

N4-N15 Sligo Urban Improvement Scheme

Environmental Assessment Report Volume 3

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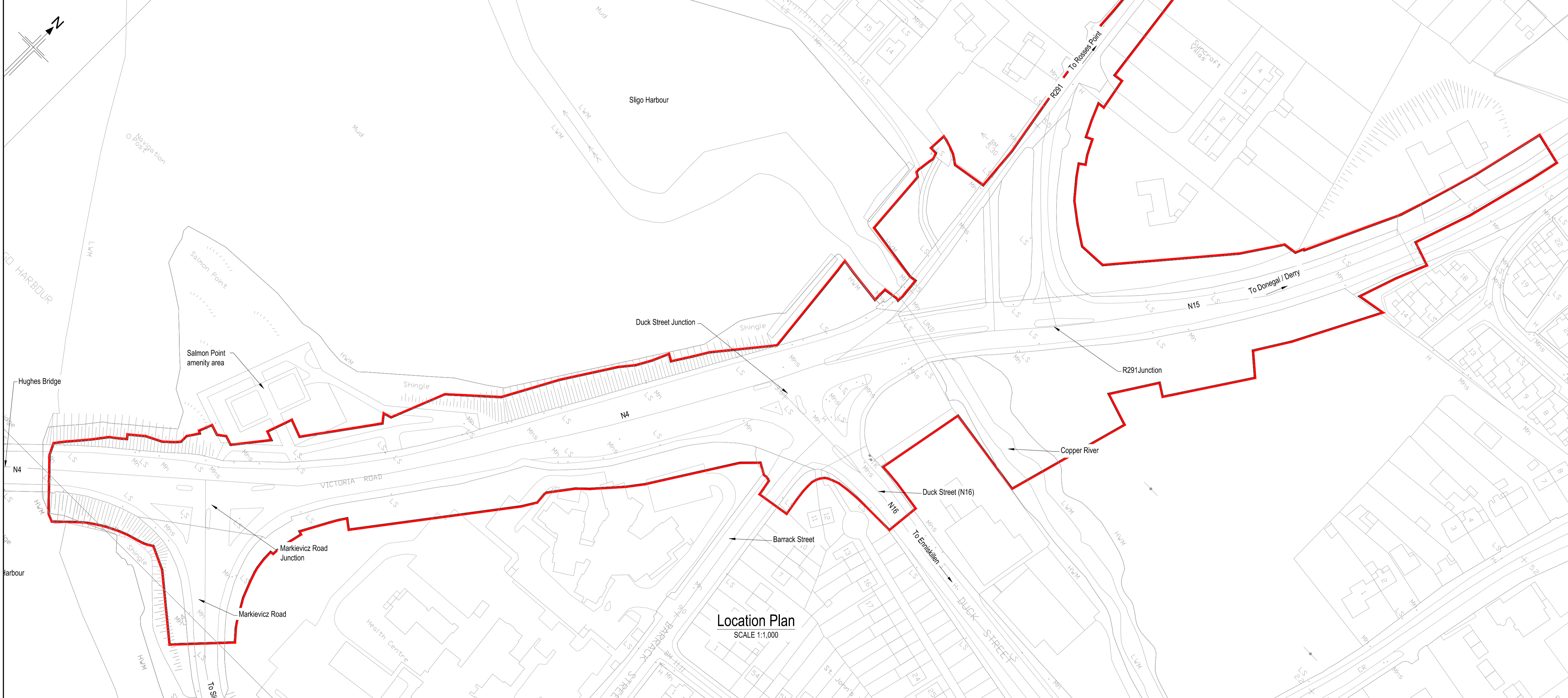
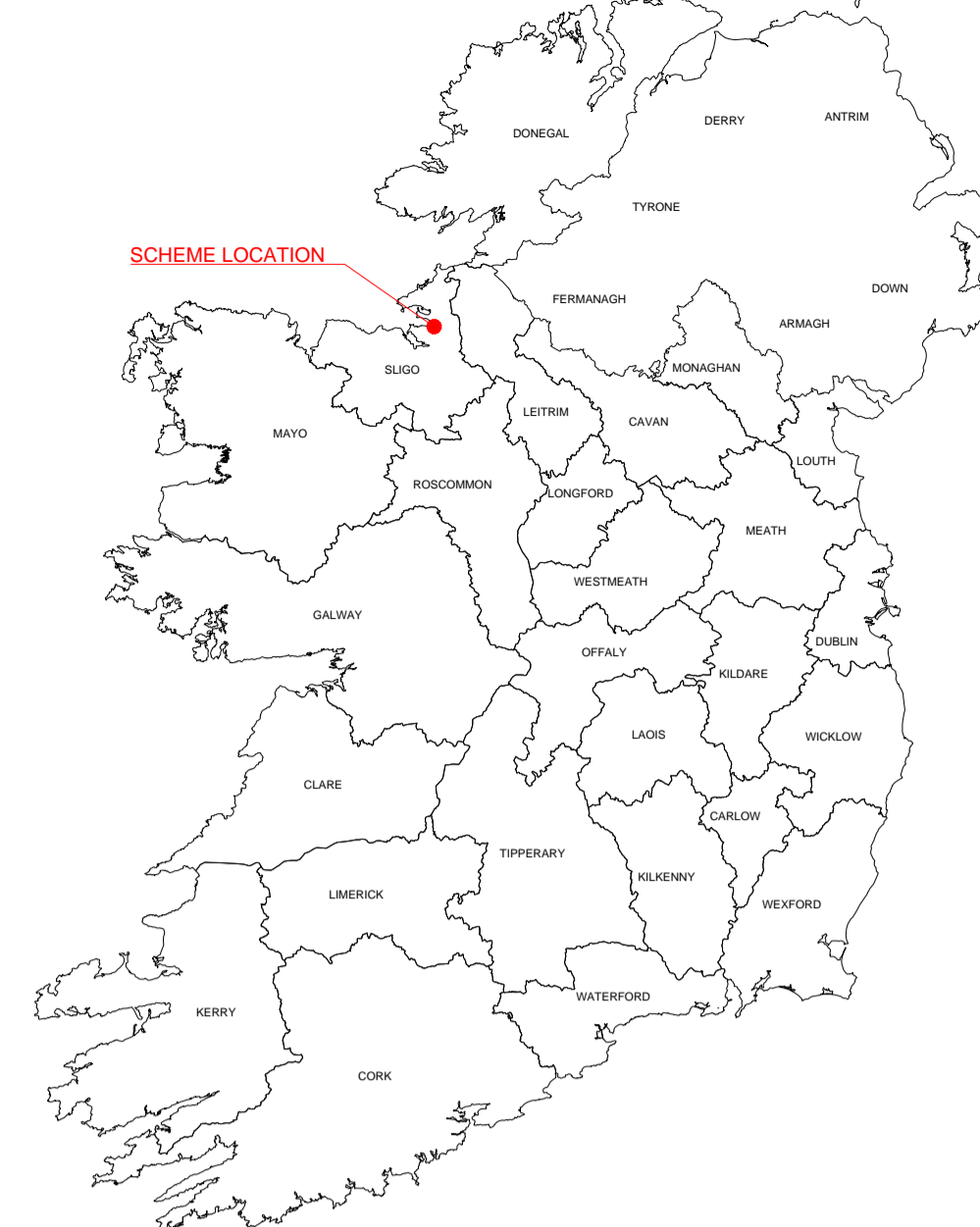
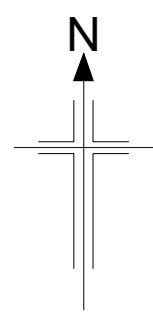
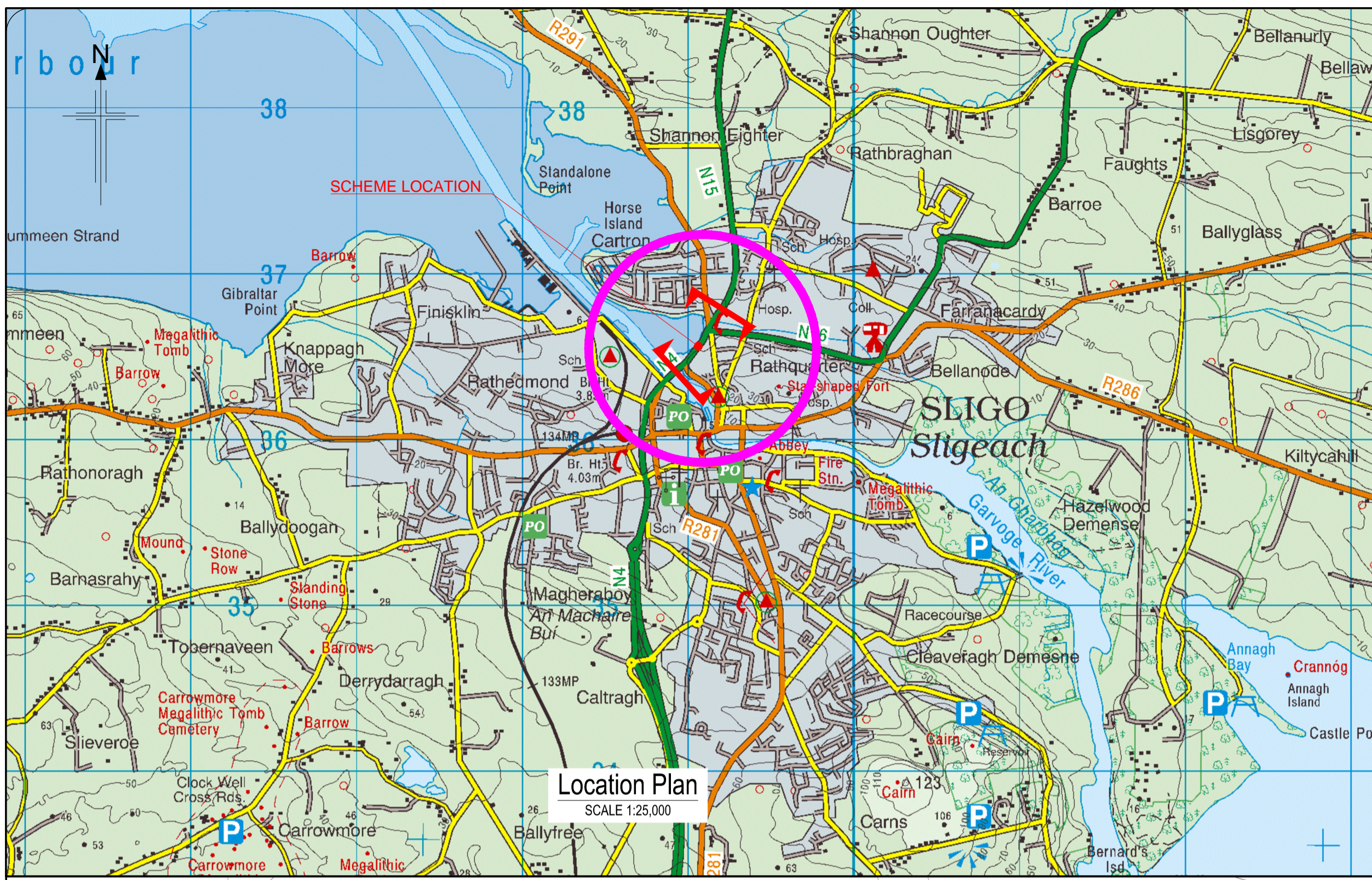
Archaeology, Cultural Heritage and Architectural Heritage

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Rev	By	Date	Description

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Component: Environmental Assessment Report Volume 3	
Title: Environmental Assessment Report Volume 3	Drawing No:
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Legend:
 N4 Sligo Urban Improvement Scheme



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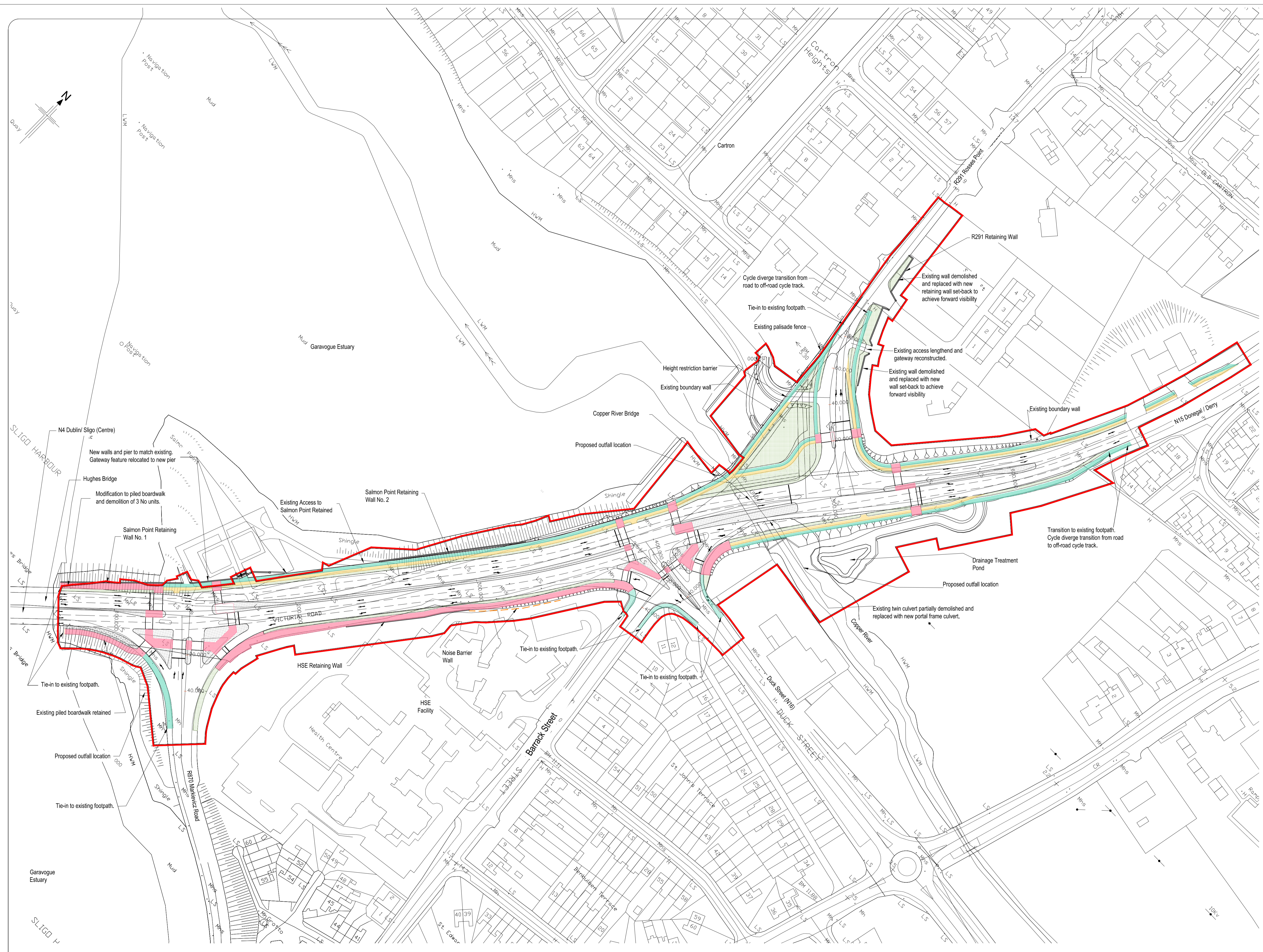
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0	SJ	June 2016	First Issue
1	SJ	Oct 2016	Second Issue
2	SJ	Dec 2016	Third Issue
3	GH	April 2017	Fourth Issue

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Checked: GH	Date: April 2017		

Legend

- Off Road Cycle Track
- Footpath
- Combined Footway/ Cyclepath
- Grassed Verge
- Pedestrian Deterrent Pavement
- Traffic Island



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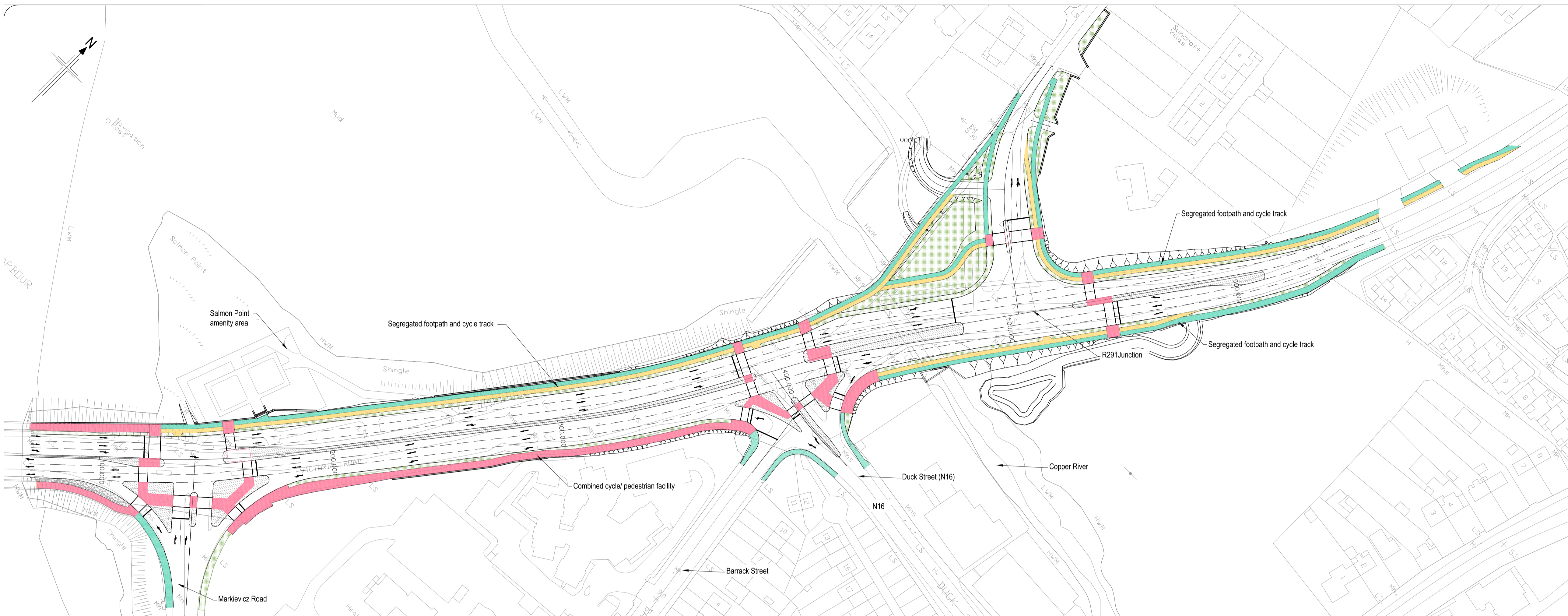


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0	SJ	June 2016	First Issue
1	SJ	Aug 2016	Second Issue
2	SJ	Oct 2016	Third Issue
3	SJ	Dec 2016	Fourth Issue
4	GH	April 2017	Fifth Issue
5	GH	June 2017	Sixth Issue

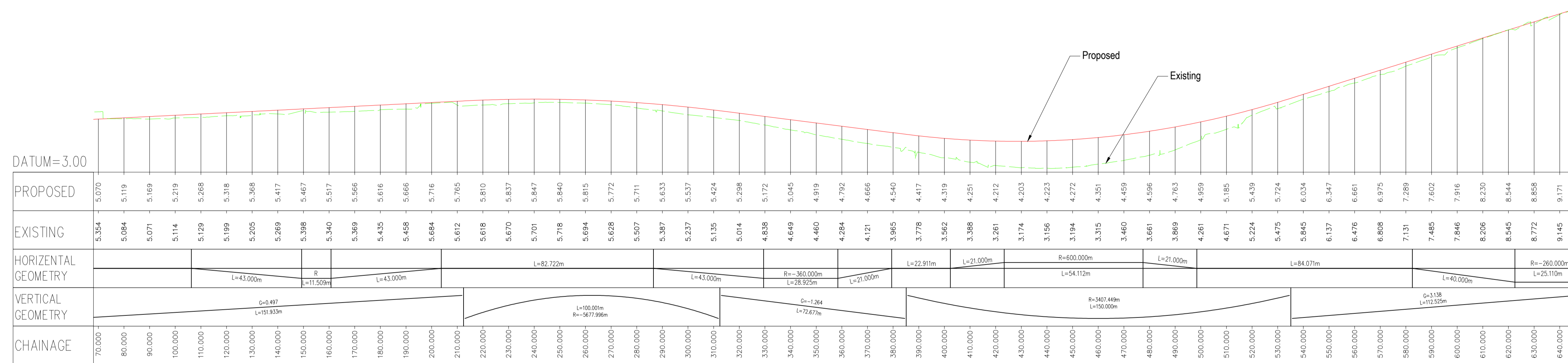
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Checked: GH			
			Drawing No. 32106101/EAR/FIG 2.1

Legend

-  Off Road Cycle Track
-  Footpath
-  Combined Footway/ Cyclepath
-  Grassed Verge
-  Pedestrian Deterrent Pavement
-  Traffic Island



Plan
Scale 1:1000



Long Section along Proposed Centerline
Horizontal Scale = 1:1000, Vertical Scale = 1:100

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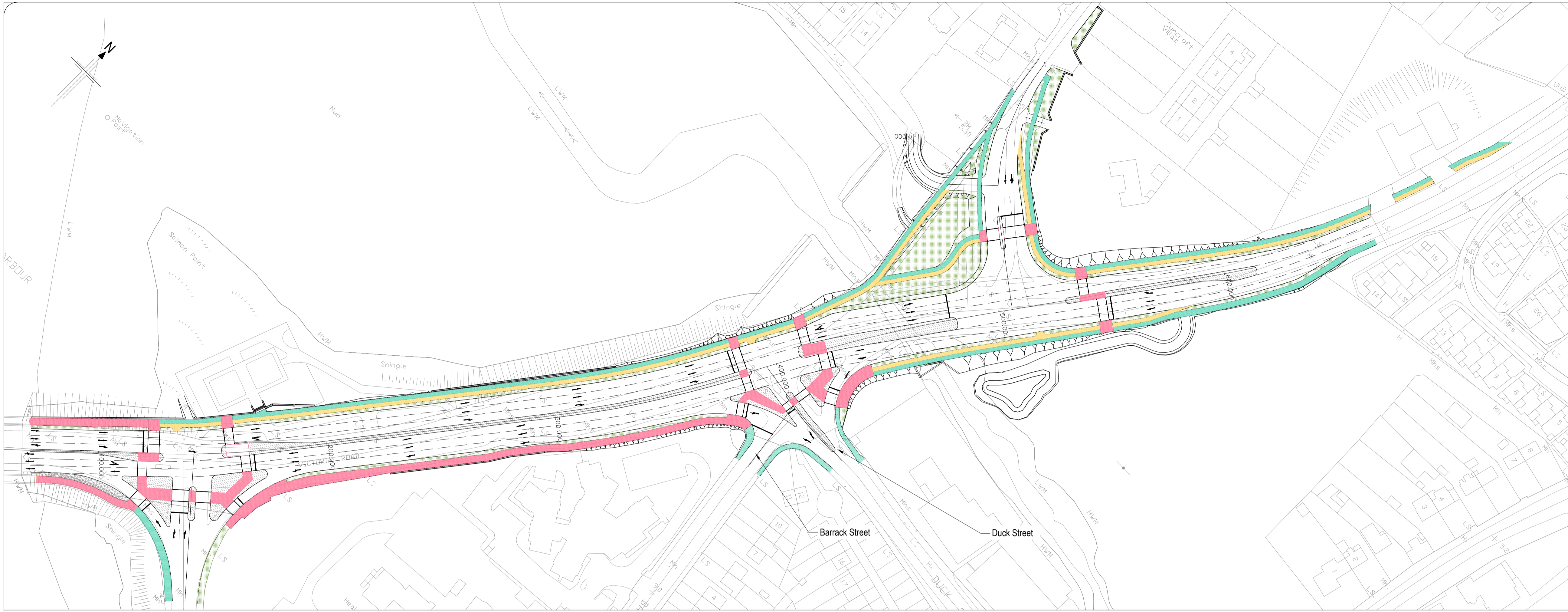
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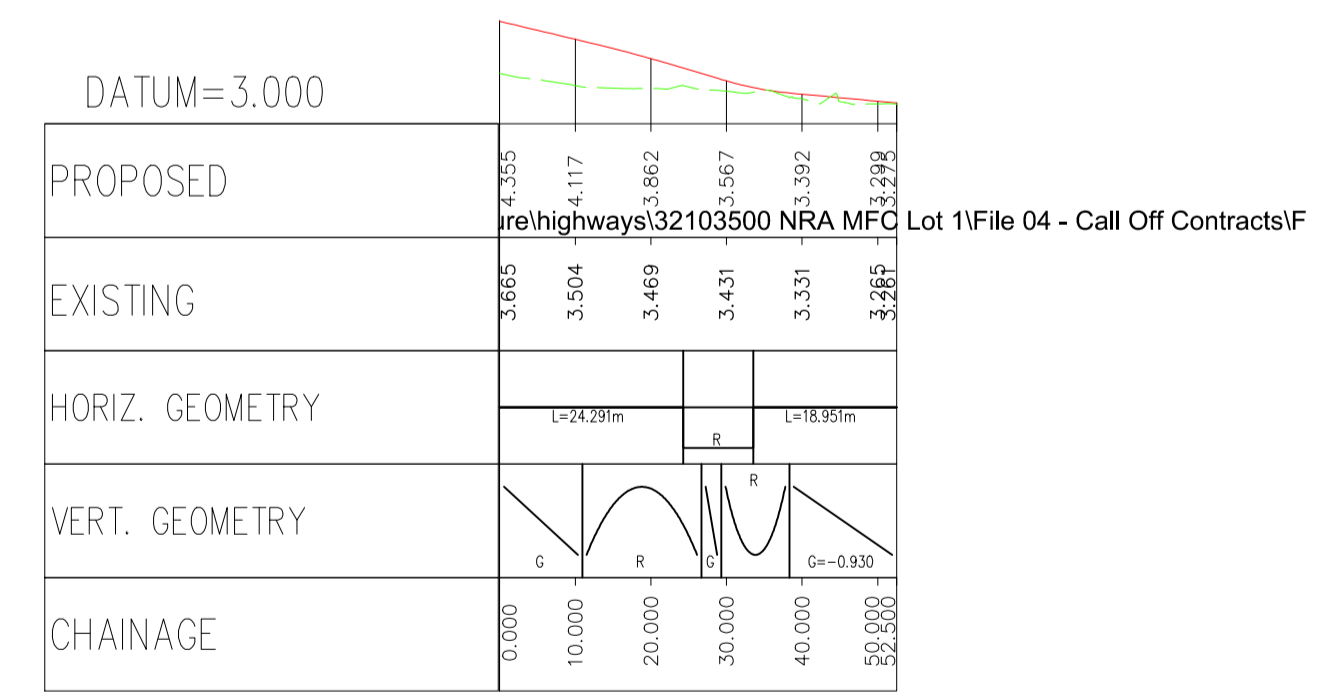
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2	SJ	Oct 2016	Third Issue
3	SJ	Dec 2016	Fourth Issue
4	GH	April 2017	Fifth Issue

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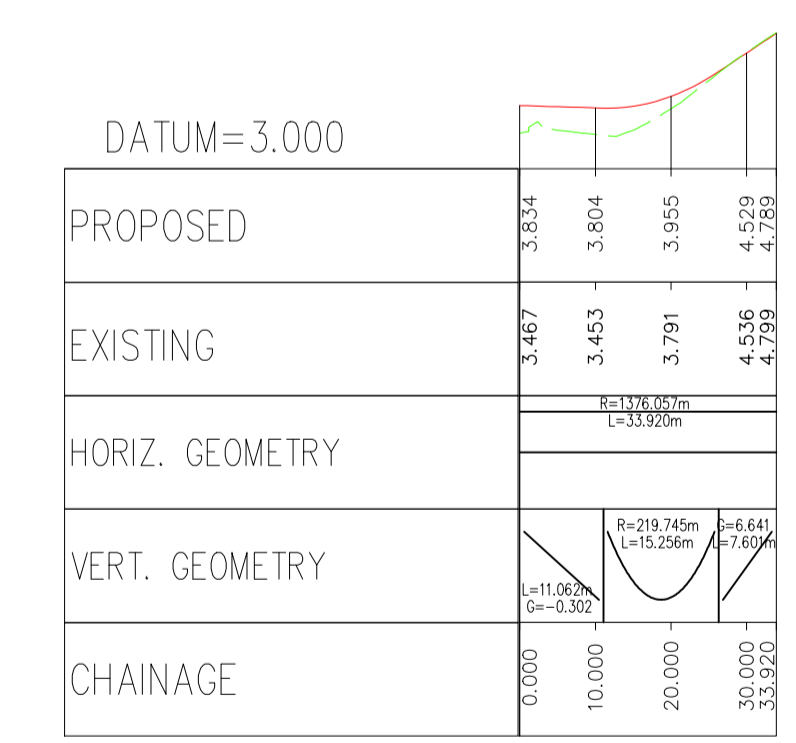
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-  Off Road Cycle Track
 -  Footpath
 -  Combined Footway/ Cyclepath
 -  Grassed Verge
 -  Pedestrian Deterrent Pavement
 -  Traffic Island



Plan
Scale = 1:1000



DUCK STREET



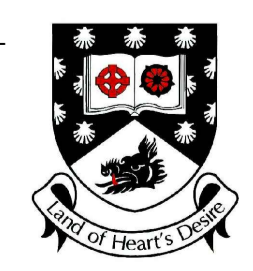
BARRACK STREET

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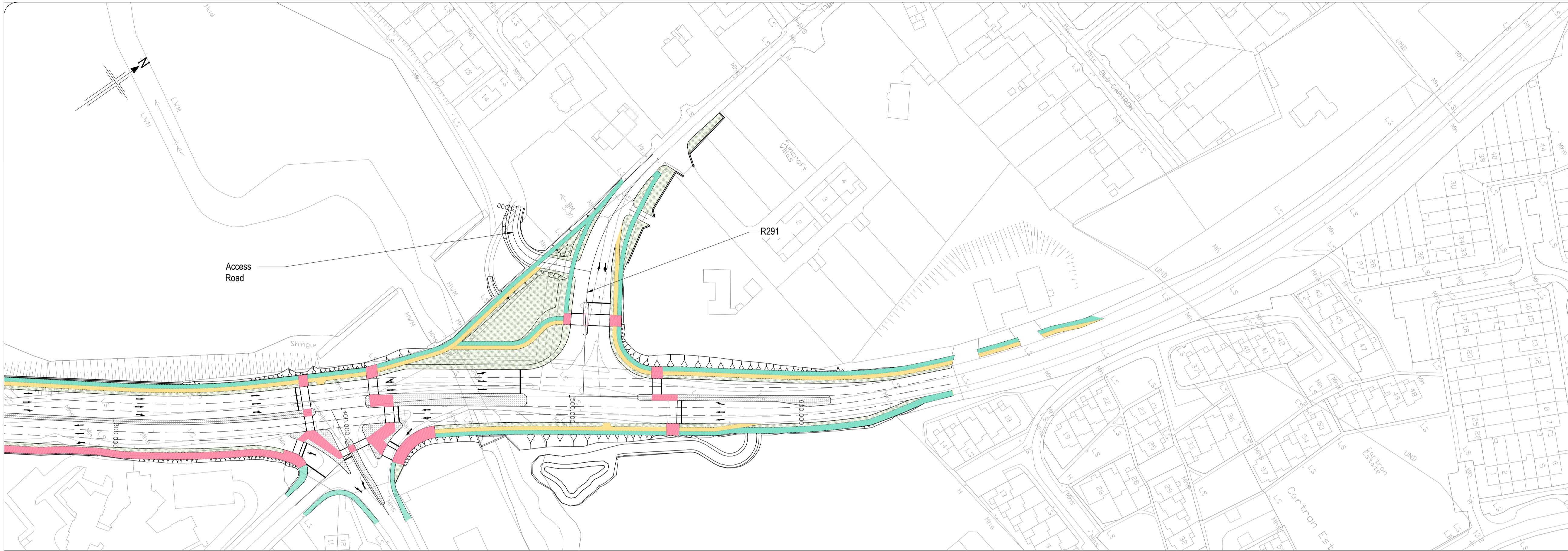
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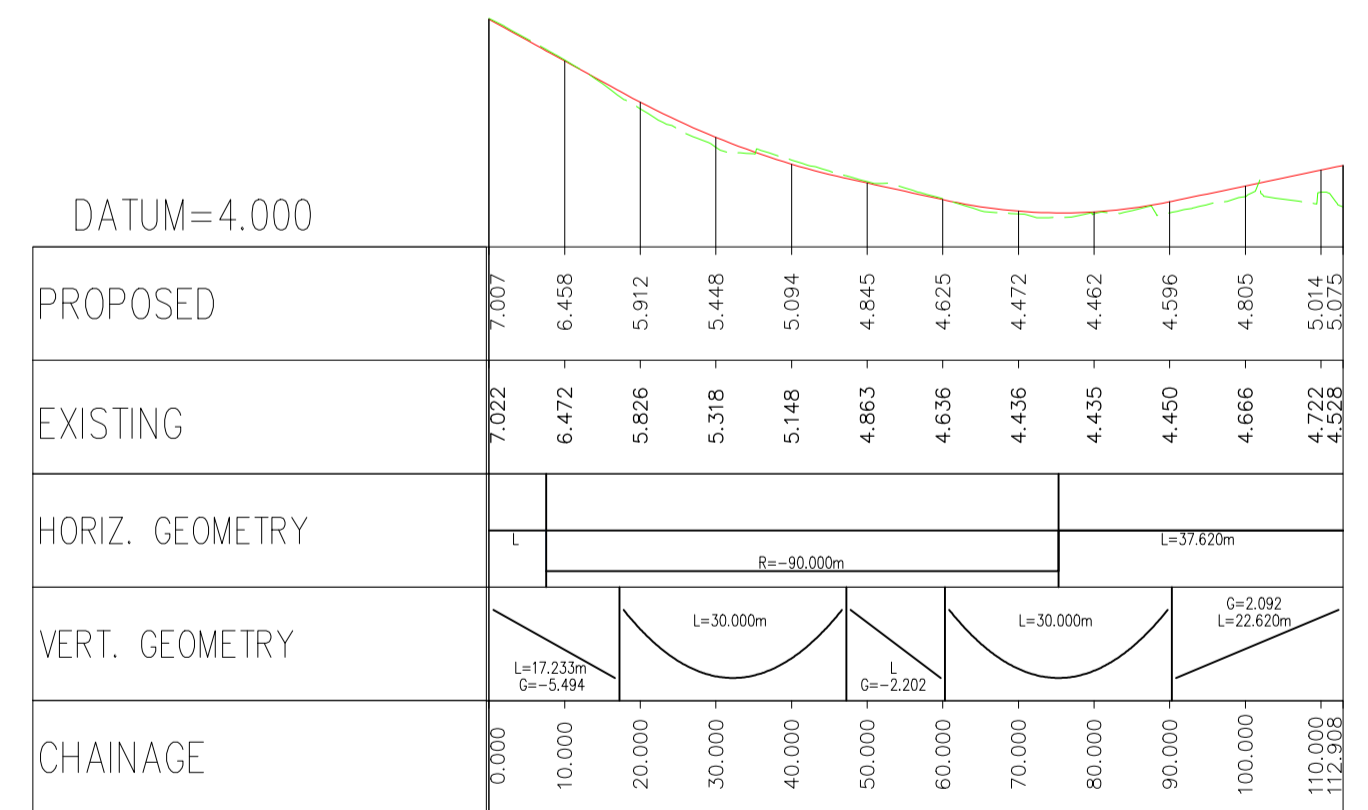
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4	GH	April 2017	Fifth Issue

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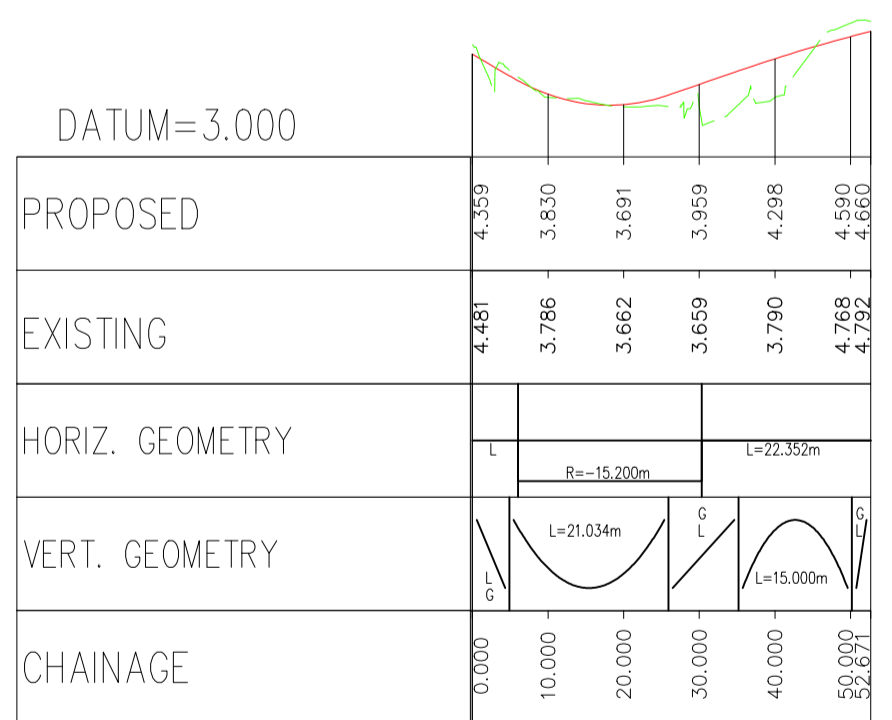
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-  Off Road Cycle Track
 -  Footpath
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 -  Traffic Island



Plan
Scale = 1:1000



R291



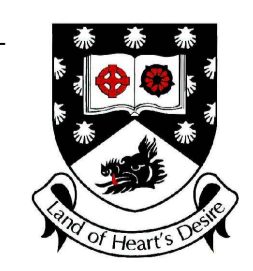
ACCESS ROAD

Long Section along Proposed Centerline
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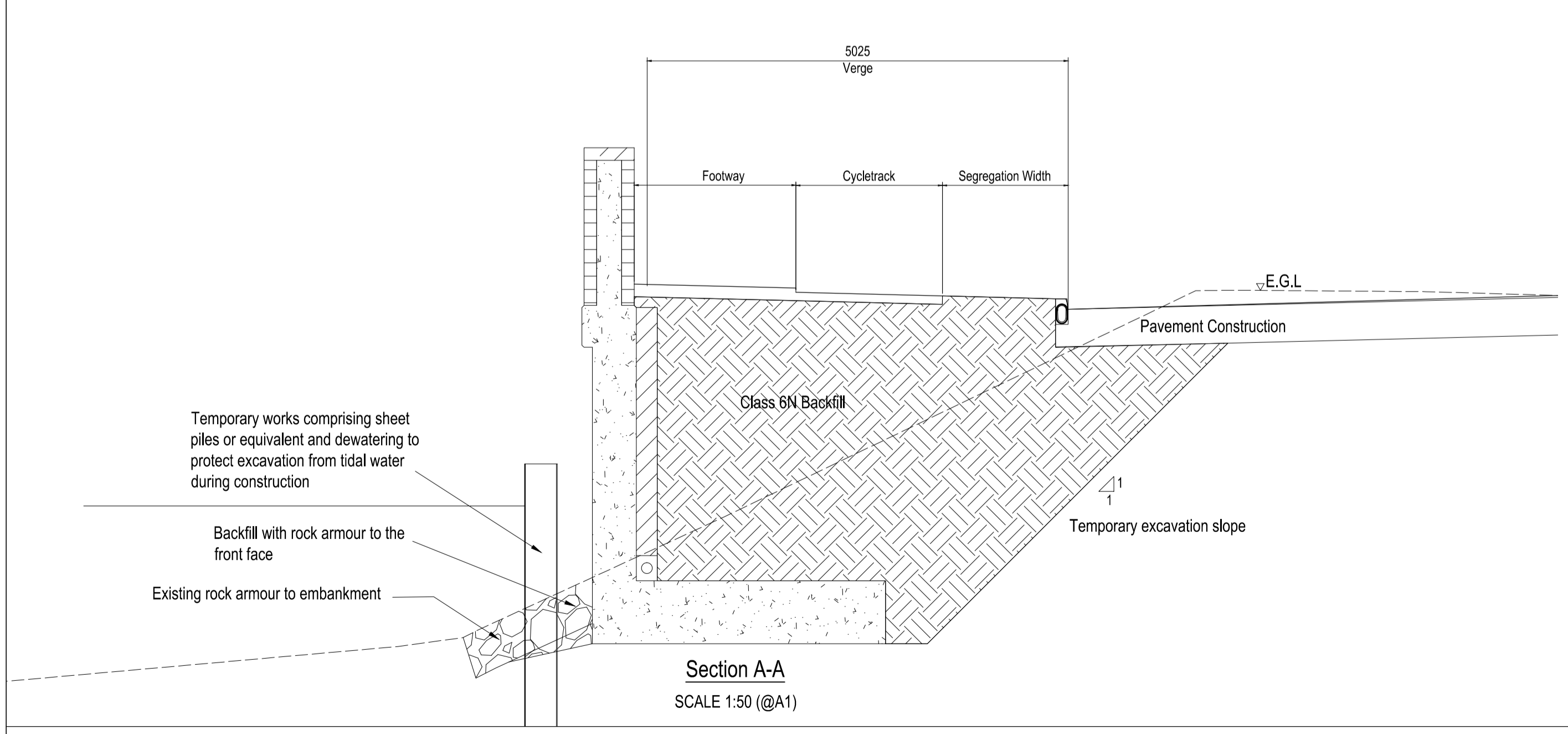
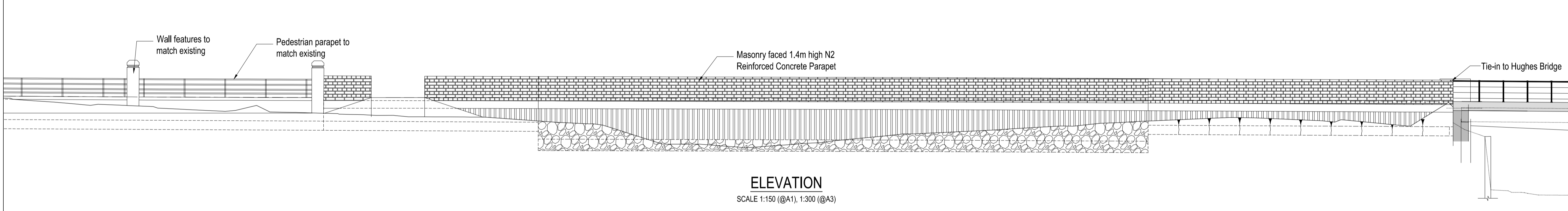
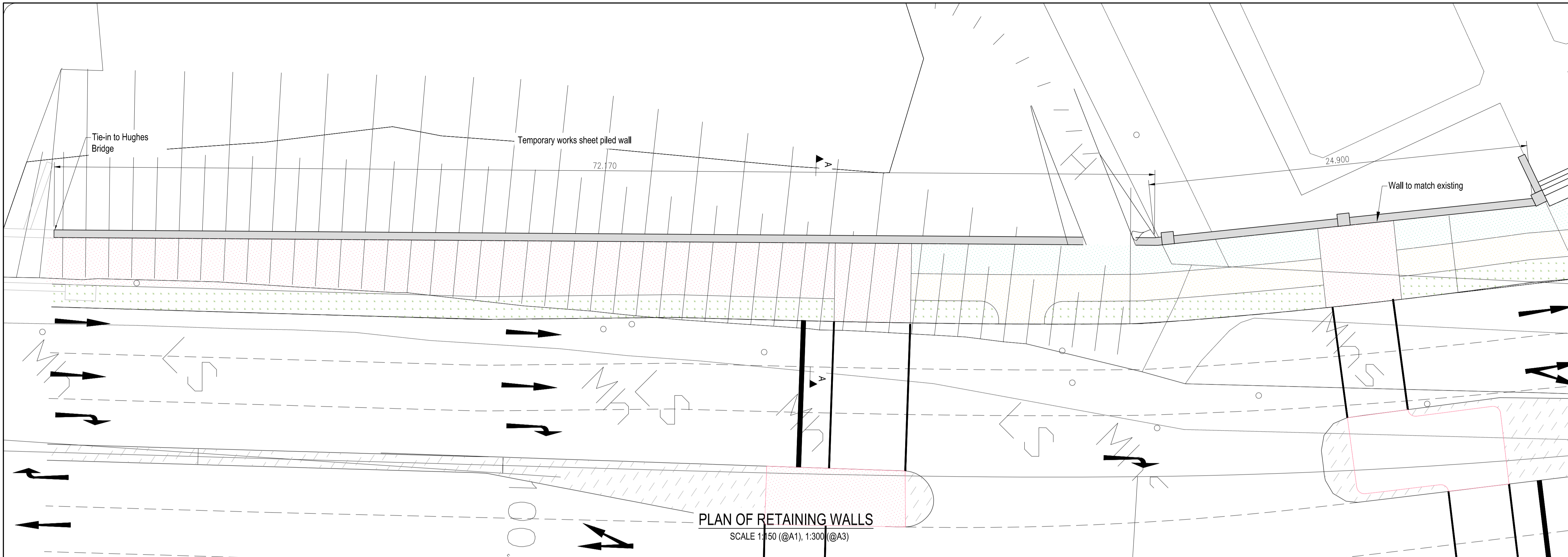
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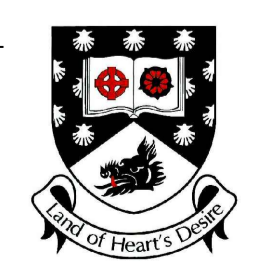
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- Off Road Cycle Track
 - Footpath
 - Combined Footway/ Cyclepath



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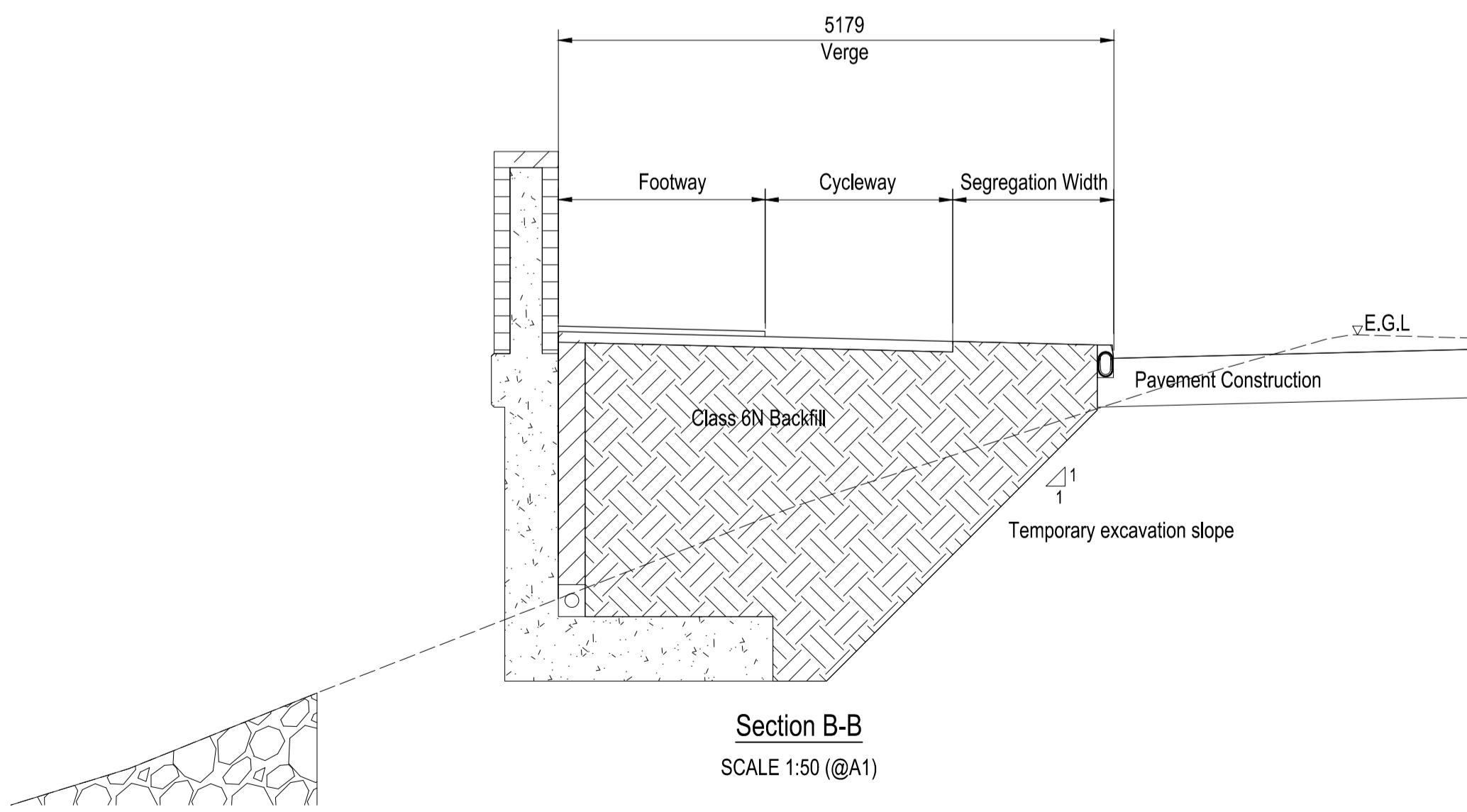
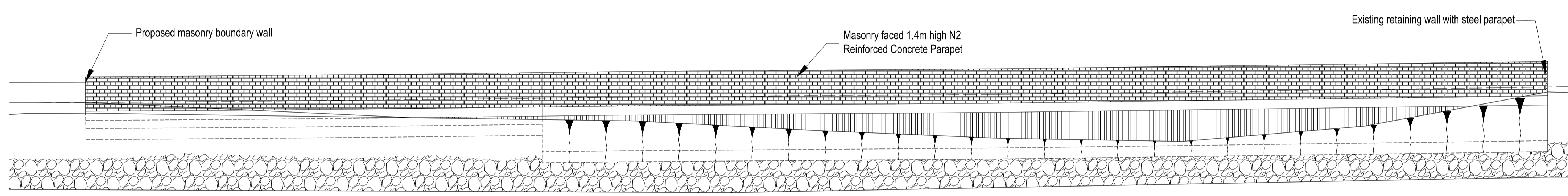
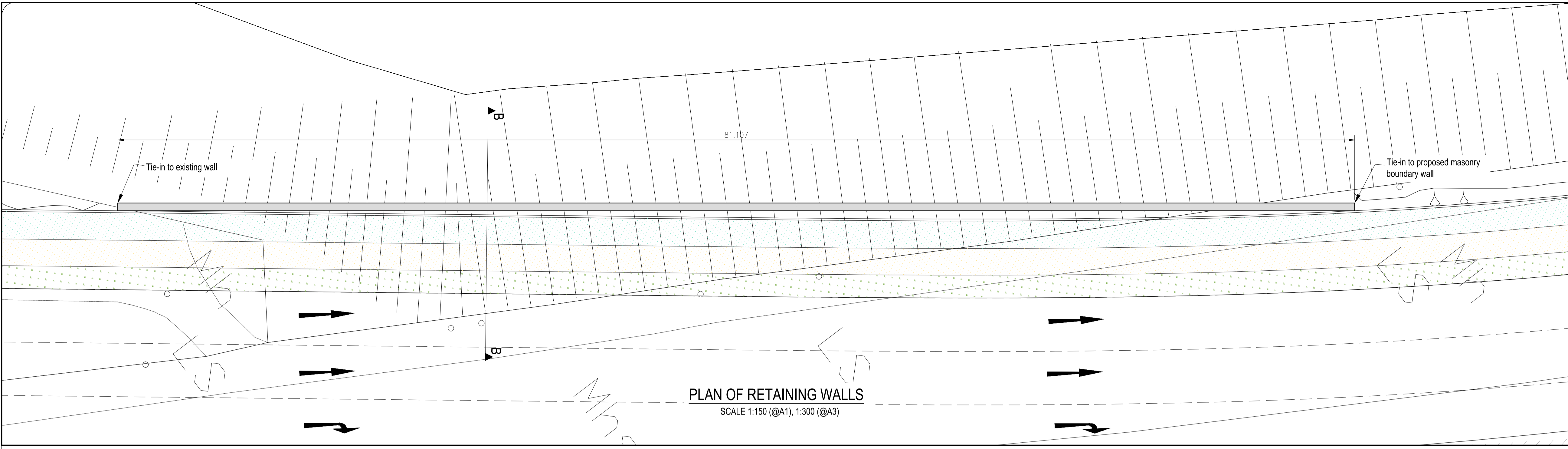
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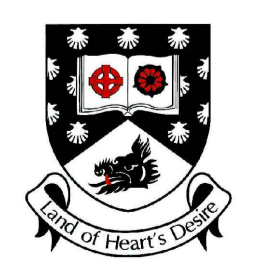
- Legend**
- Off Road Cycle Track
 - Footpath
 - Combined Footway/ Cyclepath



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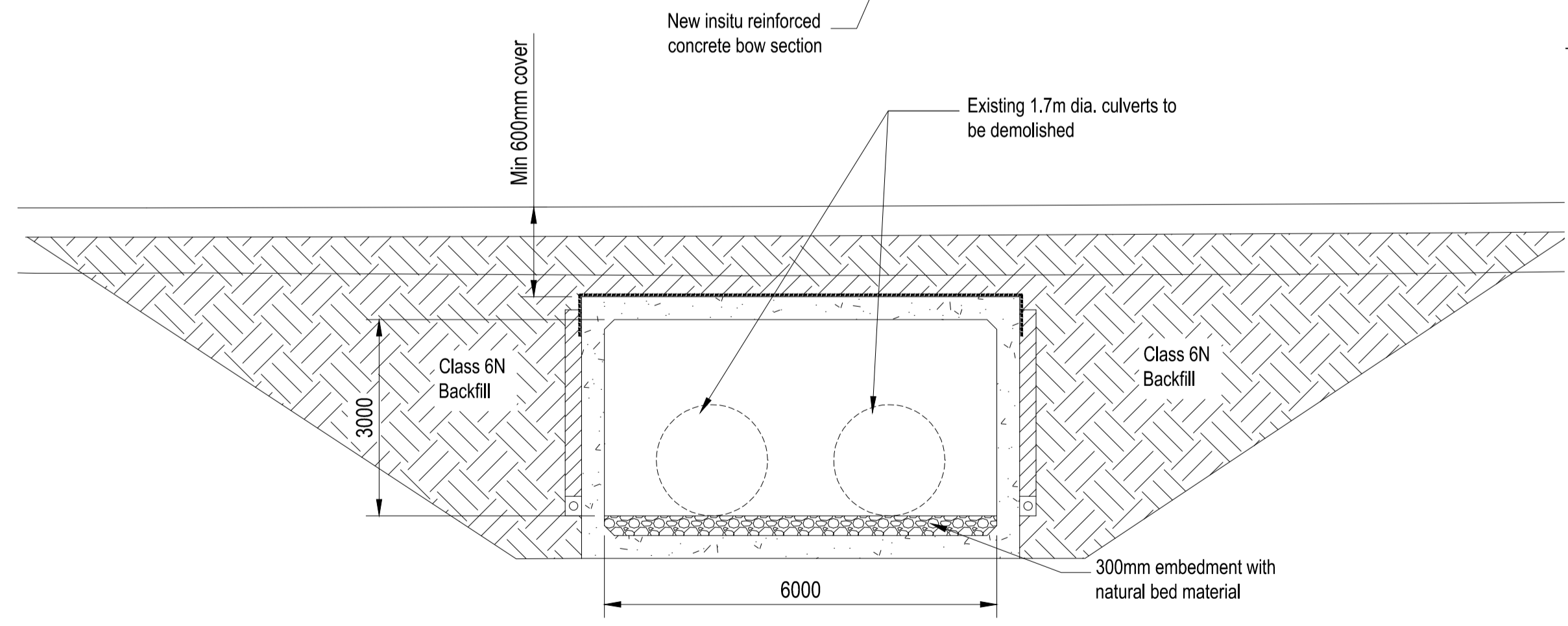
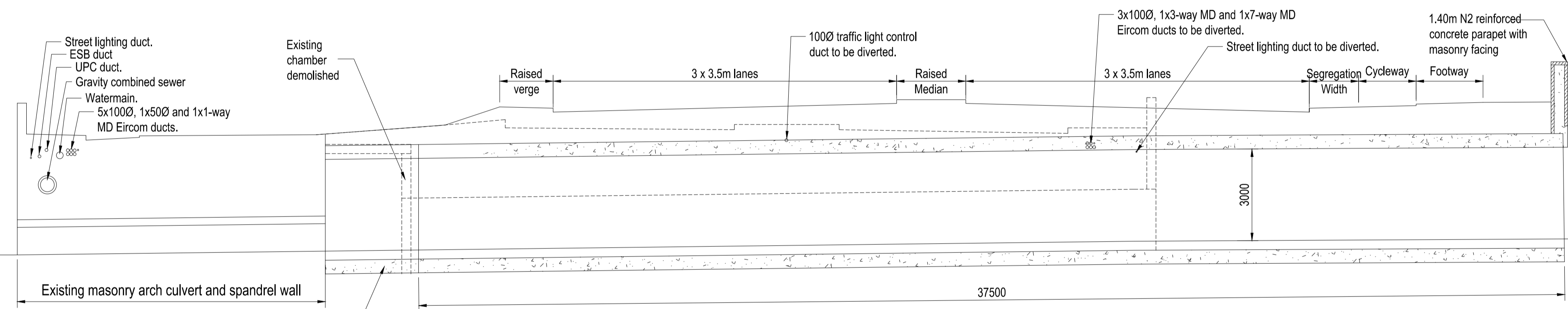
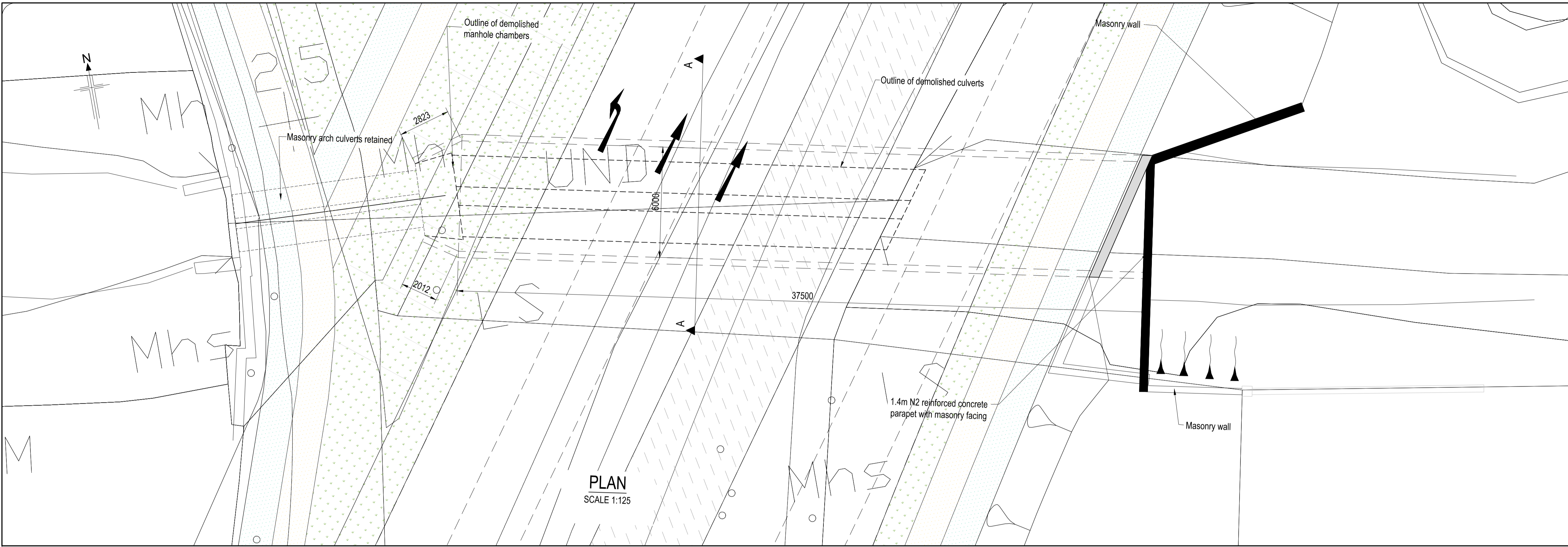
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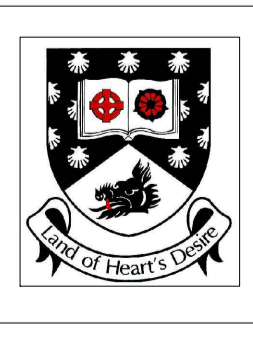
- Legend**
- Off Road Cycle Track
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 - Combined Footway/ Cyclepath



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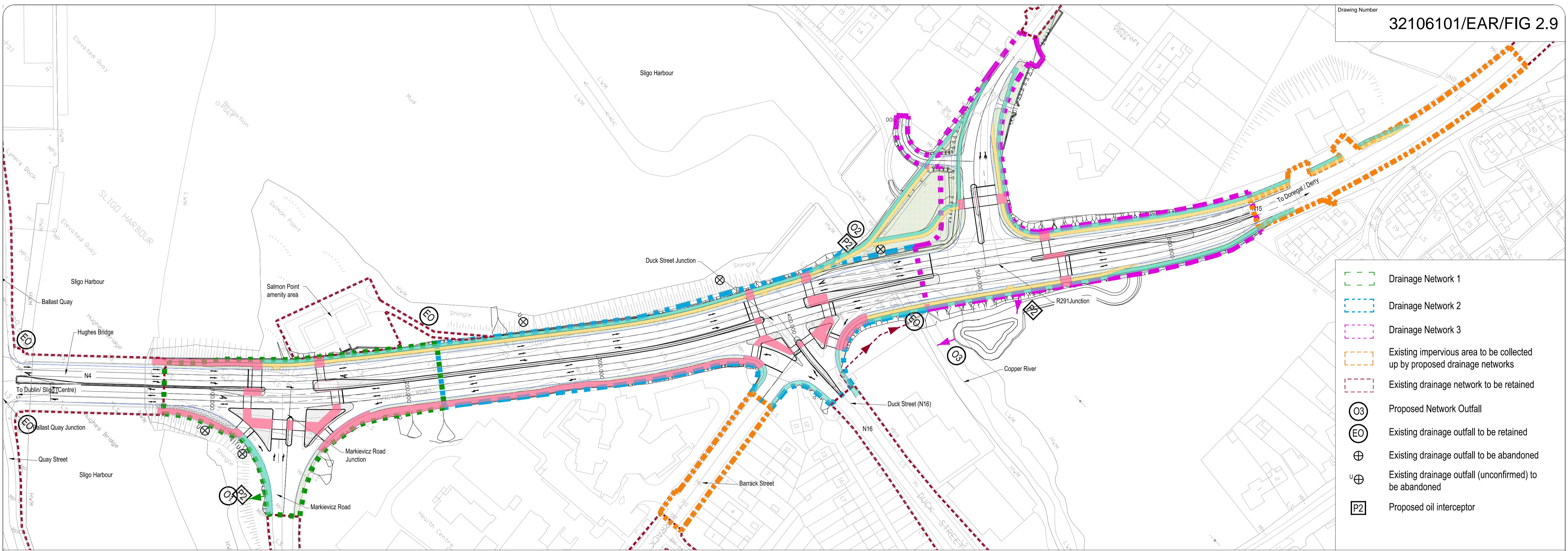


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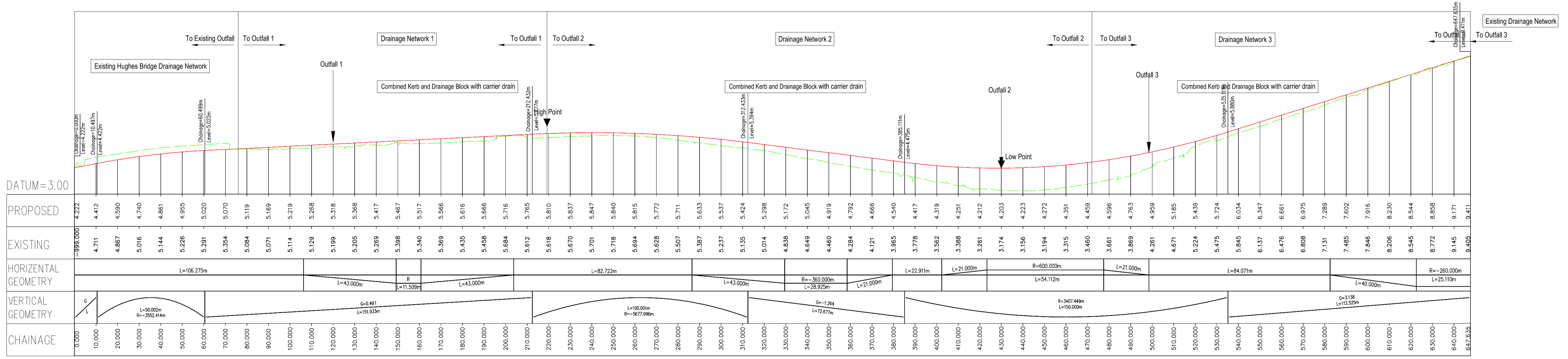


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4	GH	April 2017	Fifth Issue

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Plan
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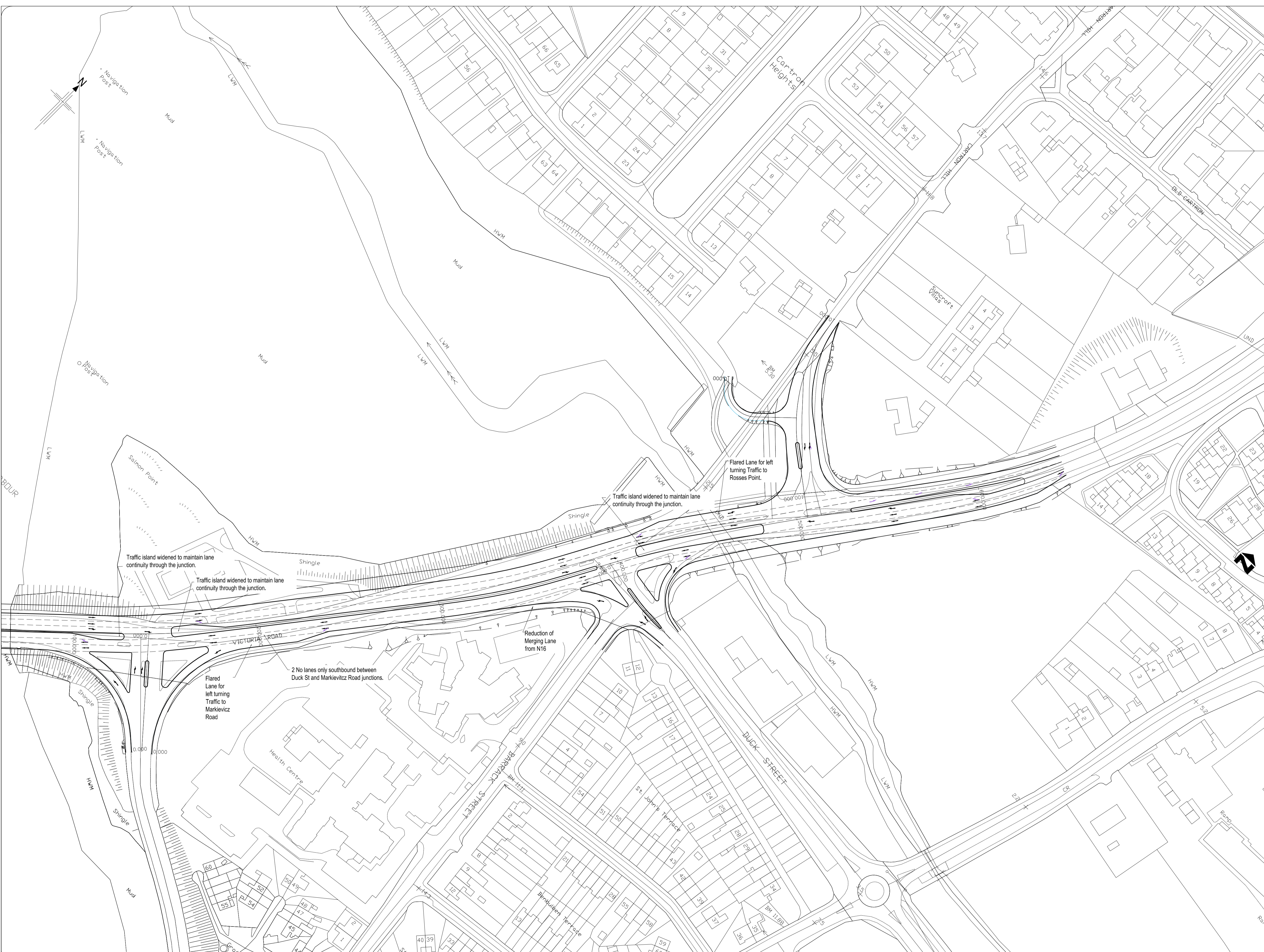
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4	GH	April 2017	Fifth Issue

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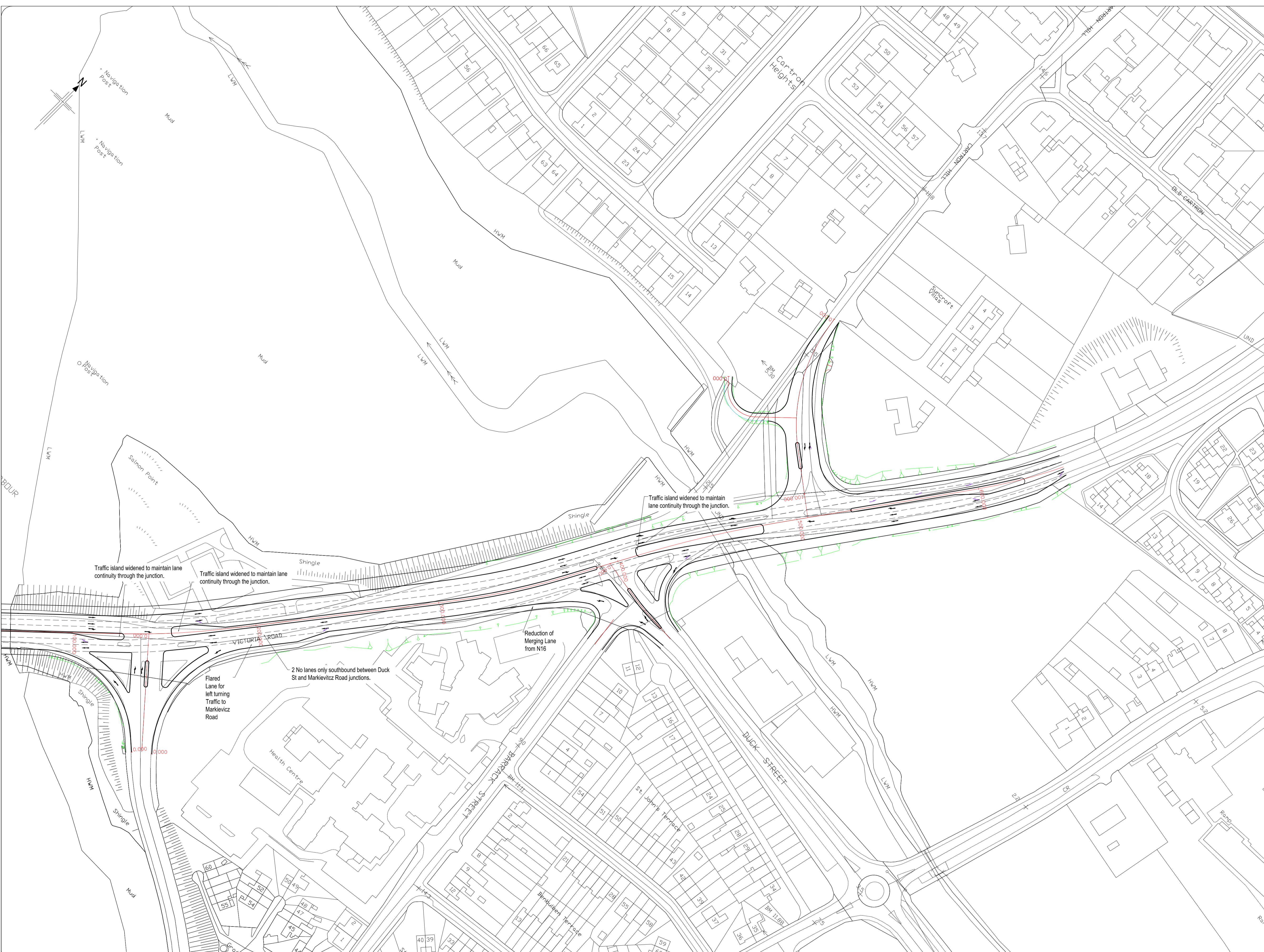


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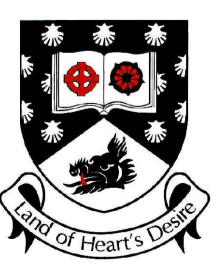
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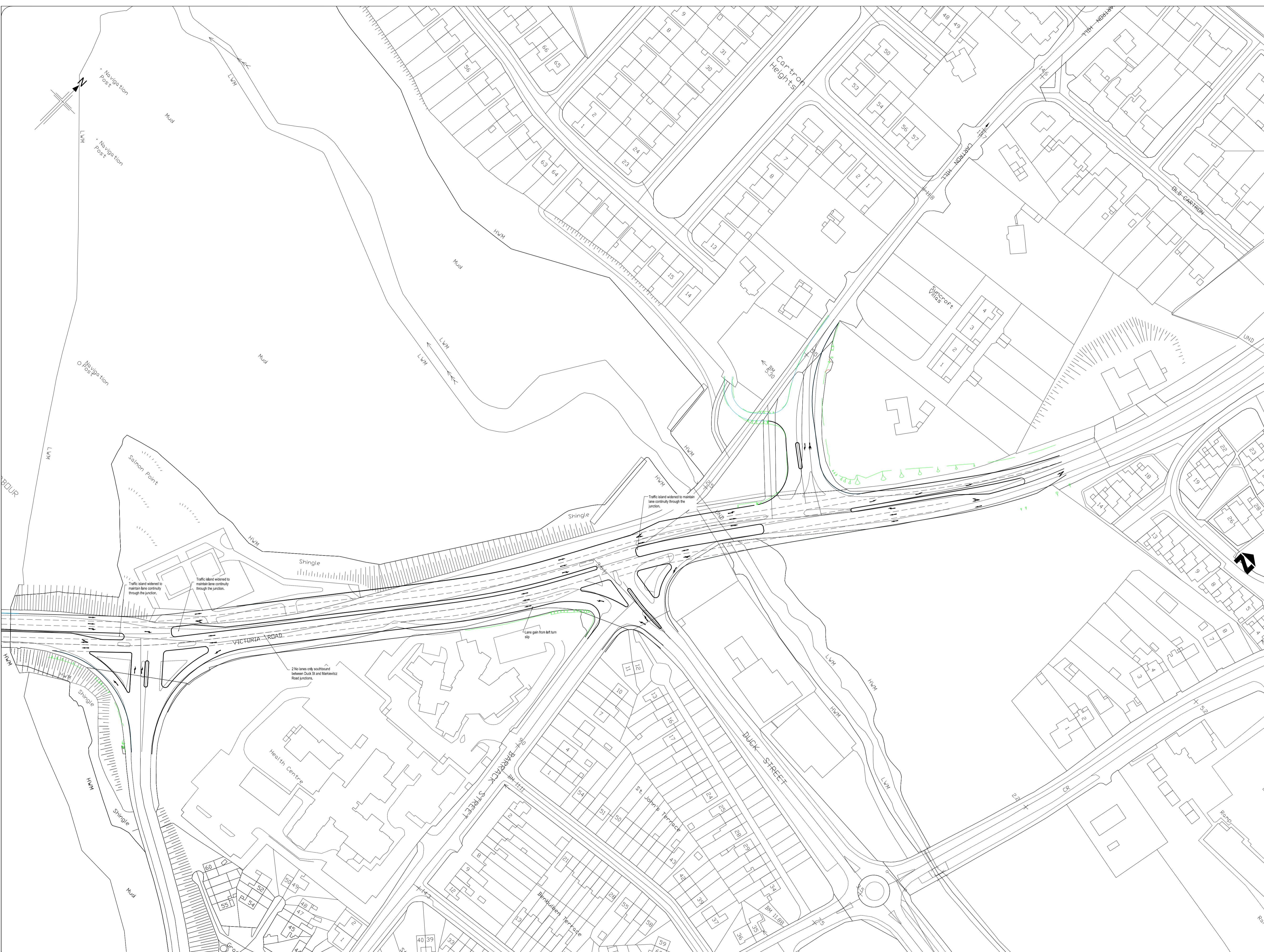


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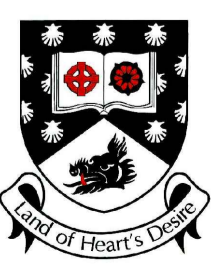
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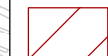
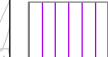

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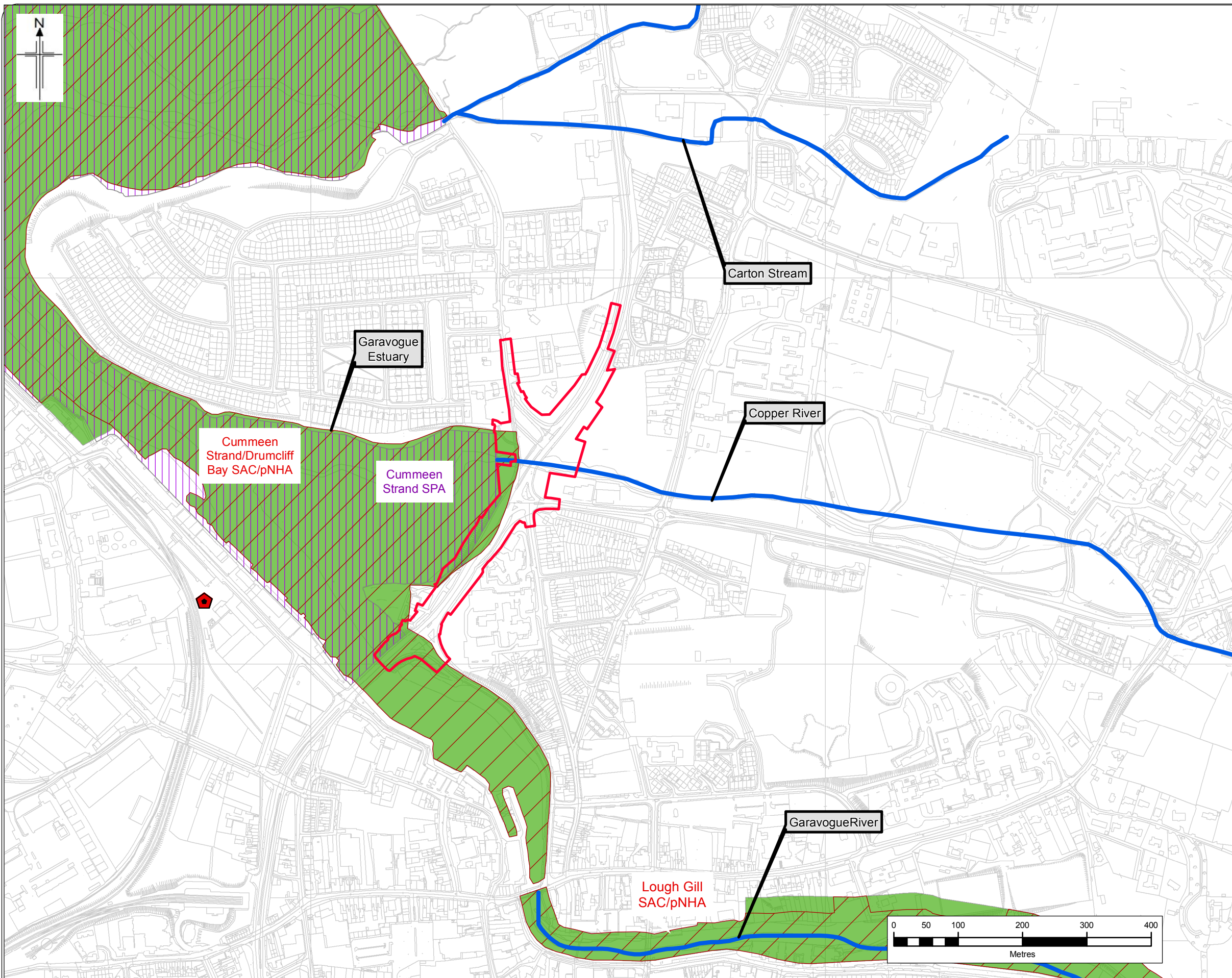


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Checked: PC	Date:	April 2017	

Legend :

-  Proposed Development Boundary
-  Proposed Construction Compound
-  Water Features
-  Special Area of Conservation (SAC)
-  Special Protection Area (SPA)
-  proposed Natural Heritage Area (pNHA)











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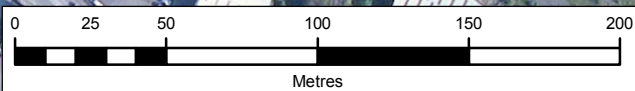
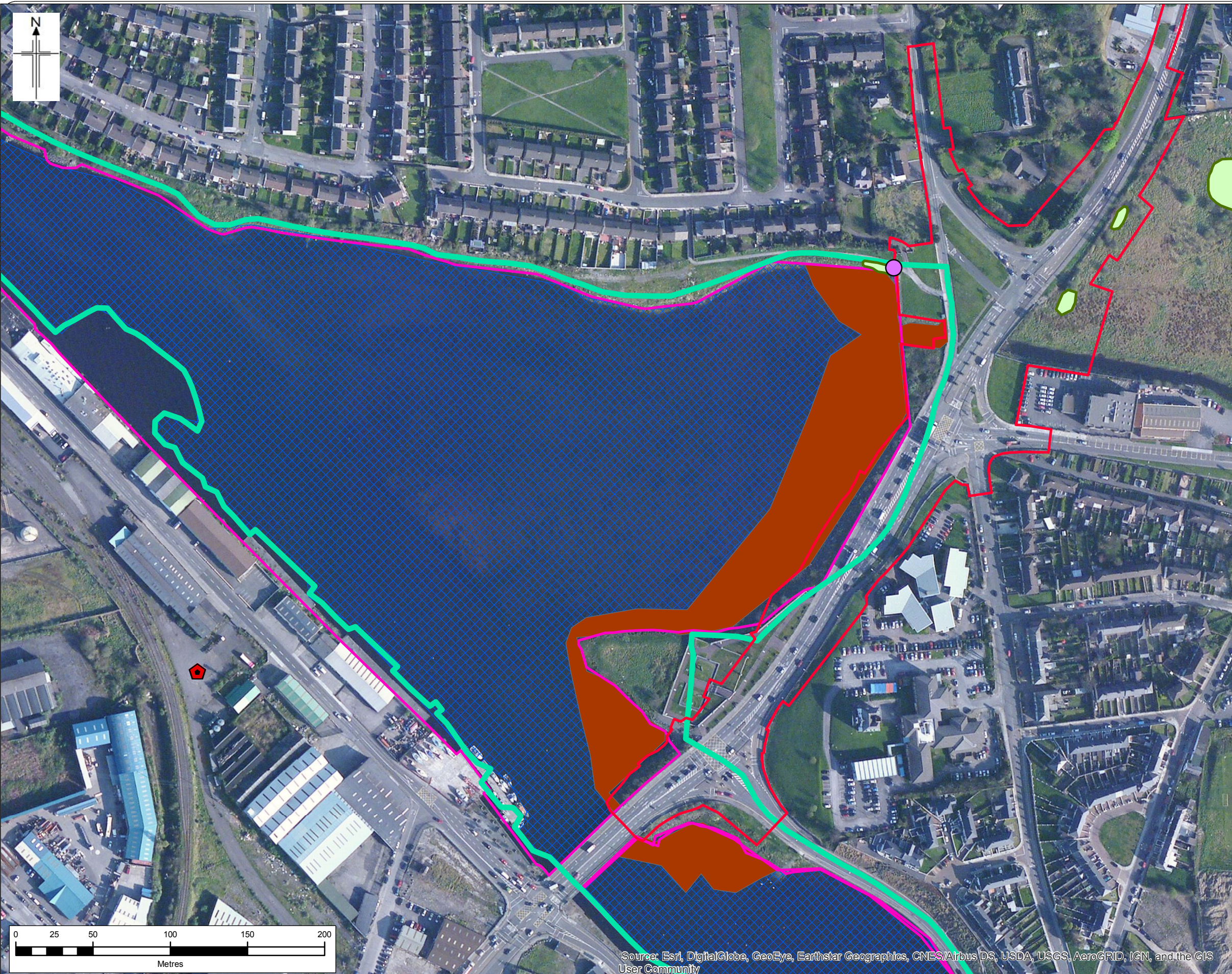


Rev.	By	Date	Description
0	PW	11/05/16	Draft Issue
1	TM	12/07/16	Map update
2	PW	20/10/16	Final
3	PW	06/12/16	Final
4	PW	03/04/17	Final
5	EF	27/06/17	Final

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Component: Chapter 5 Flora and Fauna		
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Reviewed: RF	Date: 27/06/2017	

Legend :

-  Proposed Development Boundary
-  Proposed Construction Compound
-  Mixed Sediment Shore (Not QI 'mudflats and sandflat' habitat as per Conservation Objective Mapping)
-  Invasive Bluebell
-  Invasive Japanese Knotweed
-  Cummeen Strand SPA
-  Cummeen Strand/Drumcliff Bay
-  QI Estuary Habitat Mudflat and Sandflat Habitat (Cummeen Strand/Drumcliff)



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



















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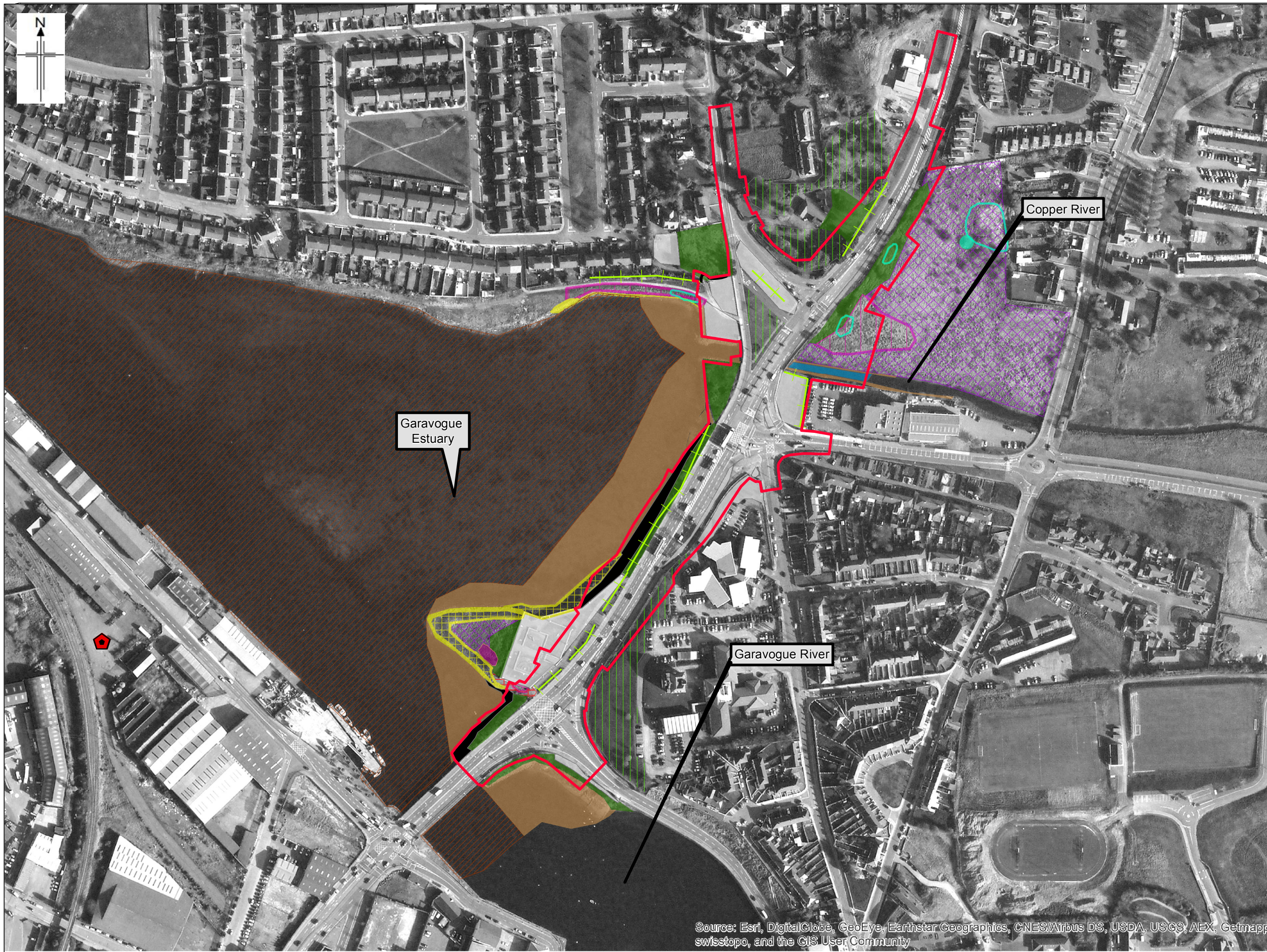


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2	PW	20/10/16	Final
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5	EF	27/06/17	Final

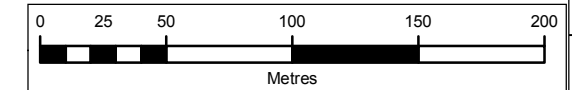
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Component: Chapter 5 Flora and Fauna		
Title: Habitat Map		
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Checked: CC	Original Scale: 1:1,500 @A1 1:2,500 @ A3	32106101/EAR/ Figure 5.2
Reviewed: RF	Date: 27/06/2017	

Legend :

-  Proposed Development Boundary
-  Proposed Construction Compound
-  WL2 Treeline
-  BL1 Stone Walls and Other Stonework
-  CC1 Coastal Construction
-  Invasive Japanese Knotweed
-  CM1 Lower Salt Marsh
-  MW4 Estuaries / LS4 Muddy Shores
-  CM2 Upper Salt Marsh
-  LS5 Mixed sediment /LR3 Sheltered rocky shores
-  CW2 Tidal River
-  GA2 Amenity Grassland Improved
-  GS2 Dry Meadows and Grassy Verges
-  GS4 Wet Grassland
-  WD5 Scattered Trees and Parkland
-  WS1 Scrub
-  ED3 Recolonising Bare Ground
-  Rare Wild Leek Plants
-  Endangered velvet feather-moss



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmappi swisstopo, and the GIS User Community



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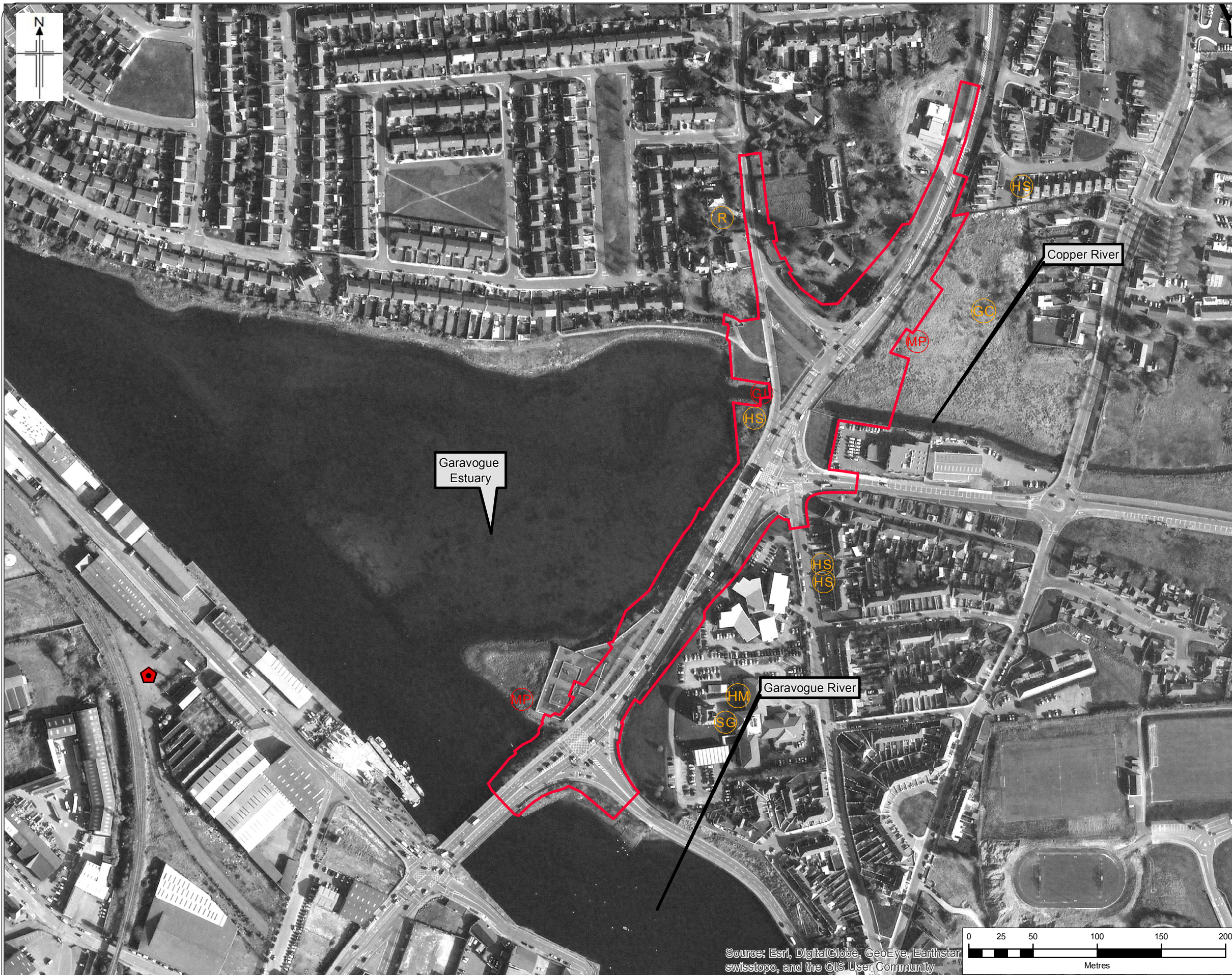


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Title: Habitat Map		
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Checked: CC	Original Scale: 1:1,500 @A1 1:3,000 @A3	32106101/EAR/ Figure 5.3
Reviewed: RF	Date: 27/06/2017	

Legend :

- Proposed Development Boundary
- ▣ Proposed Construction Compound
- XX Amber List Species (medium conservation concern).
- XX Red List Species (high conservation concern).







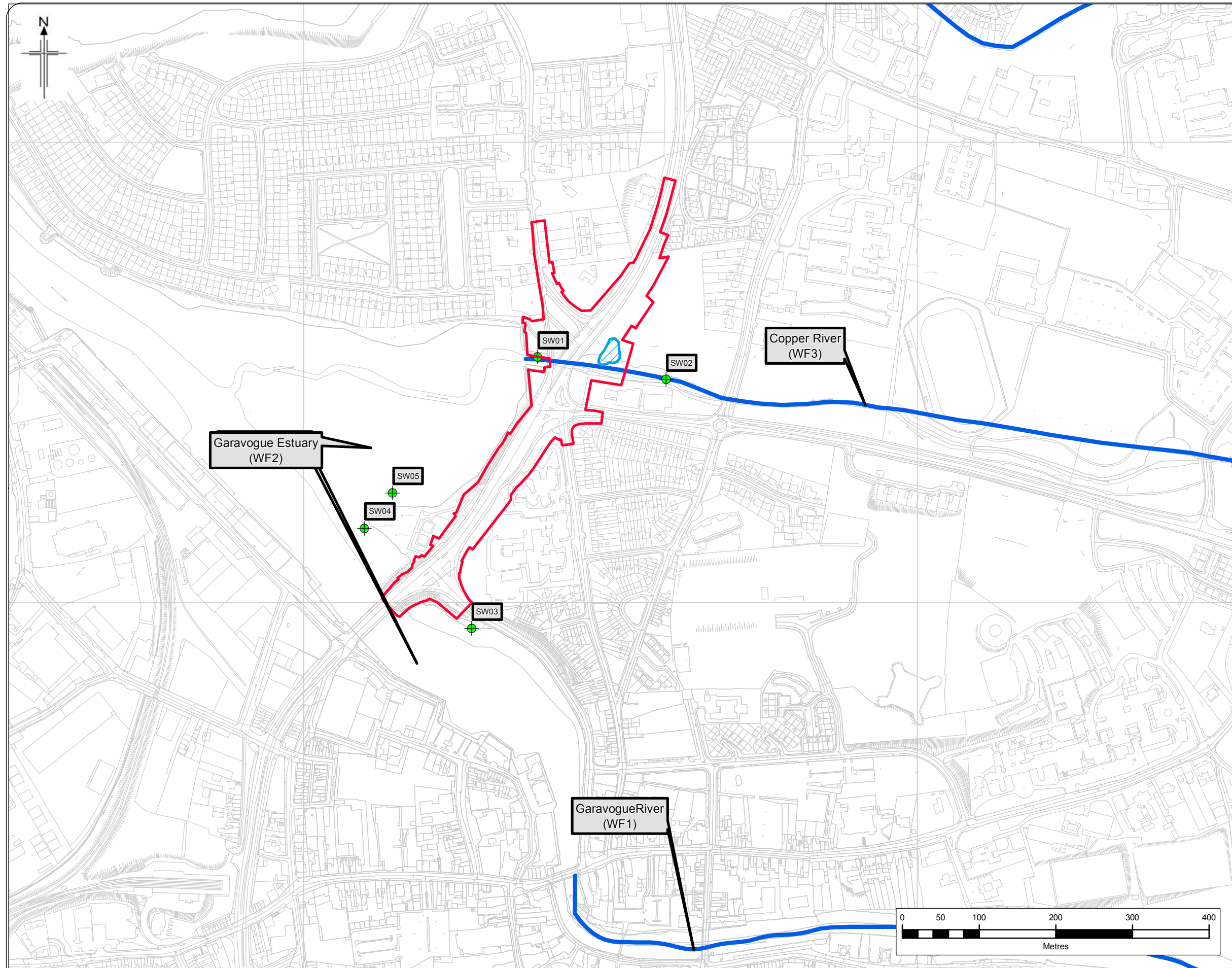
Source: Esri, DigitalGlobe, GeoEye, Earthstar swisstopo, and the GIS User Community

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Legend :




-  Proposed Development Boundary
-  Sampling Locations
-  Water Features
-  Attenuation Pond / Wetland

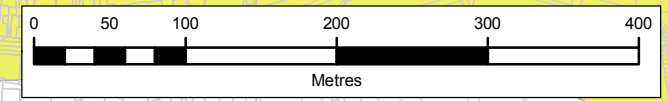
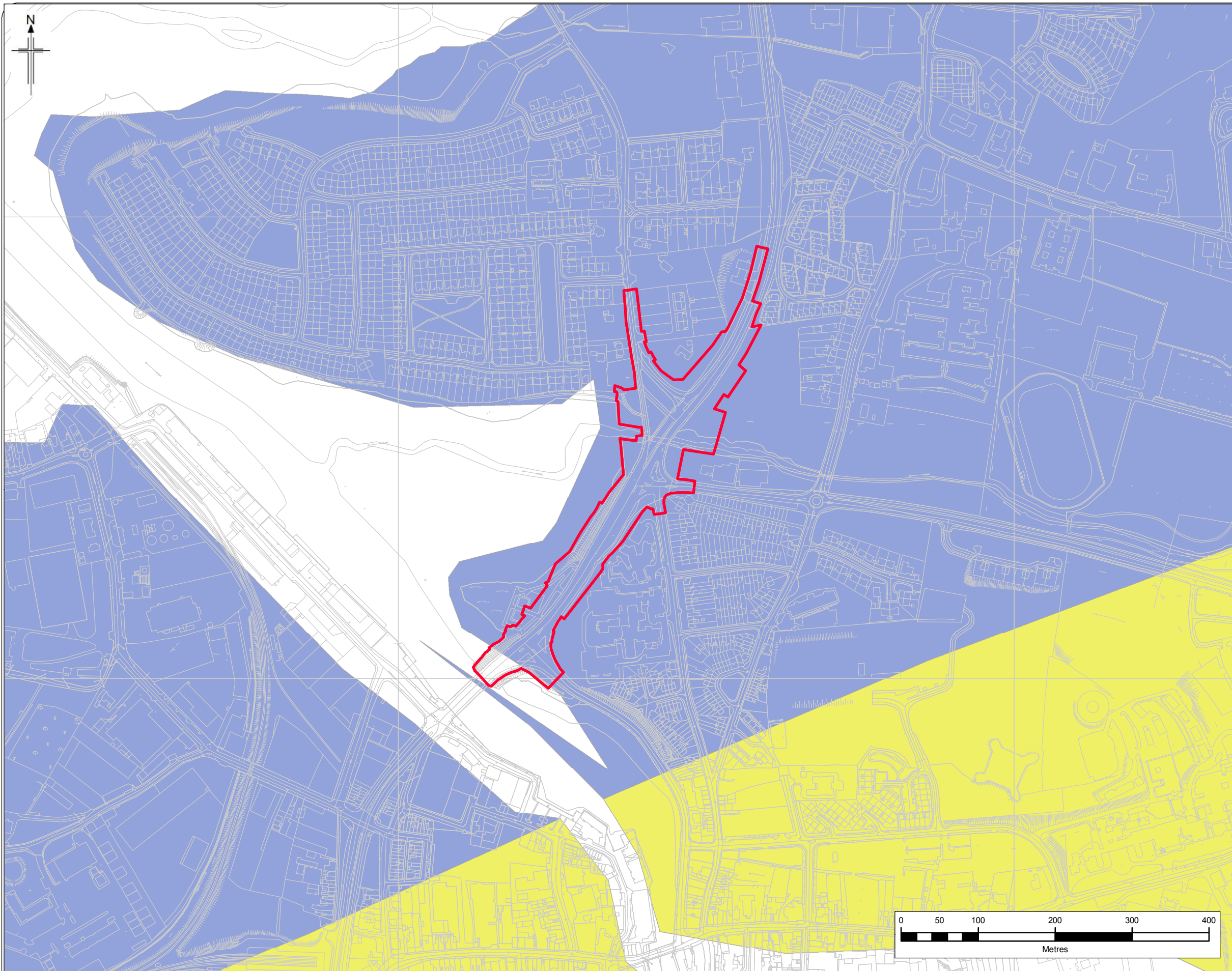


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Reviewed: OD	Date:	27/06/2017																																																																				

Legend :

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






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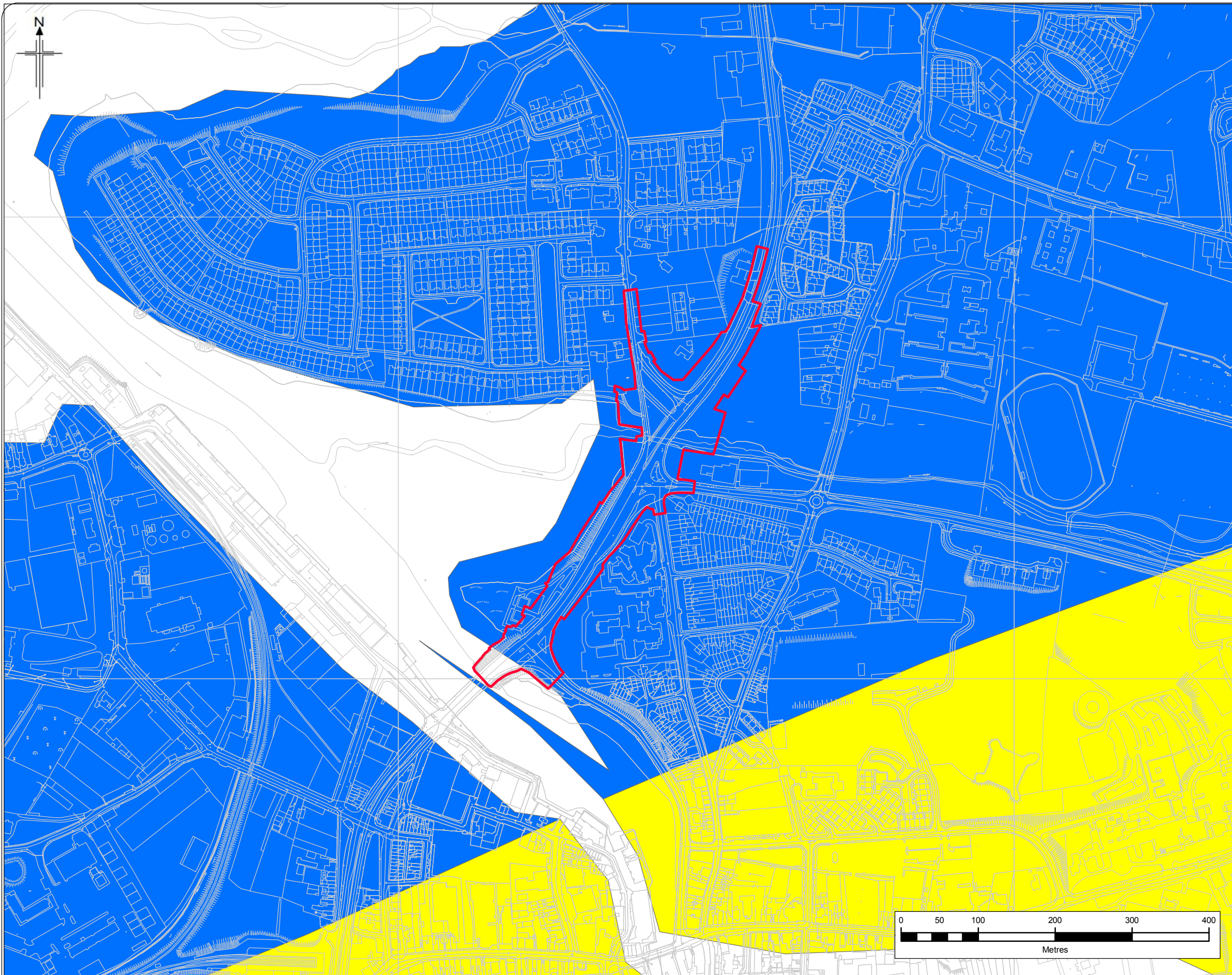


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Project				N4-N15 SLIGO URBAN IMPROVEMENT SCHEME	
Component				Chapter 7 Geology, Soils & Hydrogeology	
Title :				Aquifer Classification	
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Checked:	EP	Original Scale:	1:2,500 @A1 1:5,000 @A3	32106101/EAR/ Figure 7.1	
Reviewed:	VSM	Date:	27/06/2017		

Legend :

-  Proposed Development Boundary
-  Dartry Limestone Formation
-  Glencar Limestone Formation







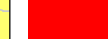
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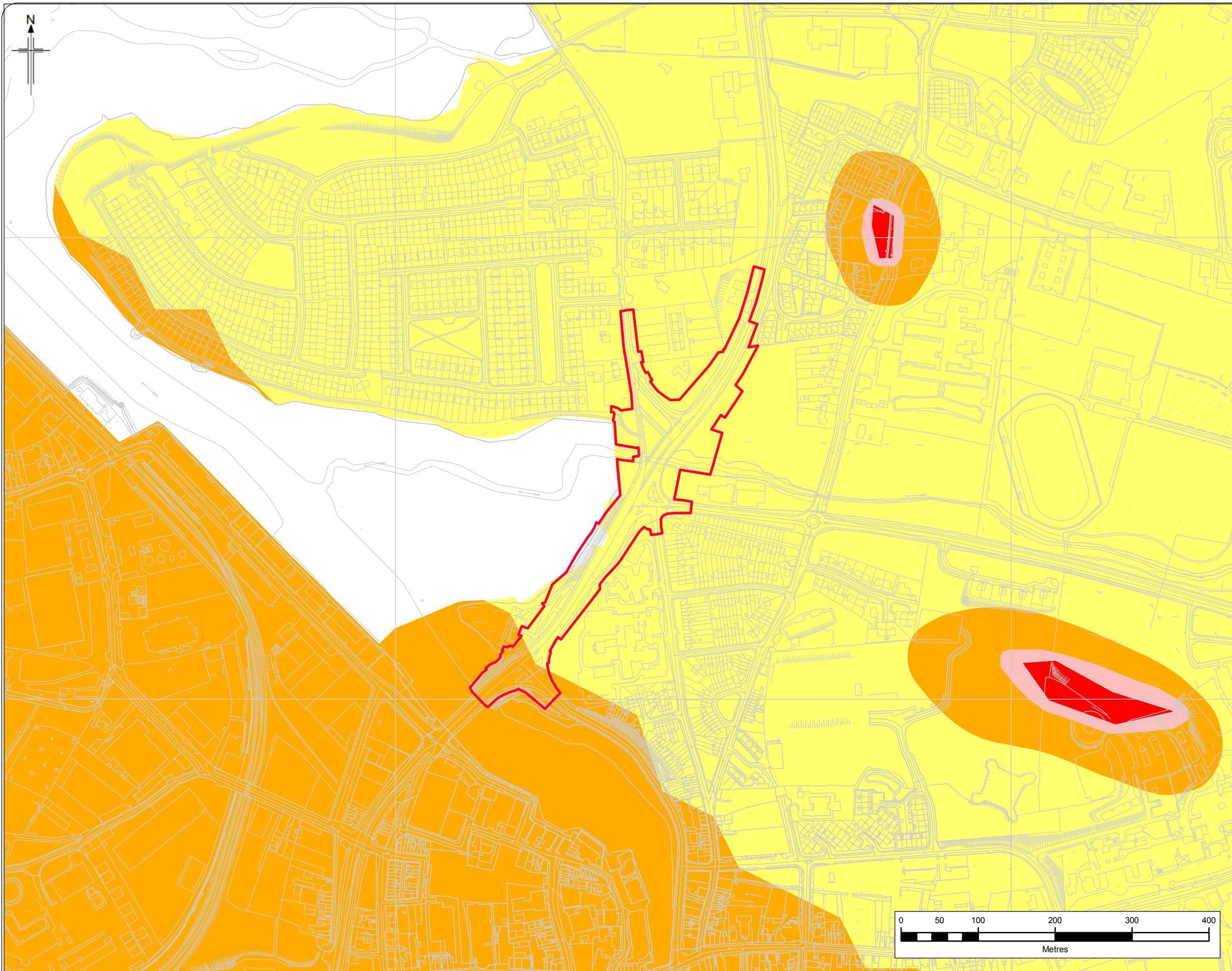


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Project				N4-N15 SLIGO URBAN IMPROVEMENT SCHEME	
Component				Chapter 7 Geology, Soils & Hydrogeology	
Title :				Bedrock Geology	
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Reviewed:	AC	Date:	27/06/2017		

Legend :

-  Proposed Development Boundary
-  Extreme
-  High
-  Moderate
-  Rock at or near Surface or Karst



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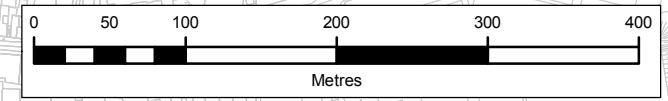
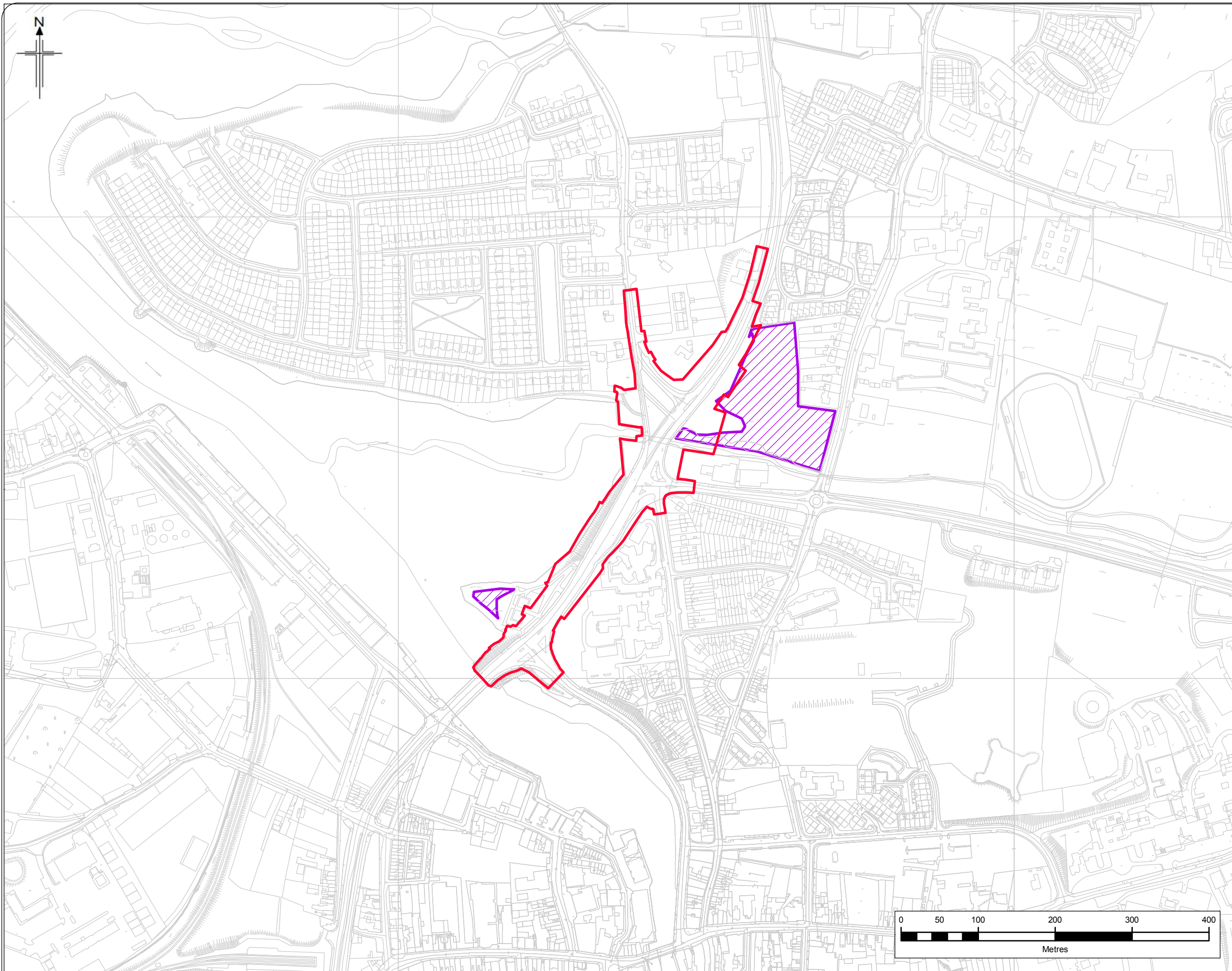
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Reviewed: VSM	Date:	27/06/2017			

Legend :

 Proposed Development Boundary

Groundwater Dependent Ecosystems

 GS4 Wet Grassland





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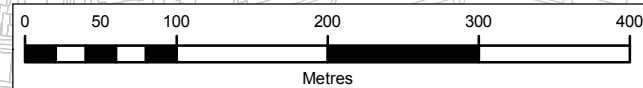
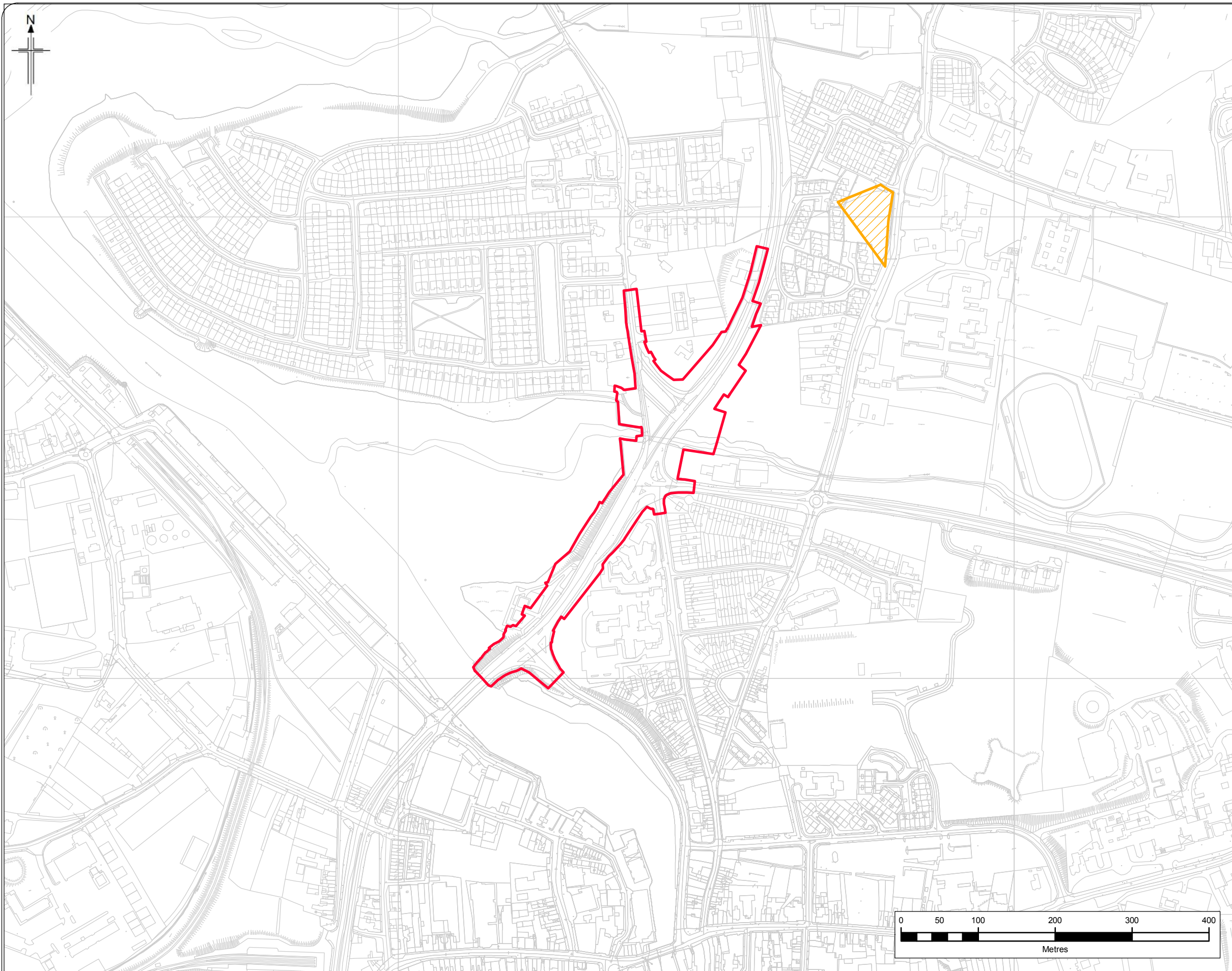


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Project	N4-N15 SLIGO URBAN IMPROVEMENT SCHEME		
Component	Chapter 7 Geology, Soils & Hydrogeology		
Title :	Groundwater Dependent Ecosystems		
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Checked: EP	Original Scale: 1:2,500 @A1 1:5,000 @ A3	32106101/EAR/ Figure 7.4	
Reviewed: VSM	Date: 27/06/2017		

Legend :



-  Proposed Development Boundary
-  Contaminated Land Potential Source (S2)

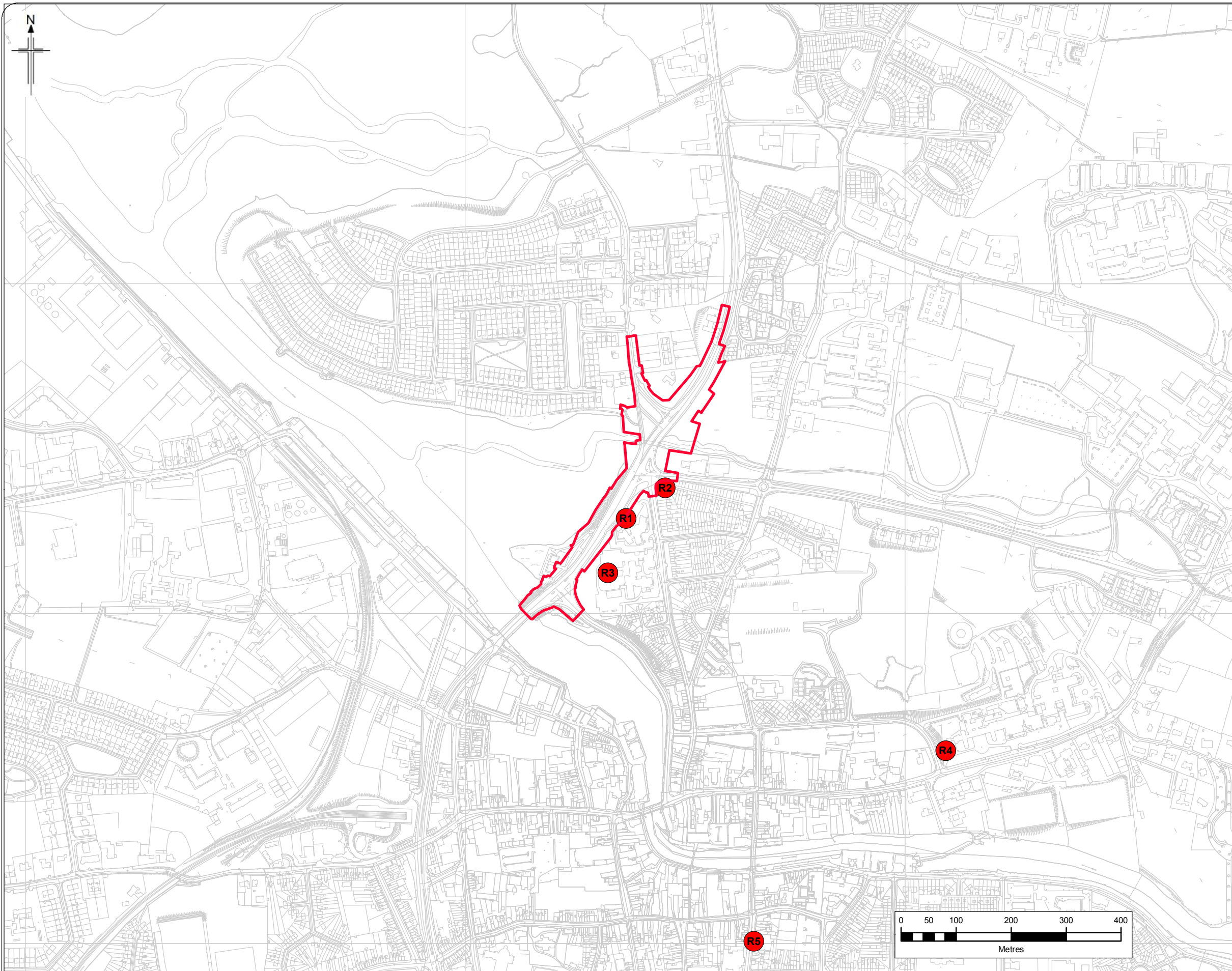


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Reviewed: VSM	Date:	27/06/2017																																																																				

Legend :

-  Proposed Development Boundary
-  Air Quality Assessment Location





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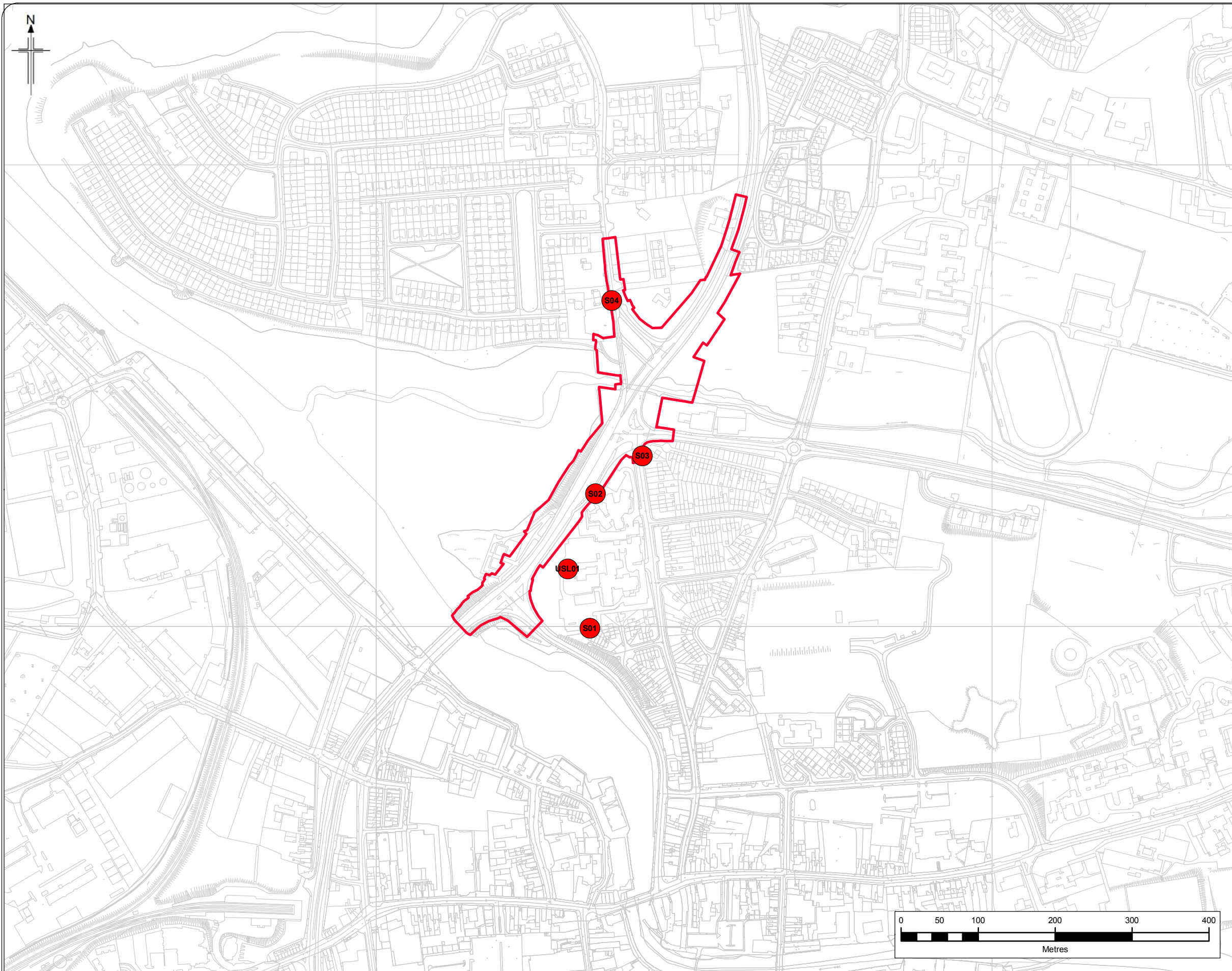


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Project			N4-N15 SLIGO URBAN IMPROVEMENT SCHEME		
Component			Chapter 8 Air Quality & Climate		
Title : Air Quality Assessment Locations					
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Checked: SMC	Original Scale: 1:3,500 @A1 1:7,000 @ A3	32106101/EAR/ Figure 8.1			
Reviewed: SMC	Date: 27/06/2017				

Legend :

-  Proposed development boundary
-  Noise Survey Location






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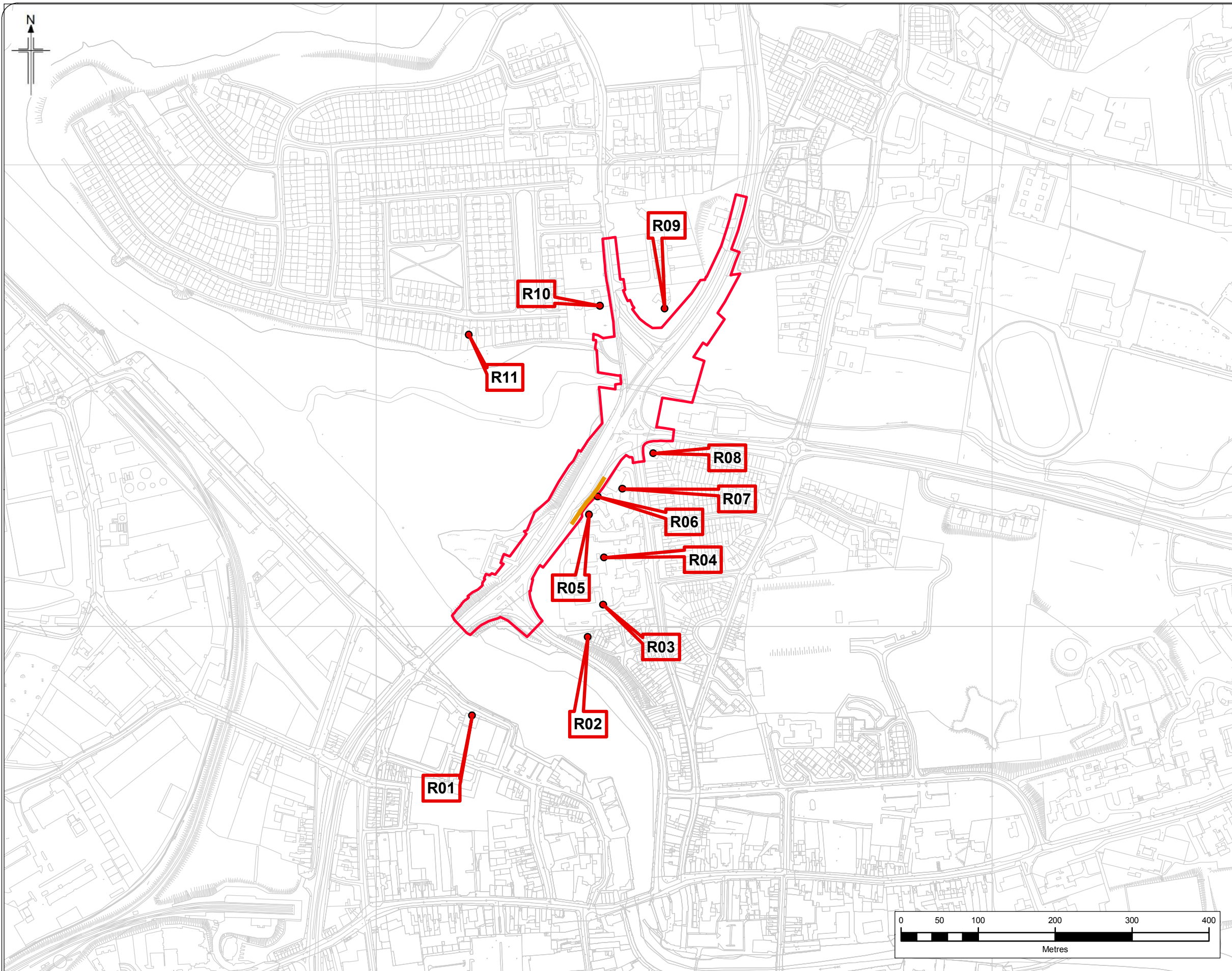


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Project: N4-N15 SLIGO URBAN IMPROVEMENT SCHEME		
Component: Noise & Vibration		
Title: Noise Model Receiver Locations		
Drawn: EF	File Name: 32106101/EAR/Figure 9.2 Noise Model Receiver Locations	Drawing No.
Checked: RM	Original Scale: 1:2,500 @A1 1:5,000 @ A3	32106101/EAR/ Figure 9.2
Reviewed: RM	Date: 27/06/2017	

Legend :

-  Proposed development boundary
-  Noise Model Receiver Location
-  Noise Barrier Height 2.5m
(Height of Existing Wall to be Increased)



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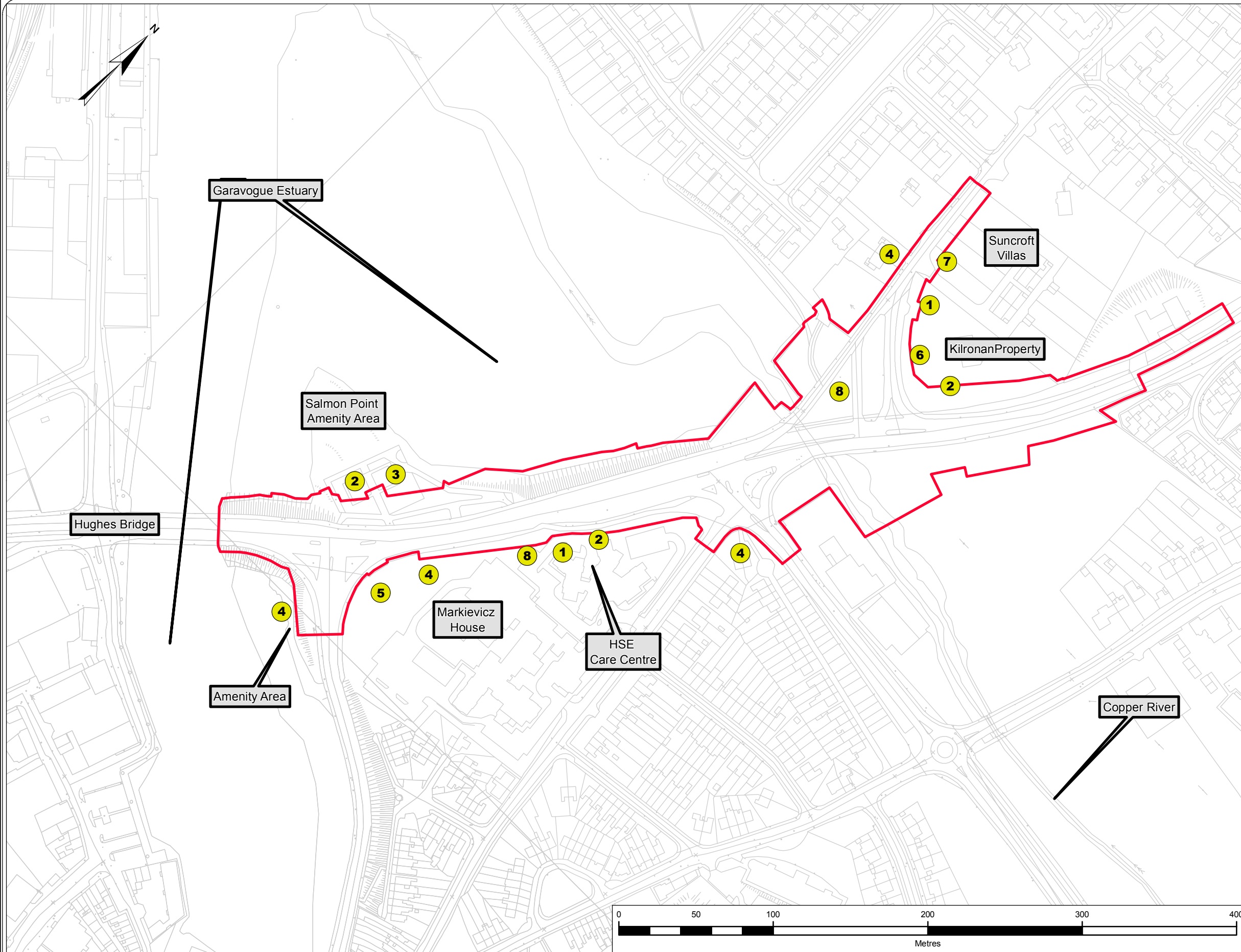


Rev.	By	Date	Description
0	PW	11/05/16	Draft Issue
1	TM	12/07/16	Map update
2	PW	20/10/16	Final
3	PW	06/12/16	Final
4	PW	03/04/17	Final
5	EF	27/06/17	Final

Project: N4-N15 SLIGO URBAN IMPROVEMENT SCHEME		
Component: Noise & Vibration		
Title: Noise Model Receiver Locations		
Drawn: EF	File Name: 32106101/EAR/ Figure 9.2 Noise Model Receiver Locations	Drawing No.
Checked: RM	Original Scale: 1:2,500 @A1 1:5,000 @ A3	32106101/EAR/ Figure 9.2
Reviewed: RM	Date: 27/06/2017	

Legend :

- N4_Mitigation_Construction
- Proposed Development Boundary






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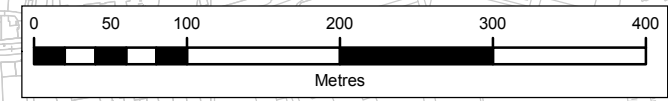
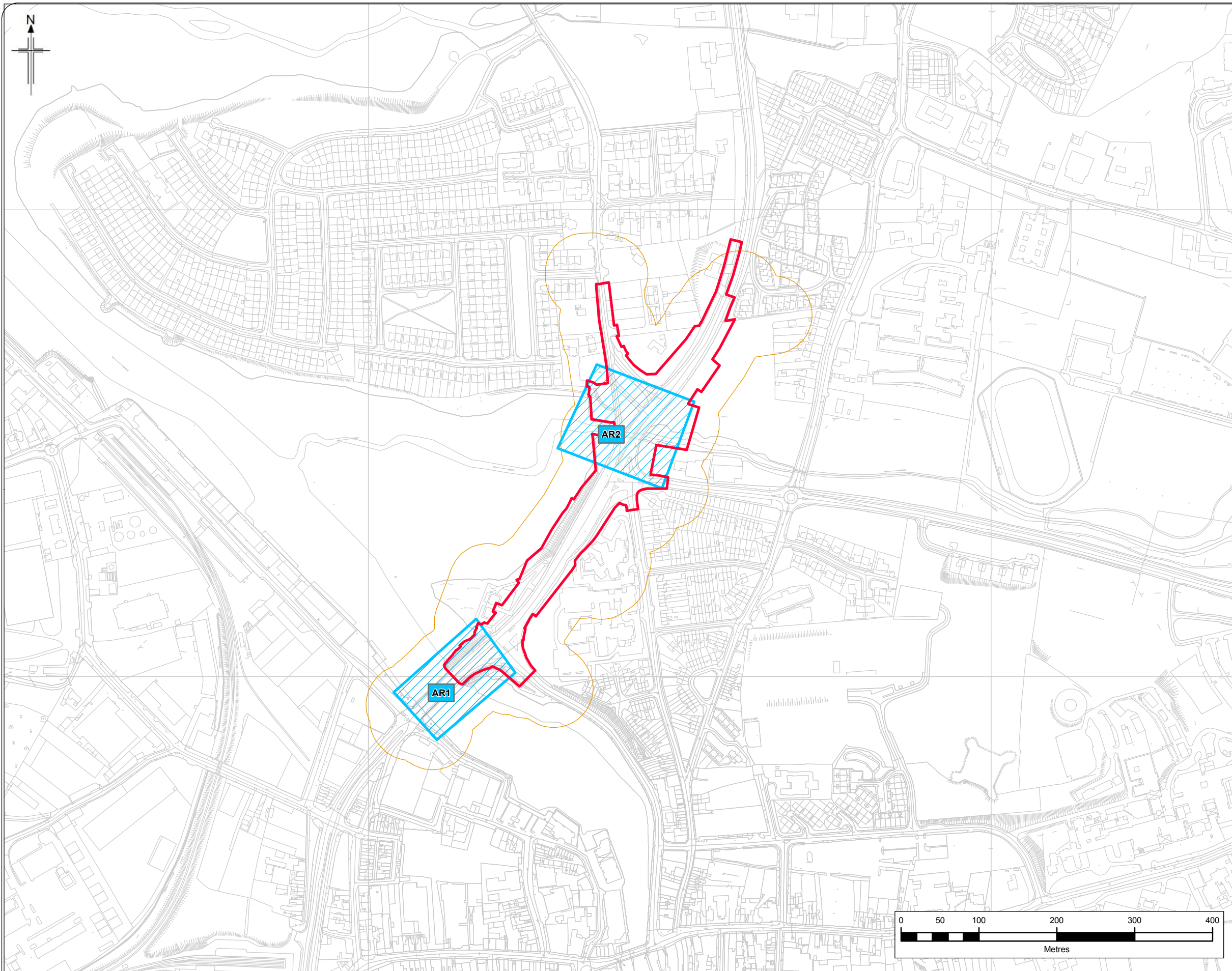


Rev.	By	Date	Description
0	PW	11/05/16	Draft Issue
1	TM	12/07/16	Map update
2	PW	20/10/16	Final
3	PW	06/12/16	Final
4	PW	03/04/17	Final
5	EF	27/06/17	Final

Project: N4-N15 SLIGO URBAN IMPROVEMENT SCHEME			
Component: Chapter 10 Landscape and Visual			
Title: Landscape Mitigation Measures Construction Stage			
Drawn: EF	File Name: 32106101 EAR Figure 10.1 Mitigation Measures Construction Stage	Drawing No.	
Checked: OD	Original Scale: 1,250 @A1 1:2,500 @ A3	32106101/EAR/ Figure 10.1	
Reviewed: OD	Date: 27/06/2017		

Legend :

-  Proposed Development Boundary
-  Study Area
-  Area of Archaeological Potential



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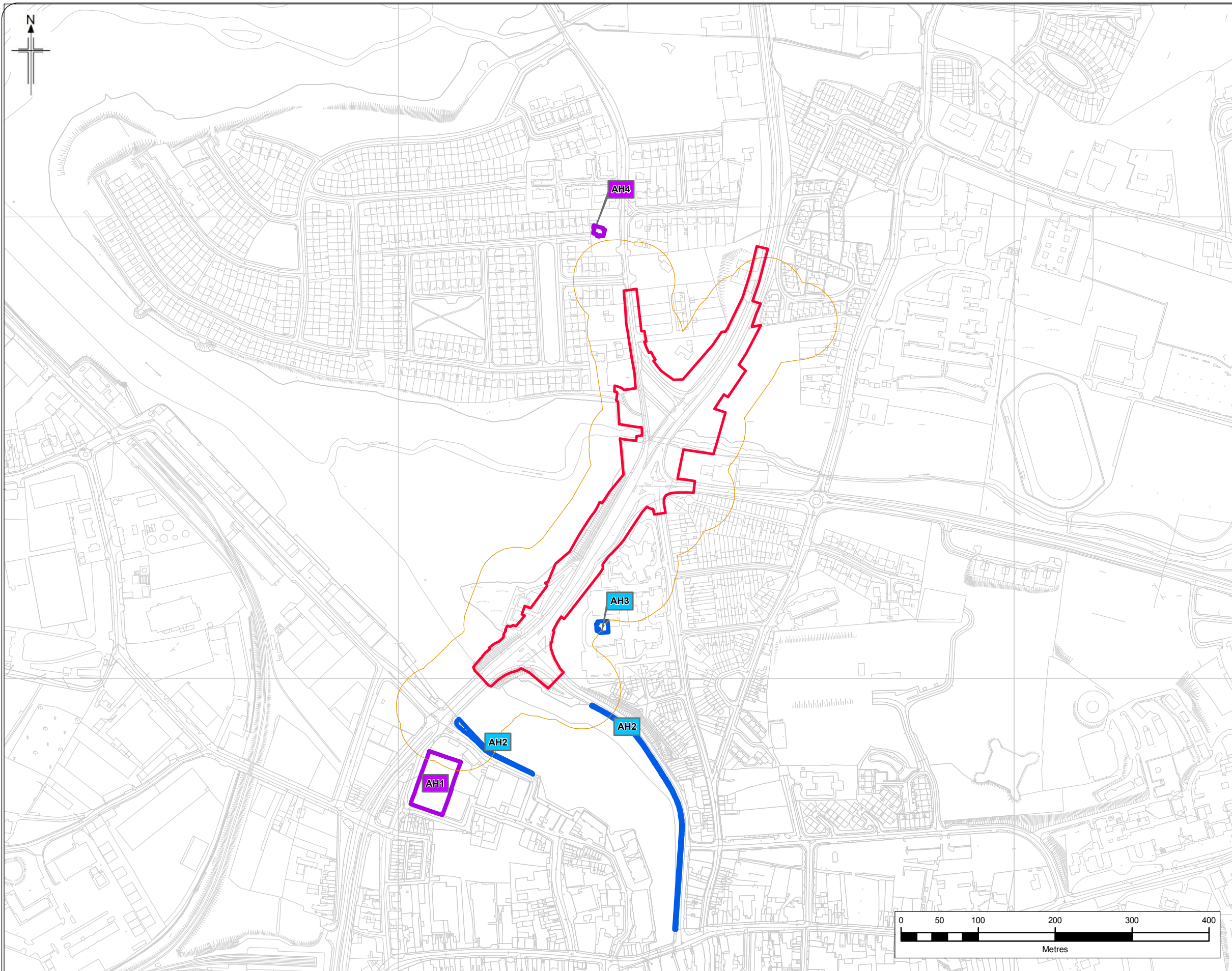


Rev.	By	Date	Description
0	PW	11/05/16	Draft Issue
1	TM	12/07/16	Map update
2	PW	20/10/16	Final
3	PW	06/12/16	Final
4	PW	03/04/17	Final
5	EF	27/06/17	Final

Project: N4-N15 SLIGO URBAN IMPROVEMENT SCHEME		
Component: Chapter 11 Archaeology, Cultural Heritage and Architectural Heritage		
Title: Location of Archaeological Heritage Sites		
Drawn: EF	File Name: 32106101/EAR/ Figure 11.1 Archaeological Heritage	Drawing No.
Checked: SH	Original Scale: 1:2,500 @A1 1:4,943 @ A3	32106101/EAR/ Figure 11.1
Reviewed: JD	Date: 27/06/2017	

Legend :

- Proposed Development Boundary
- Study Area
- Protected Structure
- Undesignated Architectural Heritage Site



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3	PW	06/12/16	Final
4	PW	03/04/17	Final
5	EF	27/06/17	Final

Project			N4-N15 SLIGO URBAN IMPROVEMENT SCHEME	
Component			Chapter 11 Archaeology, Cultural Heritage and Architectural Heritage	
Title : Location of Architectural Heritage Sites				
Drawn:	EF	File Name:	32106101/EAR/ Figure 11.2 Architectural Heritage Sites	Drawing No.
Checked:	SH	Original Scale:	1:2,500 @A1 1:5,000 @ A3	32106101/EAR/ Figure 11.2
Reviewed:	JD	Date:	27/06/2017	