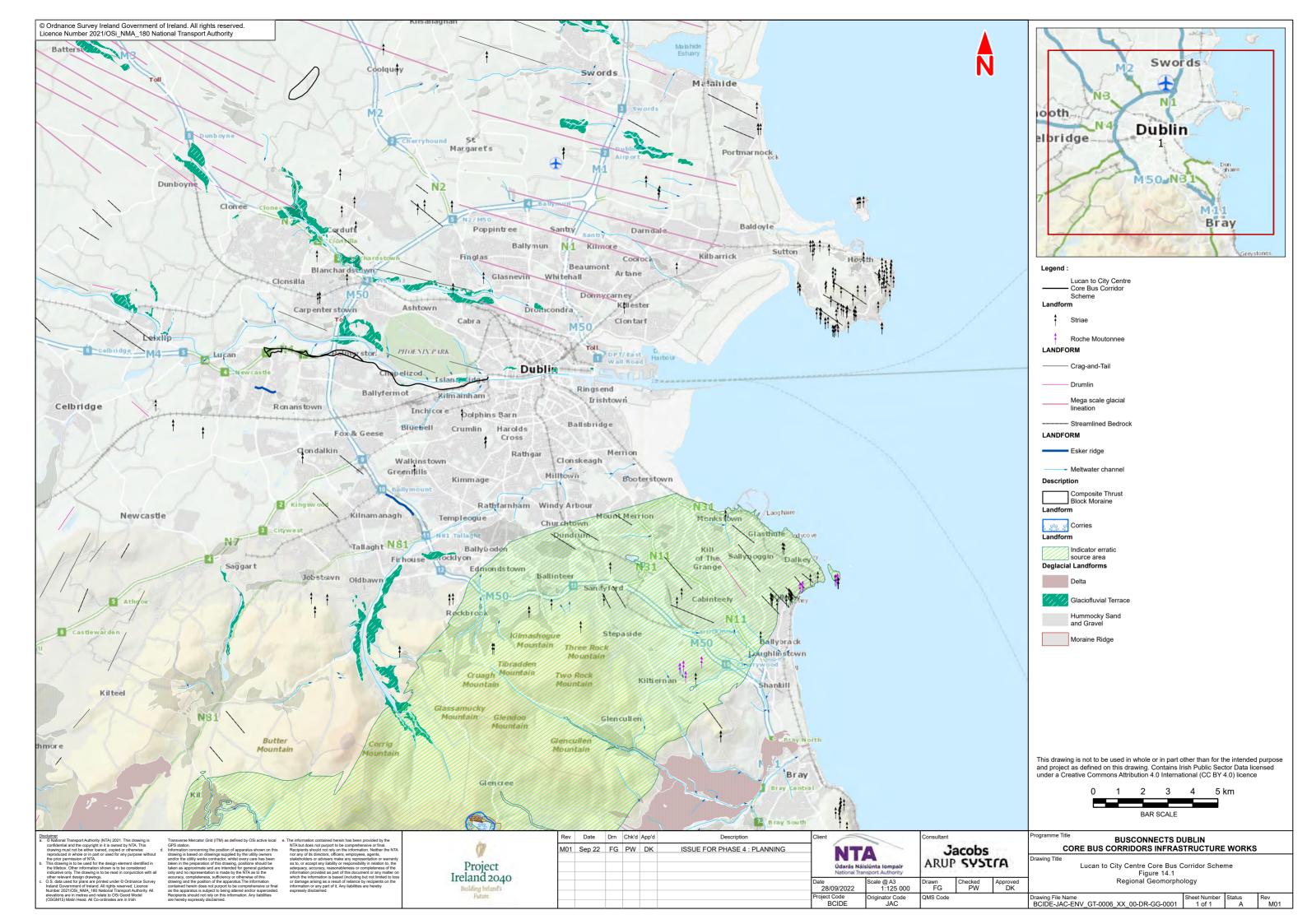
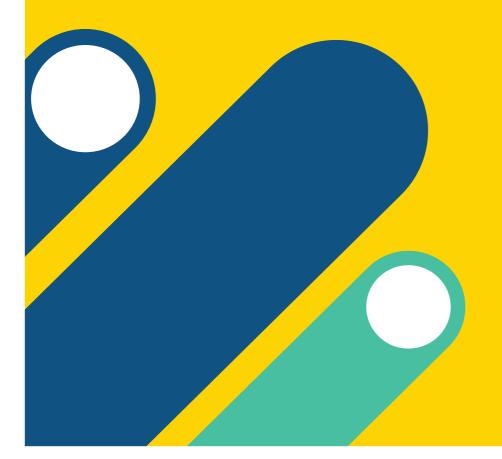
14.1 Regional Geomorphology

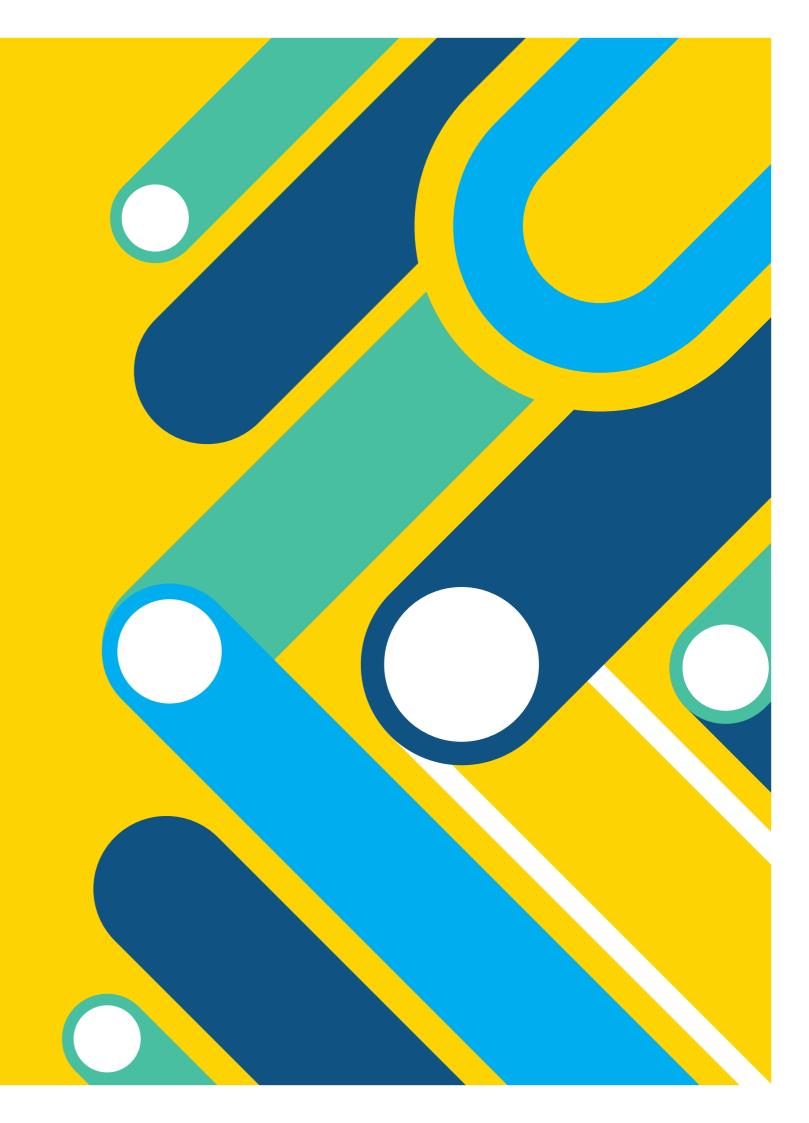


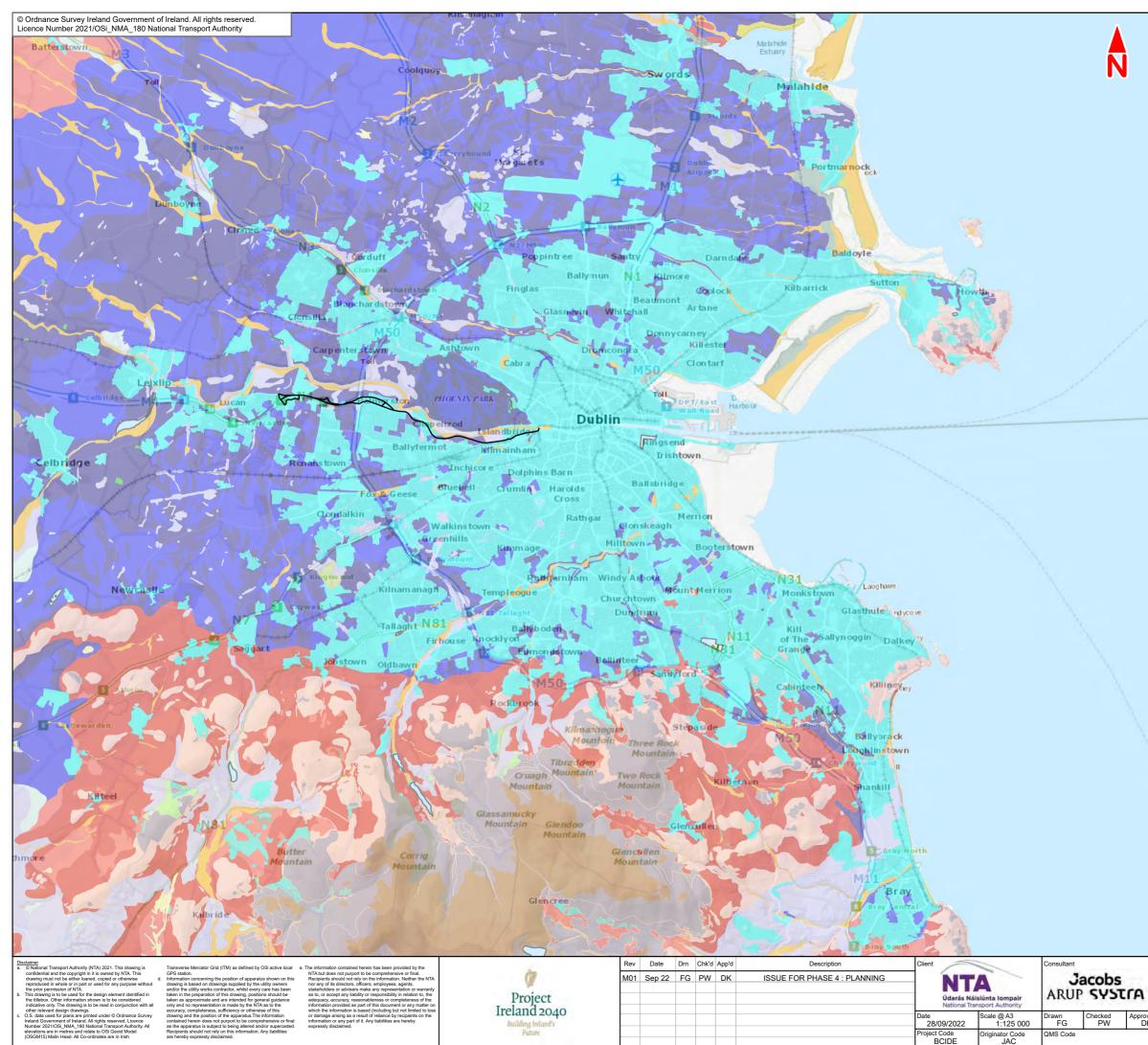




14.2 Regional Soils











Legend :

Lucan to City Centre Core Bus Corridor Scheme

Teagasc Soils

AeoUND - Aeolian Undifferentiated AlluvMIN - Mineral alluvium

AminDW - Acid Brown Earths / Brown Podzolics

AminPD - Surface water Gleys / Ground water Gleys Acidic

AminPDPT - Peaty Gleys Acidic

AminSP - Surface water Gleys / Ground water Gleys Shallow

AminSRPT - Podzols Peaty

AminSW - Lithosols / Regosols

BktPt - Blanket peat

BminDW - Grey Brown Podzolics Brown Earths Basic



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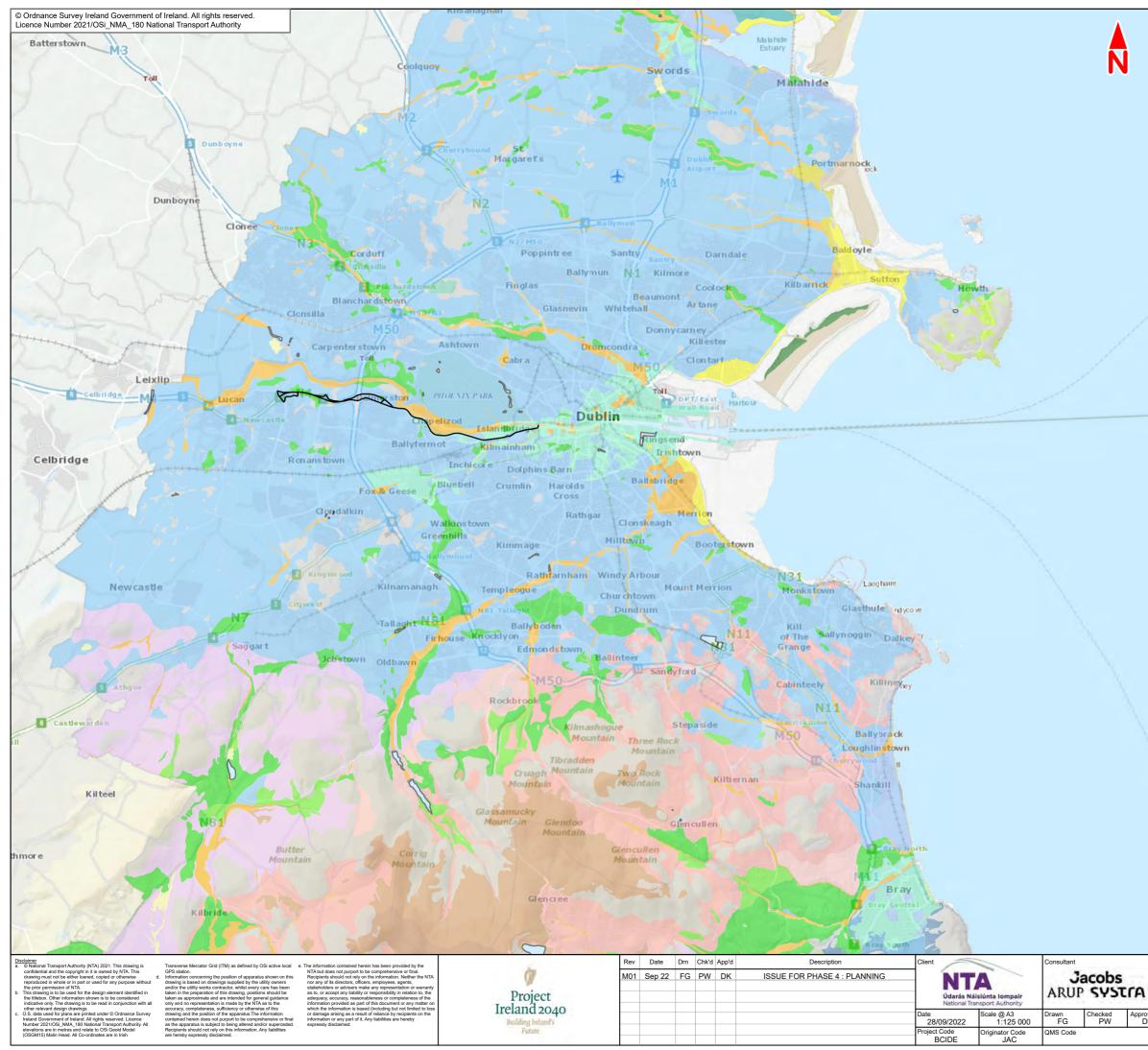
Lucan to City Centre Core Bus Corridor Scheme Figure 14.2 Regional Soils

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14.3 Regional Subsoils

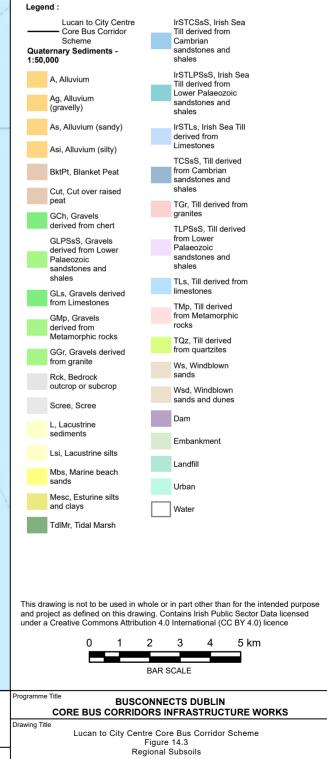












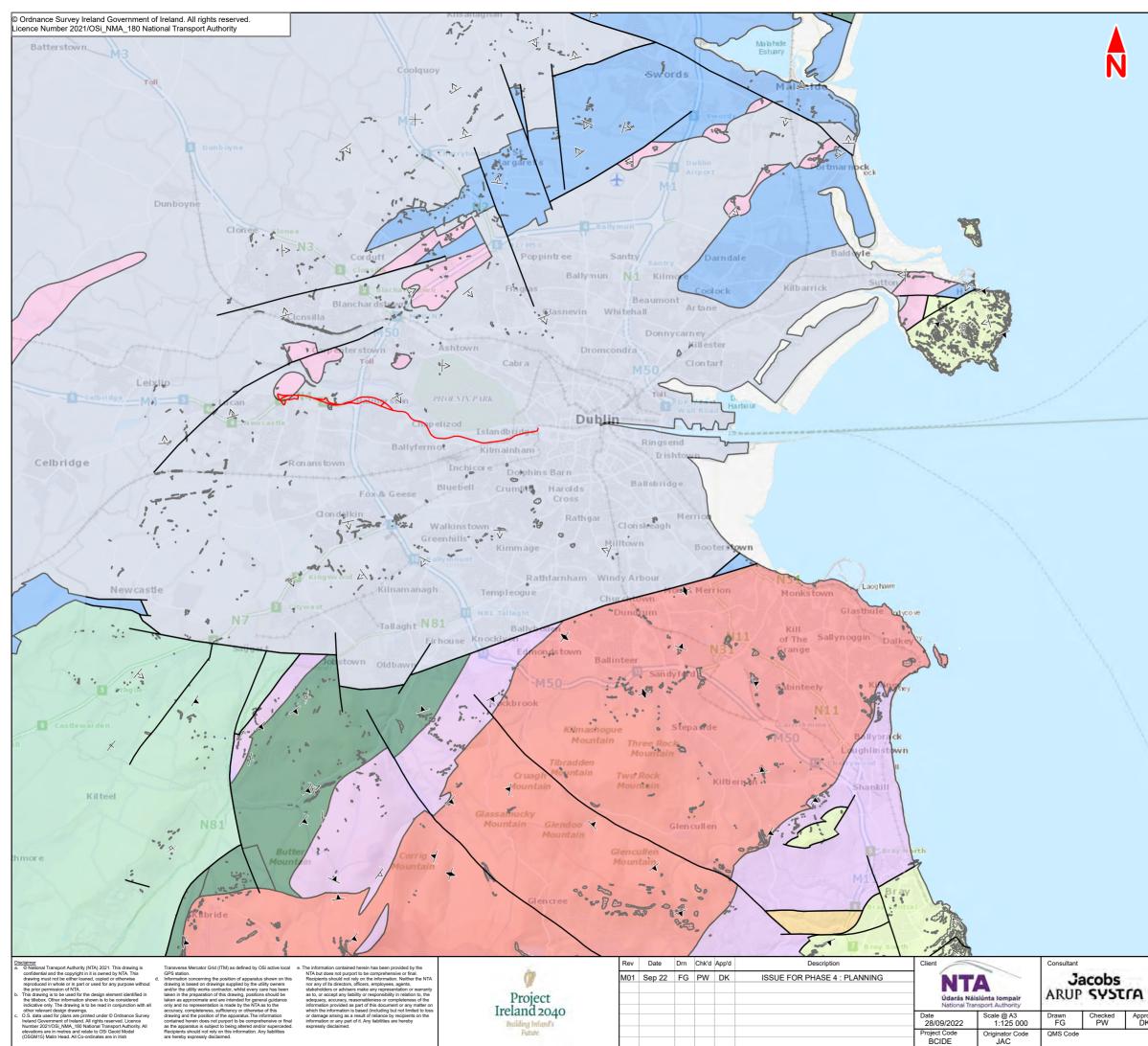
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14.4 Regional Bedrock







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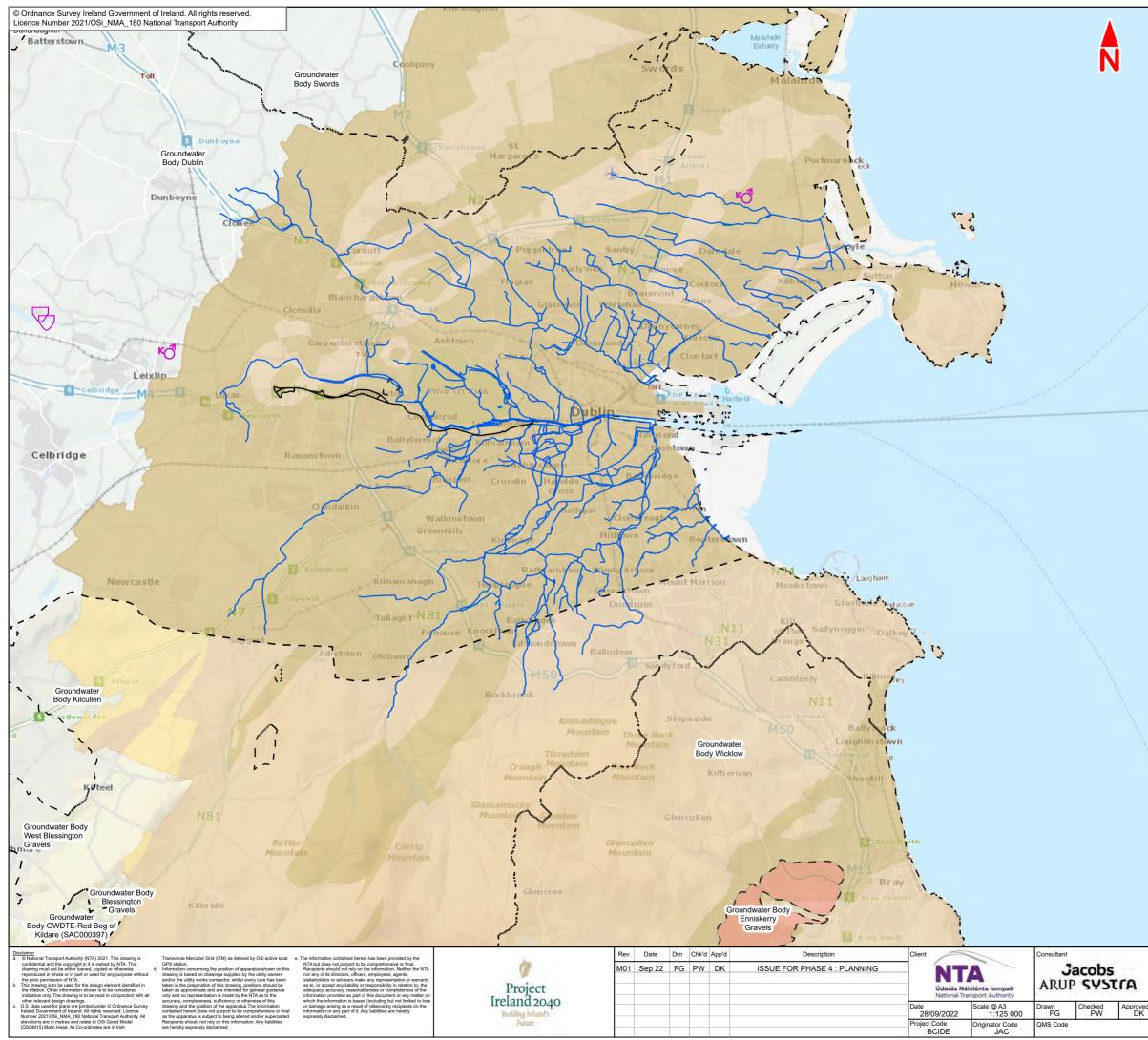
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1	Legend :
	Lucan to City Centre Core Bus Corridor Scheme
	GSI Bedrock Geological Faults - 1:500,000
	GSI Bedrock Structural Symbols - 1:100,000
	First foliation parallel to bedding
	Horizontal Bedding
	Strike and dip of bedding, right way up
	- Strike and dip of bedding, way up unknown
	 Strike and dip of first foliation
	Strike and dip of overturned bedding
	Strike and dip of second foliation
	Strike of vertical first foliation
	GSI Bedrock Outcrop - 1:100,000
	GSI Bedrock Outcrop - 1:100,000
	GSI Bedrock Geology - 1:500,000
	Visean basinal limestone "Calp"
	Waulsortian mudbank
	Courceyan limestone
	Up Dev-Lr Carb ORS
	Caledonian granite
	Silurian sandstone, g'wacke, shale
	Mid-Up Ordovician basic volcanics
	Lr-Mid Ordovician slate
	Lr-Mid Ordovocian acid volcanics
1	LI-Mid Ordovician acid volcanics
	Cambrian greywacke, sandst, qtzite
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t	Figure 14.4 Regional Bedrock
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14.5 Regional Aquifers





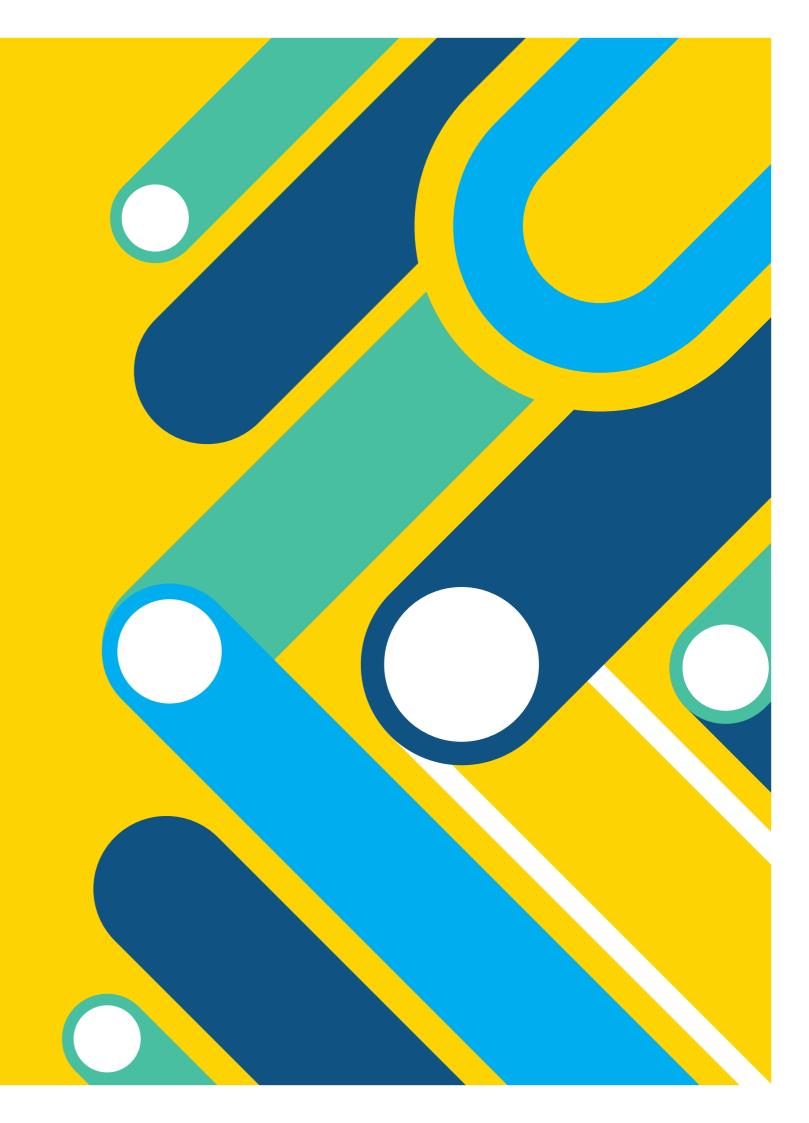


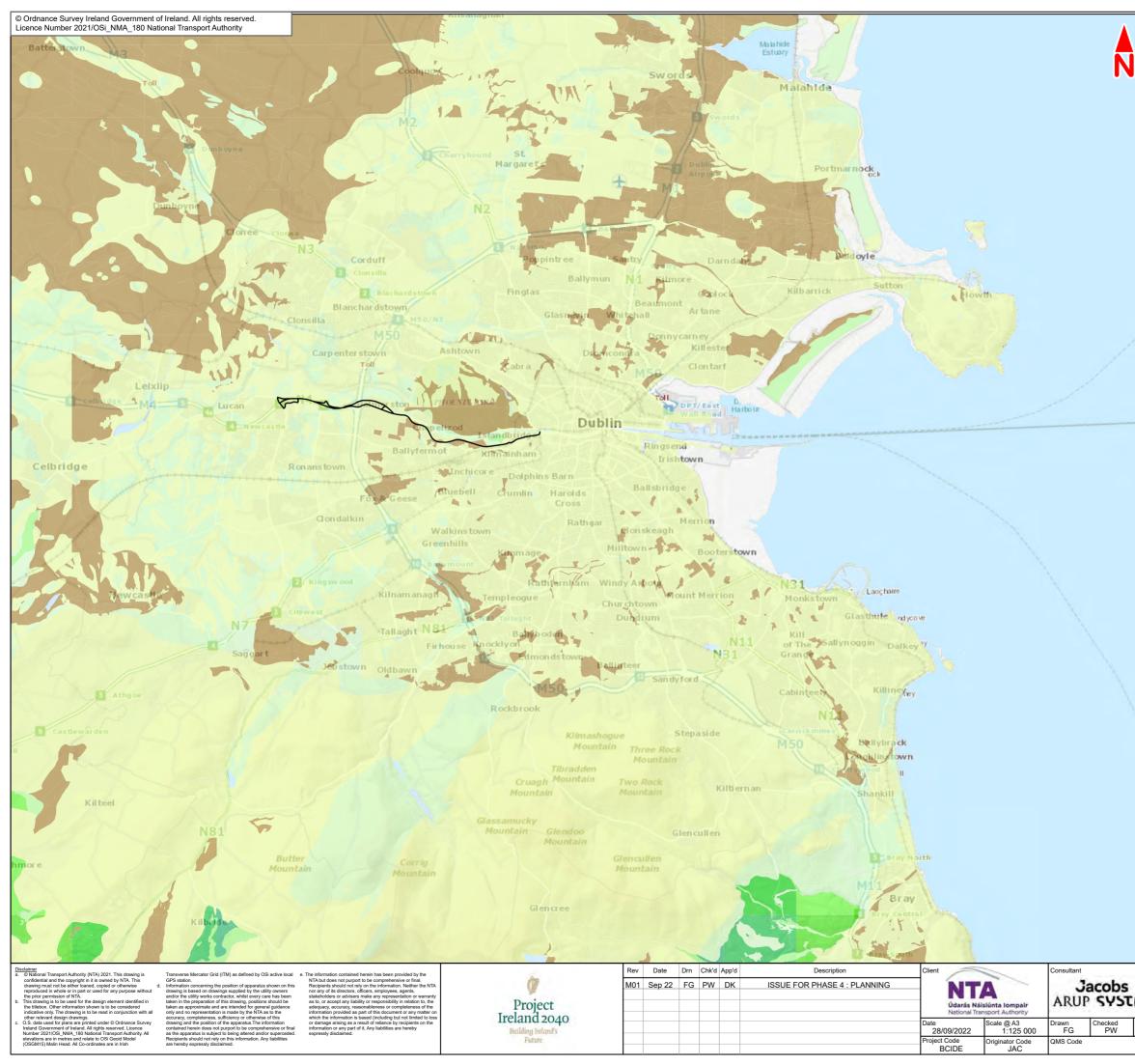


	NB Swords NI m Dublin 1 M50-NB1 M11 Bray
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	Rivers Of Dublin
	GSI Sand And Gravel Aquifers
	Groundwater Bodies - Water Framework Directive
	GSI Karst
_	CAVE
	GSI Bedrock Aquifer
	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones (LI)
	Locally Important Aquifer - Bedrock which is Generally
	Moderately Productive (Lm)
	Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones (PI)
	Poor Aquifer - Bedrock which is Generally
	Unproductive (Pu)
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	Lucan to City Centre Core Bus Corridor Scheme Figure 14.5
i	Regional Aquifers
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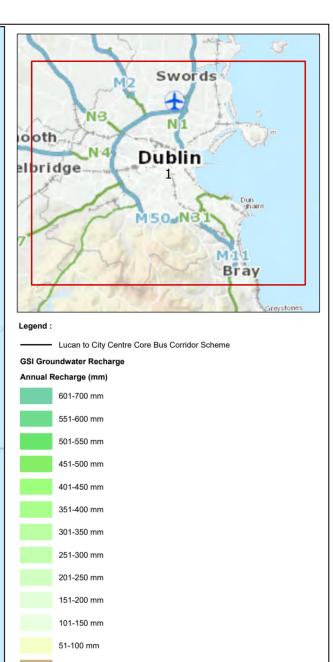
14.6 Regional Groundwater Recharge











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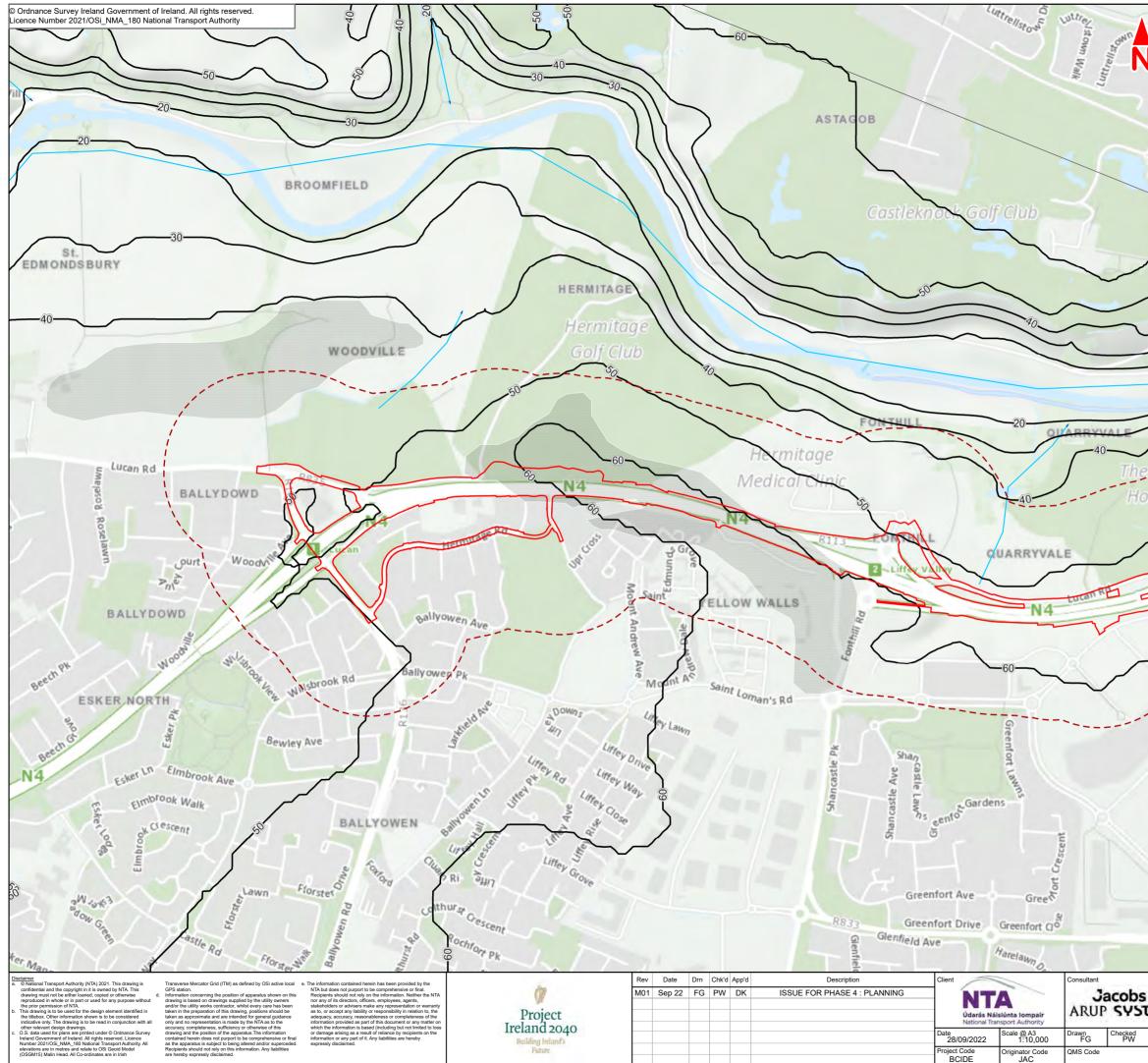
Lucan to City Centre Core Bus Corridor Scheme Figure 14.6 Regional Groundwater Recharge

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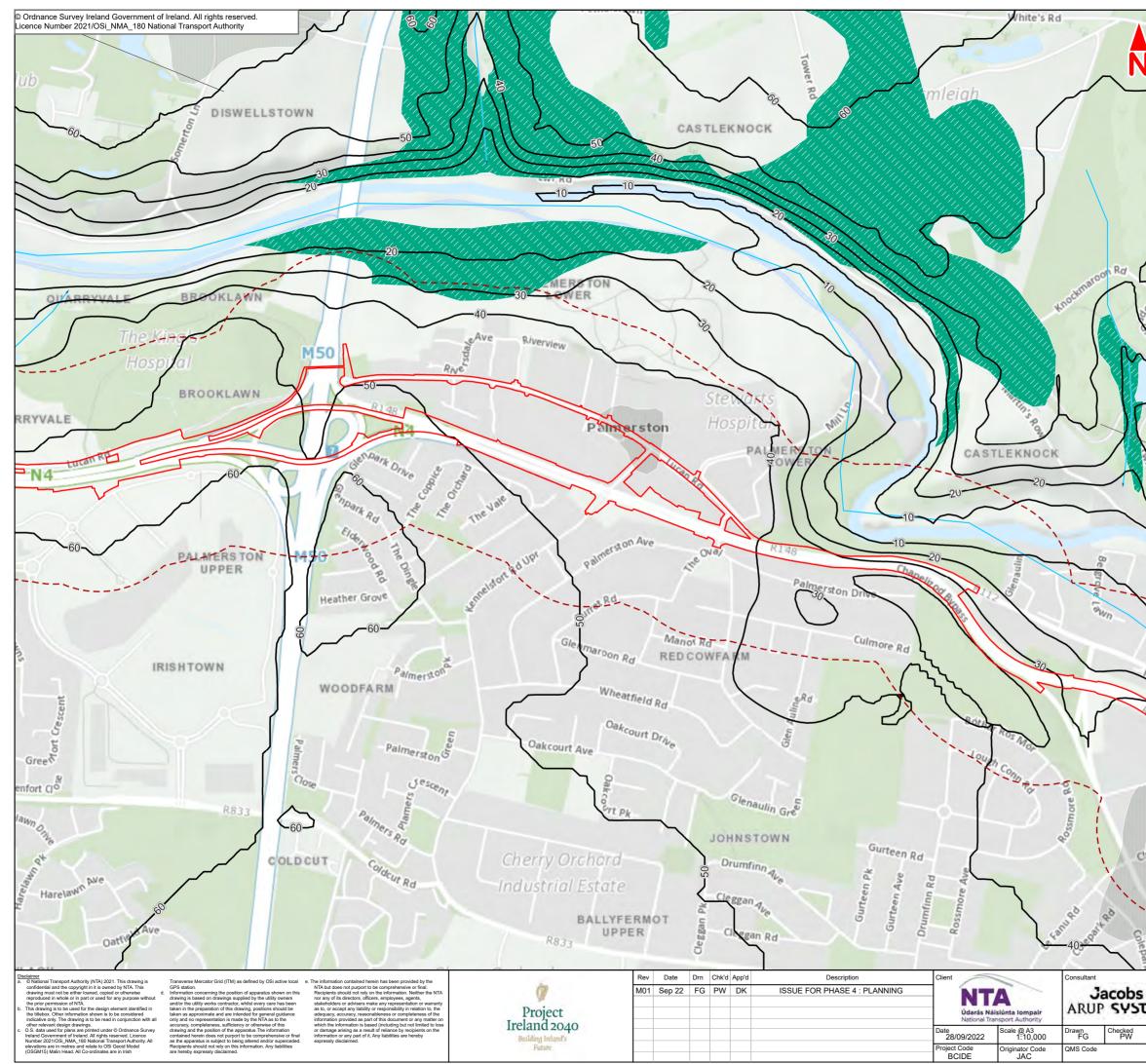
14.7 Topography and Geomorphology





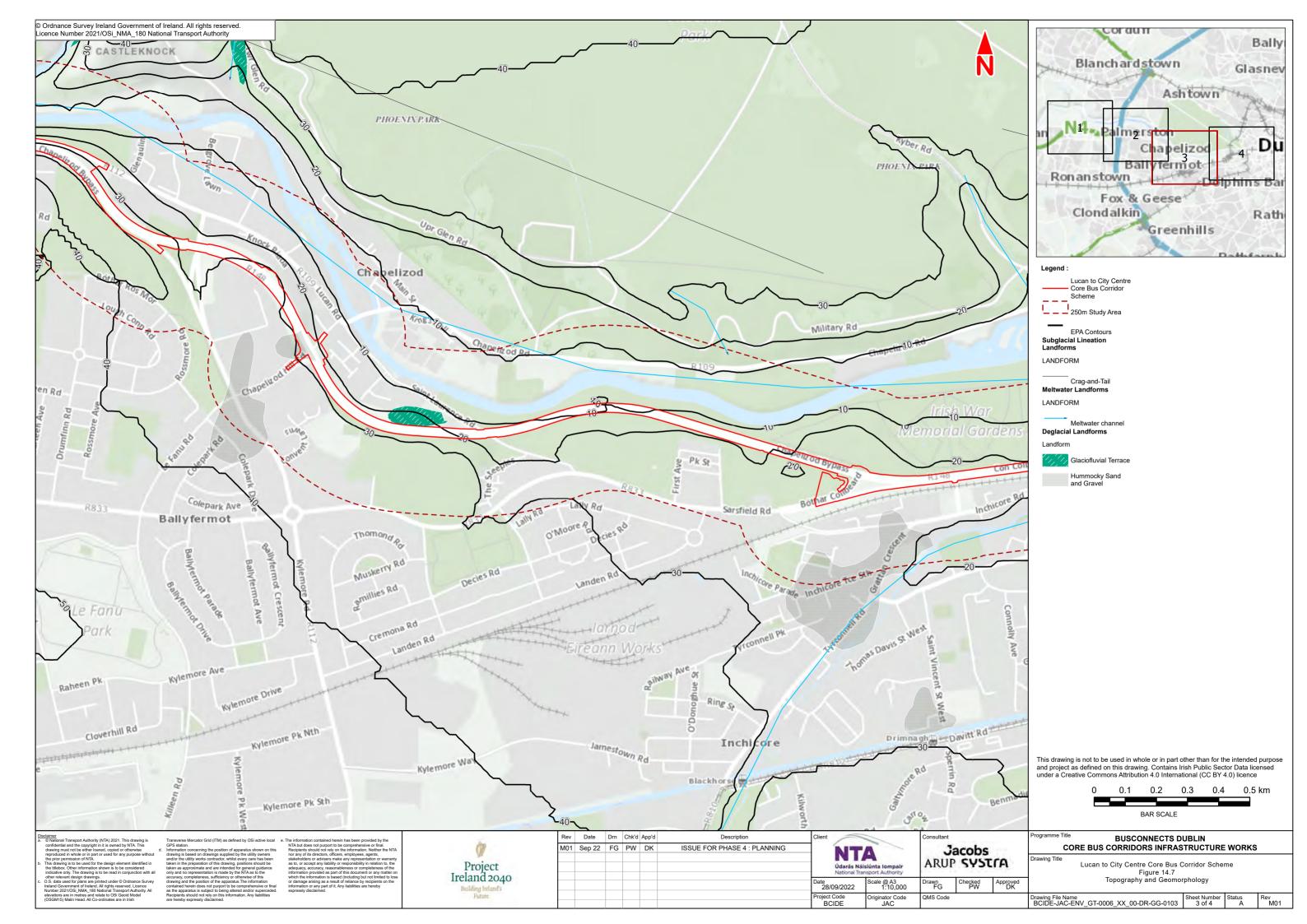


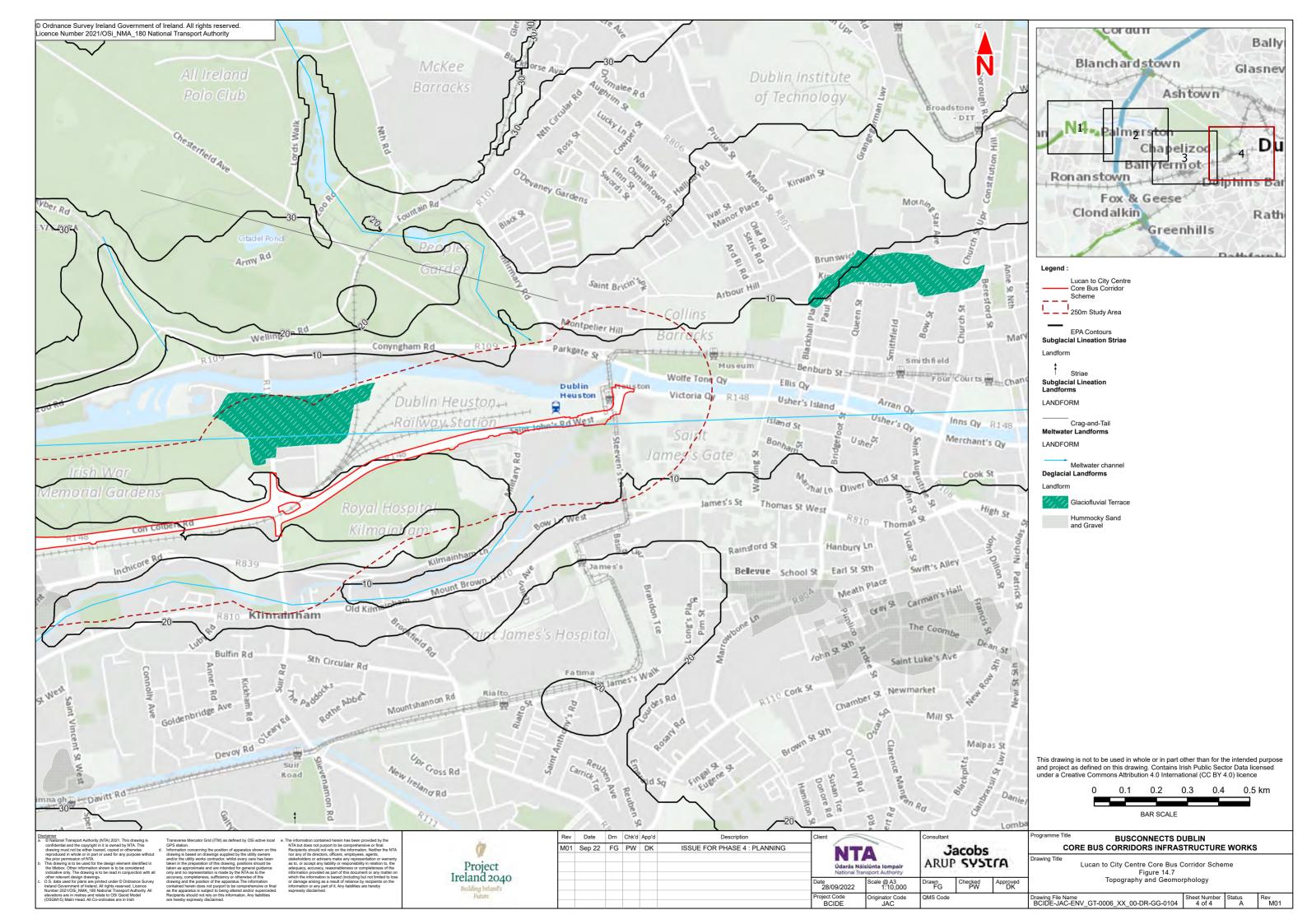
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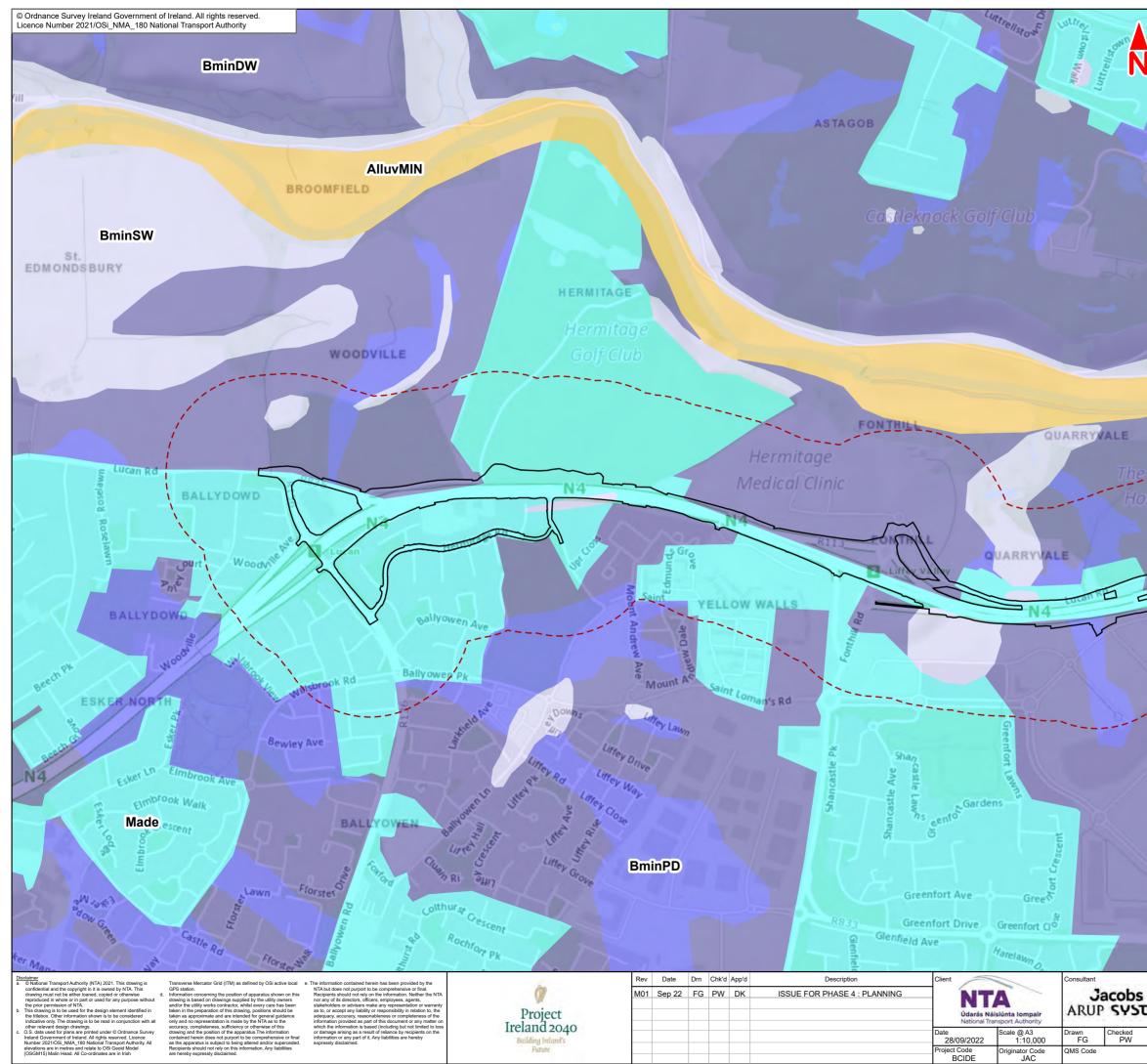




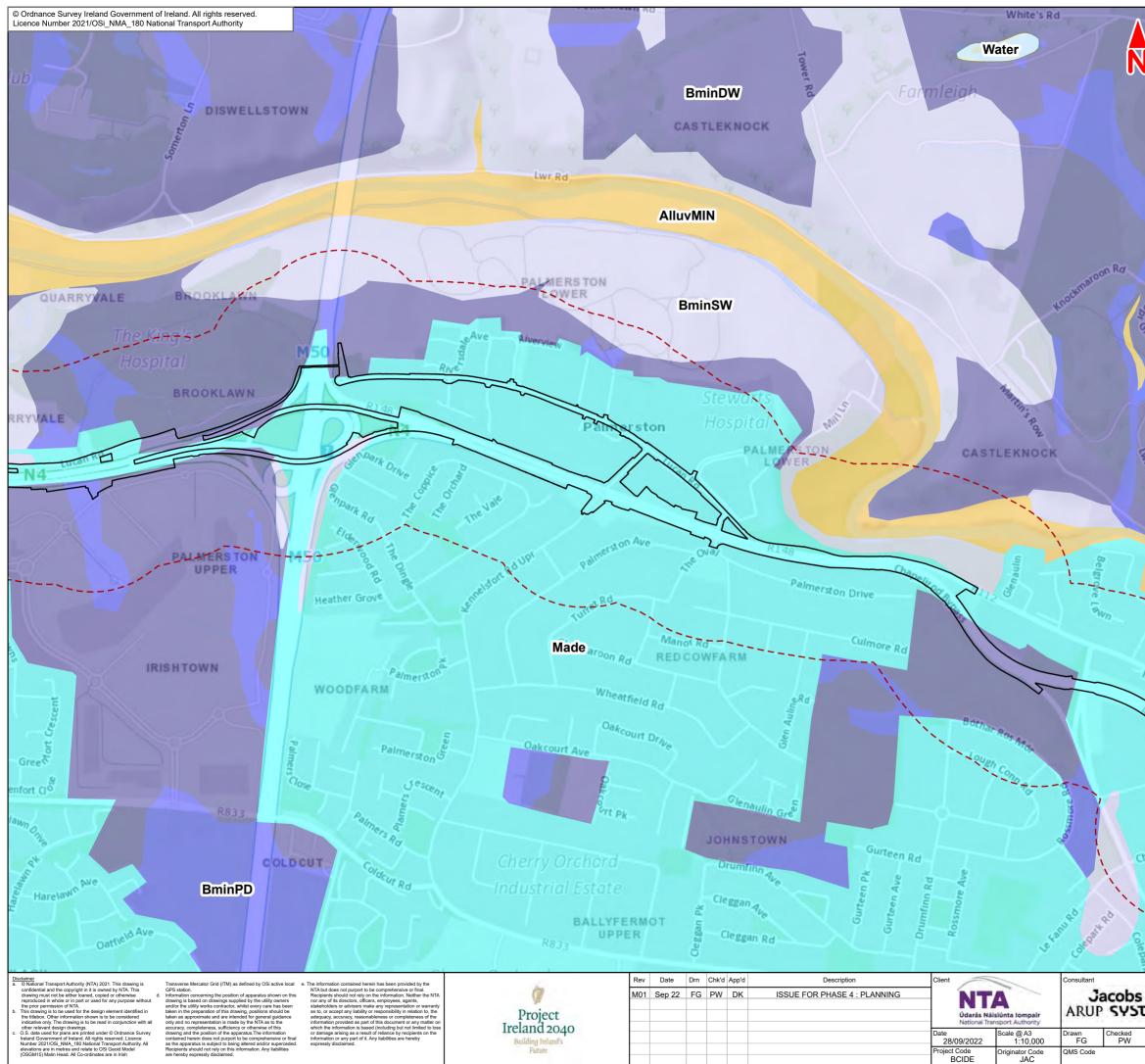
14.8 Soil Deposits





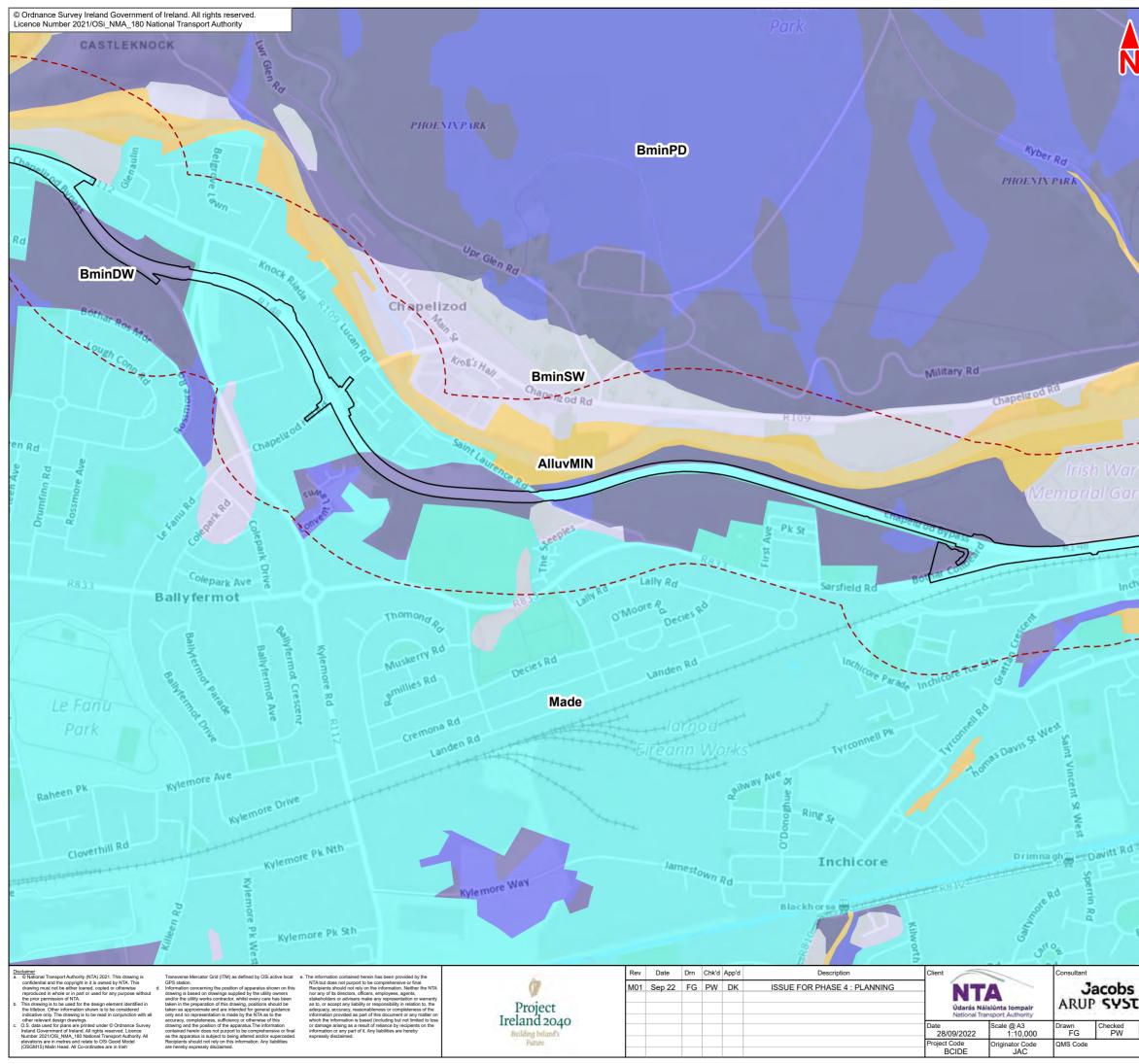


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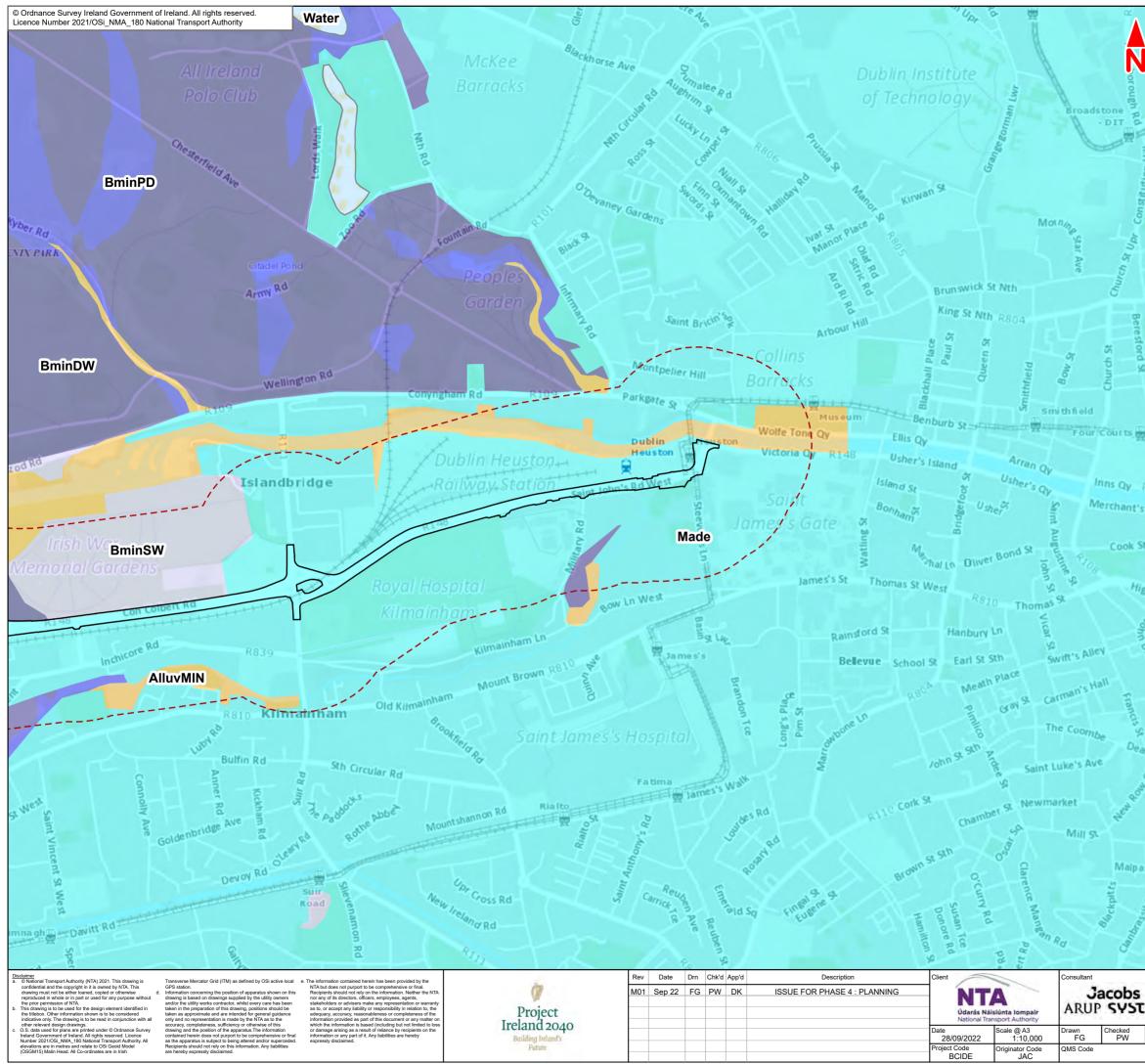
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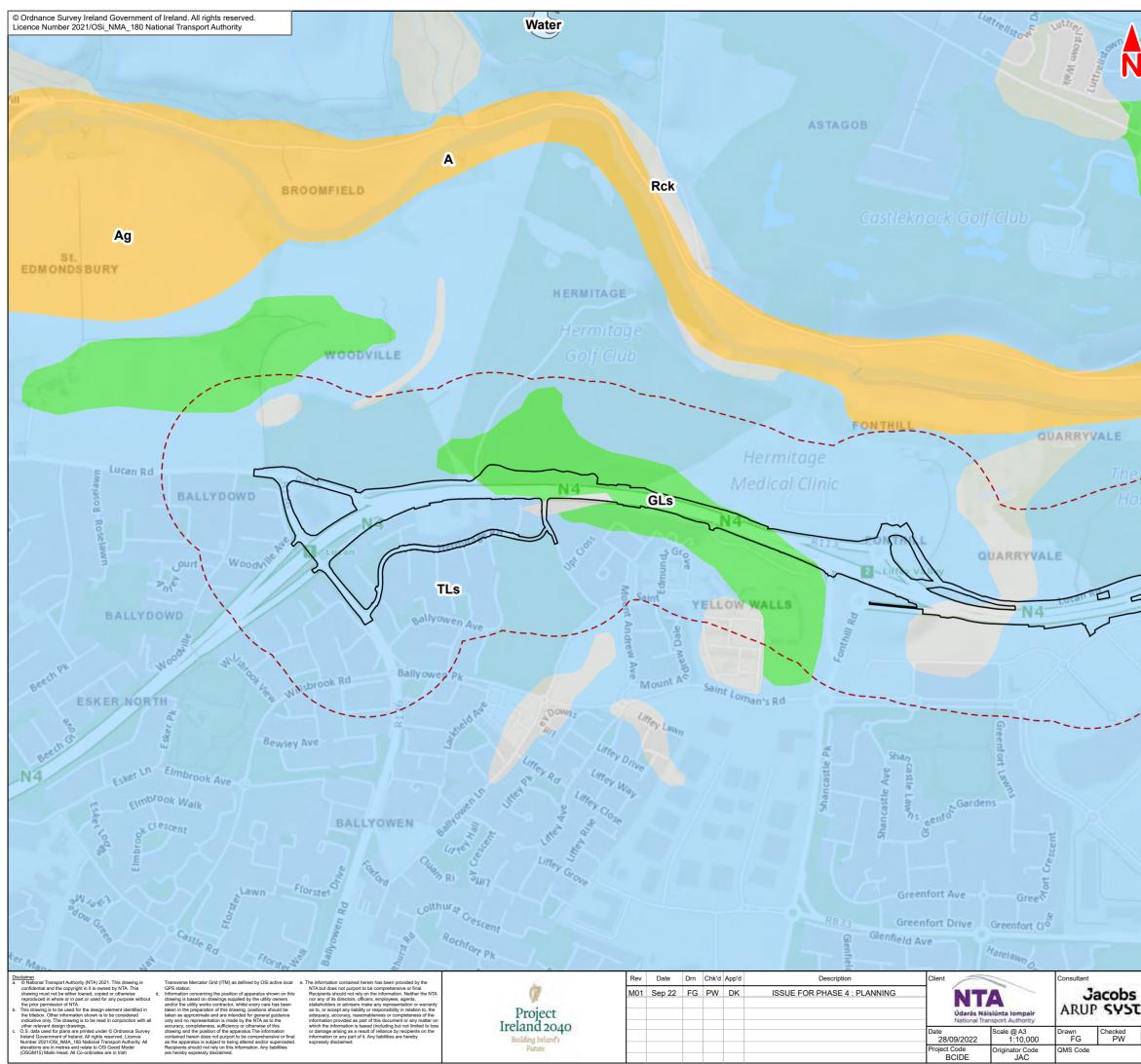


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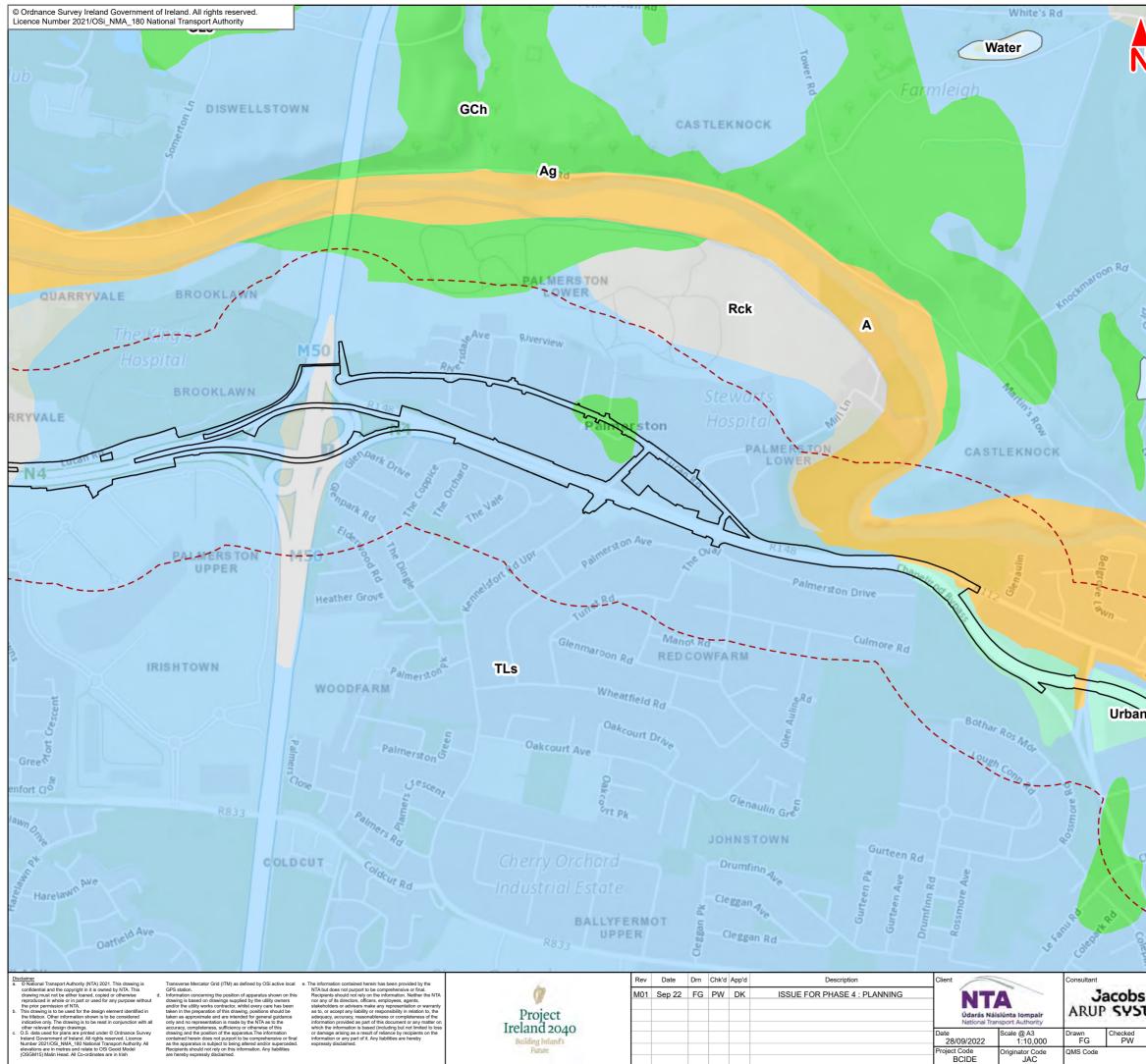
14.9 Subsoil Deposits



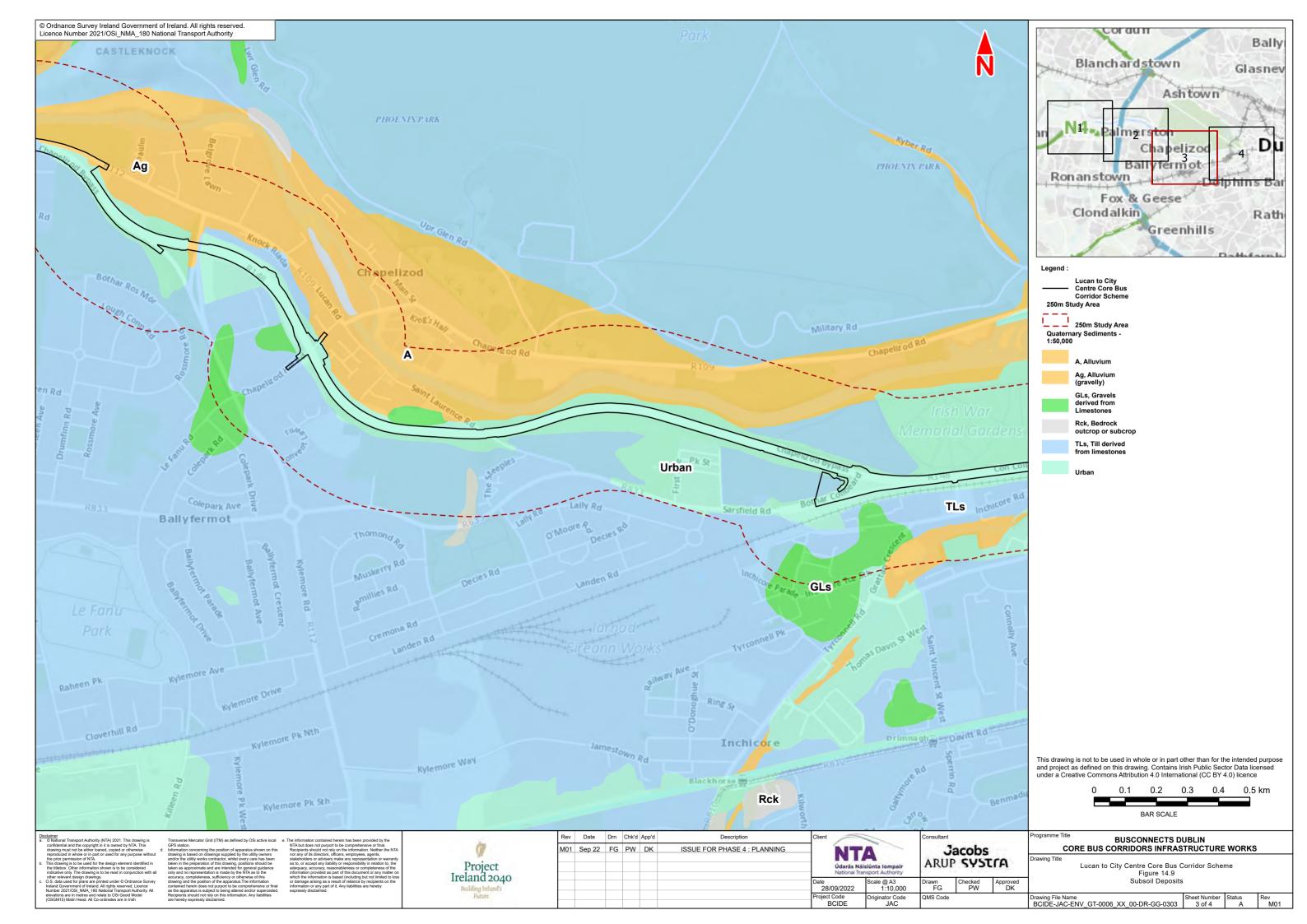


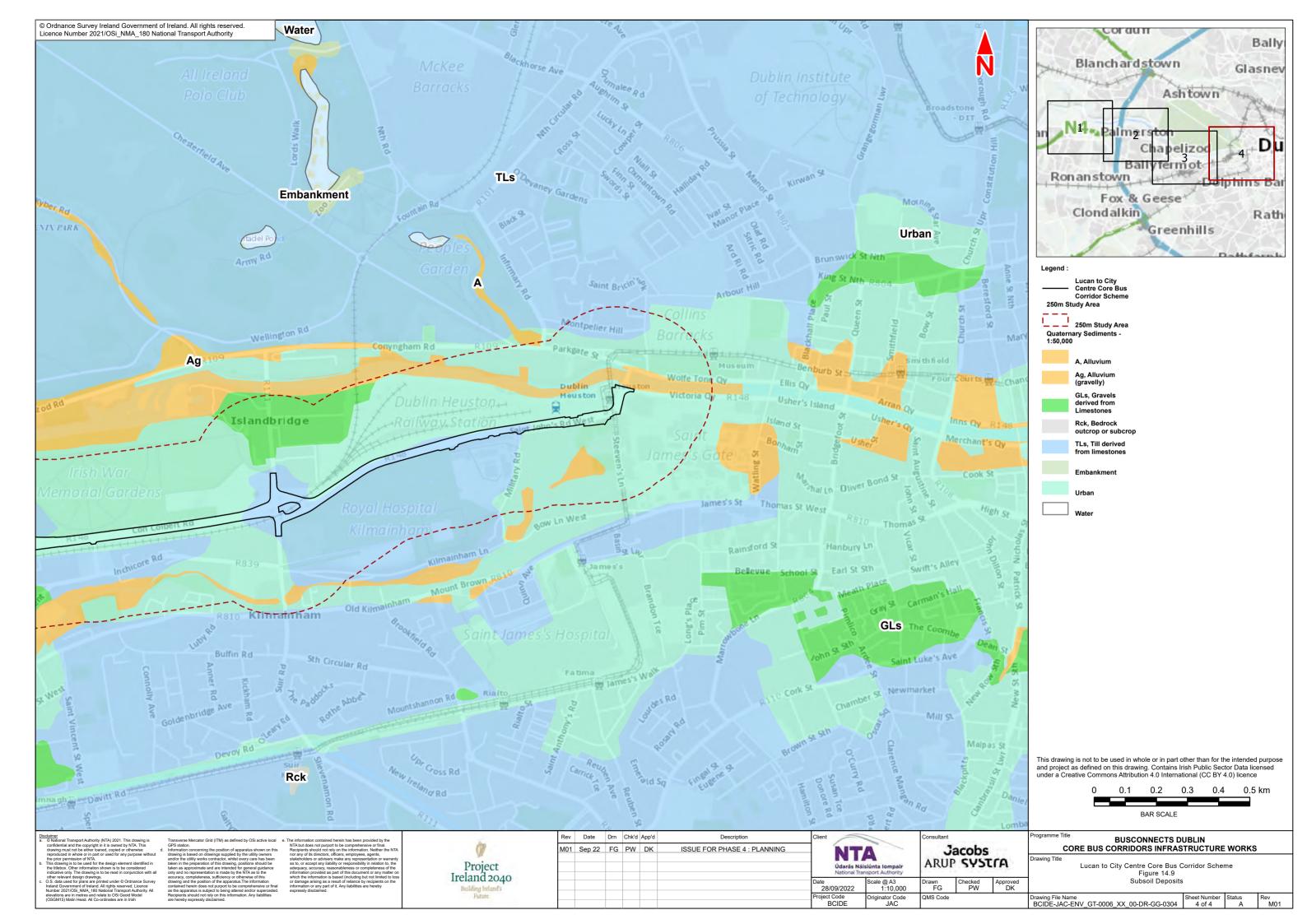


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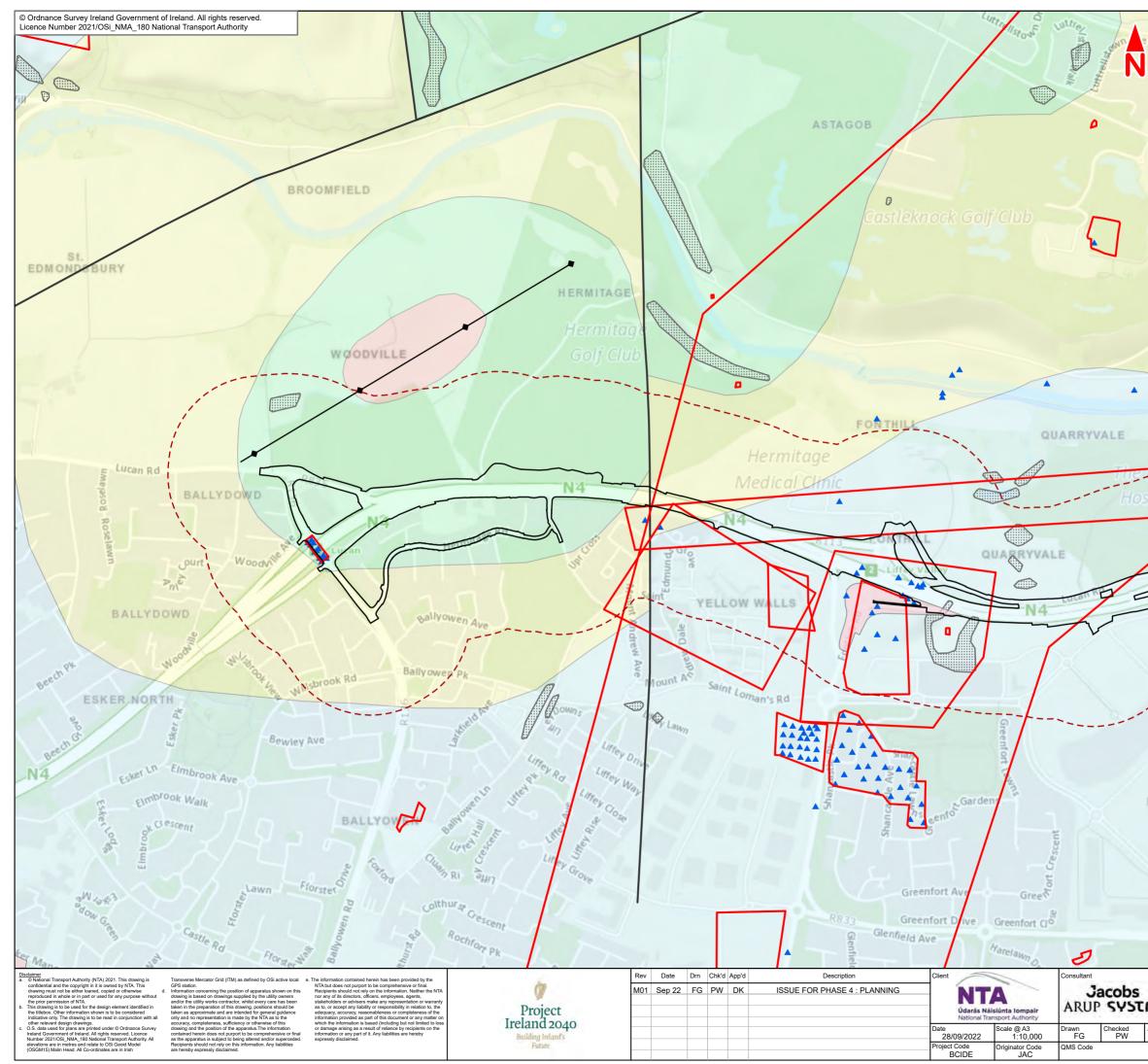




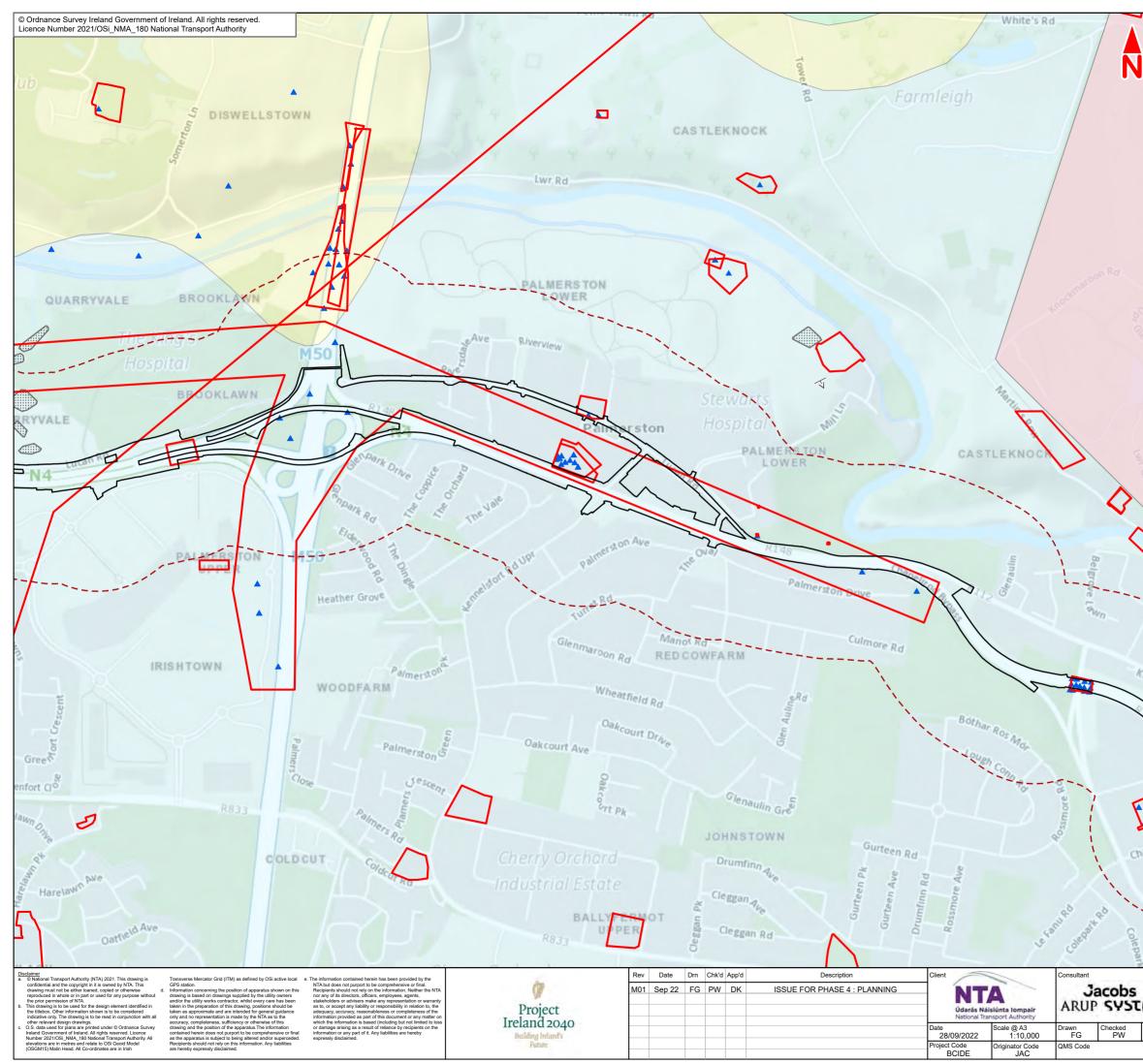
14.10 Bedrock Geology



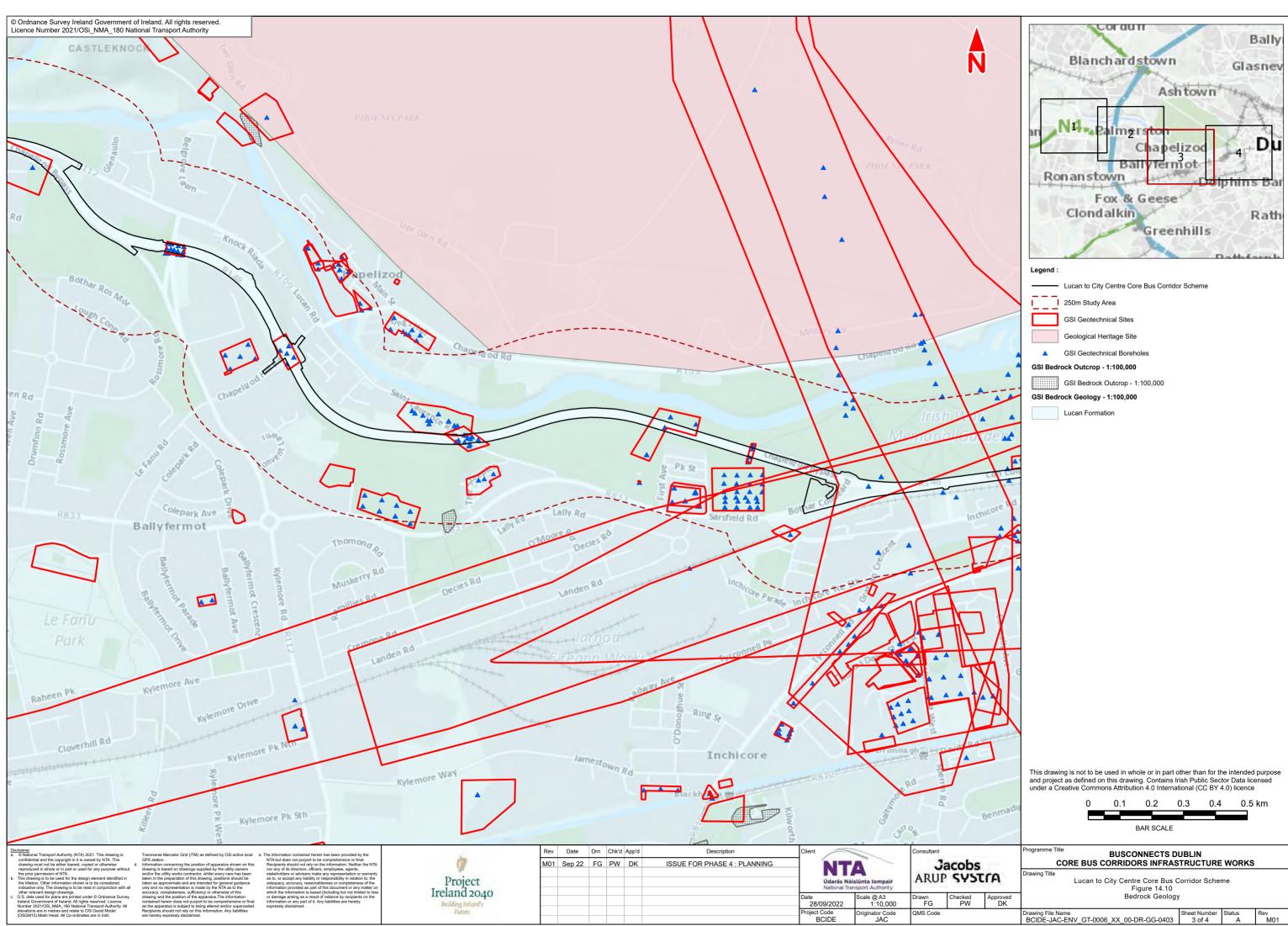




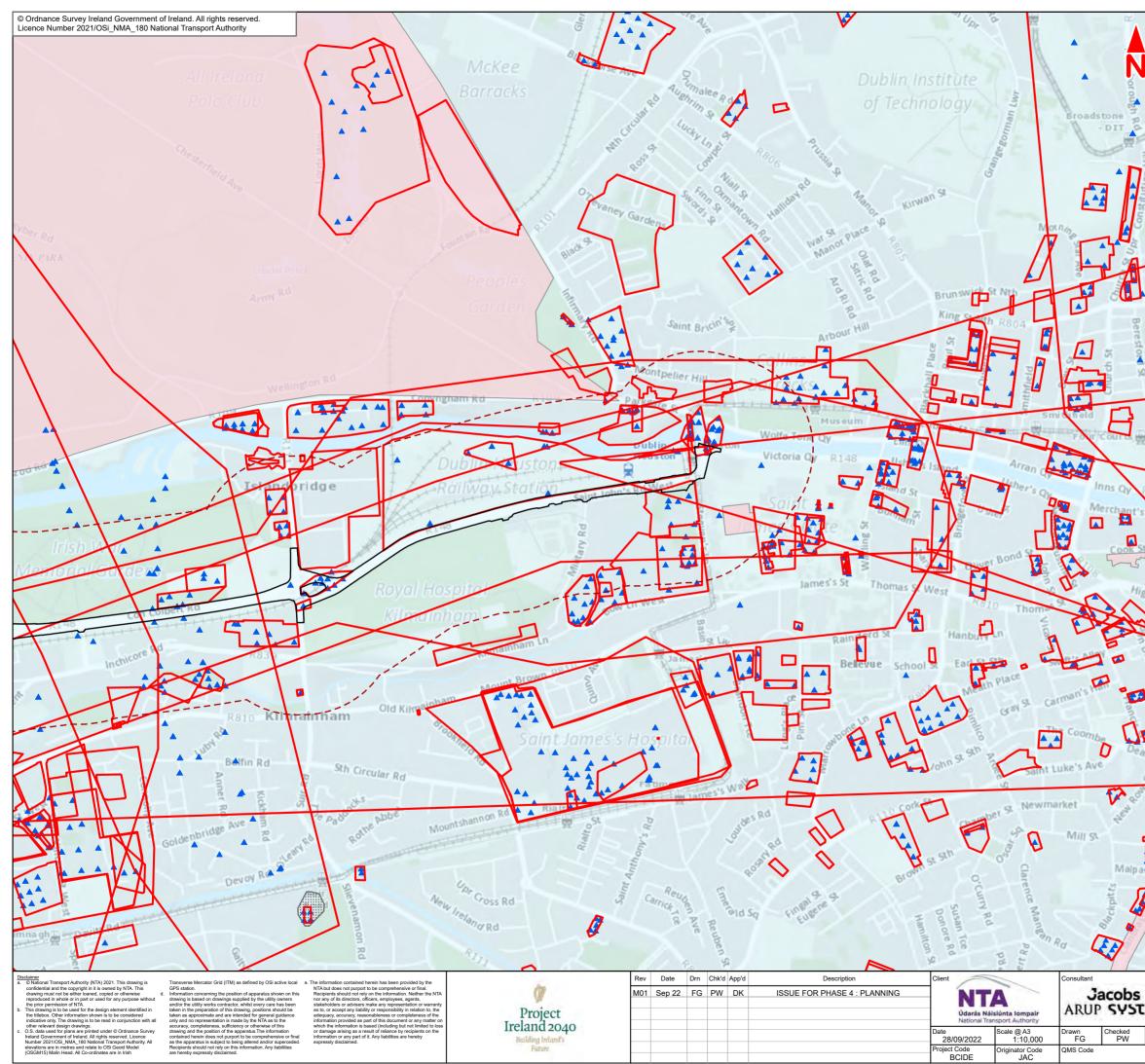
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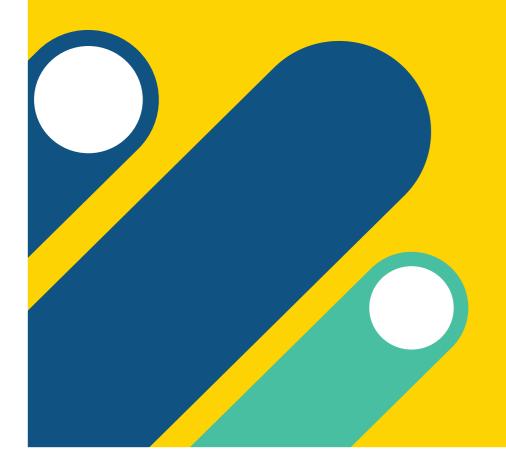
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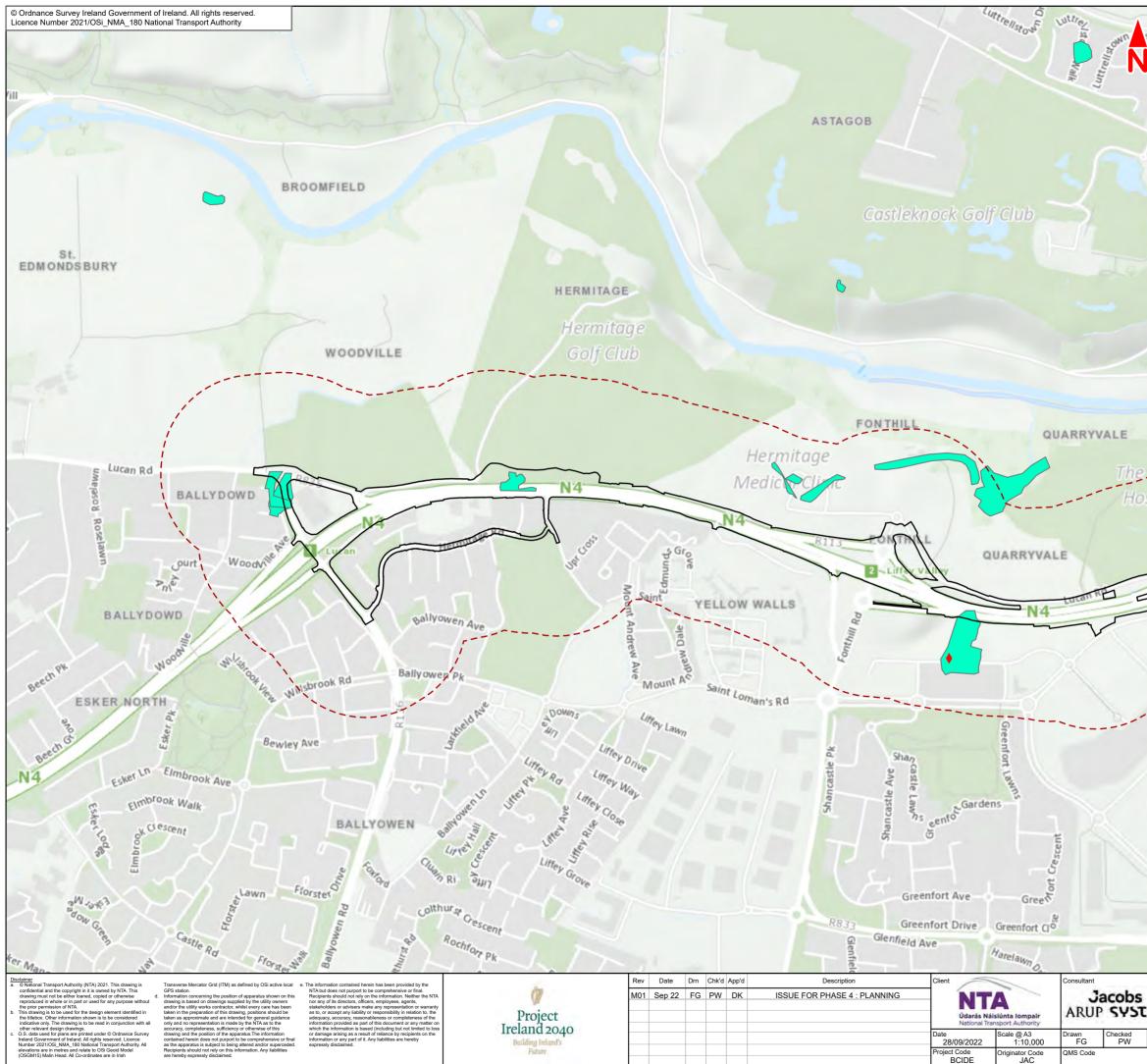
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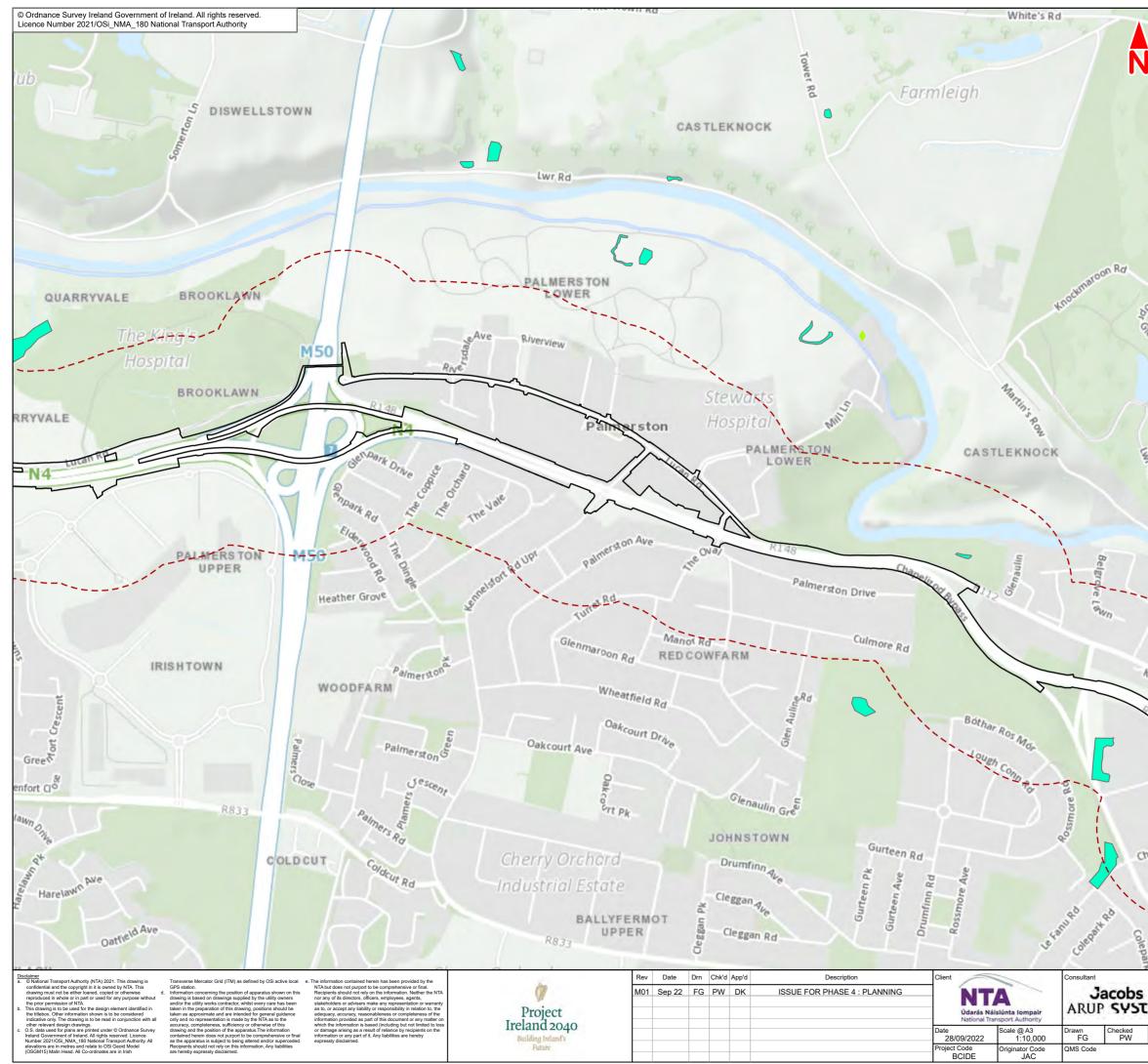
14.11 Granular Aggregate Potential





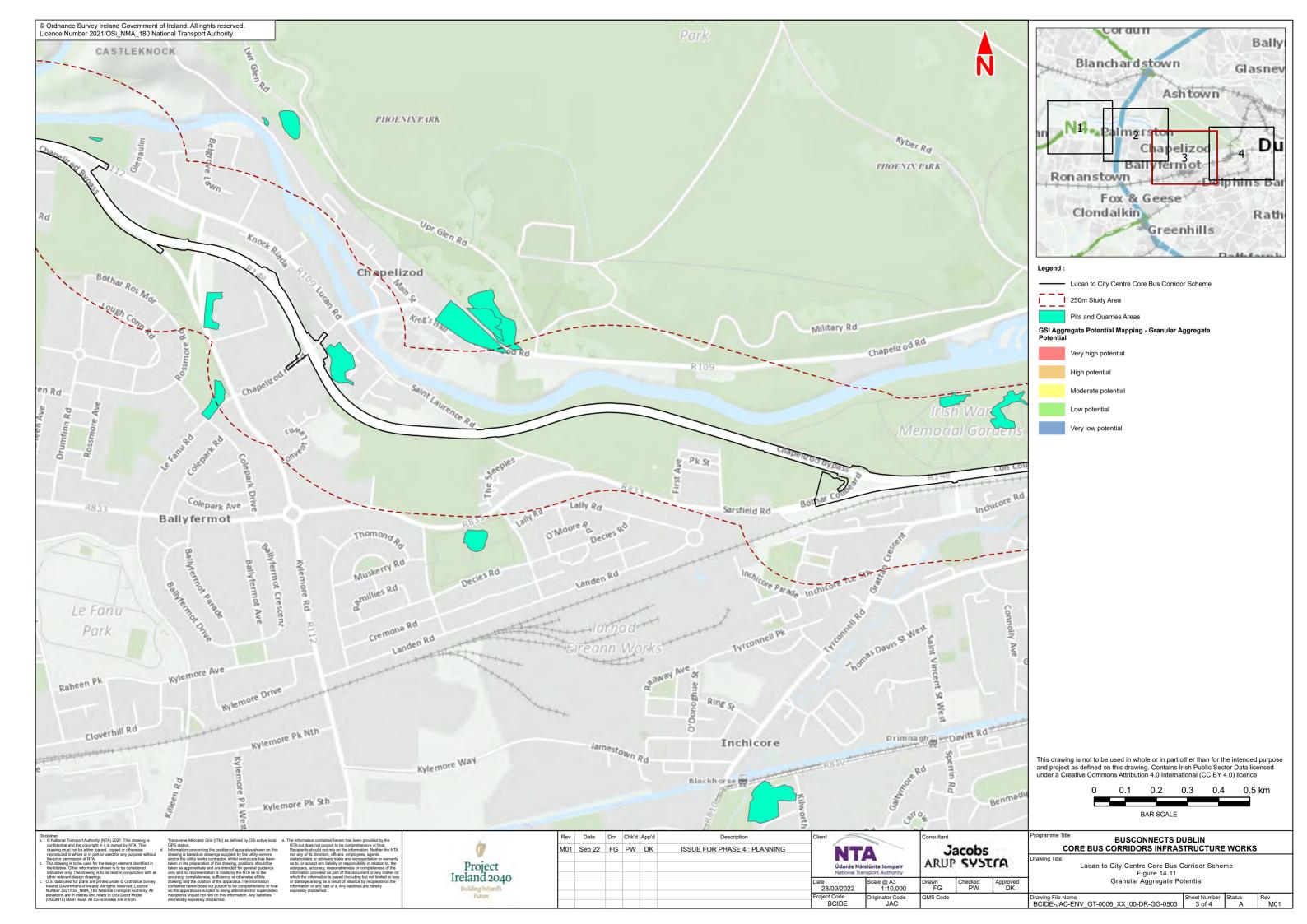


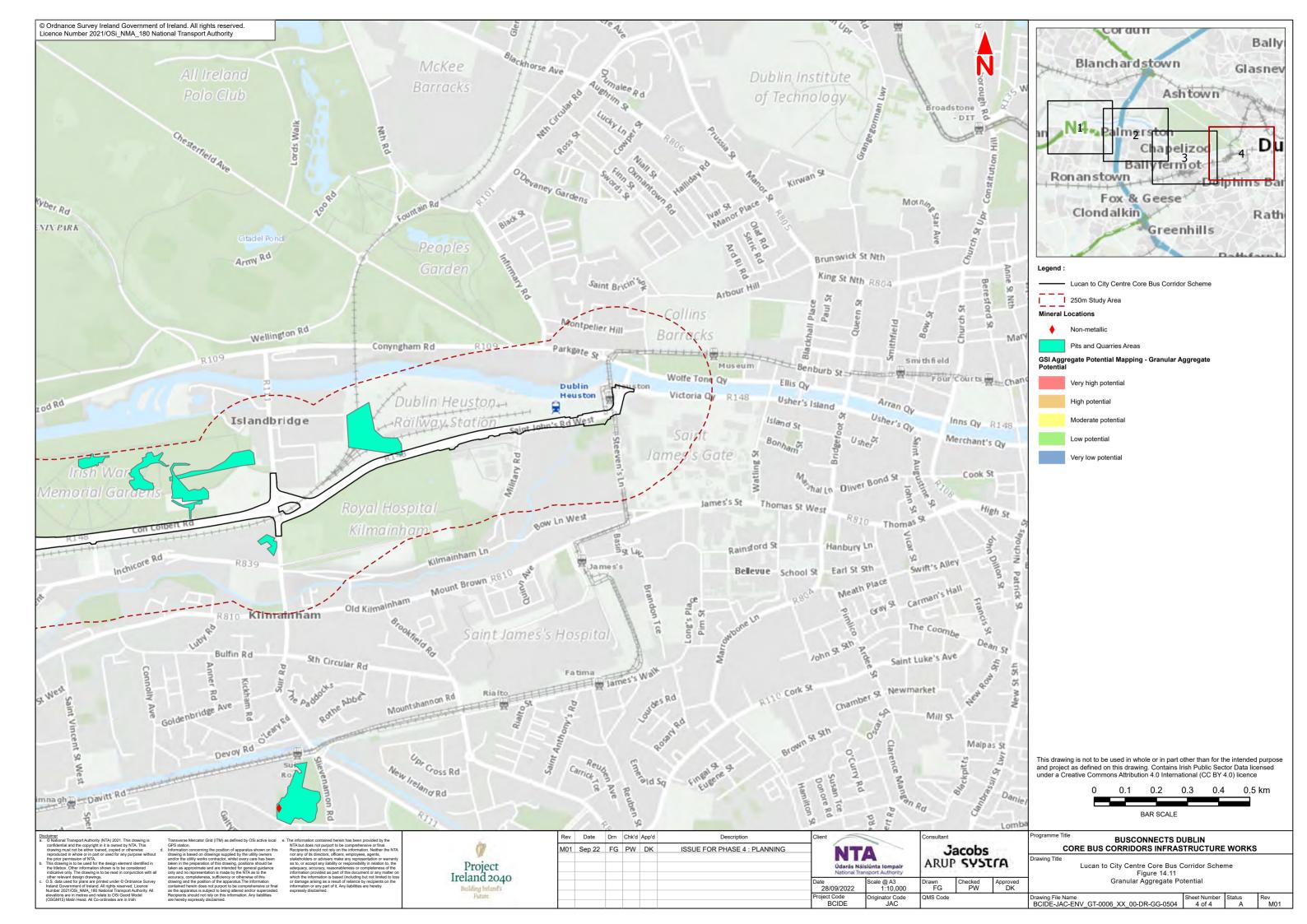
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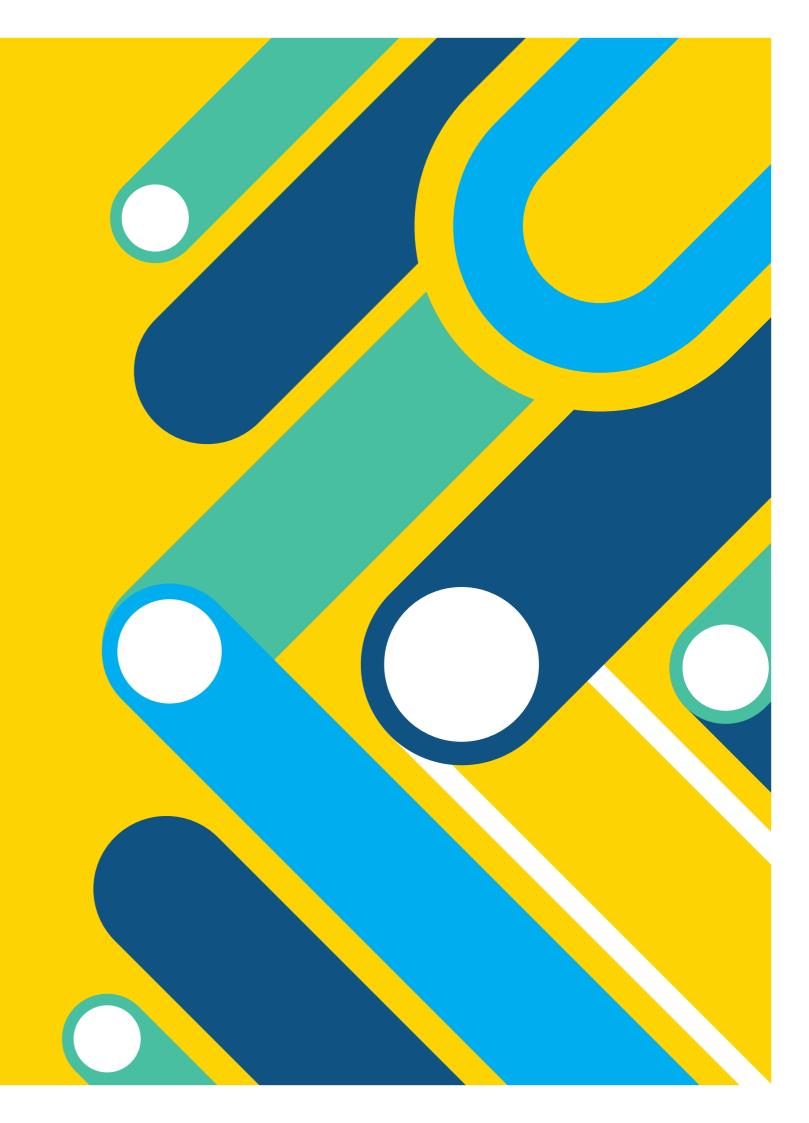
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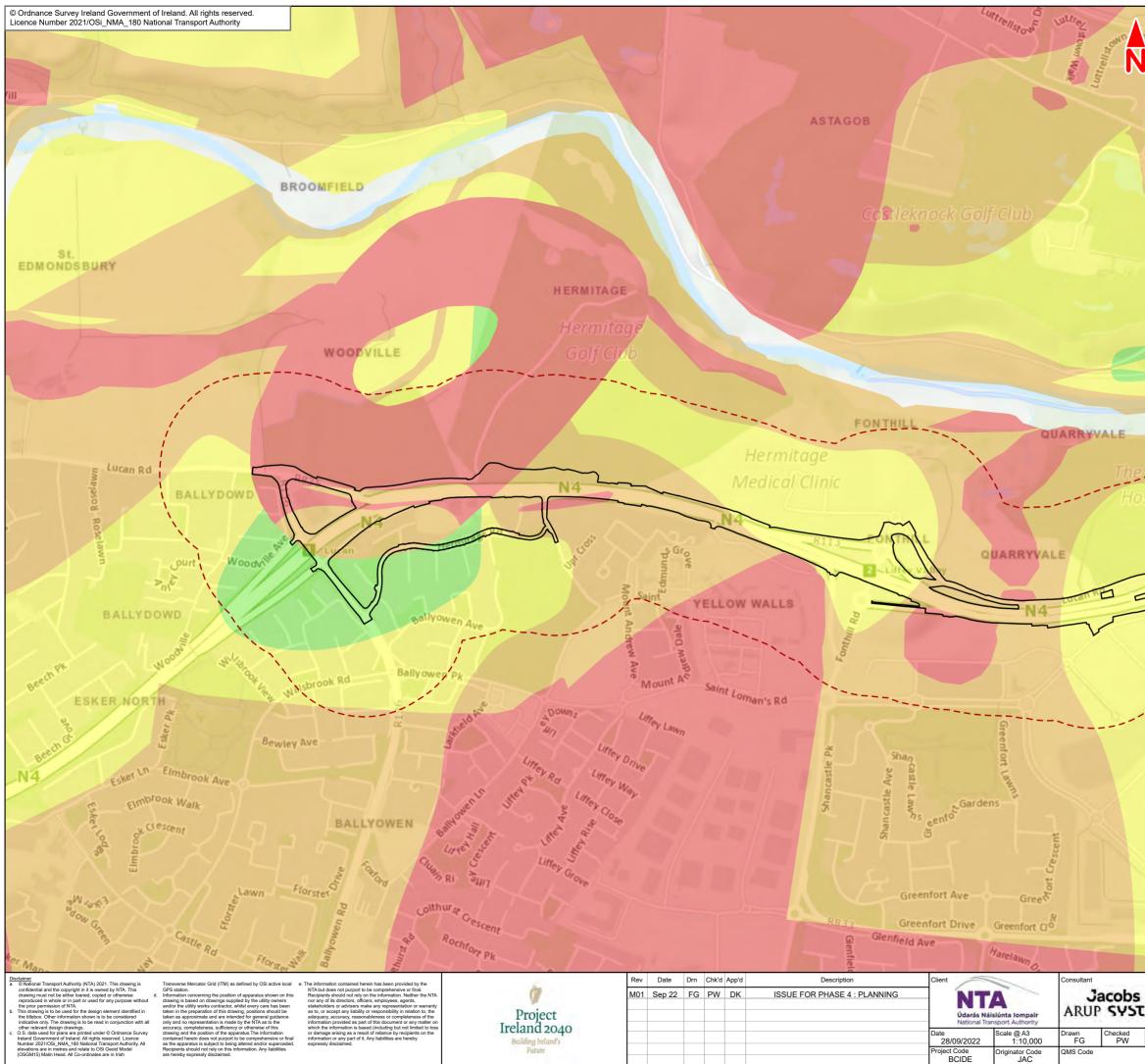




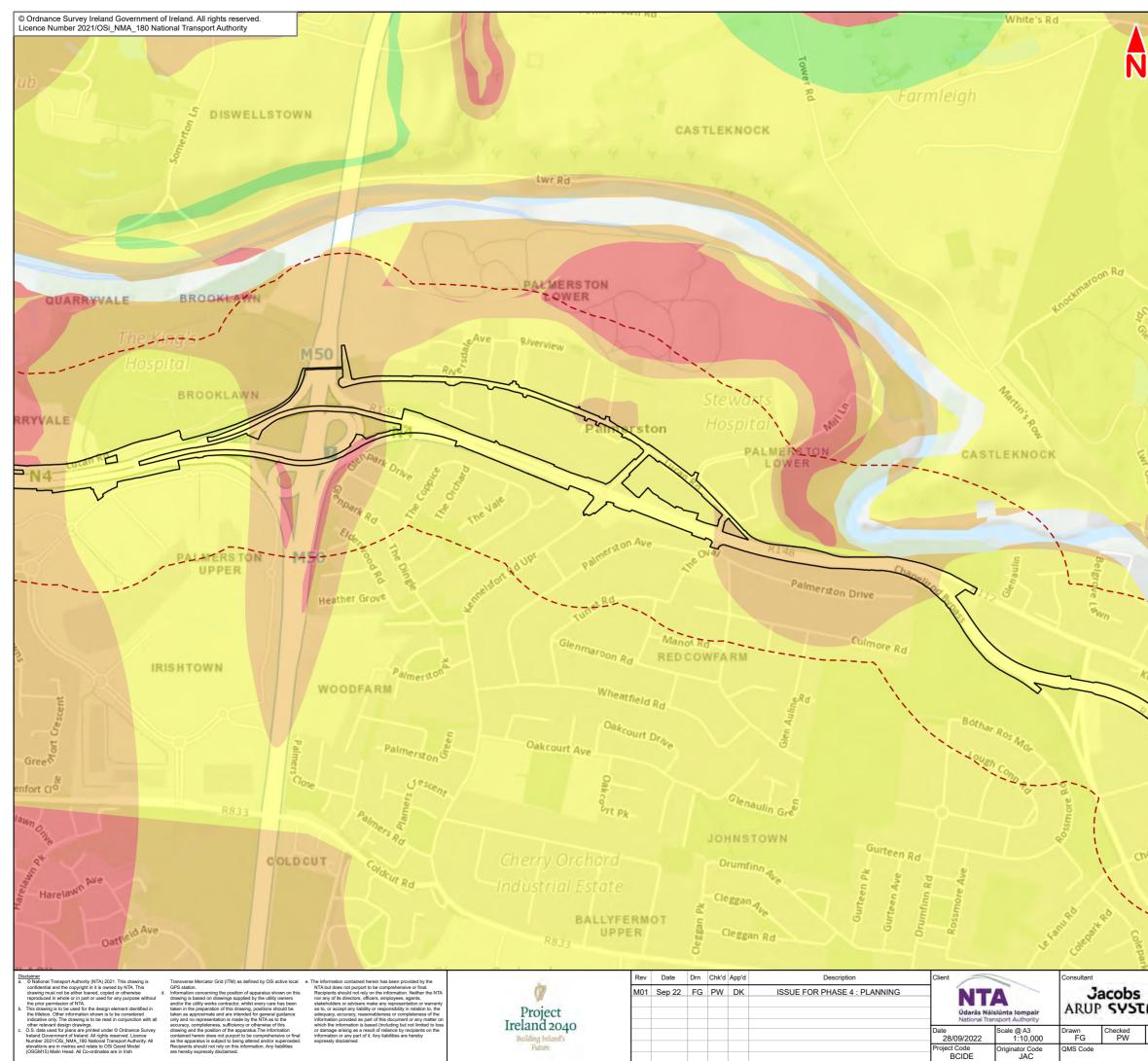
14.12 Crushed Rock Aggregate Potential





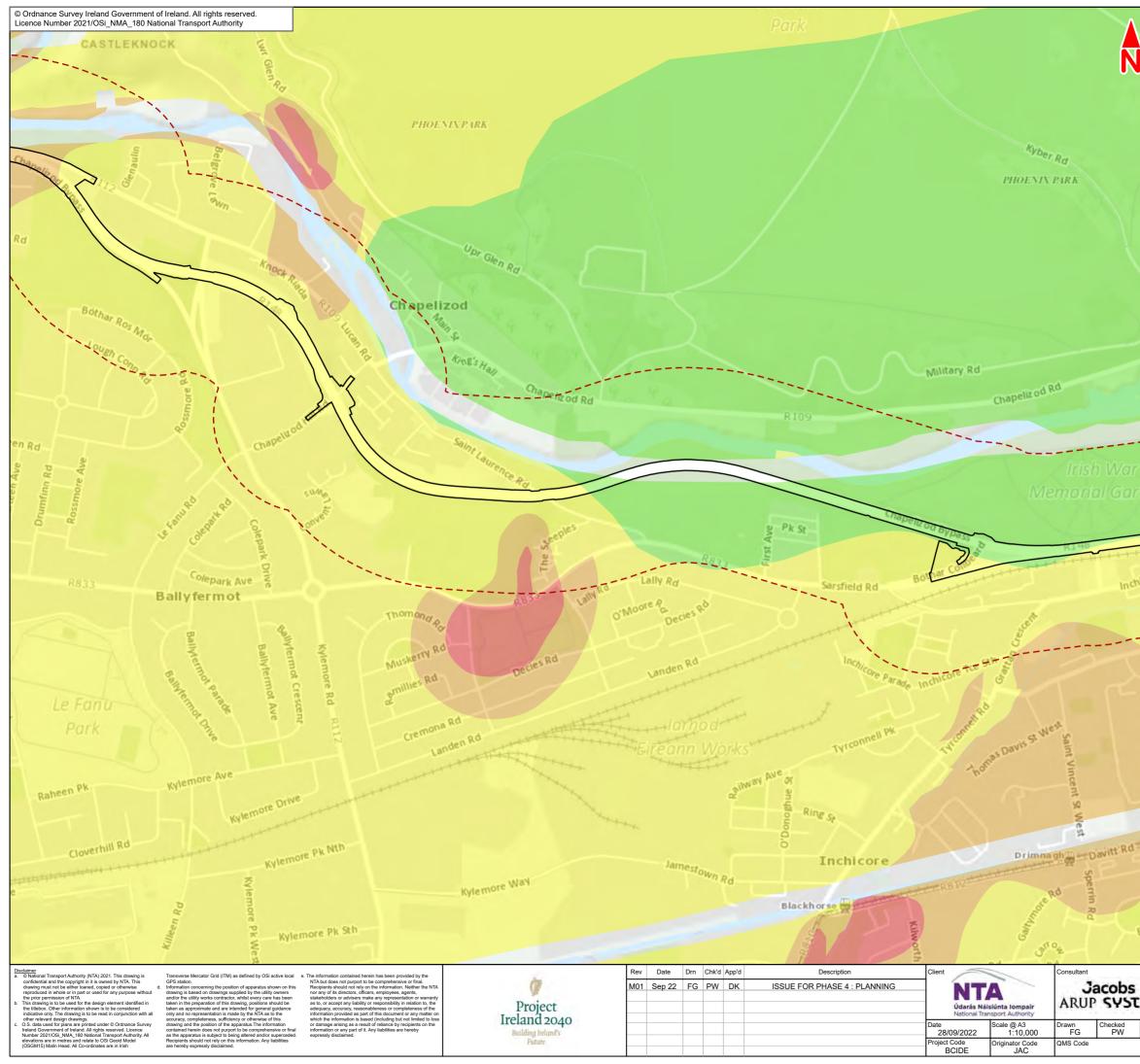


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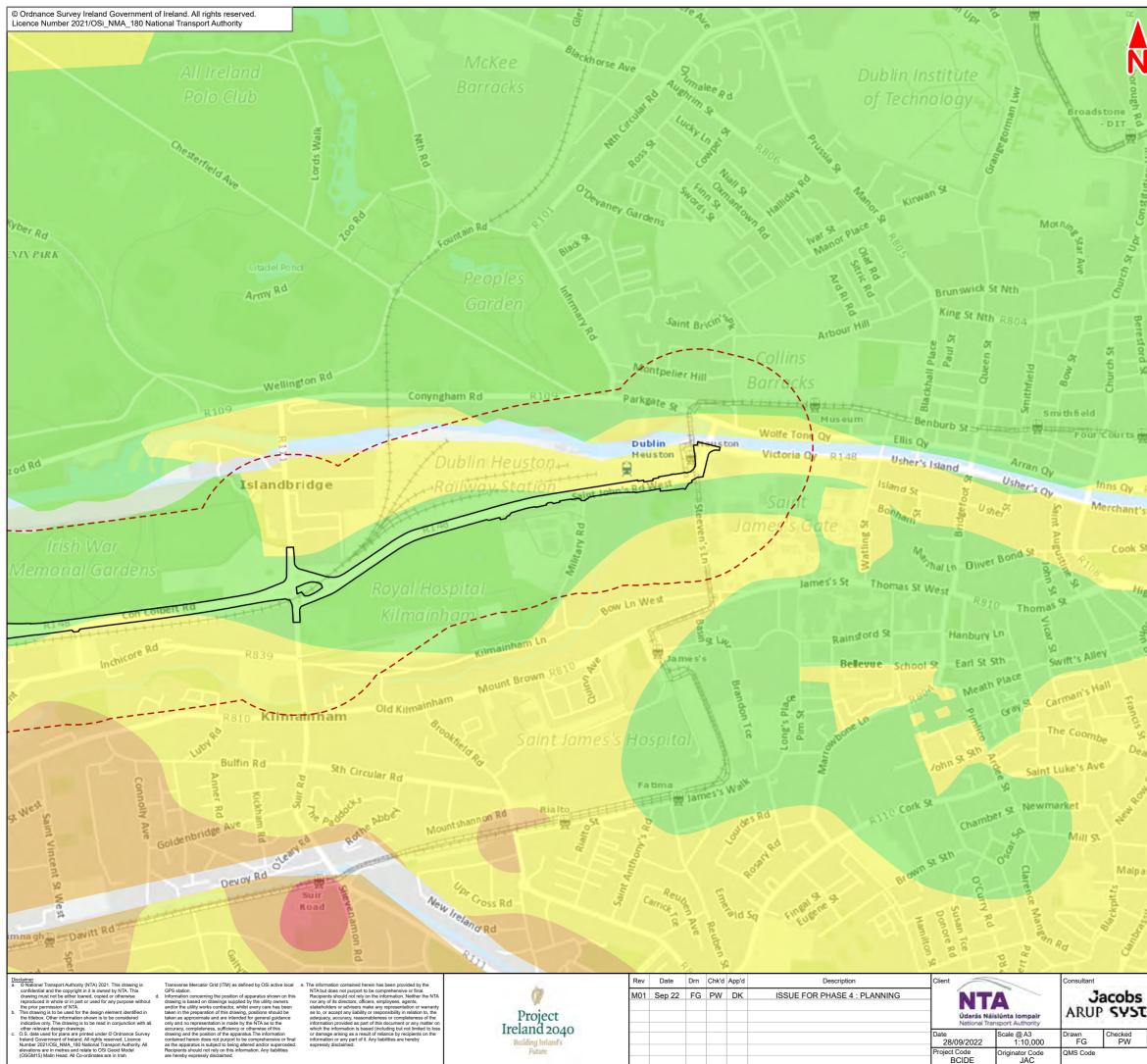


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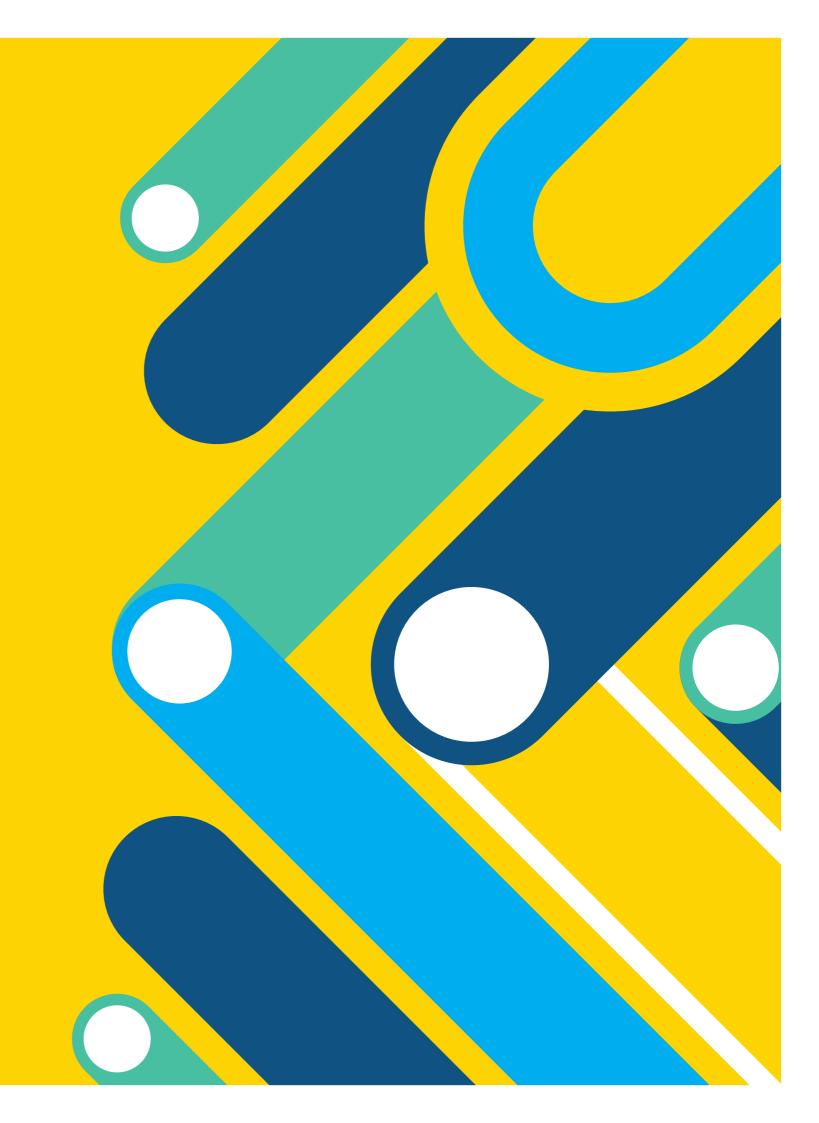
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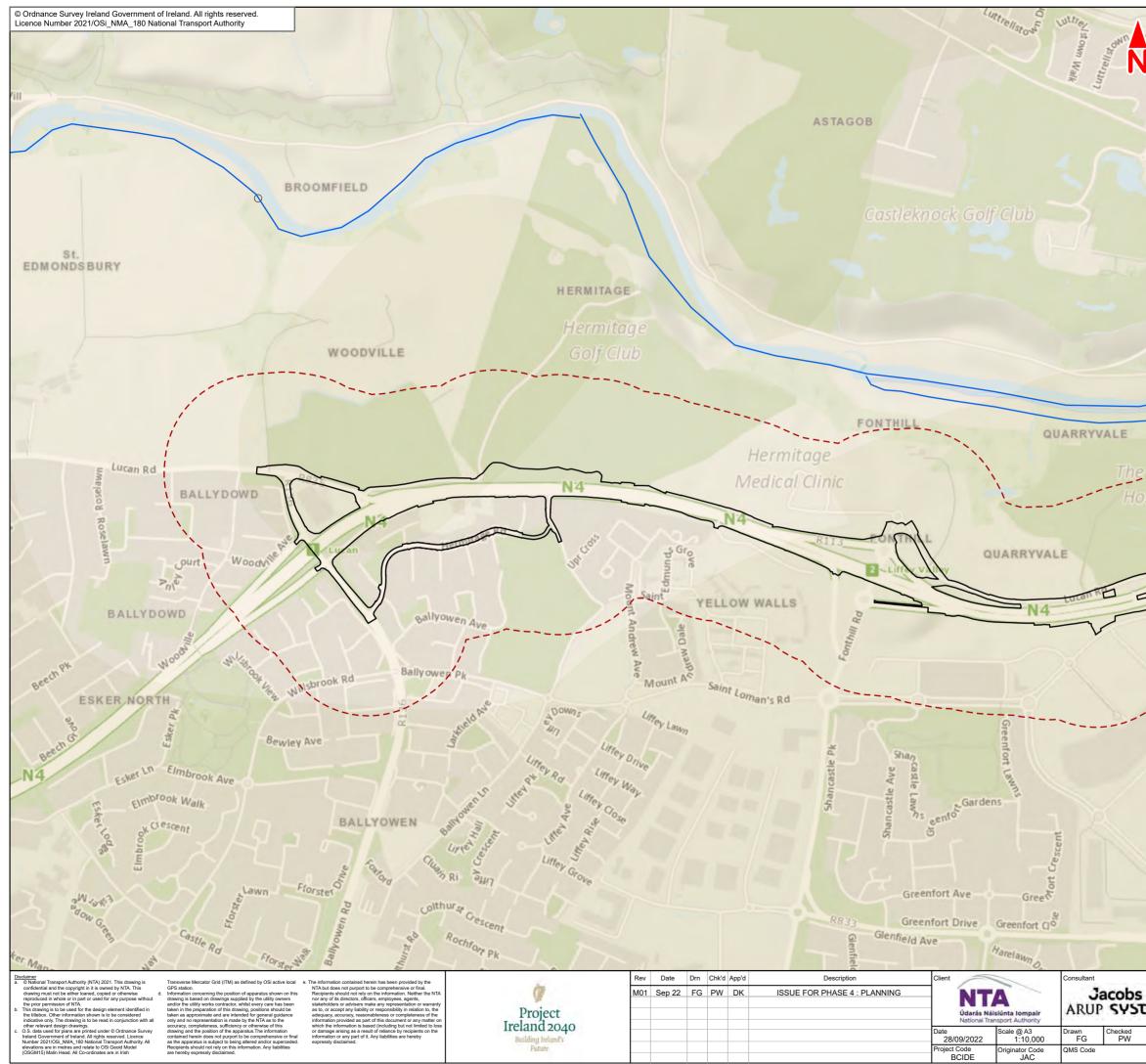


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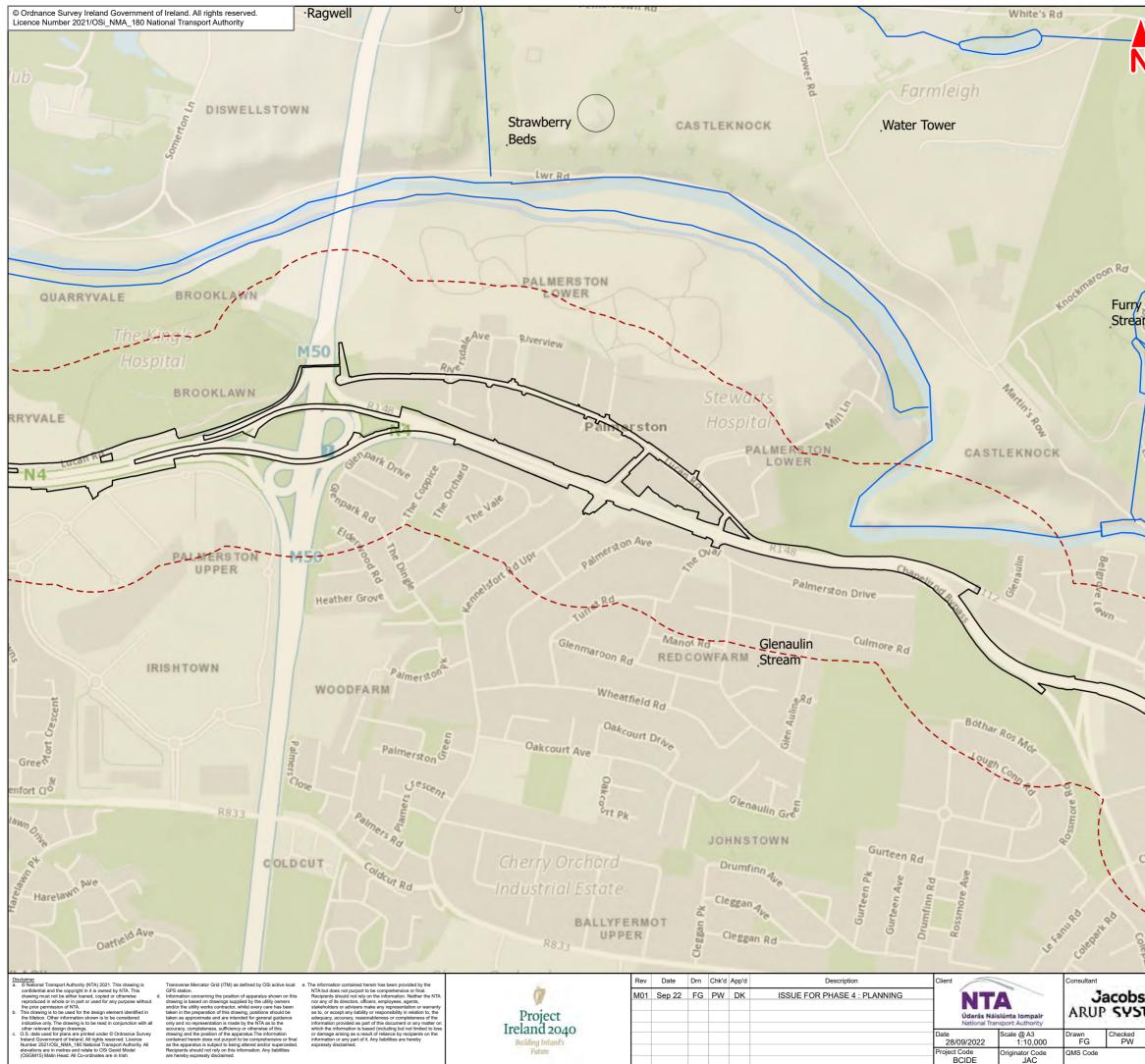
14.13 Aquifers



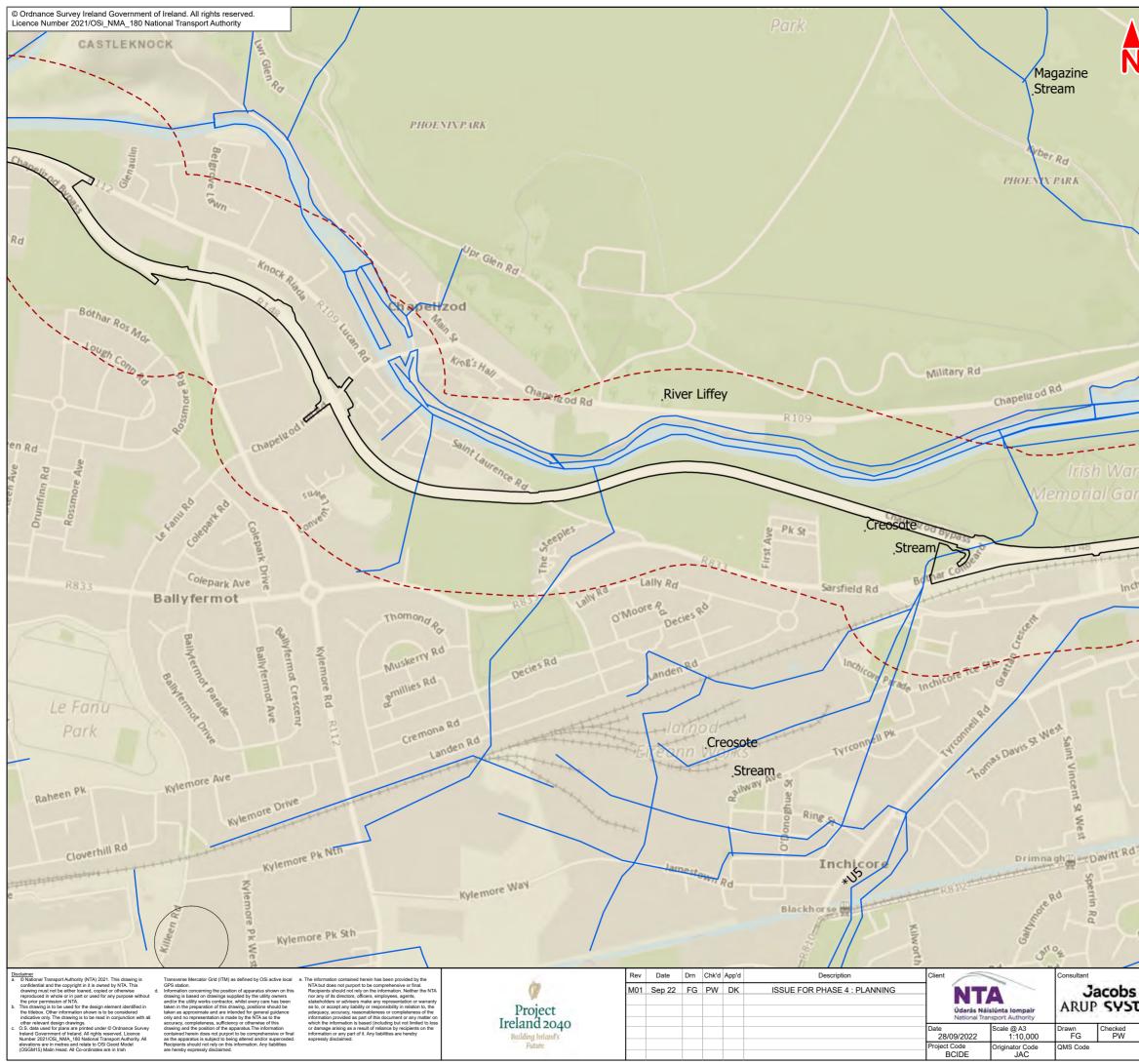




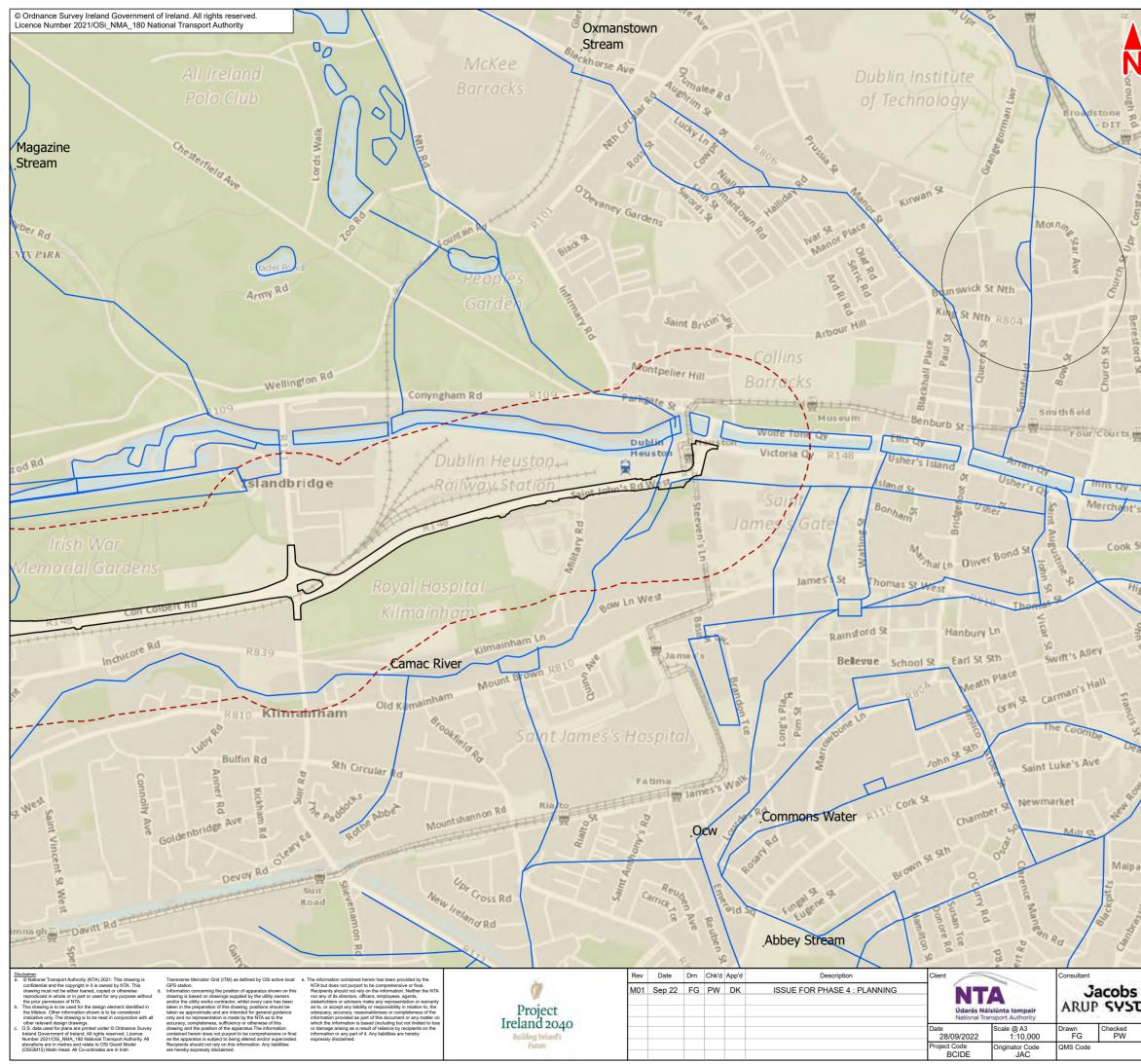
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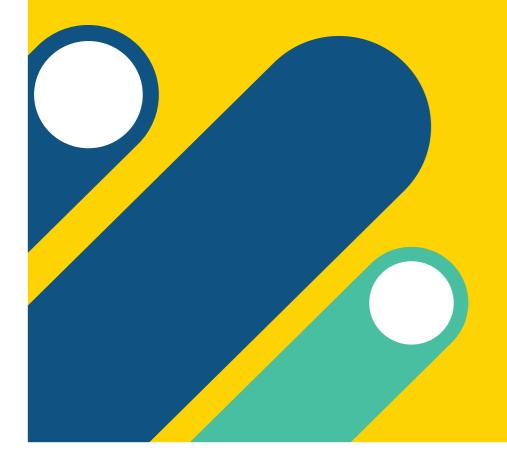


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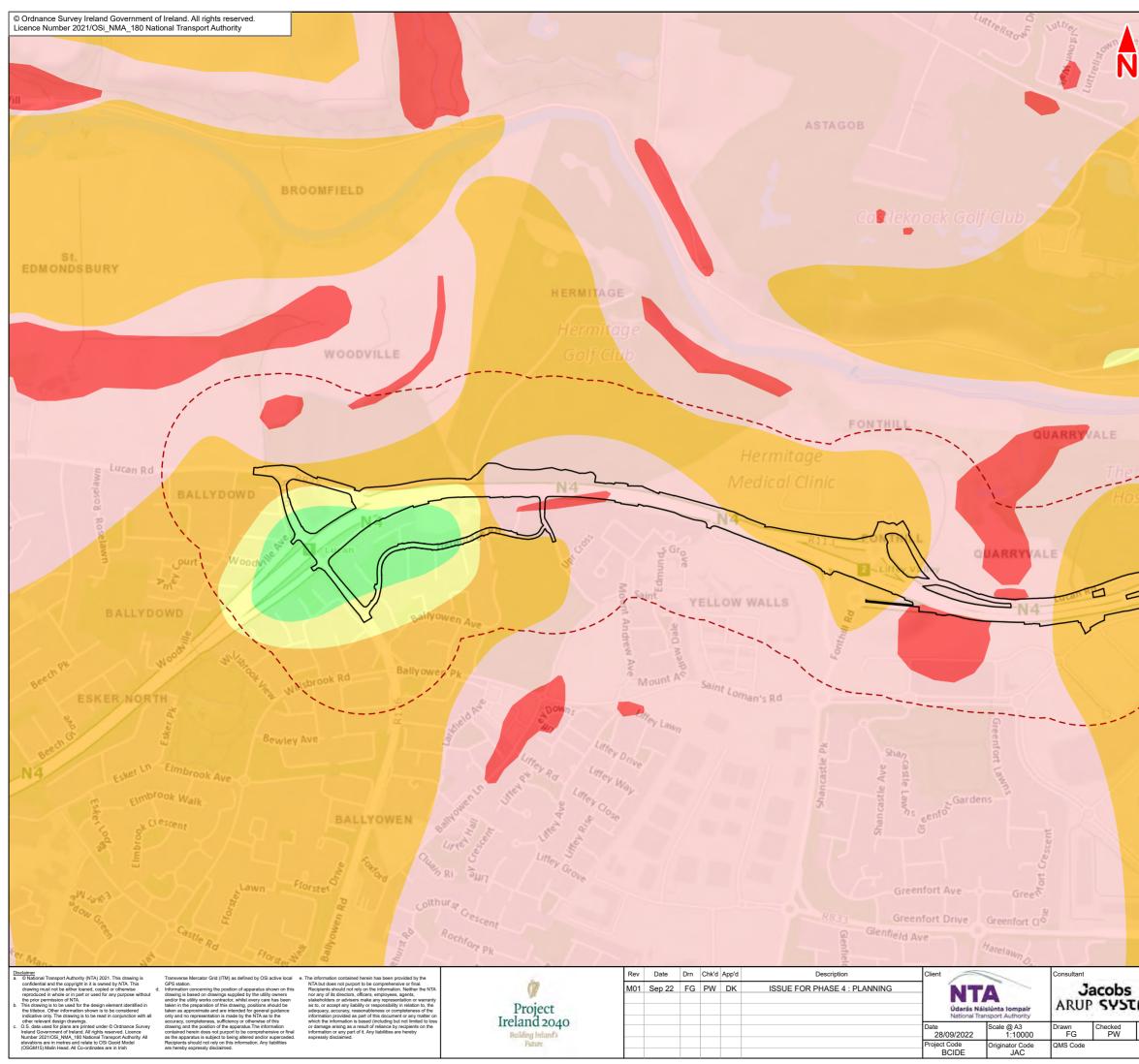


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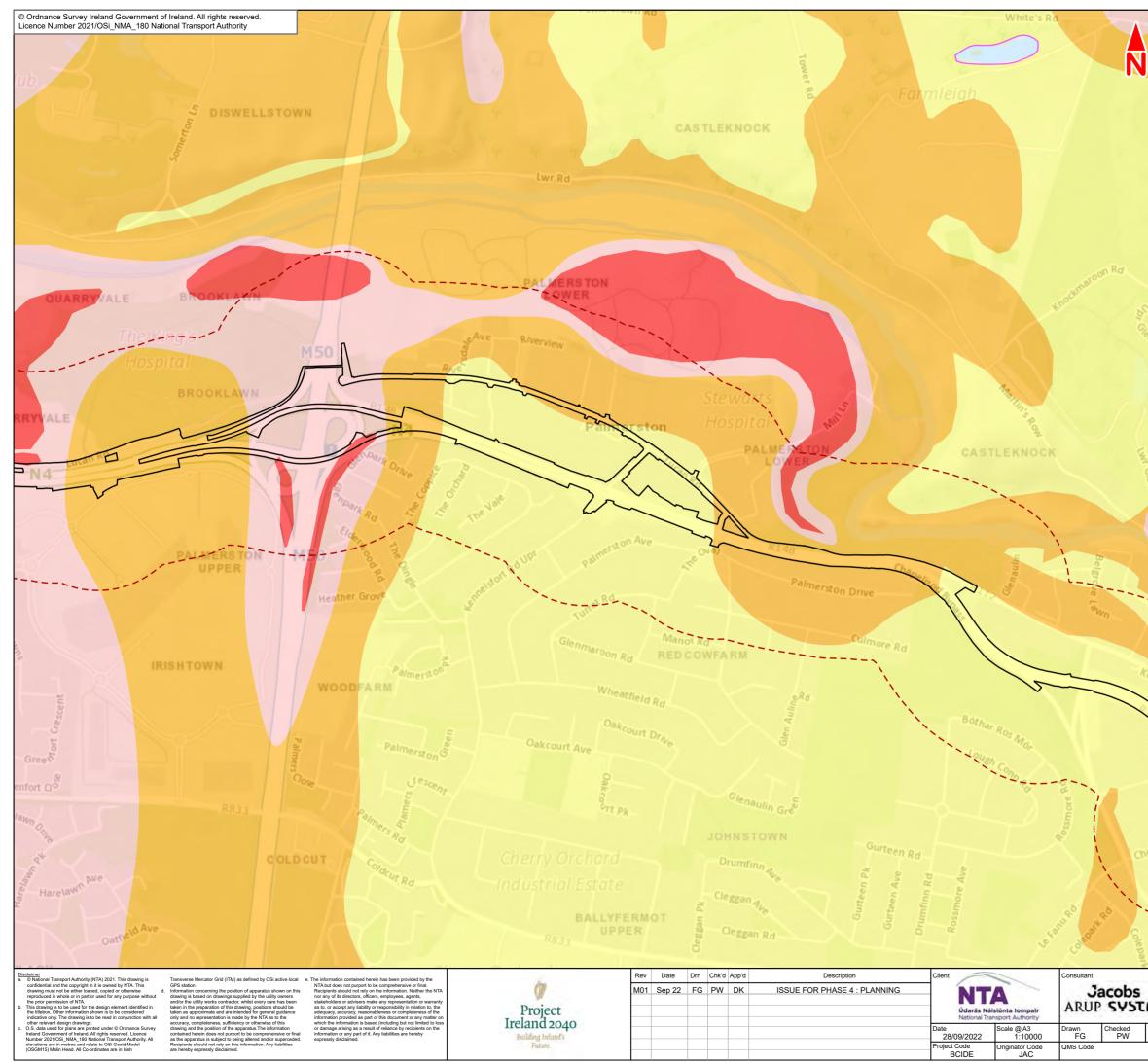
14.14 Groundwater Vulnerability





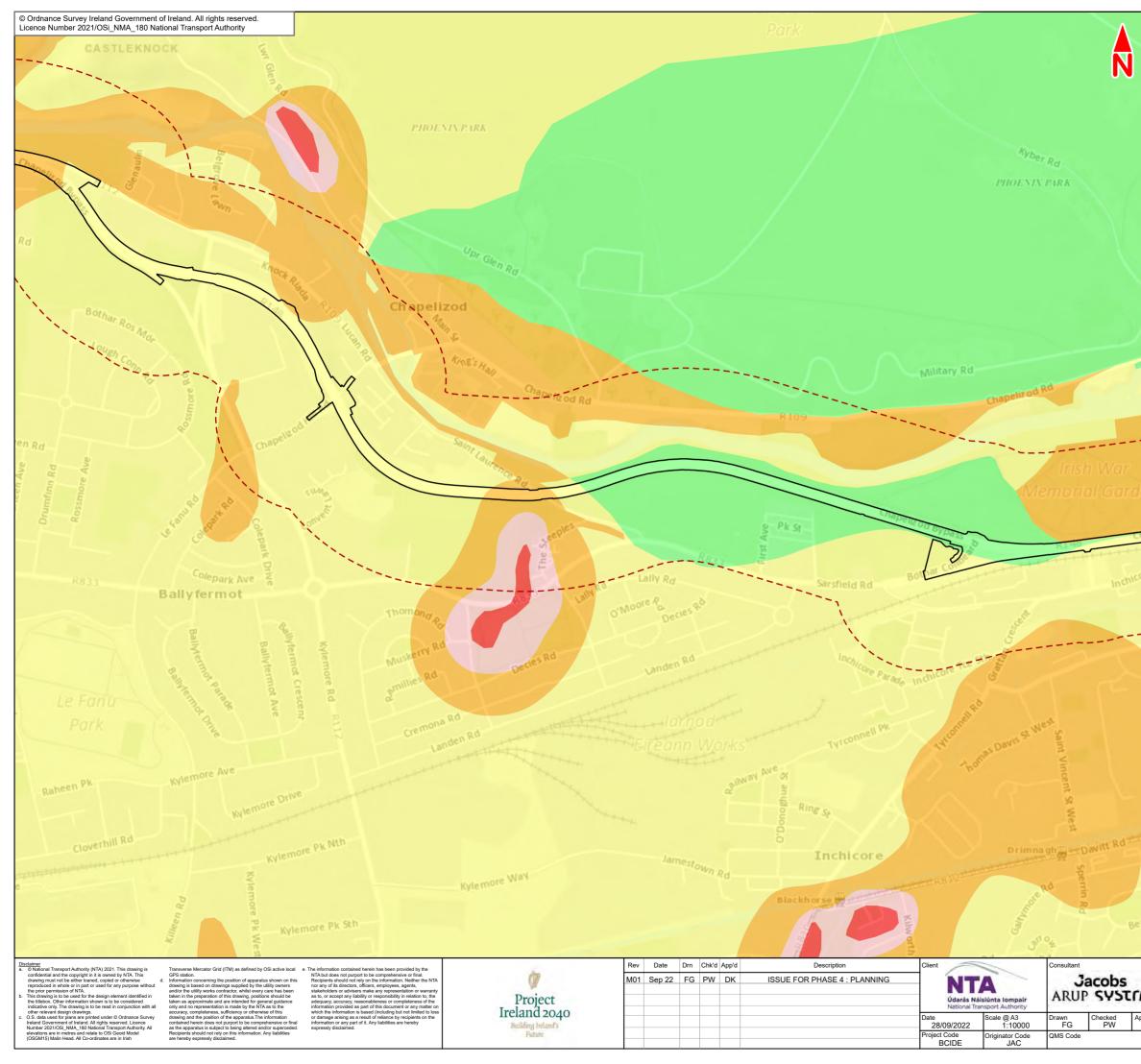


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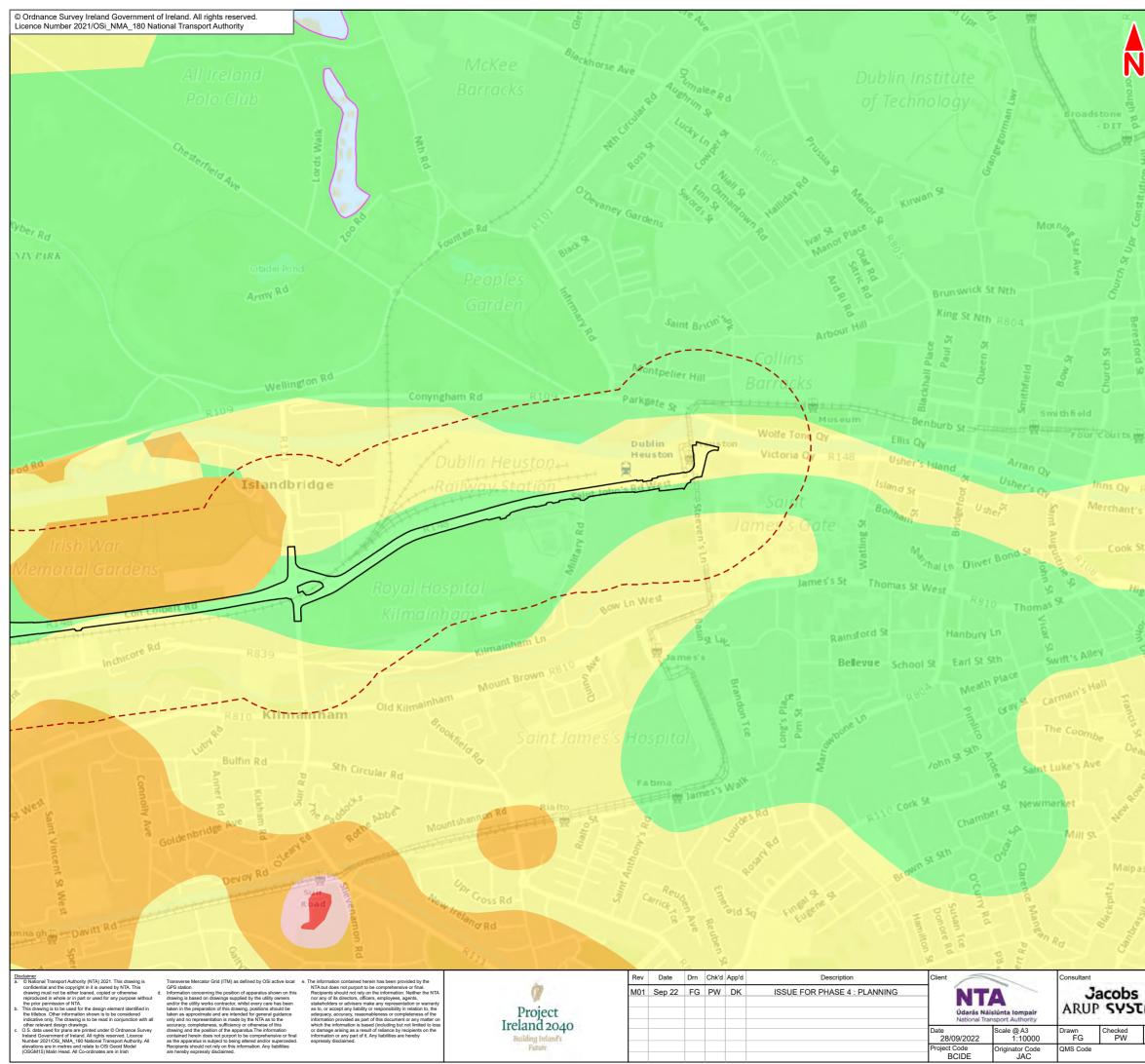
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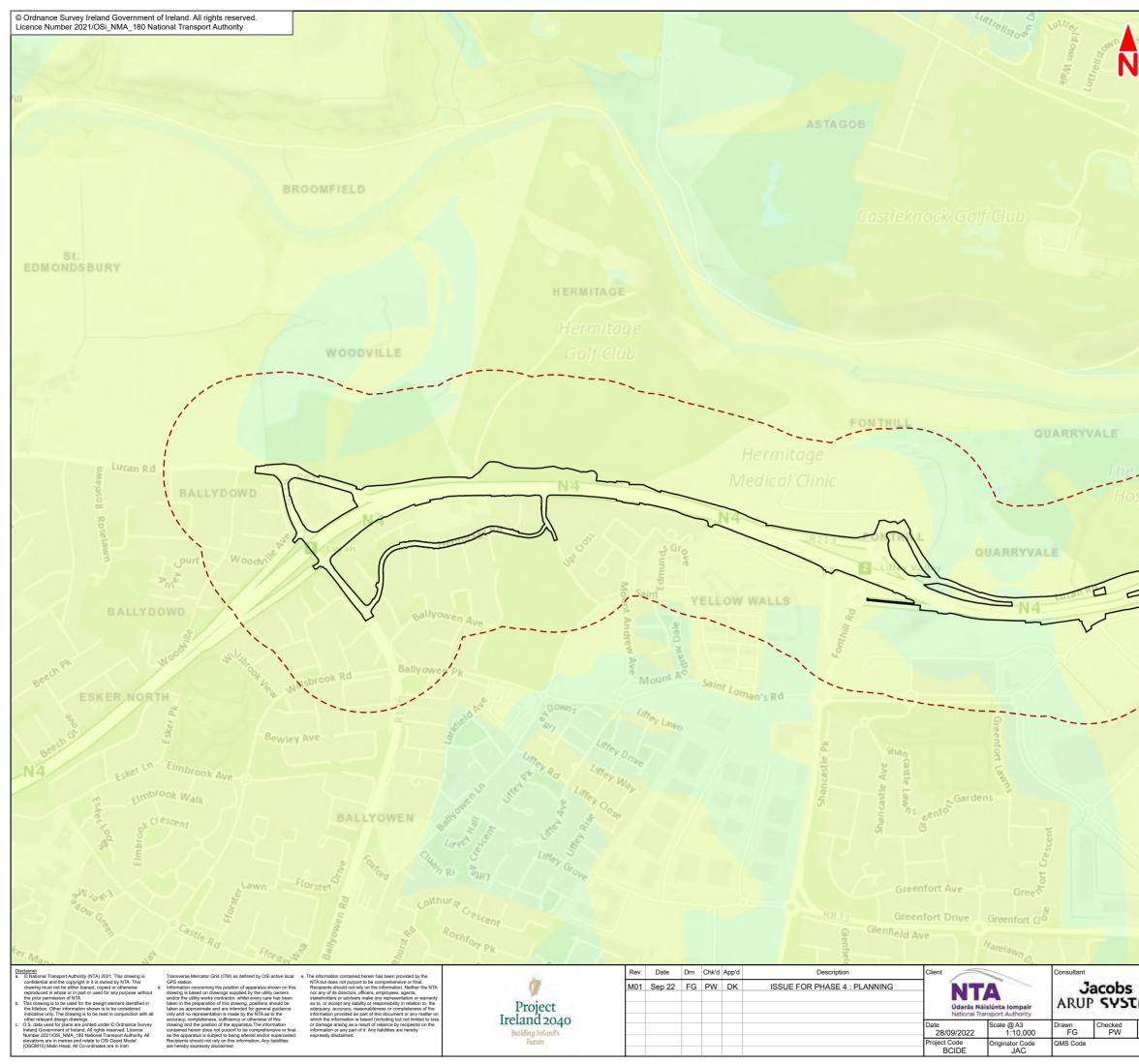


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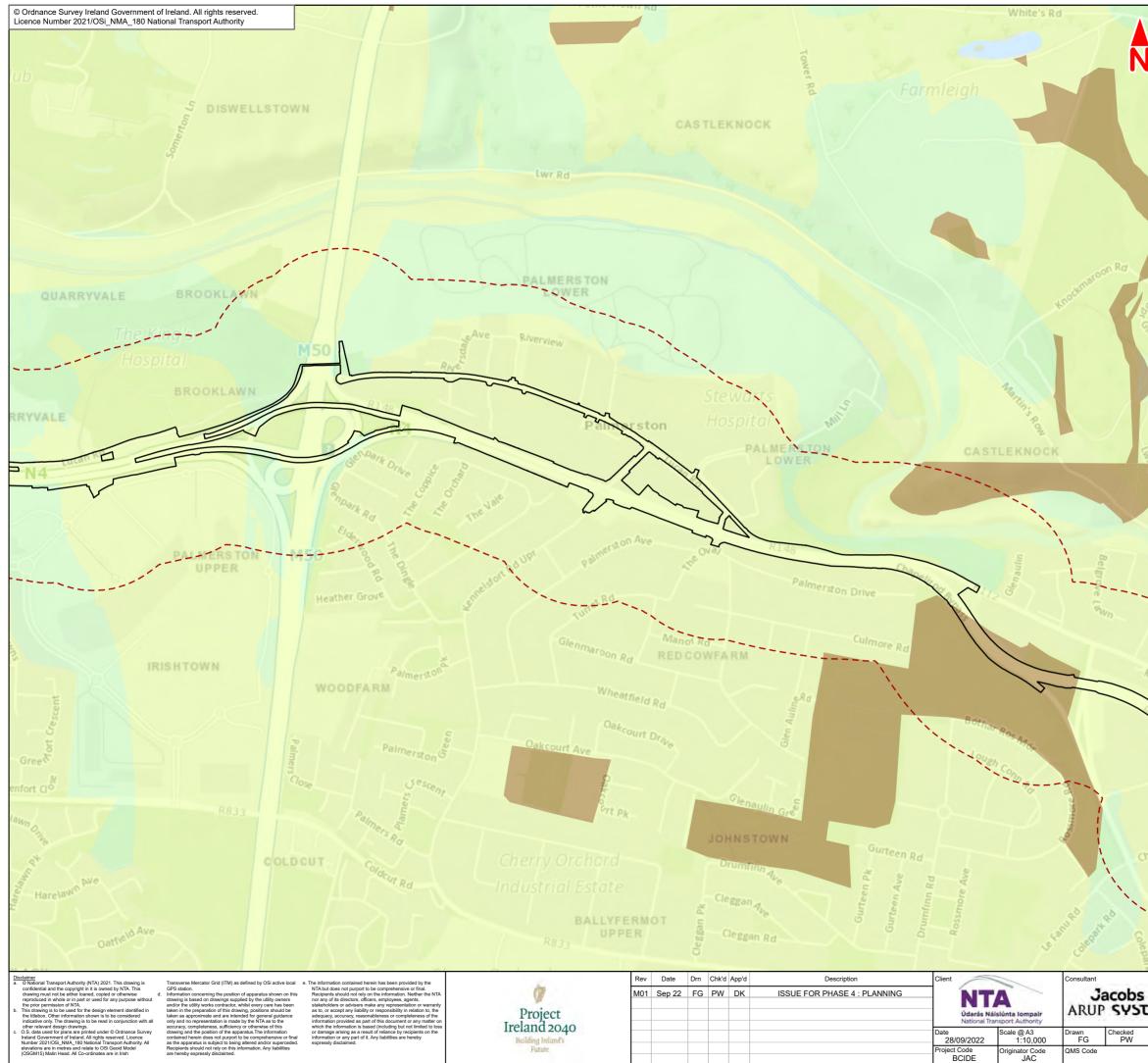
14.15 Groundwater Recharge





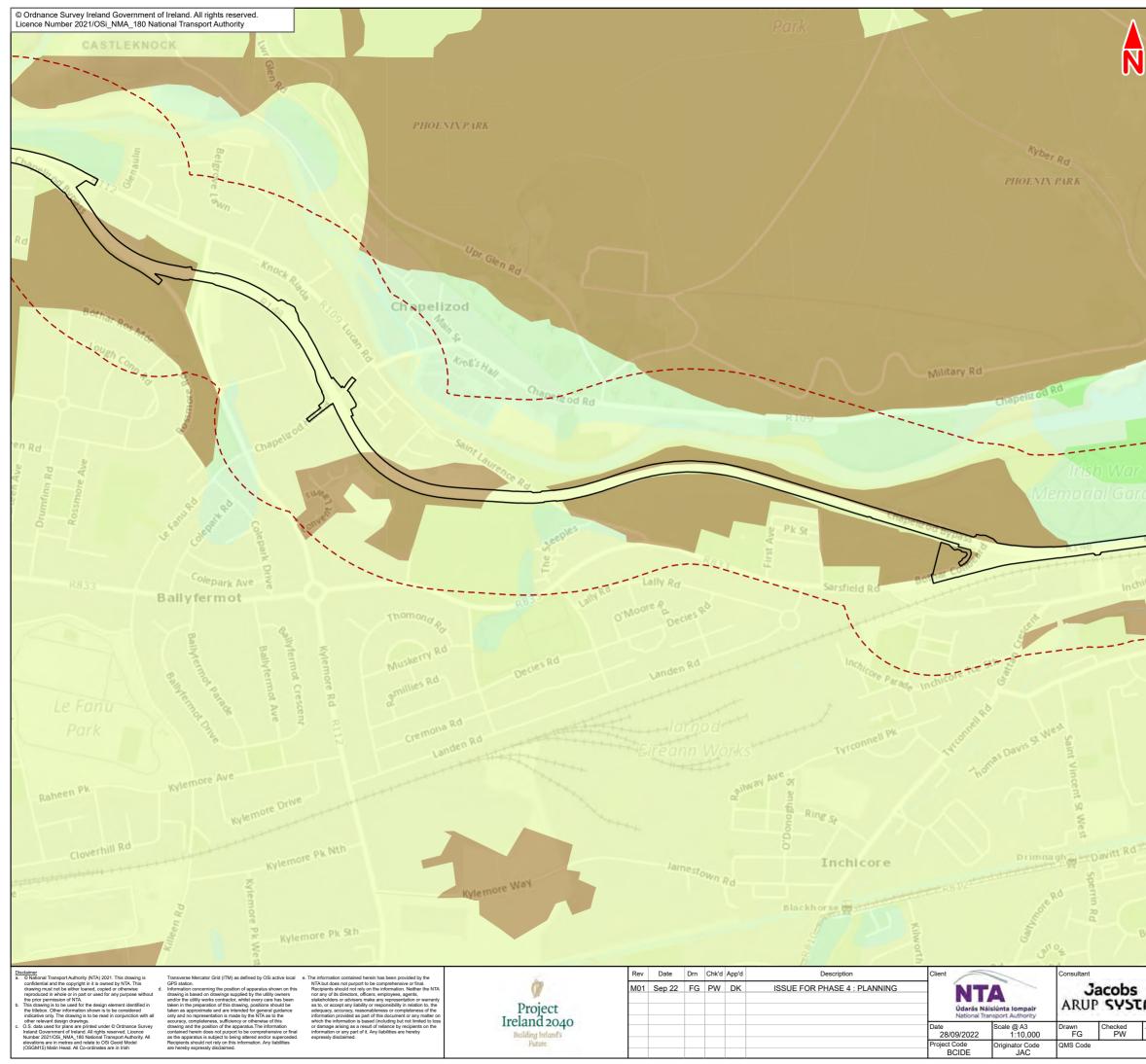


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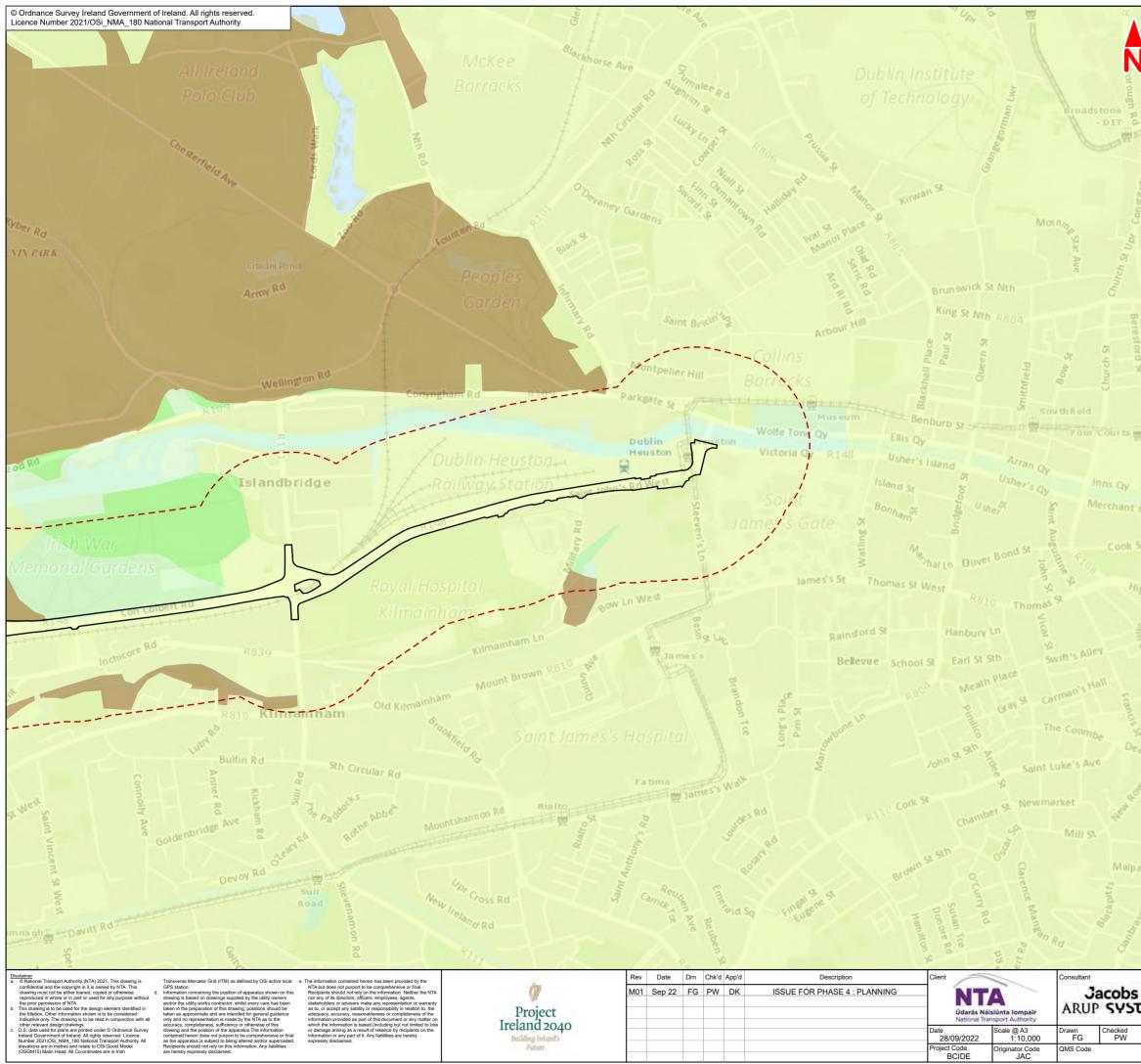


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