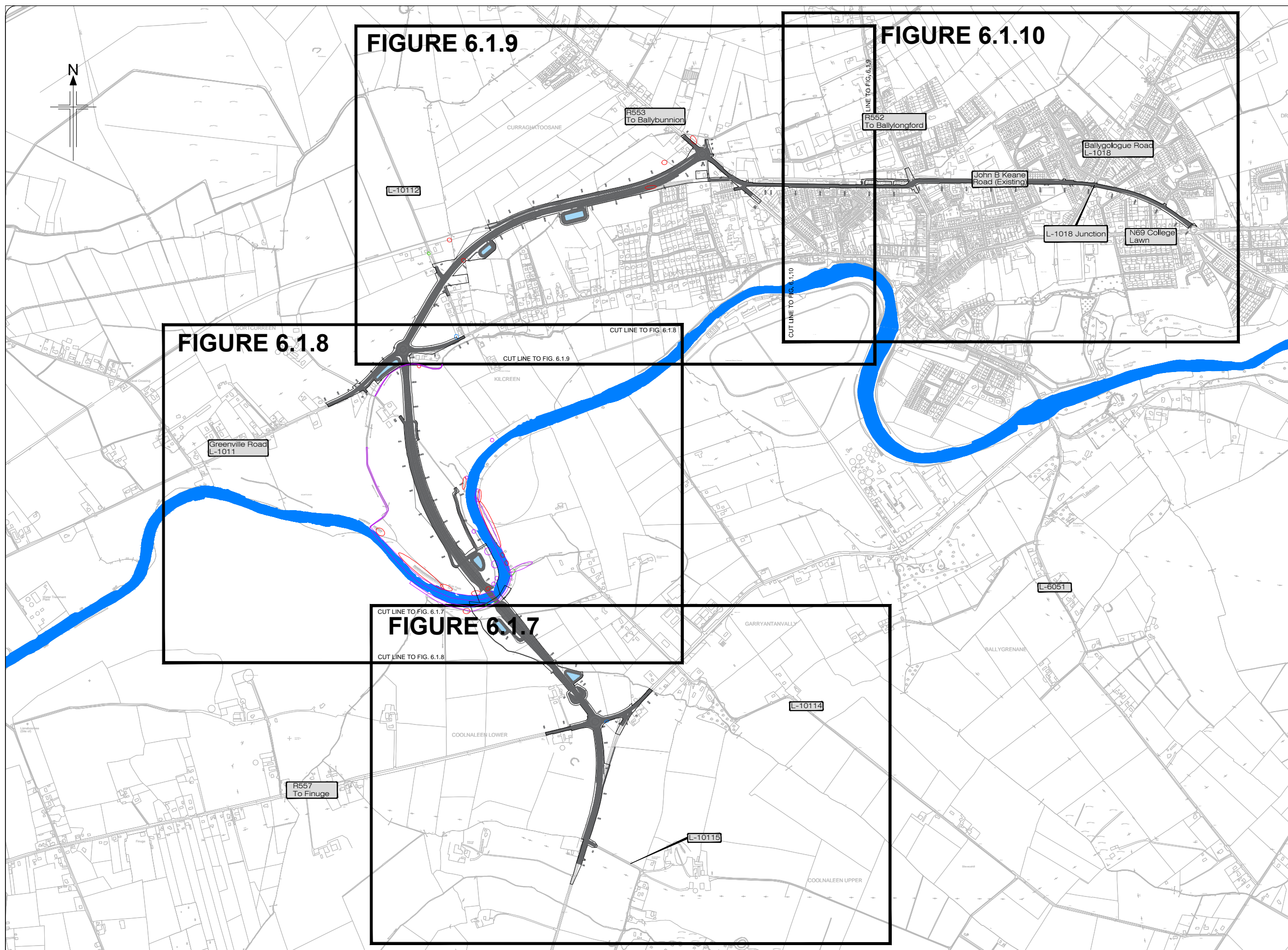


FIGURE 6.1.9

FIGURE 6.1.10

FIGURE 6.1.8

FIGURE 6.1.7








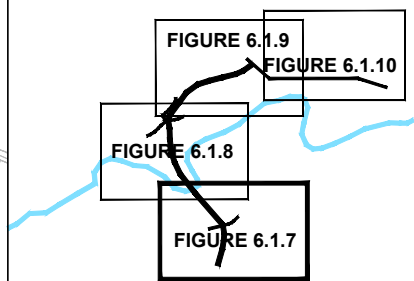
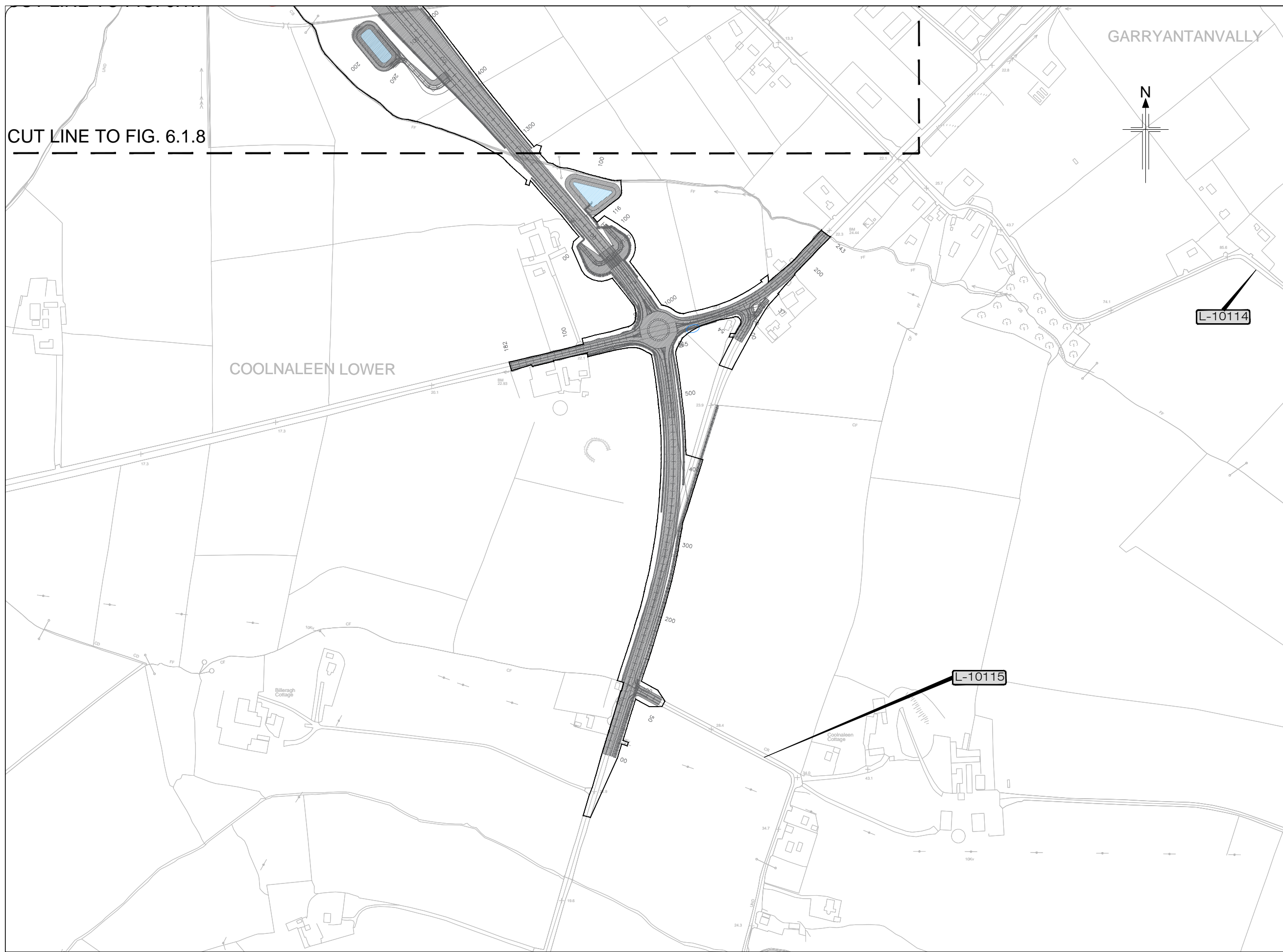
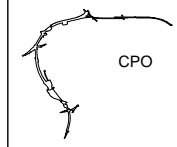
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Invasive Species - Sheet 1 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Check: AM	Date: April 2017
	Drawing No: 32105301/EIS/FIG 6.1.6

- Legend:**
-  Proposed Development
 -  Japanese knotweed *Fallopia japonica*
 -  Spanish bluebell *Hyacinthoides hispanica*
 -  Three-cornered garlic *Allium triquetrum*
 -  Himalayan balsam *Impatiens glandiflora*



KEY PLAN






All details shown on this drawing are indicative only and are subject to development at detailed design stage.

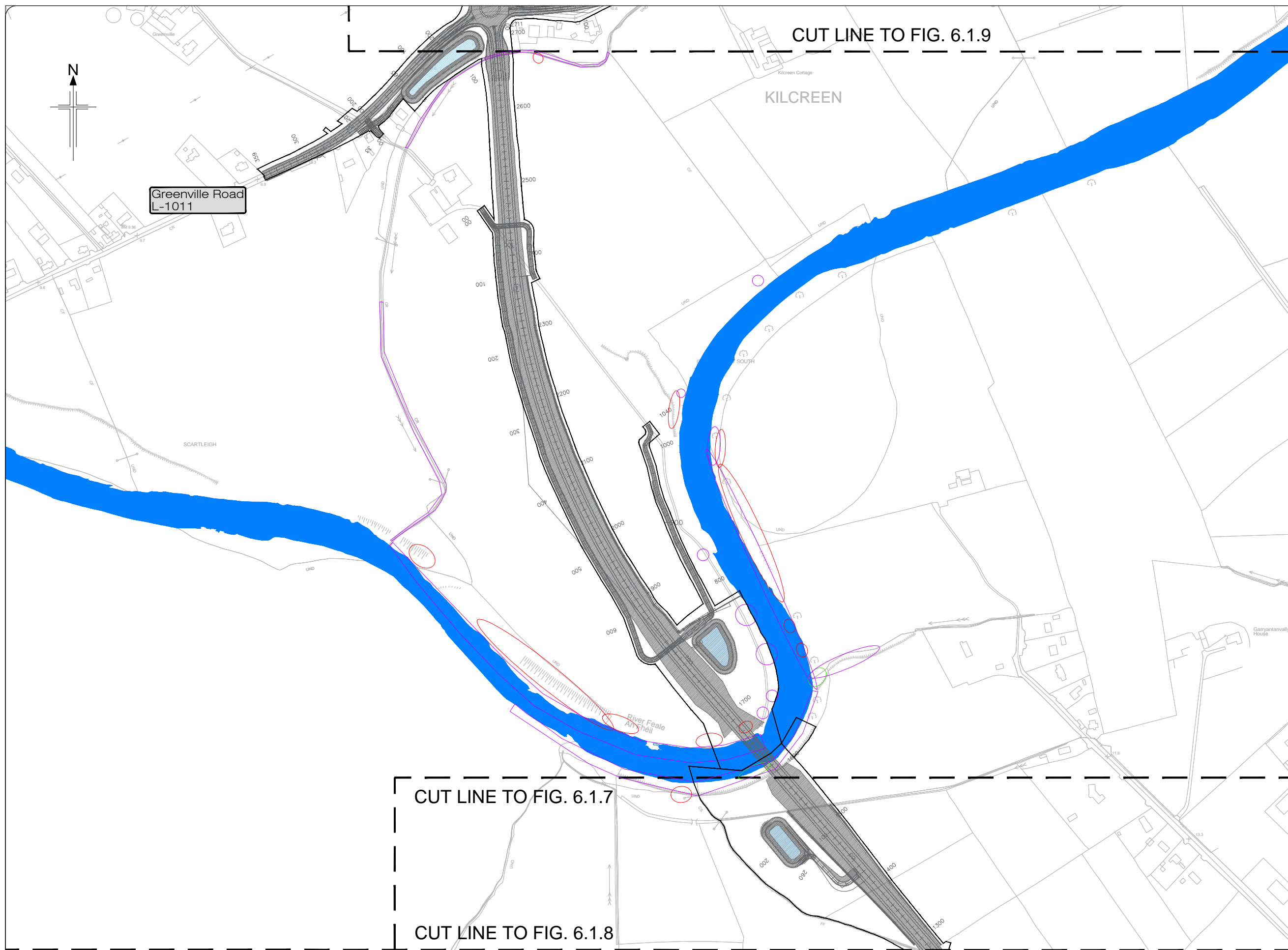
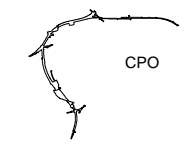


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Invasive Species - Sheet 2 of 5
Design:	AS
Draw:	MW
Check:	AM
File Name:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 6.1.7

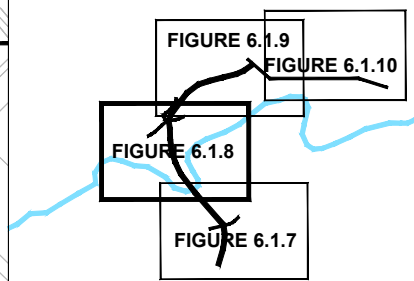
CUT LINE TO FIG. 6.1.9

- Legend:**
-  Proposed Development
 -  Japanese knotweed *Fallopia japonica*
 -  Spanish bluebell *Hyacinthoides hispanica*
 -  Three-cornered garlic *Allium triquetrum*
 -  Himalayan balsam *Impatiens glandiflora*



CUT LINE TO FIG. 6.1.7

CUT LINE TO FIG. 6.1.8








KEY PLAN

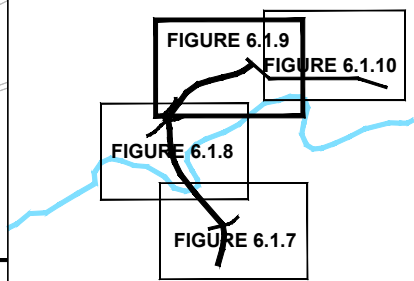
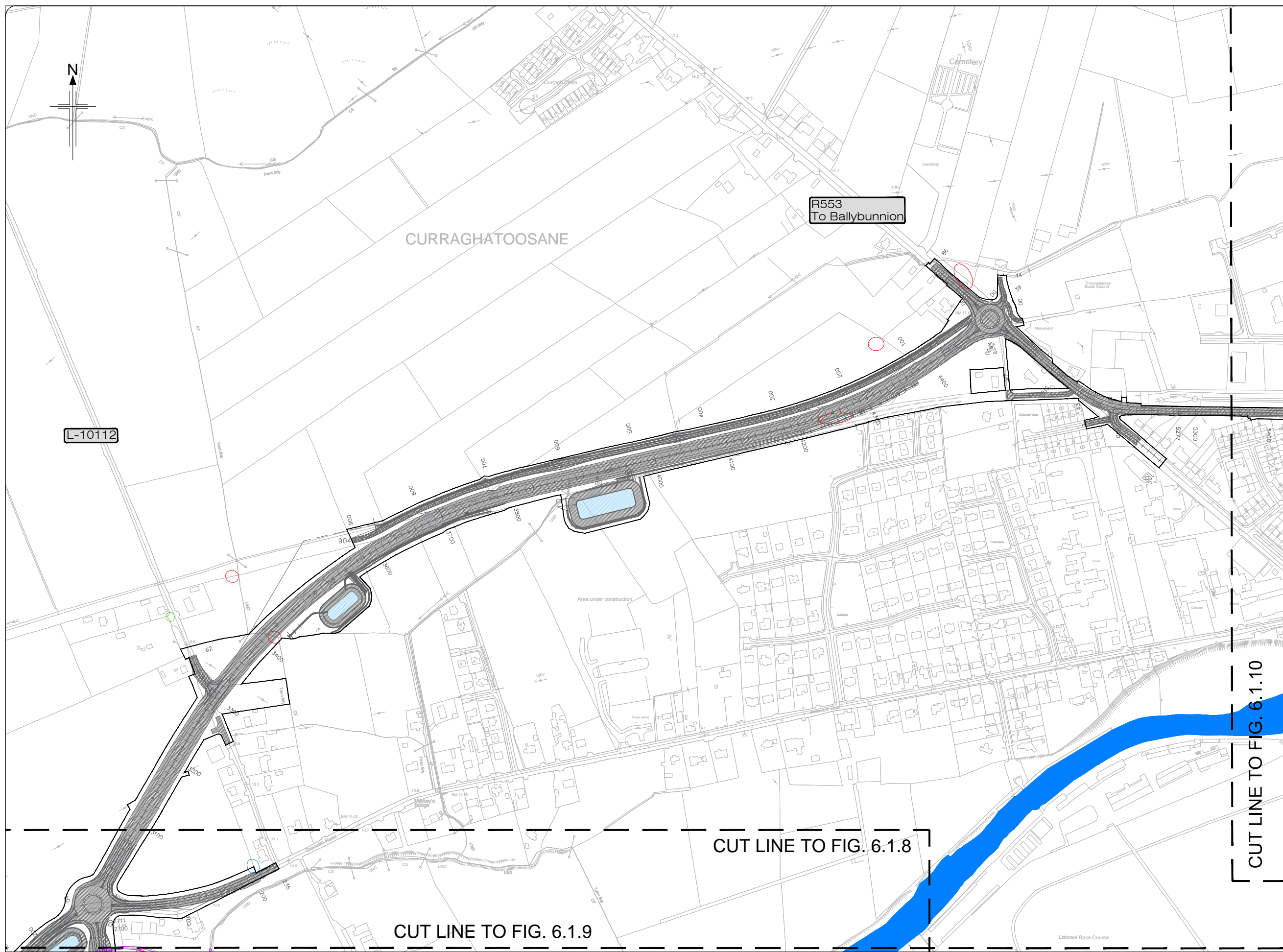
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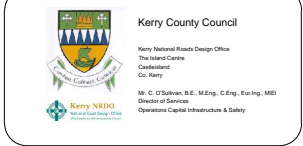
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS		Drawing No: 32105301/EIS/Fig 6.1.8
Component: Environmental Impact Statement		
Title: Invasive Species - Sheet 3 of 5		
Design: AS	File Name:	
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3	
Check: AM	Date: April 2017	

- Legend:**
-  Proposed Development
 -  Japanese knotweed *Fallopia japonica*
 -  Spanish bluebell *Hyacinthoides hispanica*
 -  Three-cornered garlic *Allium triquetrum*
 -  Himalayan balsam *Impatiens glandiflora*








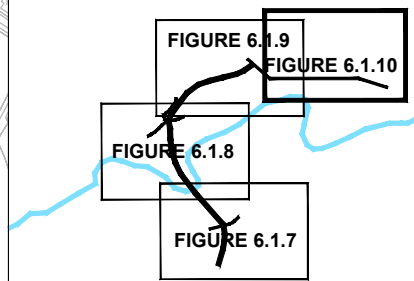
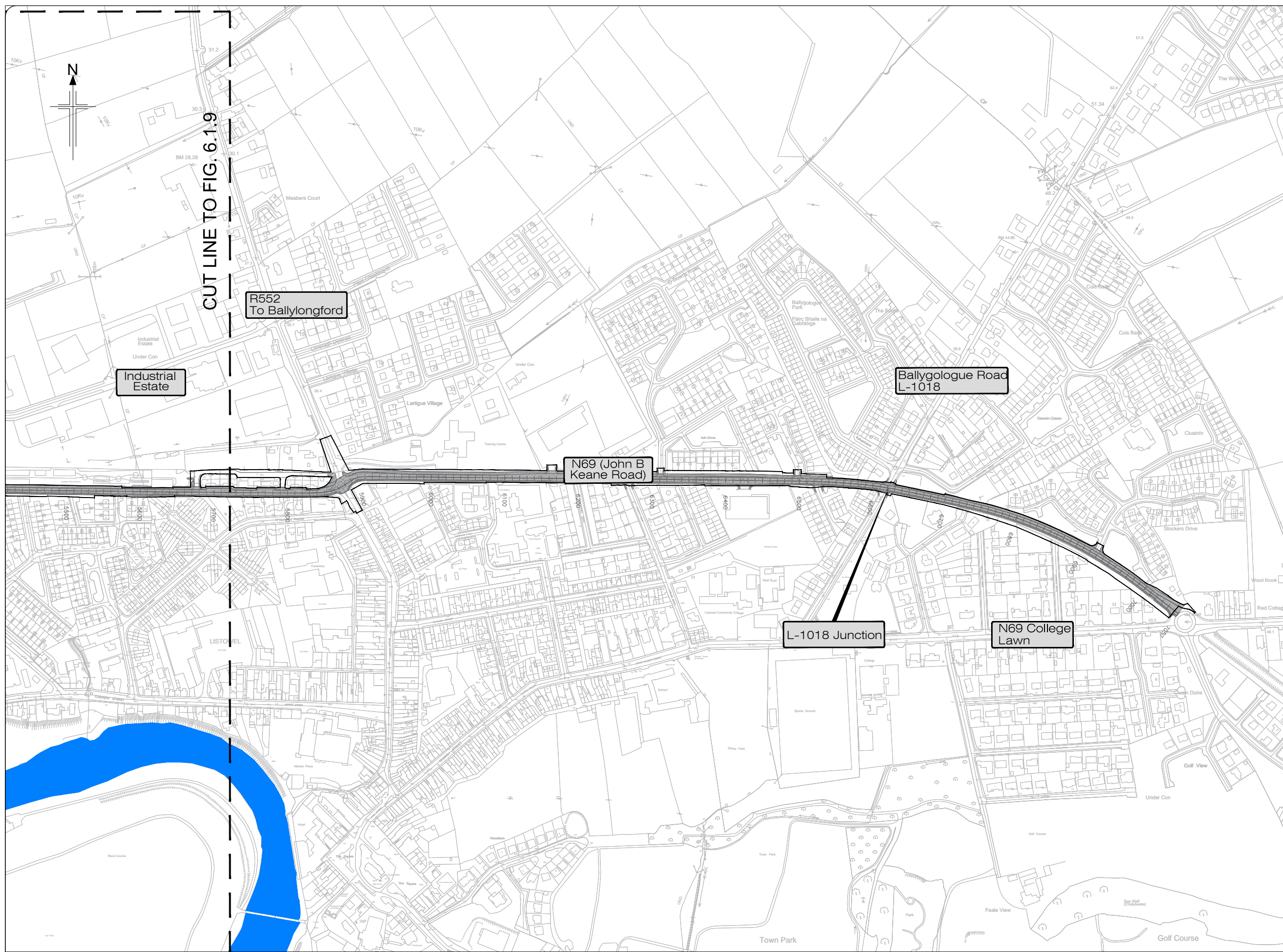
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Invasive Species - Sheet 4 of 5
Design:	AS
Drawn:	MW
Checked:	AM
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 6.1.9

- Legend:**
-  Proposed Development
 -  Japanese knotweed *Fallopia japonica*
 -  Spanish bluebell *Hyacinthoides hispanica*
 -  Three-cornered garlic *Allium triquetrum*
 -  Himalayan balsam *Impatiens glandiflora*



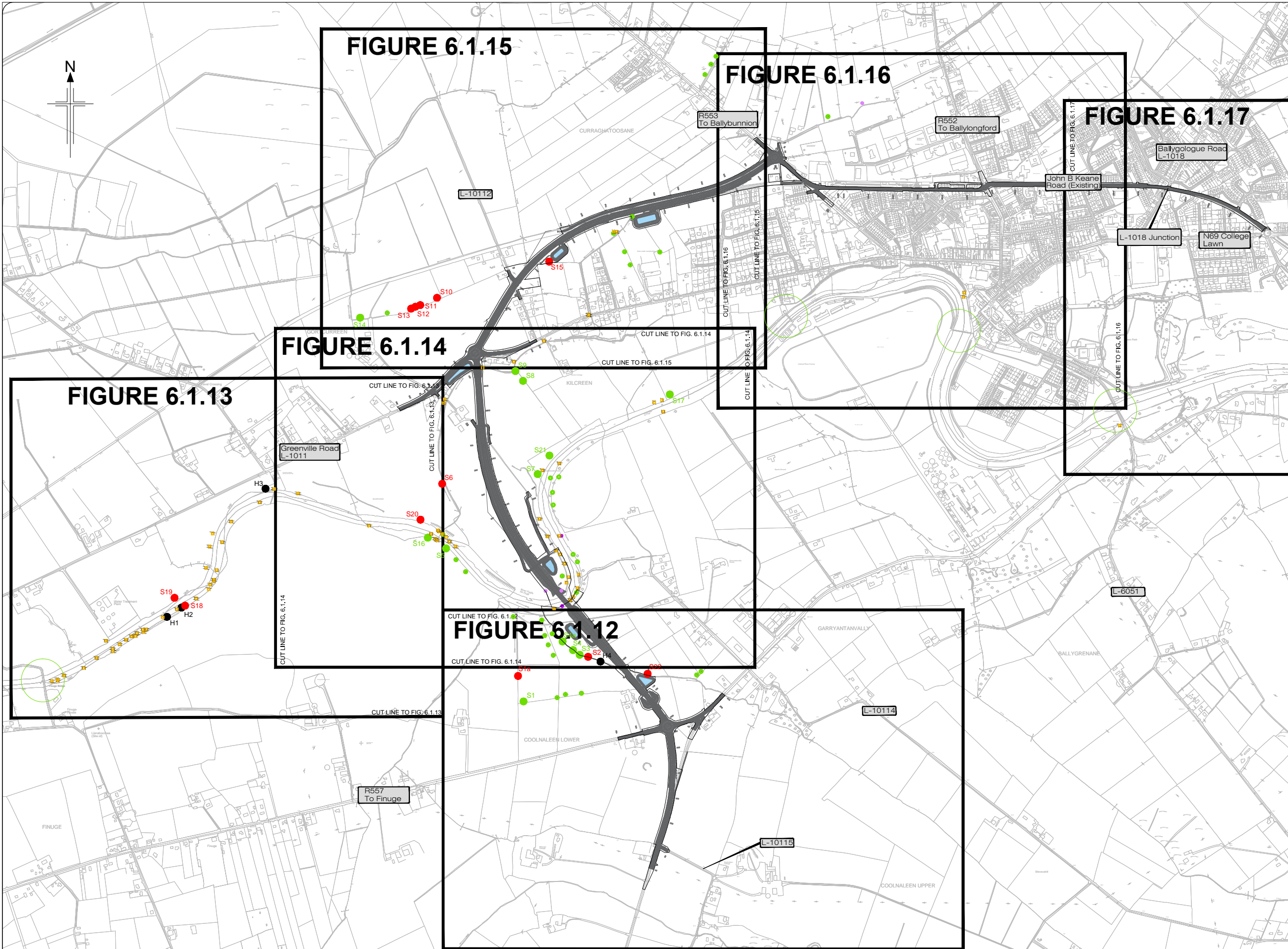
KEY PLAN

All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Invasive Species - Sheet 5 of 5	
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.10	



Legend:

- Proposed Development
- Otterholt
- Otter signs
- Badger sett - Active
- Badger sett - Inactive
- Badger signs
- Hare
- Mink signs
- Additional bridge sites surveyed for Otter
- CPO

All details shown on this drawing are indicative only and are subject to development at detailed design stage.



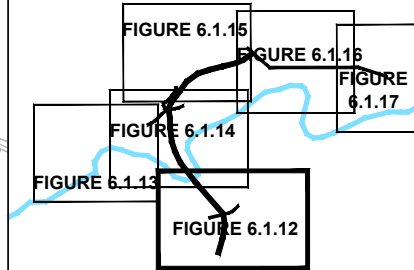
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Mammal Survey - Sheet 1 of 7
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.11	



Legend:

- Proposed Development
- Otter holt
- Otter signs
- Badger sett - Active
- Badger sett - Inactive
- Badger signs
- Hare
- Mink signs
- Additional bridge sites surveyed for Otter
- CPO



KEY PLAN

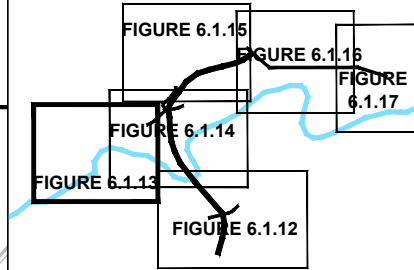
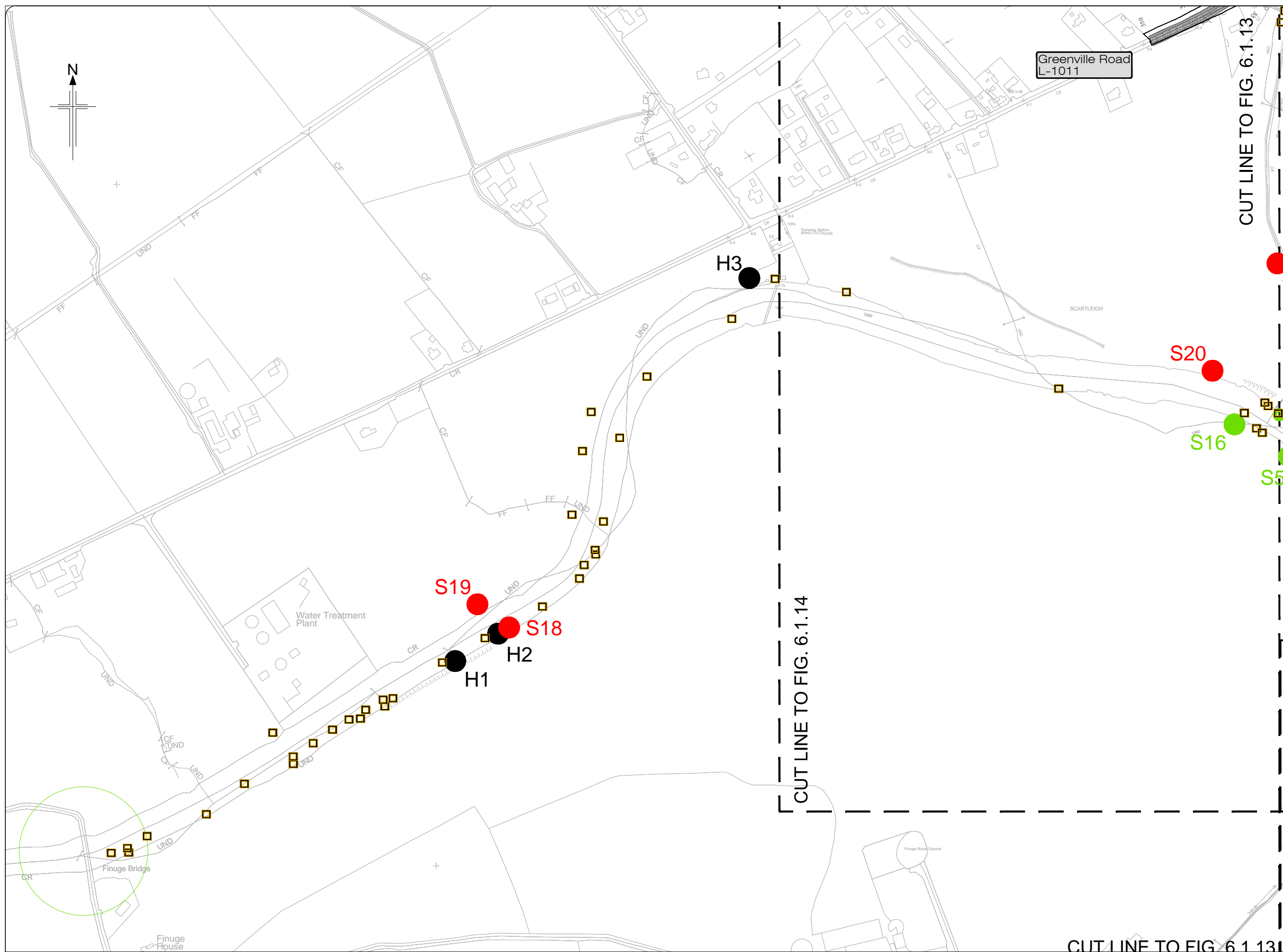
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Mammal Survey - Sheet 2 of 7
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.12	

- Legend:**
- Proposed Development
 - Otter holt
 - Otter signs
 - Badger sett - Active
 - Badger sett - Inactive
 - Badger signs
 - Hare
 - Mink signs
 - Additional bridge sites surveyed for Otter
 - Additional bridge sites surveyed for Otter



KEY PLAN

All details shown on this drawing are indicative only and are subject to development at detailed design stage.

Department of Transport, Tourism and Sport











TIIV
Bonneagar Iompair Éireann
Transport Infrastructure Ireland

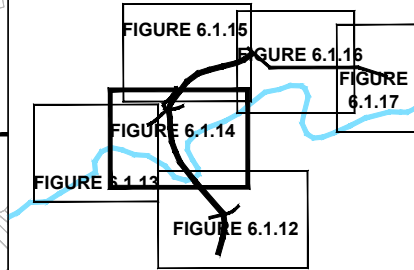
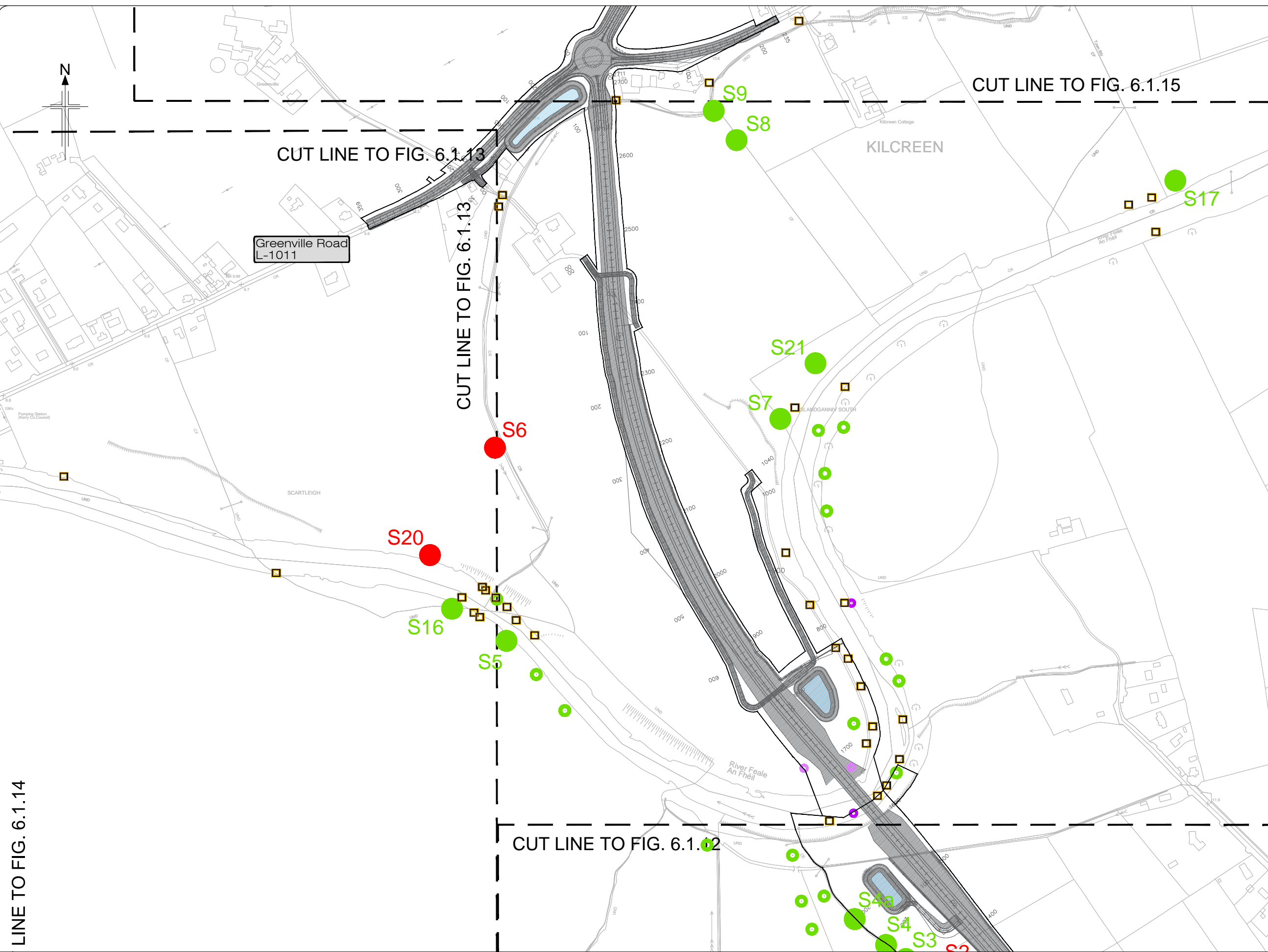
Kerry County Council
Kerry National Roads Design Office
The Island Centre
Cork Road
Co. Kerry
M. C. O'Sullivan, B.E., M.Eng., C.Eng., Eur. Ing. 1993
Director of Services
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS	Drawing No:	32105301/EIS/Fig 6.1.13
Component:	Environmental Impact Statement		
Title:	Mammal Survey - Sheet 3 of 7		
Design: AS			
Drawn: MW			
Checked: AM			

- Legend:**
-  Proposed Development
 -  Otter hole
 -  Otter signs
 -  Badger sett - Active
 -  Badger sett - Inactive
 -  Badger signs
 -  Hare
 -  Mink signs
 -  Additional bridge sites surveyed for Otter
 -  CPO












All details shown on this drawing are indicative only and are subject to development at detailed design stage.

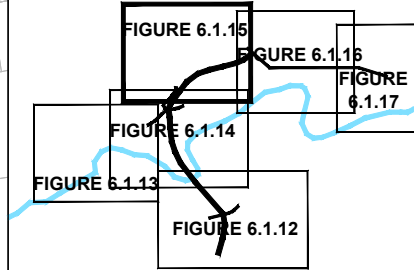
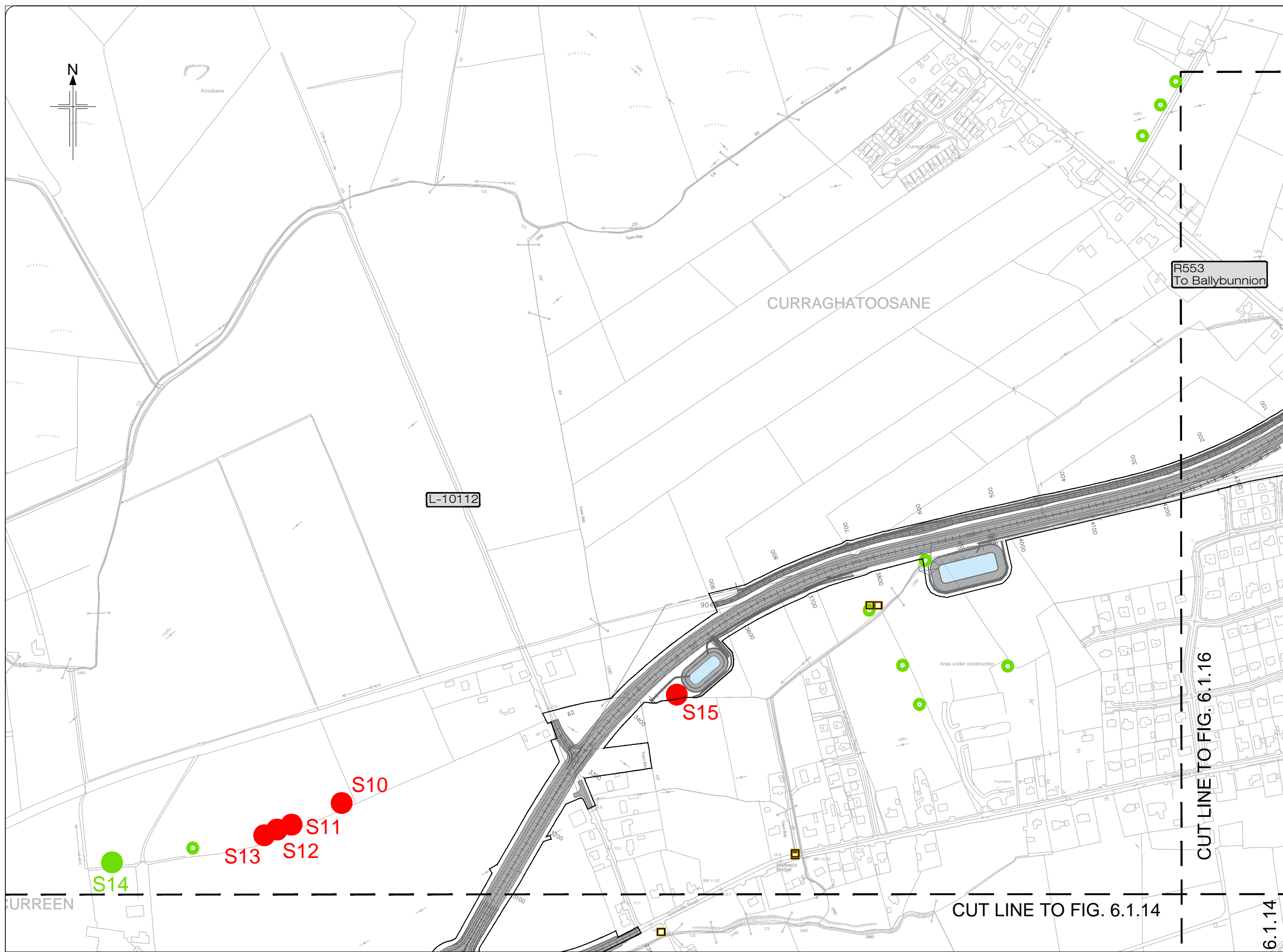
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS	Drawing No.:	32105301/EIS/Fig 6.1.14
Component:	Environmental Impact Statement		
Title:	Mammal Survey - Sheet 4 of 7		
Design: AS			
Draw: MW			
Check: AM			

- Legend:**
-  Proposed Development
 -  Otter hole
 -  Otter signs
 -  Badger sett - Active
 -  Badger sett - Inactive
 -  Badger signs
 -  Hare
 -  Mink signs
 -  Additional bridge sites surveyed for Otter
 -  CPO



KEY PLAN

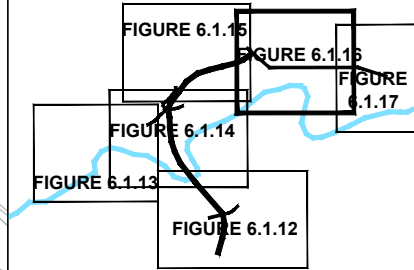
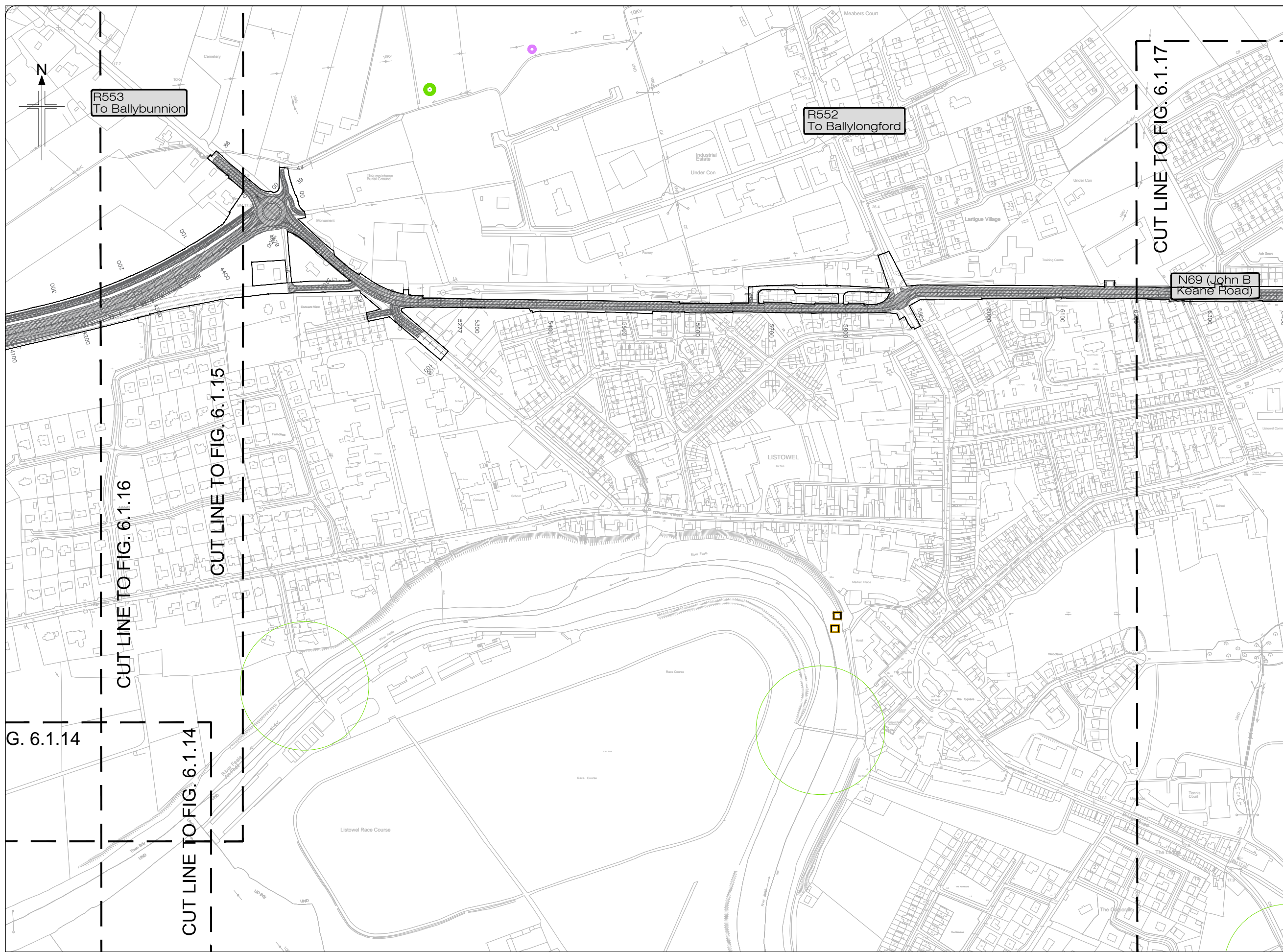
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Mammal Survey - Sheet 5 of 7
Designed:	AS
Drawn:	MW
Checked:	AM
File Name:	1:2,500 @ A1 15,000 @ A3
Original scales:	
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 6.1.15

- Legend:**
- Proposed Development
 - Otter hole
 - Otter signs
 - Badger sett - Active
 - Badger sett - Inactive
 - Badger signs
 - Hare
 - Mink signs
 - Additional bridge sites surveyed for Otter
 - CPO



KEY PLAN


All details shown on this drawing are indicative only and are subject to development at detailed design stage.



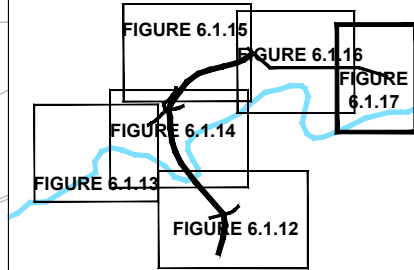
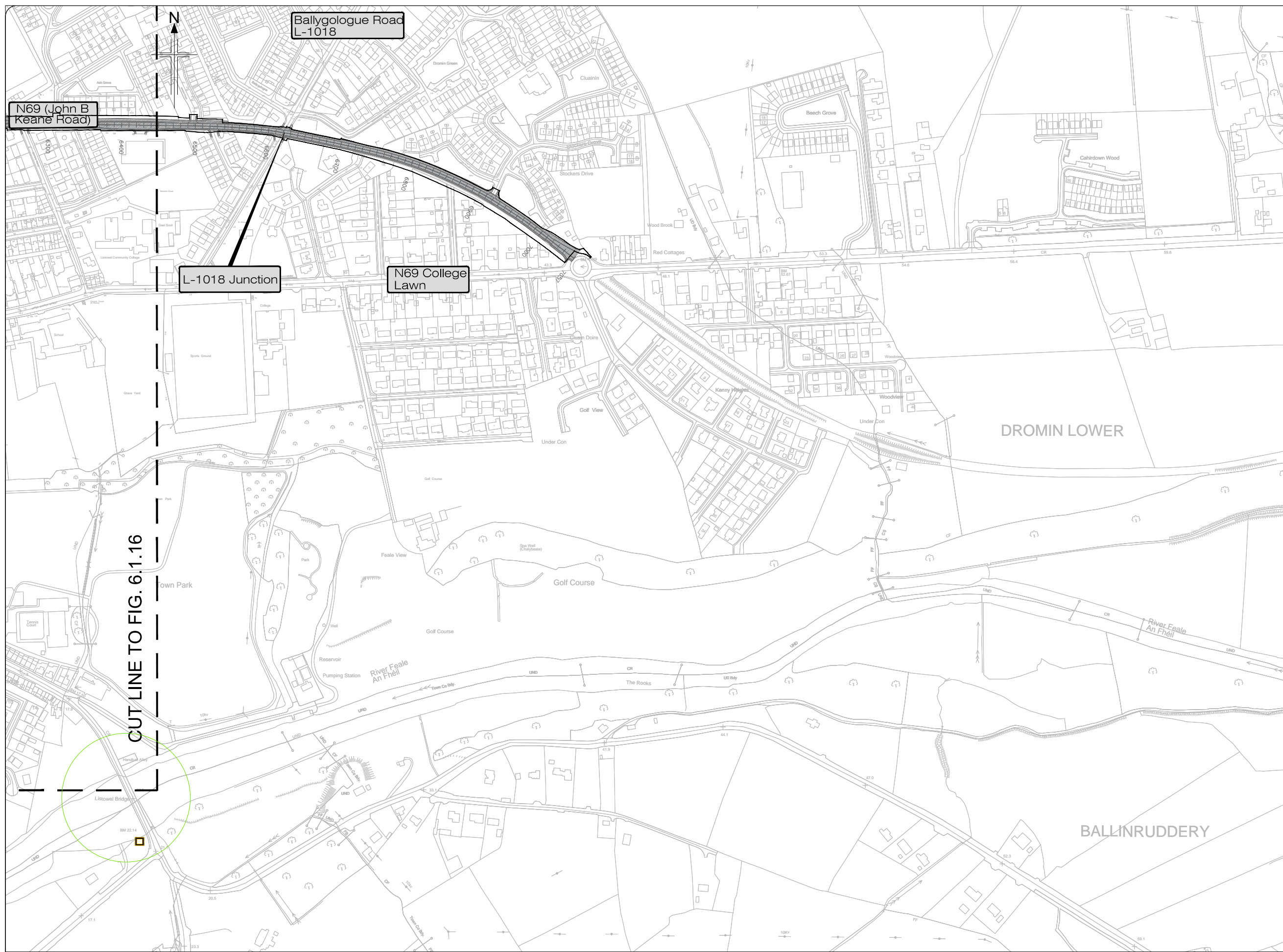
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Mammal Survey - Sheet 6 of 7
Designed:	AS
Drawn:	MW
Checked:	AM
File Name:	32105301/EIS/Fig 6.1.16
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017

Legend:

-  Proposed Development
-  Otter hole
-  Otter signs
-  Badger sett - Active
-  Badger sett - Inactive
-  Badger signs
-  Hare
-  Mink signs
-  Additional bridge sites surveyed for Otter

 CPO



KEY PLAN

All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication













Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Mammal Survey - Sheet 7 of 7
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.17	

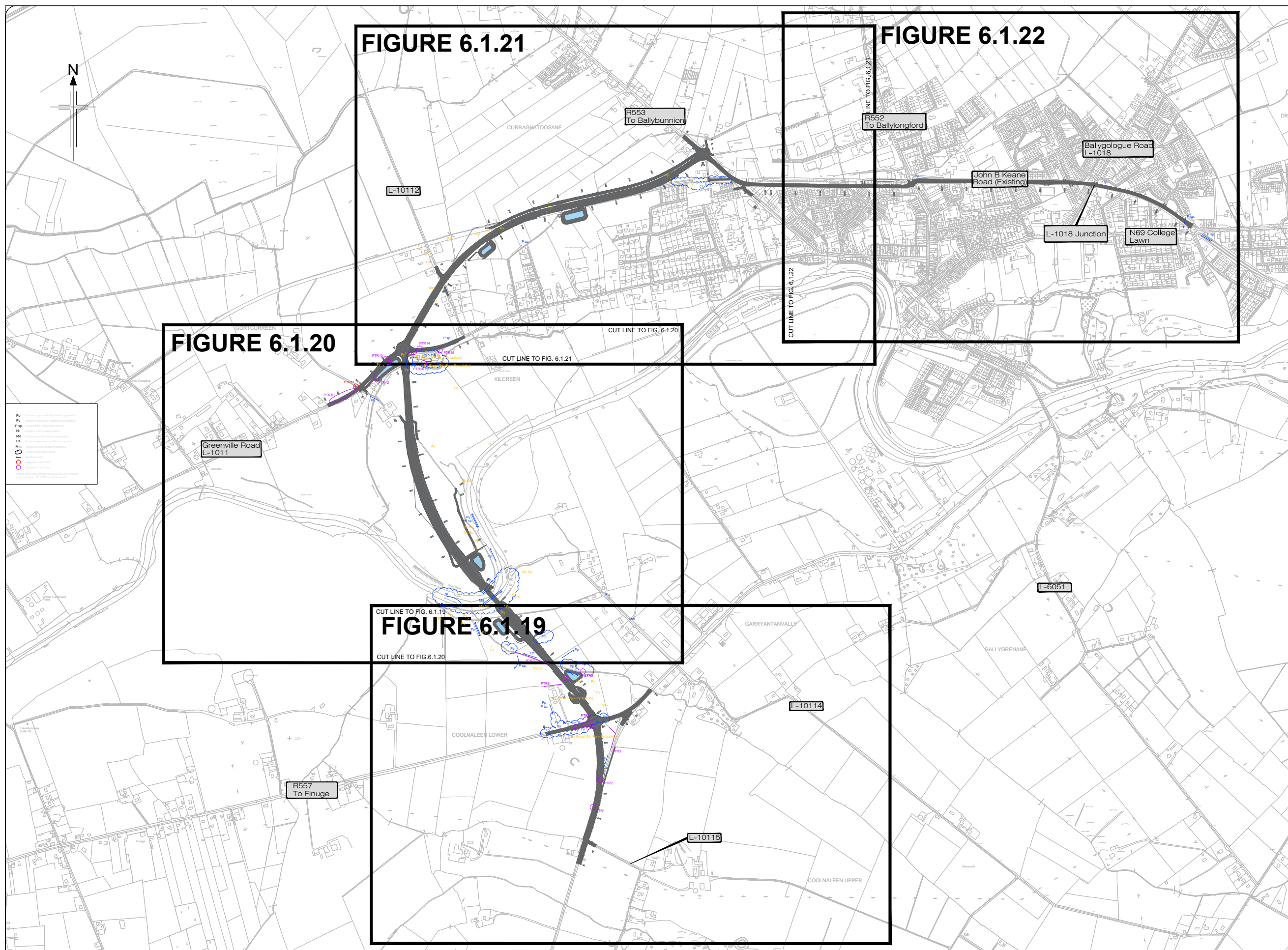
FIGURE 6.1.21

FIGURE 6.1.22

FIGURE 6.1.20

FIGURE 6.1.19

- Legend:**
-  Proposed Development
 -  Common pipistrelle *Pipistrellus pipistrellus*
 -  Soprano pipistrelle *Pipistrellus pygmaeus*
 -  Unidentified *Pipistrellus* species
 -  Leisler's bat *Nyctalus leisleri*
 -  Daubenton's bat *Myotis daubentonii*
 -  Brown long-eared bat *Plecotus auritus*
 -  Whiskered bat *Myotis mystacinus*
 -  Areas of high bat activity
 -  Bat flight paths
 -  Category 1 bat trees
 -  Category 2 bat trees















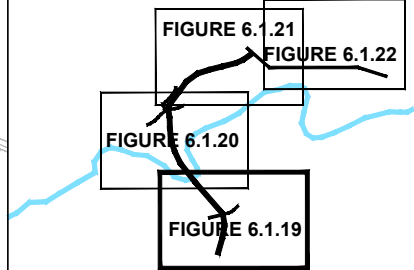
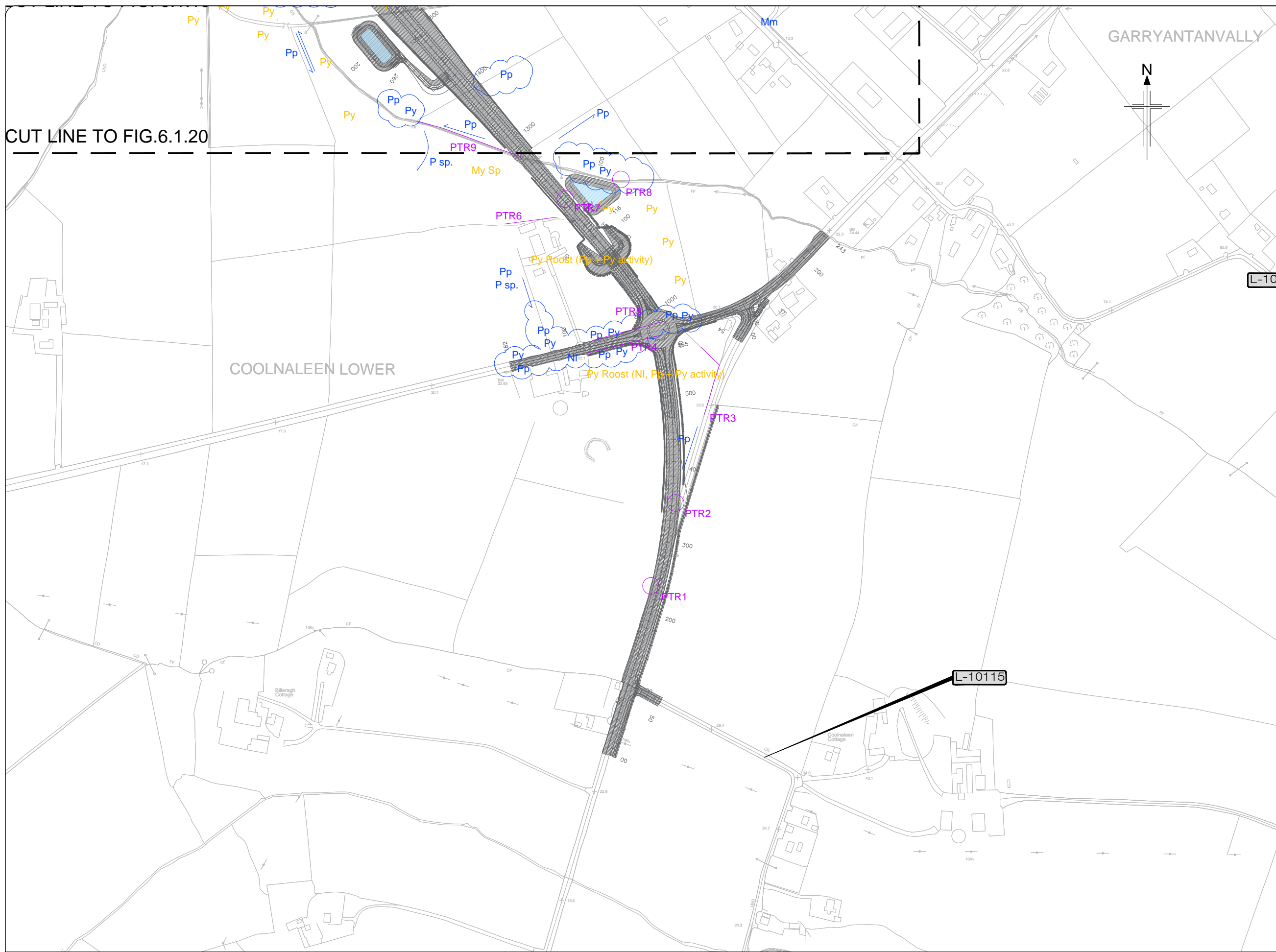
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Bats Map - Sheet 1 of 5	
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.18	

- Legend:**
-  Proposed Development
 -  Common pipistrelle *Pipistrellus pipistrellus*
 -  Soprano pipistrelle *Pipistrellus pygmaeus*
 -  Unidentified *Pipistrellus* species
 -  Leisler's bat *Nyctalus leisleri*
 -  Daubenton's bat *Myotis daubentonii*
 -  Brown long-eared bat *Plecotus auritus*
 -  Whiskered bat *Myotis mystacinus*
 -  Areas of high bat activity
 -  Bat flight paths
 -  Category 1 bat trees
 -  Category 2 bat trees



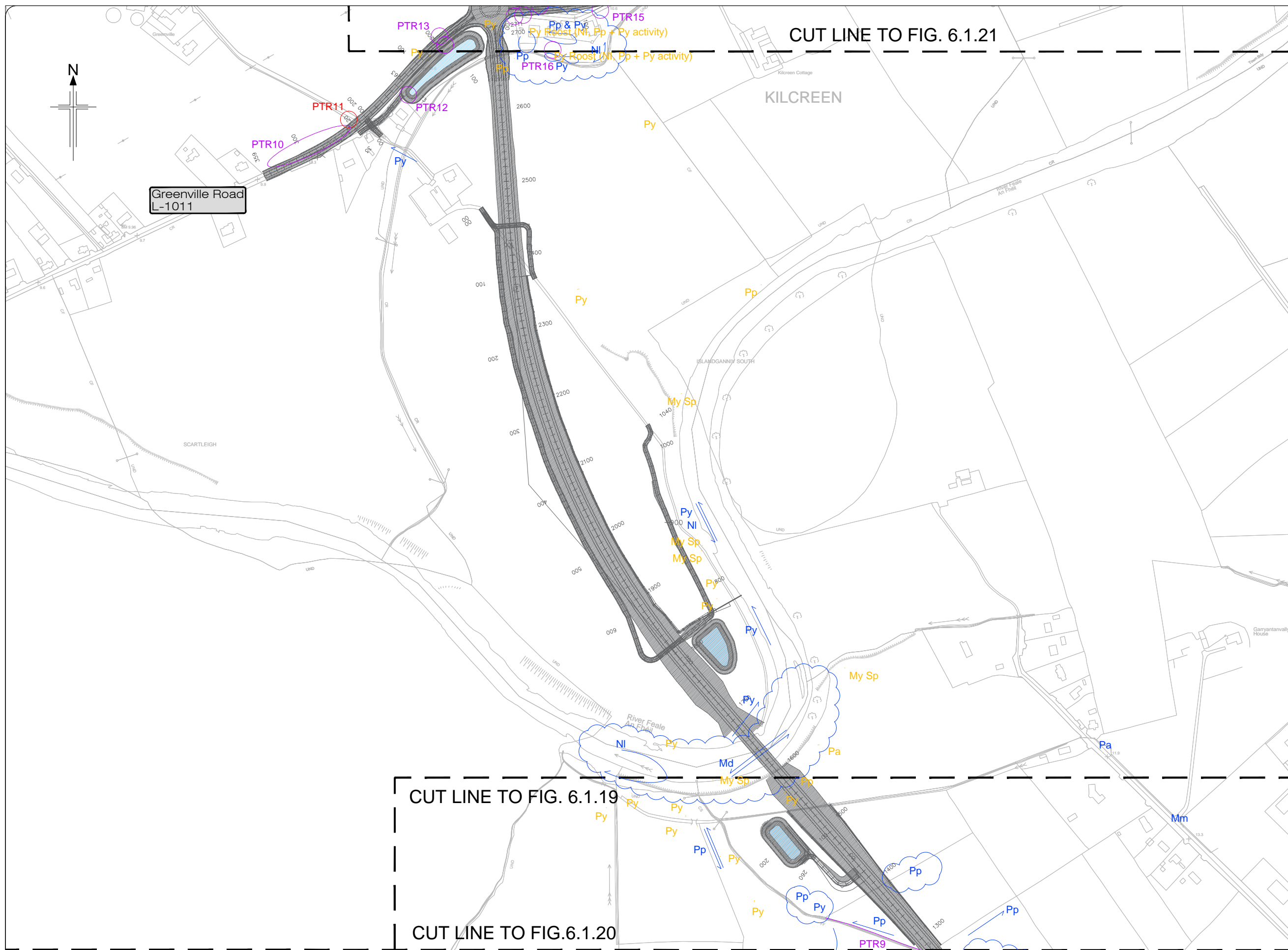
KEY PLAN

All details shown on this drawing are indicative only and are subject to development at detailed design stage.

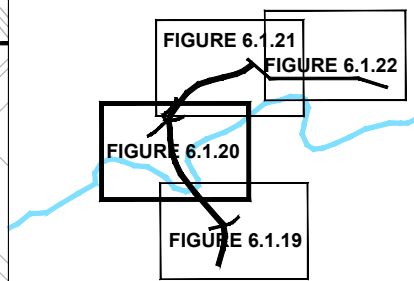


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Bats Map - Sheet 2 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.19	



- Legend:**
- Proposed Development
 - Pp** Common pipistrelle *Pipistrellus pipistrellus*
 - Py** Soprano pipistrelle *Pipistrellus pygmaeus*
 - P sp.** Unidentified *Pipistrellus* species
 - NI** Leisler's bat *Nyctalus leisleri*
 - Md** Daubenton's bat *Myotis daubentonii*
 - Pa** Brown long-eared bat *Plecotus auritus*
 - Mm** Whiskered bat *Myotis mystacinus*
 - Areas of high bat activity
 - Bat flight paths
 - Category 1 bat trees
 - Category 2 bat trees








KEY PLAN

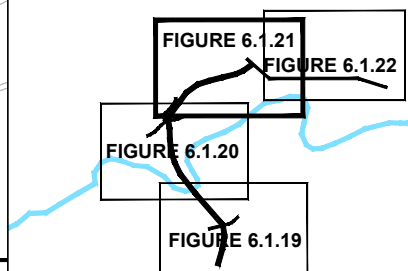
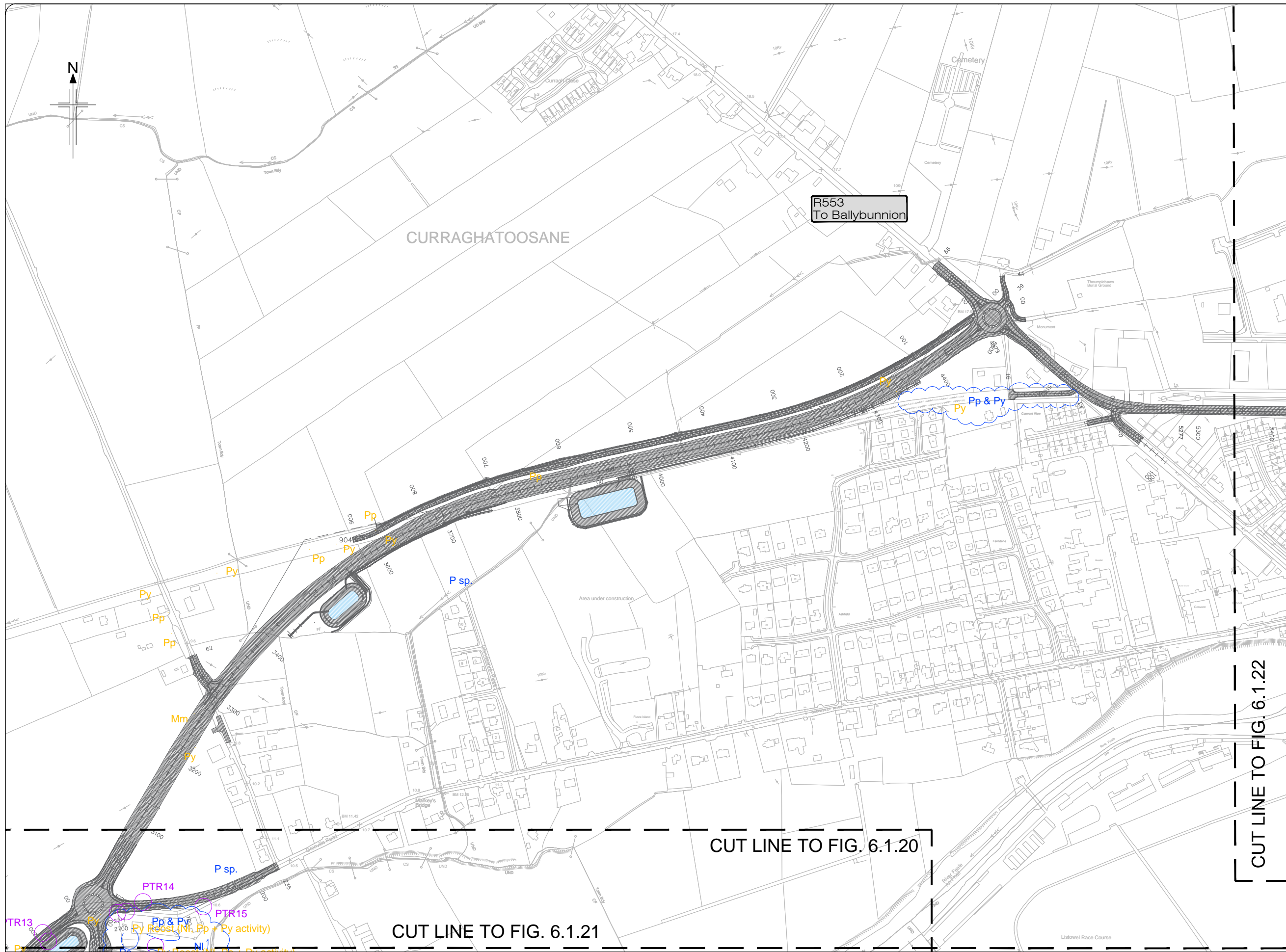
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS		Drawing No: 32105301/EIS/Fig 6.1.20
Component: Environmental Impact Statement		
Title: Bats Map - Sheet 3 of 5		
Design: AS	File Name:	
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3	
Check: AM	Date: April 2017	

- Legend:**
-  Proposed Development
 - Pp Common pipistrelle *Pipistrellus pipistrellus*
 - Py Soprano pipistrelle *Pipistrellus pygmaeus*
 - P sp. Unidentified *Pipistrellus* species
 - Nl Leisler's bat *Nyctalus leisleri*
 - Md Daubenton's bat *Myotis daubentonii*
 - Pa Brown long-eared bat *Plecotus auritus*
 - Mm Whiskered bat *Myotis mystacinus*
 -  Areas of high bat activity
 -  Bat flight paths
 -  Category 1 bat trees
 -  Category 2 bat trees








KEY PLAN

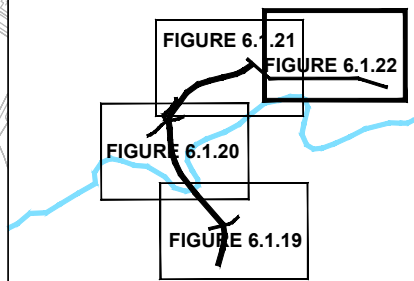
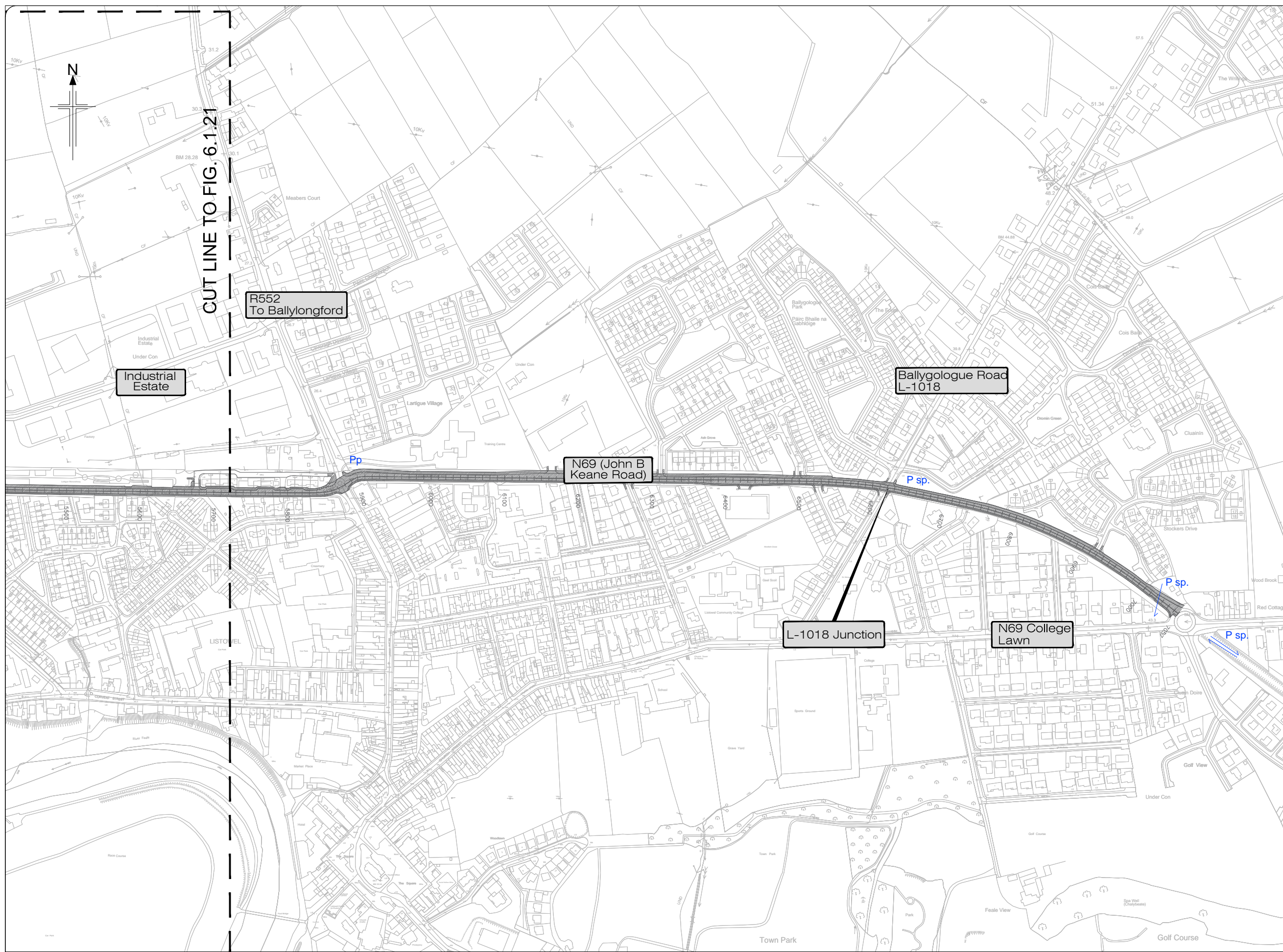
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Bats Map - Sheet 4 of 5
Design:	AS
Drawn:	MW
Checked:	AM
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 6.1.21

- Legend:**
-  Proposed Development
 - Pp Common pipistrelle *Pipistrellus pipistrellus*
 - Py Soprano pipistrelle *Pipistrellus pygmaeus*
 - P sp. Unidentified *Pipistrellus* species
 - Nl Leisler's bat *Nyctalus leisleri*
 - Ml Daubenton's bat *Myotis daubentonii*
 - Pa Brown long-eared bat *Plecotus auritus*
 - Mm Whiskered bat *Myotis mystacinus*
 -  Areas of high bat activity
 -  Bat flight paths
 -  Category 1 bat trees
 -  Category 2 bat trees



KEY PLAN

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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Bats Map - Sheet 5 of 5	
Drawn: MW	File Name: 32105301/EIS/Fig 6.1.22
Checked: AM	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Date: April 2017	Drawing No: 32105301/EIS/Fig 6.1.22

- Legend:**
-  Proposed Development
 -  Whooper swan feeding area
 -  Fields where Snipe were recorded - winter 2013/14
 -  Breeding bird territories (BoCCI Red and Amber listed)
 -  Non-breeding raptors (foraging)
 -  Sandmartin Nest
 -  Whooper Swan Roost
 -  Sand Marting Nesting Habitat

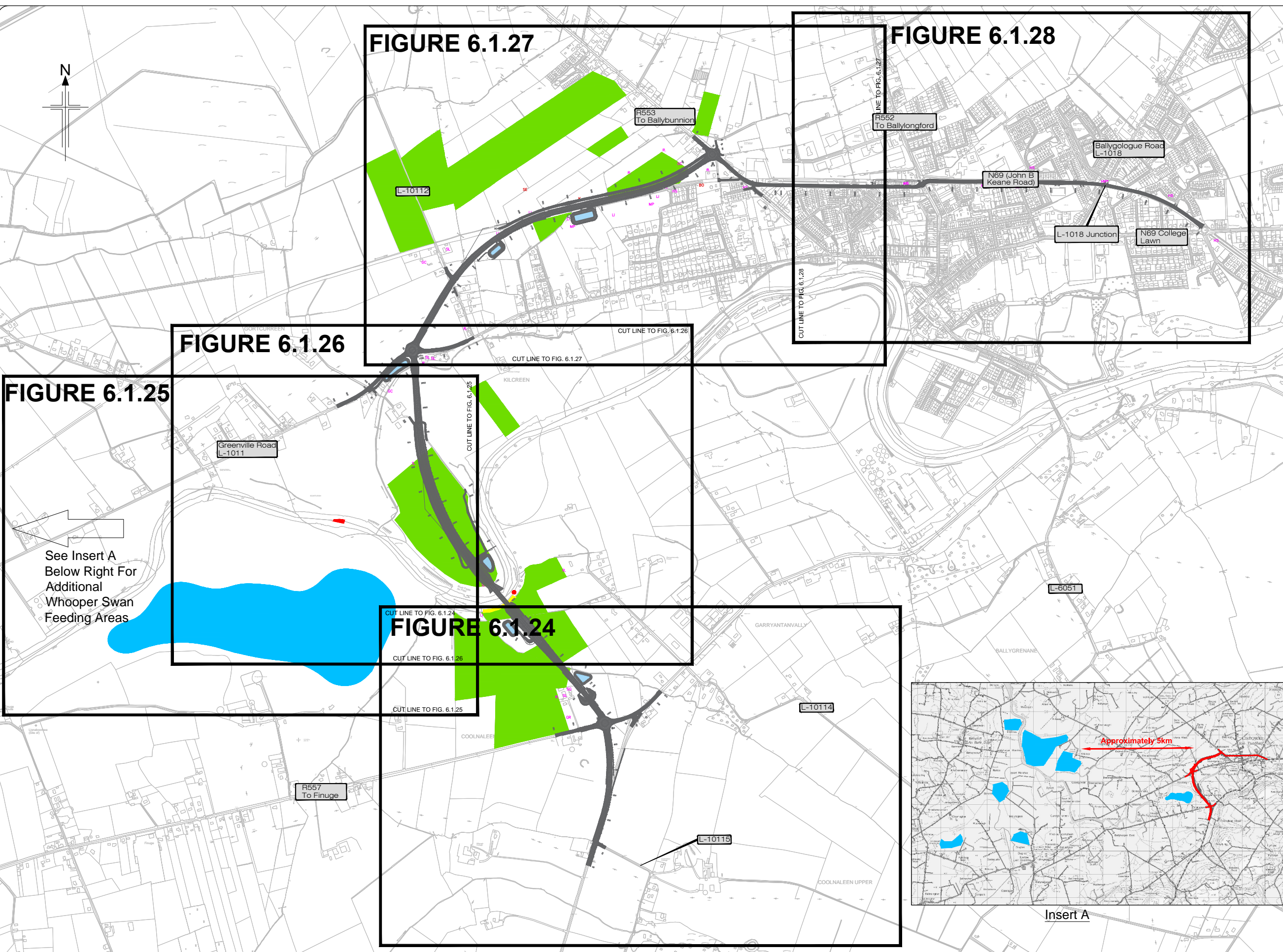
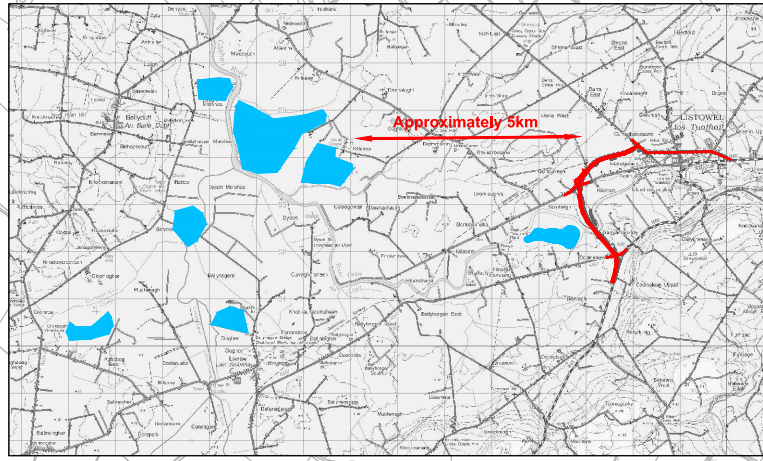


FIGURE 6.1.25

See Insert A Below Right For Additional Whooper Swan Feeding Areas

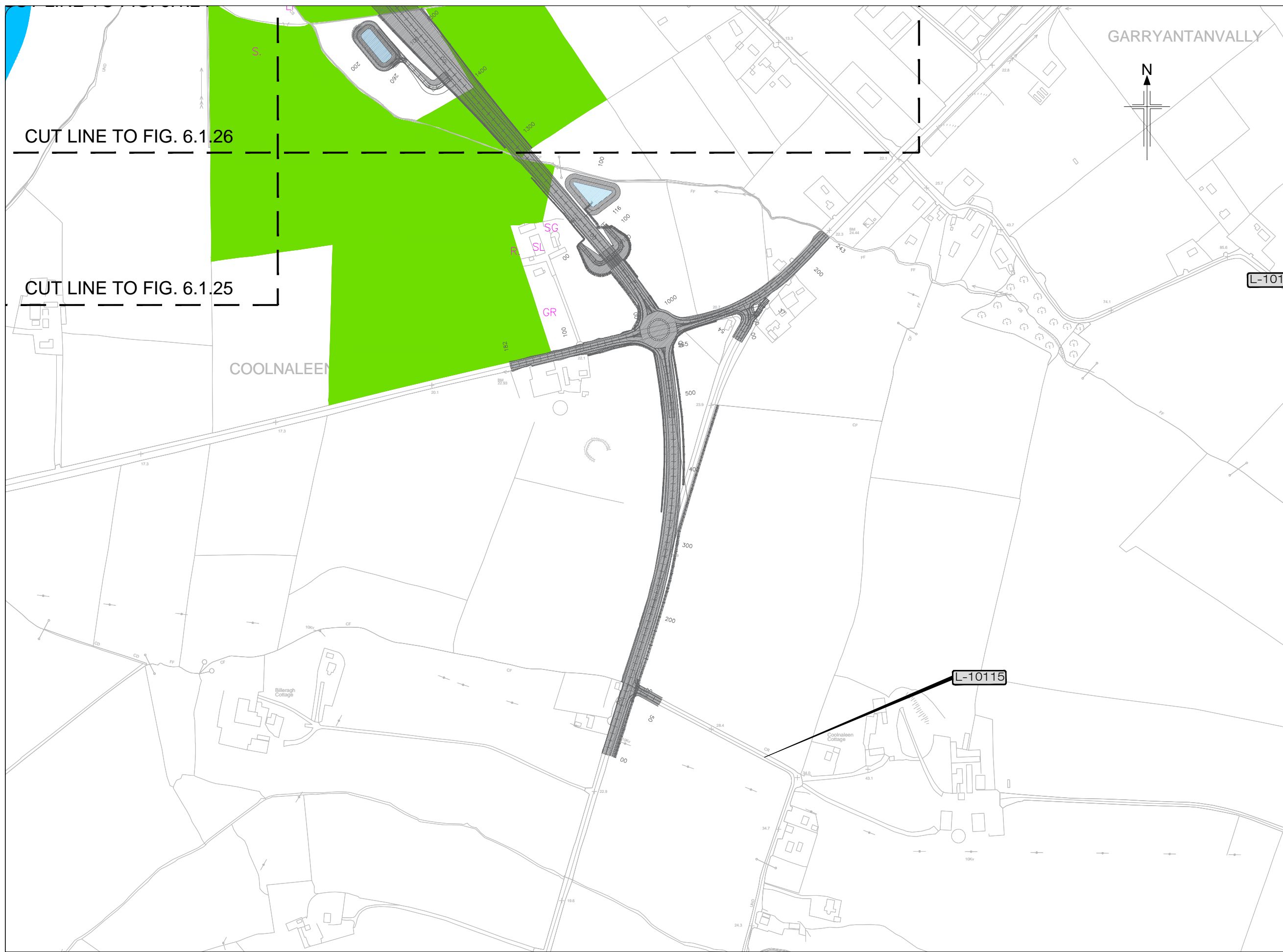


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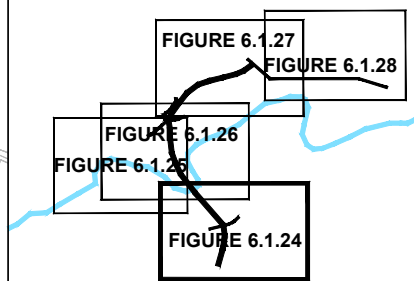


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Birds - Sheet 1 of 6
Designed:	OD
Drawn:	MW
Checked:	AM
File Name:	
Original scales:	1:7,500 @ A1 1:15,000 @ A3
Date:	April 2017
Drawing No:	32105301/EIS/Fig 6.1.23



- Legend:**
-  Proposed Development
 -  Whooper swan feeding area
 -  Fields where Snipe were recorded - winter 2013/14
 -  Breeding bird territories (BoCCI Red and Amber listed)
 -  Non-breeding raptors (foraging)
 -  Sandmartin Nest
 -  Whooper Swan Roost
 -  Sand Marting Nesting Habitat



KEY PLAN

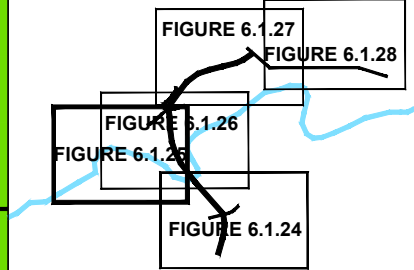
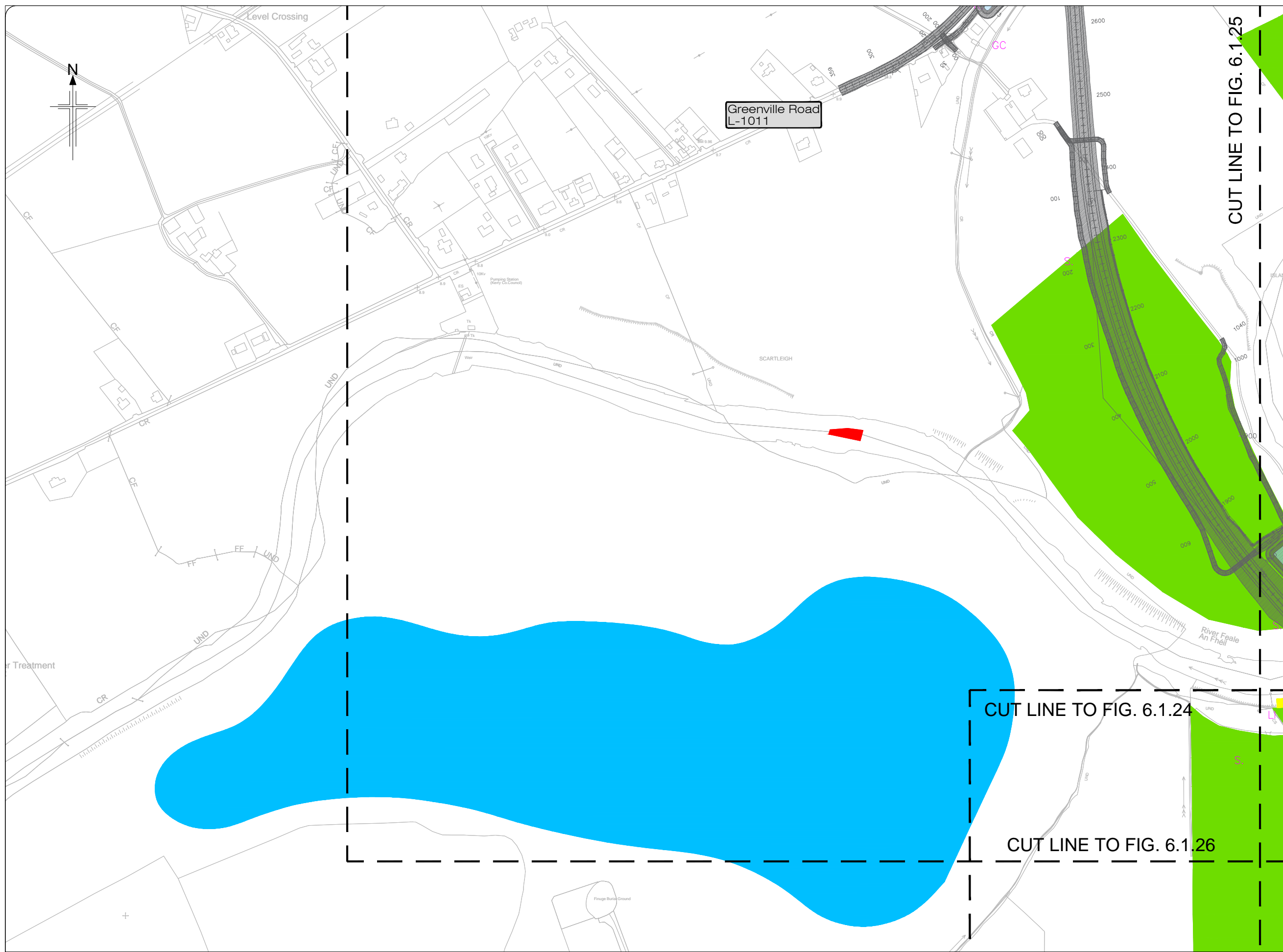
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Birds - Sheet 2 of 6
Designed:	OD
Drawn:	MW
Checked:	AM
File Name:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 6.1.24

- Legend:**
-  Proposed Development
 -  Whooper swan feeding area
 -  Fields where Snipe were recorded - winter 2013/14
 -  Breeding bird territories (BoCCI Red and Amber listed)
 -  Non-breeding raptors (foraging)
 -  Sandmartin Nest
 -  Whooper Swan Roost
 -  Sand Marting Nesting Habitat



All details shown on this drawing are indicative only and are subject to development at detailed design stage.

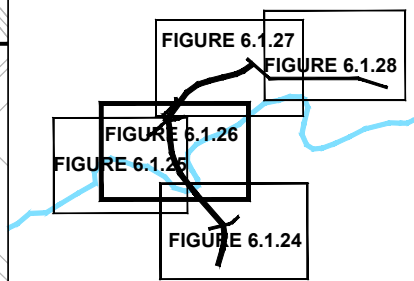


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Birds - Sheet 3 of 6
Designed:	OD
Drawn:	MW
Checked:	AM
File Name:	1:2,500 @ A1 1:5,000 @ A3
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 6.1.25



- Legend:**
- Proposed Development
 - Whooper swan feeding area
 - Fields where Snipe were recorded - winter 2013/14
 - Breeding bird territories (BoCCI Red and Amber listed)
 - Non-breeding raptors (foraging)
 - Sandmartin Nest
 - Whooper Swan Roost
 - Sand Marting Nesting Habitat



KEY PLAN

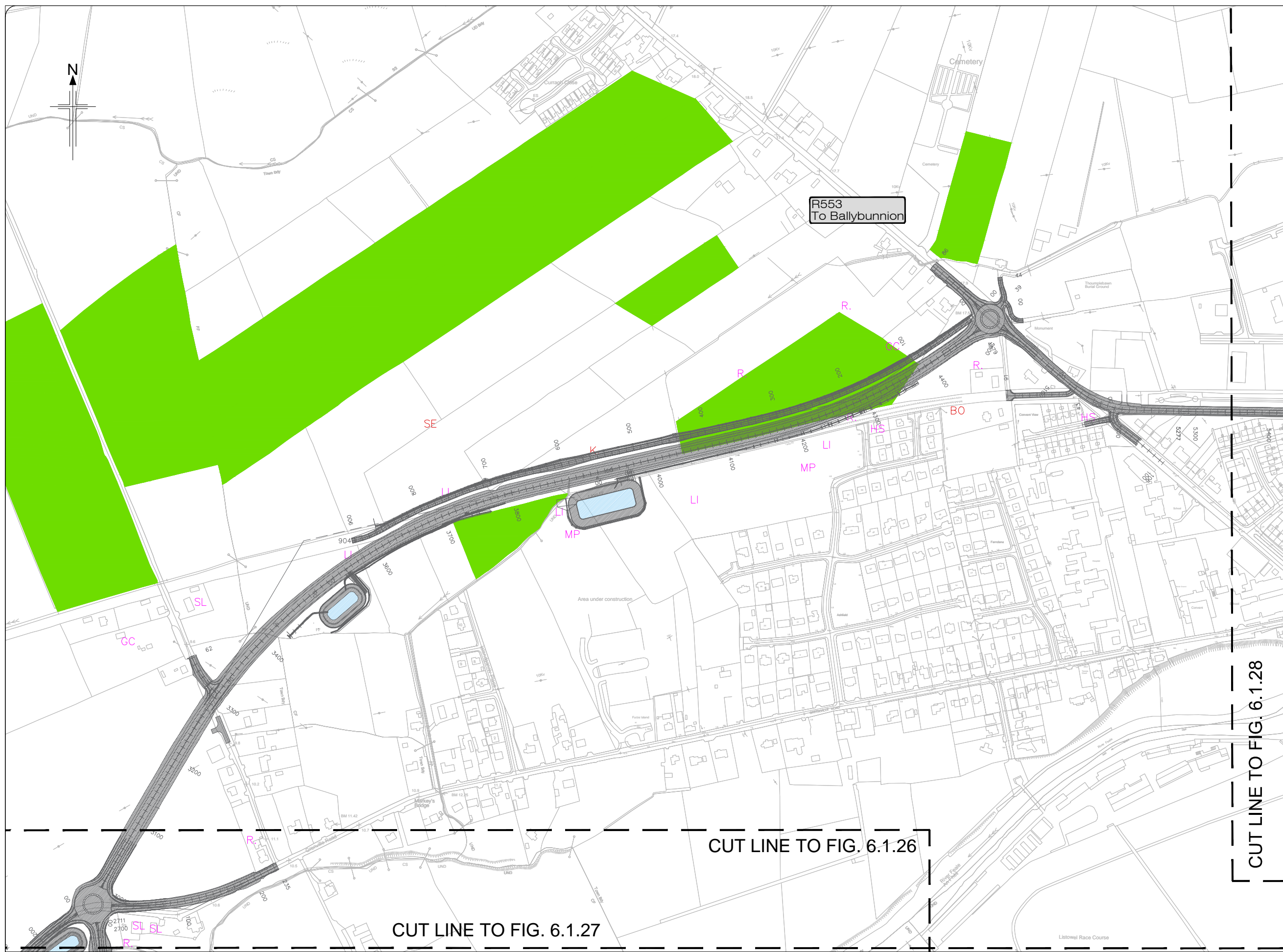
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	May 2017	For Publication

Project: N69 LISTOWEL BYPASS		Drawing No:
Component: Environmental Impact Statement		32105301/EIS/Fig 6.1.26
Title: Birds - Sheet 4 of 6		
Design: OD	File Name:	
Drawn: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3	
Checked: AM	Date: April 2017	

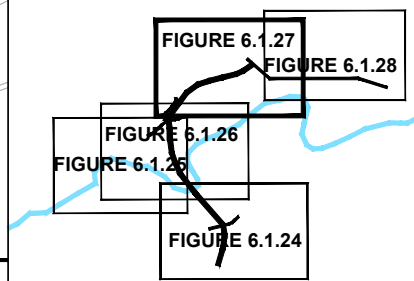
- Legend:**
-  Proposed Development
 -  Whooper swan feeding area
 -  Fields where Snipe were recorded - winter 2013/14
 -  Breeding bird territories (BoCCI Red and Amber listed)
 -  Non-breeding raptors (foraging)
 -  Sandmartin Nest
 -  Whooper Swan Roost
 -  Sand Marting Nesting Habitat



CUT LINE TO FIG. 6.1.28

CUT LINE TO FIG. 6.1.26

CUT LINE TO FIG. 6.1.27



KEY PLAN

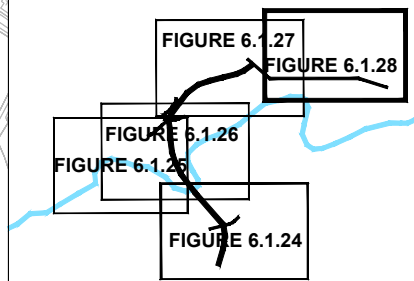
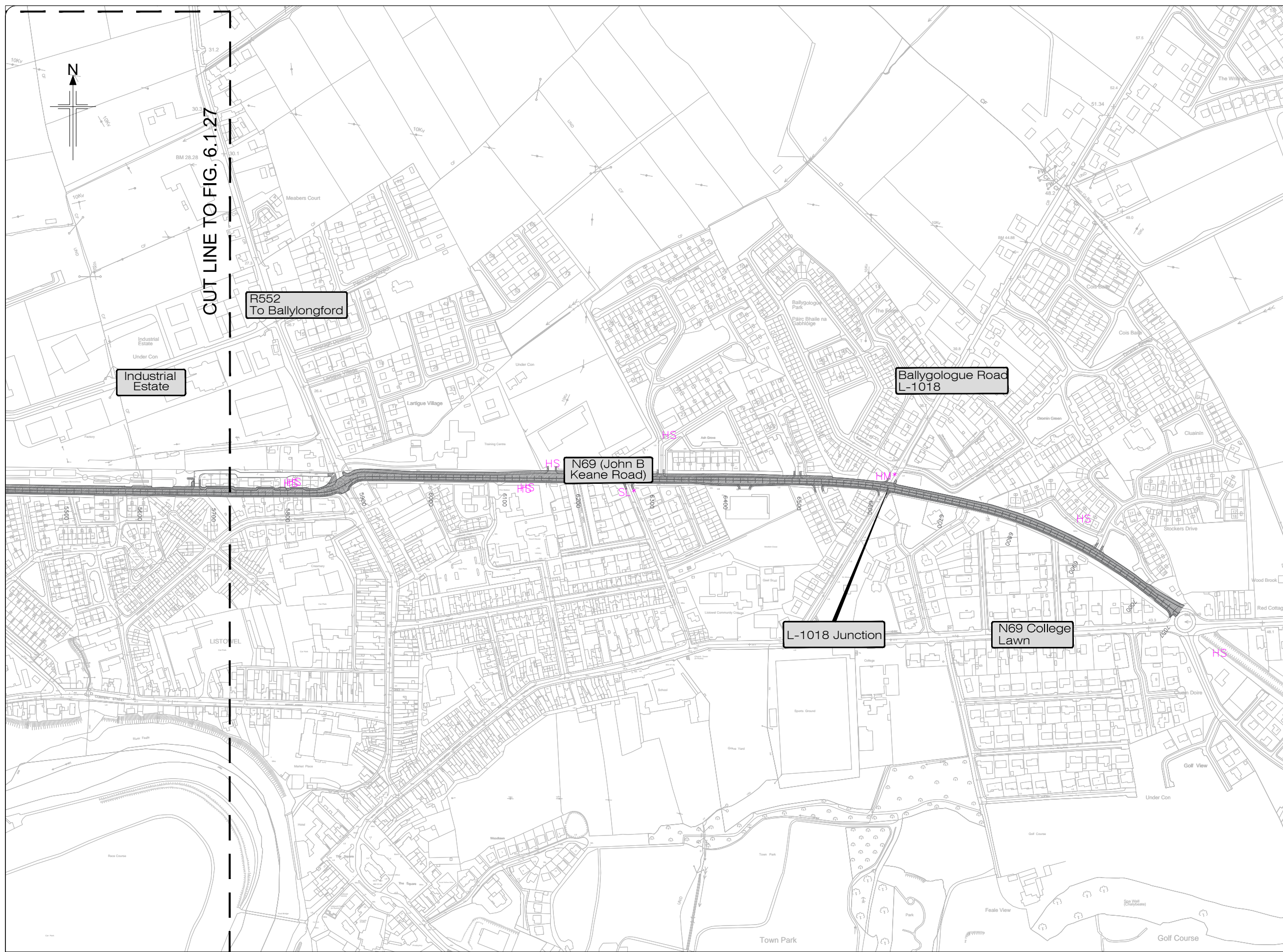
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Birds - Sheet 5 of 6
Drawn:	MW
Checked:	AM
Design:	OD
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 6.1.27

- Legend:**
-  Proposed Development
 -  Whooper swan feeding area
 -  Fields where Snipe were recorded - winter 2013/14
 -  Breeding bird territories (BoCCI Red and Amber listed)
 -  Non-breeding raptors (foraging)
 -  Sandmartin Nest
 -  Whooper Swan Roost
 -  Sand Marting Nesting Habitat









KEY PLAN

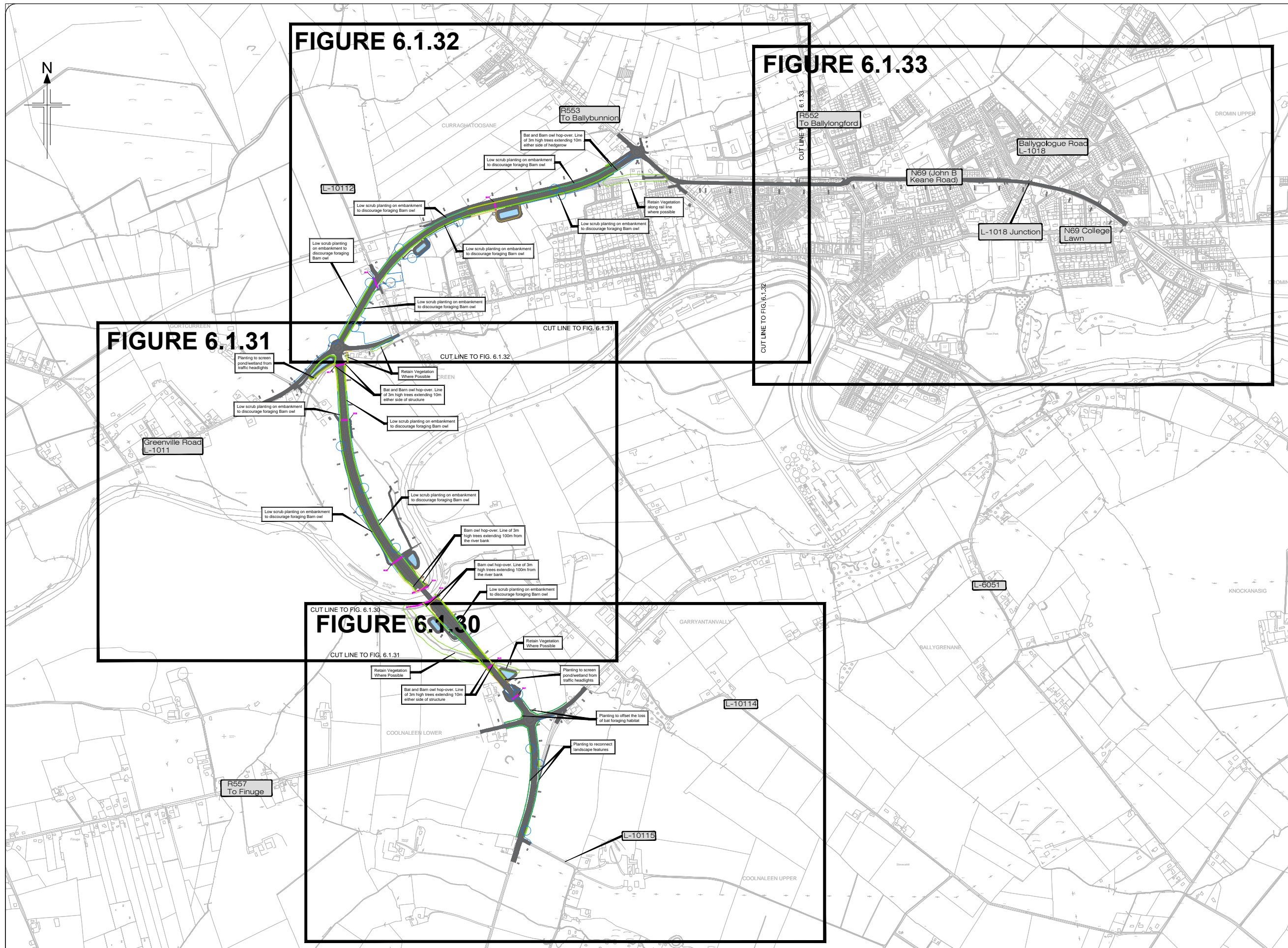
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Birds - Sheet 6 of 6	
Designed: OD	File Name:
Drawn: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.28	

- Legend:**
-  Proposed Development
 -  Mammal underpass
 -  Badger fencing
 -  Otter fencing
 -  Planting - see notes for description
 -  Vegetation to be retained









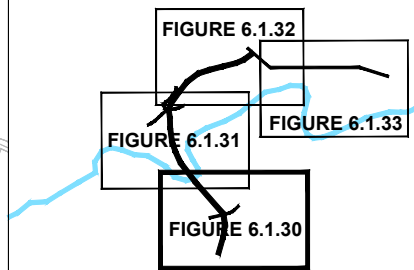
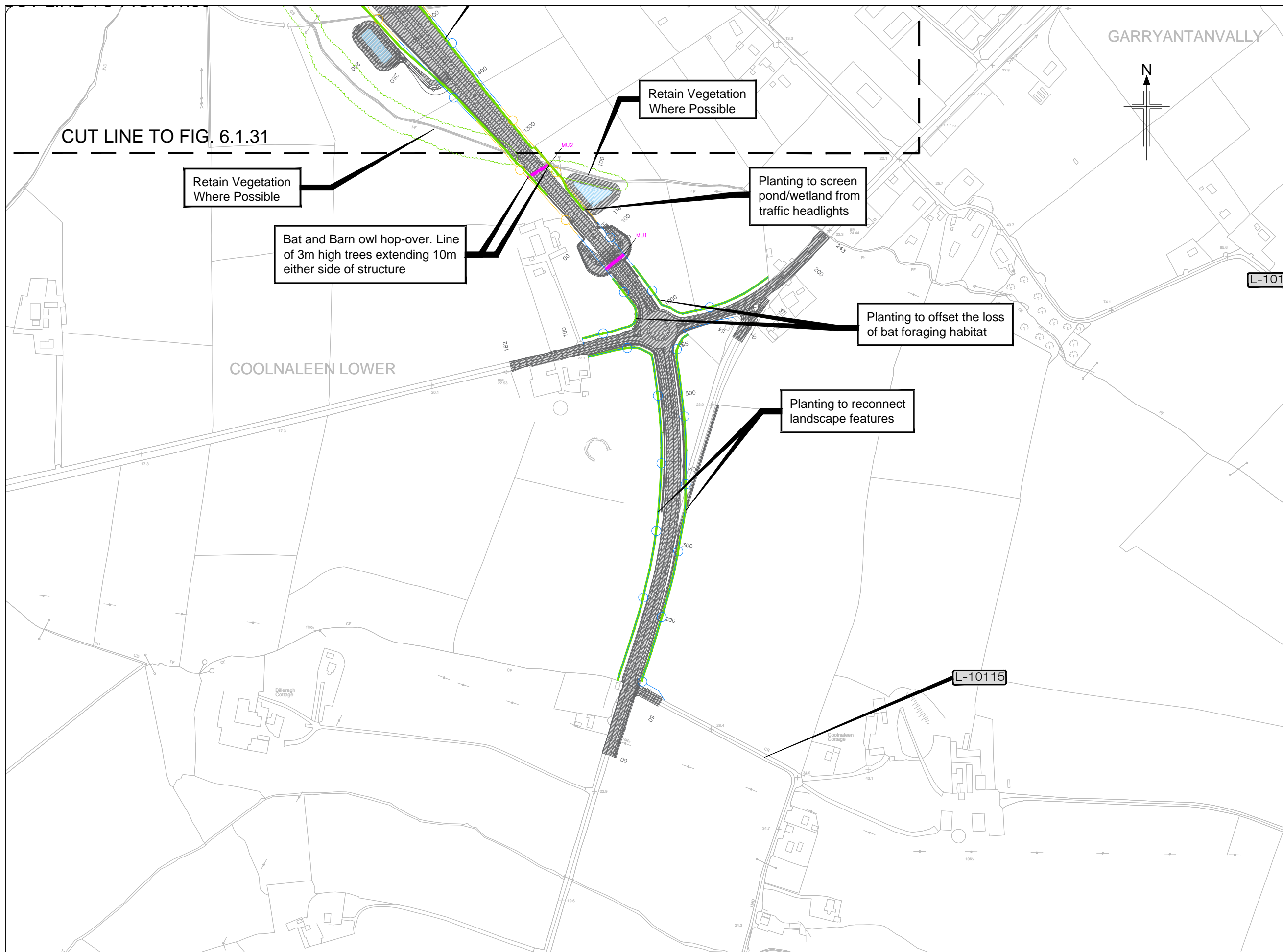
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS		Drawing No: 32105301/EIS/Fig 6.1.29
Component: Environmental Impact Statement		
Title: Ecology Mitigation - Sheet 1 of 5		
Design: AS	File Name:	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Draw: MW	Date:	
Check: AM	Date: April 2017	

- Legend:**
-  Proposed Development
 -  Mammal underpass
 -  Badger fencing
 -  Otter fencing
 -  Planting - see notes for description
 -  Vegetation to be retained



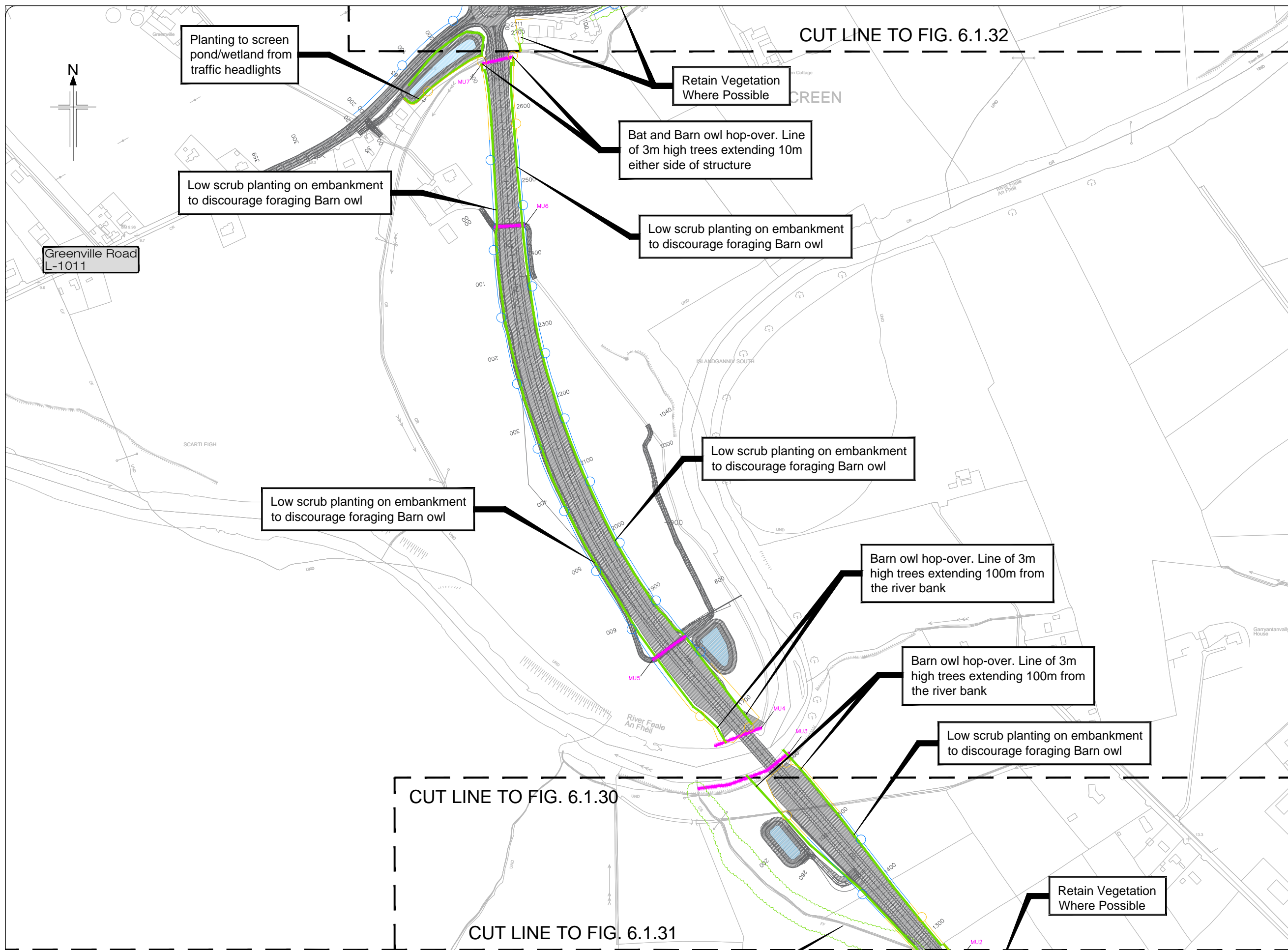
KEY PLAN

All details shown on this drawing are indicative only and are subject to development at detailed design stage.



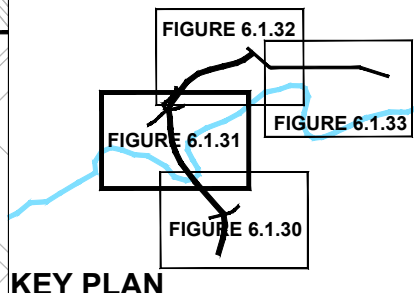
Rev	By	Date	Description
0	JTM	April 2017	For Publication

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Component:	Environmental Impact Statement	Checked:	AM	Date:	April 2017		
Title:	Ecology Mitigation- Sheet 2 of 5						



Legend:

- Proposed Development
- Mammal underpass
- Badger fencing
- Otter fencing
- Planting - see notes for description
- Vegetation to be retained









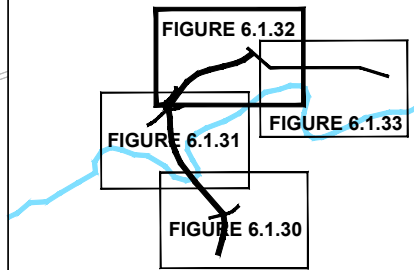
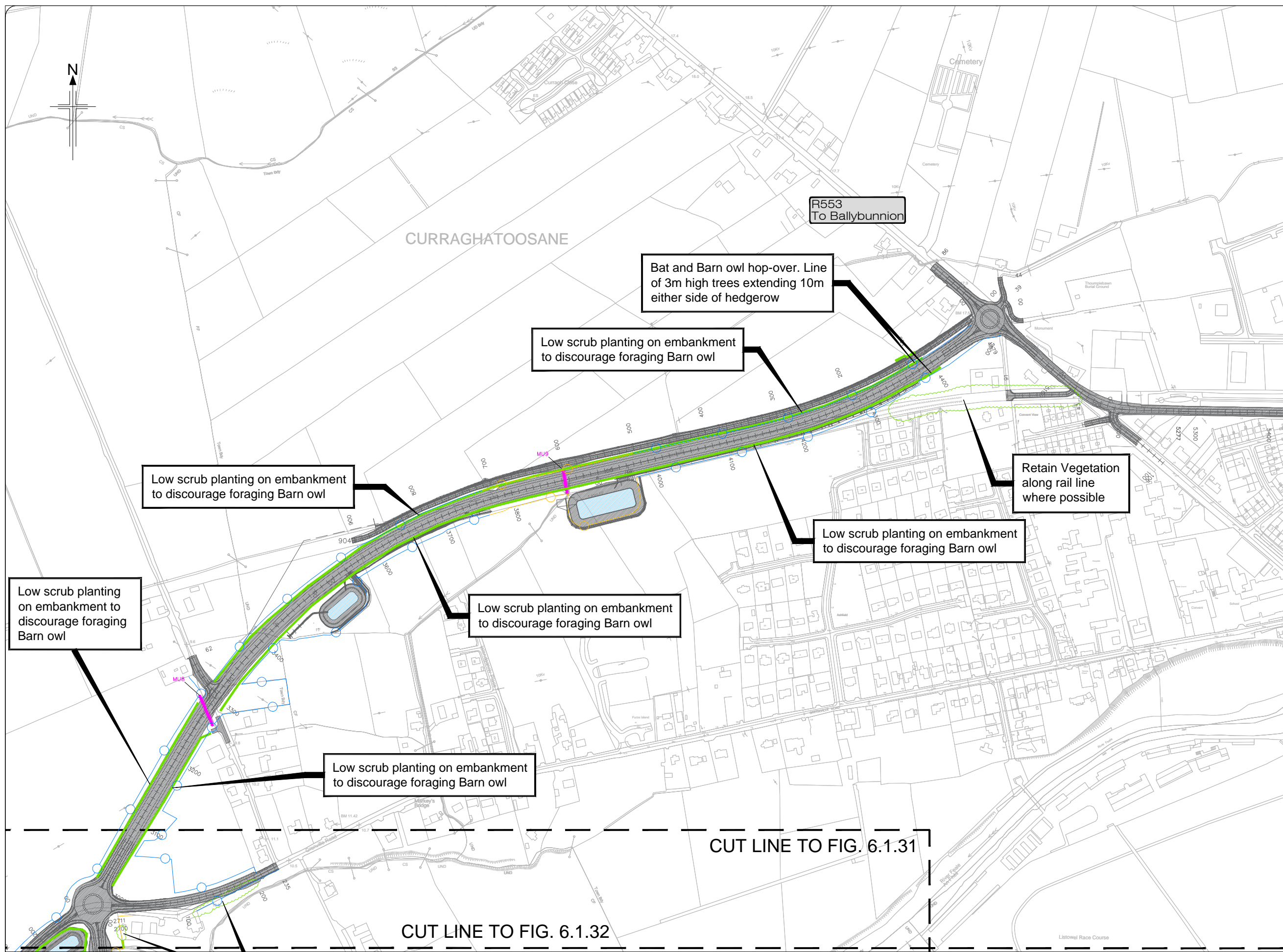
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Ecology Mitigation - Sheet 3 of 5
Design:	AS
Drawn:	MW
Checked:	AM
File Name:	32105301/EIS/301
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/301

- Legend:**
-  Proposed Development
 -  Mammal underpass
 -  Badger fencing
 -  Otter fencing
 -  Planting - see notes for description
 -  Vegetation to be retained









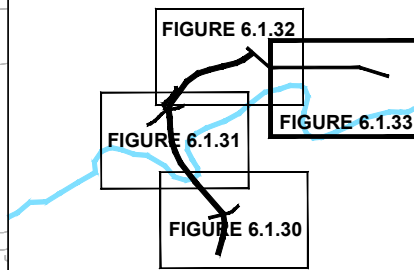
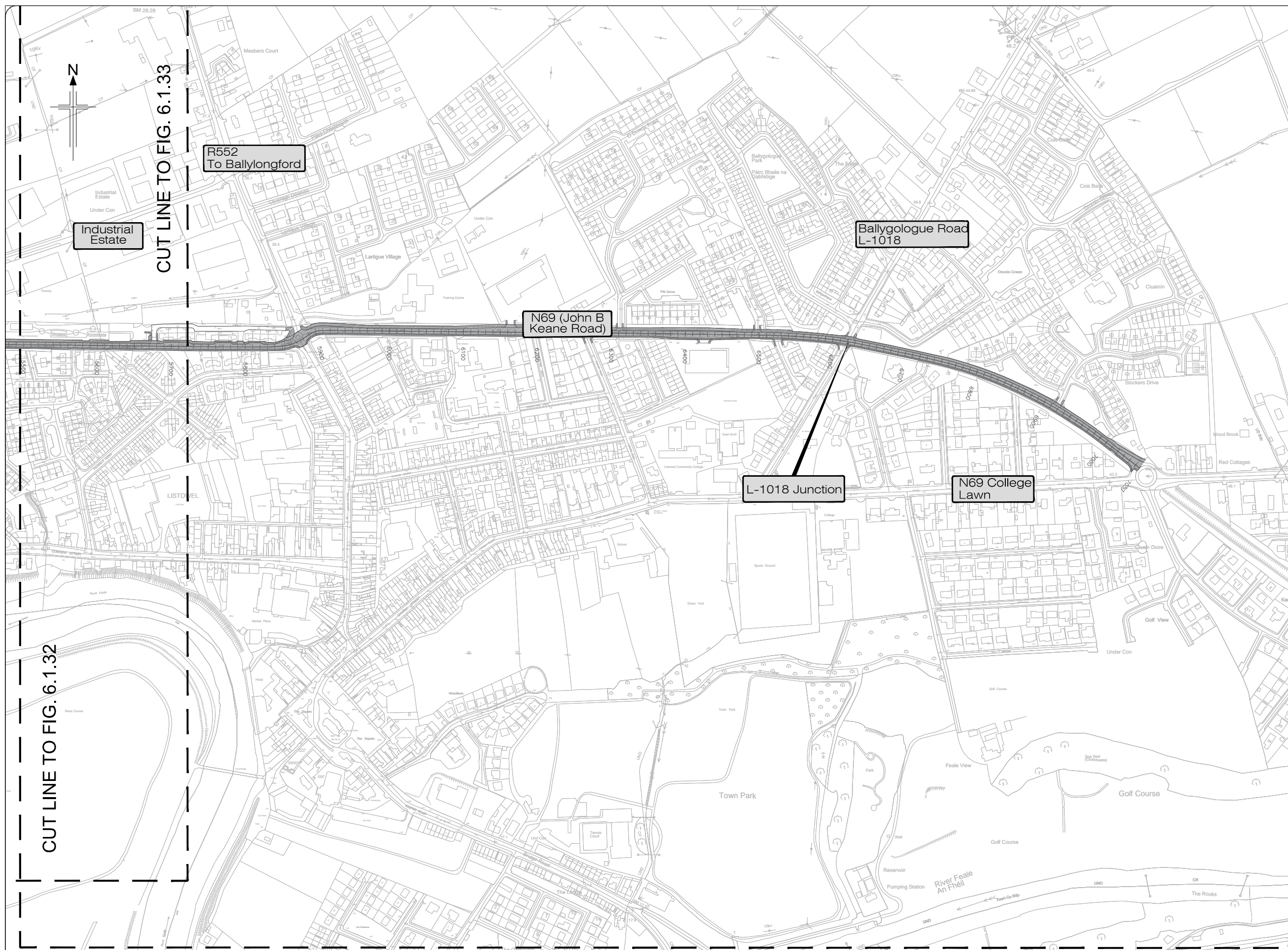
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Ecology Mitigation - Sheet 4 of 5
Design:	AS
Drawn:	MW
Checked:	AM
File Name:	32105301/EIS/FIG 6.1.32
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017

- Legend:**
-  Proposed Development
 -  Mammal underpass
 -  Badger fencing
 -  Otter fencing
 -  Planting - see notes for description
 -  Vegetation to be retained



KEY PLAN




All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Ecology Mitigation - Sheet 5 of 5	
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 6.1.33	

Legend:

-  Proposed Development
-  Regionally Important Aquifer - Karstified
-  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones







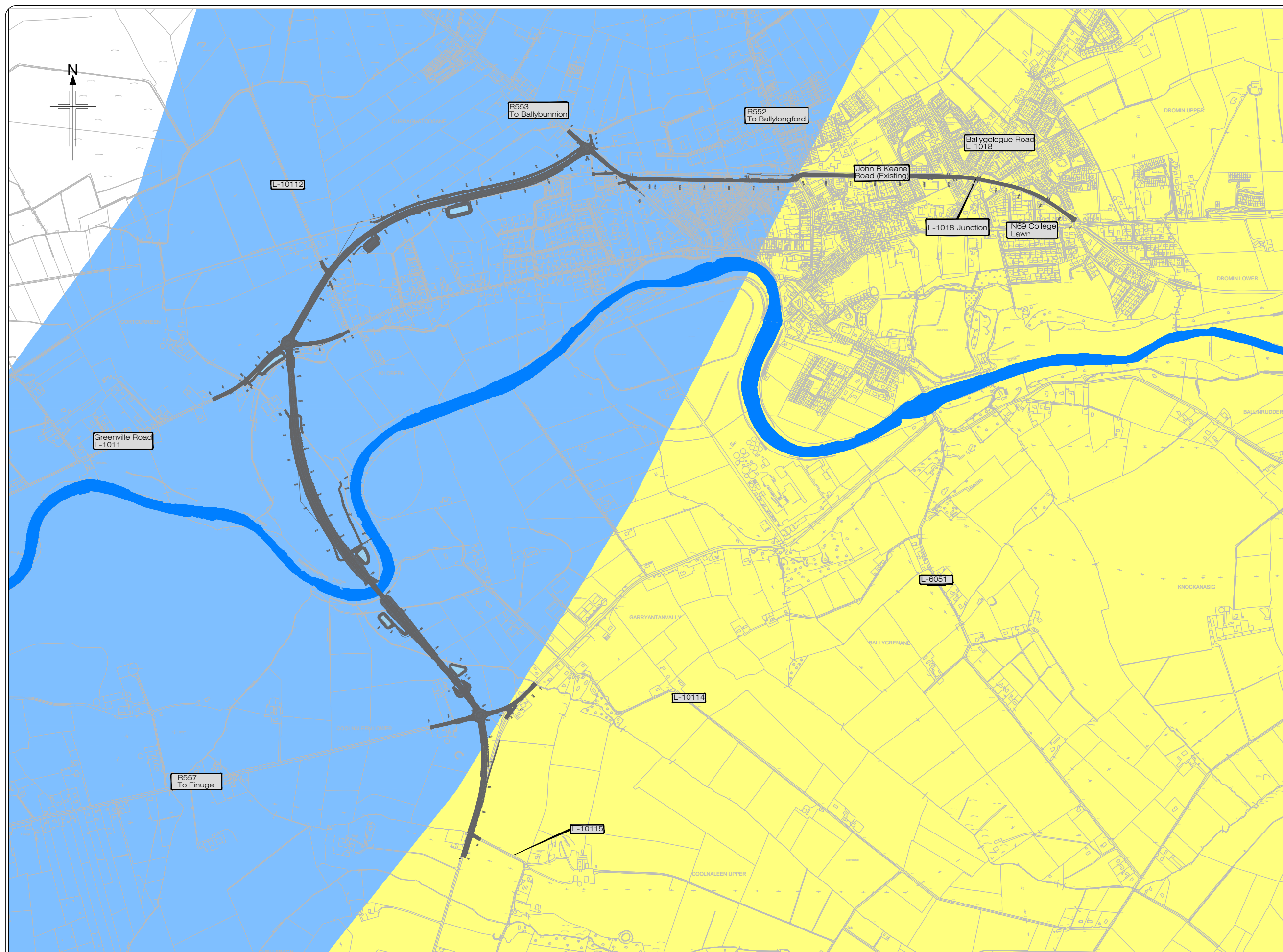
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Aquifer Classification	
Design: JTM	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Figure 7.1.1	

- Legend:**
-  Proposed Development
 -  Namurian Undifferentiated
 -  Dinantian Pure Unbedded Limestones
 -  Dinantian Lower Impure Limestones









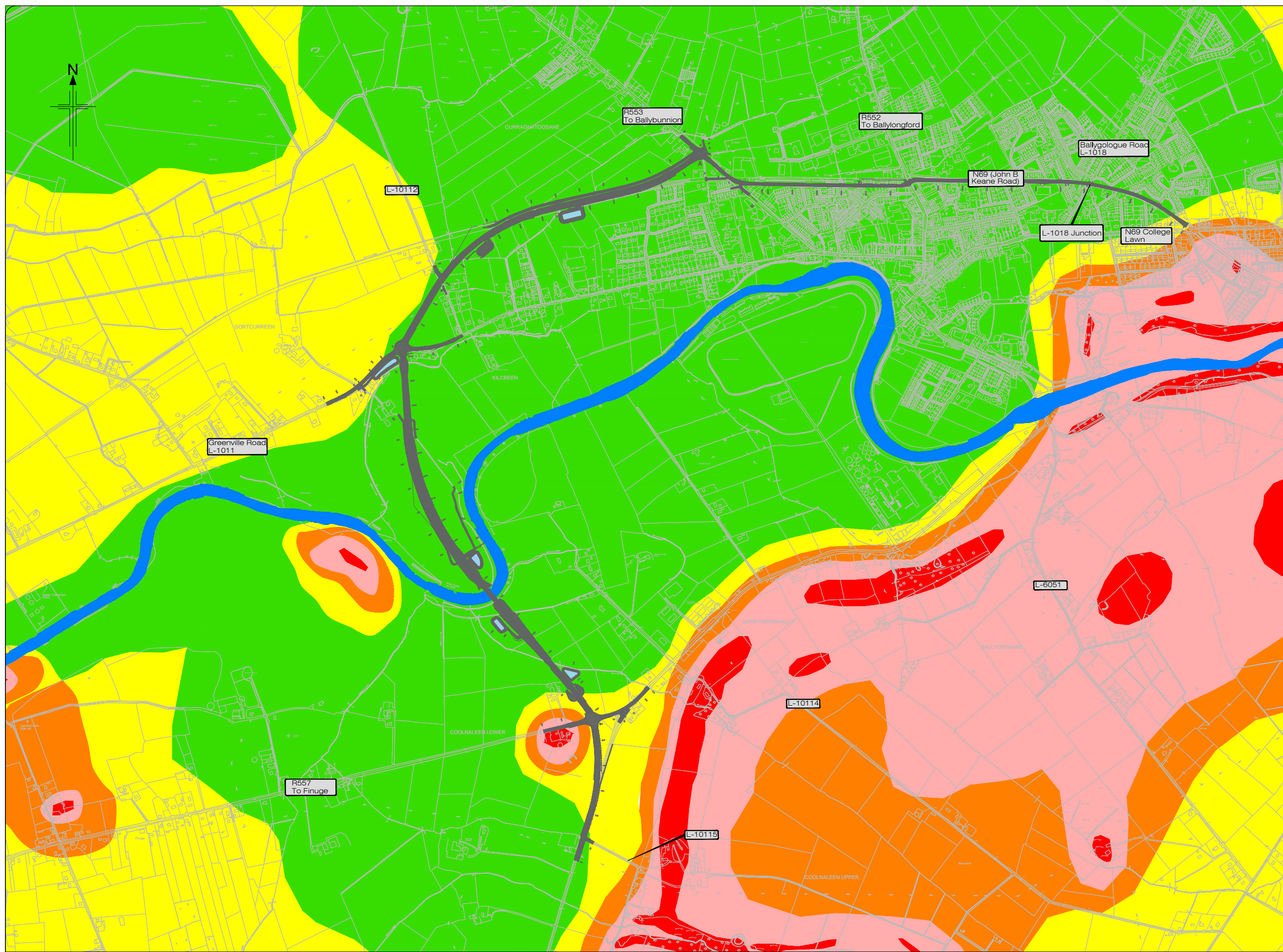
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Bedrock Geology
Designer:	JTM
Drawn:	MW
Checked:	AM
File Name:	
Original scales:	1:7,500 @ A1 1:15,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 7.1.2

- Legend:**
-  Proposed Development
 -  X(Rock near Surface or Karst)
 -  E-Extreme Vulnerability
 -  H-High Vulnerability
 -  M-Moderate Vulnerability
 -  L-Low Vulnerability



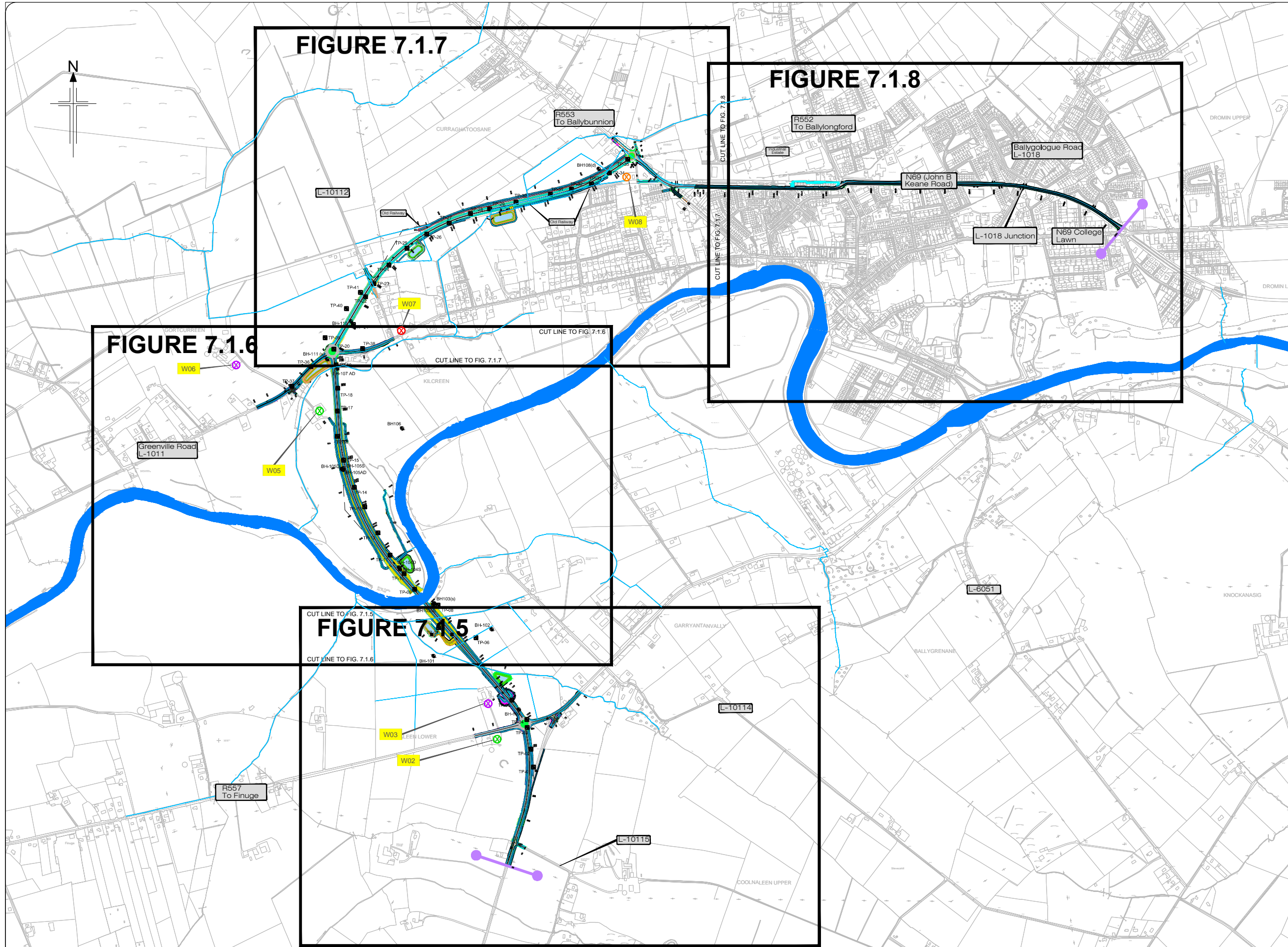
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Groundwater Vulnerability
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Check: AM	Date: April 2017
	Drawing No. 32105301/EIS/Fig 7.1.3

- Legend:**
- Scheme Terminus Locations
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Borehole Locations
 - Trial Pit Locations
 - Agricultural Well
 - Disused Well
 - Backup Well
 - Agriculture & Drinking Well
 - W03 Agriculture & Drinking Well



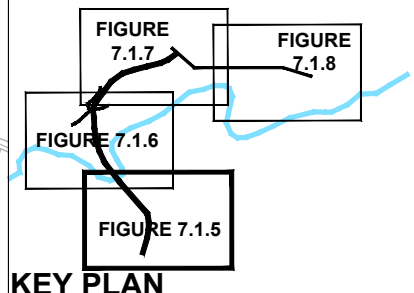
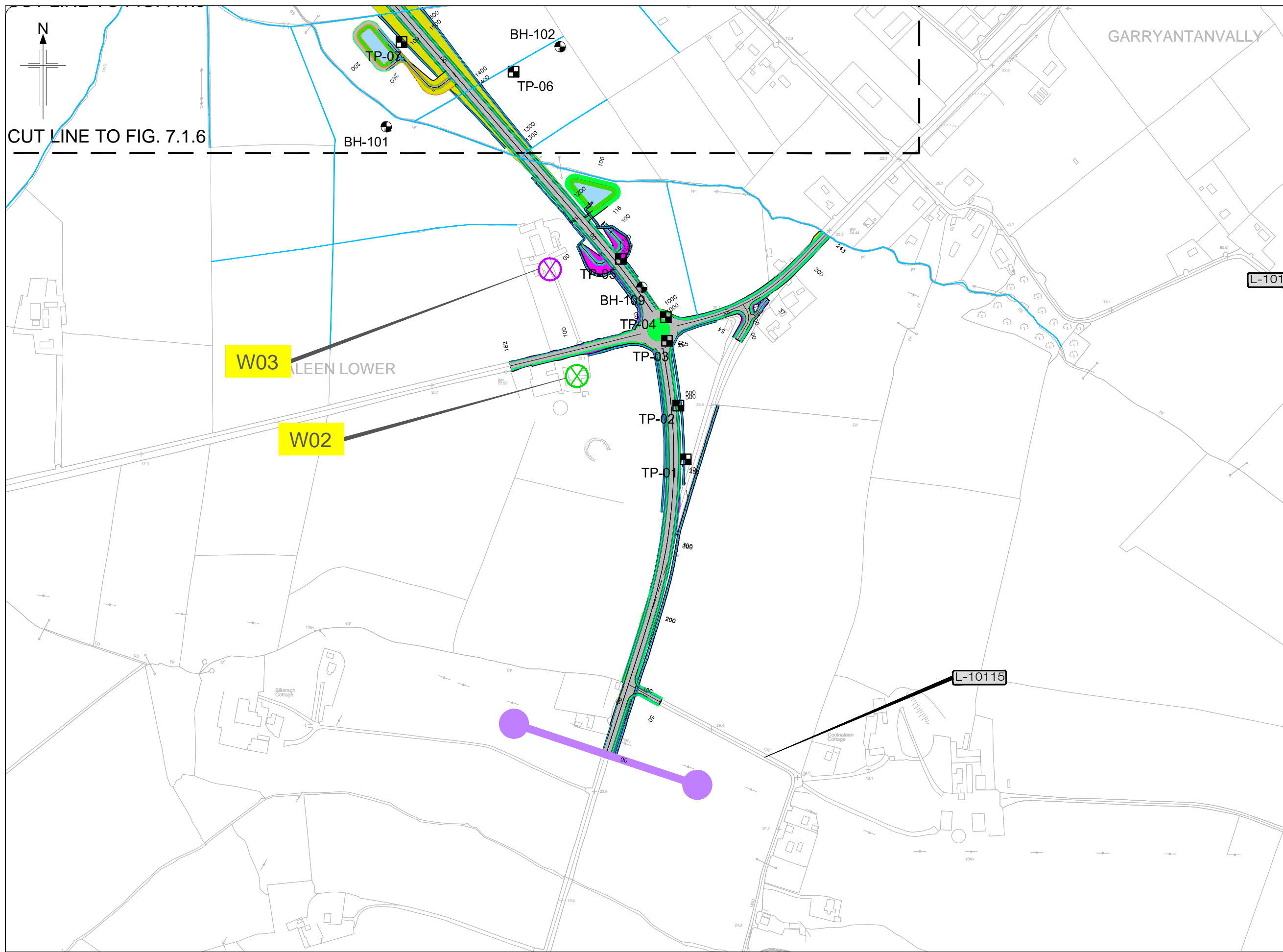
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Borehole, Trial Pit and Private Water Supply Locations - Sheet 1 of 5
Design: JTM	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Check: AM	Date: April 2017
Drawing No. 32105301/EIS/Fig 7.1.4	

- Legend:**
- Scheme Terminus Locations
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Borehole Locations
 - Trial Pit Locations
 - Agricultural Well
 - Disused Well
 - Backup Well
 - Agriculture & Drinking Well
 - W03 Agriculture & Drinking Well

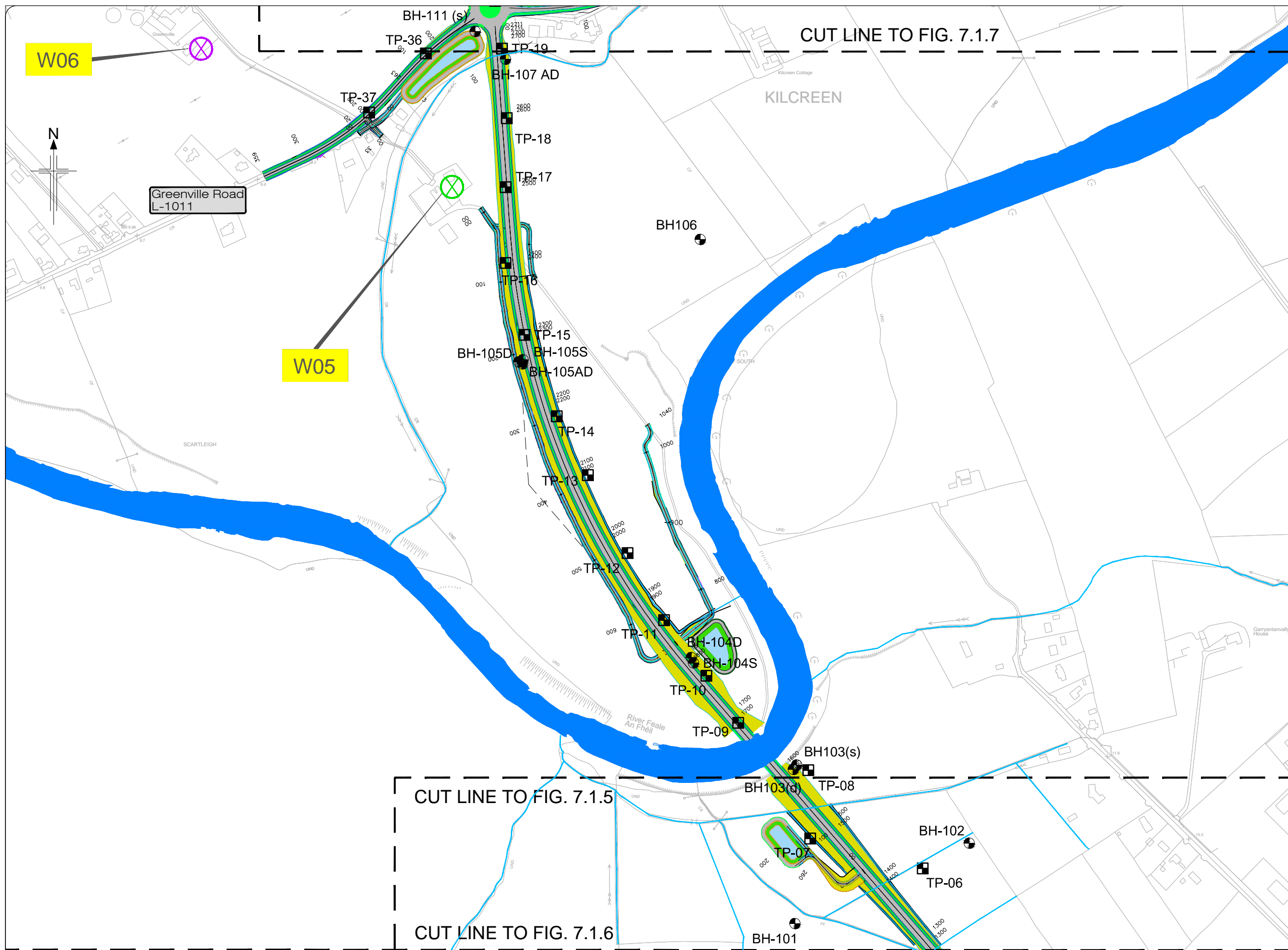


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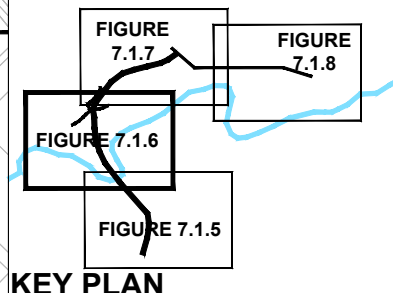
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Borehole, Trial Pit and Private Water Supply Locations - Sheet 2 of 5
Designed: OD	File Name:
Drawn: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Checked: AM	Date: April 2017
32105301/EIS/Fig 7.1.5	



Legend:

- Scheme Terminus Locations
- New Road Element on Embankment
- New Road Element in Cutting
- Attenuation Pond/Wetland
- Borehole Locations
- Trial Pit Locations
- Agricultural Well
- Disused Well
- Backup Well
- Agriculture & Drinking Well
- W03 Agriculture & Drinking Well



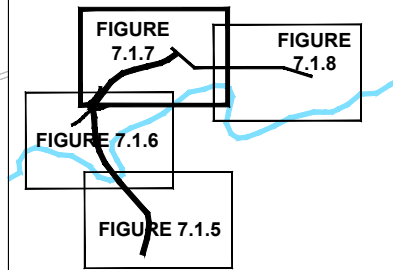
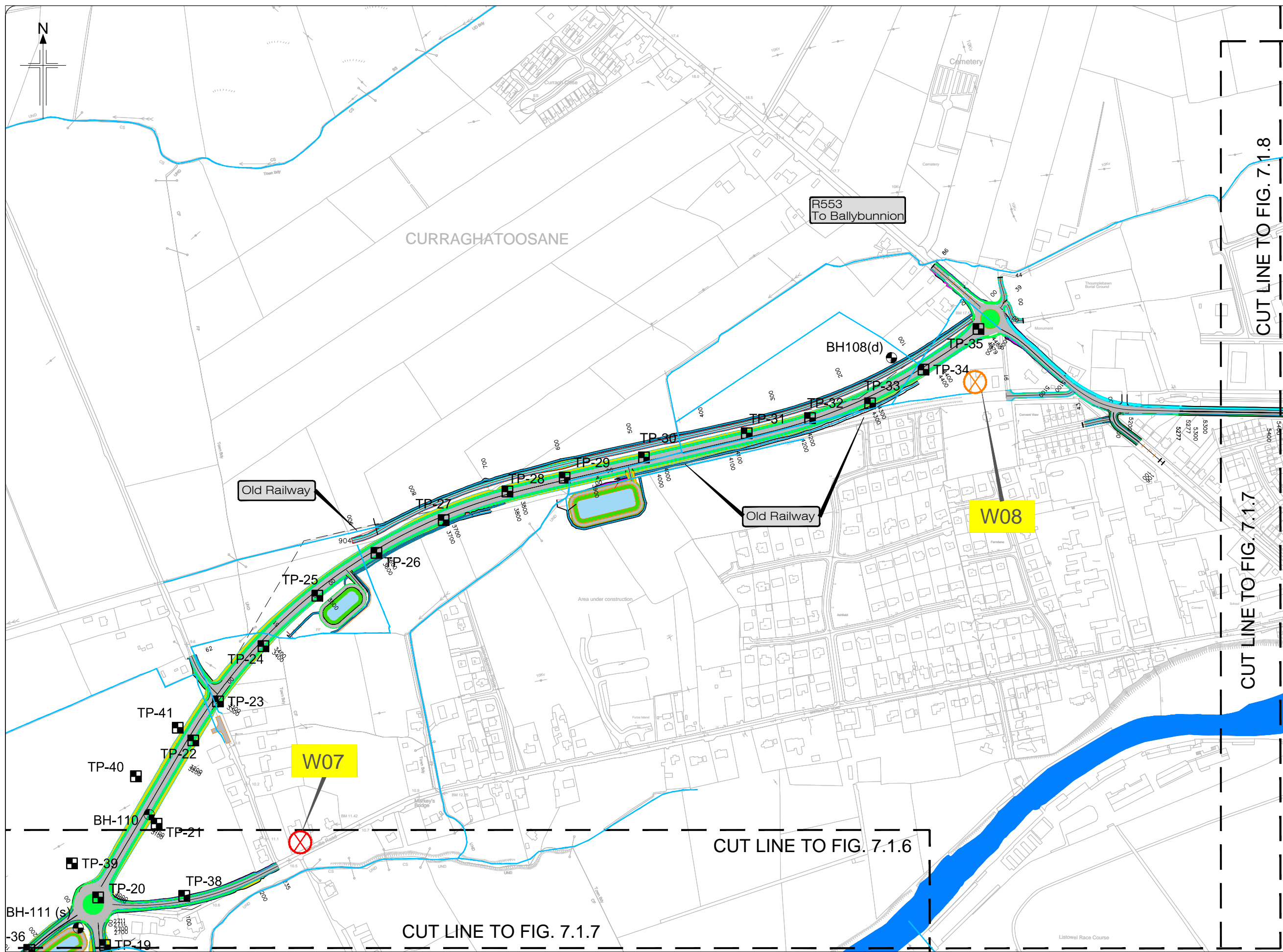
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Borehole, Trial Pit and Private Water Supply Location - Sheet 3 of 5
Designed:	OD
Drawn:	MW
Checked:	AM
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 7.1.6

- Legend:**
- Scheme Terminus Locations
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Borehole Locations
 - Trial Pit Locations
 - Agricultural Well
 - Disused Well
 - Backup Well
 - Agriculture & Drinking Well
 - W03 Agriculture & Drinking Well



KEY PLAN

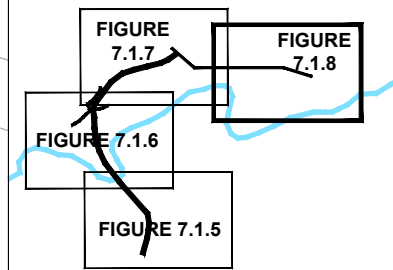
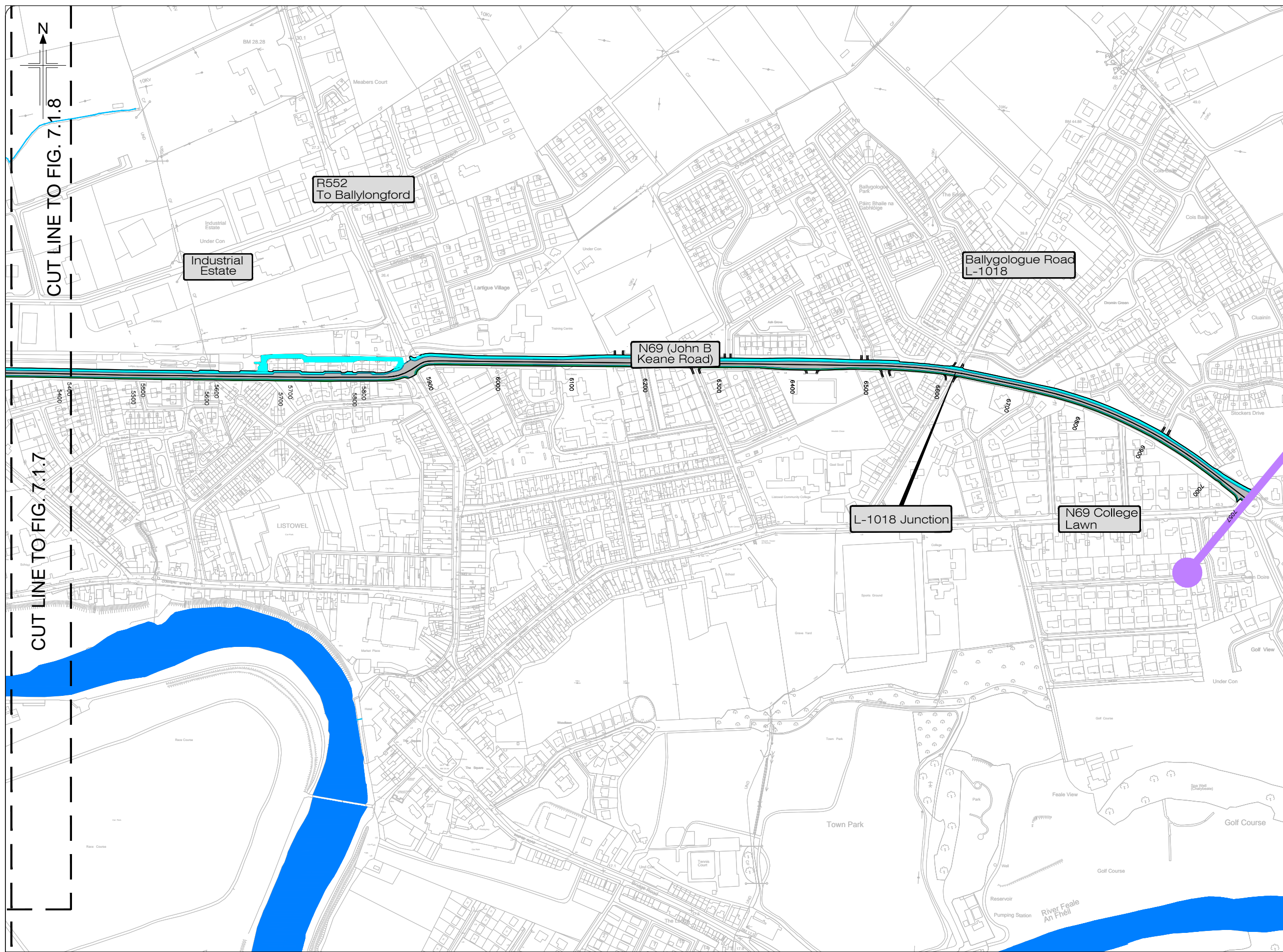
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Borehole, Trial Pit and Private Water Supply Locations - Sheet 4 of 5
Drawn:	MW
Checked:	AM
File Name:	32105301/EIS/Fig 7.1.7
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017

- Legend:**
- Scheme Terminus Locations
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Borehole Locations
 - Trial Pit Locations
 - Agricultural Well
 - Disused Well
 - Backup Well
 - Agriculture & Drinking Well
 - W03 Agriculture & Drinking Well



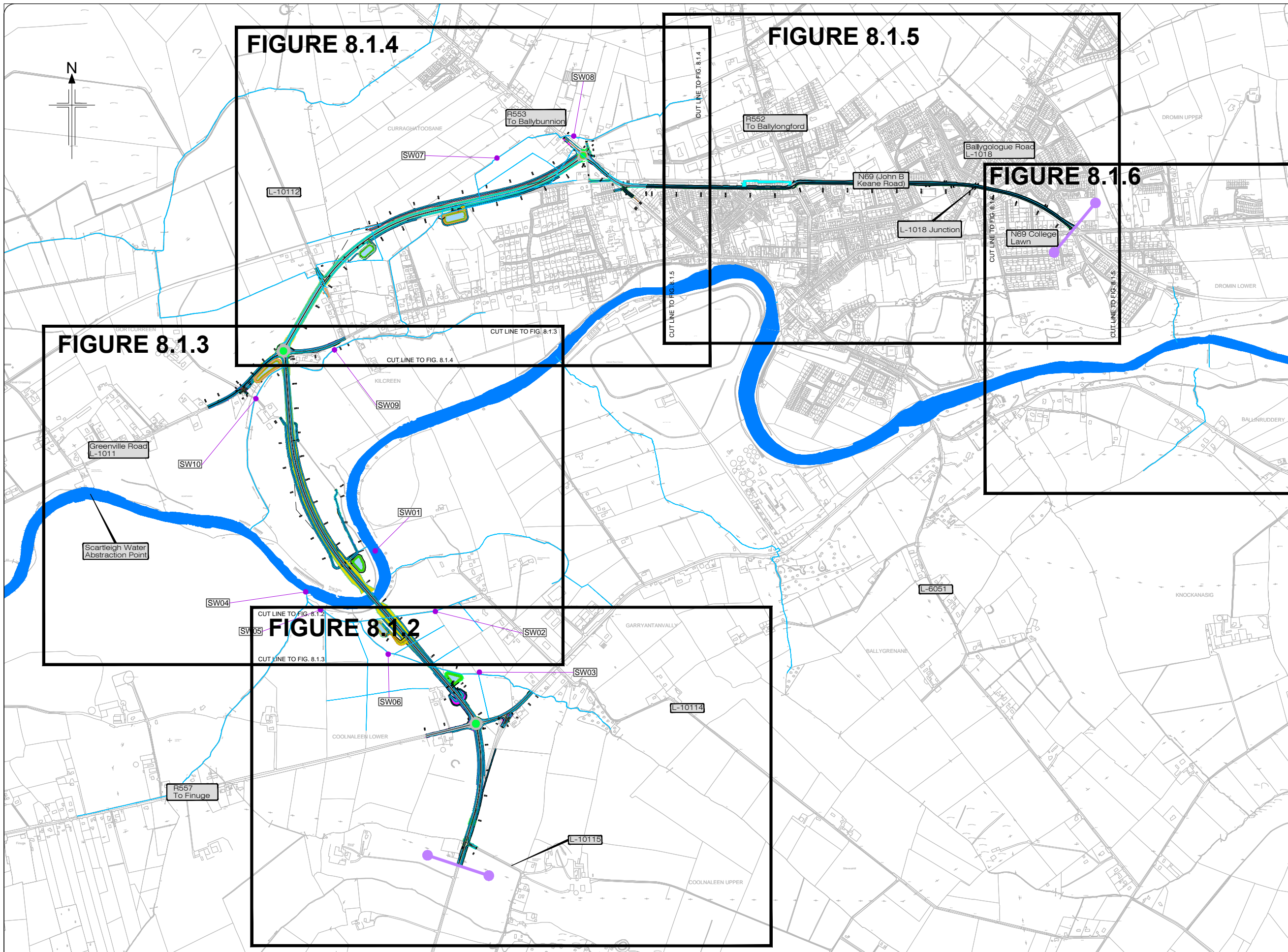
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Borehole, Trial Pit and Private Water Supply Locations - Sheet 5 of 5
Designed:	OD
Drawn:	MW
Checked:	AM
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 7.1.8

- Legend:**
- Scheme Terminus Locations
 - Proposed Development
 - Sampling Locations (SW01)
 - Water Features (WF1)

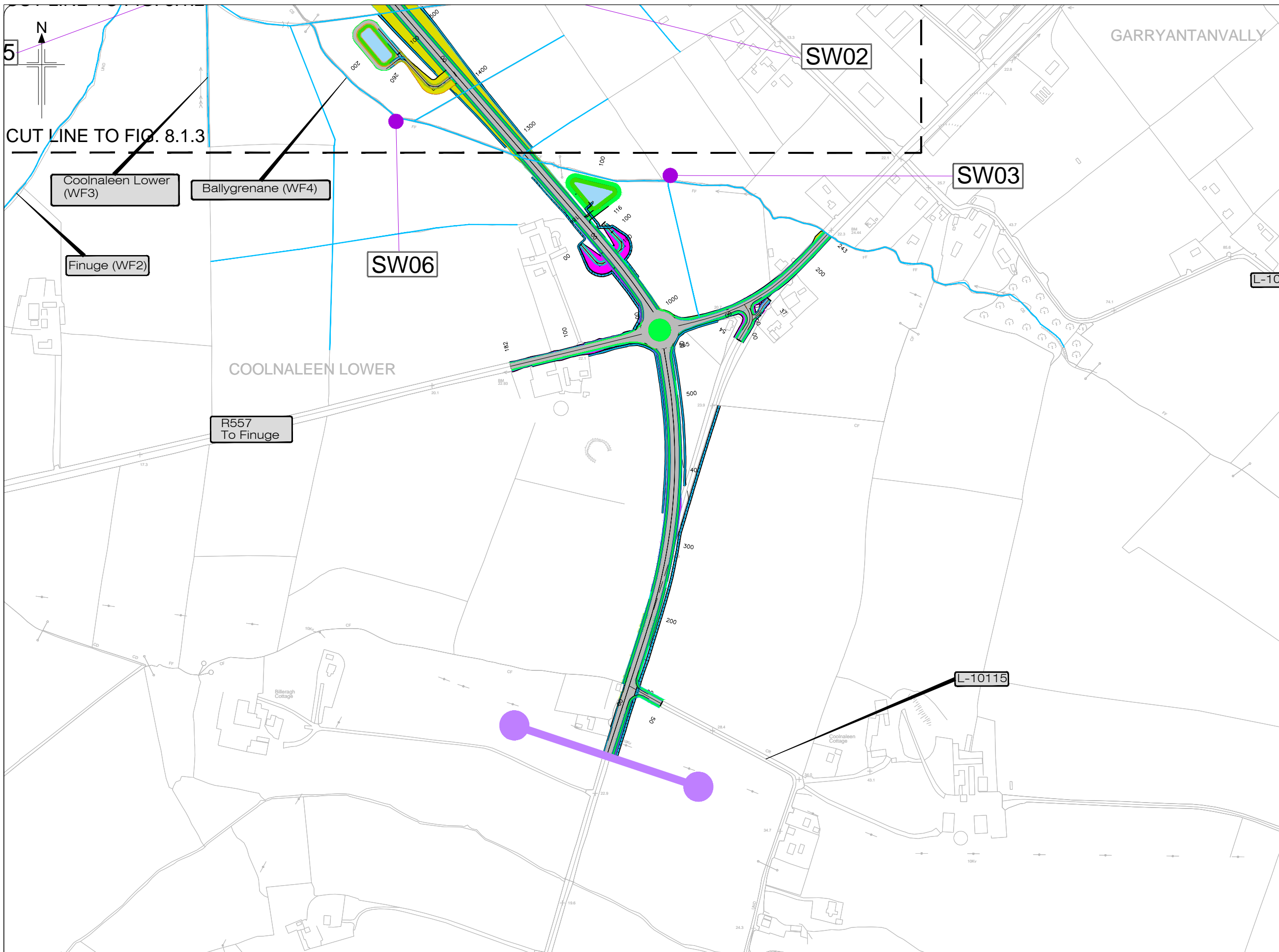


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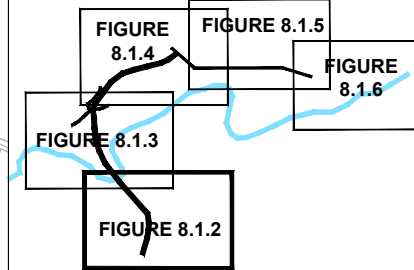
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Surface Water Features - Sheet 1 of 6
Design: JTM	File Name:
Drawn: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Checked: AM	Date: April 2017
	Drawing No: 32105301/EIS/Fig 8.1.1



Drawing Number
32105301/EIS/Figure 8.1.2

- Legend:**
- Scheme Terminus Locations
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Sampling Locations (SW01)
 - Water Features (WF1)



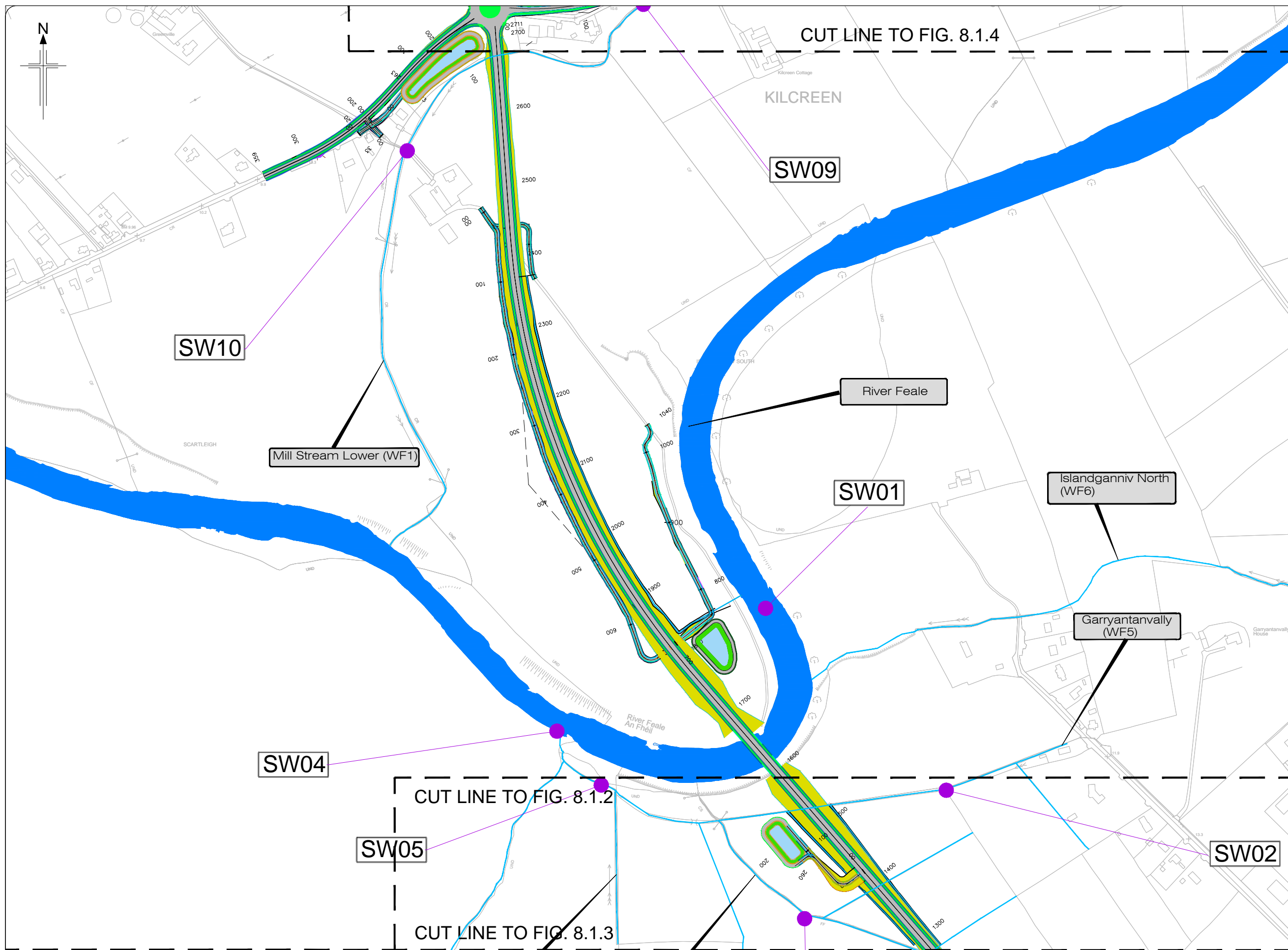
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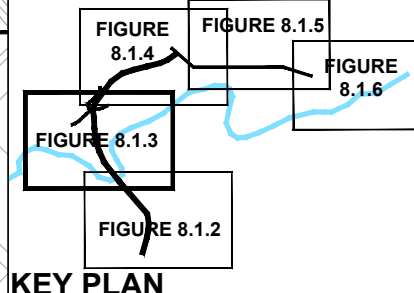
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Surface Water Features - Sheet 2 of 6
Designed:	OD
Drawn:	MW
Checked:	AM
File Name:	1:2,500 @ A1 1:5,000 @ A3
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/Fig 8.1.2



Legend:

- Scheme Terminus Locations
- New Road Element on Embankment
- New Road Element in Cutting
- Attenuation Pond/Wetland
- Sampling Locations SW01
- Water Features (WF1)









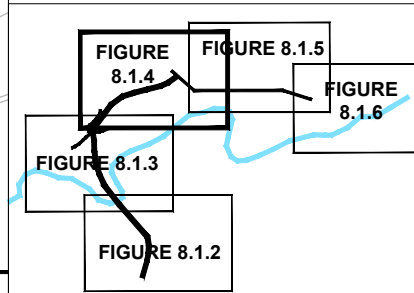
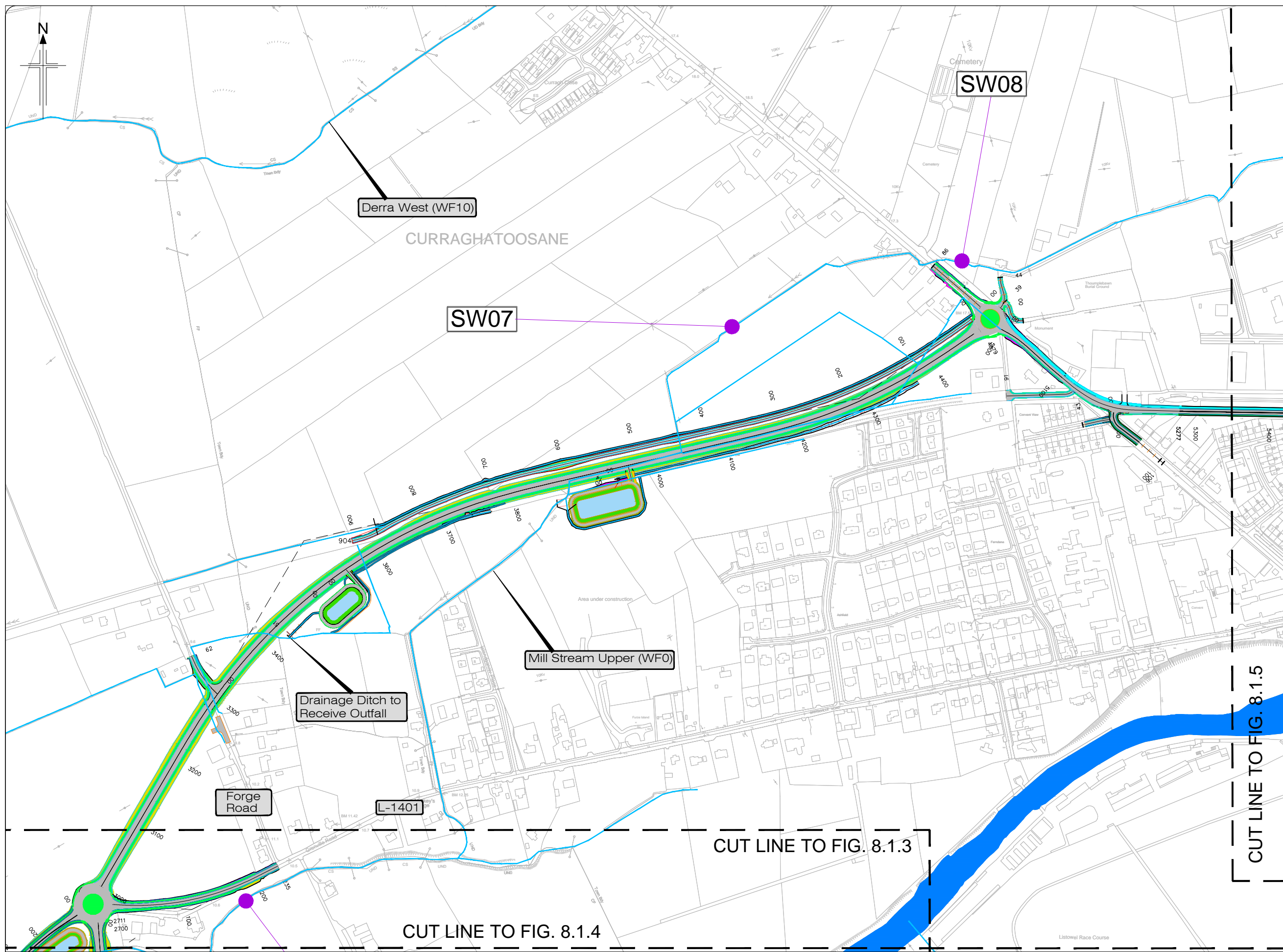
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project: N69 LISTOWEL BYPASS		Drawing No:
Component: Environmental Impact Statement		32105301/EIS/Fig 8.1.3
Title: Surface Water Features - Sheet 3 of 6		
Designed: OD	File Name:	
Drawn: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3	
Checked: AM	Date: April 2017	

- Legend:**
-  Scheme Terminus Locations
 -  New Road Element on Embankment
 -  New Road Element in Cutting
 -  Attenuation Pond/Wetland
 -  Sampling Locations [SW01]
 -  Water Features (WF1)



KEY PLAN

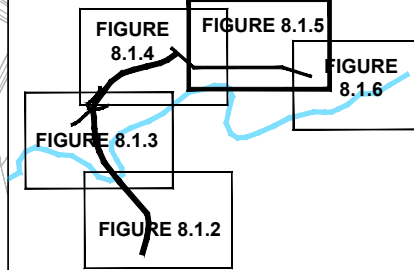
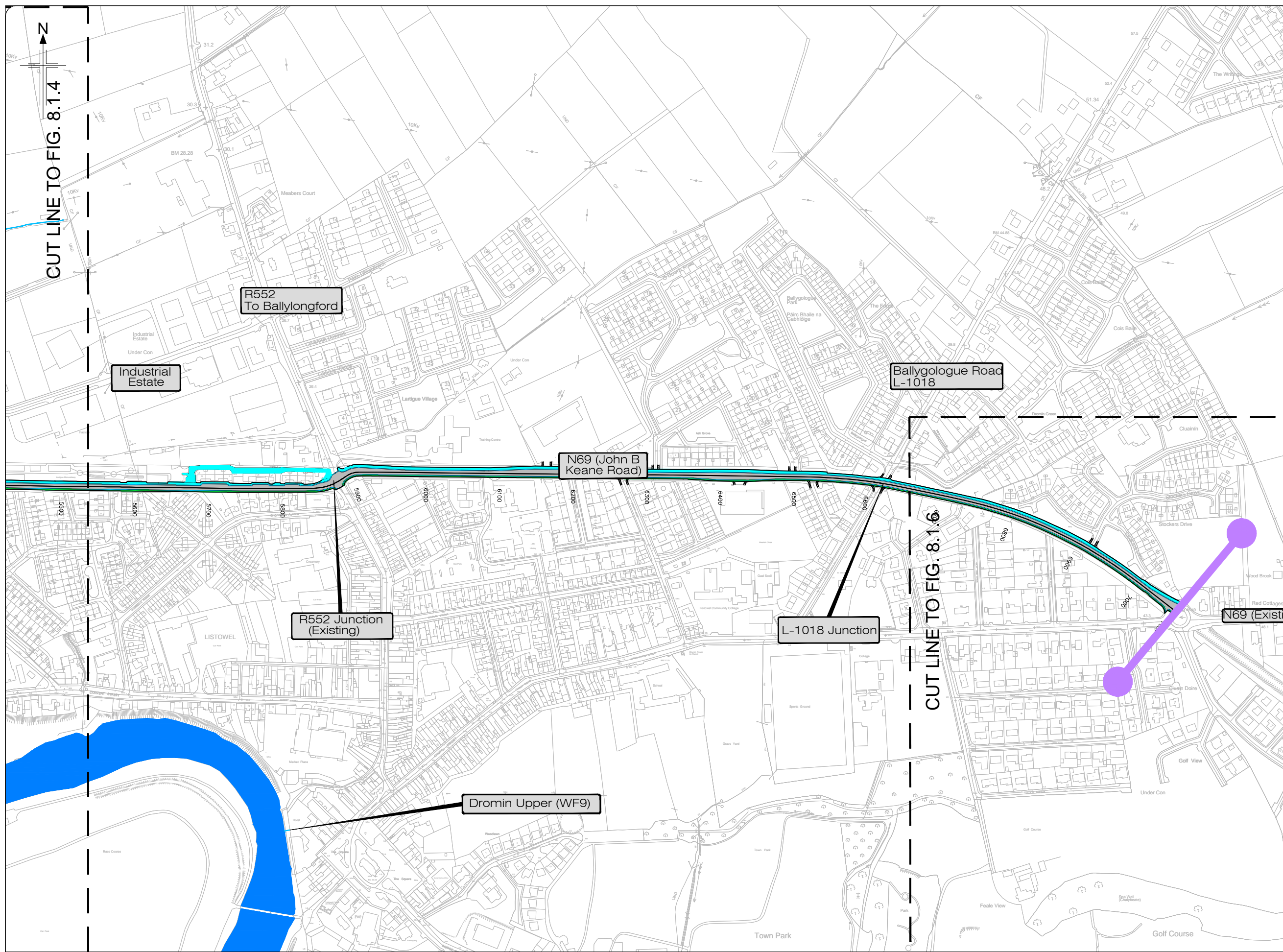
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Surface Water Features - Sheet 4 of 6
Design: OD	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 8.1.4	

- Legend:**
- Scheme Terminus Locations
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Sampling Locations SW01
 - Water Features (WF1)



KEY PLAN

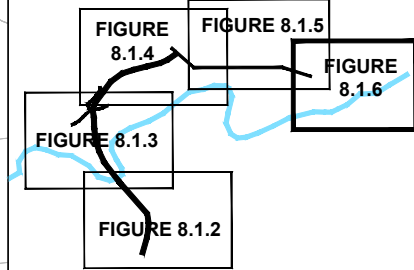
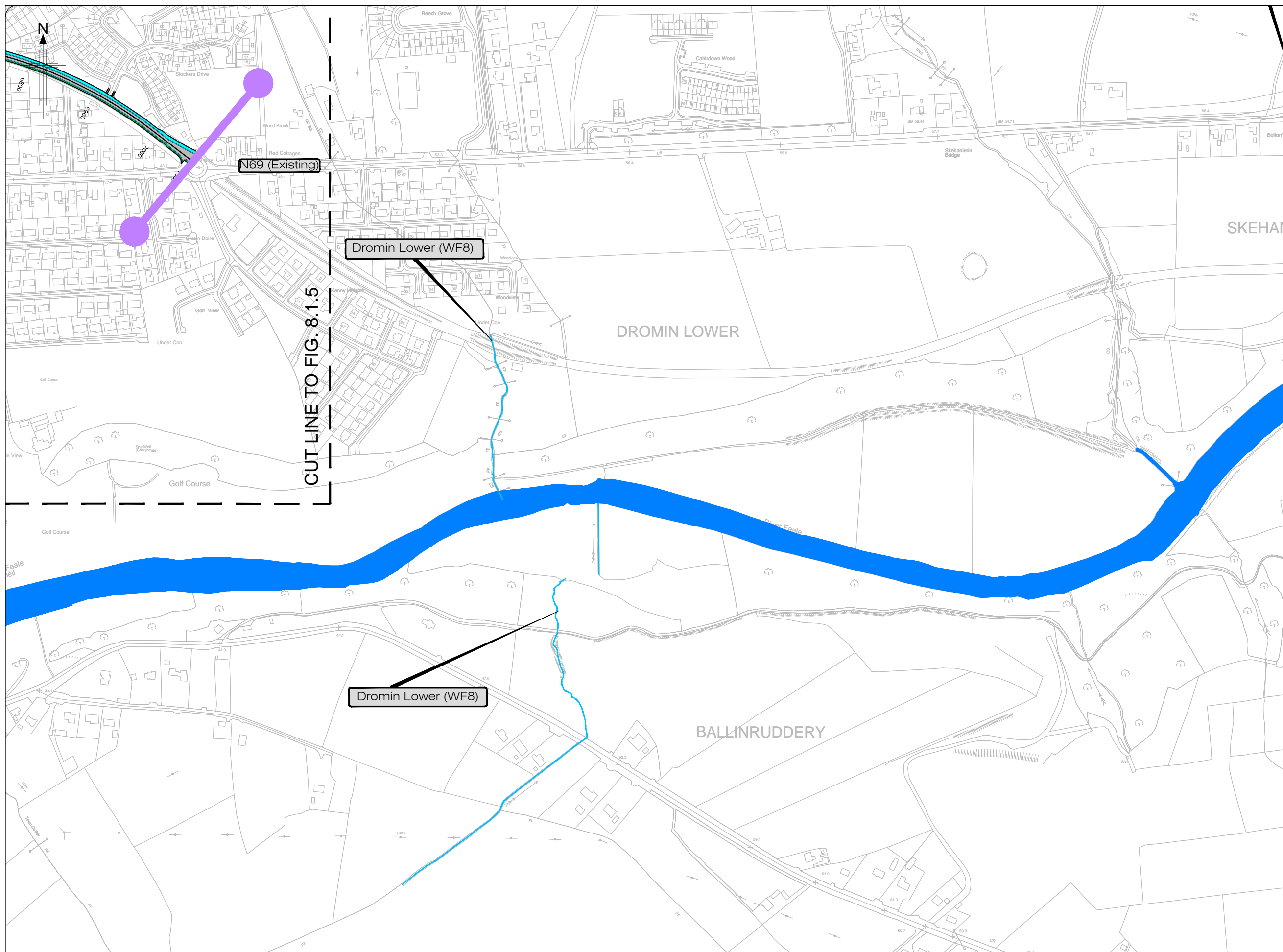
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Surface Water Features - Sheet 5 of 6
Designed:	OD
Drawn:	MW
Checked:	AM
File Name:	
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	April 2017
Drawing No:	32105301/EIS/Fig 8.1.5

- Legend:**
- Scheme Terminus Locations
 - New Road Element on Embankment
 - New Road Element in Cutting
 - Attenuation Pond/Wetland
 - Sampling Locations [SW01]
 - Water Features (WF1)







KEY PLAN

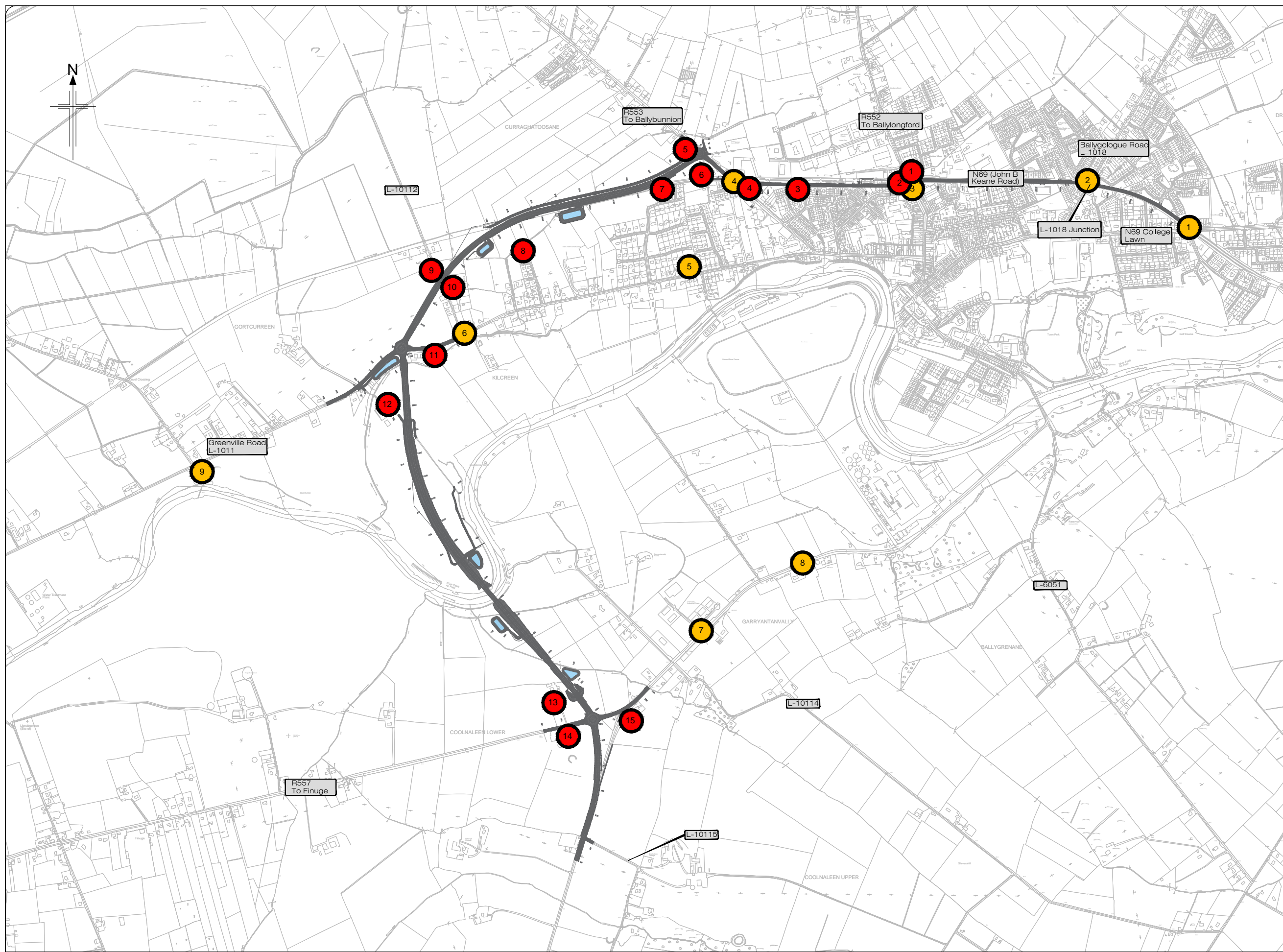
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Surface Water Features - Sheet 6 of 6
Designed: OD	File Name:
Drawn: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 8.1.6	

- Legend:**
-  Proposed Development
 -  Points 1 to 8 are NO2 Diffusion Tube Monitoring locations
 -  Point 9 is PM2.5 monitoring location AH site
 -  Air Quality Assessment Locations





All details shown on this drawing are indicative only and are subject to development at detailed design stage.

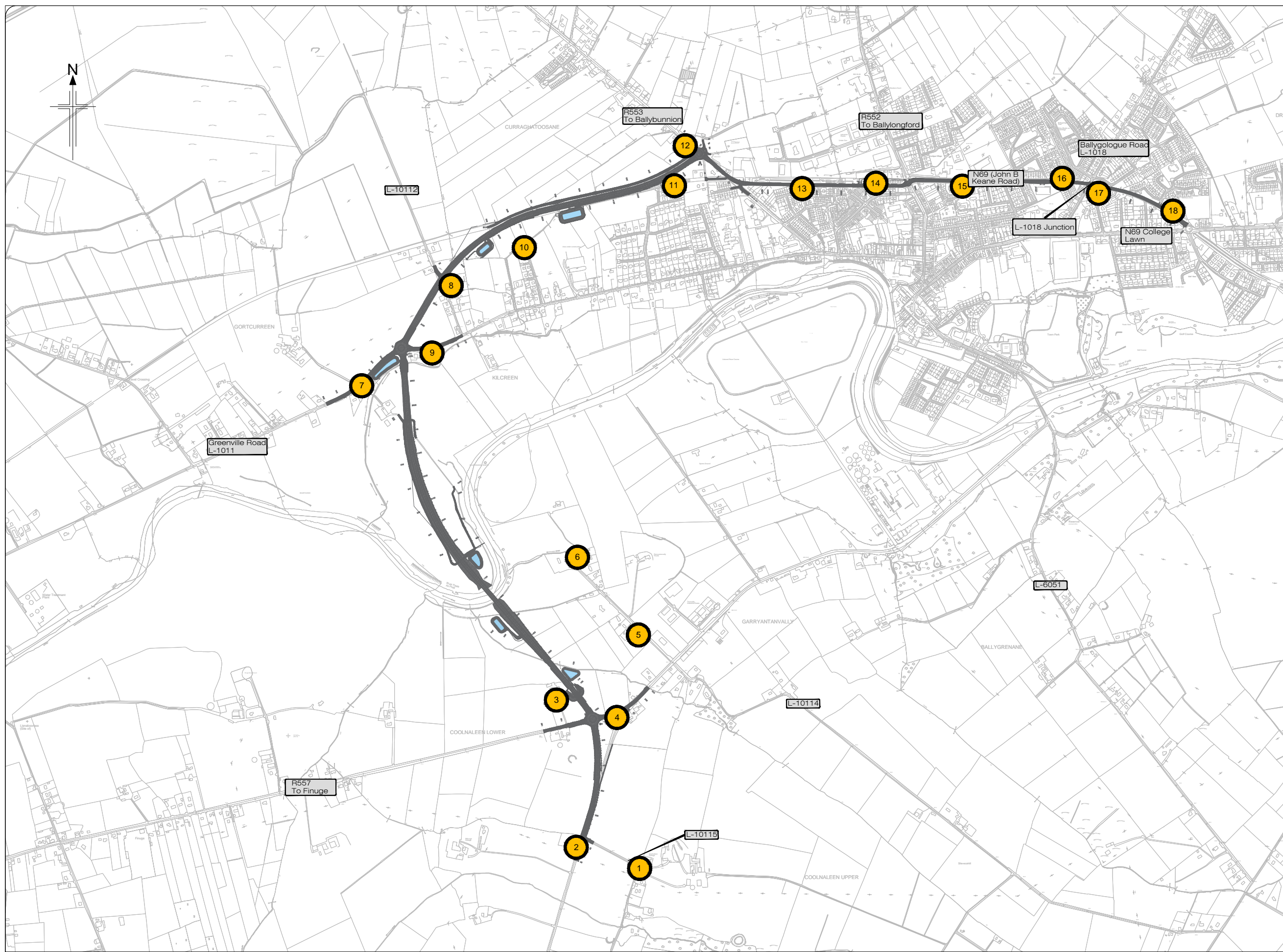


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Air Quality Assessment Location
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Check: AM	Date: April 2017
	Drawing No: 32105301/EIS/Fig 9.1.1

Legend:

-  Proposed Development
-  Noise Monitoring locations



All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Noise Monitoring Locations
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Check: AM	Date: April 2017
	Drawing No: 32105301/EIS/Fig 10.1.1




FIGURE 10.1.5

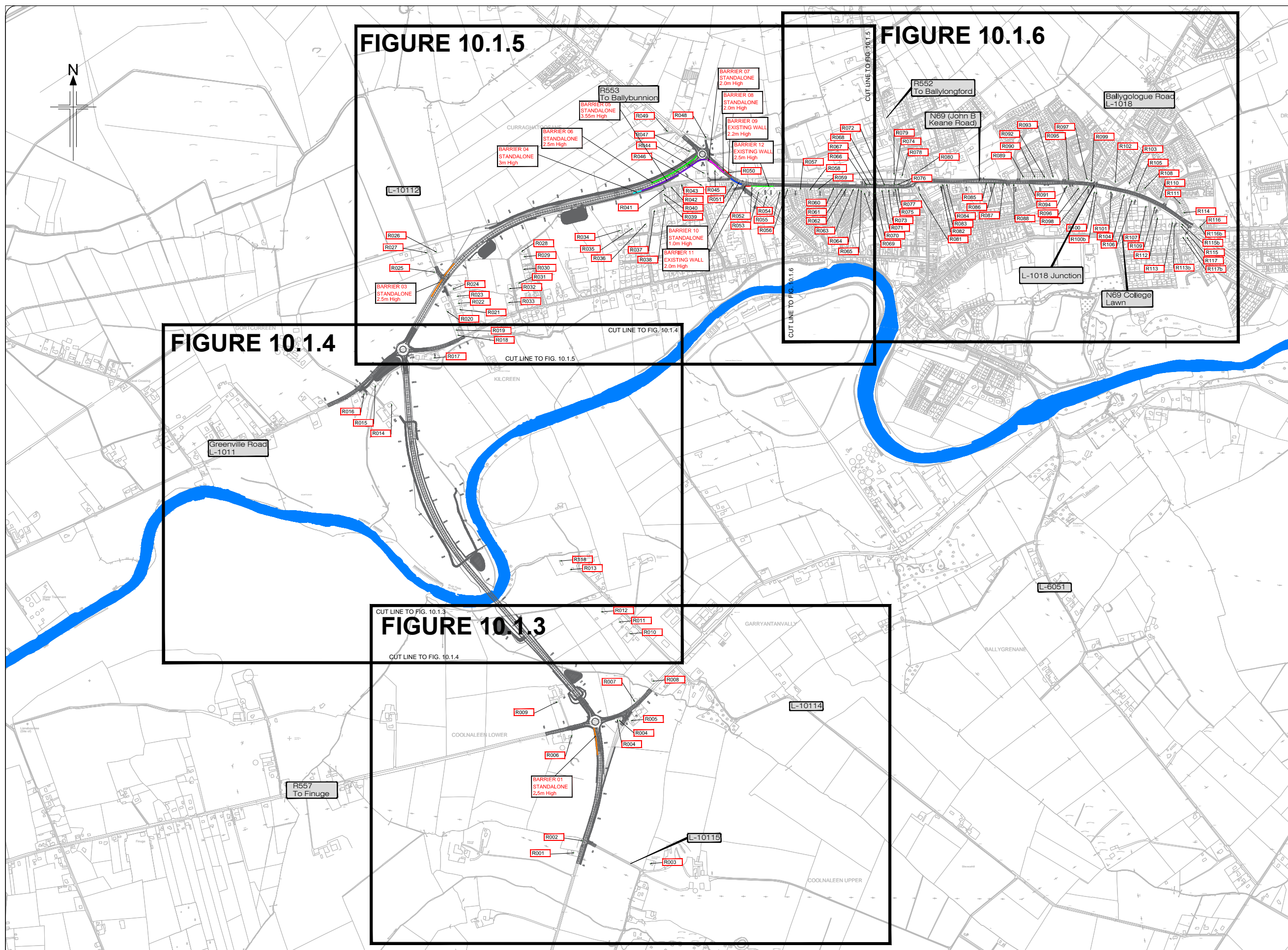
FIGURE 10.1.6

FIGURE 10.1.4

FIGURE 10.1.3

Legend:

-  Proposed Development
-  Noise Model Receiver Location
-  Barrier ID Number and Type






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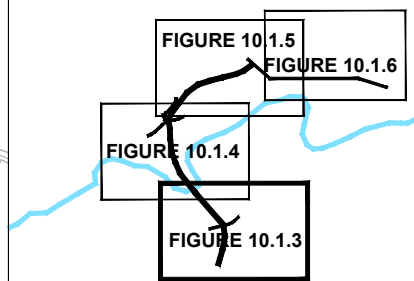
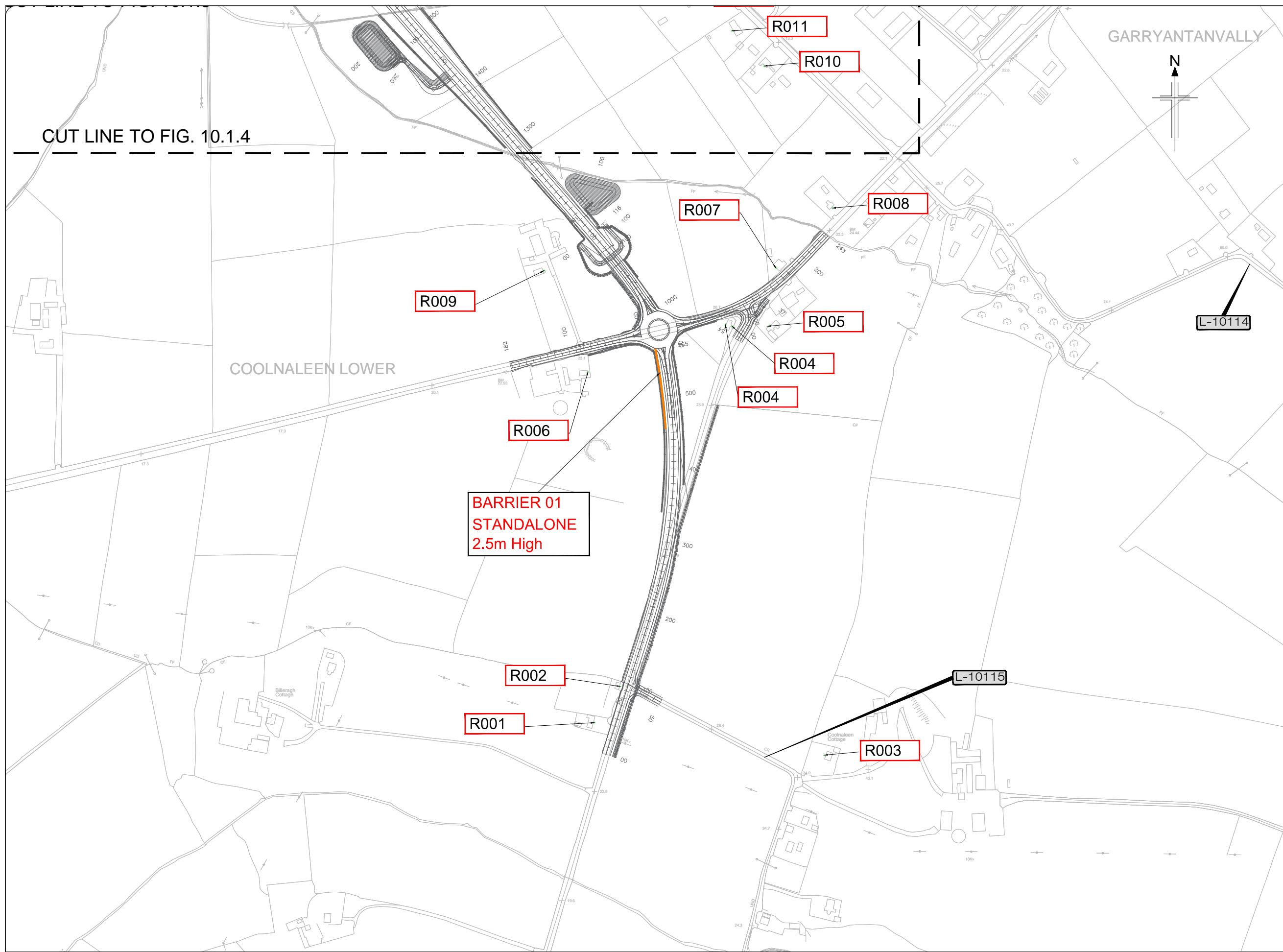


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Noise Model Receiver Locations - Sheet 1 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Checked: AM	Date: April 2017
Drawing No: 32105301/EIS/Fig 10.1.2	

Legend:

-  Proposed Development
-  Noise Model Receiver Location
-  Barrier ID Number and Type

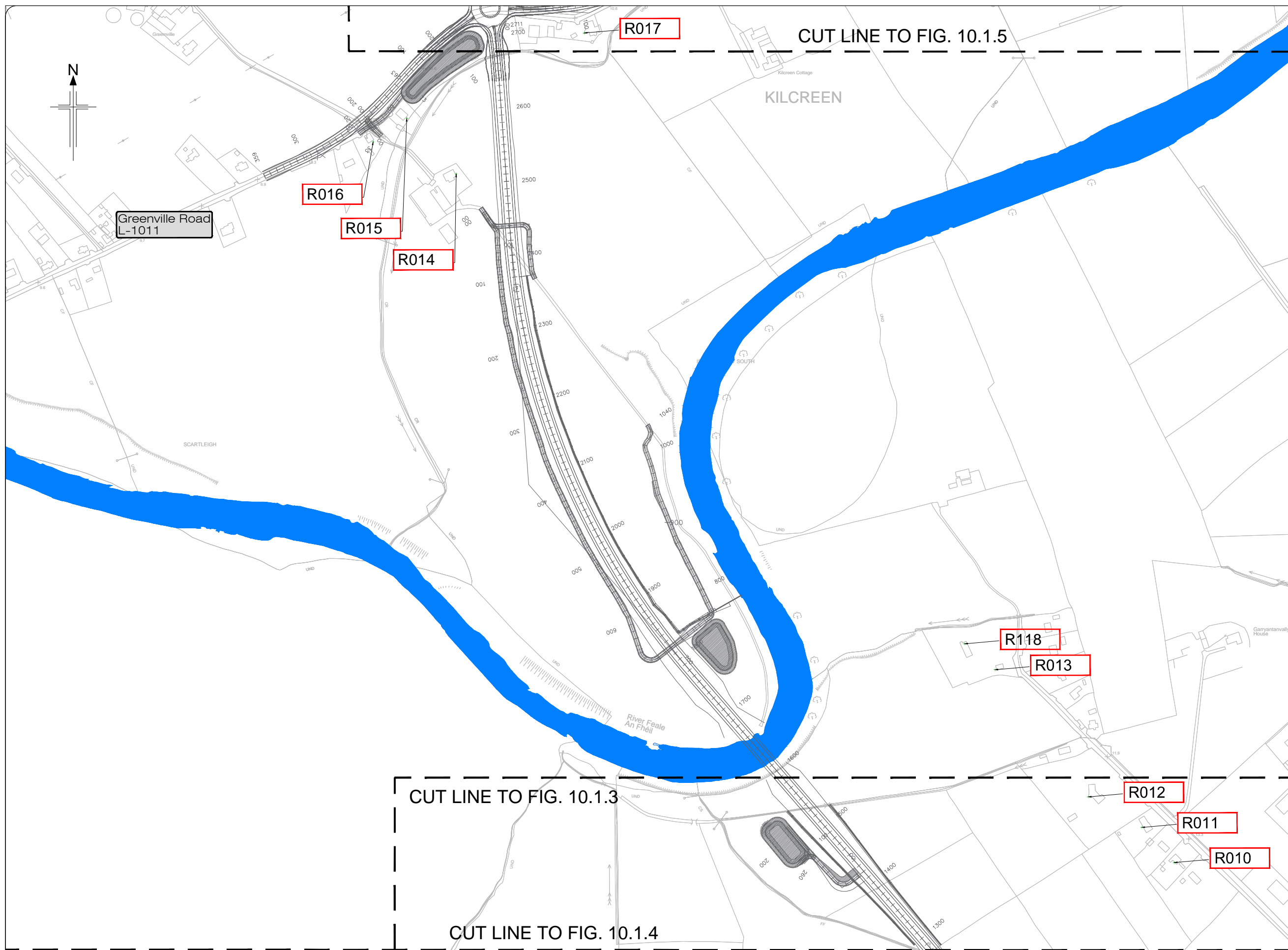


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



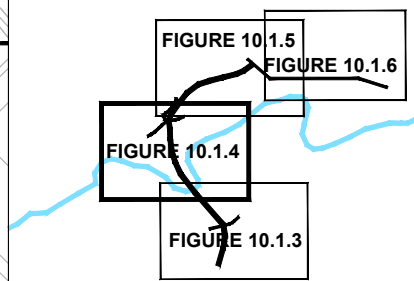
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Noise Model Receiver Locations - Sheet 2 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
	Drawing No: 32105301/EIS/Fig 10.1.3



Legend:

-  Proposed Development
-  Noise Model Receiver Location
-  Barrier ID Number and Type



KEY PLAN




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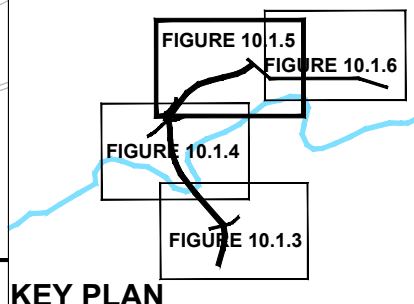
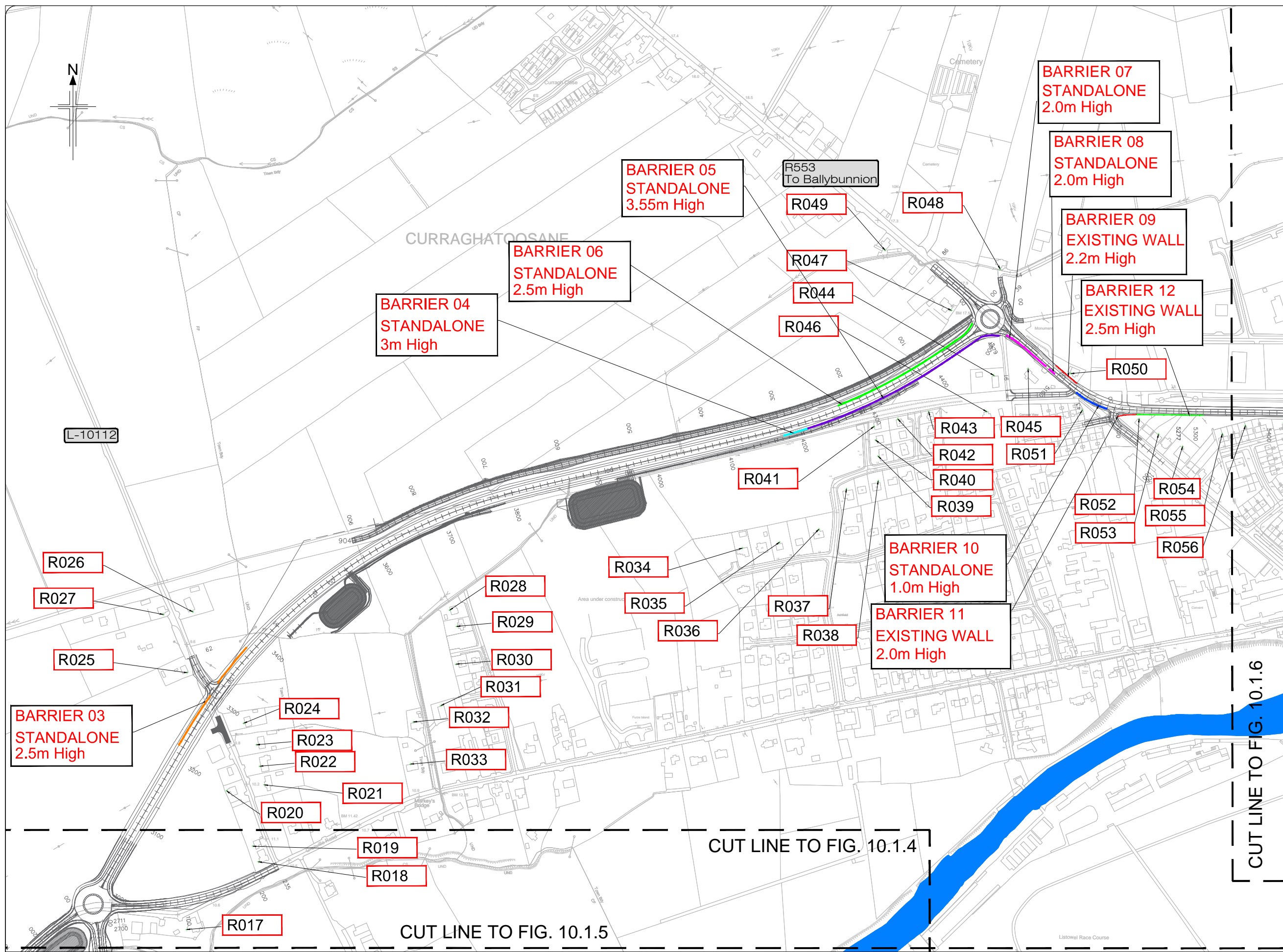


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Noise Model Receiver Locations - Sheet 3 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
Drawing No. 32105301/EIS/Fig 10.1.4	

Legend:

-  Proposed Development
-  Noise Model Receiver Location
-  Barrier ID Number and Type






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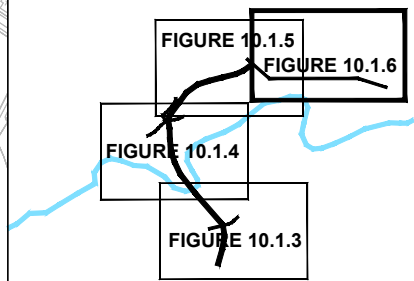
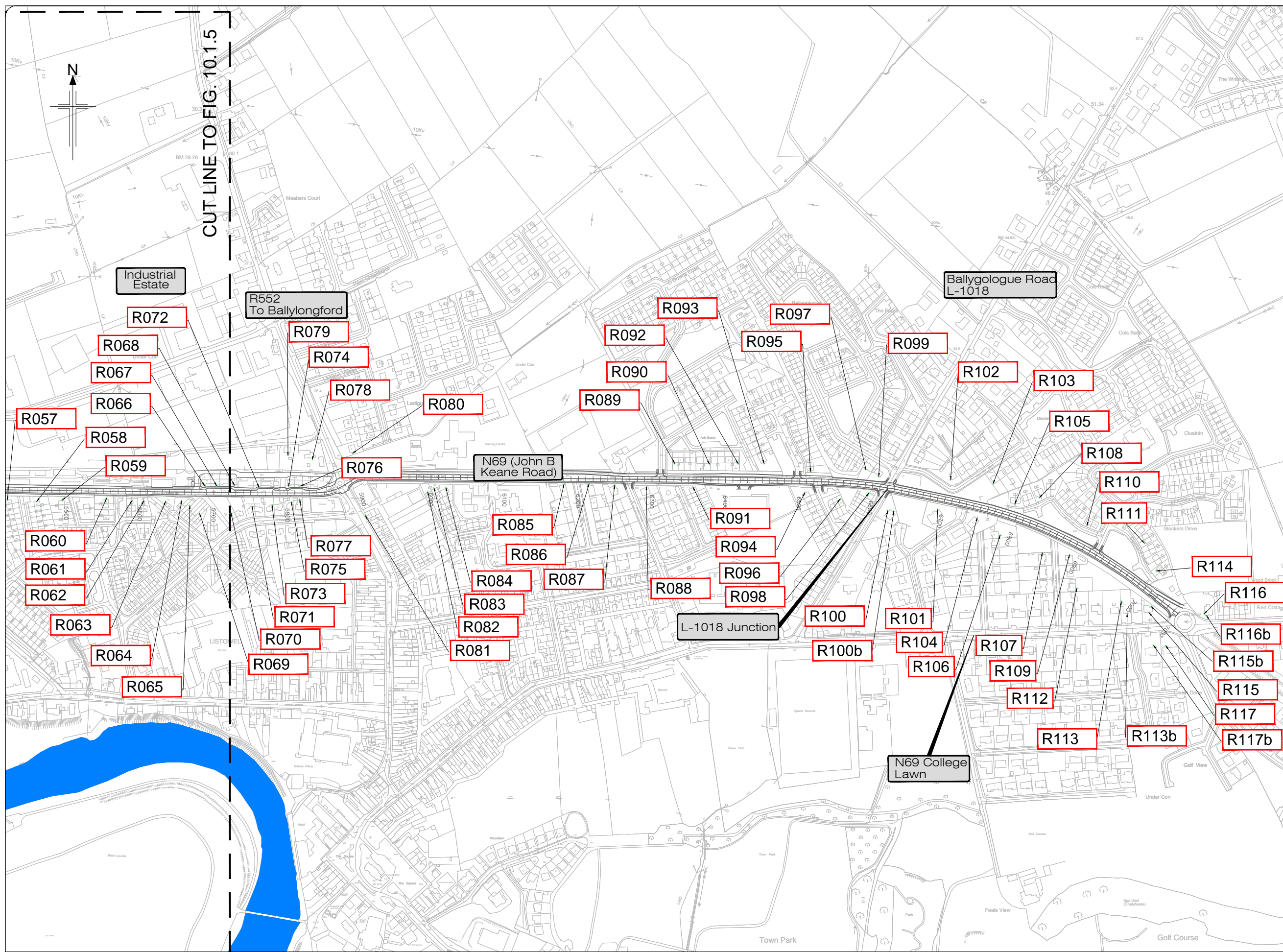


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Noise Model Receiver Locations - Sheet 4 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
Drawing No:	32105301/EIS/Fig 10.1.5

Legend:

-  Proposed Development
-  Noise Model Receiver Location
-  Barrier ID Number and Type



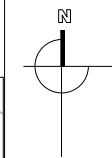
KEY PLAN

All details shown on this drawing are indicative only and are subject to development at detailed design stage.






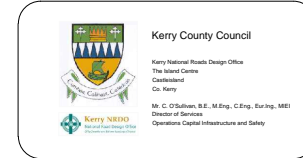
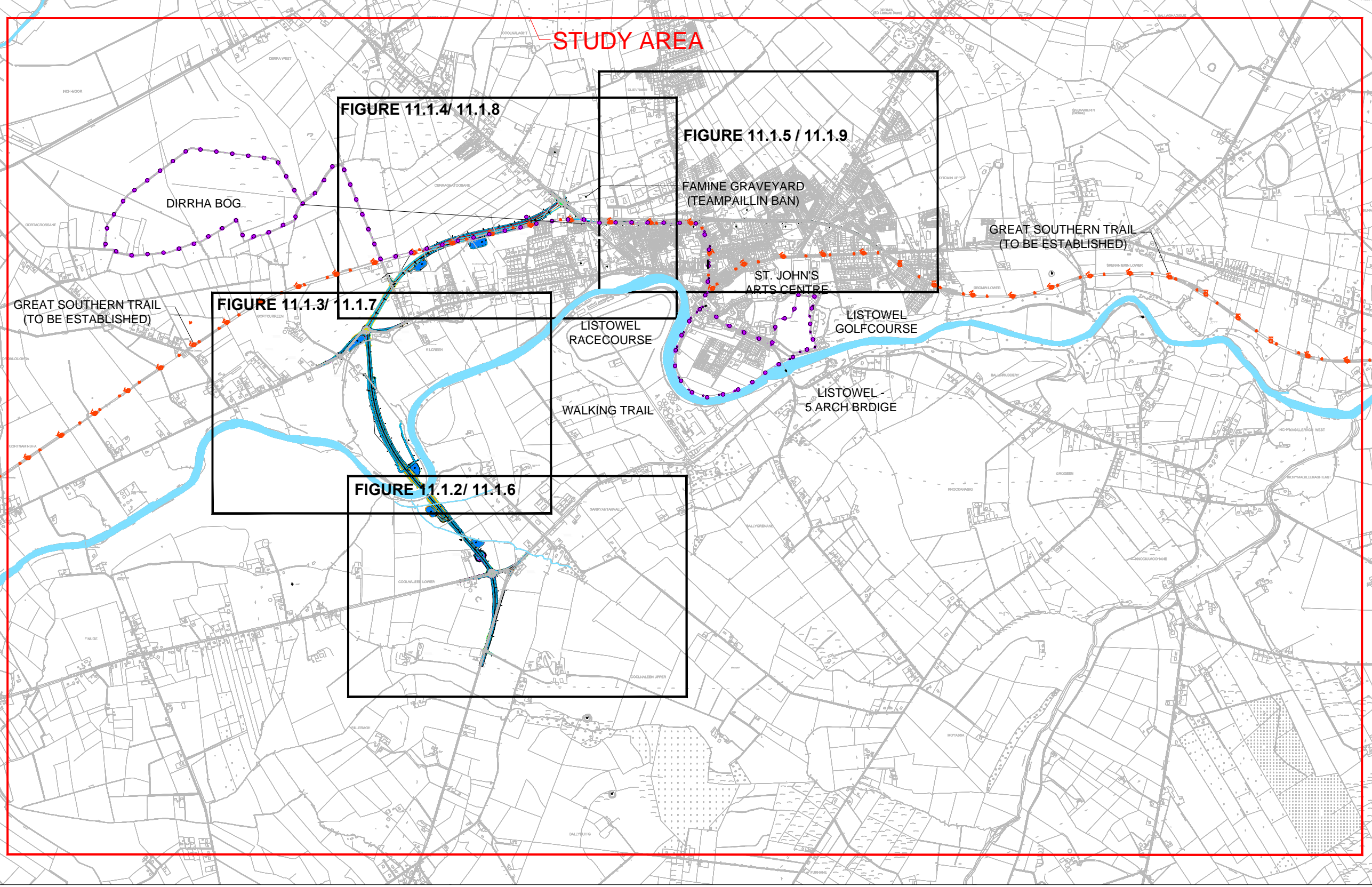
Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Noise Model Receiver Locations - Sheet 5 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: April 2017
	Drawing No. 32105301/EIS/Fig 10.1.6



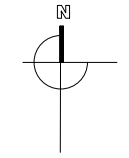
LEGEN:

-  Proposed Development
-  Listowel Village Walks
-  Great Southern Trail Proposal (Cycle & Walking Track)
-  STUDY AREA



Rev	By	Date	Description
0	JTM	April 17	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Landscape Features
Design: NS	File Name:
Drawn: GH	Original scales: 1:25,000 @ A3
Checked: AMG	Date: April 2017
Drawing No: 32105301/EIS/FIG11.1.1	



Legend:

Residential grouping

VISUAL IMPACT ON PROPERTY

Property Reference

Pre- Establishment Impact

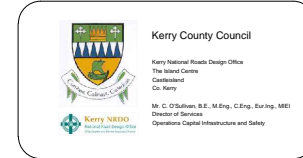
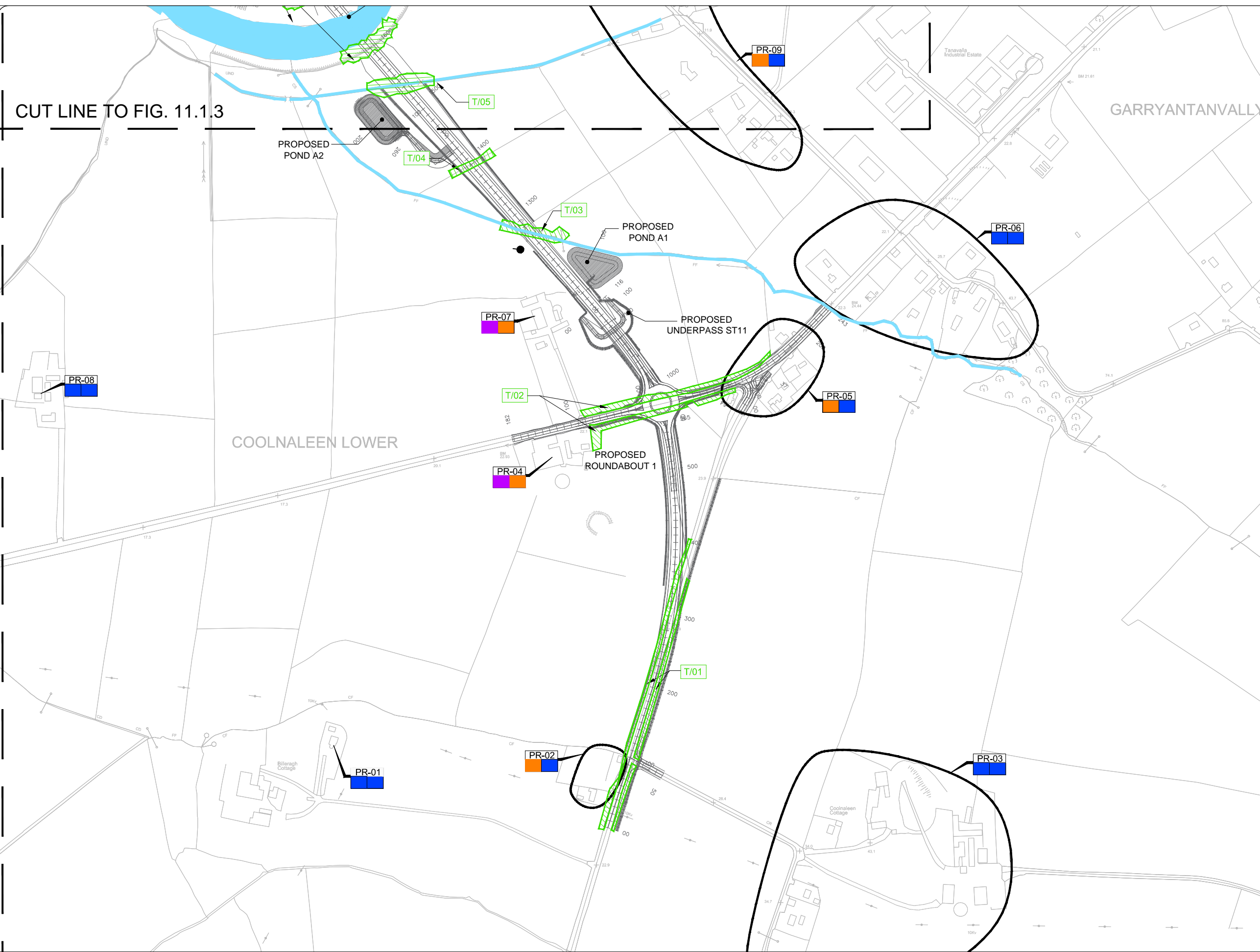
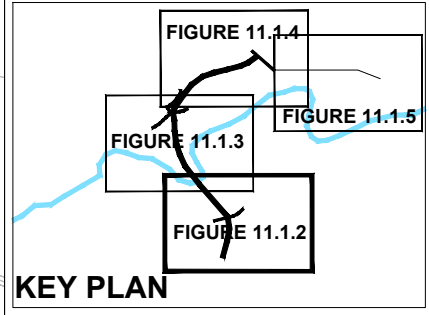
Post- Establishment Impact

VISUAL IMPACT ON PROPERTY;

- Imperceptible Impact
- Slight Impact
- Moderate Impact
- Significant Impact
- Profound Impact

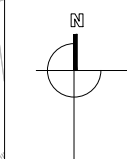
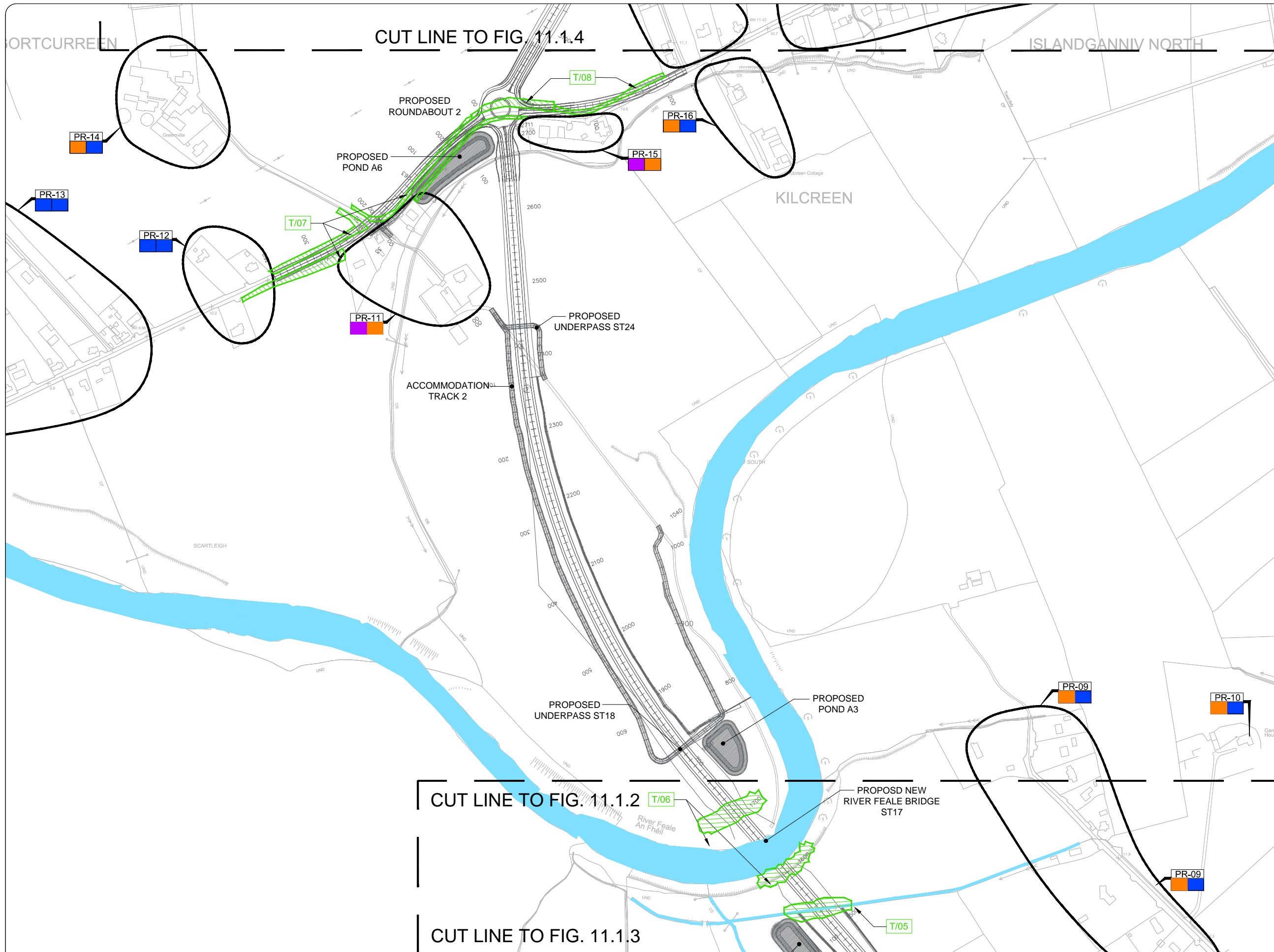
IMPACT ON LANDSCAPE ELEMENTS;

- Direct impact on vegetation / landscape features
- LISTOWEL VILLAGE WALKS
- GREAT SOUTHERN TRAIL (CYCLE & WALKING TRACK)
- Approximate height of proposed road above surrounding landscape.
- Approximate height of proposed road below surrounding landscape.
- New Road Construction



Rev	By	Date	Description
0	JTM	April 17	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Visual Impacts - Sheet 1 of 4
Design: NS	File Name:
Draw: GH	Original scales: 1:5,000 @ A3
Checked: AMG	Date: April 2017



Legend:

Residential grouping

VISUAL IMPACT ON PROPERTY

Property Reference

Pre- Establishment Impact

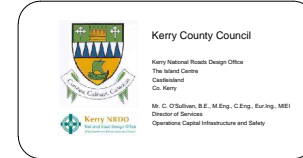
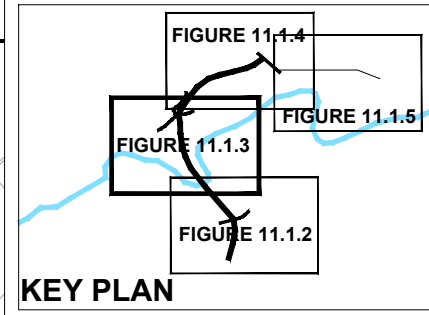
Post- Establishment Impact

VISUAL IMPACT ON PROPERTY;

- Imperceptible Impact
- Slight Impact
- Moderate Impact
- Significant Impact
- Profound Impact

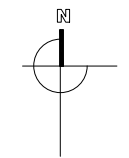
IMPACT ON LANDSCAPE ELEMENTS;

- Direct impact on vegetation / landscape features
- LISTOWEL VILLAGE WALKS
- GREAT SOUTHERN TRAIL (CYCLE & WALKING TRACK)
- Approximate height of proposed road above surrounding landscape.
- Approximate height of proposed road below surrounding landscape.
- New Road Construction



Rev	By	Date	Description
0	JTM	April 17	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Visual Impacts - Sheet 2 of 4
Drawn:	GH
Checked:	AMG
Original scales:	1:5,000 @ A3
Date:	April 2017

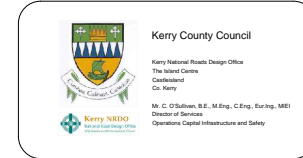
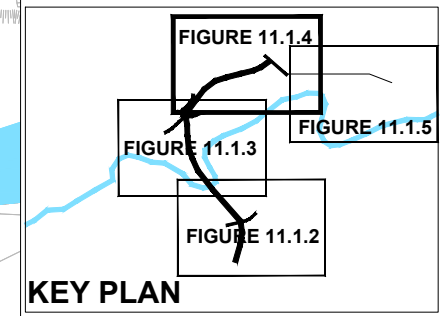
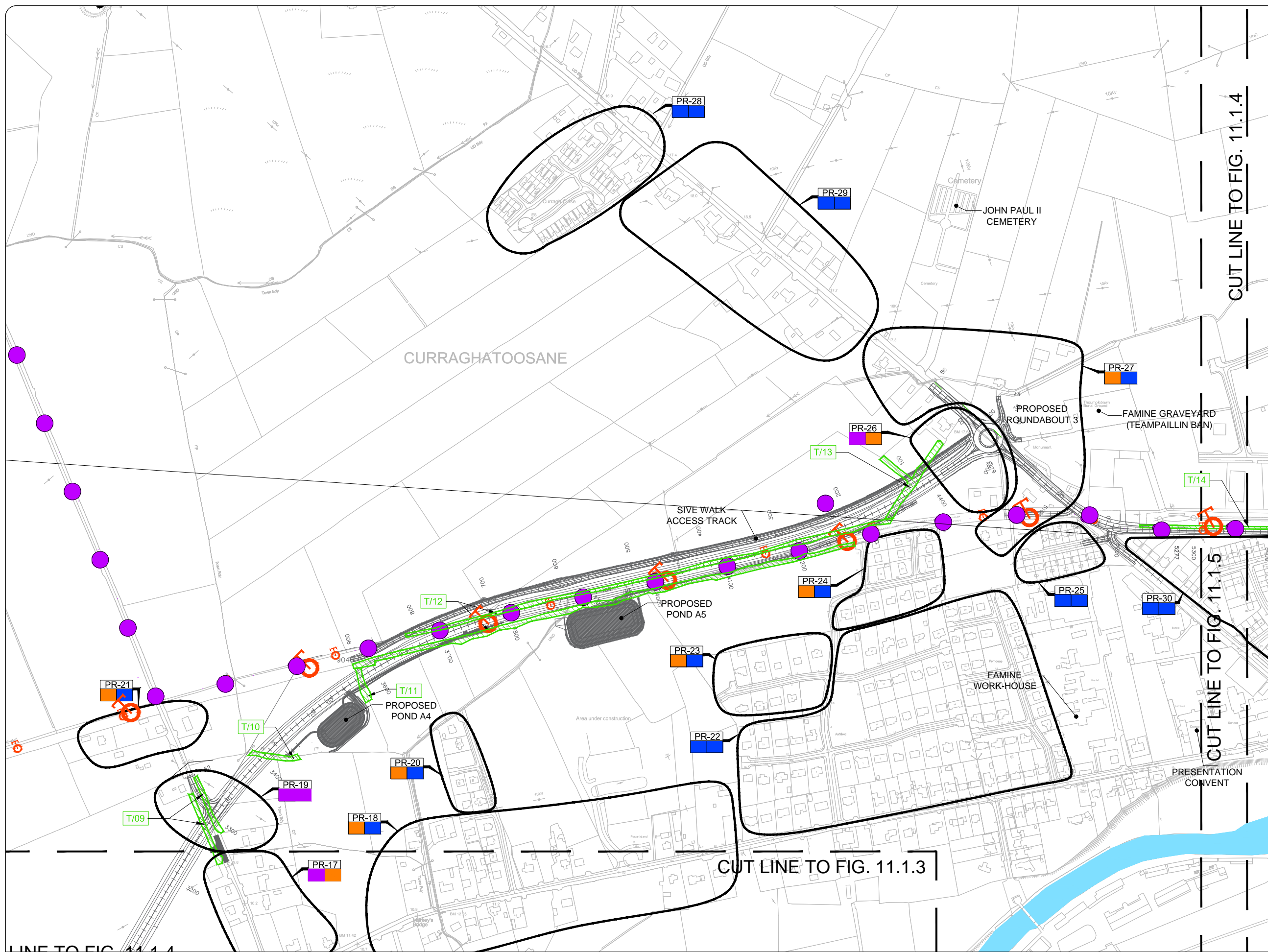


Legend:

- Residential grouping
- VISUAL IMPACT ON PROPERTY**
- Property Reference
- Pre- Establishment Impact PR01
- Post- Establishment Impact

- VISUAL IMPACT ON PROPERTY:**
- Imperceptible Impact
- Slight Impact
- Moderate Impact
- Significant Impact
- Profound Impact

- IMPACT ON LANDSCAPE ELEMENTS:**
- T/02 Direct impact on vegetation / landscape features
- LISTOWEL VILLAGE WALKS
- GREAT SOUTHERN TRAIL (CYCLE & WALKING TRACK)
- 3.8m Approximate height of proposed road above surrounding landscape.
- 0.8m Approximate height of proposed road below surrounding landscape.
- New Road Construction

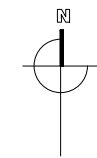


Rev	By	Date	Description
0	JTM	April 17	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Visual Impacts - Sheet 3 of 4
Drawn:	GH
Checked:	AMG
Original scales:	1:5,000 @ A3
Date:	April 2017

CUT LINE TO FIG. 11.1.4

32105301/EIS/Fig 11.1.5



Legend:

Residential grouping

VISUAL IMPACT ON PROPERTY

Property Reference

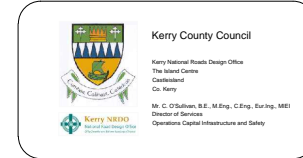
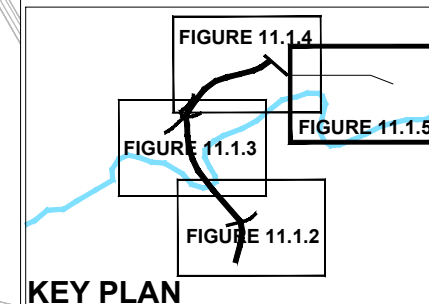
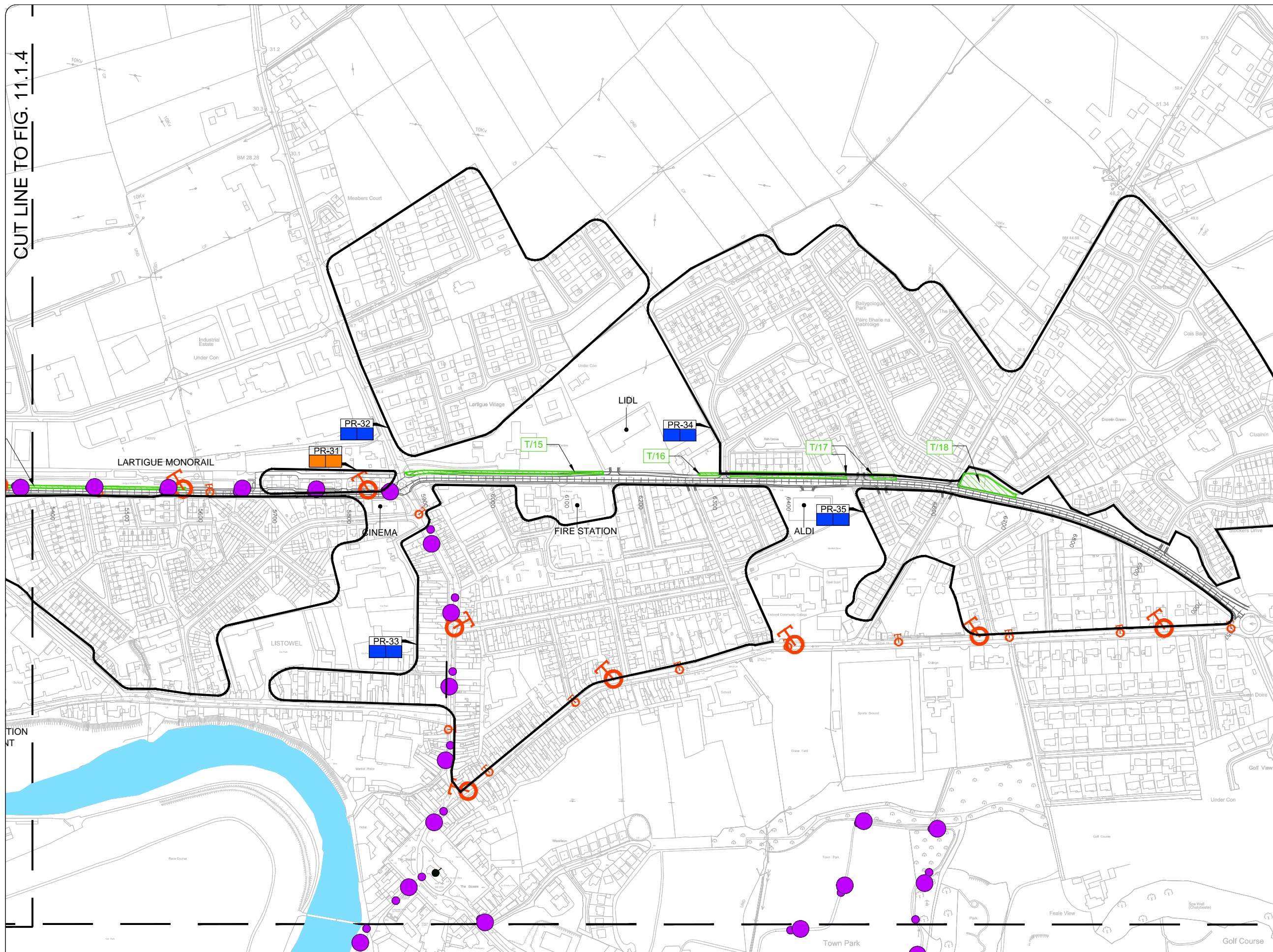
Pre- Establishment Impact PR01
 Post- Establishment Impact

VISUAL IMPACT ON PROPERTY:

- Imperceptible Impact
- Slight Impact
- Moderate Impact
- Significant Impact
- Profound Impact

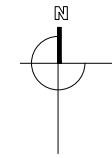
IMPACT ON LANDSCAPE ELEMENTS:

- T/02 Direct impact on vegetation / landscape features
- LISTOWEL VILLAGE WALKS
- GREAT SOUTHERN TRAIL (CYCLE & WALKING TRACK)
- 3.8m Approximate height of proposed road above surrounding landscape.
- 0.8m Approximate height of proposed road below surrounding landscape.
- New Road Construction

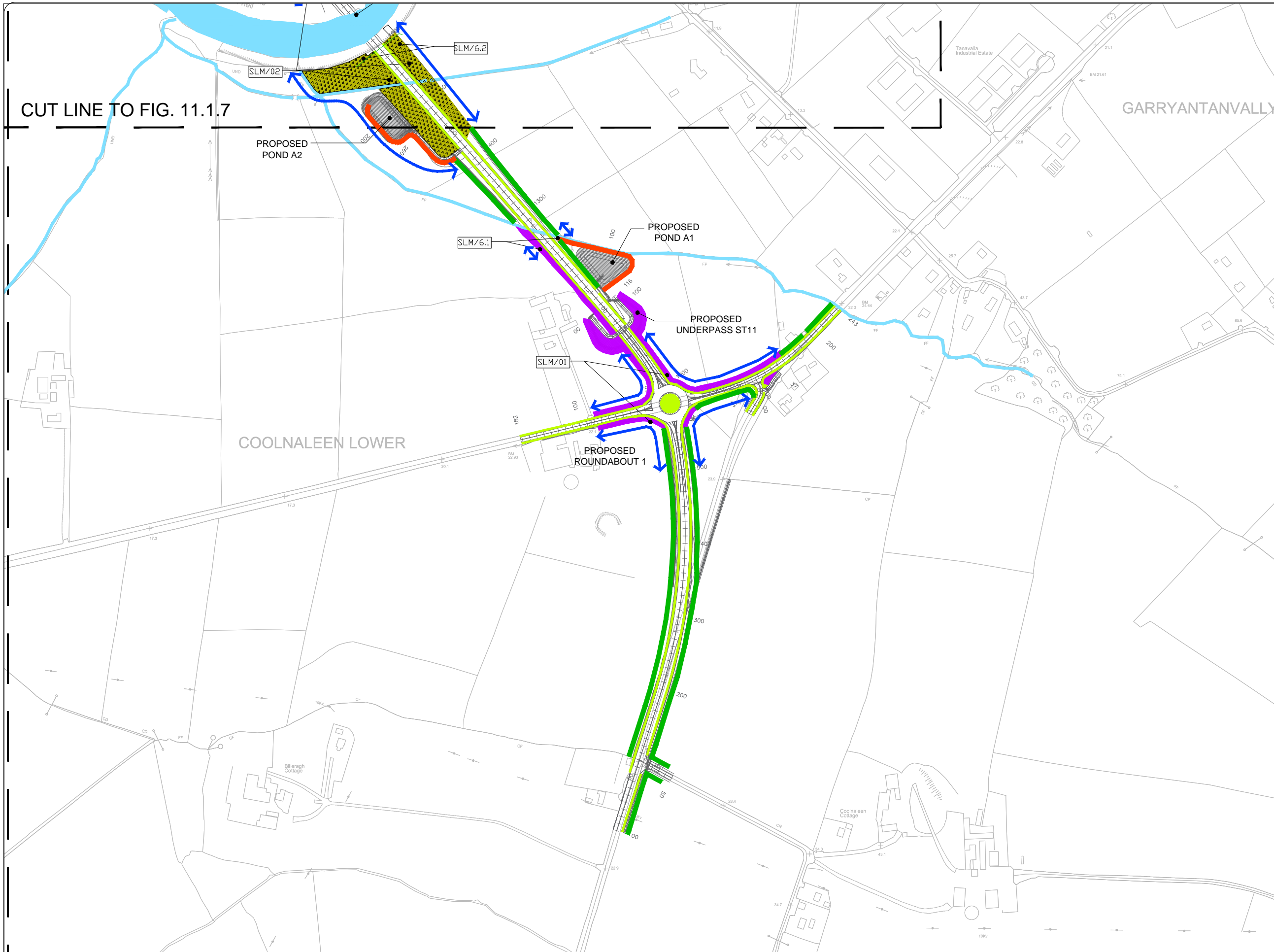


Rev	By	Date	Description
0	JTM	April 17	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Visual Impacts - Sheet 4 of 4
Drawn:	NS
Checked:	AMG
Date:	April 2017



CUT LINE TO FIG. 11.1.7

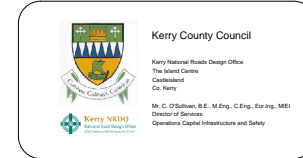
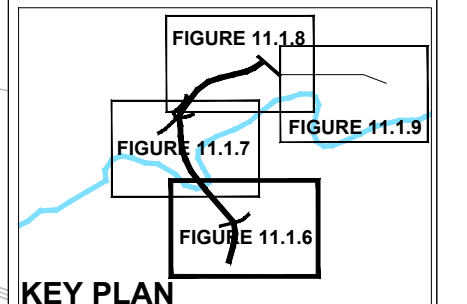


Legend:

- SLM/01 Specific landscape measure; refer to landscape and visual text
- ↔ Dry meadow/grassy verge - GS2
- NATIVE HEDGEROW; Hedgerow with species such as Hawthorn, Blackthorn and Holly - WL1
- NATIVE HEDGEROW WITH TREES; Trees & Hedgerow with species such as Hawthorn, Blackthorn, Holly, Hazel and Oak - WL2
- LOW SCRUB CANOPY SCREEN WOODLAND PLANTING; Low canopy woodland with high percentage of evergreen species - EW1
- LOW SCRUB RIVER CORRIDOR PLANTING; Riparian type vegetation including Willow, Alder, Hazel & Holly - GM1
- 3.8m Approximate height of proposed road above surrounding landscape.
- 0.8m Approximate height of proposed road below surrounding landscape.

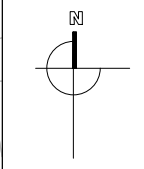
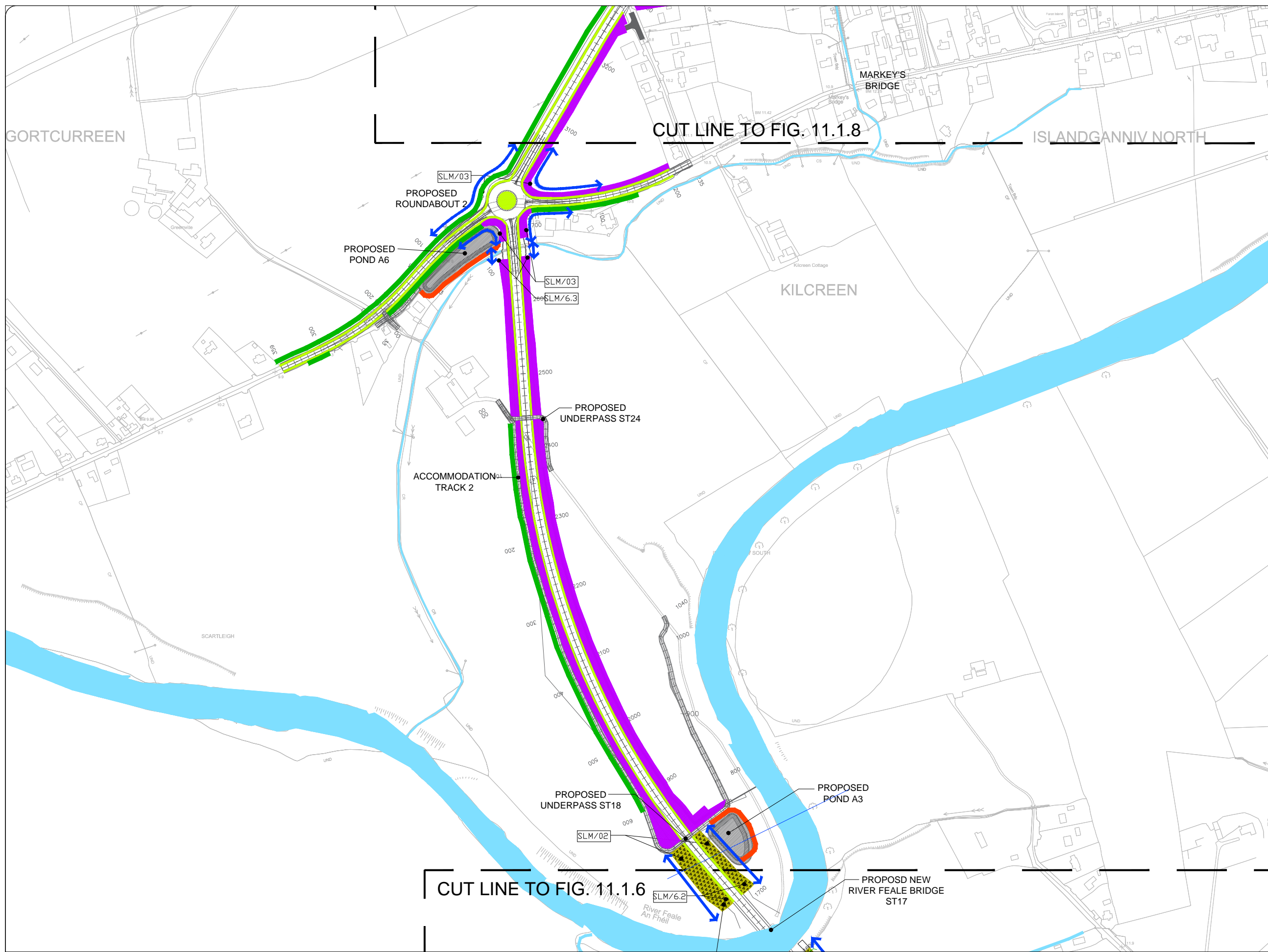
Note:
Please refer to the EIS landscape and visual and ecology chapters for more general and detailed mitigation measures including plant mixes, spacings etc. which will apply along the length of the proposed route.










Please also refer to ecological mitigation measures drawing.



Rev	By	Date	Description
0	JTM	Apr 17	For Publication

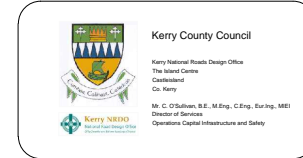
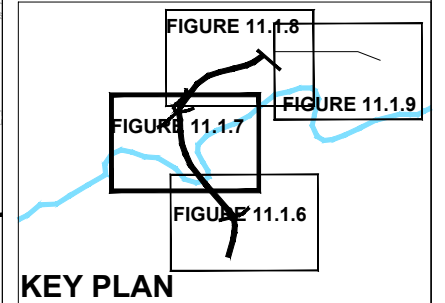
Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Landscape Mitigation - Sheet 1 of 4
Design: NS	File Name:
Draw: GH	Original scales: 1:5,000 @ A3
Checked: AMG	Date: April 2017
Drawing No: 32105301/EIS/FIG 11.1.6	



- 
Specific landscape measure; refer to landscape and visual text
- 
- 
Dry meadow/grassy verge - GS2
- 
NATIVE HEDGEROW;
Hedgerow with species such as Hawthorn, Blackthorn and Holly - WL1
- 
NATIVE HEDGEROW WITH TREES;
Trees & Hedgerow with species such as Hawthorn, Blackthorn, Holly, Hazel and Oak - WL2
- 
LOW SCRUB CANOPY SCREEN WOODLAND PLANTING;
Low canopy woodland with high percentage of evergreen species - EW1
- 
LOW SCRUB RIVER CORRIDOR PLANTING;
Riparian type vegetation including Willow, Alder, Hazel & Holly - GM1
- 
Approximate height of proposed road above surrounding landscape.
- 
Approximate height of proposed road below surrounding landscape.

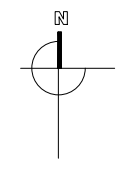
Note:
Please refer to the EIS landscape and visual and ecology chapters for more general and detailed mitigation measures including plant mixes, spacings etc. which will apply along the length of the proposed route.

Please also refer to ecological mitigation measures drawing.



Rev	By	Date	Description
0	JTM	April 17	For Publication

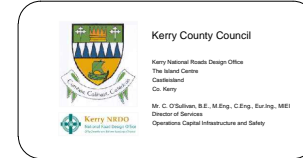
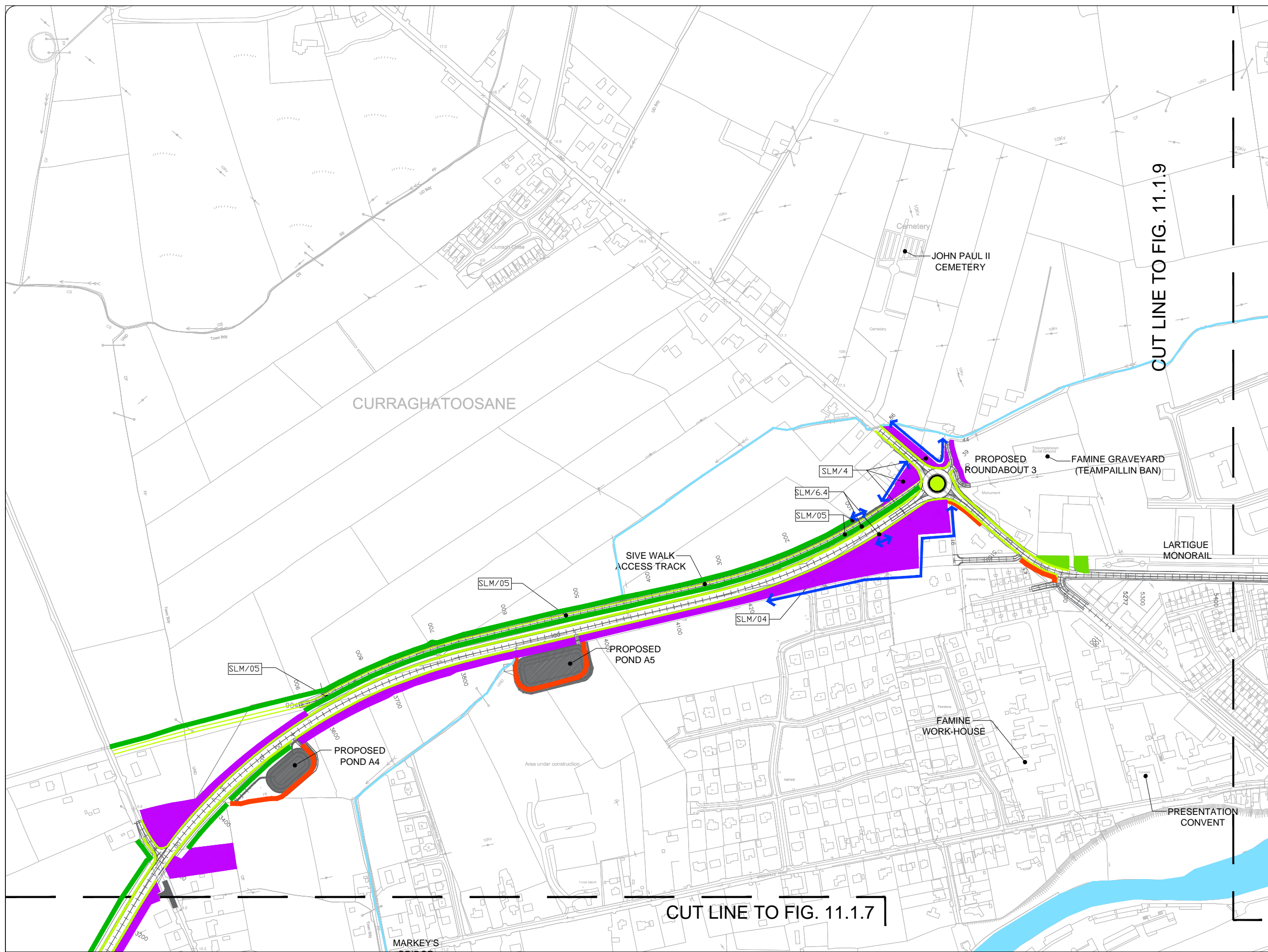
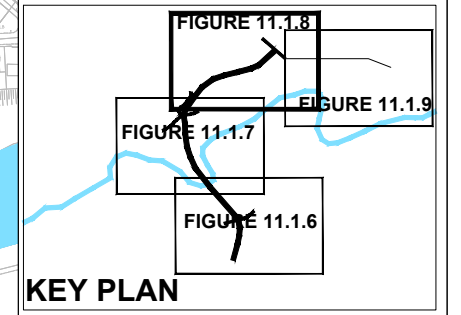
Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Landscape Mitigation - Sheet 2 of 4
Designed:	NS
Drawn:	GH
Checked:	AMG
File Name:	
Original scales:	1:5,000 @ A3
Date:	April 2017
Drawing No:	32105301/EIS/FIG 11.1.7



- Legend:**
- SLM/01 Specific landscape measure; refer to landscape and visual text
 - ↔ ↔ ↔
 - Dry meadow/grassy verge - GS2
 - NATIVE HEDGEROW;** Hedgerow with species such as Hawthorn, Blackthorn and Holly - WL1
 - NATIVE HEDGEROW WITH TREES;** Trees & Hedgerow with species such as Hawthorn, Blackthorn, Holly, Hazel and Oak - WL2
 - LOW SCRUB CANOPY SCREEN WOODLAND PLANTING;** Low canopy woodland with high percentage of evergreen species - EW1
 - LOW SCRUB RIVER CORRIDOR PLANTING;** Riparian type vegetation including Willow, Alder, Hazel & Holly - GM1
 - STREET TREE;** Tilia euchlora planted at 5m centres
 - STREET HEDGEROW ;** Fagus sylvatica hedge
 - 3.8m Approximate height of proposed road above surrounding landscape.
 - 0.8m Approximate height of proposed road below surrounding landscape.
 - New Road Construction

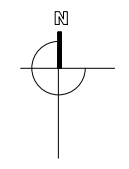
Note:
Please refer to the EIS landscape and visual and ecology chapters for more general and detailed mitigation measures including plant mixes, spacings etc. which will apply along the length of the proposed route.

Please also refer to ecological mitigation measures drawing.



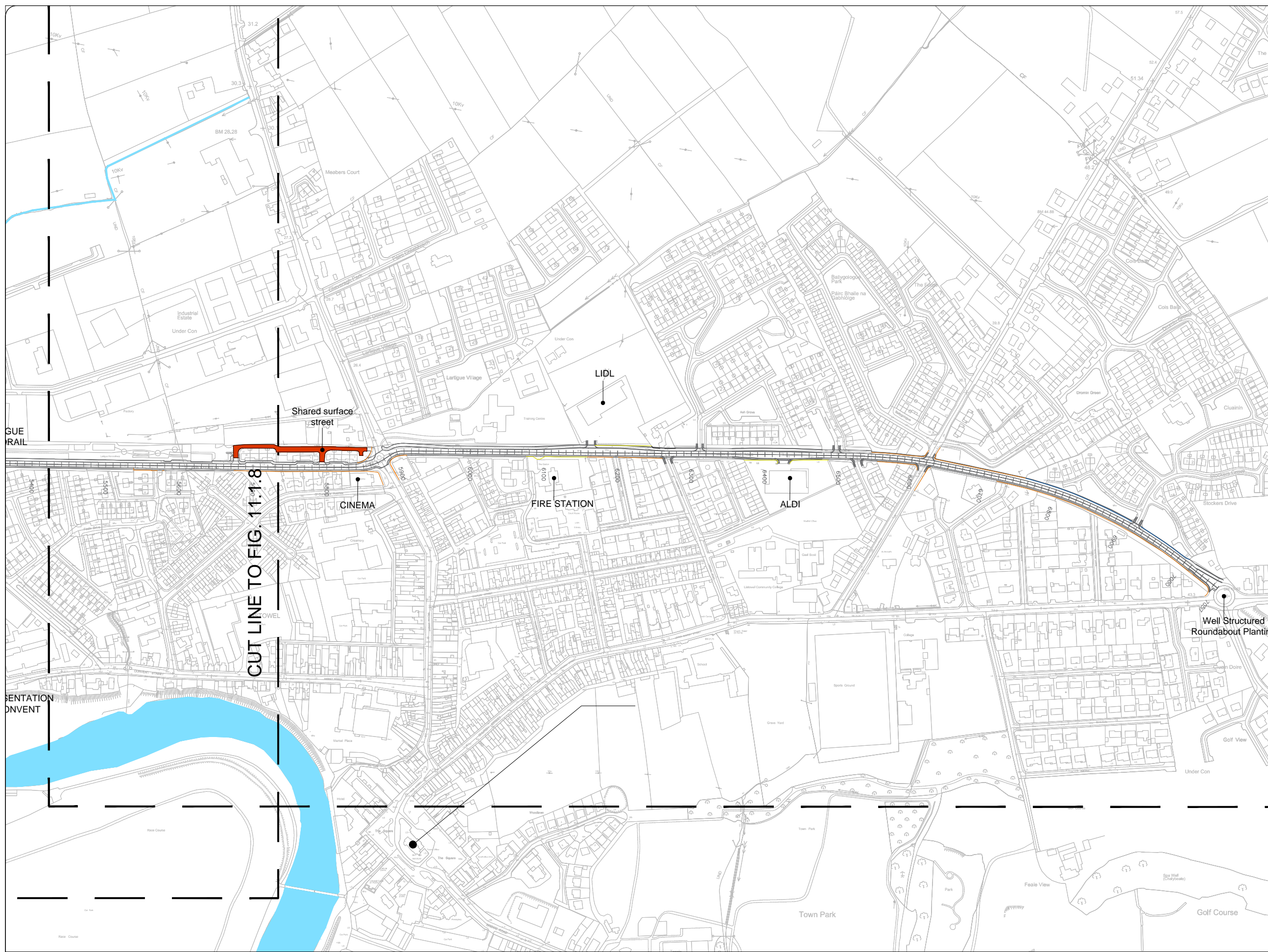
Rev	By	Date	Description
0	JTM	April 17	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Landscape Mitigation - Sheet 3 of 4
Drawn:	NS
Checked:	AMG
File Name:	
Original scales:	1:5,000 @ A3
Date:	April 2017
Drawing No.:	32105301/EIS/FIG 11.1.8



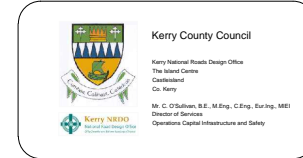
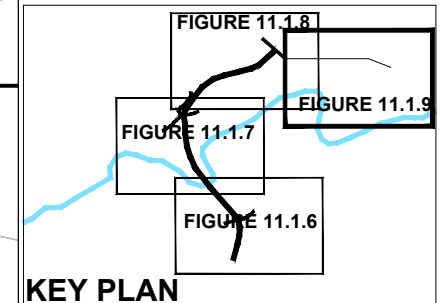
Legend:

- SLM/01 Specific landscape measure; refer to landscape and visual text
- Dry meadow/grassy verge - GS2
- STREET TREE PLANTING;**
Semi Mature 20-25cm RB 6-8m high, Acer Campestre 'Elegant'
- HEDGEROW PLANTING;**
500cm wide, Fagus sylvatica hedge.
- New Road Construction



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.



Rev	By	Date	Description
0	JTM	April 17	For Publication

Project: N69 LISTOWEL BYPASS	
Component: Environmental Impact Statement	
Title: Landscape Mitigation - Sheet 4 of 4	
Designed: NS	File Name:
Drawn: GH	Original scales: 1:5,000 @ A3
Checked: AMG	Date: April 2017
Drawing No: 32105301/EIS/FIG 11.1.9	





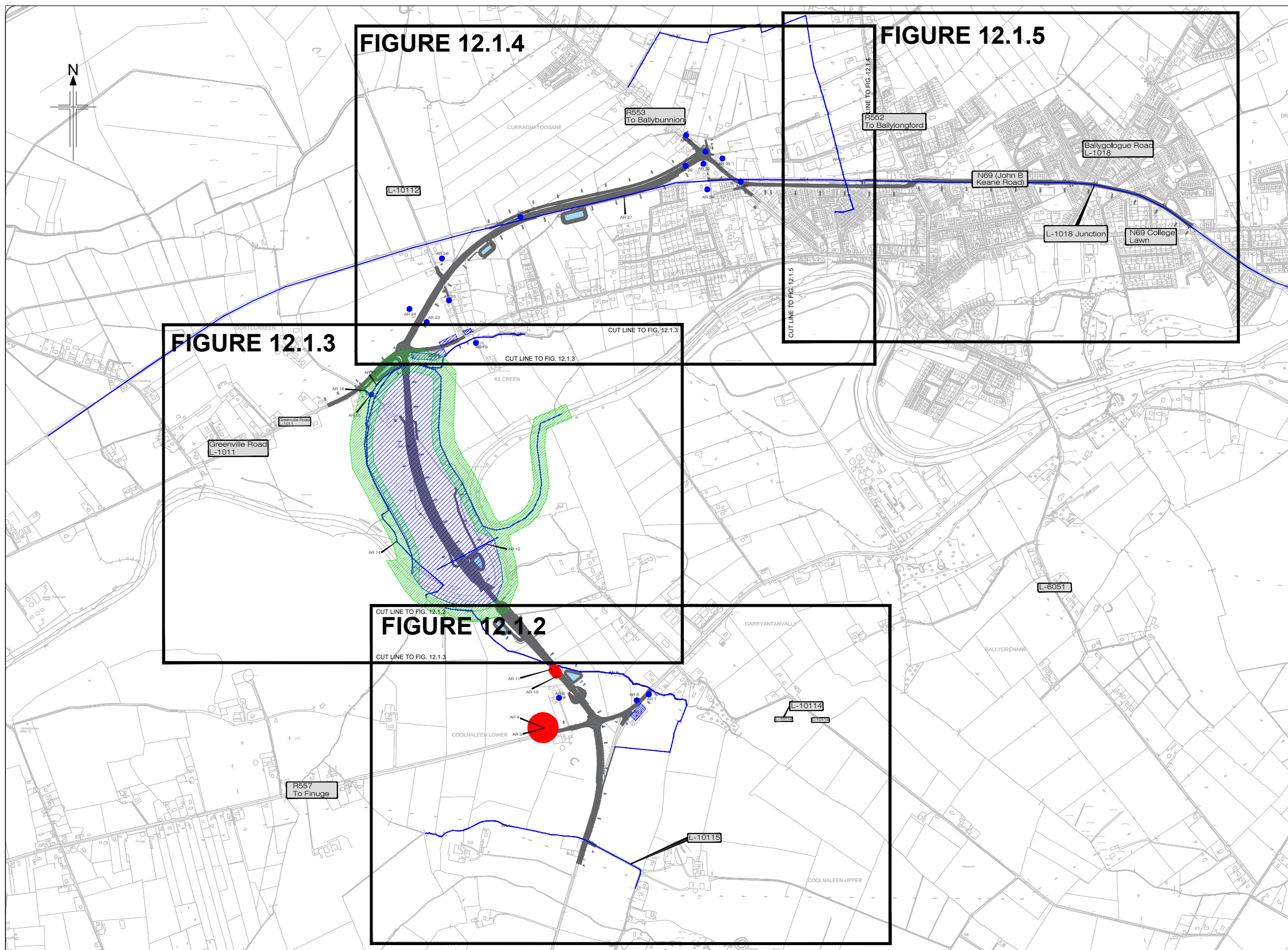
- Legend:**
-  Proposed Development
 -  RMP site
 -  Undesignated archaeological heritage site
 -  Area of archaeological potential

FIGURE 12.1.4

FIGURE 12.1.5

FIGURE 12.1.3

FIGURE 12.1.2








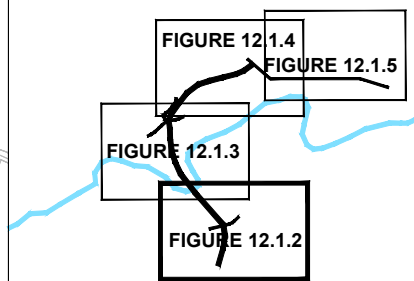
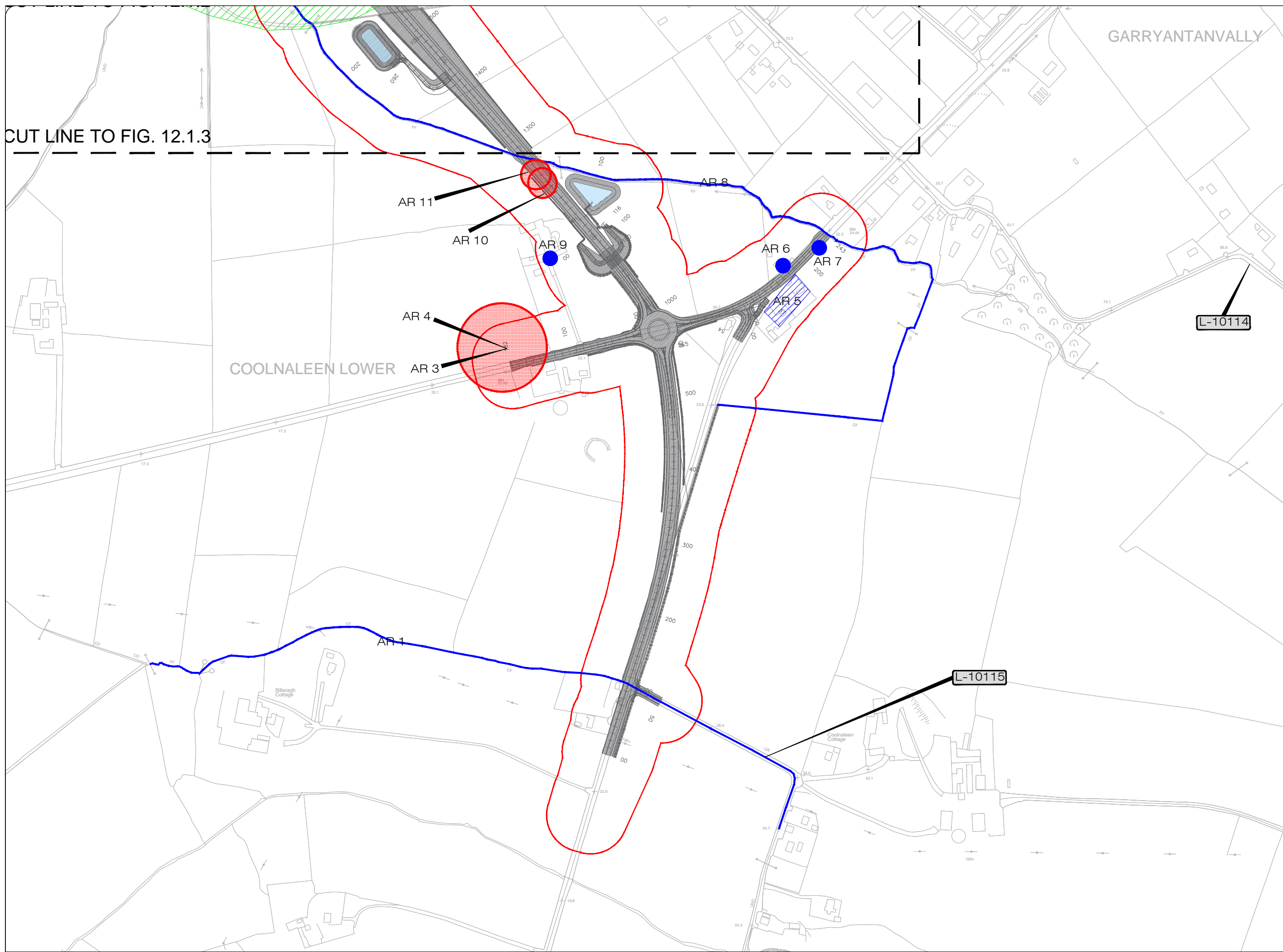
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Archaeology Heritage - Sheet 1 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Check: AM	Date: JUNE 2014
Drawing No: 32105301/EIS/FIG 12.1.1	

- Legend:**
-  Proposed Development
 -  50m Study Area
 -  RMP site
 -  Undesignated archaeological heritage site
 -  Area of archaeological potential



KEY PLAN






All details shown on this drawing are indicative only and are subject to development at detailed design stage.

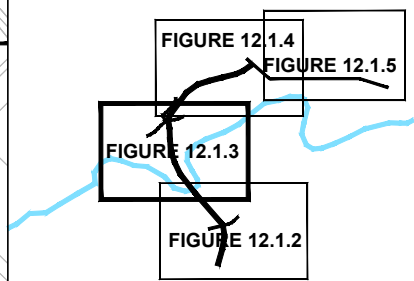
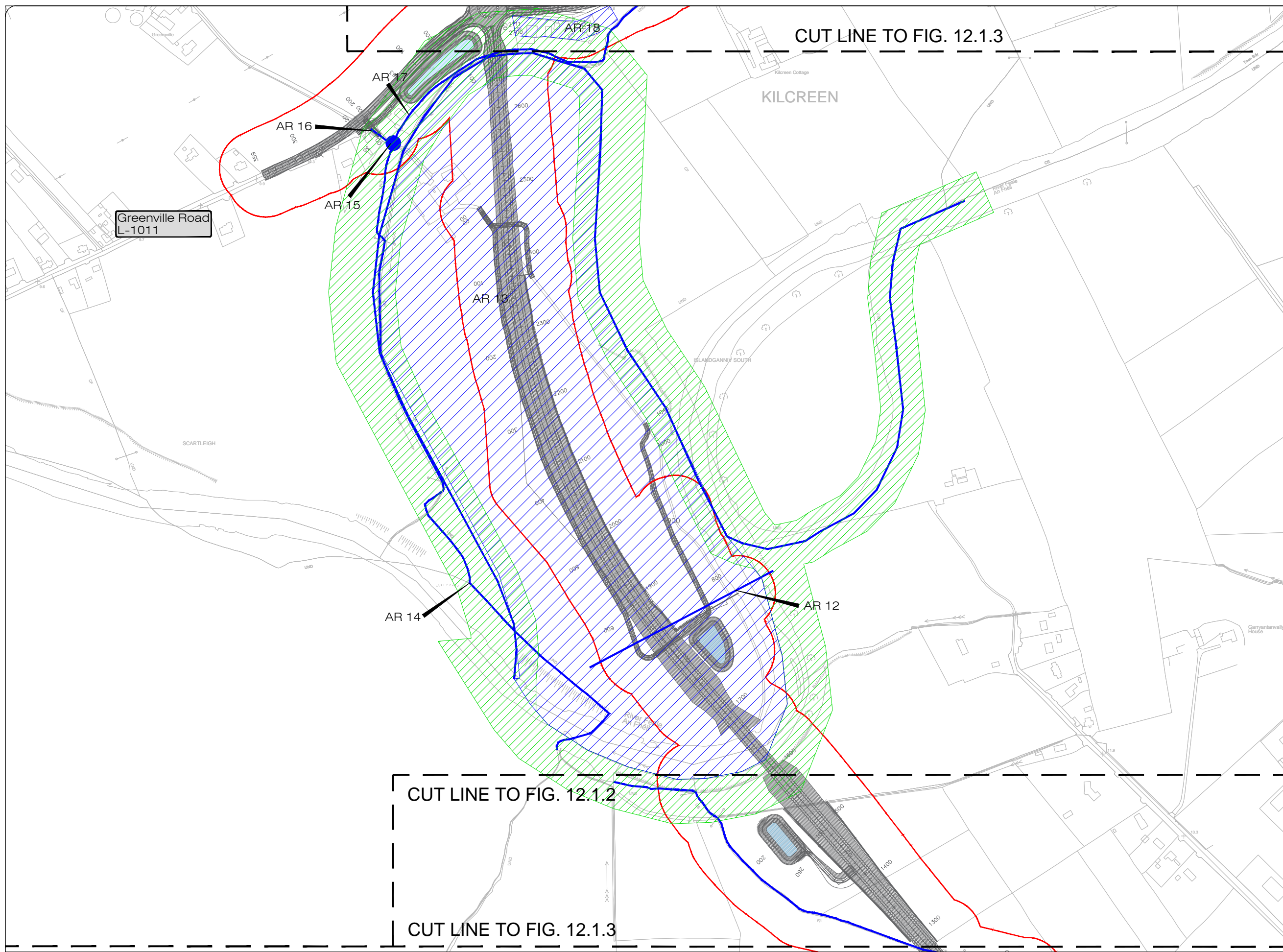


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Archaeology Heritage - Sheet 2 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: JUNE 2014
	Drawing No:
	32105301/EIS/Fig 12.1.2

Legend:

-  Proposed Development
-  50m Study Area
-  RMP site
-  Undesignated archaeological heritage site
-  Area of archaeological potential



KEY PLAN






All details shown on this drawing are indicative only and are subject to development at detailed design stage.

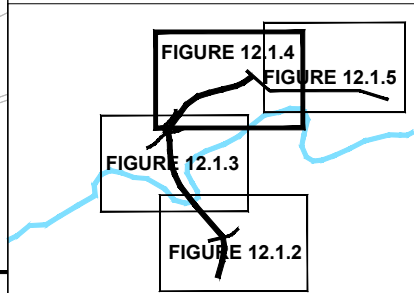
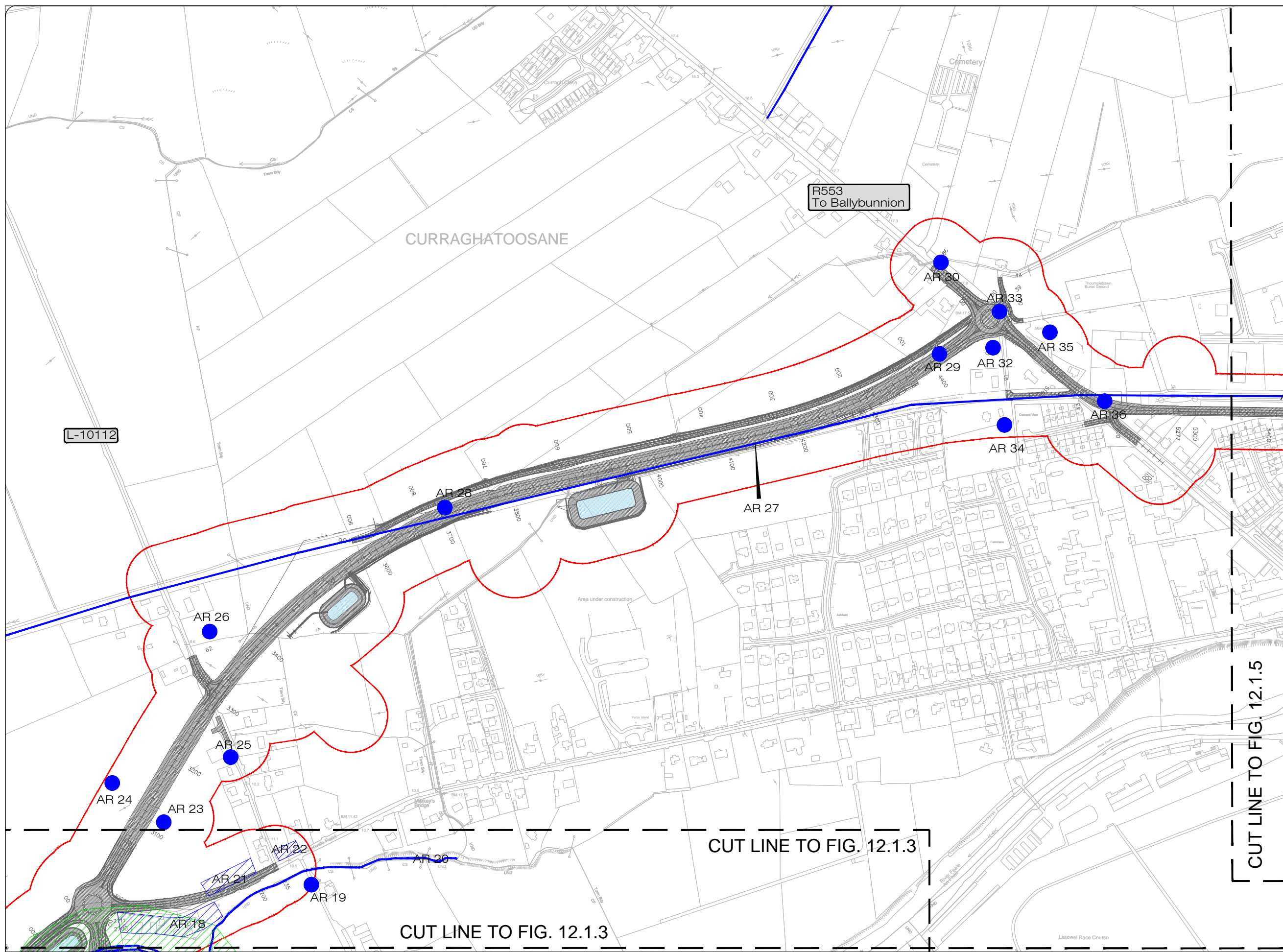
Kerry County Council
Kerry National Roads Design Office
The Island Centre
Cahersiveen
Co. Kerry
M. C. O'Sullivan, B.Sc., M.Eng., C.Eng., F.R.I.P., M.S.I.
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Operations Capital Infrastructure & Safety

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0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Archaeology Heritage - Sheet 3 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: JUNE 2014
	Drawing No:
	32105301/EIS/Fig 12.1.3

- Legend:**
-  Proposed Development
 -  50m Study Area
 -  RMP site
 -  Undesignated archaeological heritage site
 -  Area of archaeological potential



KEY PLAN






All details shown on this drawing are indicative only and are subject to development at detailed design stage.

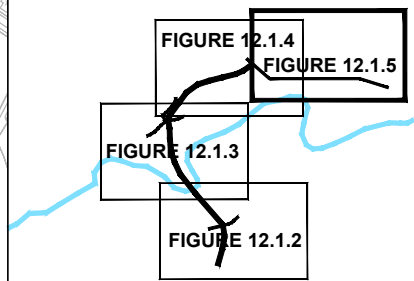
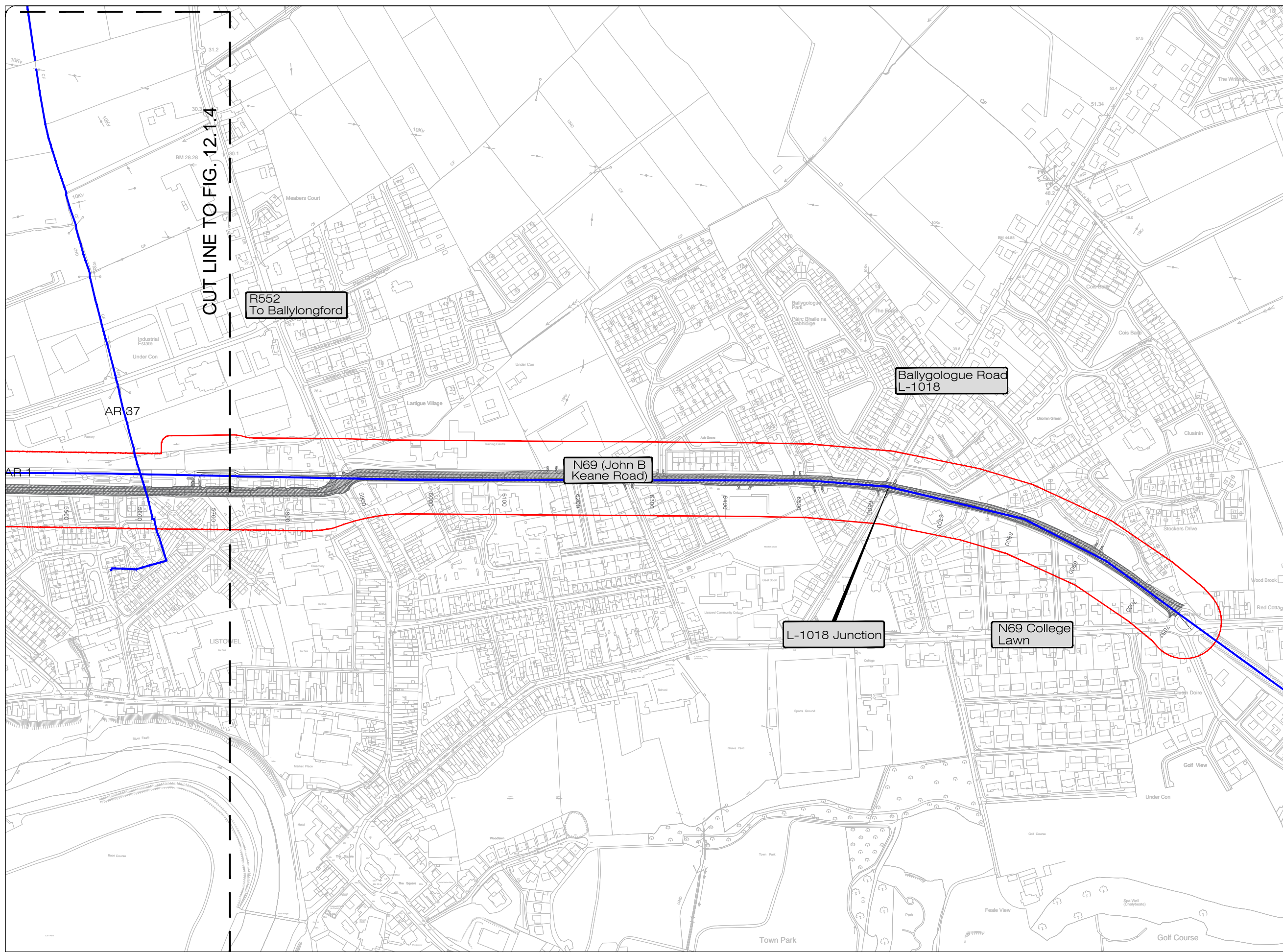


Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Archaeology Heritage - Sheet 4 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: JUNE 2014
Drawing No: 32105301/EIS/Fig 12.1.4	

Legend:

-  Proposed Development
-  50m Study Area
-  RMP site
-  Undesignated archaeological heritage site
-  Area of archaeological potential







KEY PLAN

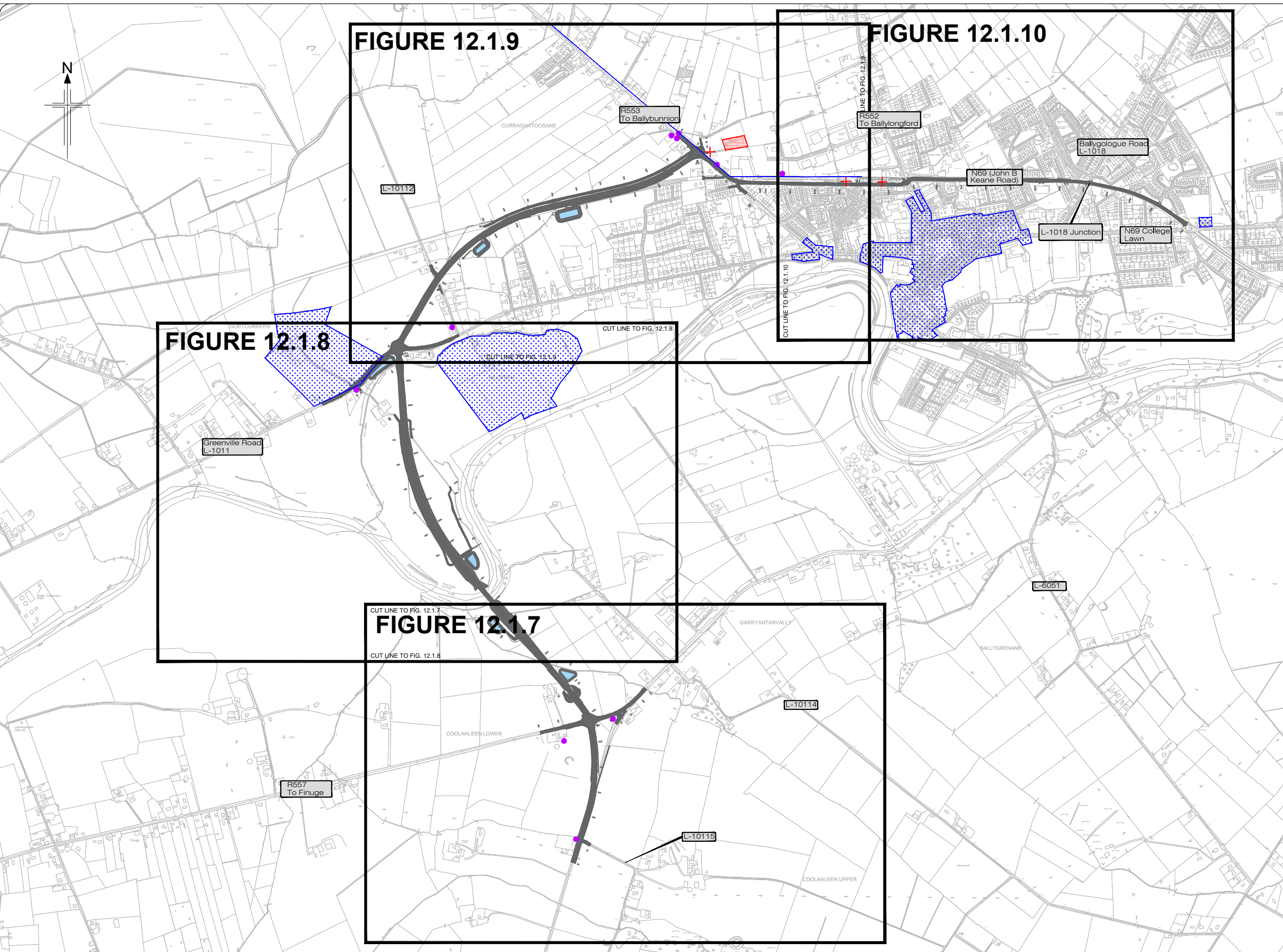
All details shown on this drawing are indicative only and are subject to development at detailed design stage.



Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Archaeology Heritage - Sheet 5 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: JUNE 2014
Drawing No: 32105301/EIS/Fig 12.1.5	

- Legend:**
-  Proposed Development
 -  Protected structure & NIAH site
 -  Architectural conservation area
 -  Undesignated architectural heritage site








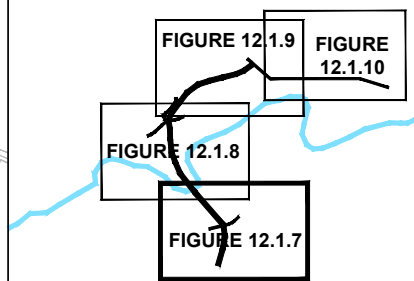
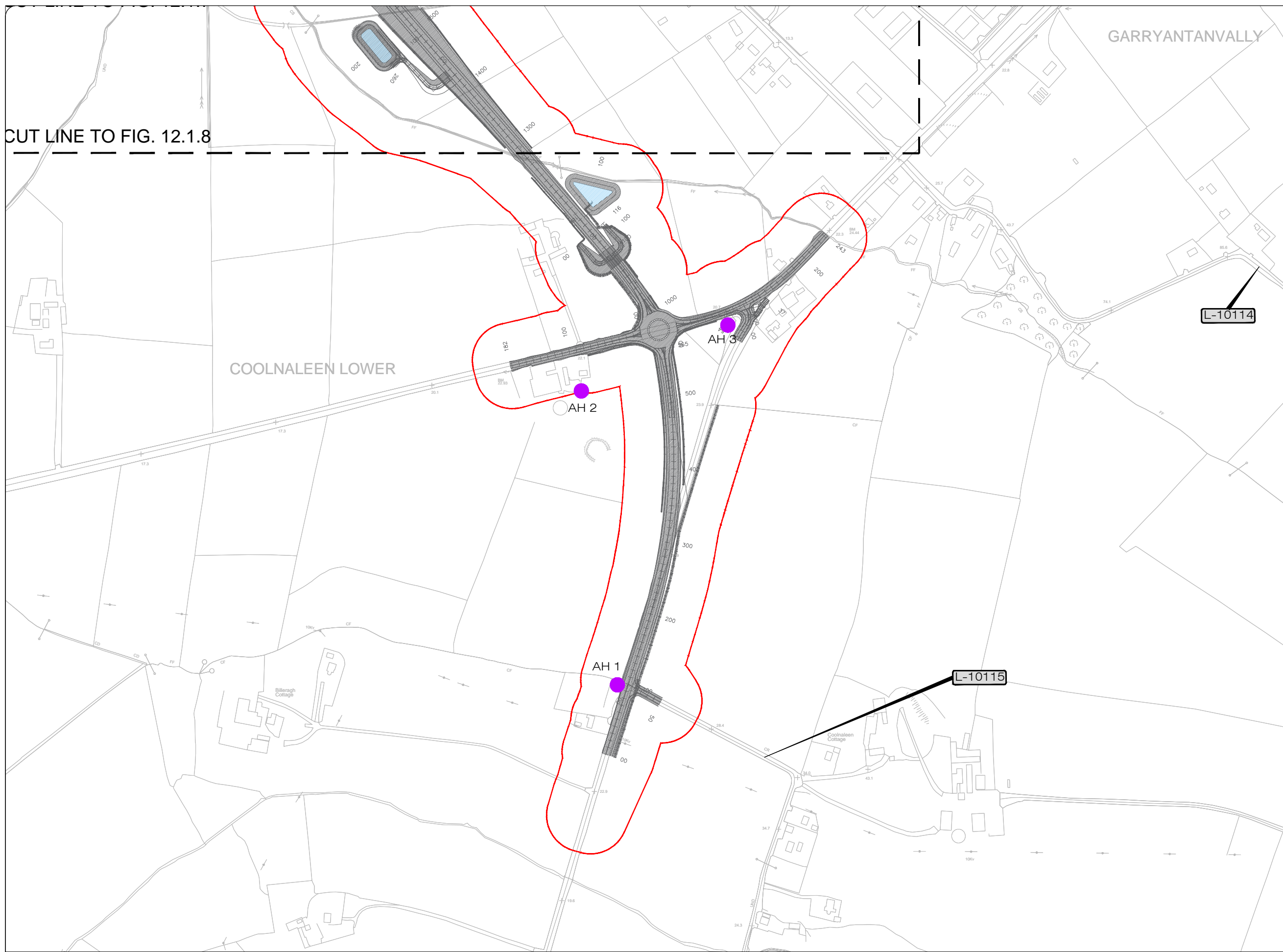
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Architectural Heritage - Sheet 1 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:7,500 @ A1 1:15,000 @ A3
Check: AM	Date: JUNE 2014
Drawing No: 32105301/EIS/FIG 12.1.6	

- Legend:**
-  Proposed Development
 -  50m Study Area
 -  Protected structure & NIAH site
 -  Architectural conservation area
 -  Undesignated architectural heritage site



KEY PLAN






All details shown on this drawing are indicative only and are subject to development at detailed design stage.

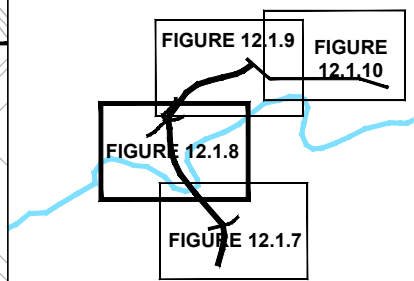
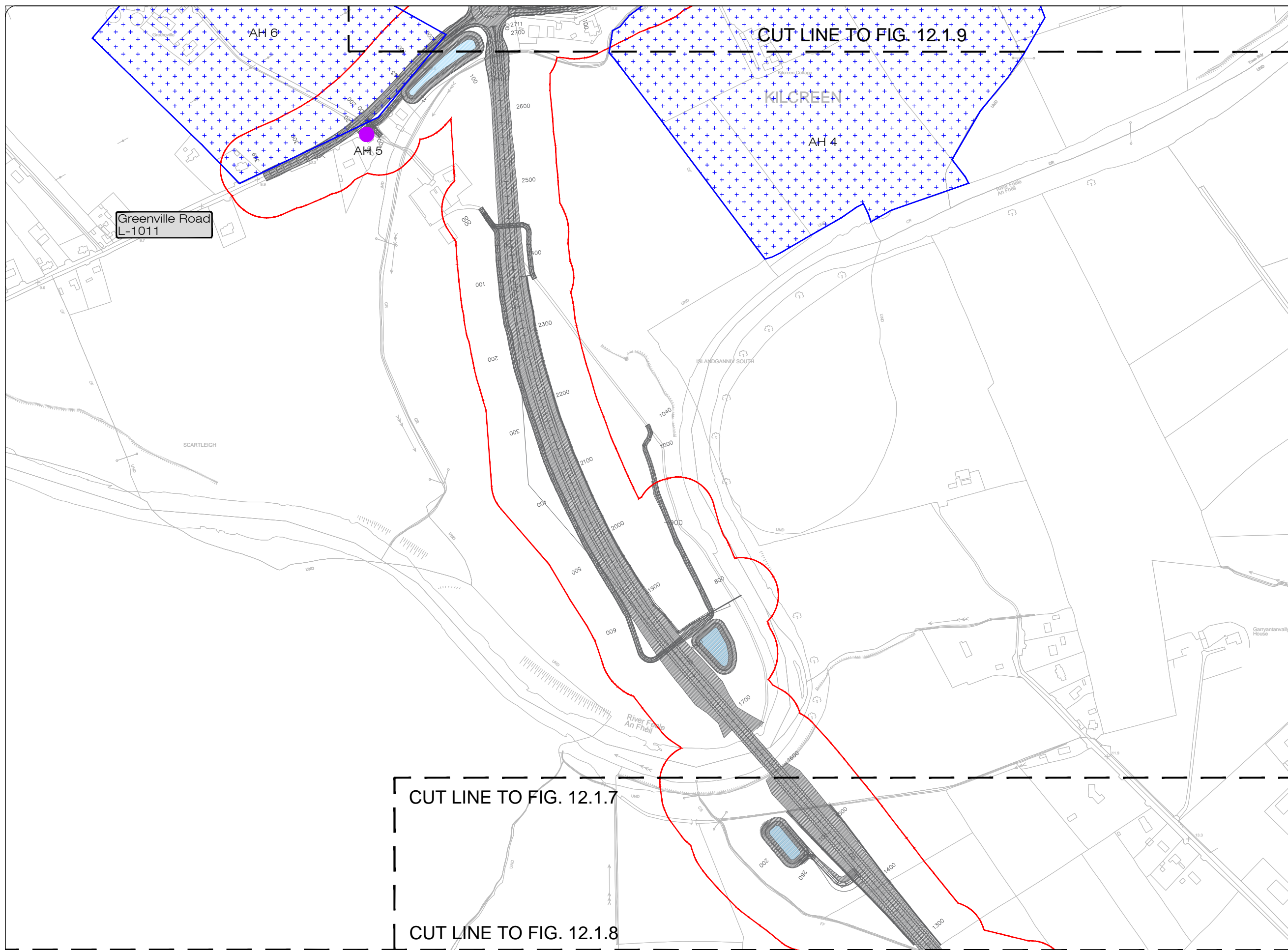


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0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Architectural Heritage - Sheet 2 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: JUNE 2014
Drawing No: 32105301/EIS/Fig 12.1.7	

Legend:

-  Proposed Development
-  50m Study Area
-  Protected structure & NIAH site
-  Architectural conservation area
-  Undesignated architectural heritage site



KEY PLAN

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An Roinn Iompair
Turasóireachta agus Spóirt
Department of Transport,
Tourism and Sport



TII
Bonneagar Iompair Éireann
Transport Infrastructure Ireland








Kerry County Council
Kerry National Roads Design Office
The Island Centre
Cahersiveen
Co. Kerry
Mr. C. O'Sullivan, B.E., M.Eng., C.Eng., Eur. Ing. 1982
Director of Services
Operations Capital Infrastructure & Safety

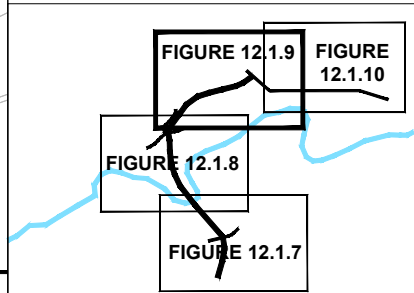
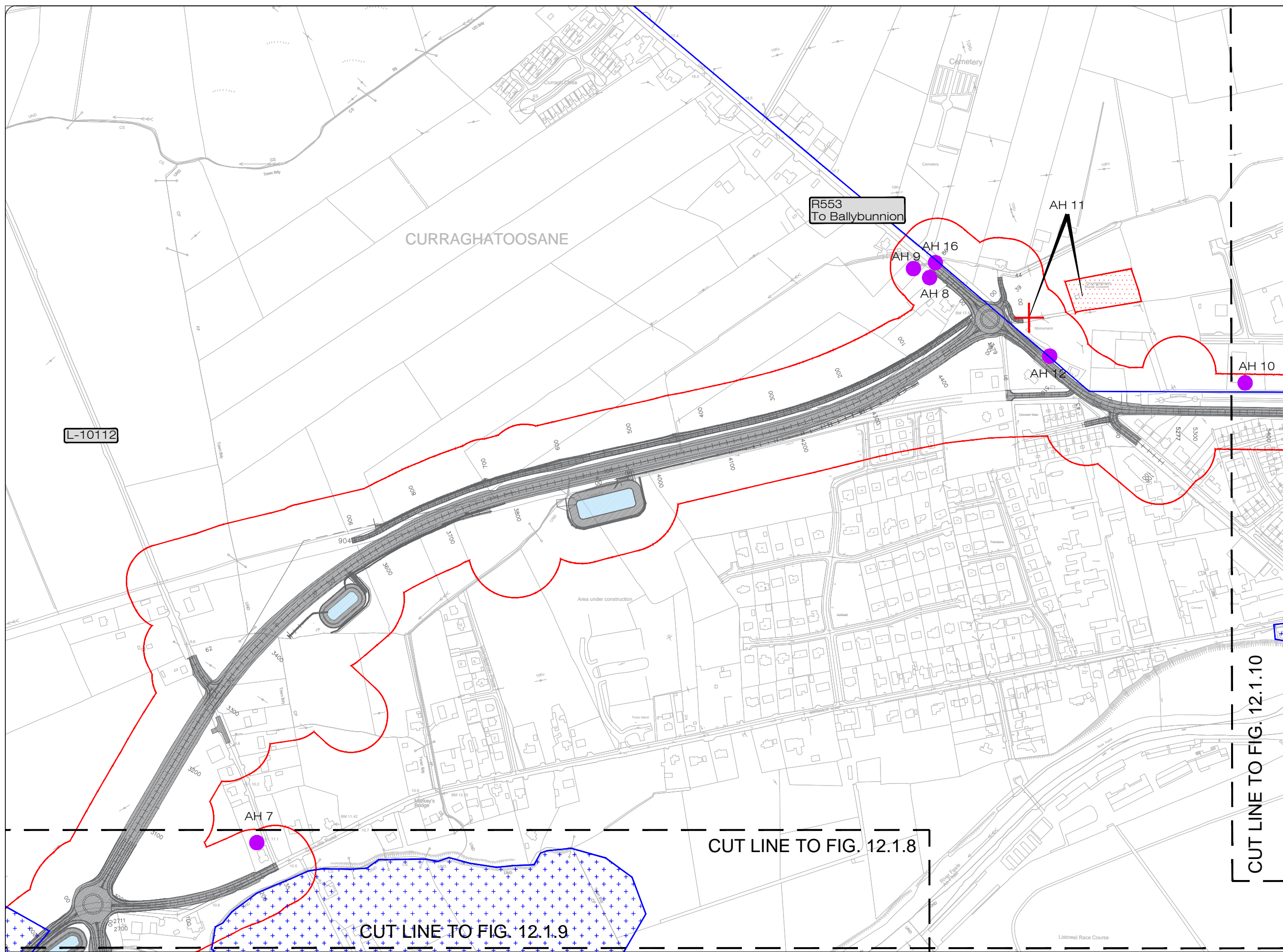


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Project: N69 LISTOWEL BYPASS		Drawing No:
Component: Environmental Impact Statement		32105301/EIS/Fig 12.1.8
Title: Architectural Heritage - Sheet 3 of 5		
Designer: AS	File Name:	
Drawn: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3	
Checked: AM	Date: JUNE 2014	

- Legend:**
-  Proposed Development
 -  50m Study Area
 -  Protected structure & NIAH site
 -  Architectural conservation area
 -  Undesignated architectural heritage site








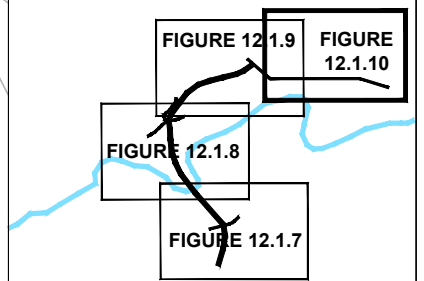
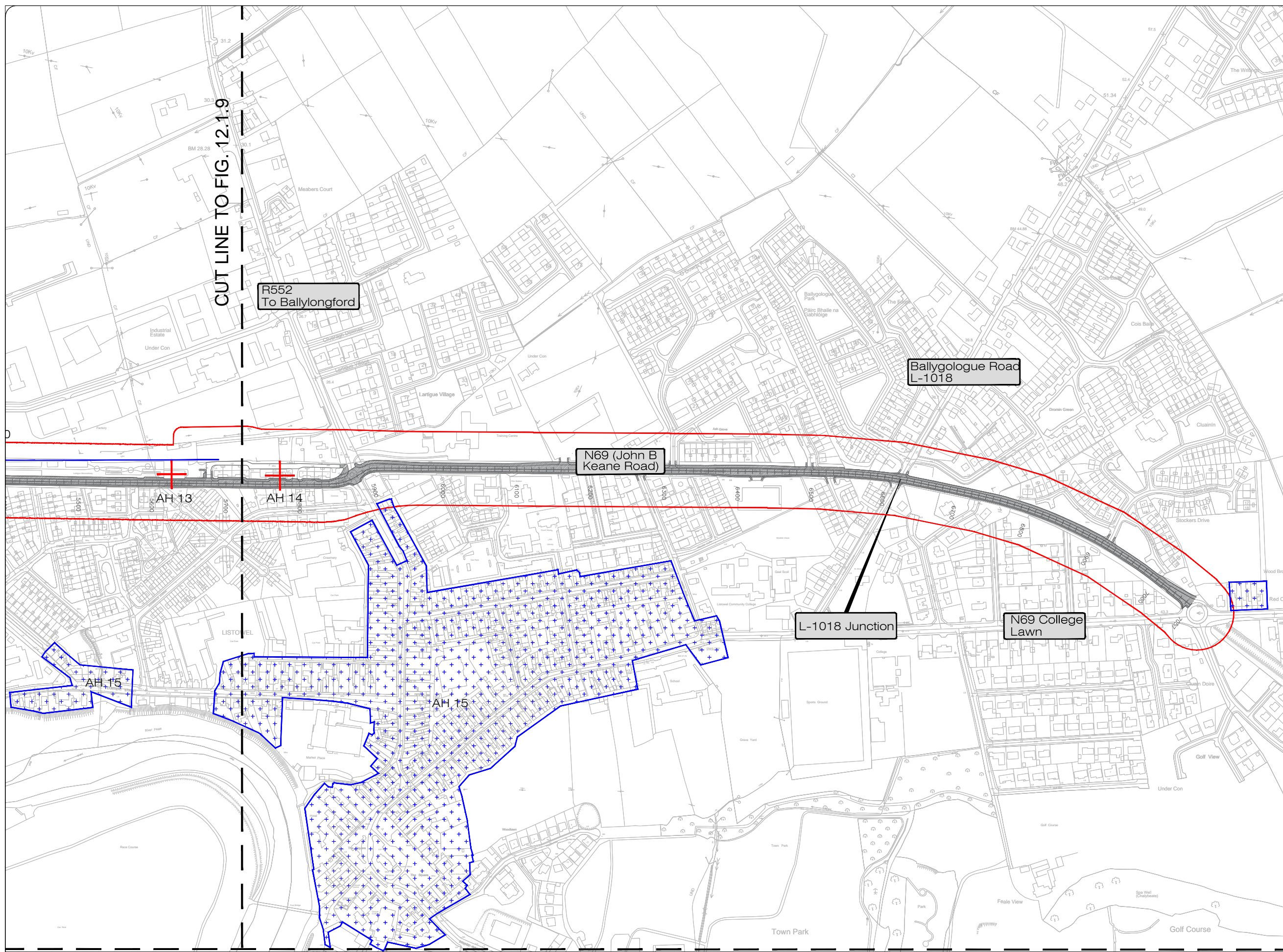
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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Architectural Heritage - Sheet 4 of 5
Design: AS	File Name:
Draw: MW	Original scales: 1:2,500 @ A1 1:5,000 @ A3
Check: AM	Date: JUNE 2014
Drawing No. 32105301/EIS/Fig 12.1.9	

- Legend:**
-  Proposed Development
 -  50m Study Area
 -  Protected structure & NIAH site
 -  Architectural conservation area
 -  Undesignated architectural heritage site



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Rev	By	Date	Description
0	JTM	April 2017	For Publication

Project:	N69 LISTOWEL BYPASS
Component:	Environmental Impact Statement
Title:	Architectural Heritage - Sheet 5 of 5
Design:	AS
Drawn:	MW
Checked:	AM
File Name:	12.500 @ A1 15.000 @ A3
Original scales:	1:2,500 @ A1 1:5,000 @ A3
Date:	JUNE 2014
Drawing No.:	32105301/EIS/Fig 12.1.10