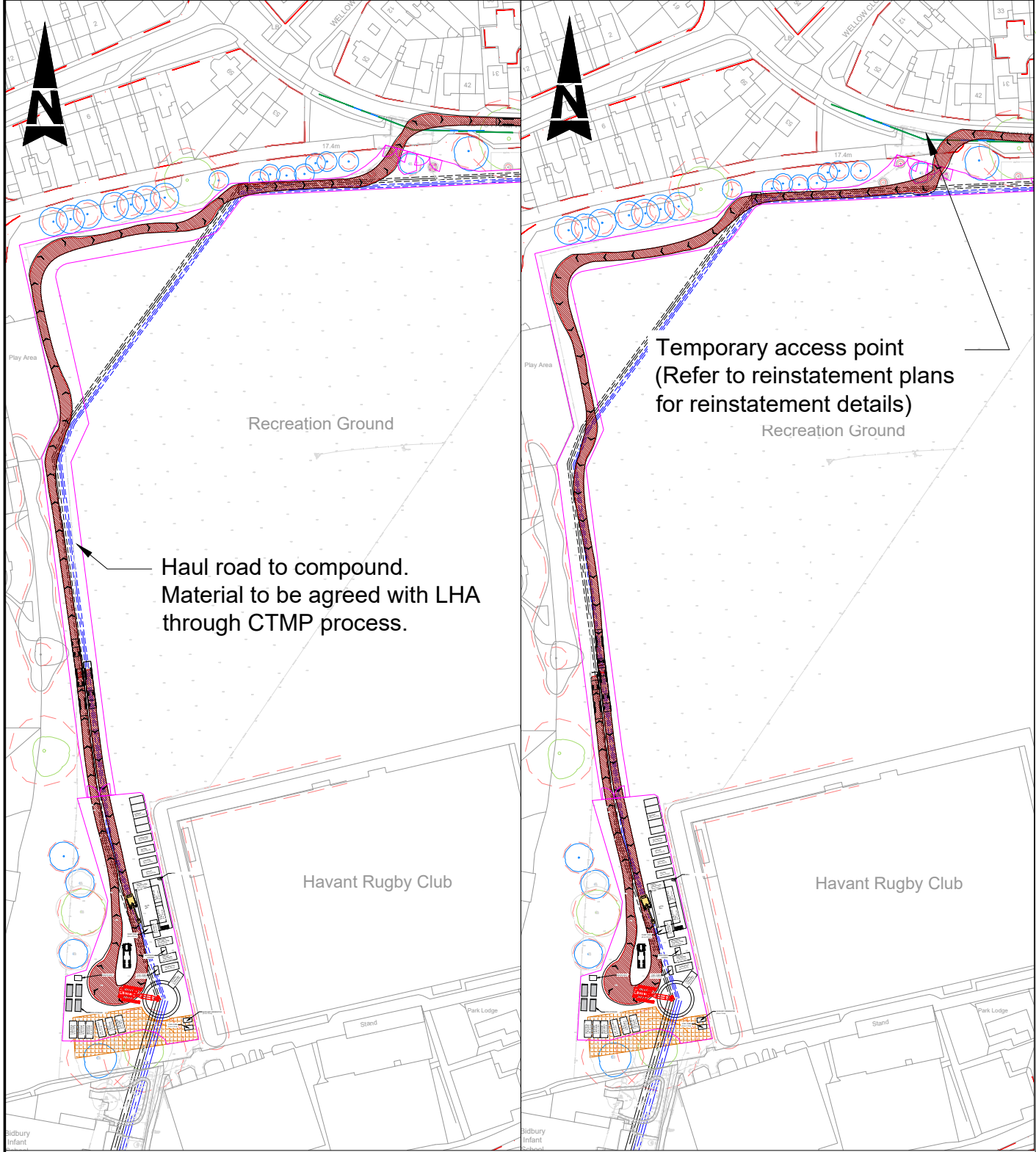


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Millimetres
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SHAFT 2 SITE ACCESS
NTS



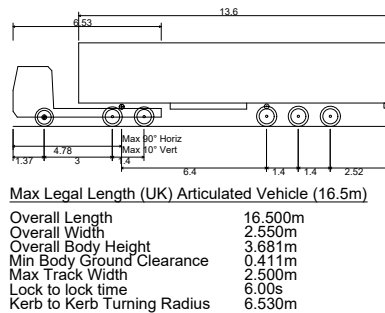
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CLIENT NAME: Portsmouth Water LICENCE NUMBER: 100018036

Notes:

1. Preliminary design only.

Key:

- Construction Site Hoarding
Fill Pipeline
Return Pipeline
2.4 x 25m Junction Visibility Splay using posted speed (20mph)
2.4 x 35m Junction Visibility Splay using observed speed (26mph)
Highway boundary



SAFETY, HEALTH AND ENVIRONMENTAL
INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

NONE

MAINTENANCE/CLEANING

NONE

DECOMMISSIONING/DEMOLITION

NONE

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev.	Date	Description	By	Chk'd	App'd
P4	14/11/24	SITE LAYOUT REVISED	PM	CW	CW
P3	31/10/24	VISIBILITY SPLAY AMENDED, SITE BOUNDARY REVISED, HIGHWAY BOUNDARY ADDED	PM	CW	CW
P2	29/05/24	ANNOTATION ADDED ON HAUL ROAD	PM	CW	CW
P1	28/02/24	DRAWING CREATED	PM	PDE	CW

Drawing Status
FOR INFORMATION
ATKINS
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Suitability
S2

Project Title
HAVANT THICKET RESERVOIR

Drawing Title
**SHAFT COMPOUND LAYOUT
SHAFT 2
SWEEP PATH ANALYSIS
ARTICULATED TRUCK**

Scale
1:500
Original Size
A3

Designed
PM
Date
28/02/24

Drawn
PM
Date
28/02/24

Checked
PDE
Date
29/02/24

Authorised
CW
Date
29/02/24

Project Ref. No.
5218618

Revision
P4

HA PIN
**HTR
02**

Originator
- ATK -
Type
- DR -

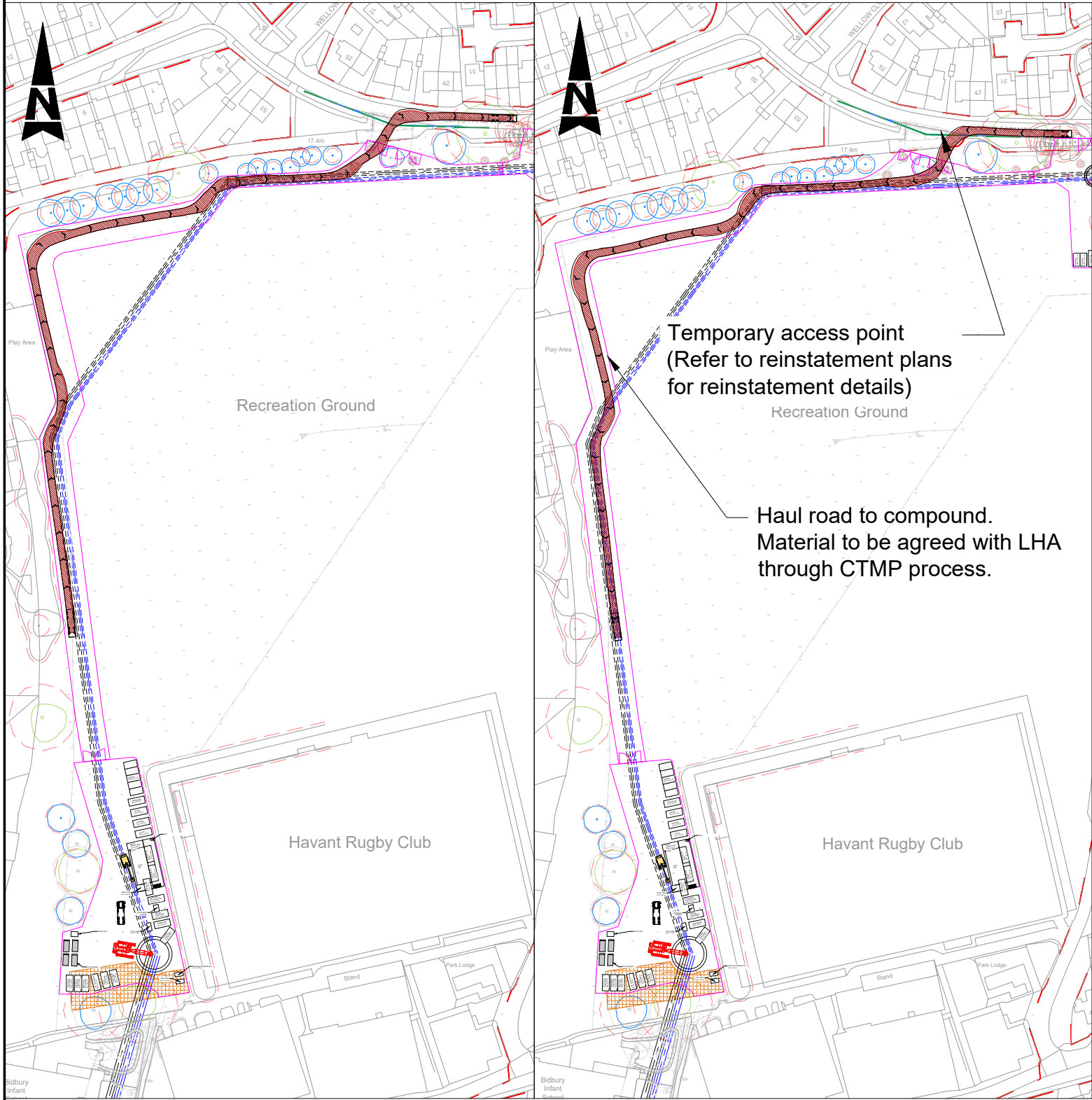
Volume
- HGN -
Role
- D -

Number
0002

Location
PORTSMOUTH WATER

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Millimetres
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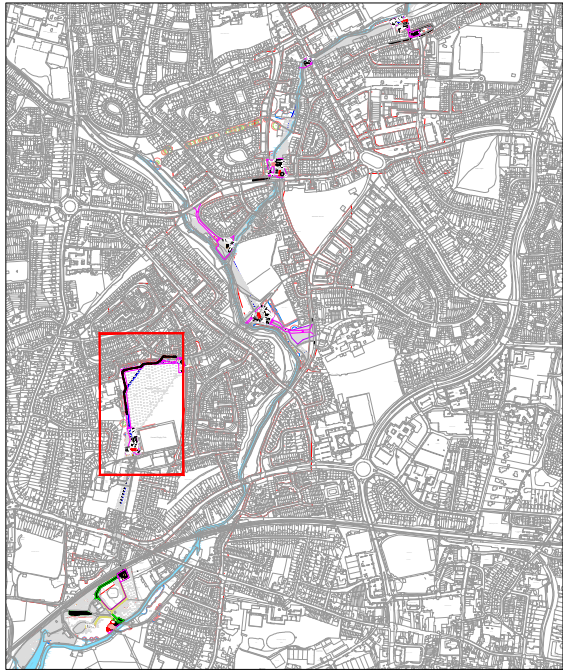
SHAFT 2 SITE ACCESS
NTS



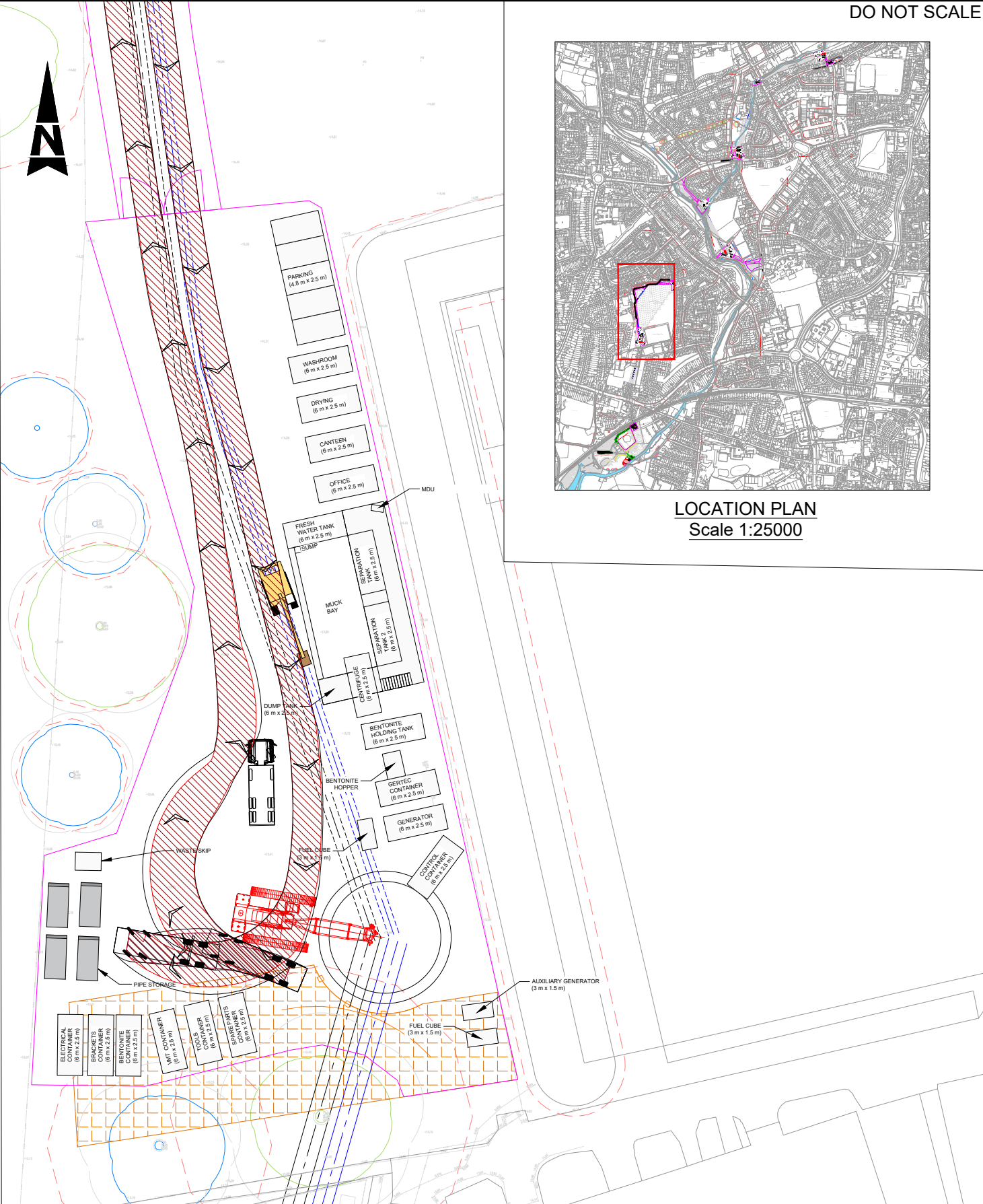
Temporary access point
(Refer to reinstatement plans
for reinstatement details)

Haul road to compound.
Material to be agreed with LHA
through CTMP process.

DO NOT SCALE



LOCATION PLAN
Scale 1:25000



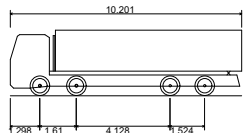
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CLIENT NAME: Portsmouth Water LICENCE NUMBER: 100018036

Notes:

1. Preliminary design only.

Key:

- Construction Site Hoarding
- Fill Pipeline
- Return Pipeline
- 2.4 x 25m Junction Visibility Splay using posted speed (20mph)
- 2.4 x 35m Junction Visibility Splay using observed speed (26mph)
- Highway boundary



Large Tipper
Overall Length 10.201m
Overall Width 2.495m
Overall Body Height 2.890m
Min Body Ground Clearance 0.341m
Track Width 2.471m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 11.550m

SAFETY, HEALTH AND ENVIRONMENTAL
INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

NONE

MAINTENANCE/CLEANING

NONE

DECOMMISSIONING/DEMOLITION

NONE

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev.	Date	Description	By	Chk'd	App'd
P4	14/11/24	SITE LAYOUT REVISED	PM	CW	CW
P3	31/10/24	VISIBILITY SPLAY AMENDED, SITE BOUNDARY REVISED, HIGHWAY BOUNDARY ADDED	PM	CW	CW
P2	29/05/24	ANNOTATION ON HAUL ROAD ADDED	PM	CW	CW
P1	28/02/24	DRAWING CREATED	PM	PDE	CW

Drawing Status

FOR INFORMATION

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Client

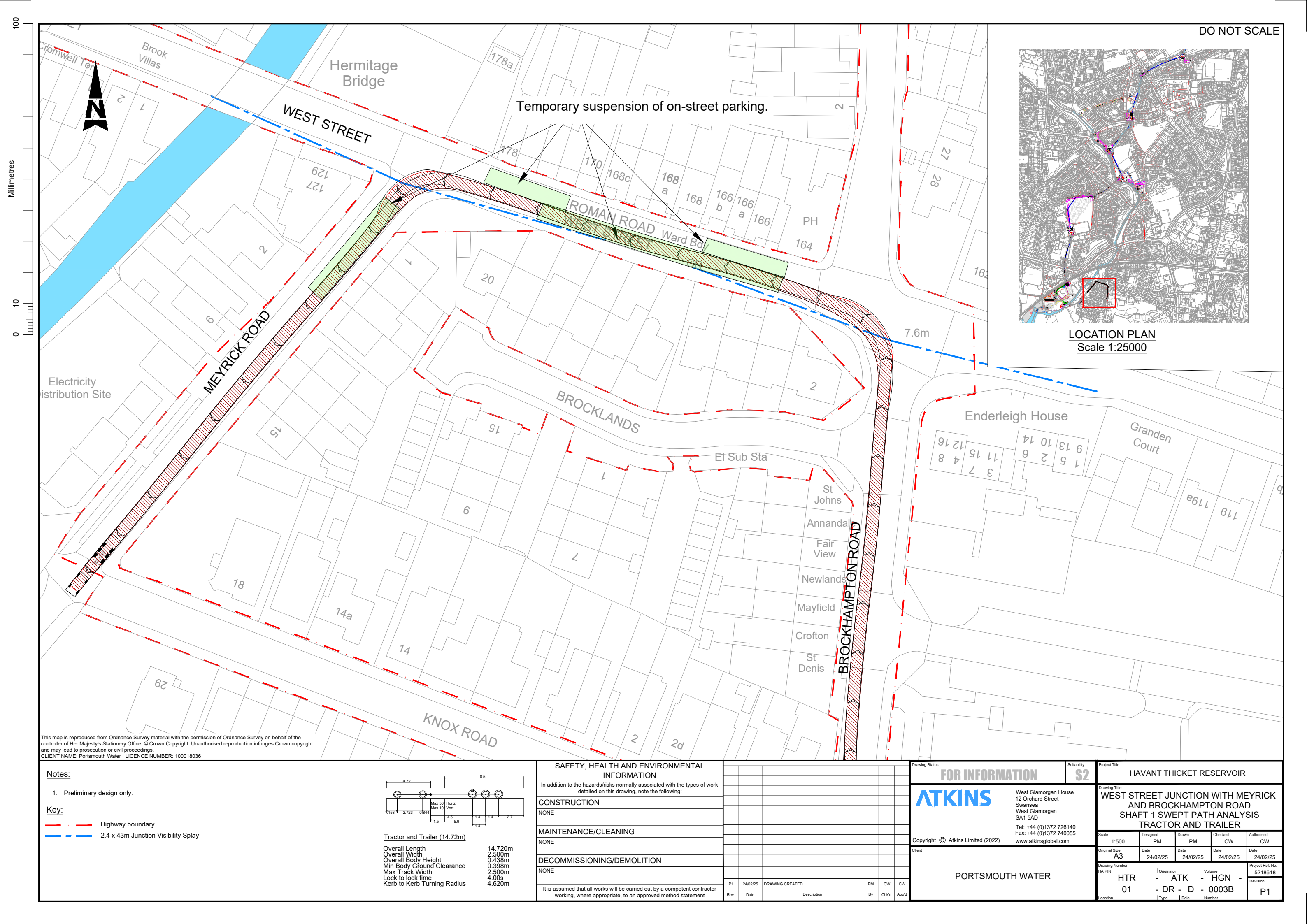
PORTSMOUTH WATER

Suitability
S2

Project Title
HAVANT THICKET RESERVOIR

Drawing Title
SHAFT COMPOUND LAYOUT
SHAFT 2
SWEEP PATH ANALYSIS
LARGE TIPPER

Scale	Designed	Drawn	Checked	Authorised
1:500	PM	PM	PDE	CW
Original Size	Date	Date	Date	Date
A3	28/02/24	28/02/24	29/02/24	29/02/24
Drawing Number	Originator	Volume	Project Ref. No.	Revision
HTR 02	- ATK - - DR - D -	HGN - 0001	5218618	P4
Location	Type	Role	Number	



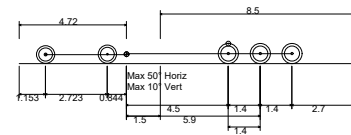
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CLIENT NAME: Portsmouth Water LICENCE NUMBER: 100018036

Notes:

1. Preliminary design only.

Key:

- Highway boundary
— 2.4 x 43m Junction Visibility Splay



Tractor and Trailer (14.72m)

Overall Length	14.720m
Overall Width	2.500m
Overall Body Height	0.438m
Min Body Ground Clearance	0.398m
Max Track Width	2.500m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	4.620m

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

NONE

MAINTENANCE/CLEANING

NONE

DECOMMISSIONING/DEMOLITION

NONE

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev.	Date	Description	By	Chk'd	App'd
P1	24/02/25	DRAWING CREATED	PM	CW	CW

FOR INFORMATION

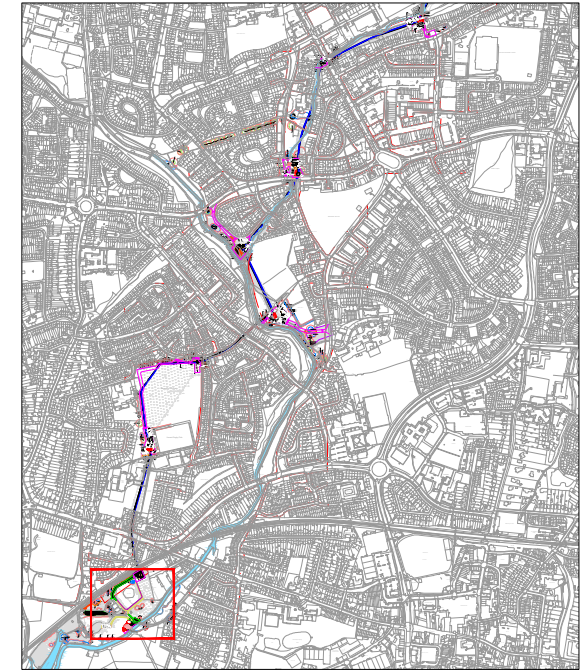
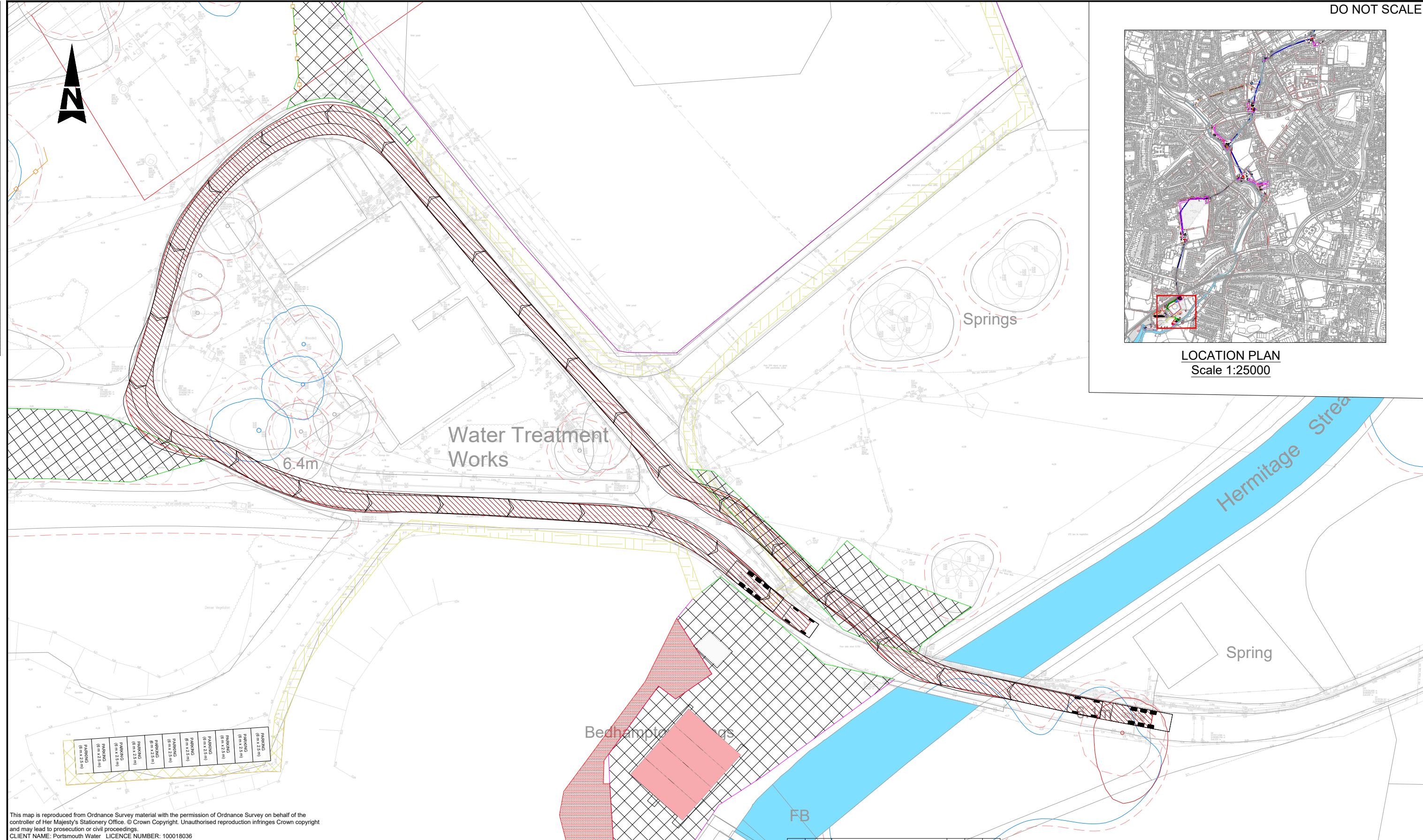
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PORTSMOUTH WATER

Suitability	S2	Project Title	HAVANT THICKET RESERVOIR
Drawing Title	WEST STREET JUNCTION WITH MEYRICK AND BROCKHAMPTON ROAD SHAFT 1 SWEEP PATH ANALYSIS TRACTOR AND TRAILER	Scale	1:500
Original Size	A3	Designed	PM
Drawing Number	HTR 01	Drawn	PM
HA PIN	HTR 01	Checked	CW
Location		Authorised	CW
Project Ref. No.	5218618	Date	24/02/25
Revision	P1	Date	24/02/25
Originator	ATK	Date	24/02/25
Volume	HGN	Date	24/02/25
Type	DR	Date	24/02/25
Role	D	Date	24/02/25
Number	0003B	Date	24/02/25

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Millimetres
10
0



LOCATION PLAN
Scale 1:25000

DO NOT SCALE

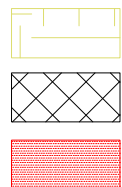
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CLIENT NAME: Portsmouth Water LICENCE NUMBER: 100018036

Notes:

1. Preliminary design only.

Key:

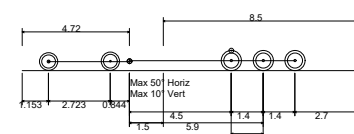
- Construction Site Hoarding
- Site Internal Fencing
- Existing Solar Array
- Redline Boundary
- Public Right of Way



Pedestrian Footpath

Stoned Up Areas

Spring Chamber Exclusion Zone



Tractor and Trailer (14.72m)

Overall Length 14.720m
Overall Width 2.500m
Overall Body Height 0.438m
Min Body Ground Clearance 0.398m
Max Track Width 2.500m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 4.620m

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

NONE

MAINTENANCE/CLEANING

NONE

DECOMMISSIONING/DEMOLITION

NONE

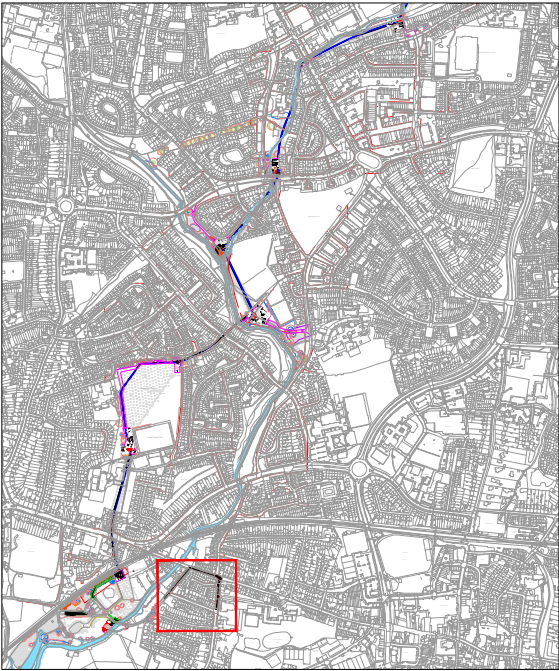
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev.	Date	Description	By	Chk'd	App'd
P1	24/02/25	DRAWING CREATED			

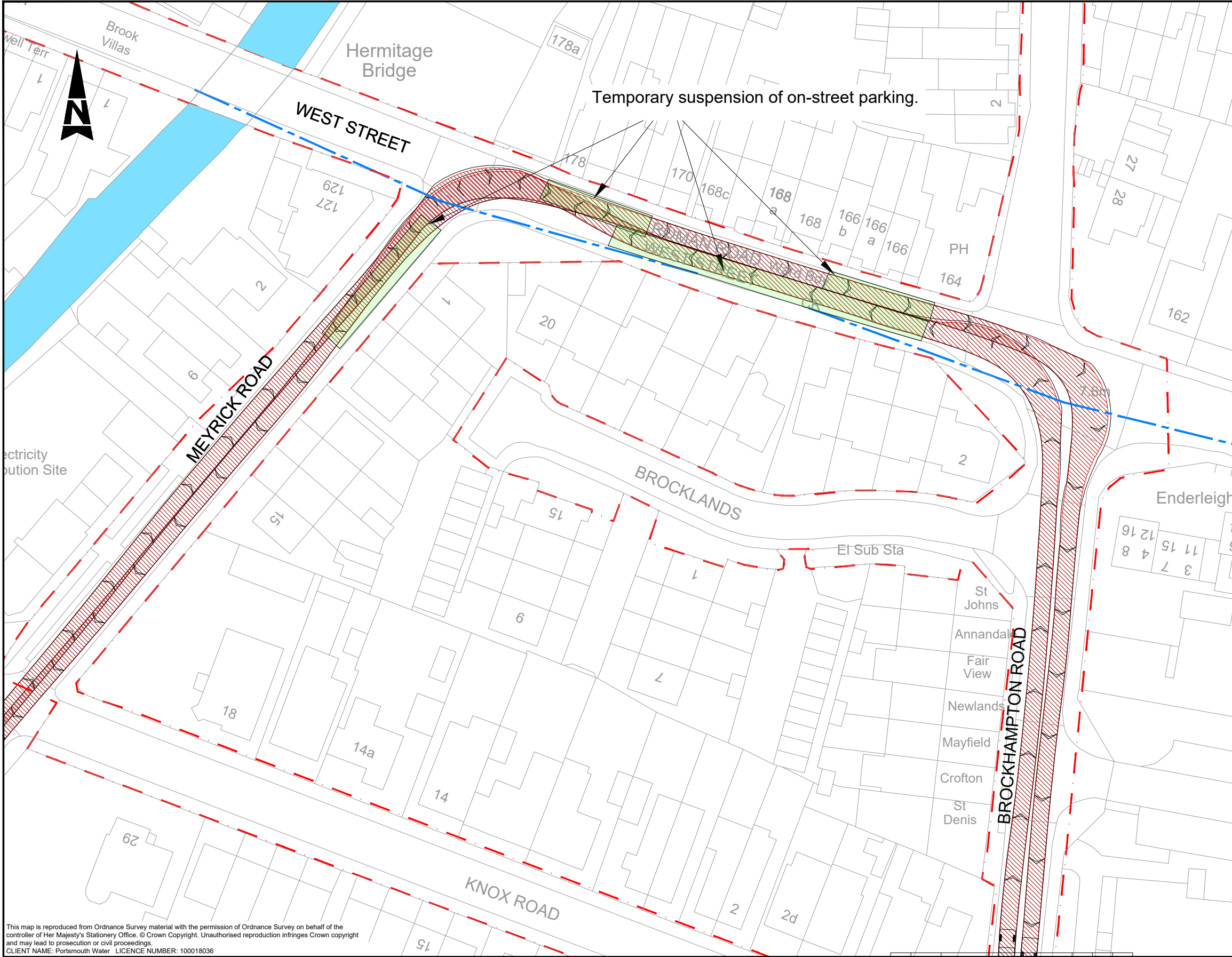
Drawing Status	FOR INFORMATION	Suitability	S2
Client	PORTSMOUTH WATER	Originator	ATK
		Volume	HGN
		Type	DR
		Role	D
		Number	0003A

Project Title	HAVANT THICKET RESERVOIR
Drawing Title	SHAFT COMPOUND LAYOUT SHAFT 1 SWEEP PATH ANALYSIS TRACTOR AND TRAILER
Scale	1:500
Original Size	A3
Designed	PM
Date	24/02/25
Drawn	PM
Date	24/02/25
Checked	CW
Date	24/02/25
Authorised	CW
Date	24/02/25
Project Ref. No.	5218618
Revision	P1

DO NOT SCALE



LOCATION PLAN
Scale 1:25000



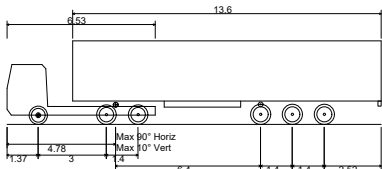
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CLIENT NAME: Portsmouth Water LICENCE NUMBER: 100018036

Notes:

1. Preliminary design only.

Key:

- Highway boundary
— 2.4 x 43m Junction Visibility Splay



Max Legal Length (UK) Articulated Vehicle (16.5m)	
Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

NONE

MAINTENANCE/CLEANING

NONE

DECOMMISSIONING/DEMOLITION

NONE

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev.	Date	Description	By	Chk'd	App'd
P2	24/10/25	VISIBILITY SPLAY AMENDED, SITE BOUNDARY REVISED, HIGHWAY BOUNDARY ADDED	PM	CW	CW
P1	29/05/24	DRAWING CREATED	PM	CW	CW

Drawing Status

FOR INFORMATION

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Client

PORTSMOUTH WATER

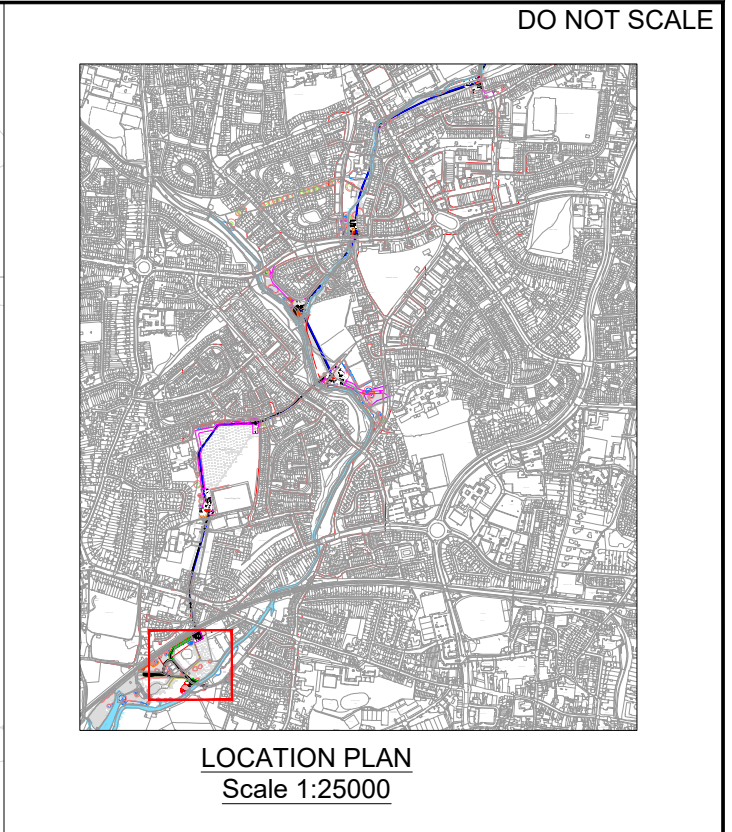
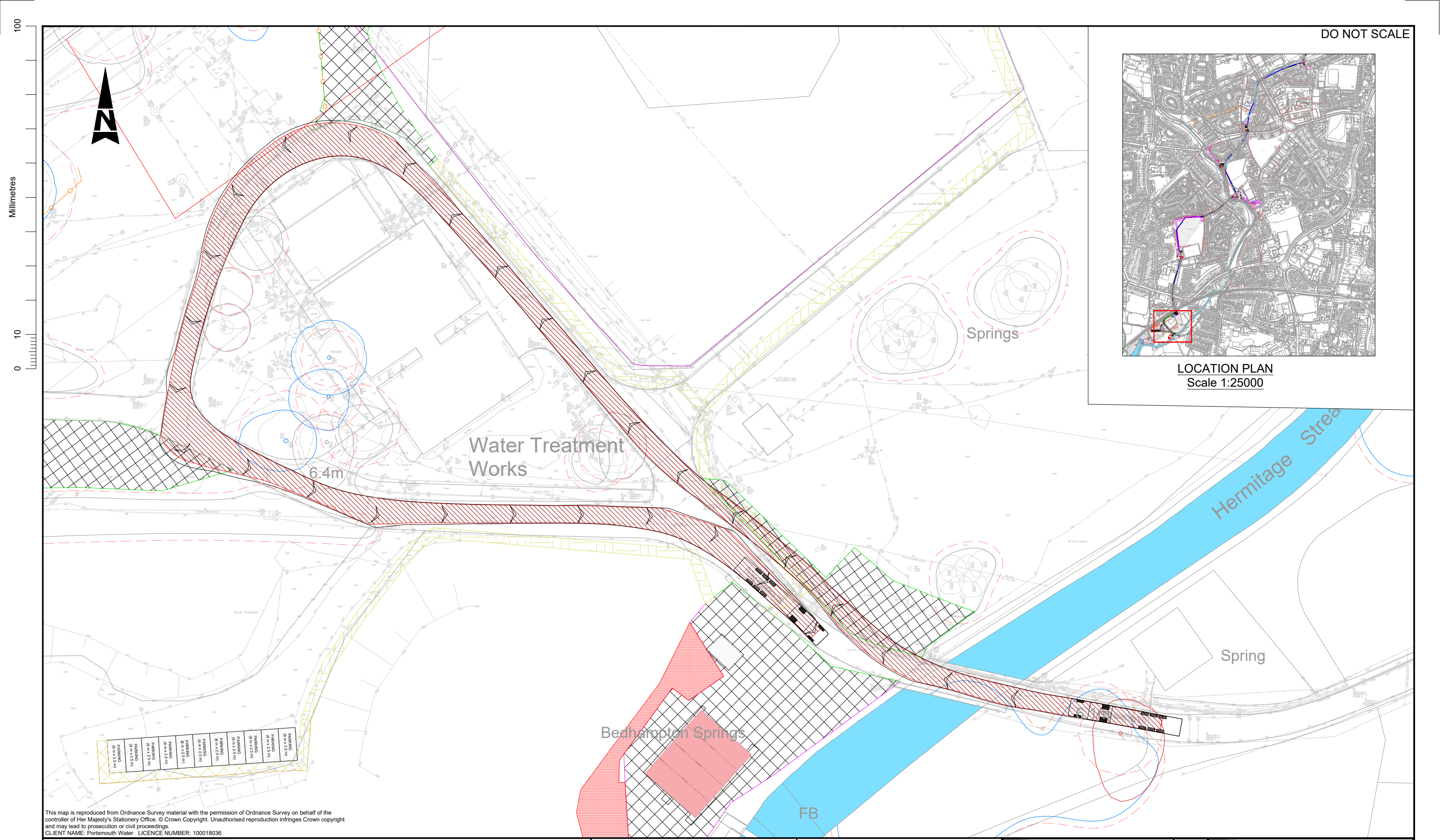
Suitability

S2

Project Title
HAVANT THICKET RESERVOIR

Drawing Title
WEST STREET JUNCTION WITH MEYRICK AND BROCKHAMPTON ROAD
SHAFT 1 SWEEP PATH ANALYSIS
ARTICULATED VEHICLE

Scale	Designed	Drawn	Checked	Authorised
1:500	PM	PM	CW	CW
Original Size	Date	Date	Date	Date
A3	29/05/24	29/05/24	29/05/24	29/05/24
Drawing Number	Originator	Volume	Project Ref. No.	Revision
HTR 01	- ATK - HGN - - DR - D - 0002B		5218618	P2



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CLIENT NAME: Portsmouth Water LICENCE NUMBER: 100018036

Notes:

1. Preliminary design only.

Key:

- Construction Site Hoarding
- Site Internal Fencing
- Existing Solar Array
- Redline Boundary
- Public Right of Way
- Pedestrian Footpath
- Stoned Up Areas
- Spring Chamber Exclusion Zone

Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length 16.500m
Overall Width 2.550m
Overall Body Height 3.681m
Min Body Ground Clearance 0.411m
Max Track Width 2.500m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 6.530m

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

NONE

MAINTENANCE/CLEANING

NONE

DECOMMISSIONING/DEMOLITION

NONE

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev.	Date	Description	By	Chk'd	App'd
P3	24/10/24	TOPO SURVEY ADDED		PM	CW
P2	07/03/24	VEHICLE TRACKING REVISED		PM	PDE
P1	28/02/24	DRAWING CREATED		PM	PDE

FOR INFORMATION

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PORTSMOUTH WATER

S2

HAVENT THICKET RESERVOIR

SHAFT COMPOUND LAYOUT

SHAFT 1

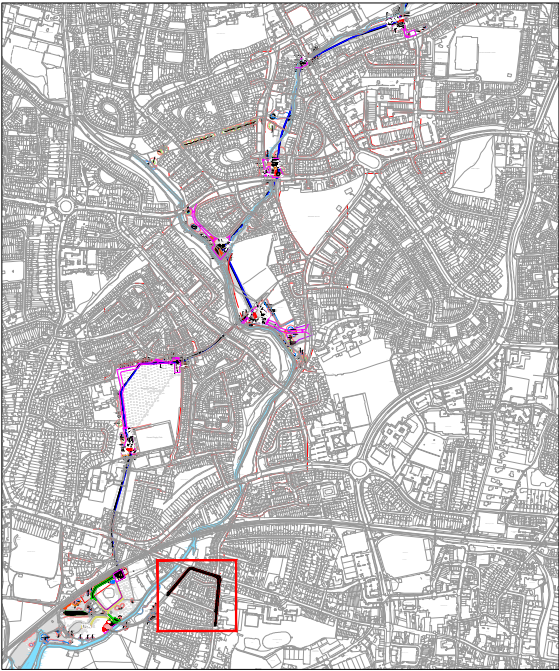
SWEEP PATH ANALYSIS

ARTICULATED VEHICLE

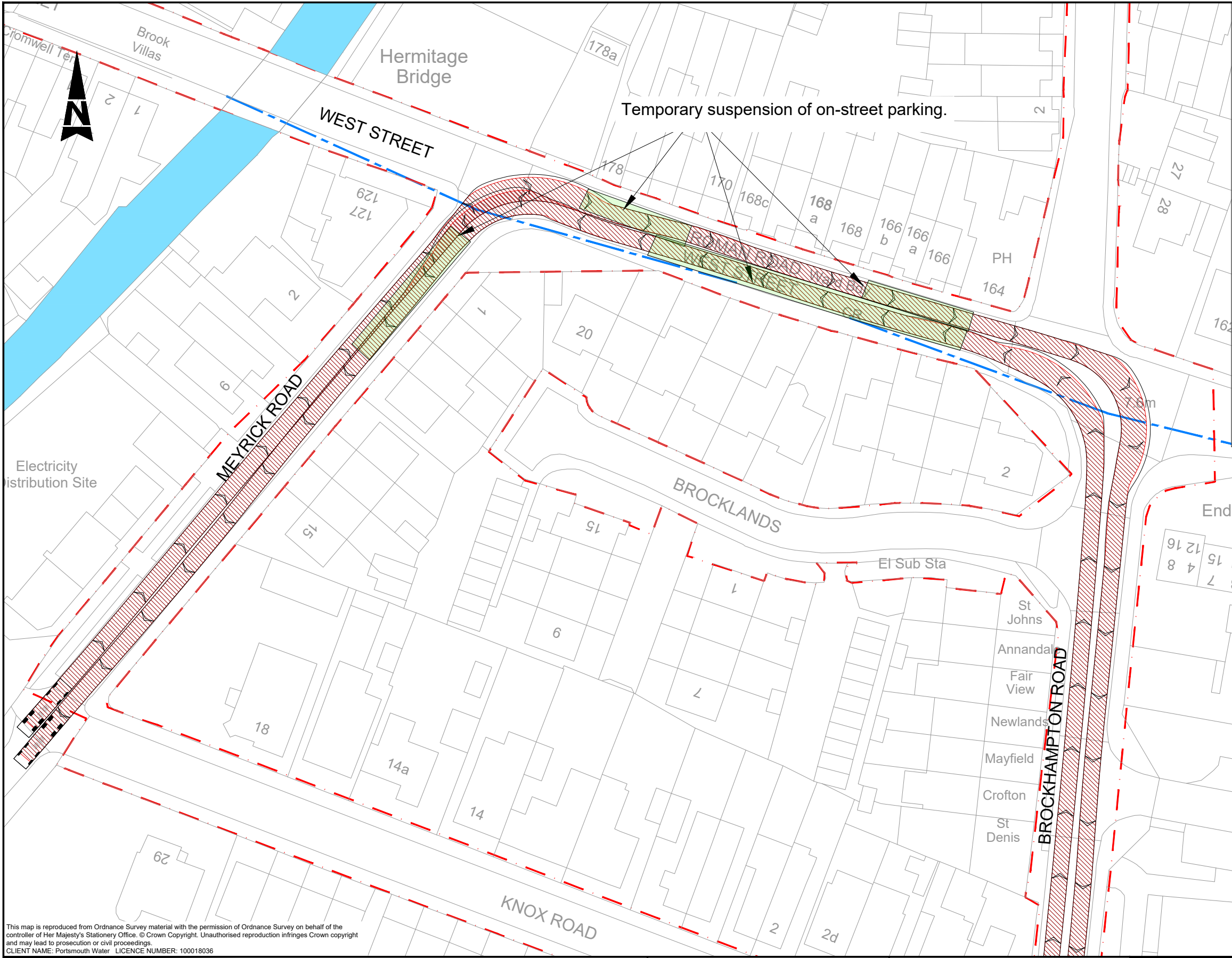
Scale	Designed	Drawn	Checked	Authorised
1:500	PM	PM	PDE	CW
Original Size A3	Date 28/02/24	Date 28/02/24	Date 29/02/24	Date 29/02/24

Drawing Number	HA PIN	Originator	Volume	Project Ref. No.
HTR 01		- ATK - HGN - - DR - D - 0002A		5218618
Location	Type	Role	Number	Revision
				P3

DO NOT SCALE



LOCATION PLAN
Scale 1:25000



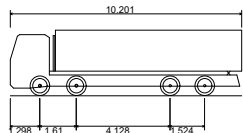
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CLIENT NAME: Portsmouth Water LICENCE NUMBER: 100018036

Notes:

1. Preliminary design only.

Key:

- Highway boundary
— 2.4 x 43m Junction Visibility Splay



Large Tipper
Overall Length 10.201m
Overall Width 2.495m
Overall Body Height 2.890m
Min Body Ground Clearance 0.341m
Track Width 2.471m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 11.550m

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

NONE

MAINTENANCE/CLEANING

NONE

DECOMMISSIONING/DEMOLITION

NONE

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev.	Date	Description	By	Chk'd	App'd
P3	24/10/24	ANNOTATION REVISED	PM	CW	CW
P2	02/09/24	ANNOTATION REVISED	PM	CW	CW
P1	29/05/24	DRAWING CREATED	PM	CW	CW

Drawing Status

FOR INFORMATION

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Client

PORTSMOUTH WATER

Suitability

S2

Project Title

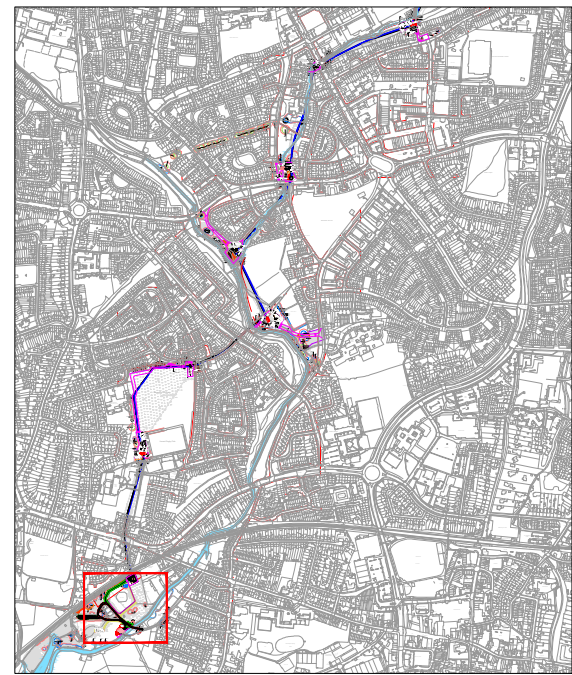
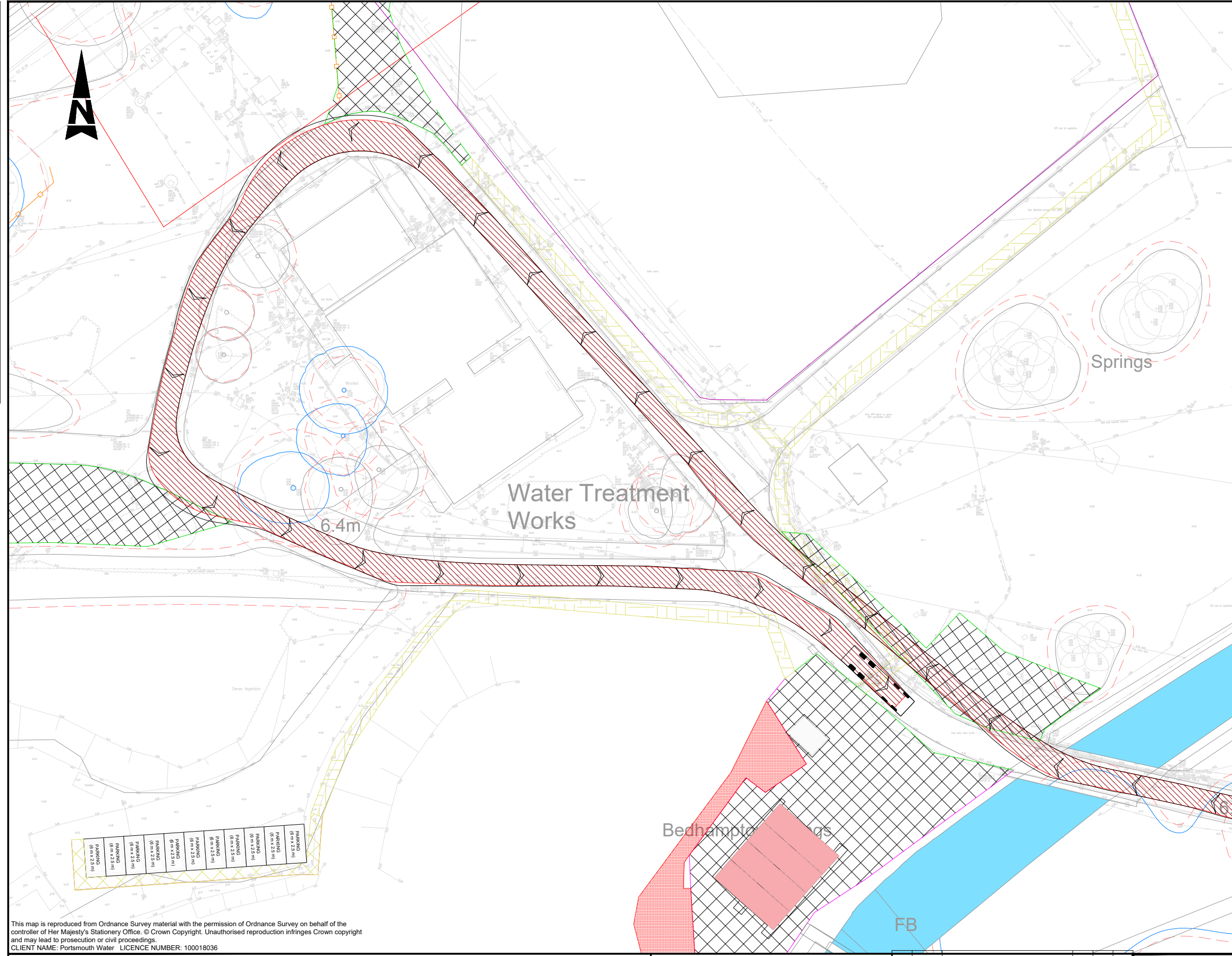
HAVANT THICKET RESERVOIR

Drawing Title

WEST STREET JUNCTION WITH MEYRICK
AND BROCKHAMPTON ROAD
SHAFT 1 SWEEP PATH ANALYSIS
LARGE TIPPER

Scale	Designed	Drawn	Checked	Authorised
1:500	PM	PM	CW	CW
Original Size	Date	Date	Date	Date
A3	29/05/24	29/05/24	29/05/24	29/05/24
Drawing Number	HA PIN	Originator	Volume	Project Ref. No.
HTR 01		- ATK - HGN - - DR - D - 0001B		5218618
Location	Type	Role	Number	Revision
				P2

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Millimetres
10
0



DO NOT SCALE

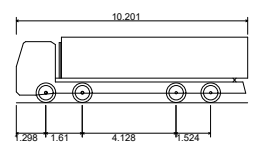
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CLIENT NAME: Portsmouth Water LICENCE NUMBER: 100018036

Notes:

1. Preliminary design only.

Key:

- Construction Site Hoarding
- Site Internal Fencing
- Existing Solar Array
- Redline Boundary
- Public Right of Way
- Pedestrian Footpath
- Stoned Up Areas
- Spring Chamber Exclusion Zone



Large Tipper
Overall Length 10.201m
Overall Width 2.495m
Overall Body Height 2.890m
Min Body Ground Clearance 0.341m
Track Width 2.471m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 11.550m

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION	
NONE	
MAINTENANCE/CLEANING	
NONE	
DECOMMISSIONING/DEMOLITION	
NONE	
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement	

P2	24/10/24	TOPO SURVEY ADDED	PM	CW	CW
P1	28/02/24	DRAWING CREATED	PM	PDE	CW
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status

FOR INFORMATION

ATKINS

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Client

Suitability

S2

Project Title

HAVANT THICKET RESERVOIR

Drawing Title

SHAFT COMPOUND LAYOUT
SHAFT 1
SWEEP PATH ANALYSIS
LARGE TIPPER

Scale

1:500

Designed

PM

Drawn

PM

Checked

PDE

Authorised

CW

Original Size

A3

Date

28/02/24

Date

28/02/24

Date

29/02/24

Date

29/02/24

Project Ref. No.

5218618

Revision

P2

Drawing Number

HTR

HA PIN

01

Originator

ATK

Volume

HGN

Type

DR

Role

D

Number

0001A

PORTSMOUTH WATER