





Kingston Bagpuize STW
Briefing for Kingston Bagpuize Parish Council
3rd July, 2023

Overview of Presentation

1. Introductions
2. Project Drivers and Objectives
3. Construction Timeline
4. Plans of Proposal
5. Customer Benefits and Mitigation
6. Planning Applications

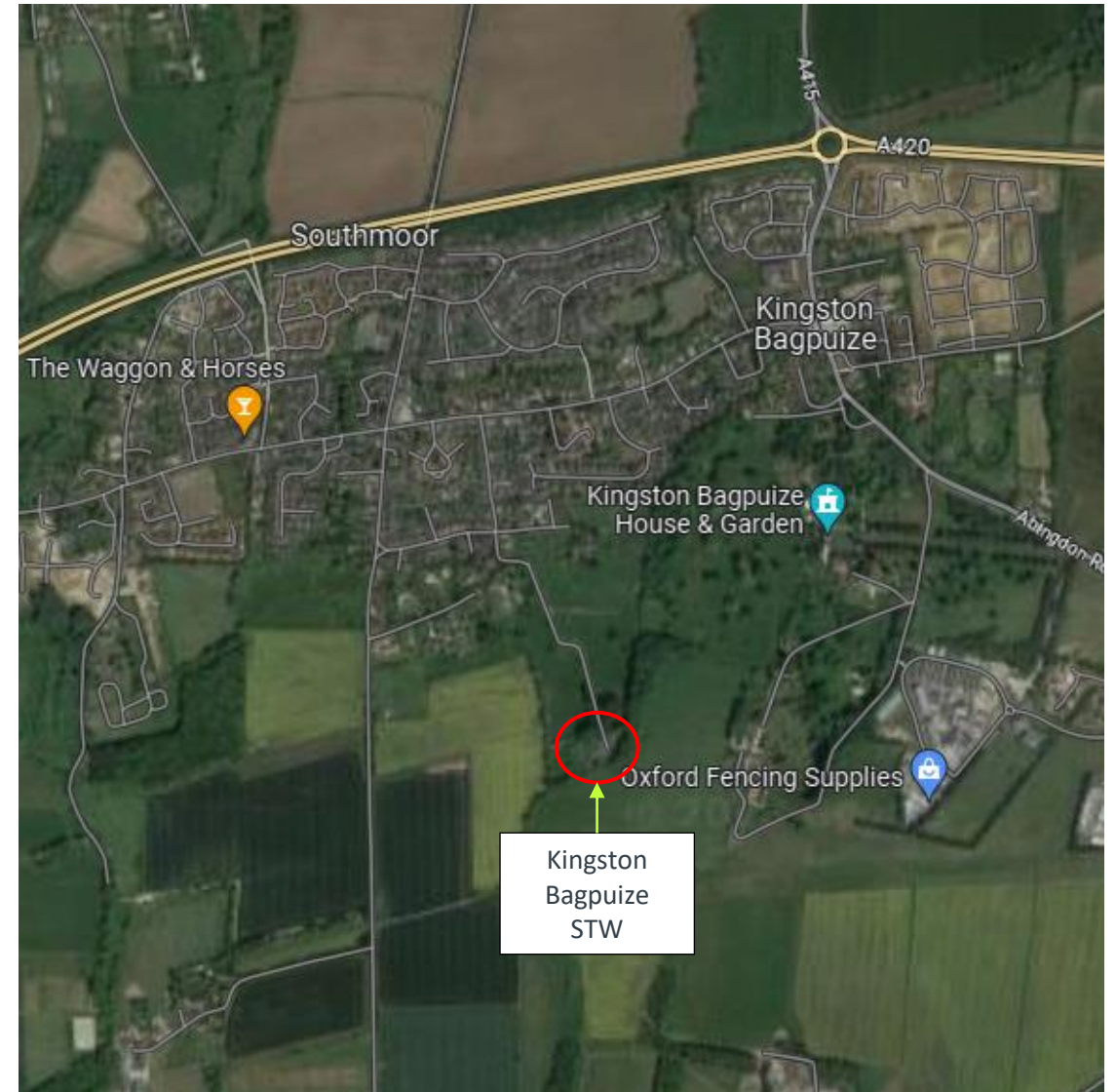
Project Drivers & Objectives

Scheme Background

- Current STW built 1984, upgraded 2004
- Recent & projected catchment growth
- River Quality Improvement Programme

Project Objectives

- Increase treatment capacity to 2031 projected population
- Increase Stormwater storage capacity to 2031 design horizon
- Achieve new discharge consent parameters



Planning & Construction Timeline

Planning Timelines

<p>Summer 23</p> <p>Hanney Road junction modifications Planning Application submission</p>	<p>Summer 23</p> <p>STW extension Planning Application submission</p>	<p>Autumn 23 (TBC)</p> <p>Hanney Road junction modifications Planning Application determined</p>	<p>Winter 23 (TBC)</p> <p>STW extension Planning Application determined</p>
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Construction Timelines

Permitted Development works	<p>Summer 23</p> <p>Site setup (Permitted Development works)</p>	<p>Autumn 23</p> <p>PD works construction commences</p>	<p>Spring 24</p> <p>PD works construction complete</p>	<p>Spring 24</p> <p>PD works Commissioning</p>	
STW extension works	<p>Winter 23</p> <p>Site welfare enlarged for STW extension works</p>	<p>Winter 23</p> <p>STW extension works construction commences</p>	<p>Winter 24</p> <p>STW extension works complete</p>	<p>Winter 24</p> <p>STW extension Commissioning</p>	<p>Spring 25</p> <p>Reinstatement</p>

NB. Dates are for guidance purposes only and could be subject to change

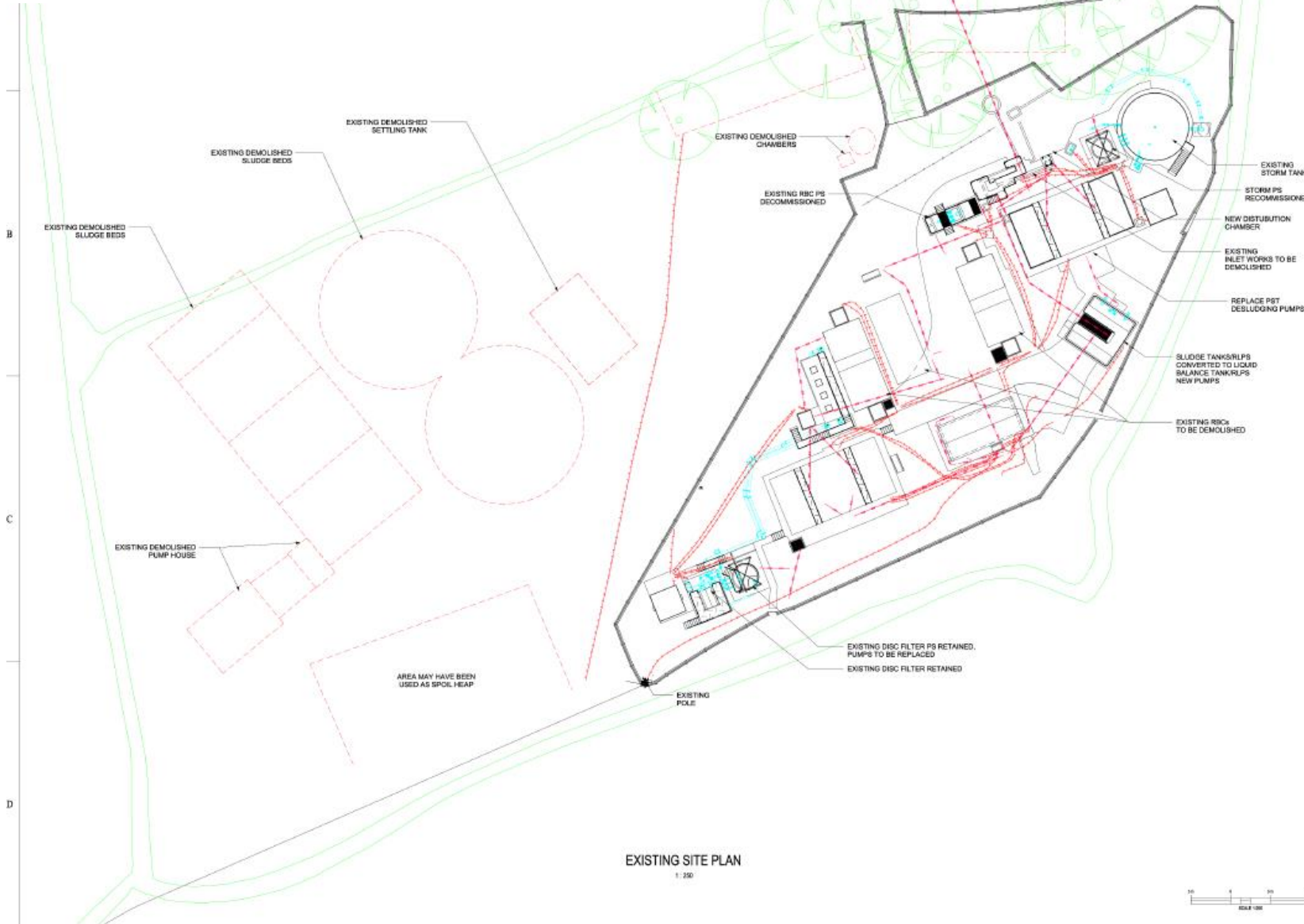


Plans of Proposal

Drawings

- Existing Site Plan
- Proposed Site Plan
- Proposed Elevations
- Temporary access road and construction Traffic Routing

Existing site plan



EXISTING SITE PLAN
1:250



DO NOT SCALE - IF IN DOUBT ASK

ARCADIS
 Registered office: Arcadis
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 London EC3M 4BY
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- NOTES**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS IN METRES ABOVE ORDNANCE DATUM.
 - ALL COORDINATES ARE RELATIVE TO OS NATIONAL GRID.

- LEGEND**
- EXISTING STRUCTURES
 - EXISTING UNDERGROUND DEMOLISHED STRUCTURED
 - EXISTING ROADS
 - LV OH EXISTING LV OVERHEAD CABLES
 - E-E EXISTING ELECTRICAL CABLES
 - SEW EXISTING SEWERAGE
 - EXISTING GENERAL PIPES
 - EXISTING UNIDENTIFIED SERVICES
 - EXISTING FENCE
 - EXISTING TREES

Tilbury Douglas
 TILBURY DOUGLAS CONSTRUCTION LTD
 HEYS ROAD
 NORTH HILL INDUSTRIAL ESTATE
 ALFRETON
 DERBYSHIRE
 DE25 1TD
 Tel: 01773 547636

NOT FOR CONSTRUCTION
 CURRENT REVISION INFORMATION

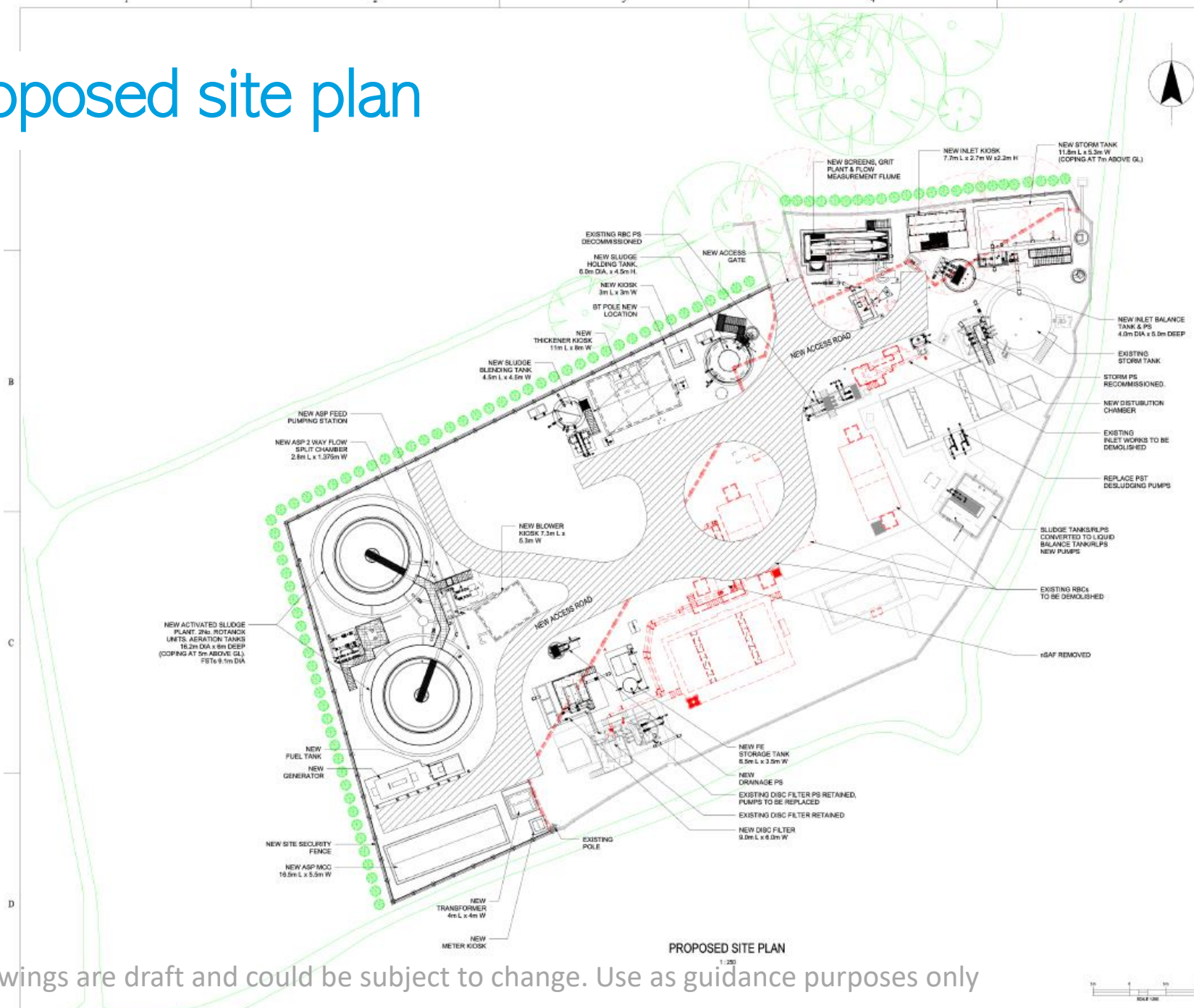
Rev	Date	Issue	By	Check	Appr	Disc
P02	03	ISSUED FOR INTERNAL REVIEW AND COMMENT	GV			03/12/2022
P01	01	ISSUE FOR CD-ORIENTATION	GV	Chs	Chs	17/05/2022

Thames Water Utilities
 Chiswick Court
 Watton Road, Reading RG1 1DB

Location Code: KINGSNZZ	OS Reference: SU 401979	Assetty Reference: UBR
Project Group: WANI	Sub Project: N/A	
Location Name: KINGSTON BAGPUIZE, ABINGDON, OXON, OX15 5HX		
Site Name: KINGSTON BAGPUIZE STW		
Project Name: J971 KINGSTON BAGPUIZE AMP3 WASTEWATER QUALITY		
Drawing Title: EXISTING SITE PLAN		

Scale: 1:250	Drawn By: A1	Sheet: 03
Drawing Number: J971.01-IT-KINGSZZ-100-DR-CE-2500	Revision: P02	

Proposed site plan



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- ALL COORDINATES ARE RELATIVE TO OS NATIONAL GRID.

LEGEND

- PROPOSED STRUCTURES
- PROPOSED SECURITY FENCE
- PROPOSED ROAD
- TREE PLANTING FOR SCREENING
- EXISTING STRUCTURES
- DEMOLISHED STRUCTURES
- EXISTING FENCE
- EXISTING TREES
- EXISTING DITCH

Tilbury Douglas Construction Ltd
16213 ROAD
16213 HILL, INDUSTRIAL ESTATE
ALPHINGTON
DORSET SP9 6NR
01205 770
Tel: 01752 50200

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CURRENT REVISION INFORMATION

NO	DATE	DESCRIPTION	BY	CHK	APP	DATE
01	01/12/2022	ISSUED FOR INTERNAL REVIEW AND COMMENT	GV			01/12/2022
02	01/12/2022	ISSUED FOR EXTERNAL REVIEW AND COMMENT	GV	SK	MR	07/12/2022

Thames Water Utilities

Clearwater Court
Vauxhall Road, Reading RG1 3BB

Location Code: KINGS3ZZ
Project Group: WWN
Site Name: KINGSSTON BAGPUIZE STW
Project Name: J971 KINGSSTON BAGPUIZE AMP7 WASTEWATER QUALITY

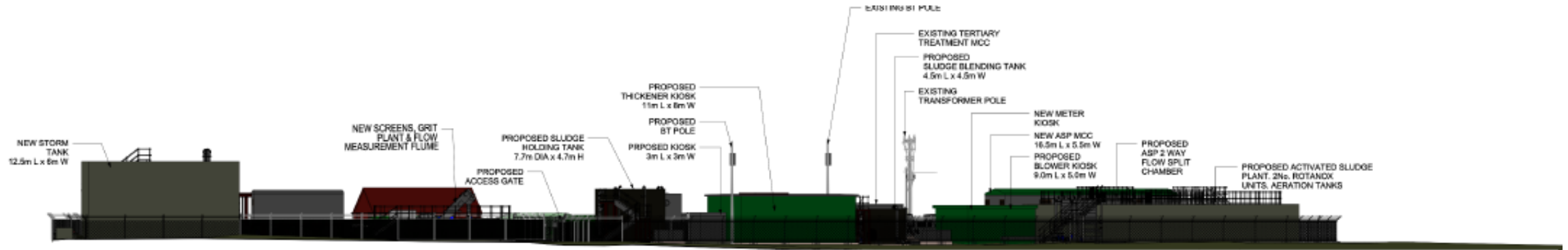
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Sub Project: N/A
Site Name: KINGSSTON BAGPUIZE, ABINGDON, OXON, OX13 5HX
Site Name: KINGSSTON BAGPUIZE STW
Project Name: J971 KINGSSTON BAGPUIZE AMP7 WASTEWATER QUALITY

PROPOSED SITE PLAN

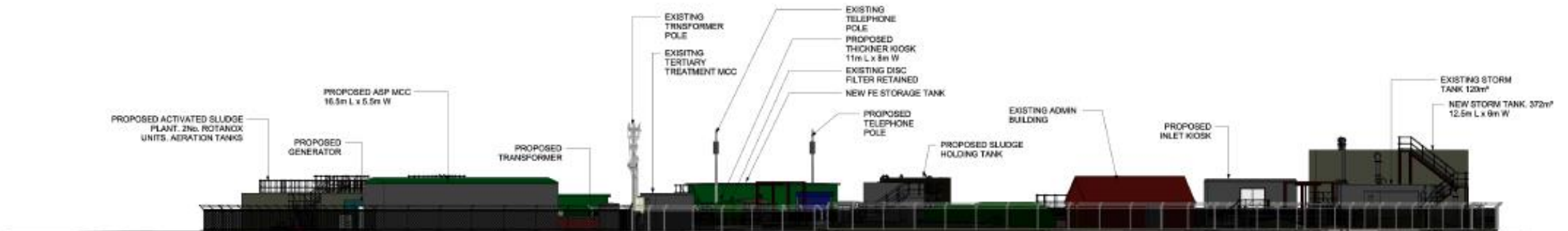
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Sheet No: A1
Revision: S3
Date: 01/12/2022

NB. Site drawings are draft and could be subject to change. Use as guidance purposes only

Proposed site elevations – North & South



ELEVATION FROM NORTH



ELEVATION FROM SOUTH

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Proposed site elevations – East & West



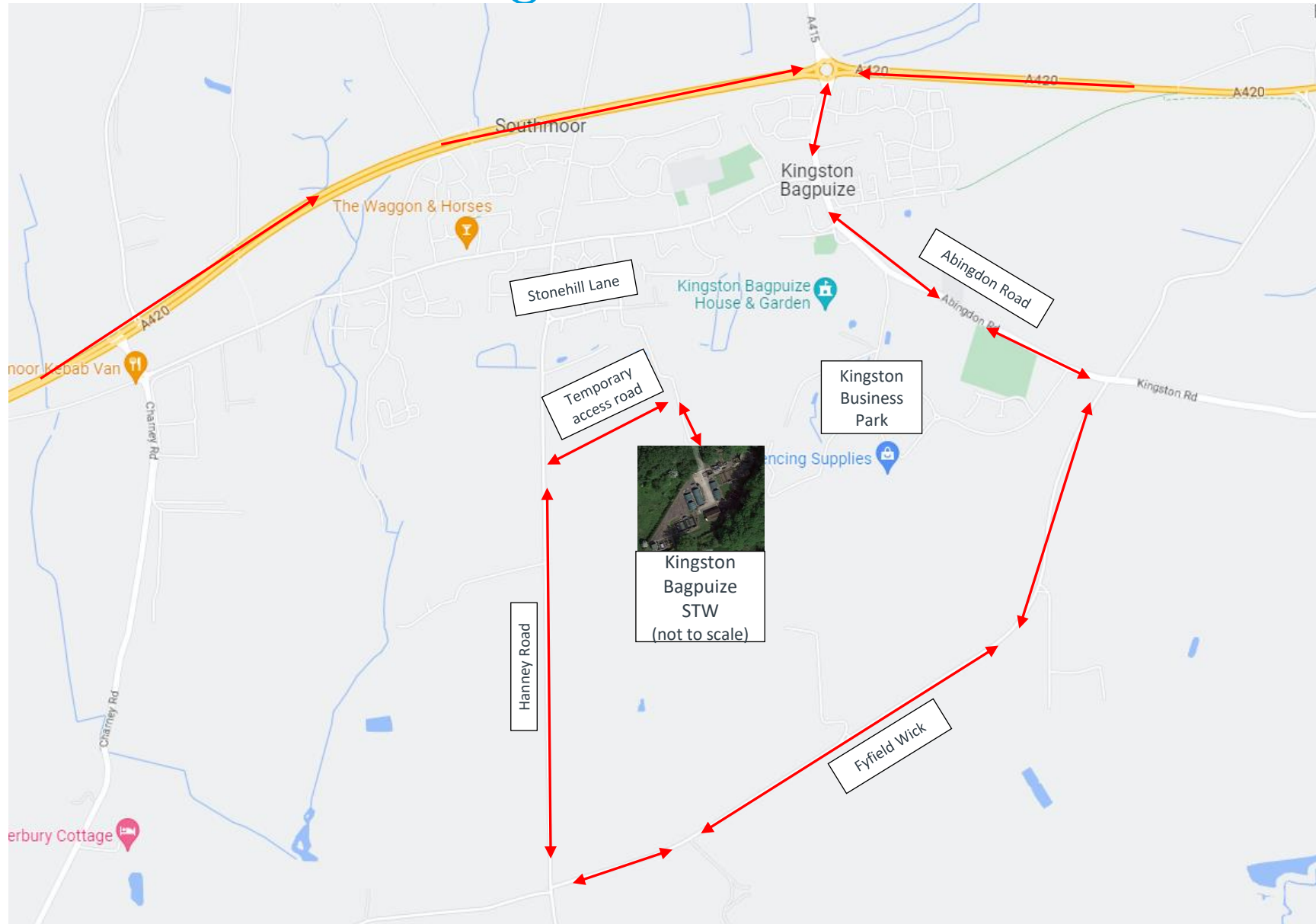
ELEVATION FROM EAST



ELEVATION FROM WEST

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Construction traffic routing



Temporary access road



Customer Benefits

- Reduction in stormwater spills and improvement to water quality
- Reduction in number of tanker movements
- Caters for predicted population growth to 2031

Mitigations

- Construction traffic routing
- Environmental Management
- Landscaping

Planning Applications

1. Hanney Road junction access improvements
2. STW expansion works

Note: Applications will be made via Oxfordshire County Council



Any Questions?



Thank you for your time