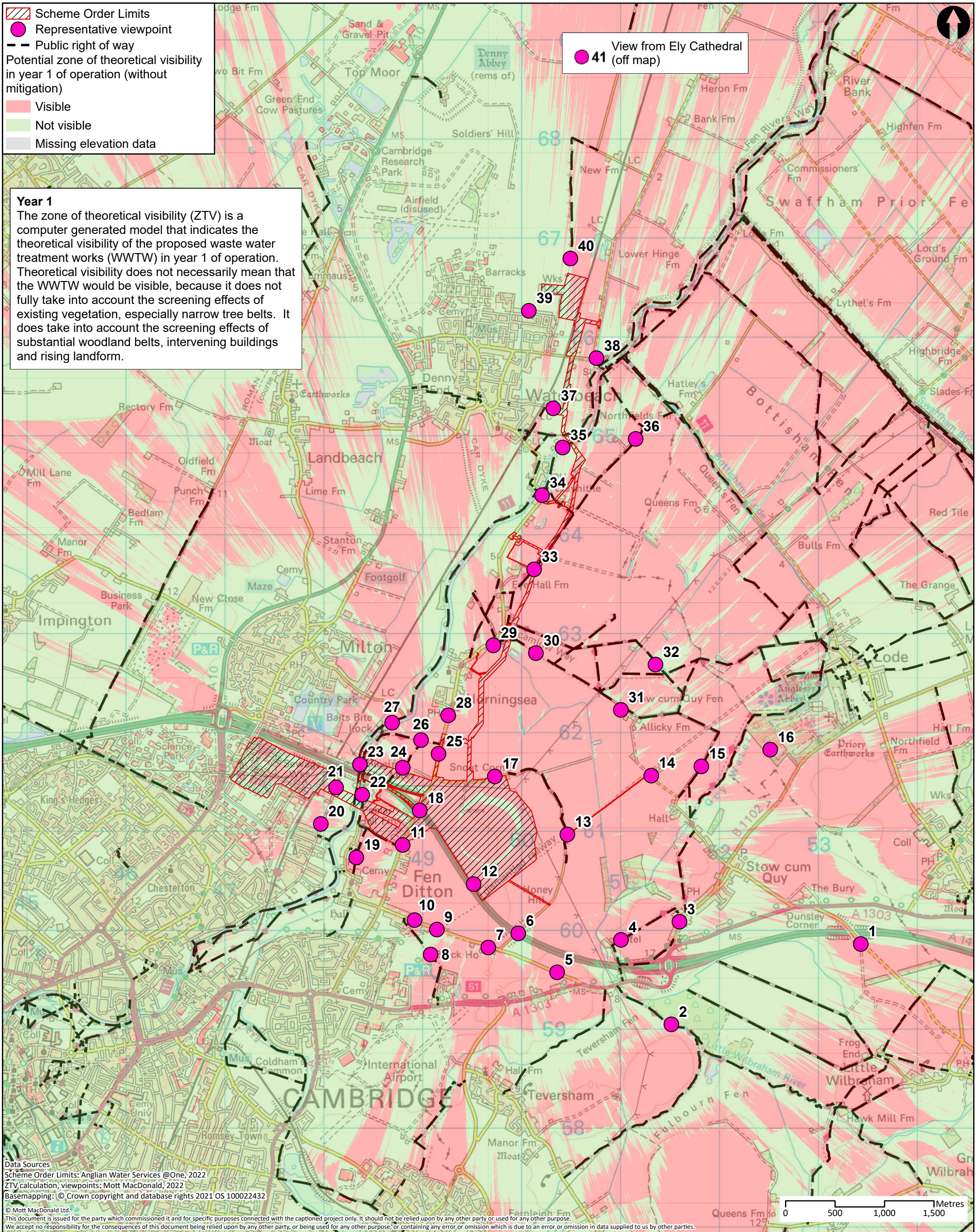


Cambridge Waste Water Treatment Plant Relocation Project
Anglian Water Services Limited

Book of Figures – Landscape and Visual Amenity







Application Document Reference: 5.3.15
PINS Project Reference: WW010003
APFP Regulation No. 5(2)a



Year 1
 The zone of theoretical visibility (ZTV) is a computer generated model that indicates the theoretical visibility of the proposed waste water treatment works (WWTW) in year 1 of operation. Theoretical visibility does not necessarily mean that the WWTW would be visible, because it does not fully take into account the screening effects of existing vegetation, especially narrow tree belts. It does take into account the screening effects of substantial woodland belts, intervening buildings and rising landform.

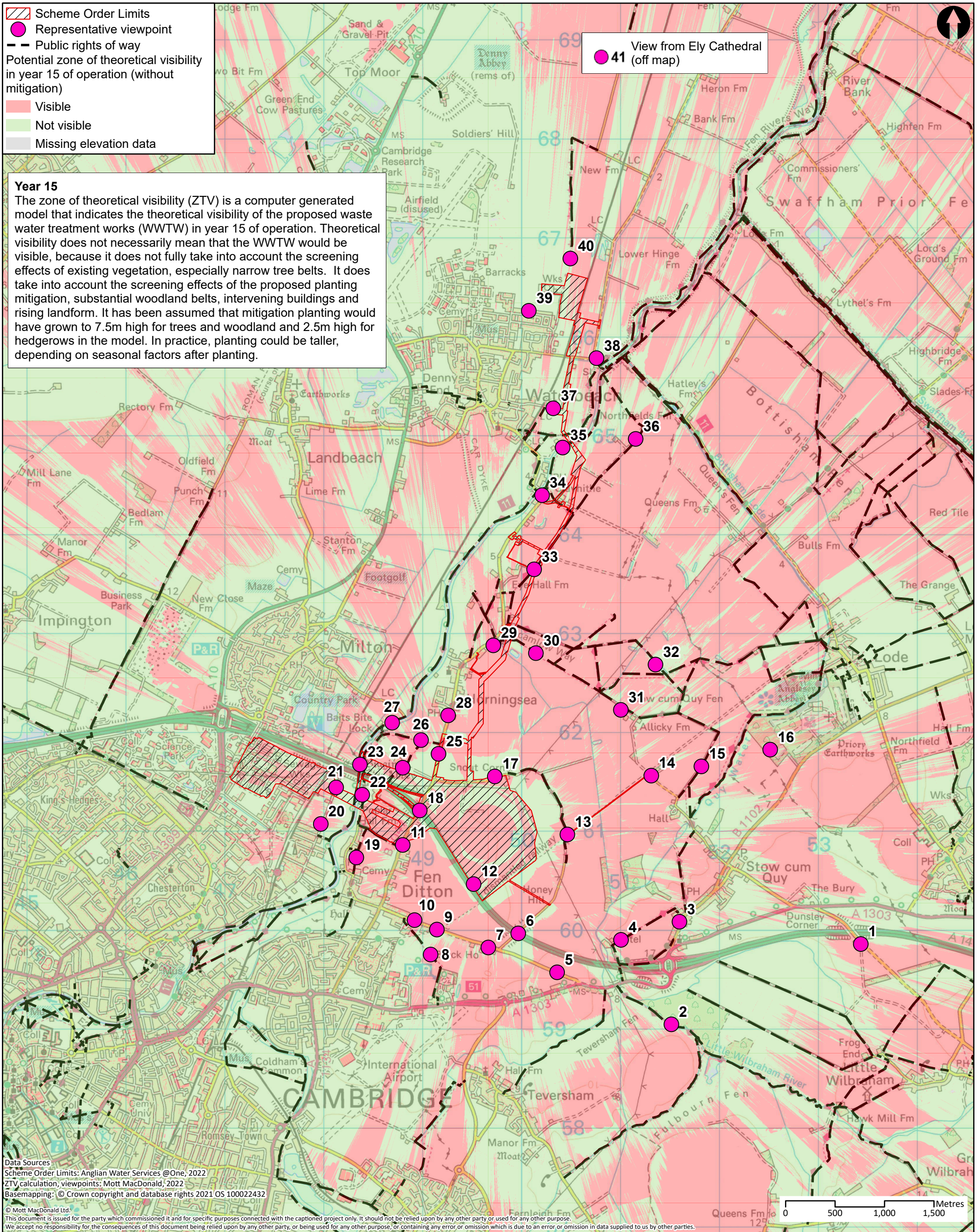
Data Sources
 Scheme Order Limits: Anglian Water Services @One, 2022
 ZTV calculation, viewpoints: Mott MacDonald, 2022
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 MOTT MACDONALD 22 Station Road Cambridge CB1 2JD United Kingdom T +44 (0)20 8774 2000 F +44 (0)20 8681 5706 W mottmac.com	Client 					Title Cambridge Waste Water Treatment Plant Relocation Project Environmental Statement Zone of theoretical visibility in year 1 of operation			Drawn JB												
	<table border="1"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Drawn</th> <th>Description</th> <th>Ch'k'd</th> <th>App'd</th> </tr> </thead> <tbody> <tr> <td>P1</td> <td>07/11/22</td> <td>JB</td> <td>First Draft</td> <td>PR</td> <td>CS</td> </tr> </tbody> </table>					Rev	Date	Drawn	Description	Ch'k'd	App'd	P1	07/11/22	JB	First Draft	PR	CS	Drawing Number Figure 15.1			Checked PR
Rev	Date	Drawn	Description	Ch'k'd	App'd																
P1	07/11/22	JB	First Draft	PR	CS																
						Approved CS			Scale at A3 1:35,000												
						Security STD		Status PRE		Rev P1											

 Scheme Order Limits
 Representative viewpoint
 Public rights of way
 Potential zone of theoretical visibility in year 15 of operation (without mitigation)
 Visible
 Not visible
 Missing elevation data

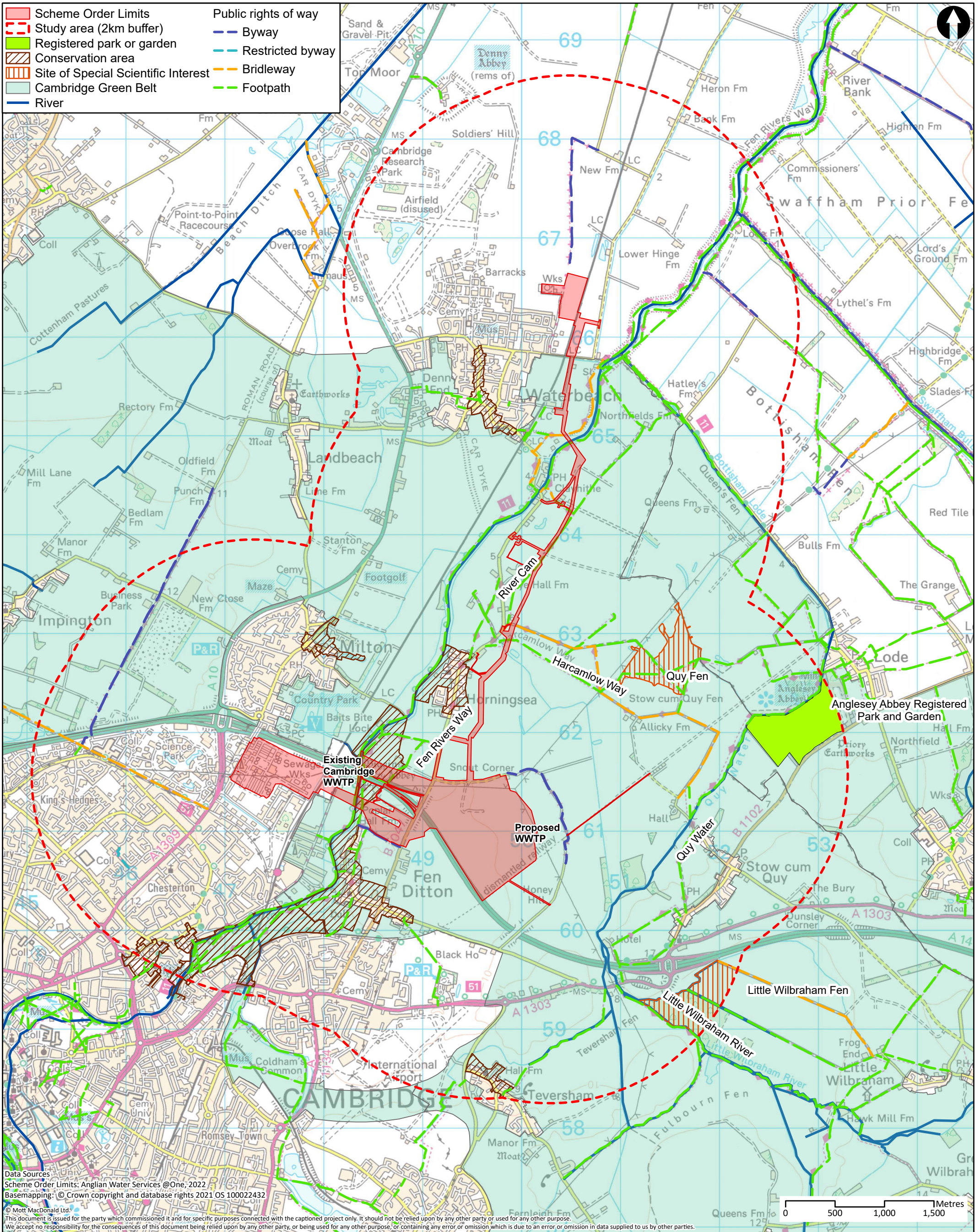
Year 15

The zone of theoretical visibility (ZTV) is a computer generated model that indicates the theoretical visibility of the proposed waste water treatment works (WWTW) in year 15 of operation. Theoretical visibility does not necessarily mean that the WWTW would be visible, because it does not fully take into account the screening effects of existing vegetation, especially narrow tree belts. It does take into account the screening effects of the proposed planting mitigation, substantial woodland belts, intervening buildings and rising landform. It has been assumed that mitigation planting would have grown to 7.5m high for trees and woodland and 2.5m high for hedgerows in the model. In practice, planting could be taller, depending on seasonal factors after planting.



Data Sources
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	<table border="1"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Drawn</th> <th>Description</th> <th>Ch'k'd</th> <th>App'd</th> </tr> </thead> <tbody> <tr> <td>P1</td> <td>07/11/22</td> <td>JB</td> <td>First Draft</td> <td>PR</td> <td>CS</td> </tr> </tbody> </table>	Rev	Date	Drawn	Description	Ch'k'd	App'd	P1	07/11/22	JB	First Draft	PR	CS								
Rev	Date	Drawn	Description	Ch'k'd	App'd																
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











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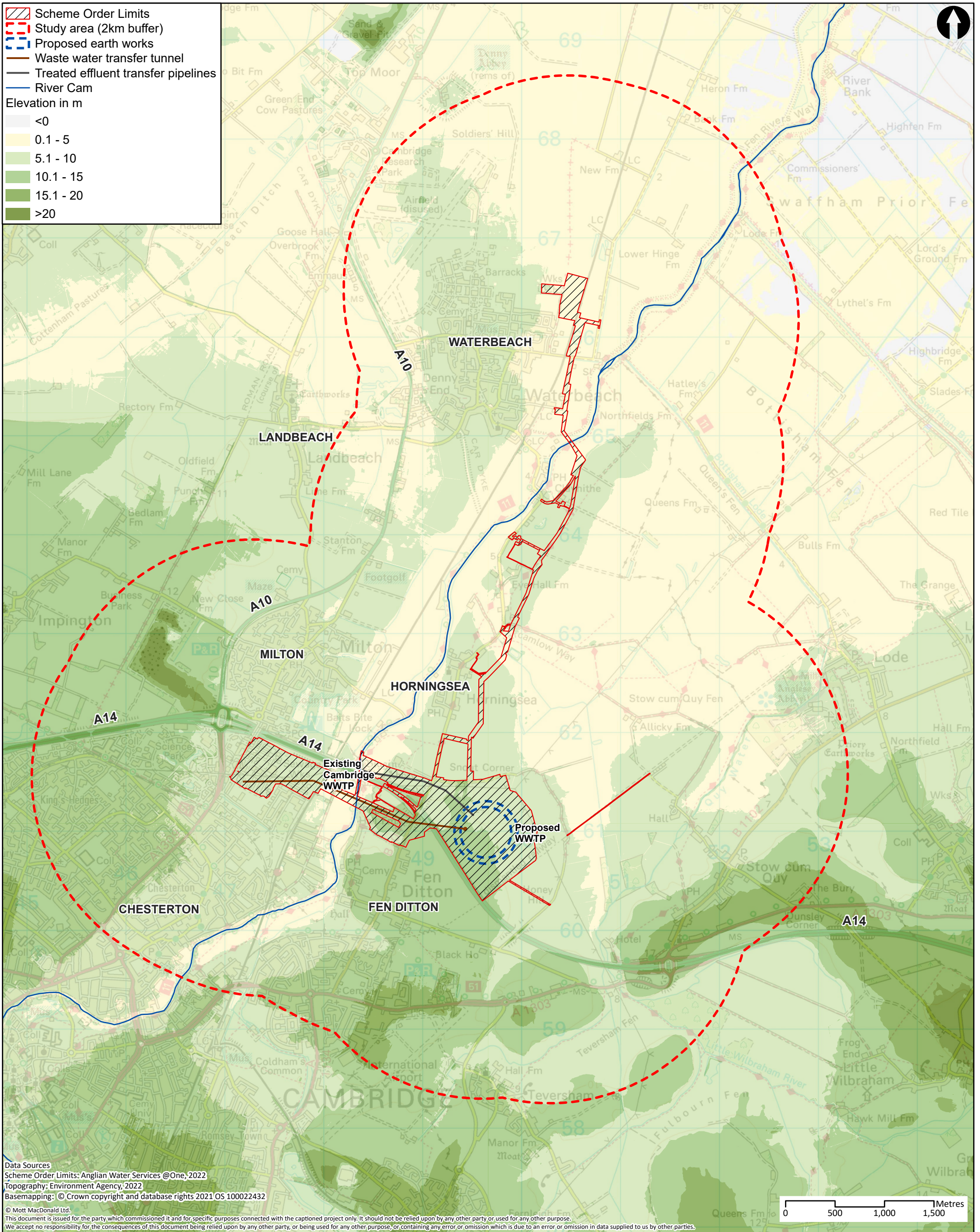
Client						
Rev	Date	Drawn	Description	Ch'k'd	App'd	
P1	07/11/22	JB	First Draft	PR	CS	

Title
 Cambridge Waste Water Treatment Plant
 Relocation Project
 Environmental Statement
 Designated landscape, ecological and
 heritage features and public rights of way

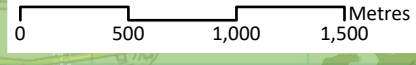
Drawing Number
 Figure 15.3

Drawn	JB	
Checked	PR	
Approved	CS	
Scale at A3	1:35,000	
Security	Status	Rev
STD	PRE	P1

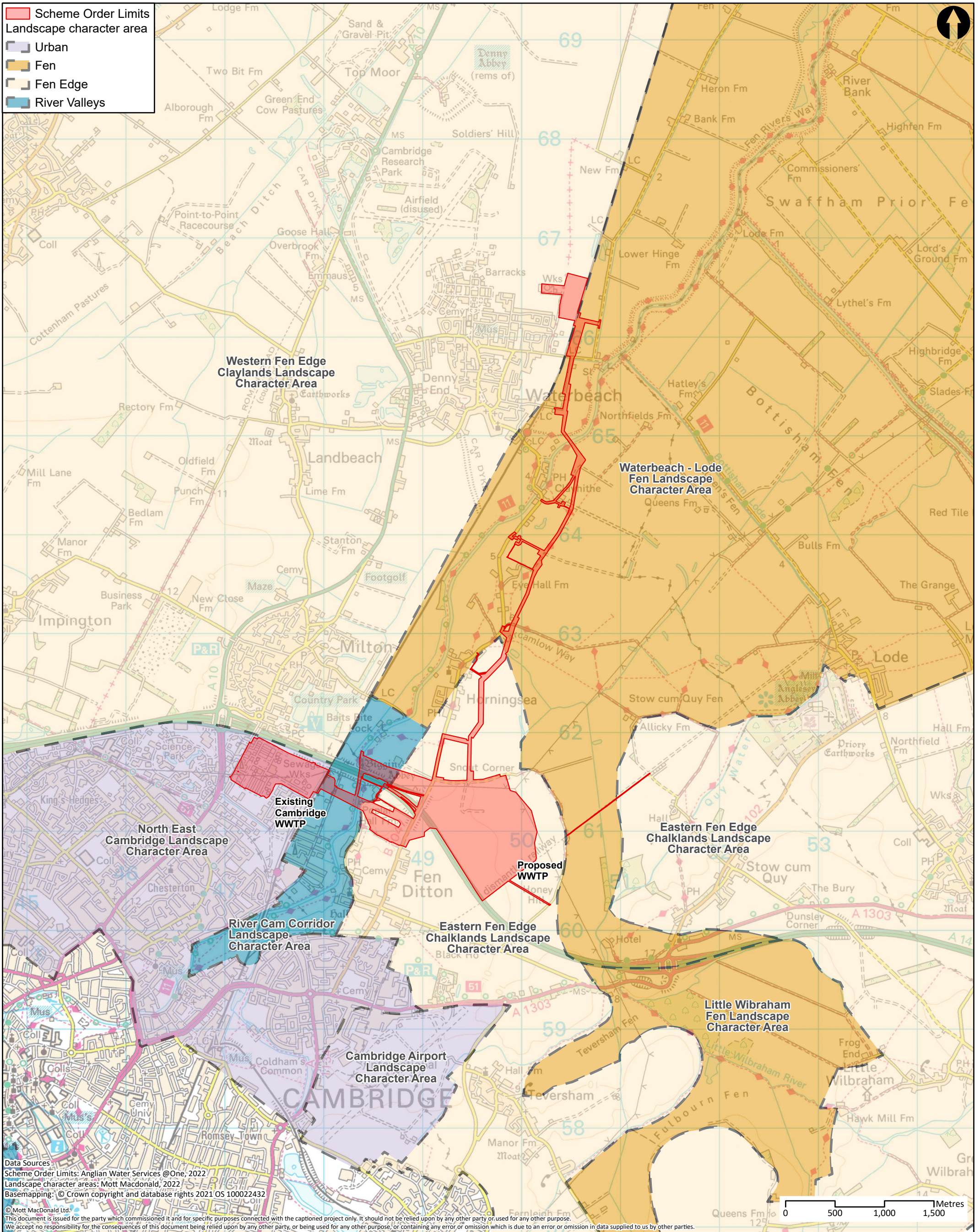
 Scheme Order Limits
 Study area (2km buffer)
 Proposed earth works
 Waste water transfer tunnel
 Treated effluent transfer pipelines
 River Cam
 Elevation in m
 <0
 0.1 - 5
 5.1 - 10
 10.1 - 15
 15.1 - 20
 >20



Data Sources
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 Topography: Environment Agency, 2022
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	<table border="1"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Drawn</th> <th>Description</th> <th>Ch'k'd</th> <th>App'd</th> </tr> </thead> <tbody> <tr> <td>P1</td> <td>07/11/22</td> <td>JB</td> <td>First Draft</td> <td>PR</td> <td>CS</td> </tr> </tbody> </table>					Rev	Date	Drawn	Description	Ch'k'd	App'd	P1	07/11/22	JB	First Draft	PR	CS	Checked PR			Approved CS
	Rev	Date	Drawn	Description	Ch'k'd	App'd															
P1	07/11/22	JB	First Draft	PR	CS																
Drawing Number Figure 15.4					Scale at A3 1:35,000			Security STD													
								Status PRE													
								Rev P1													



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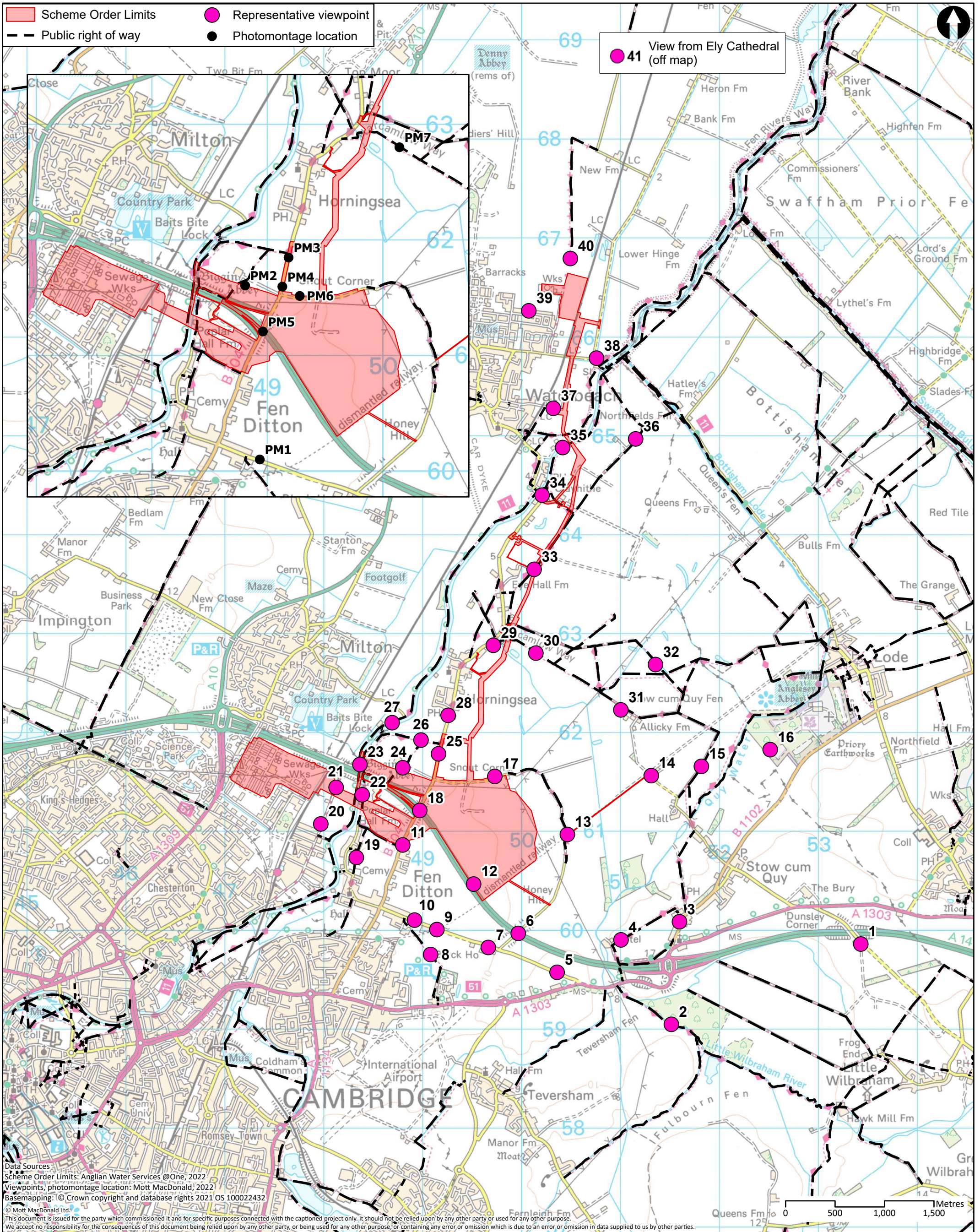
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Rev	Date	Drawn	Description	Ch'k'd	App'd
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Title
 Cambridge Waste Water Treatment Plant
 Relocation Project
 Environmental Statement
 Landscape character areas

Drawing Number
 Figure 15.5

Drawn	JB	
Checked	PR	
Approved	CS	
Scale at A3 1:35,000		
Security	Status	Rev
STD	PRE	P1



Data Sources:
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 Viewpoints, photomontage location: Mott MacDonald, 2022
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Title
 Cambridge Waste Water Treatment Plant Relocation Project
 Environmental Statement
 Representative viewpoint locations and photomontage locations

Drawing Number
 Figure 15.6

Drawn	JB	
Checked	PR	
Approved	CS	
Scale at A3	1:35,000	
Security	Status	Rev
STD	PRE	P1

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Writing to us at **Freepost: CWWTPR**



Visiting our website a 

You can view all our DCO application documents and updates on the application on The Planning Inspectorate website:

<https://infrastructure.planninginspectorate.gov.uk/projects/eastern/cambridge-waste-water-treatment-plant-relocation/>