

Cambridge Waste Water Treatment Plant Relocation Project
Anglian Water Services Limited

Design Plans – Sewer Tunnel and Longitudinal Sections

Application Document Reference: 4.12
PINS Project Reference: WW010003
APFP Regulation No. 5(2)o

Revision No. 01
April 2023

Document title	Design Plans - Sewer Tunnel & Longitudinal Section
Version No.	C01
Date Approved	28.01.23
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Version History

Version	Date	Author	Description of change
C01	30.01.23	-	DCO Submission



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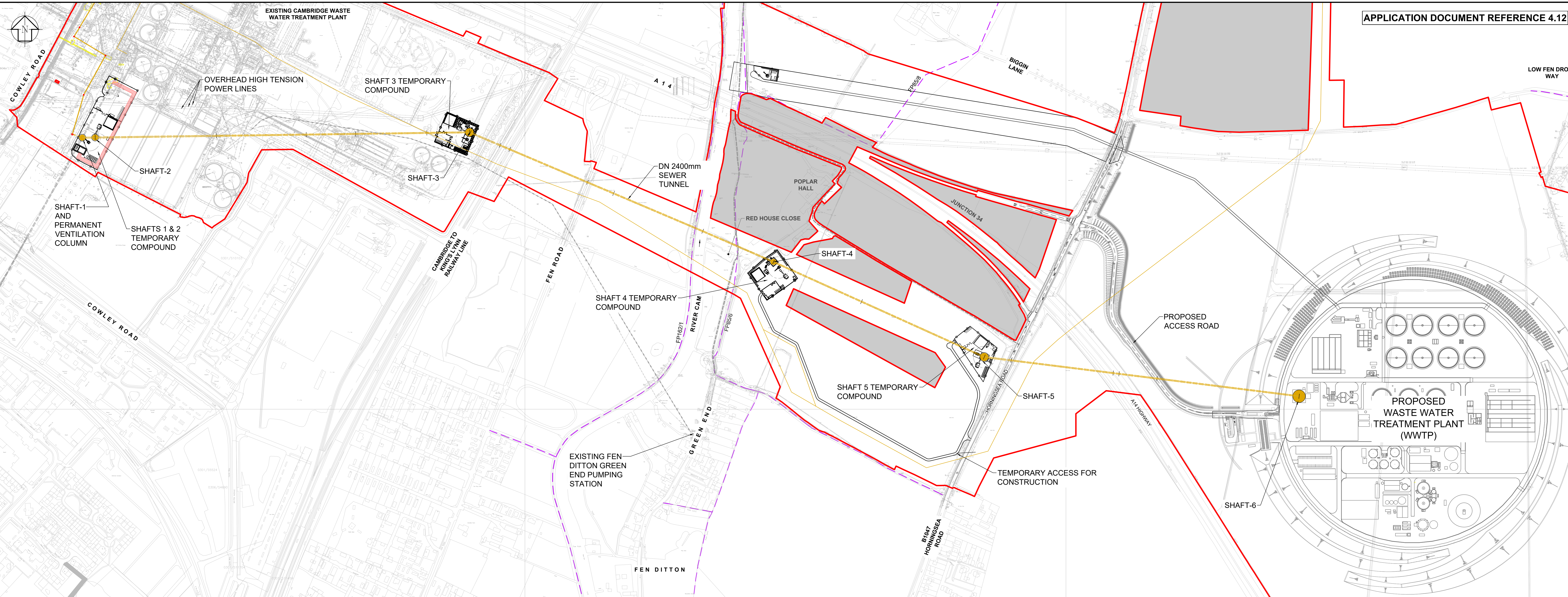
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1 Introduction

- 1.1.1 The ‘Design Plan - Sewer Tunnel & Longitudinal Section’ (the Plan), listed in Table 1.1, relates to an application made by Anglian Water Services Limited (the “Applicant”) under section 37 of the Planning Act 2008 (the “2008 Act”) for a Development Consent Order (DCO) for the Cambridge Waste Water Treatment Plant Relocation Project.
- 1.1.2 The Plan is included in the DCO application in compliance with Regulation 5(2)(o) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (the “2009 Regulations”), which require:
 - “5(2) The application must be accompanied by—*
 - (o) “any other plans, drawings and sections necessary to describe the proposals for which development consent is sought, showing details of design, external appearance, and the preferred layout of buildings or structures, drainage, surface water management, means of vehicular and pedestrian access, any car parking to be provided, and means of landscaping;”*
- 1.1.3 As this Plan is part of the application documentation, it should be read alongside and are informed by the other application documentation. In particular, these Plans should be read alongside Schedule 1 (Authorised Development) of the Draft Development Consent Order (Application Document Reference 2.1) and the Works Plans (Application Document Reference 4.3).

Table 1-1: Schedule of plans in this application document

Application Document Ref	Document Title	Drawing Number	Revision	Status
4.12	4.12 Design Plans - Sewer Tunnel & Longitudinal Section	00001-100006-CAMEST-ZZZ-LON-C-9807	CO1	S4



PLAN SCALE 1:2500

	EXISTING WWTP	EXISTING WWTP ROAD	EXISTING WWTP	EXISTING WWTP ROAD	EXISTING WWTP	DRAINAGE CHANNEL	EXISTING WWTP FORMER CHANNEL	EXISTING WWTP	EXISTING WWTP FENCE	OPEN FIELD	HEDGE FEN ROAD	CHESTERTON FEN	DITCH	UNMADE PATHWAY	UNMADE TRACK	ARABLE FIELD	ARABLE FIELD	ARABLE FIELD	ARABLE FIELD	PROPOSED WWTP	
SHAFT 1 (INTERSECTION) 9.0m INTERNAL DIAMETER																					
SHAFT 2 (RECEPTION) 9.0m INTERNAL DIAMETER																					
SHAFT 3 (DRIVE) 9.0m INTERNAL DIAMETER																					
SHAFT 4 (RECEPTION) 9.0m INTERNAL DIAMETER																					
SHAFT 5 (DRIVE) 12.5m INTERNAL DIAMETER																					
SHAFT 6 (RECEPTION AND TERMINAL) 20.0m INTERNAL DIAMETER																					
CHAINAGE (m) (APPROX.)	7.009	7.011	6.944	7.206	7.206	6.897	9.045	4.403	5.610	5.120	0.796	11.880	8.881	10.907	10.184	13.335					
EXISTING GROUND LEVEL (m) (APPROX.)	15.074	15.090	15.248	15.676	15.676	15.590	17.817	13.242	14.463	14.128	10.036	11.788	8.364	8.364	7.488	7.488	7.488	7.488	7.488	10.803	
DEPTH TO COVER (m) (APPROX.)																					
INVERT LEVEL (m) (APPROX.)	-10.685	-10.700	-10.924	-11.090	-11.090	-11.313	-11.392	-11.453	-11.473	-11.629	-11.880	-12.003	-12.490	-12.490	-12.490	-12.490	-12.490	-12.490	-12.490	-13.017	
PIPE GRADIENT	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	
PIPE DETAILS	2400mm ID JACKING PIPE SECTION																				
LONGITUDINAL SECTION - SEWER TUNNEL - 5.1m TO 2335.4m SCALE: HORIZONTAL 1:2500, VERTICAL 1:1250																					

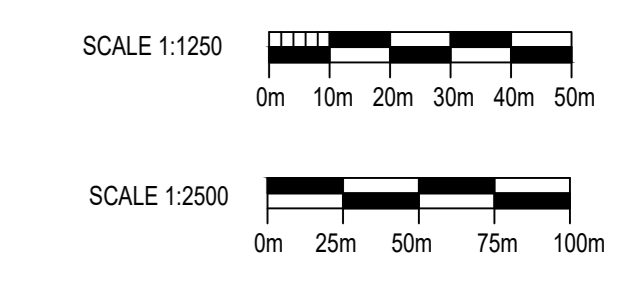
GENERAL NOTES

- ALL DIMENSIONS ARE INDICATIVE AND FINAL DIMENSIONS ARE SUBJECT TO DETAILED DESIGN DEVELOPMENT.
- NON-TUNNEL DESIGN FEATURES FOR ILLUSTRATIVE CONTEXT ONLY.

LEGEND

- SCHEME ORDER LIMITS
- LAND OUTSIDE SCHEME ORDER LIMITS
- PUBLIC RIGHTS OF WAY (EXISTING)
- PROPOSED Ø2400mm TUNNEL (INDICATIVE ALIGNMENT)
- PROPOSED Ø750mm GRAVITY MAIN (INDICATIVE ALIGNMENT)
- EXISTING GROUND LEVEL
- PROPOSED Ø500mm SEWAGE RISING MAINS
- TEMPORARY CORRIDOR FOR STEEL PIPELINES
- DIAMETER

DESIGNER: ET	DATE: 20/01/23	SCALE: AS SHOWN	PROJECT TITLE: CAMBRIDGE WASTE WATER TREATMENT PLANT RELOCATION PROJECT	DRAWING TITLE: 4.12 DESIGN PLAN - SEWER TUNNEL AND LONGITUDINAL SECTION REGULATIONS 5(2)(o)	anglianwater	The plan is produced by Anglian Water Services Limited, from Ordnance Survey Crown Copyright, Licence 100022432. This map is to be used for the purposes of viewing the location of Anglian Water plant only. Any other use of the map data or further copies are not permitted. This notice is not intended to exclude or restrict liability for death or personal injury resulting from negligence. The original document stored in the BIM 360 Doc Project carry the version, suitability code, revision and approval information. Prints are uncontrolled and shall not be used for construction.	A0
DRAWN: JL	DATE: 20/01/23		CHK'D: MR	DATE: 20/01/23	Anglian Water Services Ltd, Lancaster House, Lancaster Way, Ermine Business Park, Hurringdon, PE29 6UJ. Tel: 01454 523200 www.anglianwater.co.uk	DRAWING No. 00001-100006-CAMEST-ZZZ-LON-C-9807	REV. STAT. C01 S4
APP'D: MR	DATE: 20/01/23						



SEE SCALE ON DRAWING @A0

Get in touch

You can contact us by:



Emailing at info@cwwtpr.com



Calling our Freephone information line on **0808 196 1661**



Writing to us at **Freepost: CWWTPR**



Visiting our website at 

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/>