

Figure 1

Legend

Existing Network

Existing Combined Sewer

Existing Foul Sewer

Existing Storm Sewer

Existing Other Sewer

Existing Combined Trunk Sewer

Existing Foul Trunk Sewer

Existing Storm Trunk Sewer

Existing Other Trunk Sewer

Existing Rising Mains

Existing SWO

Existing WwTP

Existing WwPS

Proposed Upgrades

Proposed SWO Upgrades

Proposed WwTP Upgrades

Proposed WwPS Upgrades

Proposed Offline Storage Station

Proposed Rising Mains

Proposed Network Upgrades

Infiltration Removal

Storm Separation

Development Networks

2030

2055

2080

Development Sites

2030

2055

2080

Upgrade Scenario label

2030

2055

2080



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Project

Cork Wastewater Strategy

Drawing Title

Whitegate and Aghada Proposed Upgrades for 2030, 2055 and 2080

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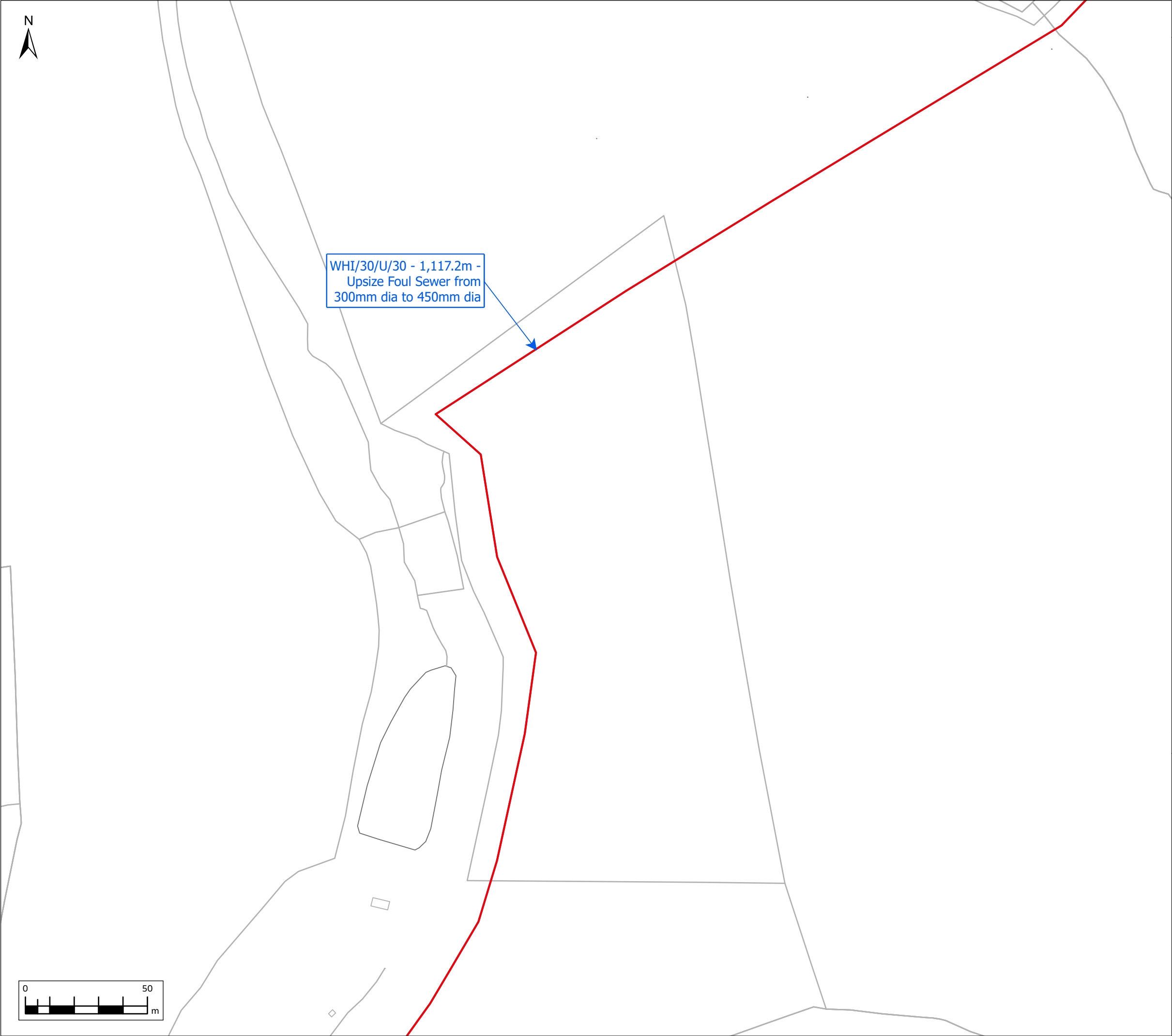


Figure 2

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
- Proposed WwTP Upgrades

- Proposed WwPS Upgrades
- Proposed Offline Storage Station
- Proposed Rising Mains
- Proposed Network Upgrades
- Infiltration Removal
- Storm Separation

Development Networks

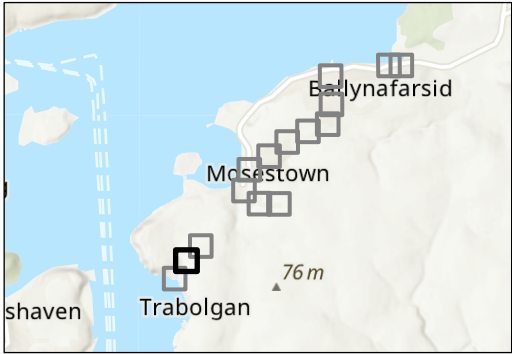
- 2030
- 2055
- 2080

Development Sites

- 2030
- 2055
- 2080

Upgrade Scenario label

- 2030
- 2055
- 2080



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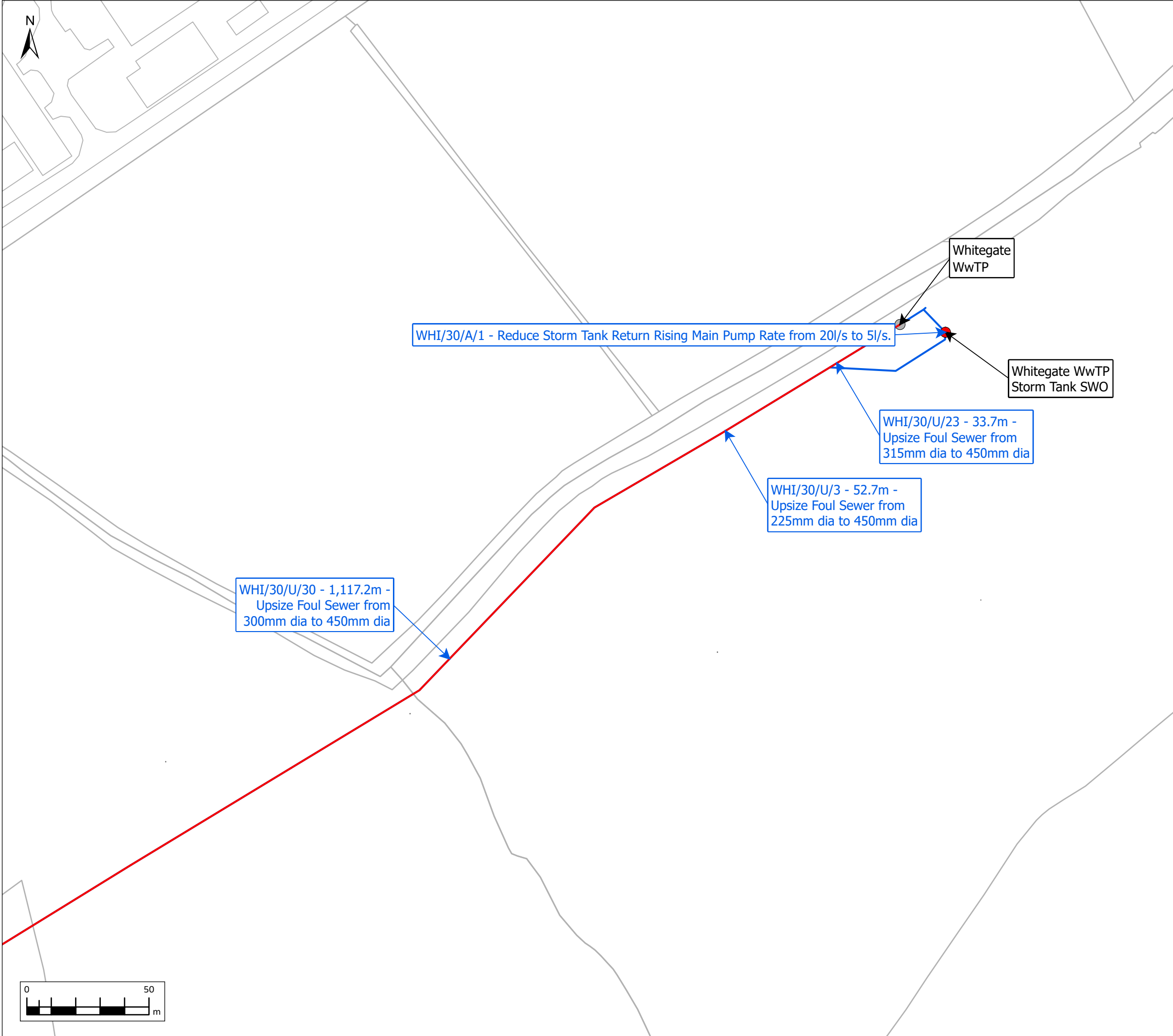


Figure 3

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
- Proposed WwTP Upgrades

Proposed WwPS Upgrades

- Proposed WwPS Upgrades
- Proposed Offline Storage Station
- Proposed Rising Mains
- Proposed Network Upgrades
- Infiltration Removal
- Storm Separation

Development Networks

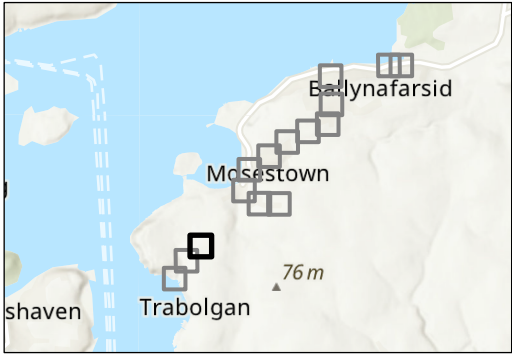
- 2030
- 2055
- 2080

Development Sites


- 2030
- 2055
- 2080

Upgrade Scenario label

- 2030
- 2055
- 2080



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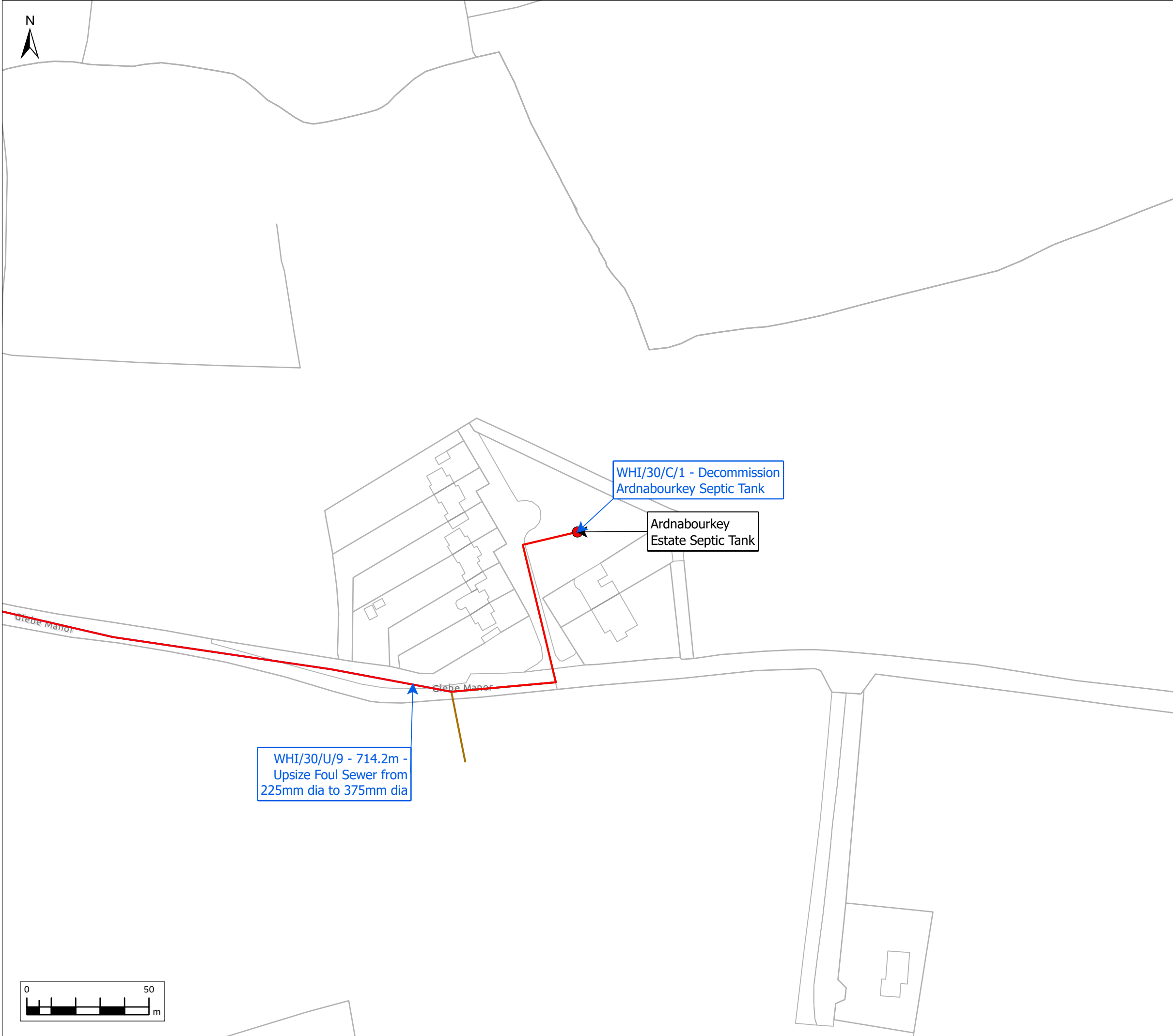


Figure 4

Legend

Existing Network

Existing Combined Sewer

Existing Foul Sewer

Existing Storm Sewer

Existing Other Sewer

Existing Combined Trunk Sewer

Existing Foul Trunk Sewer

Existing Storm Trunk Sewer

Existing Other Trunk Sewer

Existing Rising Mains

Existing SWO

Existing WwTP

Existing WwPS

Proposed Upgrades

Proposed SWO Upgrades

Proposed WwTP Upgrades

Proposed WwPS Upgrades

Proposed Offline Storage Station

Proposed Rising Mains

Proposed Network Upgrades

Infiltration Removal

Storm Separation

Development Networks

2030

2055

2080

Development Sites

2030

2055

2080

Upgrade Scenario label

2030

2055

2080



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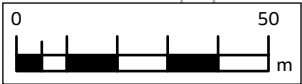
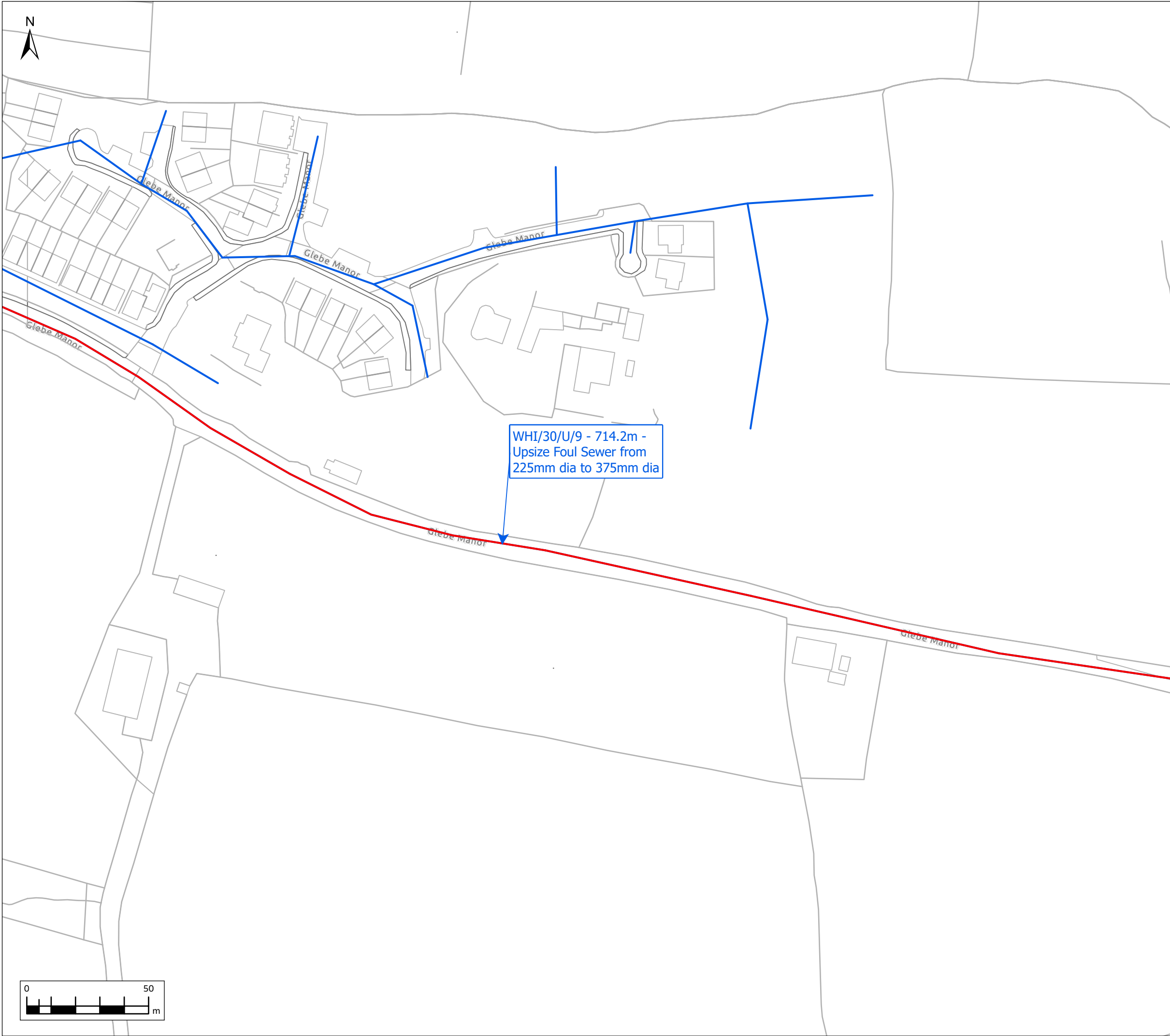


Figure 5

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
- Proposed WwTP Upgrades

- Proposed WwPS Upgrades
- Proposed Offline Storage Station
- Proposed Rising Mains
- Proposed Network Upgrades
- Infiltration Removal
- Storm Separation

Development Networks

- 2030
- 2055
- 2080

Development Sites

- 2030
- 2055
- 2080

Upgrade Scenario label

- 2030
- 2055
- 2080



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Drawing Title						
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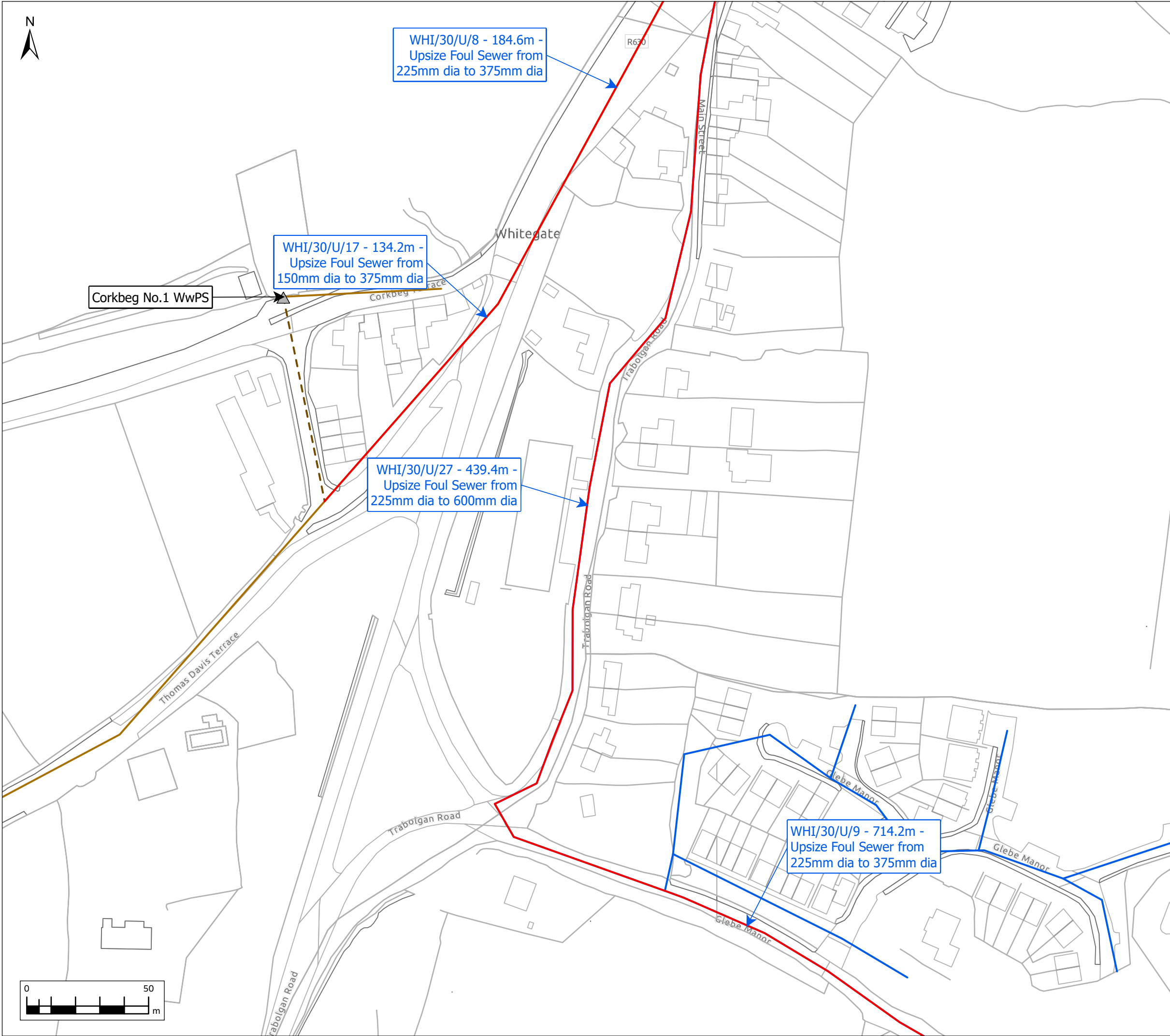


Figure 6

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
- Proposed WwTP Upgrades

Proposed WwPS Upgrades

- Proposed Offline Storage Station
- Proposed Rising Mains
- Proposed Network Upgrades
- Infiltration Removal
- Storm Separation

Development Networks

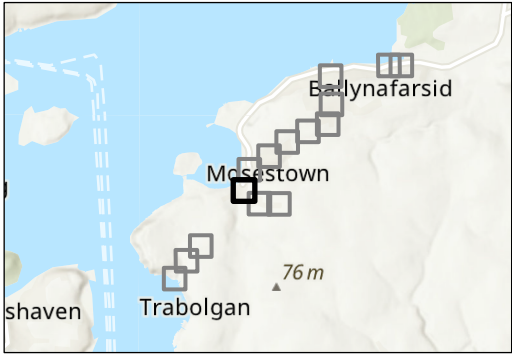
- 2030
- 2055
- 2080

Development Sites

- 2030
- 2055
- 2080

Upgrade Scenario label

- 2030
- 2055
- 2080



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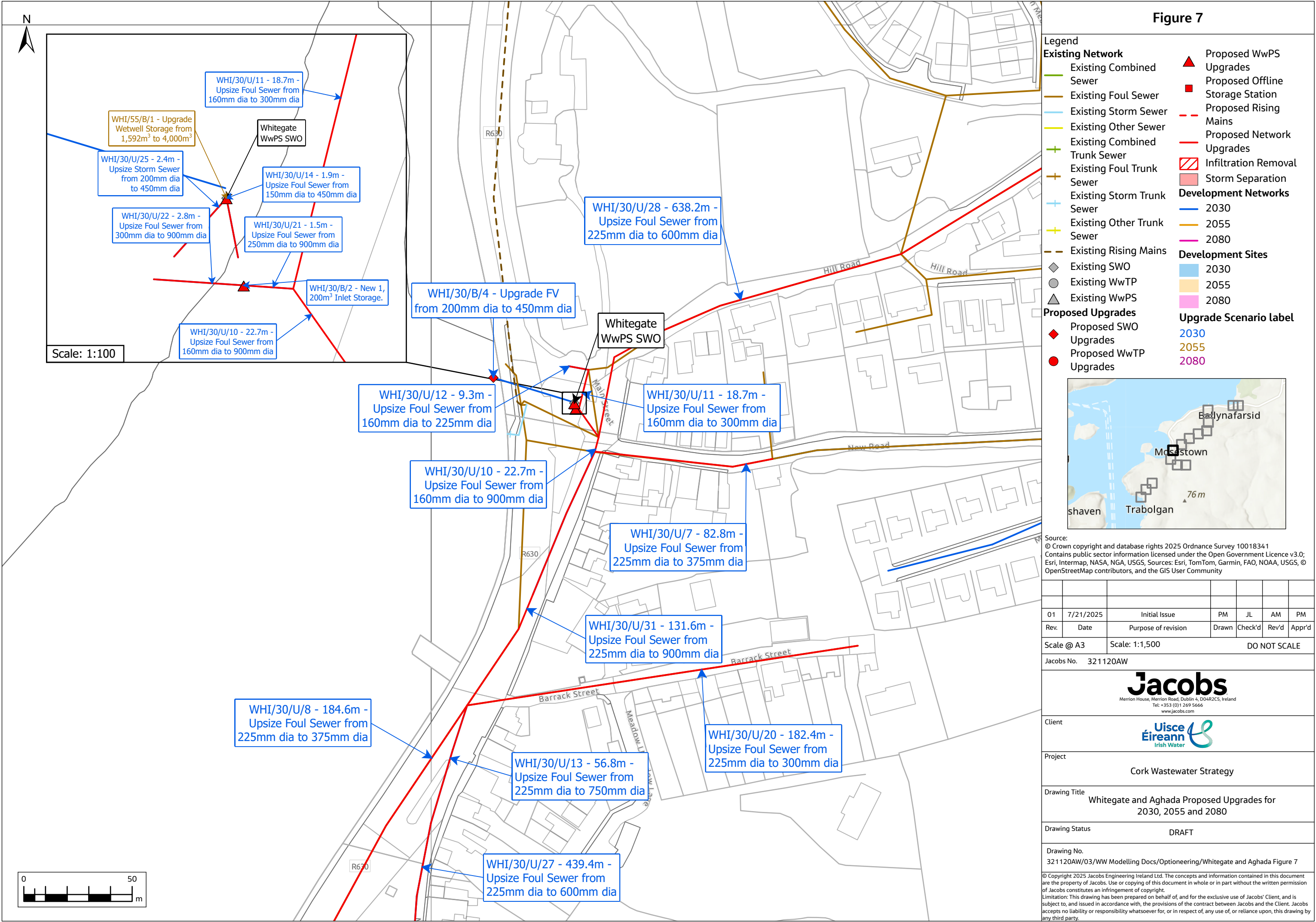
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Figure 7



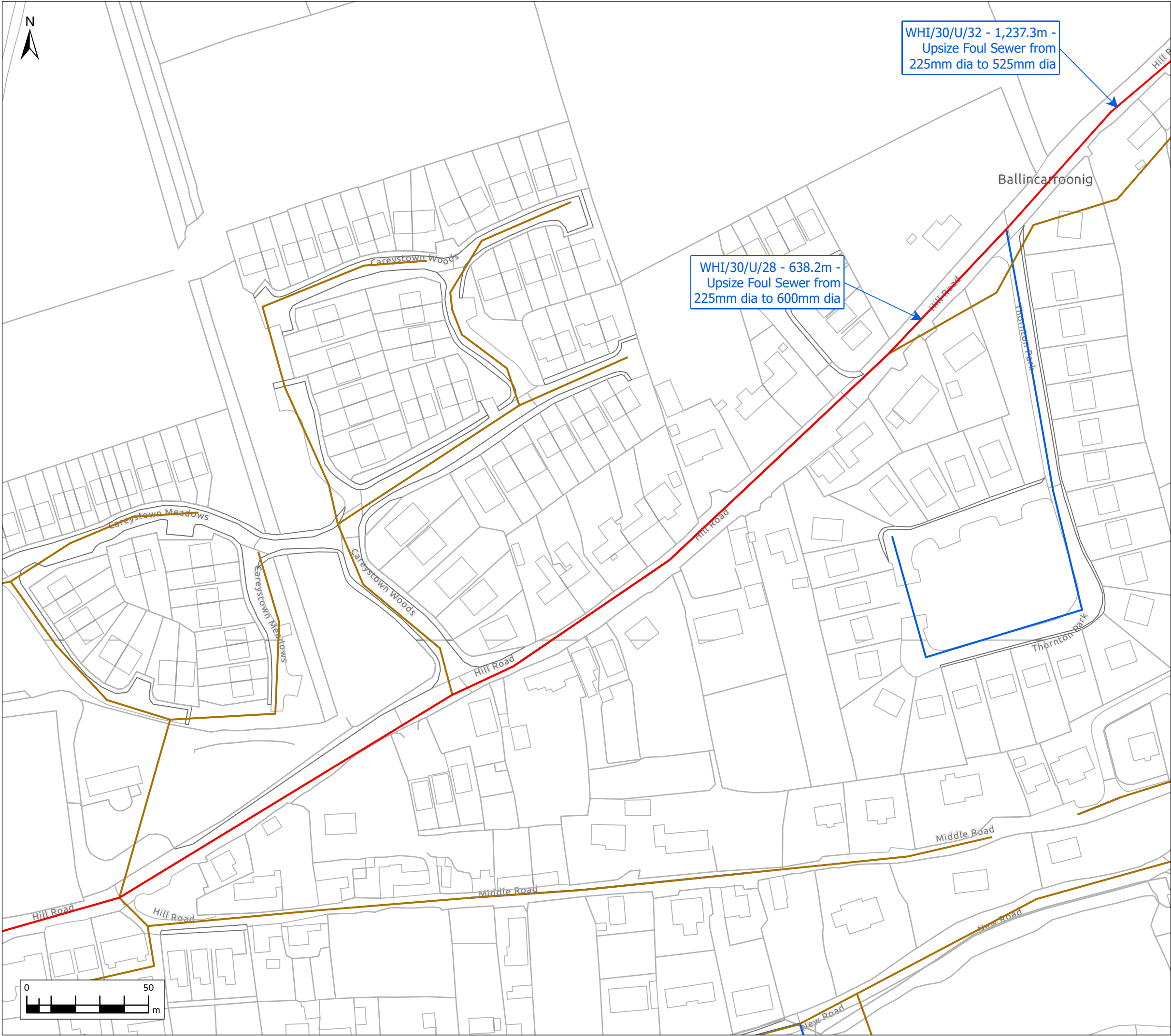


Figure 8

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
- Proposed WwTP Upgrades

Proposed WwPS Upgrades

- Proposed Offline Storage Station
- Proposed Rising Mains
- Proposed Network Upgrades
- Infiltration Removal
- Storm Separation

Development Networks

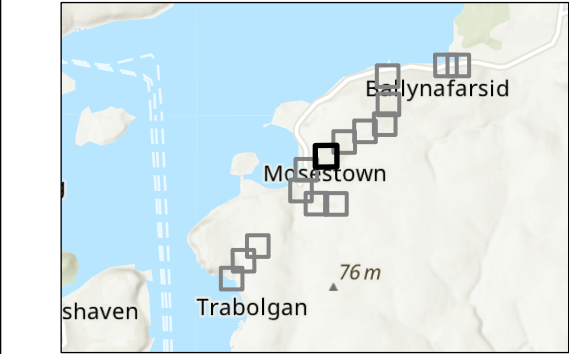
- 2030
- 2055
- 2080

Development Sites

- 2030
- 2055
- 2080

Upgrade Scenario label

- 2030
- 2055
- 2080



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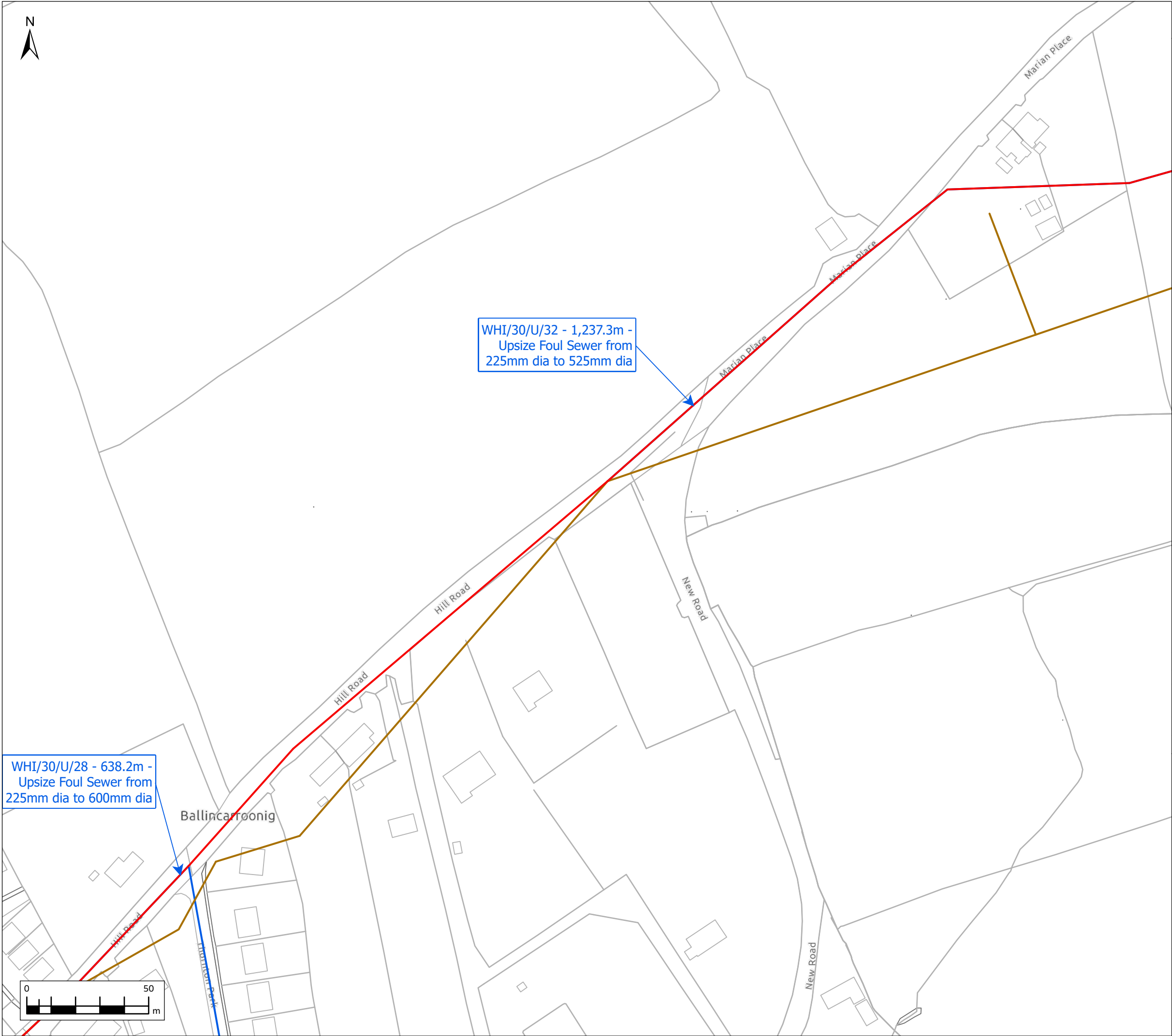
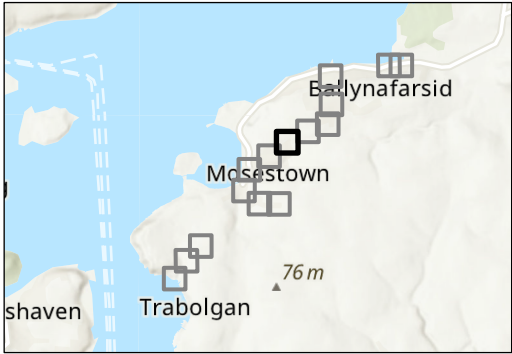


Figure 9

Legend
Existing Network
Existing Combined Sewer
Existing Foul Sewer
Existing Storm Sewer
Existing Other Sewer
Existing Combined Trunk Sewer
Existing Foul Trunk Sewer
Existing Storm Trunk Sewer
Existing Other Trunk Sewer
Existing Rising Mains
Existing SWO
Existing WwTP
Existing WwPS
Proposed Upgrades
Proposed SWO Upgrades
Proposed WwTP Upgrades

Proposed WwPS Upgrades
Proposed Offline Storage Station
Proposed Rising Mains
Proposed Network Upgrades
Infiltration Removal
Storm Separation
Development Networks
2030
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2080
Development Sites
2030
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2080
Upgrade Scenario label
2030
2055
2080



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Project

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Drawing Title

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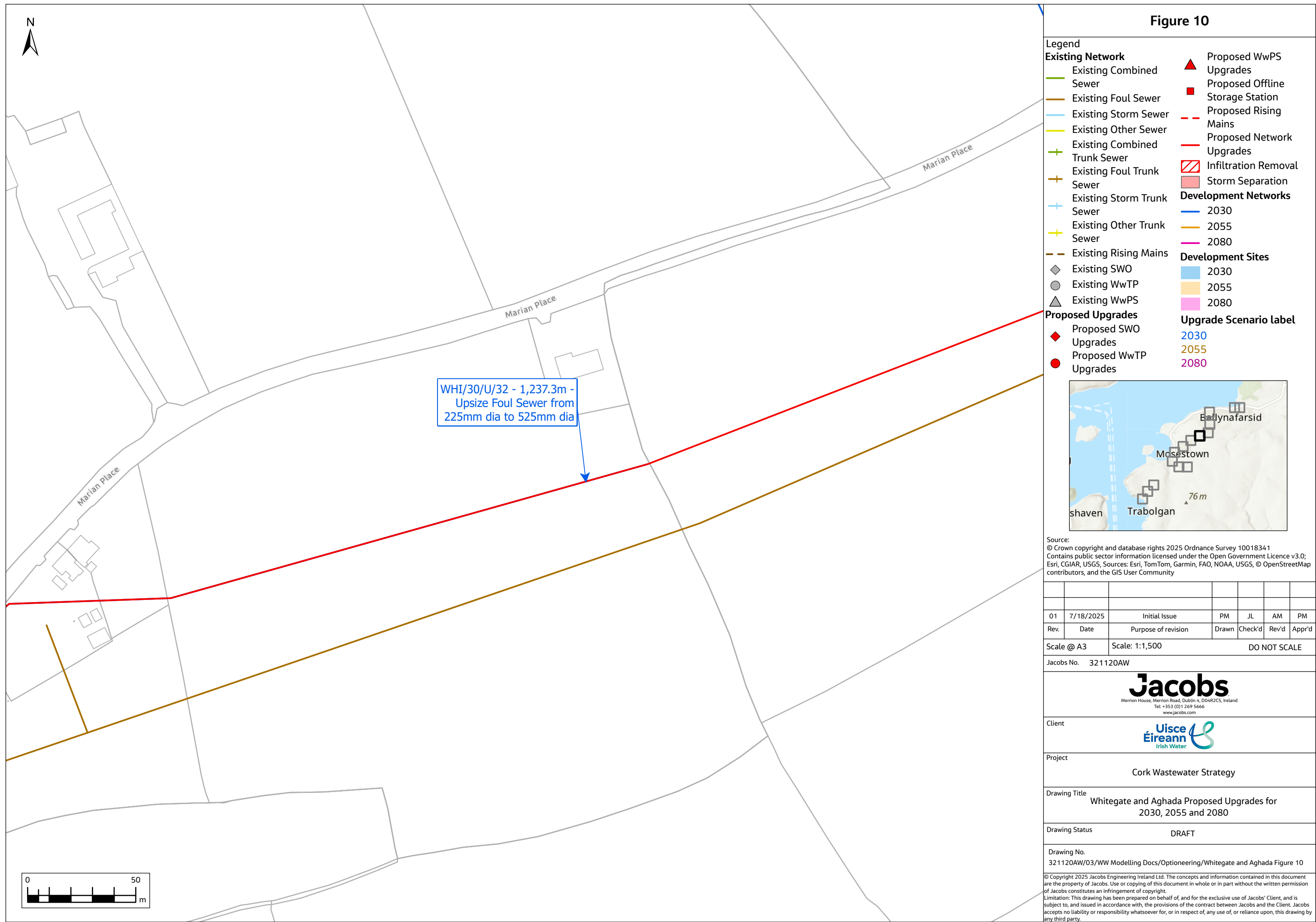
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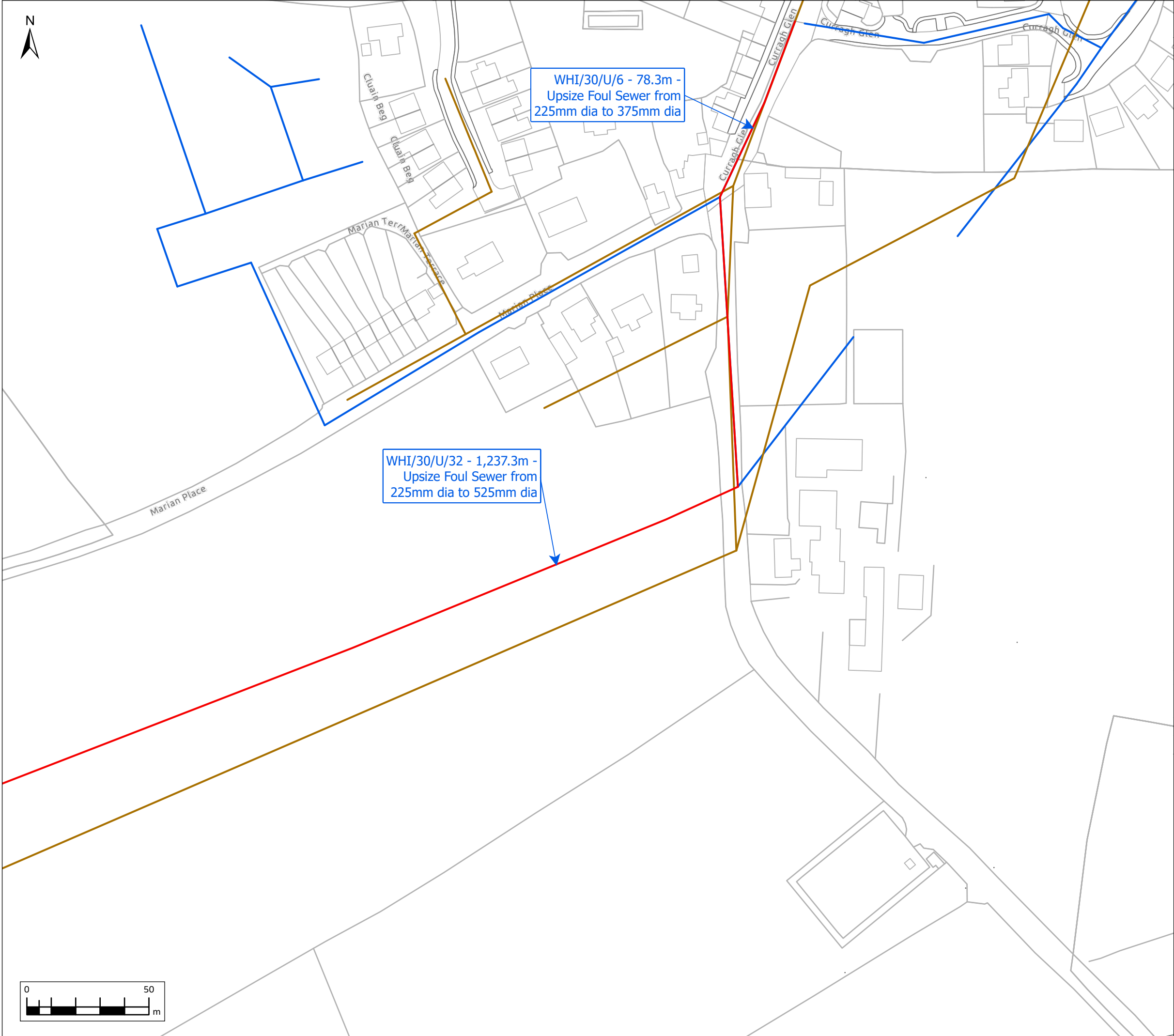


Figure 11

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
- Proposed WwTP Upgrades

Proposed WwPS Upgrades

- Proposed Offline Storage Station
- Proposed Rising Mains
- Proposed Network Upgrades
- Infiltration Removal
- Storm Separation

Development Networks

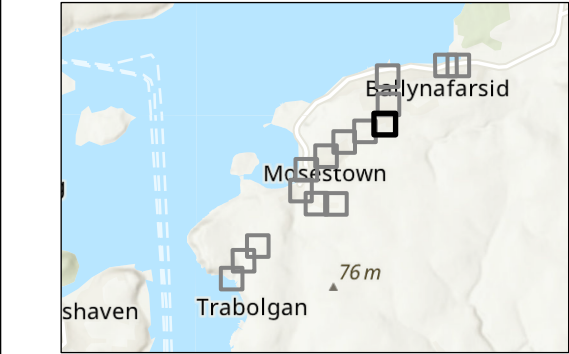
- 2030
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Development Sites

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- 2080



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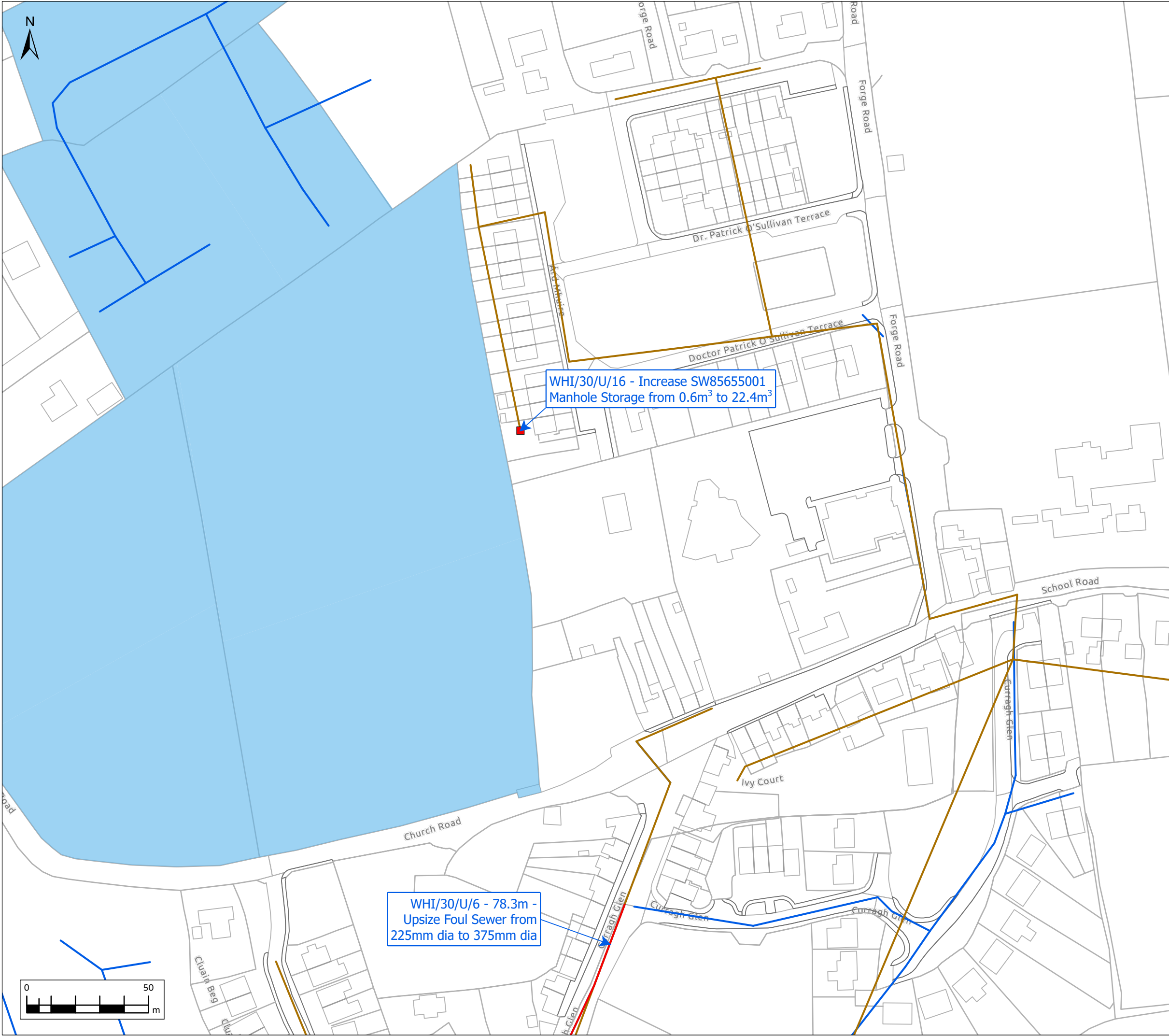


Figure 12

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
- Proposed WwTP Upgrades

- Proposed WwPS Upgrades
- Proposed Offline Storage Station
- Proposed Rising Mains
- Proposed Network Upgrades
- Infiltration Removal
- Storm Separation

Development Networks

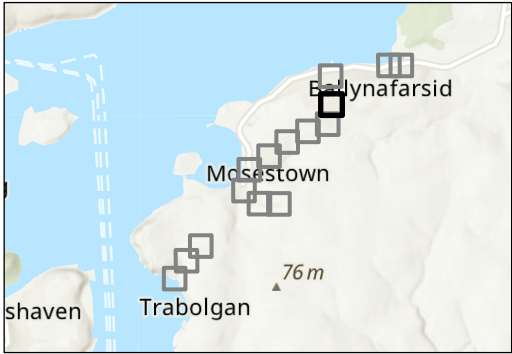
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- 2030
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Whitegate and Aghada Proposed Upgrades for 2030, 2055 and 2080

Drawing Status
DRAFT

Drawing No.
321120AW/03/WW Modelling Docs/Optioneering/Whitegate and Aghada Figure 12

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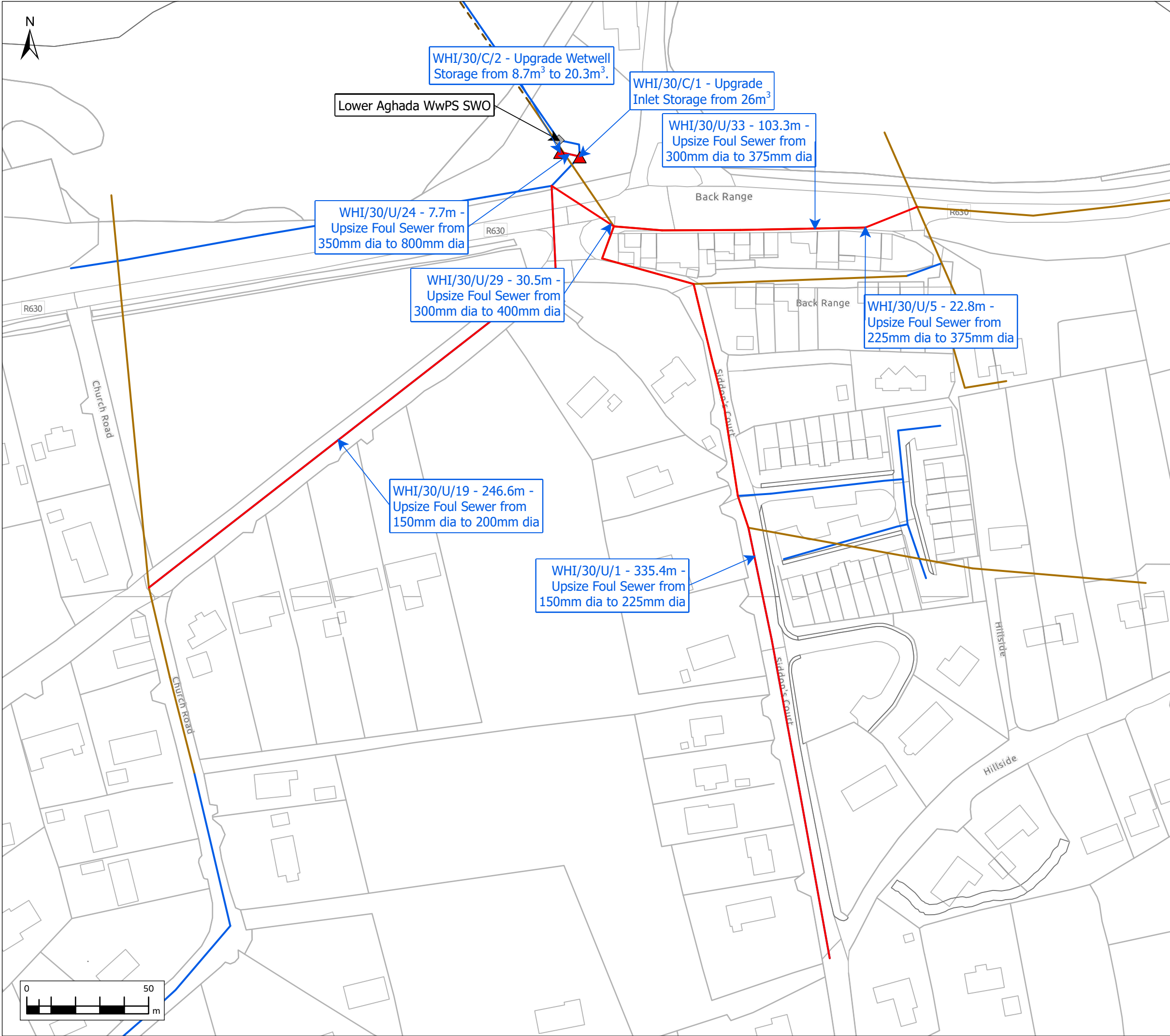


Figure 13

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
- Proposed WwTP Upgrades

Proposed WwPS Upgrades

- Proposed Offline Storage Station
- Proposed Rising Mains
- Proposed Network Upgrades
- Infiltration Removal
- Storm Separation

Development Networks

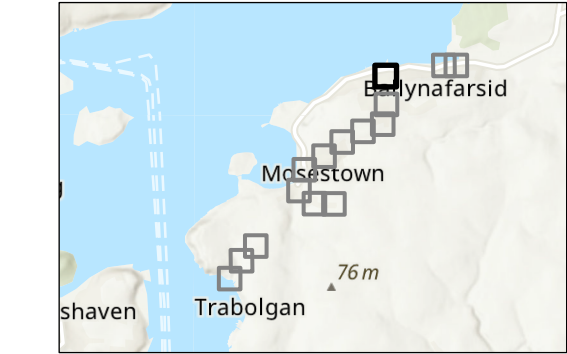
- 2030
- 2055
- 2080

Development Sites

- 2030
- 2055
- 2080

Upgrade Scenario label

- 2030
- 2055
- 2080



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Rev.	Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
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Project <div>Cork Wastewater Strategy</div>						
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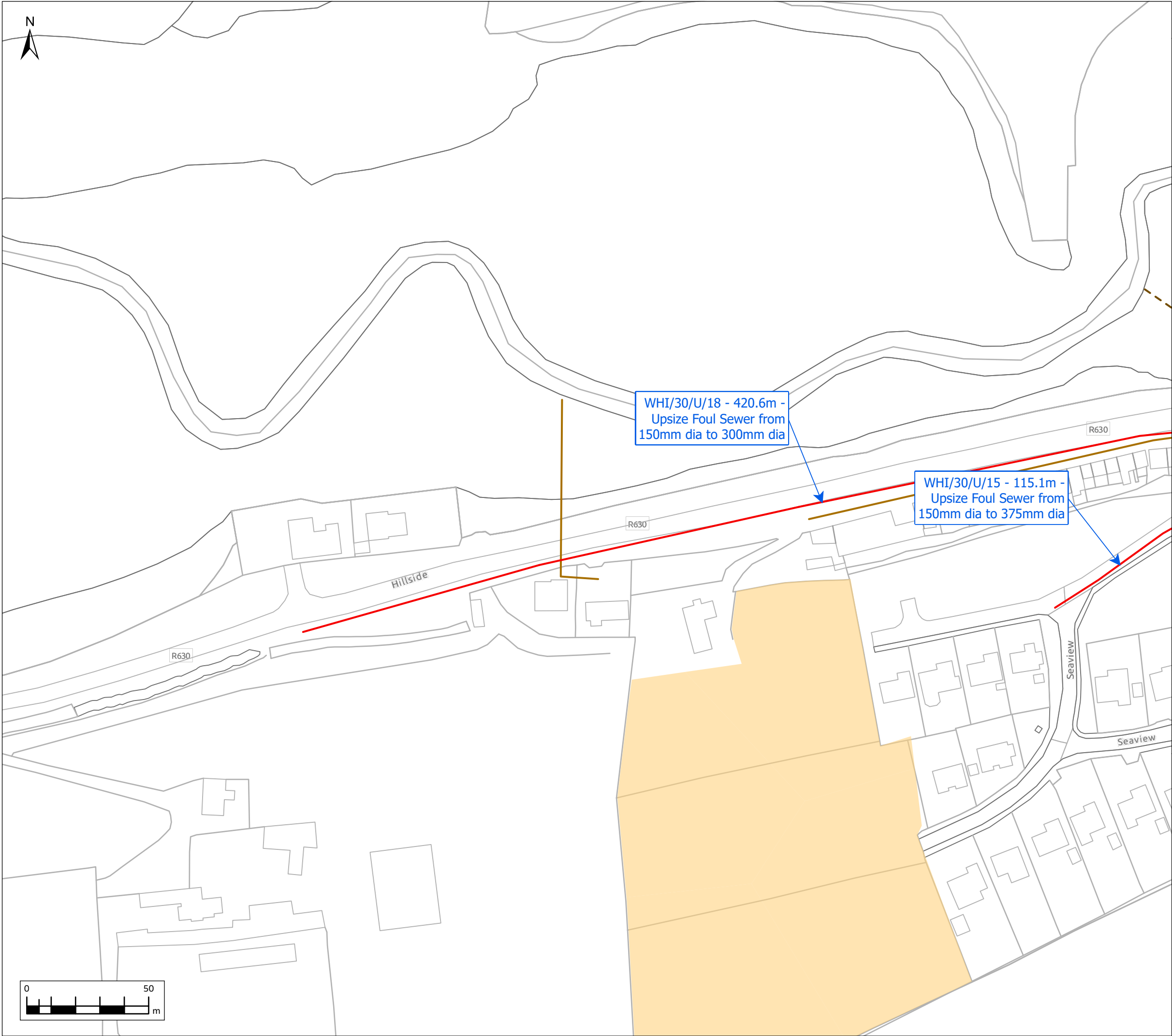


Figure 14

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
- Proposed WwTP Upgrades

Proposed WwPS Upgrades

- Proposed Offline Storage Station
- Proposed Rising Mains
- Proposed Network Upgrades
- Infiltration Removal
- Storm Separation

Development Networks

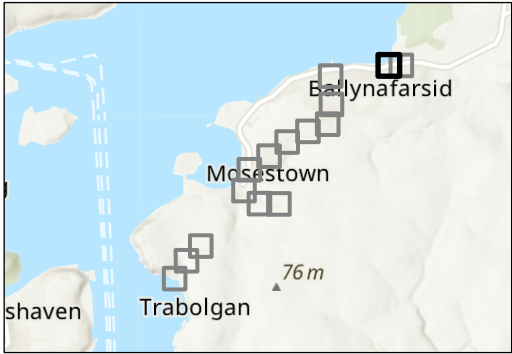
- 2030
- 2055
- 2080

Development Sites

- 2030
- 2055
- 2080

Upgrade Scenario label

- 2030
- 2055
- 2080



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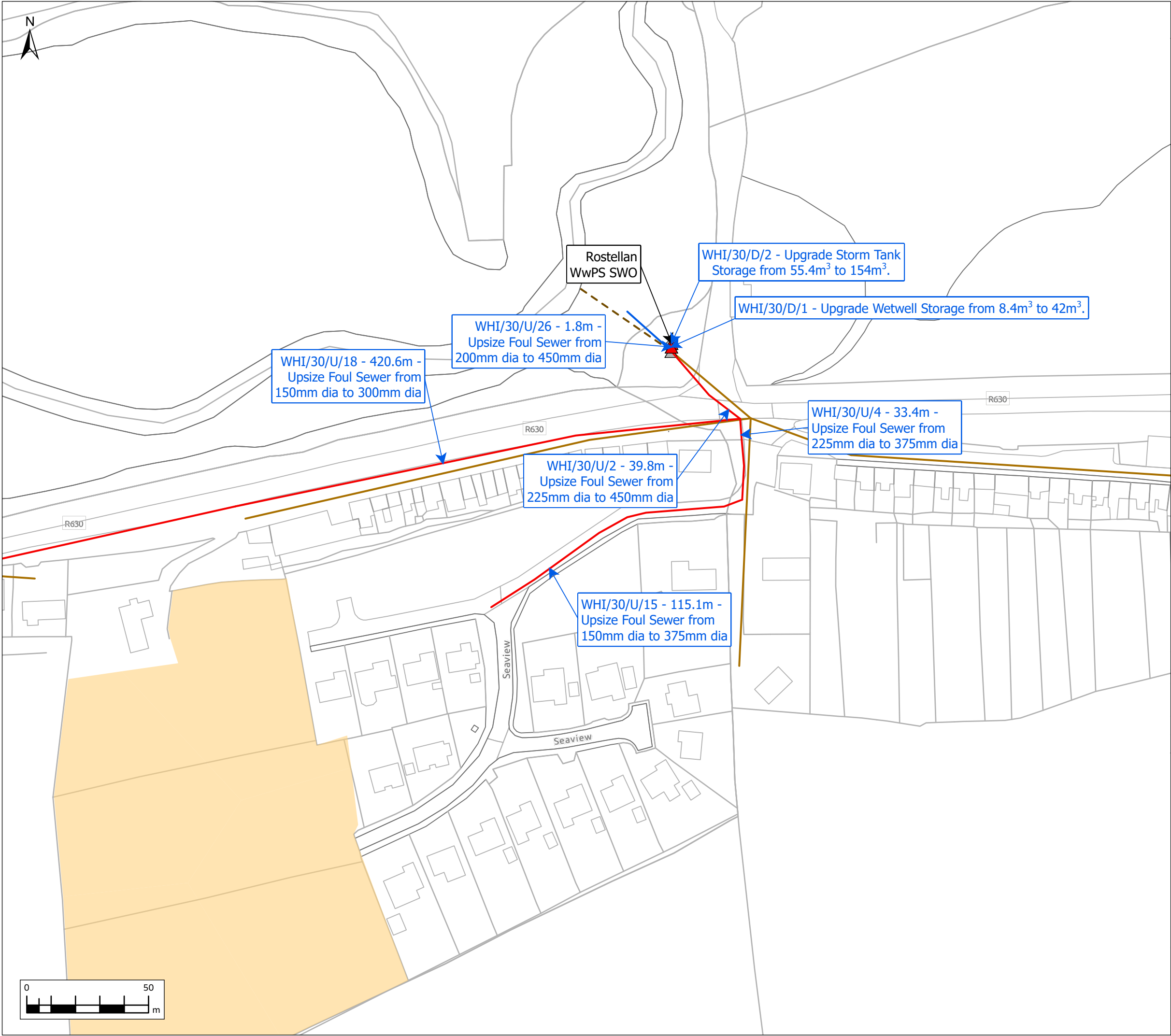


Figure 15

Legend

Existing Network

- Existing Combined Sewer
- Existing Foul Sewer
- Existing Storm Sewer
- Existing Other Sewer
- Existing Combined Trunk Sewer
- Existing Foul Trunk Sewer
- Existing Storm Trunk Sewer
- Existing Other Trunk Sewer
- Existing Rising Mains
- Existing SWO
- Existing WwTP
- Existing WwPS

Proposed Upgrades

- Proposed SWO Upgrades
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- Proposed WwPS Upgrades
- Proposed Offline Storage Station
- Proposed Rising Mains
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- Infiltration Removal
- Storm Separation

Development Networks

- 2030
- 2055
- 2080

Development Sites

- 2030
- 2055
- 2080

Upgrade Scenario label

- 2030
- 2055
- 2080



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