

LEGEND

Site Boundary

1	Updated details	18/05/23
0	Issued for information	20/10/2022
REV	COMMENT	DATE



Unit 8, Commerce Park Brunel Road Theale Reading RG7 4AB 01189 167340	Columbus House Greenmeadow Springs Tongwynlais Cardiff CF15 7NE 02920 358636	enquiries@englobecorp.com www.englobecorp.com
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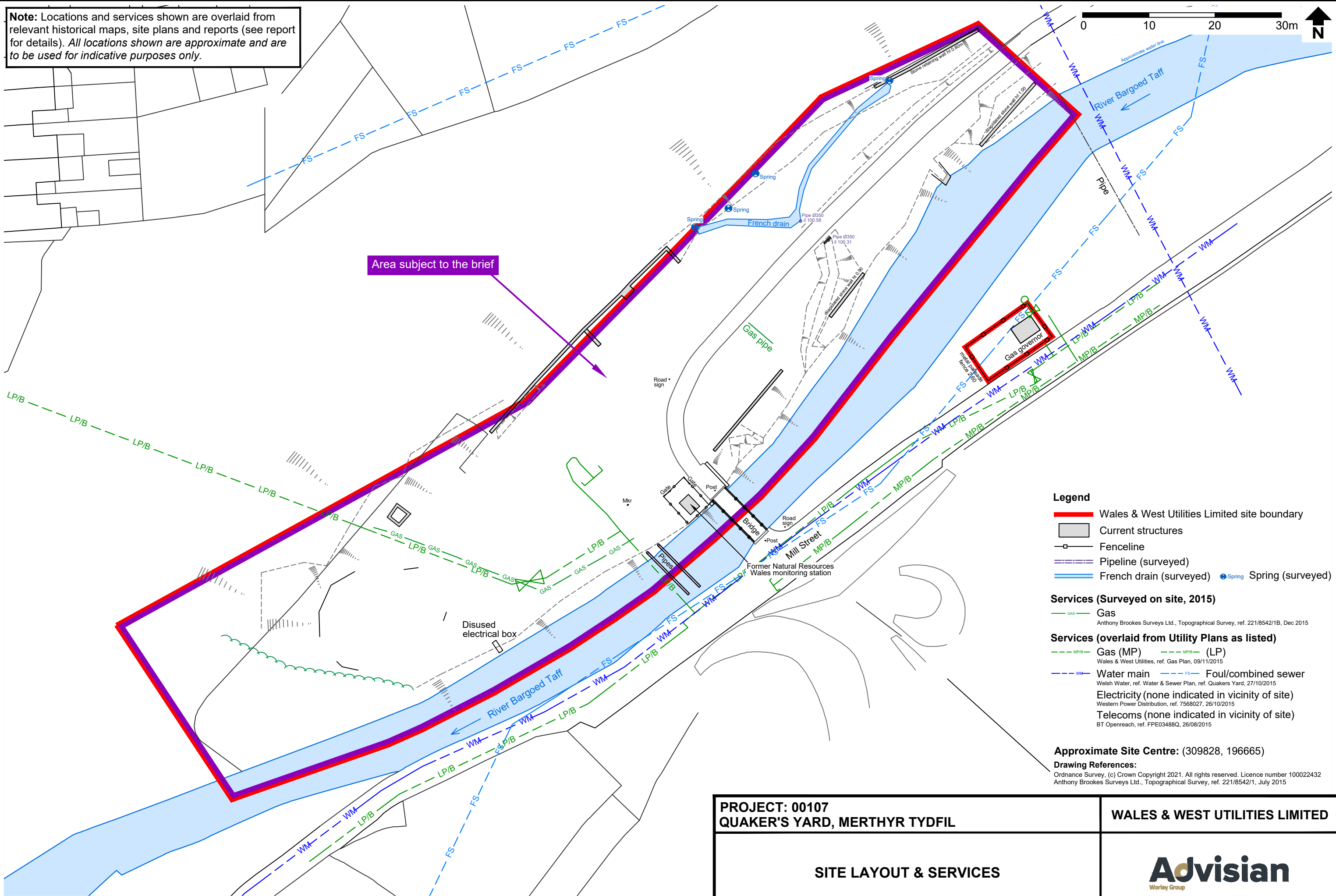
Project
Quakers Yard, Treharris

Title
Site Location Plan

Drawn by CC	Checked Date SK 20/10/2022	Authorised Date SK 20/10/2022
Original Scale N.T.S	Date 20/10/2022	Rev 0
Drawing Number		Paper A3

D1871/23/5302/A1

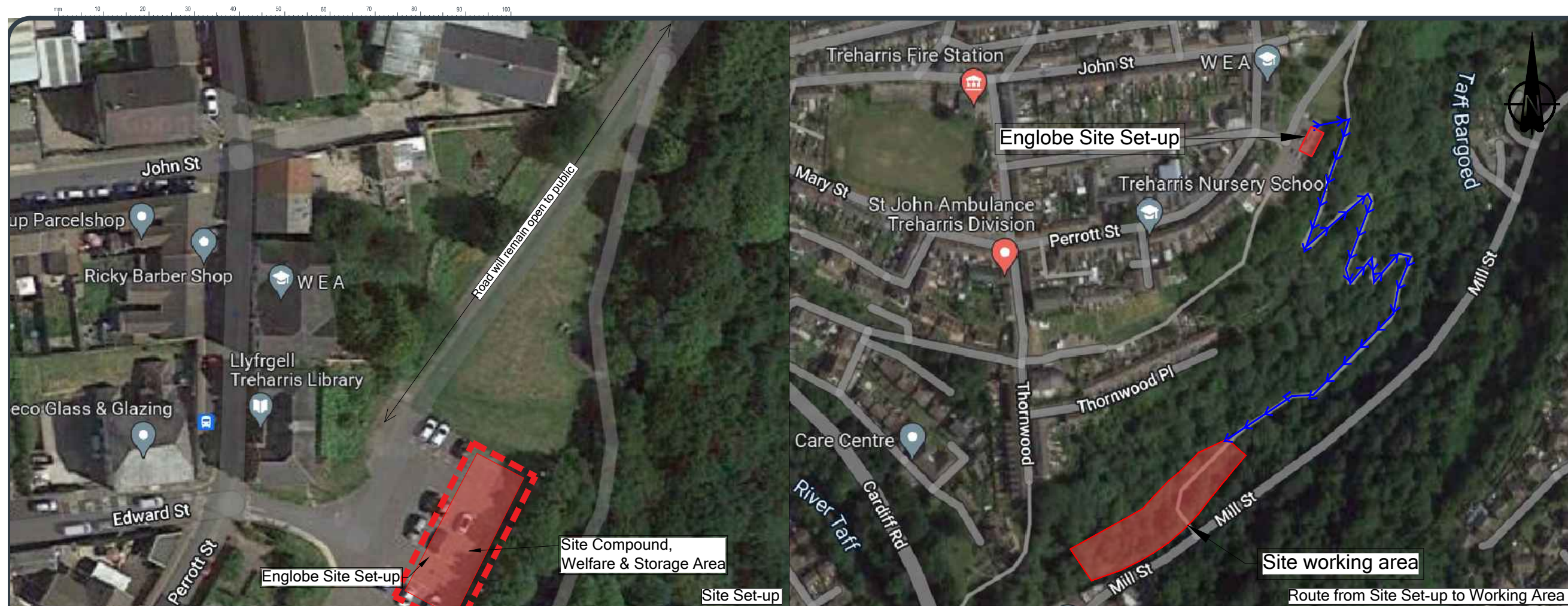
Note: Locations and services shown are overlaid from relevant historical maps, site plans and reports (see report for details). All locations shown are approximate and are to be used for indicative purposes only.



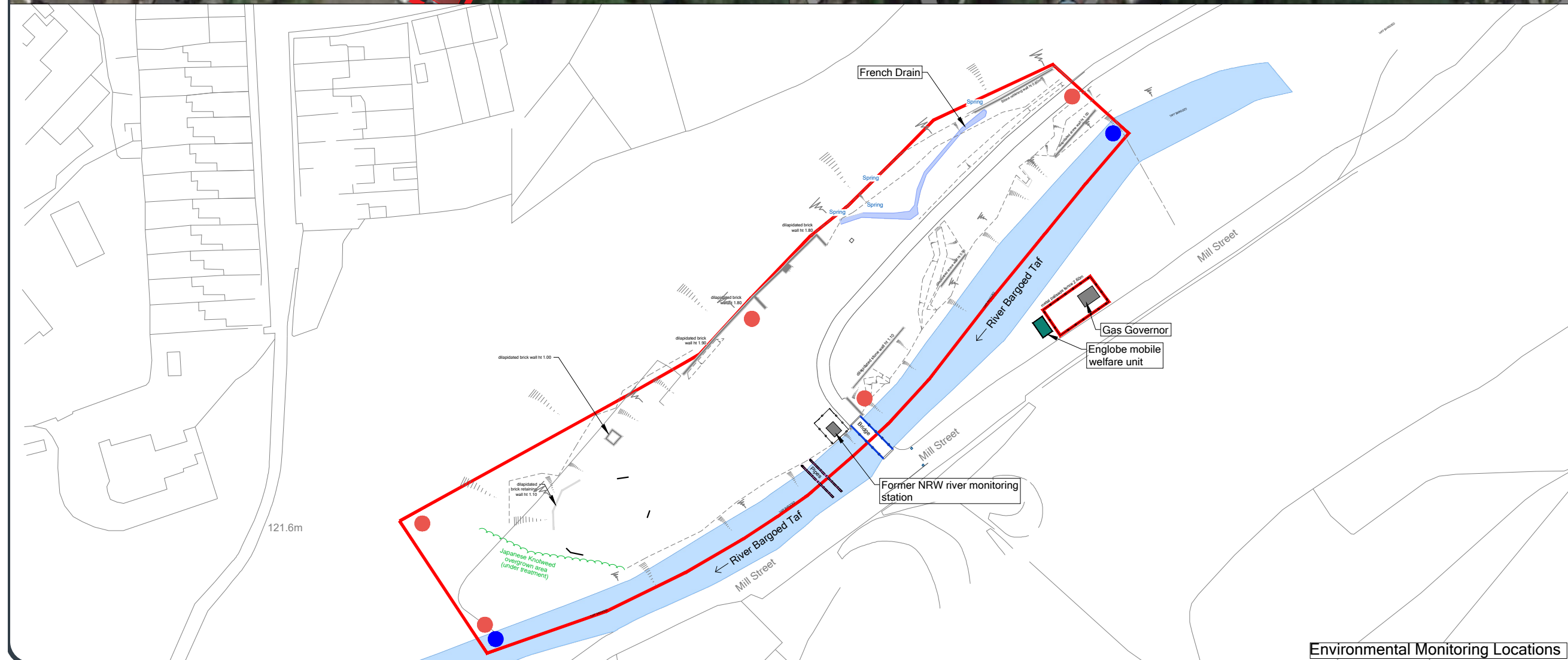
- Legend**
- Wales & West Utilities Limited site boundary
 - Current structures
 - Fenceline
 - Pipeline (surveyed)
 - French drain (surveyed)
 - Spring (surveyed)
- Services (Surveyed on site, 2015)**
- Gas
- Services (overlaid from Utility Plans as listed)**
- Gas (MP) (LP)
 - Water main
 - Foul/combined sewer
 - Electricity (none indicated in vicinity of site)
 - Telecoms (none indicated in vicinity of site)

Approximate Site Centre: (309828, 196665)
Drawing References:
Ordnance Survey, (c) Crown Copyright 2021. All rights reserved. Licence number 100022432
Anthony Brookes Surveys Ltd., Topographical Survey, ref. 221/8542/1, July 2015

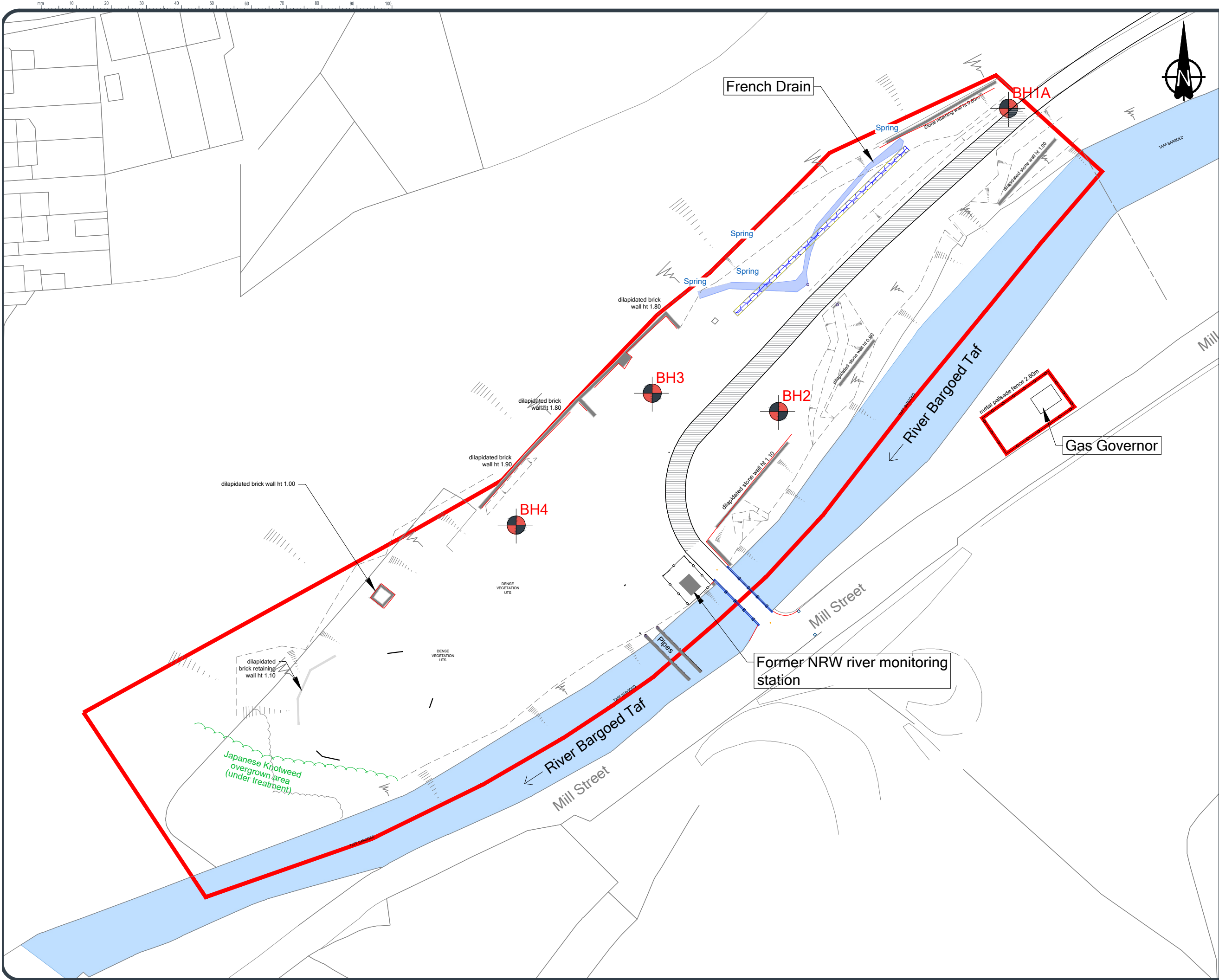
PROJECT: 00107 QUAKER'S YARD, MERTHYR TYDFIL							WALES & WEST UTILITIES LIMITED		
SITE LAYOUT & SERVICES									
DRAWN BY PM	STATUS DRAFT	APPROVER -	PAPER SIZE A2	DATE MAR 2022	SCALE 1:500	OFFICE BRISTOL	T +44 (0)117 925 1304 www.advisian.com	FIGURE 3	REV -




- LEGEND**
- WWU Limited Site Boundary
 - Englobe Site Set-up boundary
 - Access route between Englobe Site set-up and Site Working Area (will be closed to the public)
 - Mobile Welfare Unit
 - Environmental Monitoring Locations
 - River Monitoring Locations



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ENGLOBE		
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Columbus House Greenmeadow Springs Tongwynlais Cardiff CF15 7NE 02920 358636		
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Client		
WALES & WEST UTILITIES		
Project		
Quakers Yard, Treharris		
Title		
Site Set-up and Environmental Monitoring Locations		
Drawn by	Checked	Date
CC	SK	20/10/2022
Original Scale	Date	Rev
N.T.S	20/10/2022	1
Drawing Number		Paper
D1871/23/5302/A3		A3






LEGEND

- WWU Limited Site Boundary
- Englobe Borehole

0	First Issue	08/06/23
REV	COMMENT	DATE



Unit 8, Commerce Park
Brunel Road
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Project

Quakers Yard, Treharris

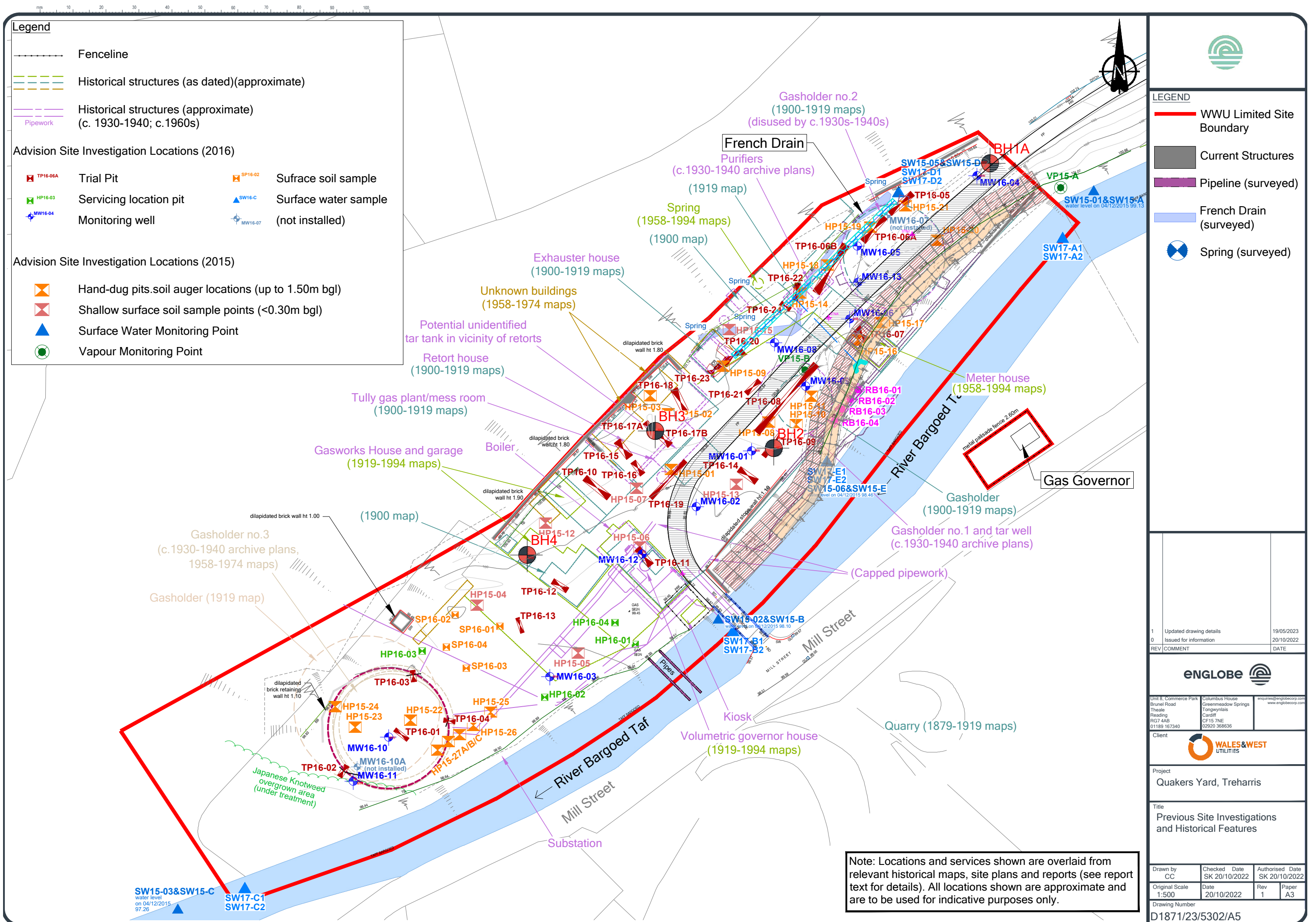
Title

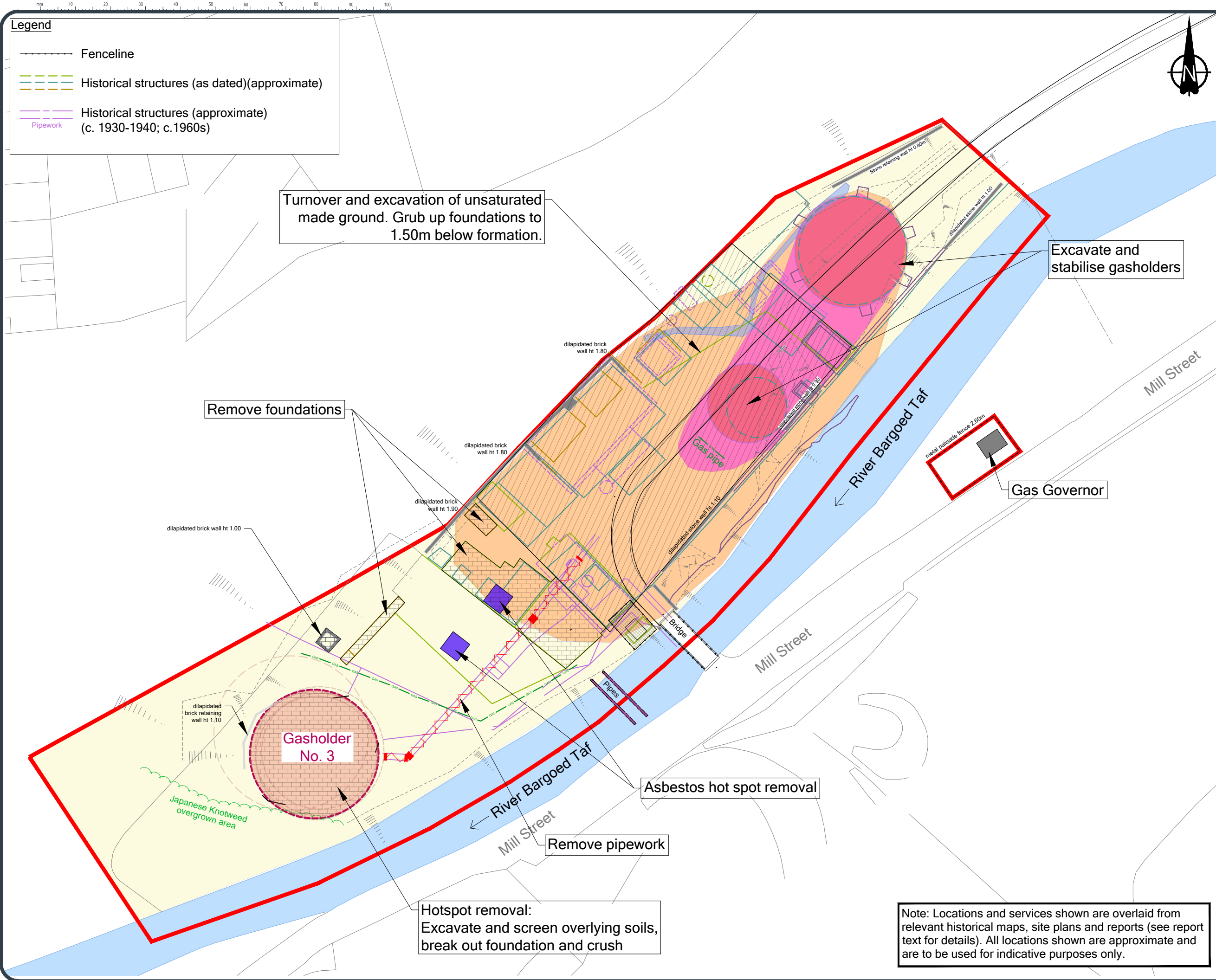
Borehole Survey Locations

Drawn by CC	Checked SK	Date 08.06.23	Authorised SK	Date 08.06.23
Original Scale 1:500	Date 08.06.23	Rev 1	Paper A3	

Drawing Number

D1871/23/5270/A4





Legend

- Fenceline
- Historical structures (as dated)(approximate)
- Historical structures (approximate) (c. 1930-1940; c.1960s)
- Pipework

LEGEND

- WWU Limited Site Boundary
- Current Structures
- Pipeline (surveyed)
- French Drain (surveyed)
- Remediation Areas
 - Gasholder stabilisation
 - Asbestos removal works (as shown)
 - Foundation removal works (as shown)
 - Excavation works (as shown)
 - Demolition works (as shown)
 - Pipework removal works (as shown)
- Source Area A
- Source Area B
- Source Area C

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ENGLOBE

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WALES & WEST UTILITIES

Project

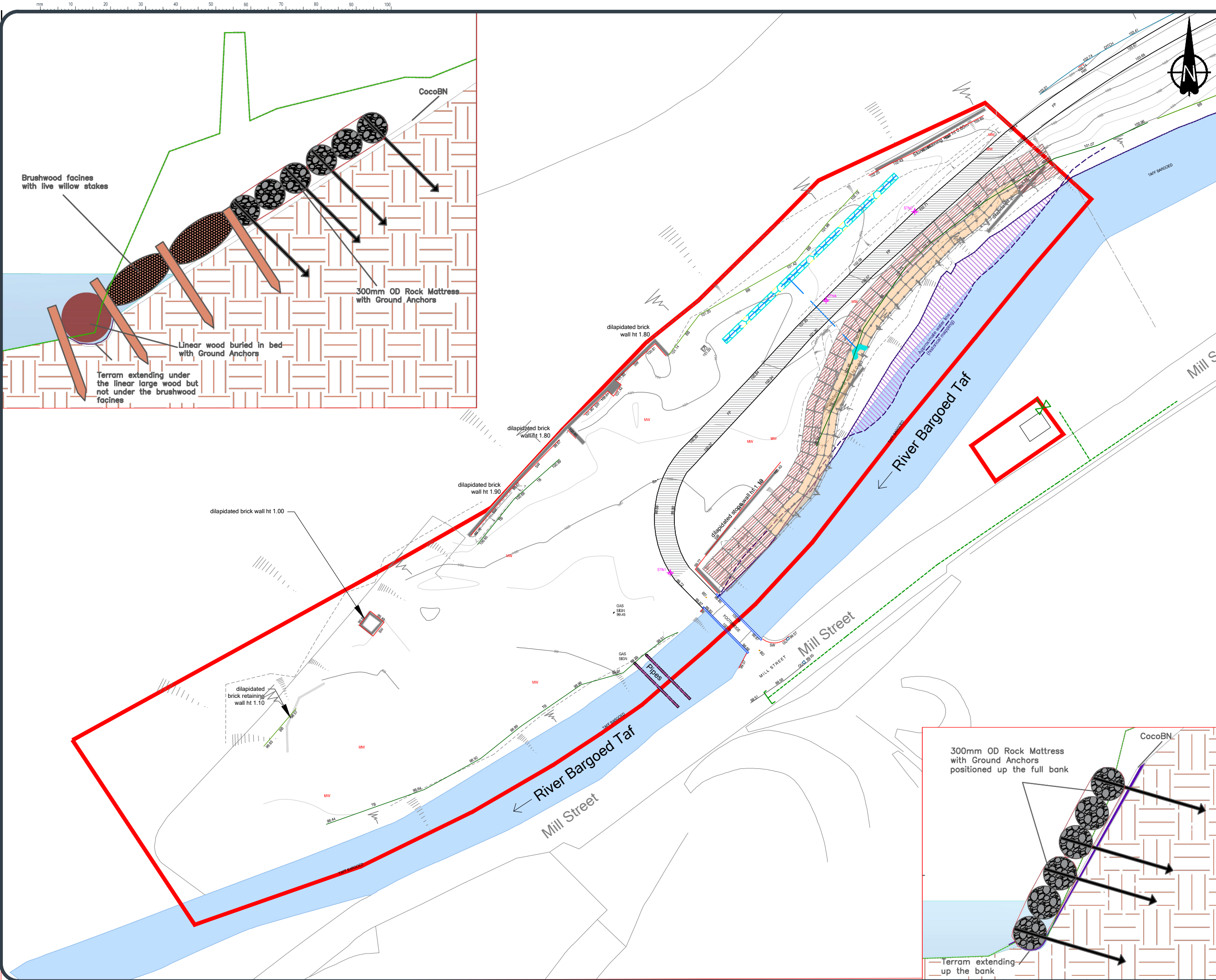
Quakers Yard, Treharris

Title

Remediation Areas

Drawn by CC	Checked SK	Date 20/10/2022	Authorised SK	Date 20/10/2022
Original Scale 1:500	Date 20/10/2022	Rev 1	Paper A3	
Drawing Number D1871/23/5302/A6				

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- LEGEND**
- WWU Limited Site Boundary
 - Current Structures
 - Pipeline (surveyed)
 - French Drain (surveyed)
 - Brushwood facies
 - Proposed rock mattress bank protection
 - Live willow stakes
 - Large wood toe protection

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Project
Quakers Yard, Treharris

Title
Final Site Conditions

Drawn by CC	Checked SK	Date 20/10/2022	Authorised SK	Date 20/10/2022
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Drawing Number
D1871/23/5302/A7

Brushwood facies
with live willow stakes

CocoBN

300mm OD Rock Mattress
with Ground Anchors

Linear wood buried in bed
with Ground Anchors

Terram extending under the
linear large wood but not
under the brushwood facies

dilapidated brick wall ht 1.00

dilapidated brick
wall ht 1.80

dilapidated brick
wall ht 1.90

dilapidated
brick retaining
wall ht 1.10

dilapidated stone wall ht 1.40

River Bargoed Taf

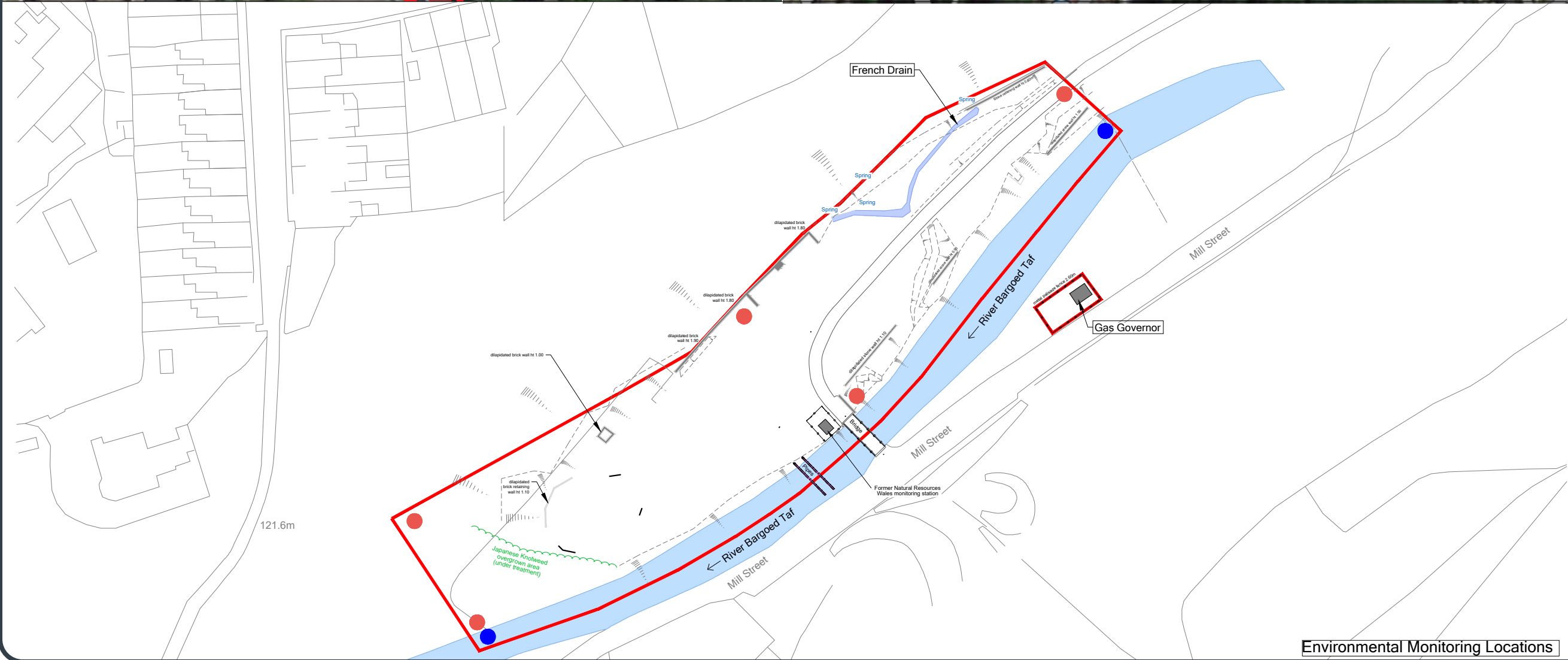
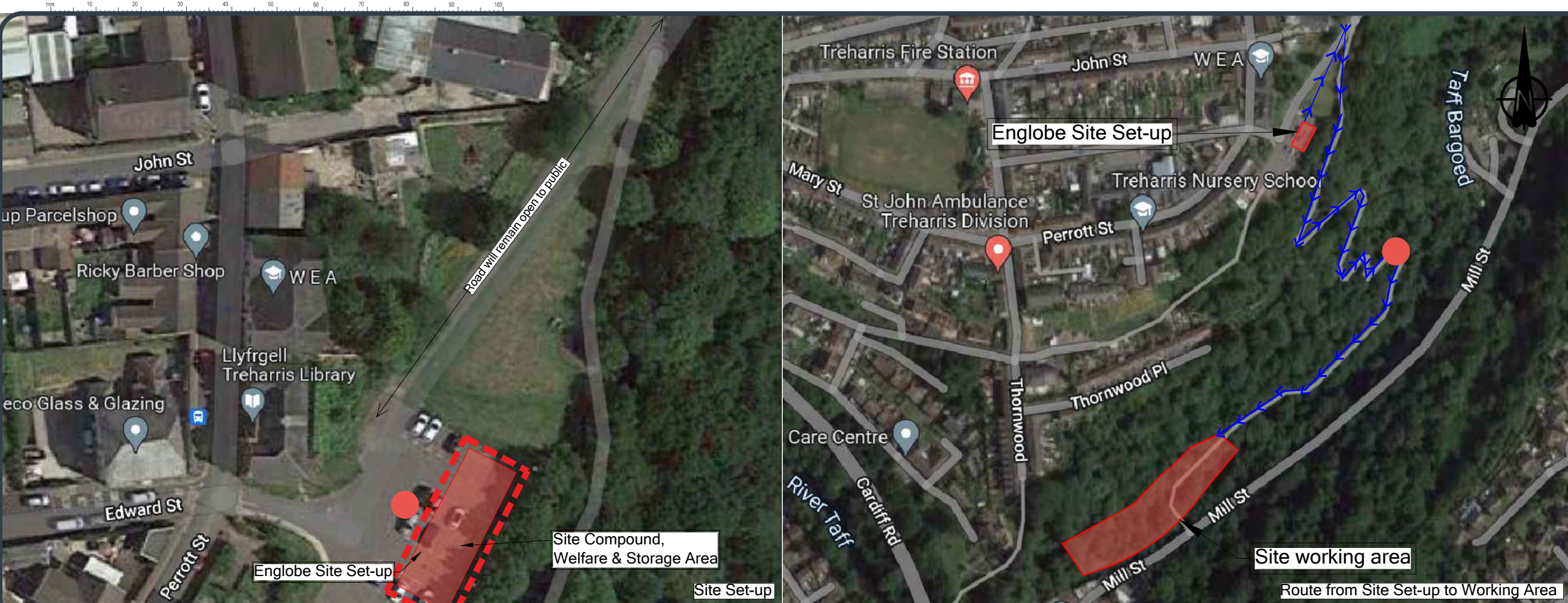
Mill Street


River Bargoed Taf

300mm OD Rock Mattress
with Ground Anchors
positioned up the full bank

CocoBN

Terram extending
up the bank






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- WWU Limited Site Boundary
- Englobe Site Set-up boundary
- Access route between Englobe Site set-up and Site Working Area (will be closed to the public)
- Environmental Monitoring Locations
- River Monitoring Locations

Environmental Monitoring shall include

- PID (VOCs)
- Dust (PM10 and 2.5)
- Tenax Tubes
- Odour (Olfactory)
- Noise

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Project

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Title

Site Set-up and Environmental Monitoring Locations

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Drawing Number

D1871/23/5302/EMP



- 1 Potential linkage to current and future site users in public open space (parks) scenario, direct contact and inhalation.
- 2 Potential linkage for dissolved phase contamination, leached by spring water, flowing across site in unlined channel and flowing into river.
- 3 Downwards migration of contamination from shallow unsaturated zone (made ground) to aquifer and lateral flow into river.
- 4 Some limited downwards migration of dissolved phase into deeper aquifer, with potential to flow beneath river into wider aquifer.
- 5 Potential for off-site migration of dissolved phase and then upwards vapours phase migration considered very limited

