

**Site address:**

Brigam Farm  
Llanharry  
Pontyclun  
Vale of Glamorgan  
CF72 9JX

**Grid Ref of tank:**

SS 99312 79915

**Key:**

- Tank location
- Main delivery route
- Boundary of Brigam Farm land



**Date:** 26/05/20

**Map ref:** BF\_LP

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**Site address:**  
Brigam Farm  
Llanharry  
Pontyclun  
Vale of Glamorgan  
CF72 9JX

**Grid Ref of tank:**  
SS 99312 79915

**Key:**

- Tank location
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**Date:** 26/05/20  
**Map ref:** BF\_LP

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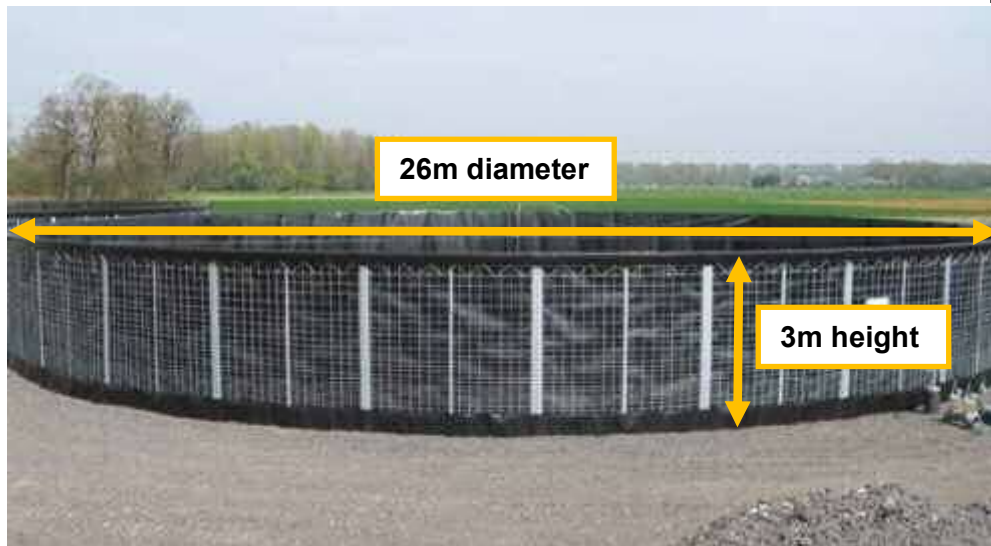


Fig 1. Image showing the full width of the storage tank and the steel mesh with HDPE liner walls.

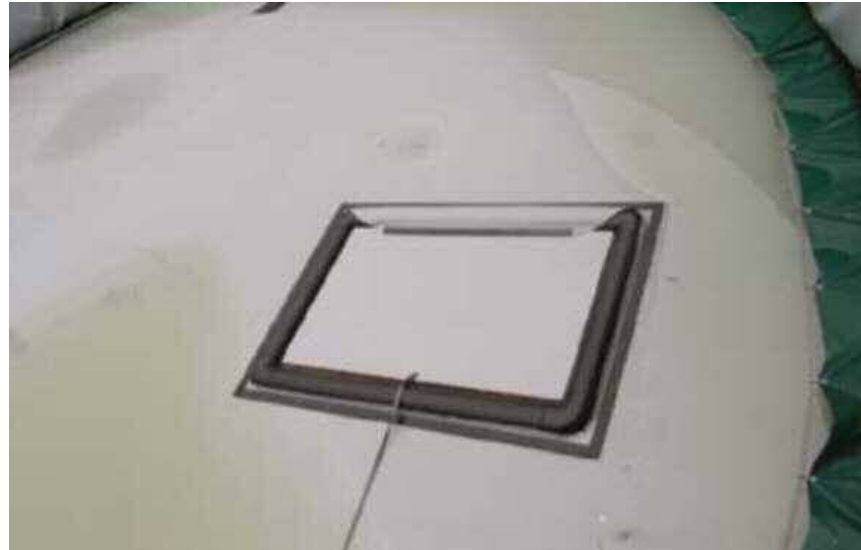


Fig 2. Image showing the floating cover with mixing hatch.



## Dimensions

Round tank has a diameter of 26 m and is 3 m high. Floor area equates to 531 m<sup>2</sup>. Volume of liquid in storage can range from 192 m<sup>3</sup> up to a maximum of 1246 m<sup>3</sup>.

## Technical specifications

The silo consists of a galvanised exterior positioned on tiles. The interior is equipped with 1 ½ mm thick HDPE foil to protect the liner. This silo is finished with a floating cover as a standard feature. The silo is emptied through the discharge- / filling point, the 250 mm pipe is located beneath the silo or over the edge, the connection is 6" or 8".

## Floating cover

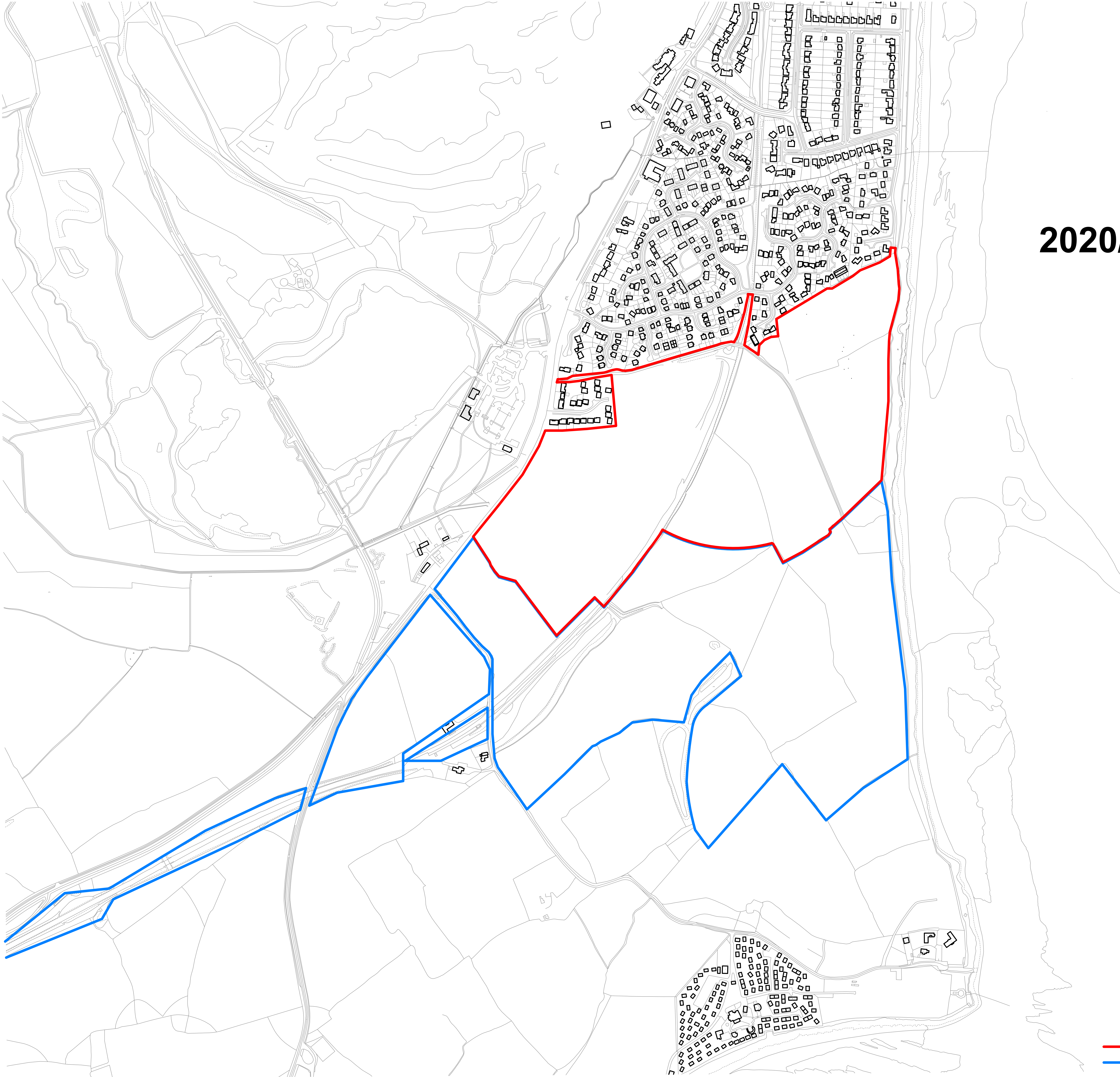
Foil: Standard reinforced PVC Foil 850 gram/m<sup>2</sup>.  
Floating cover pipe: impact-resistant PVC pressure pipe 160 mm.  
Standard mixing hatch shown in fig 2.

**Document Ref:** \_Specs

**Date:** 22/05/20



2020/01170/FUL

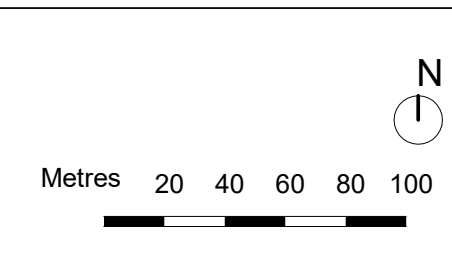


1 Existing Site Plan  
1 : 2500

— site boundary  
— Welsh Government landholding

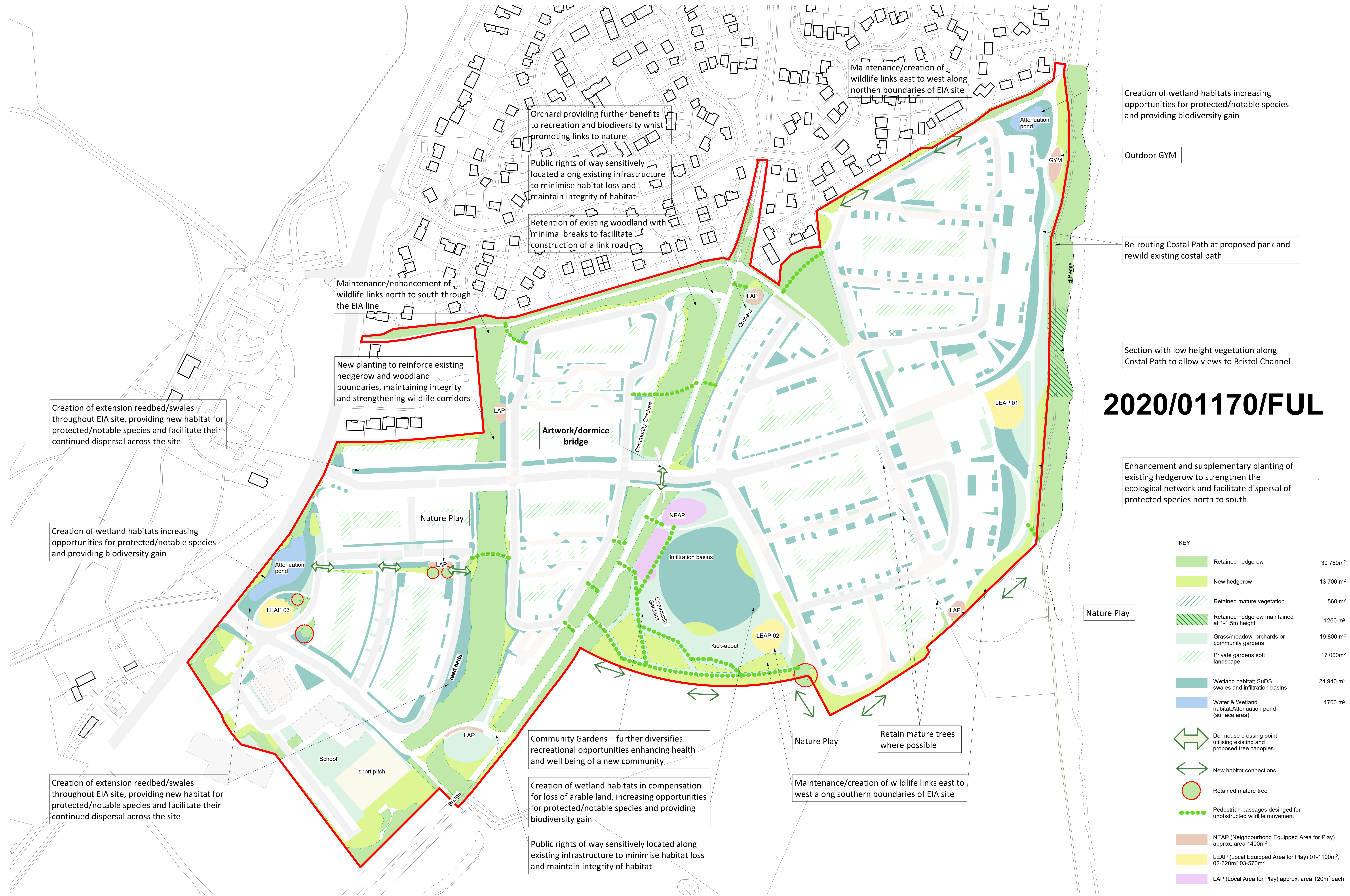
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| 2   | Issue for   | TE | SB  | 13.07.19 |       |         |             |
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| 9   | Issue for   | TE | SB  | 13.07.19 |       |         |             |
| 10  | Issue for   | TE | SB  | 13.07.19 |       |         |             |

|  |   |                  |                         |   |
|--|---|------------------|-------------------------|---|
| DO NOT SCALE. Use figure dimensions only.<br>This drawing is a reference to the site plan.<br>Dimensions before this work is put in hand<br>and appropriate scale and level. | Drawn<br>TE<br>Austin-Smith Lord LLP<br>Architects Designers Planners<br>Landscape Architects<br>Civil Engineering<br>Cardiff<br>011 558<br>1 +44 (0)2920 225 208 | Date<br>02.05.19 | Scale: @ A0<br>1 : 2500 | Status<br>SB<br>© cardiff@austinsmithlord.com<br>Drawing and made possible by<br>Austin-Smith Lord LLP BIM using Autodesk Revit |
|--|---|------------------|-------------------------|---|



|  |  |
|--|--|
| <b>Austin-Smith:Lord</b><br>Project: Upper Farm Commission | Description: Existing Site Plan        |
| Job No.<br>318054  | Drawing No.<br>UFC-ASL-CD-SD-DR-A-0000 |
| Revision   | Revision                               |

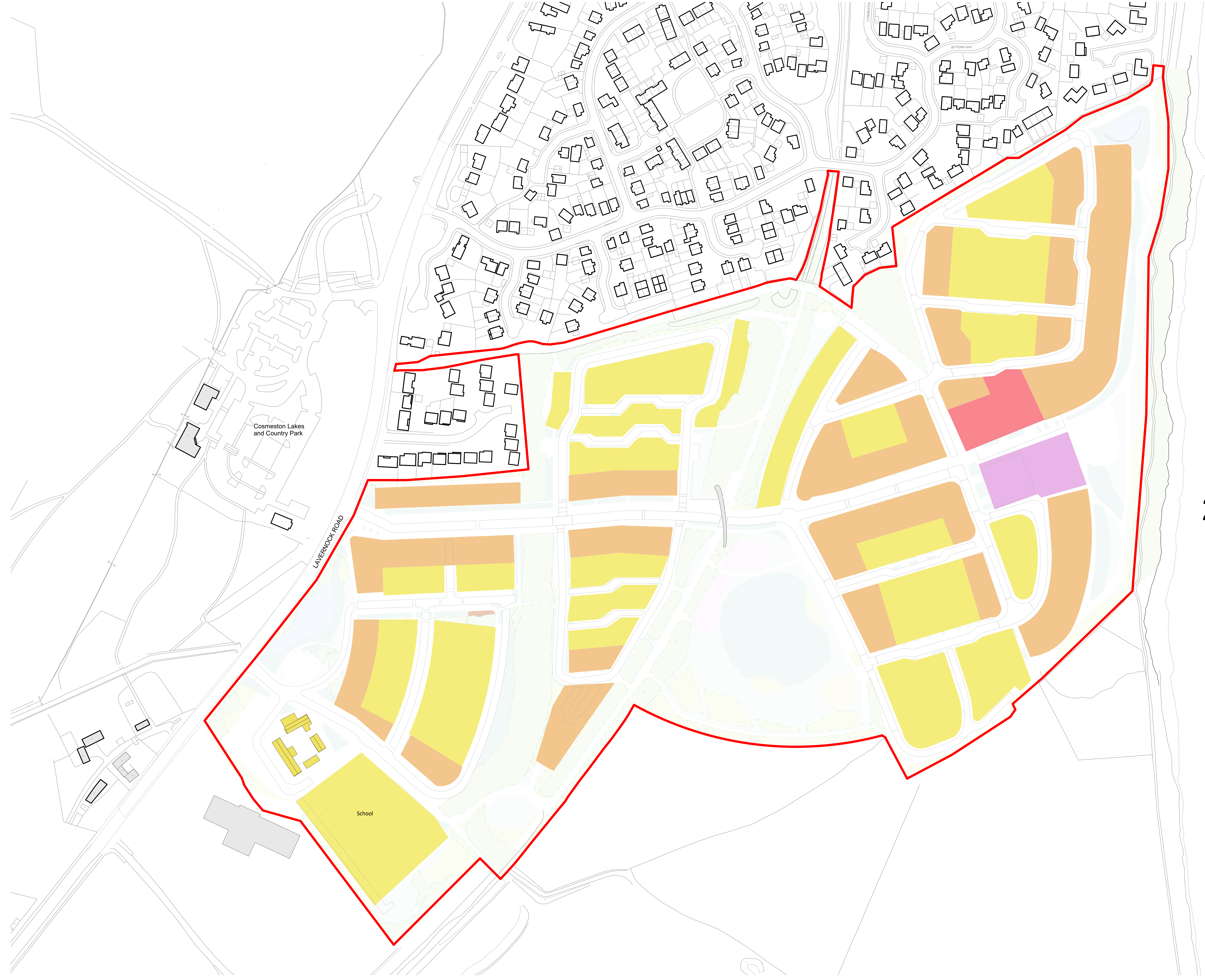




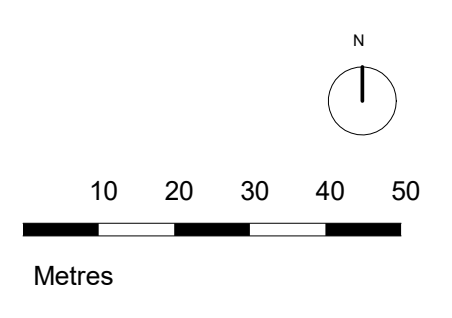
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| <div></div> | Retained hedgerow   | 30 750m²  |
| <div></div> | New hedgerow  | 13 700 m² |
| <div></div> | Retained mature vegetation  | 560 m²    |
| <div></div> | Retained hedgerow maintained at 1-1.5m height                         | 1260 m²   |
| <div></div> | Grass/meadow, orchards or community gardens                           | 19 800 m² |
| <div></div> | Private gardens soft landscape  | 17 000m²  |
| <div></div> | Wetland habitat; SuDS swales and infiltration basins                  | 24 940 m² |
| <div></div> | Water & Wetland habitat; Attenuation pond (surface area)              | 1700 m²   |
| <div></div> | Dormouse crossing point utilising existing and proposed tree canopies |           |
| <div></div> | New habitat connections   |           |
| <div></div> | Retained mature tree  |           |
| <div></div> | Pedestrian passages designed for unobstructed wildlife movement       |           |
| <div></div> | NEAP (Neighbourhood Equipped Area for Play) approx. area 1400m²       |           |
| <div></div> | LEAP (Local Equipped Area for Play) 01-1100m², 02-620m², 03-570m²     |           |
| <div></div> | LAP (Local Area for Play) approx. area 120m² each                     |           |

| No. | Description  | Unit | Value  | Check | Date     |
|-----|--|------|--------|-------|----------|
| 1   | Retained hedgerow  | m²   | 30 750 |       | 20/08/20 |
| 2   | New hedgerow   | m²   | 13 700 |       | 20/08/20 |
| 3   | Retained mature vegetation                               | m²   | 560    |       | 20/08/20 |
| 4   | Retained hedgerow maintained at 1-1.5m height            | m²   | 1260   |       | 20/08/20 |
| 5   | Grass/meadow, orchards and community gardens             | m²   | 19 800 |       | 20/08/20 |
| 6   | Private gardens soft landscape                           | m²   | 17 000 |       | 20/08/20 |
| 7   | Wetland habitat; SuDS swales and infiltration basins     | m²   | 24 940 |       | 20/08/20 |
| 8   | Water & Wetland habitat; Attenuation pond (surface area) | m²   | 1700   |       | 20/08/20 |





2020/01170/FUL



- KEY
- Maximum 5 Storeys  
highest point maximum 17m above ground level
  - Maximum 4 Storeys  
highest point maximum 15m above ground level
  - Maximum 3 Storeys  
building width minimum 5 m maximum 9.5m  
building depth minimum 7.5 m maximum 12.5m  
building eaves height maximum 9.5m
  - 2-2.5 Storeys  
building width minimum 5 m maximum 9.5m  
building depth minimum 7.5 m maximum 12.5m  
building eaves height maximum 6.5m

| Rev | Description                 | By | Chk | Date     | Drawn | Checked | Date Issued |
|-----|-----------------------------|----|-----|----------|-------|---------|-------------|
| 1   | Initial Design              | TE | TE  | 02.05.19 |       |         |             |
| 2   | Revised Layout & Details    | TE | TE  | 12.08.20 |       |         |             |
| 3   | Final Design & Construction | TE | TE  | 12.08.20 |       |         |             |
| 4   | Final Design & Construction | TE | TE  | 12.08.20 |       |         |             |
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| 13  | Final Design & Construction | TE | TE  | 12.08.20 |       |         |             |
| 14  | Final Design & Construction | TE | TE  | 12.08.20 |       |         |             |
| 15  | Final Design & Construction | TE | TE  | 12.08.20 |       |         |             |
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| 17  | Final Design & Construction | TE | TE  | 12.08.20 |       |         |             |
| 18  | Final Design & Construction | TE | TE  | 12.08.20 |       |         |             |
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| 20  | Final Design & Construction | TE | TE  | 12.08.20 |       |         |             |

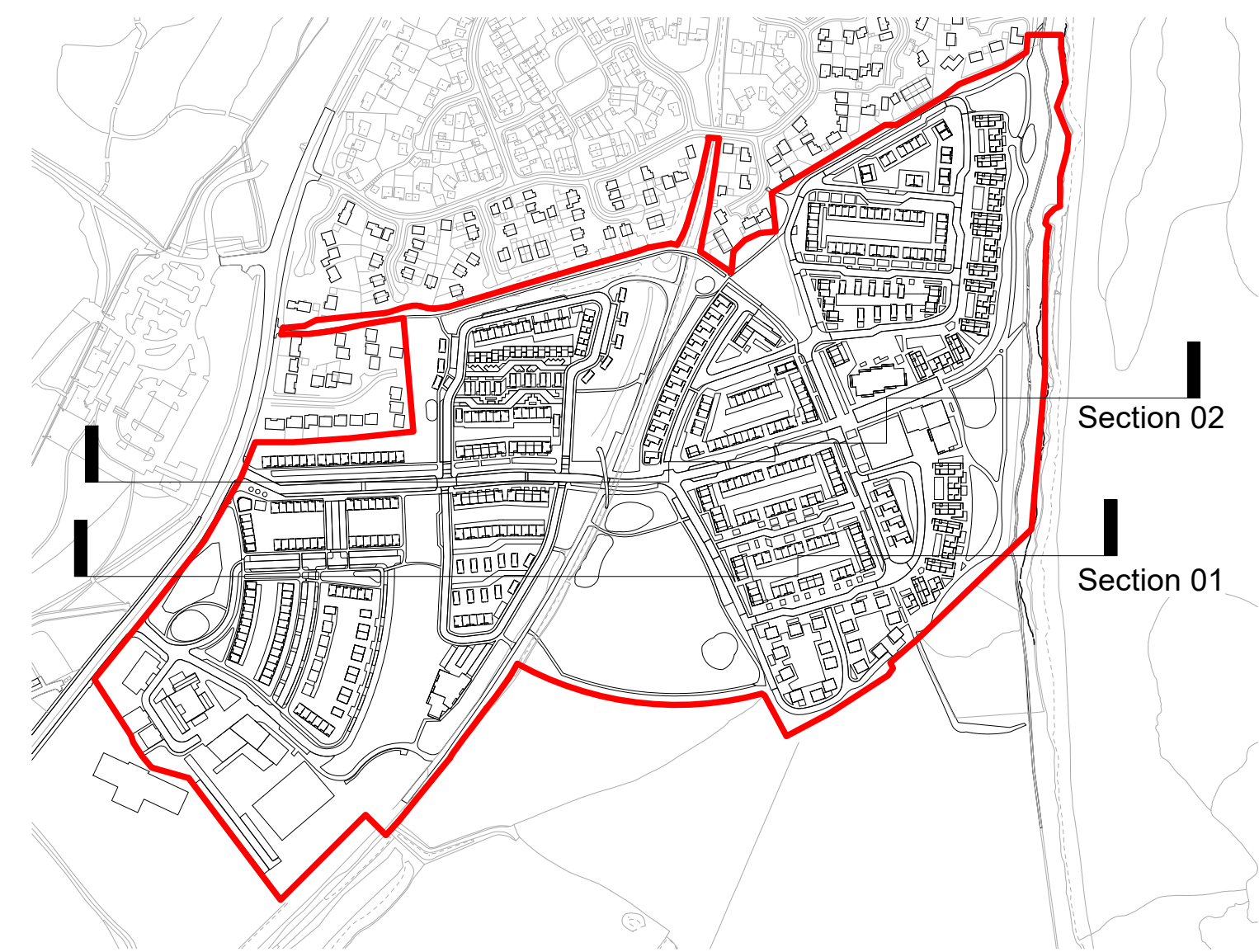
1 Parameter Plan - Building Parameters  
1 : 1000

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| DO NOT SCALE - Use figure dimensions only.<br>This drawing is intended to show dimensions before the work is put in hand.<br>All dimensions are to the centre line of the building. | Drawn<br>TE<br>Date<br>02.05.19<br>Scale @ A0<br>1 : 1000<br>Status<br>SB | TE<br>Austin-Smith Lord LLP<br>Architects, Designers, Planners<br>Landscape Architects<br>Civil Engineers<br>0115 258 1444 (02920) 225 208<br>e card@austinsmithlord.com<br>Drawing and made possible by<br>Austin-Smith Lord LLP BIM using Autodesk Revit | <b>Austin-Smith:Lord</b><br>Project Upper Farm Correction<br>Description Parameter Plan - Building Parameters<br>Job No.<br>318254<br>Drawing No.<br>LFC-ASL-CD-SD-DB-A-0932<br>Revision<br>- |
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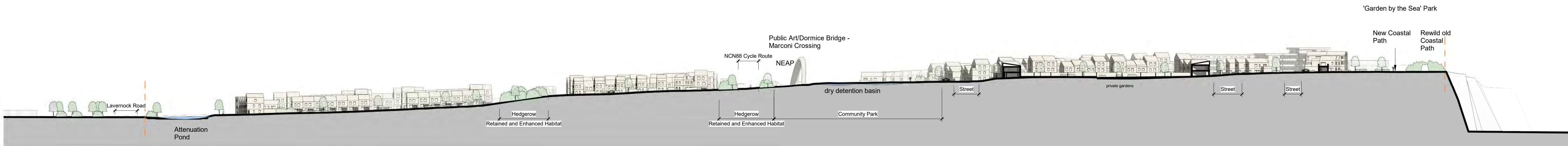




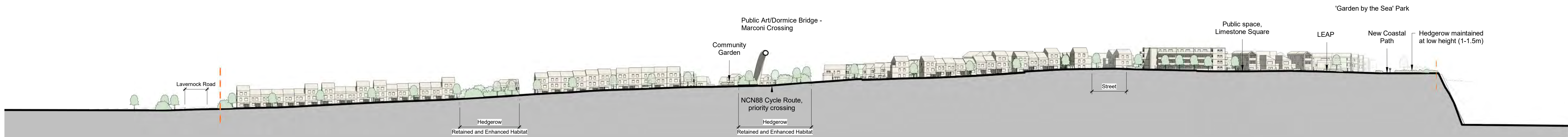


0 Site Plan Section Key 01  
1 : 5000

2020/01170/FUL



1 Site Section 01  
1 : 1000



2 Site Section 02  
1 : 1000

| Rev | Description  | Drawn | Checked | Date Issued |
|-----|--|-------|---------|-------------|
| 01  | Revised boundary line  | TS    | TS      | 28.08.19    |
| 02  | Revised Layout Option 9                                      | TS    | TS      | 13.08.20    |
| 03  | Layout Option 7, comments response                           | TS    | TS      | 19.08.20    |
| 04  | Layout Option 8 revised layout, school site and farm listing | TS    | TS      | 13.10.21    |
| 05  | East Boundary extended to off-edge                           | TS    | TS      | 22.02.22    |
|     |  |       |         |             |
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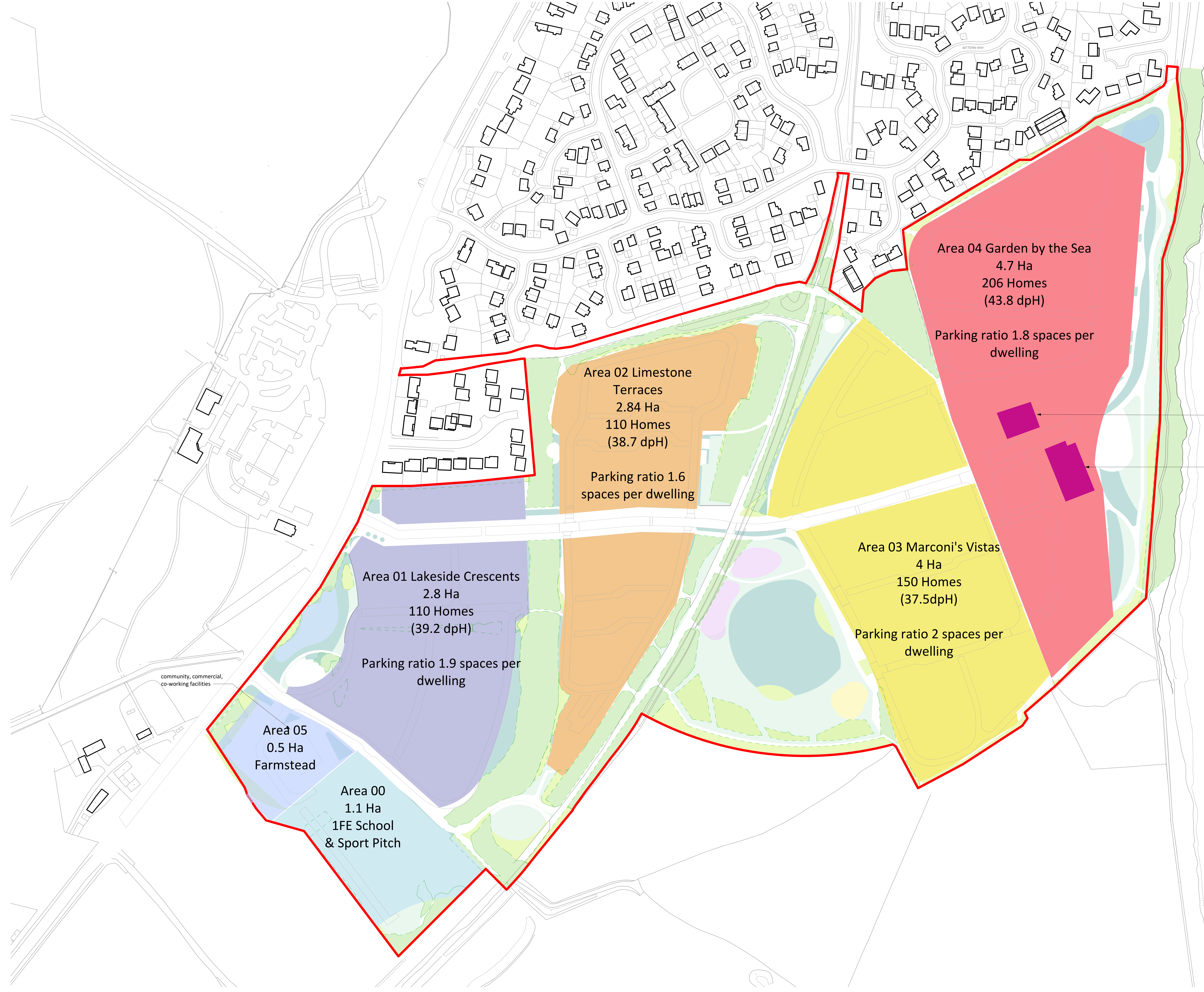
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Date  
Scale @ A1  
Status

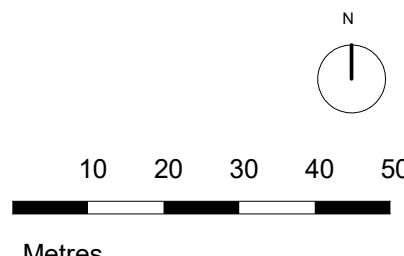
TE  
02.05.19  
As Indicated  
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Landscape Architects  
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CF11 0SN  
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e cardiff@austinsmithlord.com  
Drawings and models powered by  
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| Austin-Smith:Lord                    |                               |          |    |
|--------------------------------------|-------------------------------|----------|----|
| Project Upper Farm Cosmeston         |                               |          |    |
| Description Indicative Site Sections |                               |          |    |
| Job No.                              | Drawing No.                   | Revision | P5 |
| 318054                               | UFC- ASL- 00- ZZ- DR- A- 0950 |          |    |





2020/01170/FUL



- KEY
- Area 00 - School & Sport Pitch
  - Area 01 - Residential
  - Area 02 - Residential
  - Area 03 - Residential
  - Area 04 - Residential
  - Area 05 - Community, Educational or Commercial
  - Mixed Use

Note: Homes numbers are approximate estimation based on indicative layout

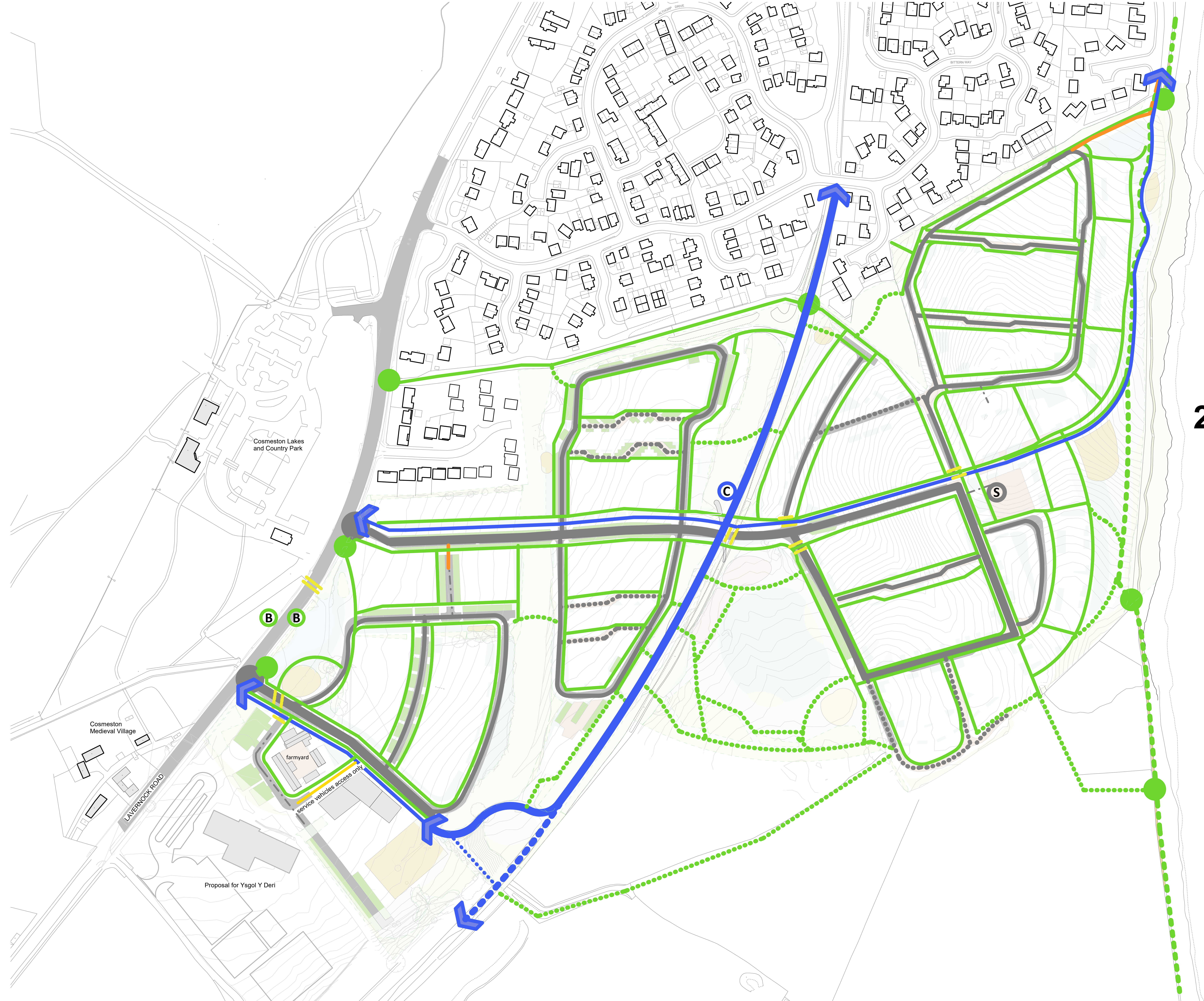
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1 Parameter Plan - Land Use & Density  
1:1000

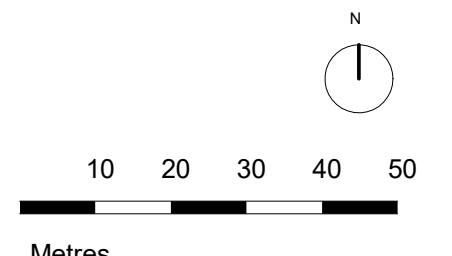
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| Date       | 02/05/20 | Architects, Designers, Planners |
| Scale @ A0 | 1:1000   | Landscape Architects            |
| Status     | SB       | Cardiff                         |

|  |                         |
|--|-------------------------|
| Austin-Smith:Lord                                |                         |
| Project: Upper Farm Commission                   |                         |
| Description: Parameter Plan - Land Use & Density |                         |
| Job No.  | 318054                  |
| Drawing No.                                      | UFC-ASL-CD-SD-DR-A-0931 |
| Revision   |                         |





2020/01170/FUL



- KEY**
- Extension of NCN88 Cycle Route
  - Future extended connection cycle routes
  - Cycle route
  - 4m wide emergency vehicle access pedestrian route
  - Service vehicle access only pedestrian route
  - Pedestrian route
  - Pedestrian passages designed for unobstructed wildlife movement
  - New Coastal Path
  - Pedestrian Gateway
  - Pedestrian and cycle priority crossing
  - Vehicular Site Access
  - Primary Vehicular Route - Future proofed for potential Bus route
  - Secondary Vehicular Route
  - Home Zone Route - Pedestrian Priority
  - Parking Access only
  - BUS Stop
  - Bicycle Hire (indicative)
  - Dedicated Street Car Rental Spaces (indicative)

Notes:  
Electric vehicle charging ready infrastructure throughout the development road network

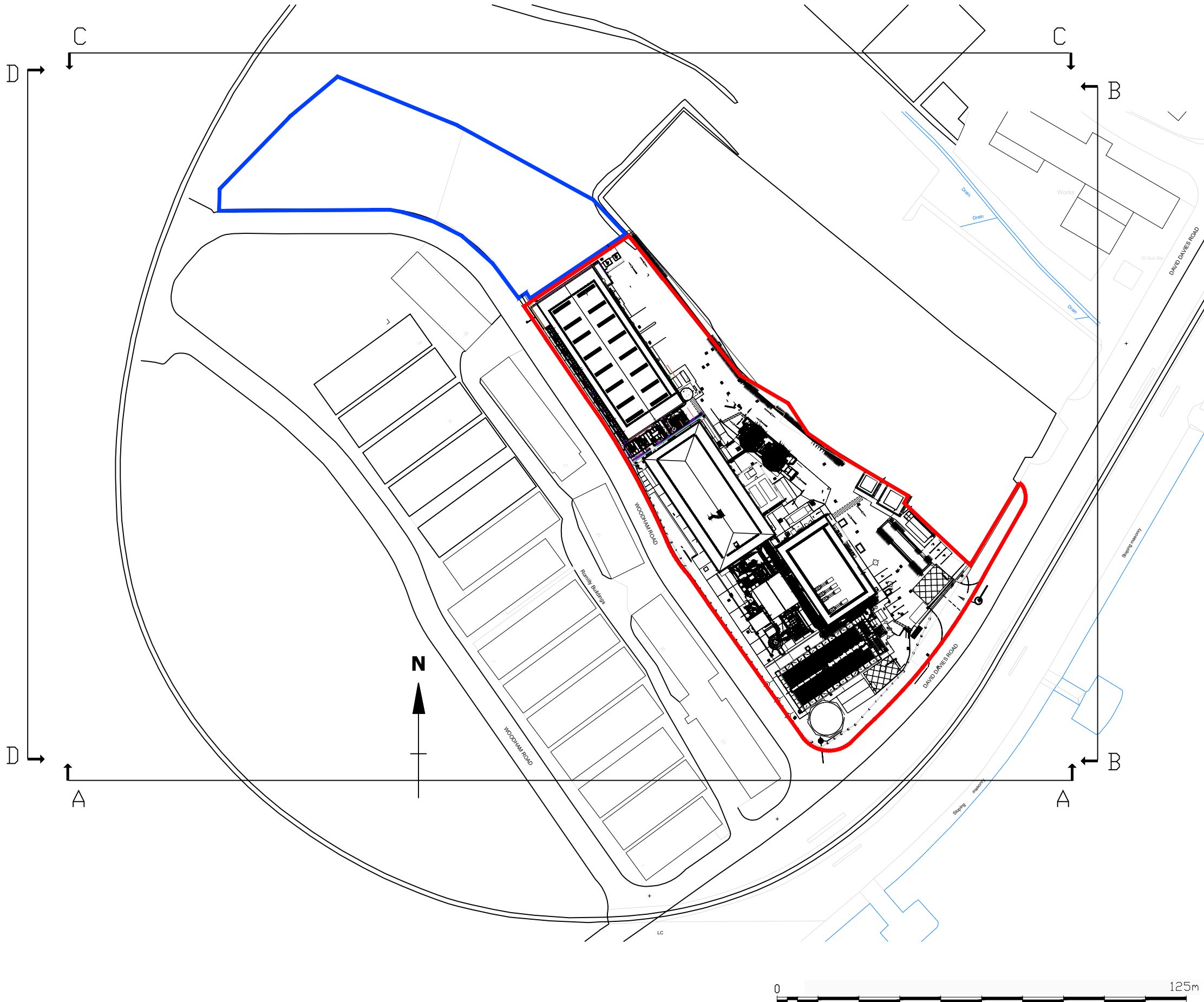
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| 49  | Issue for comment | TE | 02/05/19 |         |      |
| 50  | Issue for comment | TE | 02/05/19 |         |      |

1 Parameter Plan - Access & Movement  
1 : 1000

|             |          |  |
|-------------|----------|--|
| Drawn       | TE       | Austin-Smith:Lord LLP                    |
| Date        | 02/05/19 | Architects, Designers, Planners          |
| Scale: @ A0 | 1 : 1000 | Landscapes, Architects                   |
| Status      | SD       | and the Planning Office                  |
|             |          | Cardiff                                  |
|             |          | 011 1 225 208                            |
|             |          | 1 + 44 (0)2920 225 208                   |
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|             |          | Austin-Smith:Lord LLP using AutoCAD 2014 |

|   |        |             |          |
|---|--------|-------------|----------|
| Austin-Smith:Lord                               |        |             |          |
| Project: Upper Farm Corridor                    |        |             |          |
| Description: Parameter Plan - Access & Movement |        |             |          |
| Job No.   | 318254 | Drawing No. | Revision |
| UFC - ASD - CD - SD - DR - A - 0934             |        |             |          |





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|------|--------|----------|-------|-------------|
| P01  | S0     | 15.12.22 | TS    | FIRST ISSUE |
| Rev. | Status | Date     | Check | Description |

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Project  
BARRY - BIOMASS  
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BARRY BIOMASS UK No.2 LTD

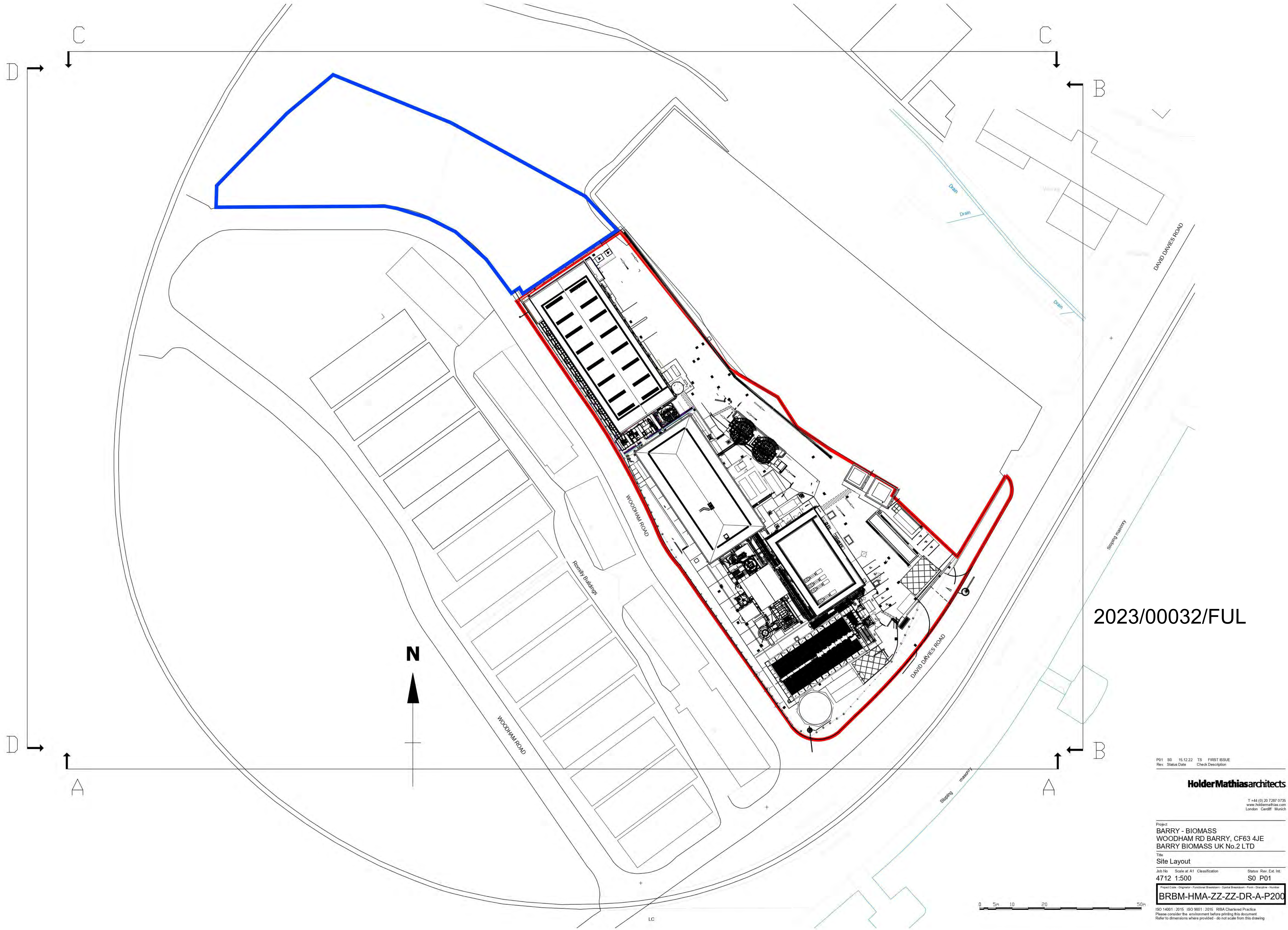
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| 4712   | 1:1250      |                | S0     | P01  |      |      |

Project Code - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Number  
BRBM-HMA-ZZ-ZZ-DR-A-P205

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| Rev. | Status | Date     | Check | Description |

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Project  
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WOODHAM RD BARRY, CF63 4JE  
BARRY BIOMASS UK No.2 LTD

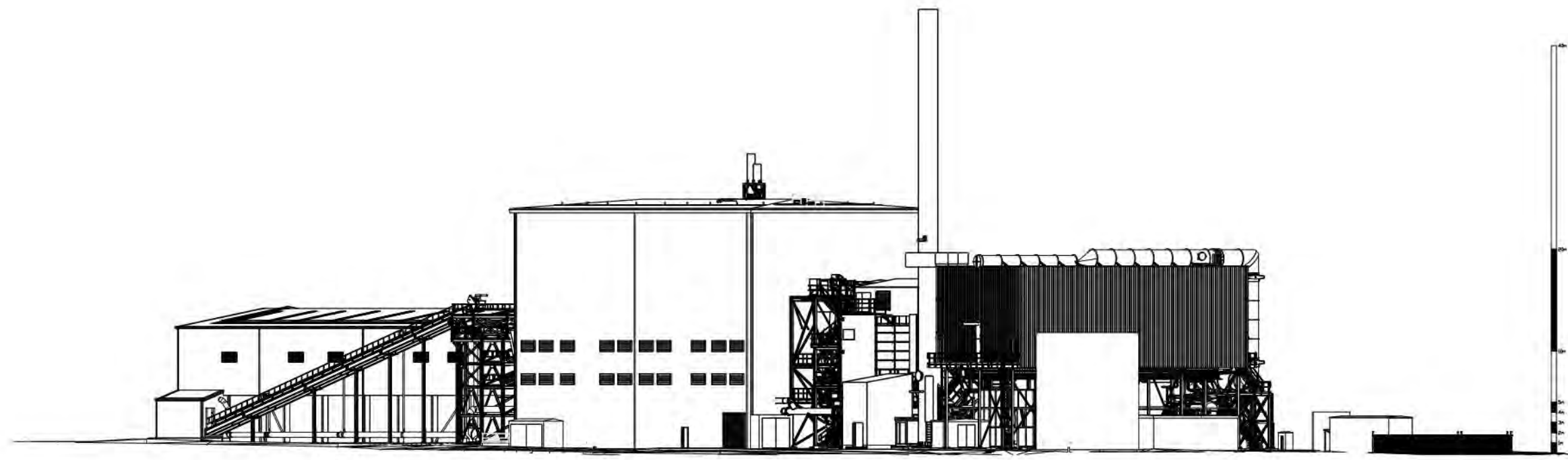
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Site Layout

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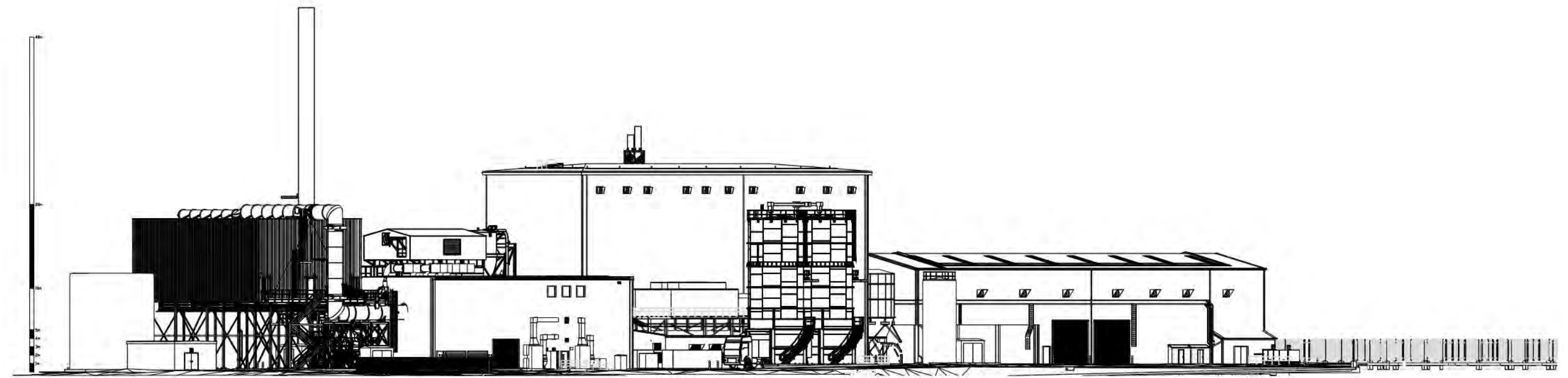
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**BRBM-HMA-ZZ-ZZ-DR-A-P200**

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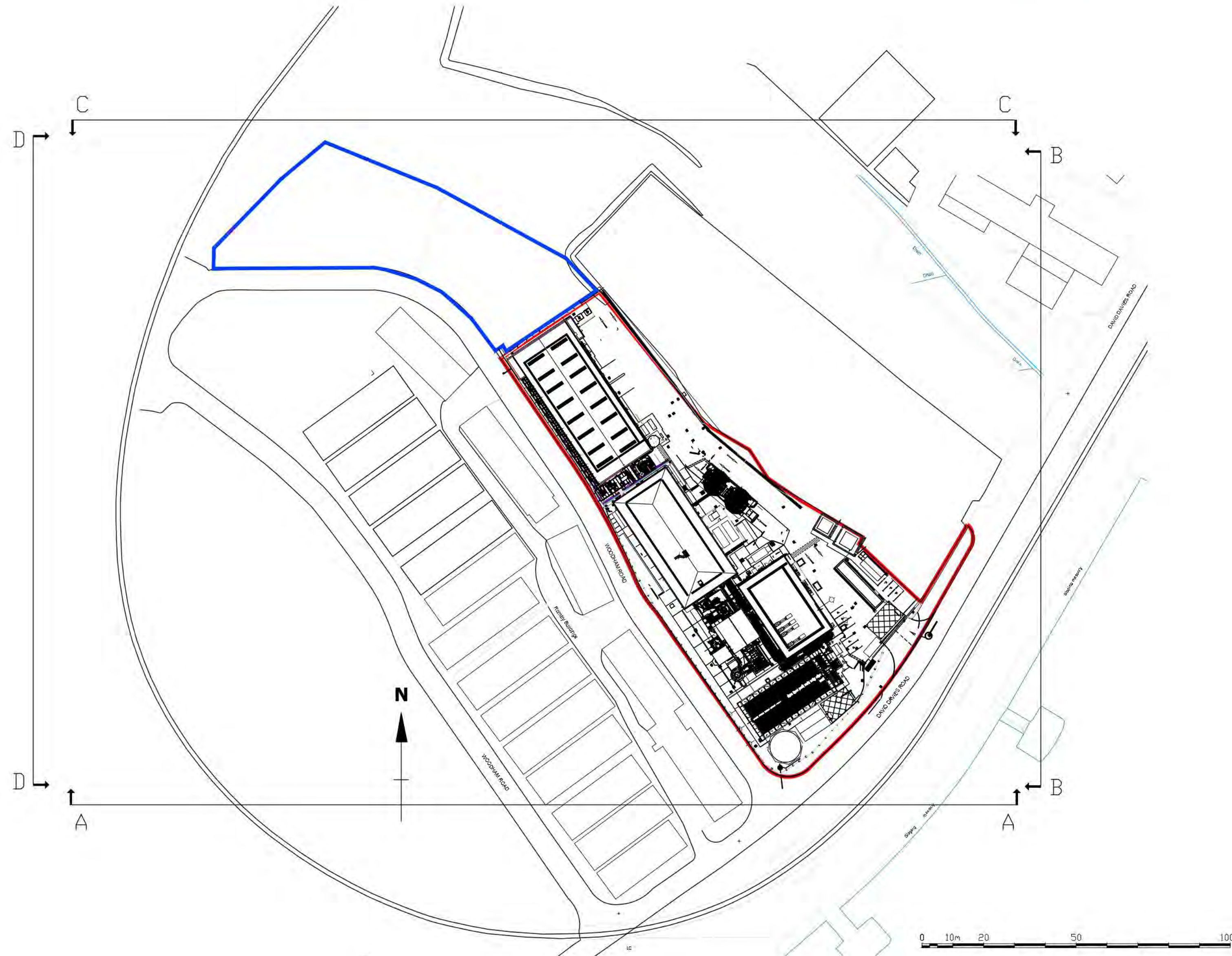




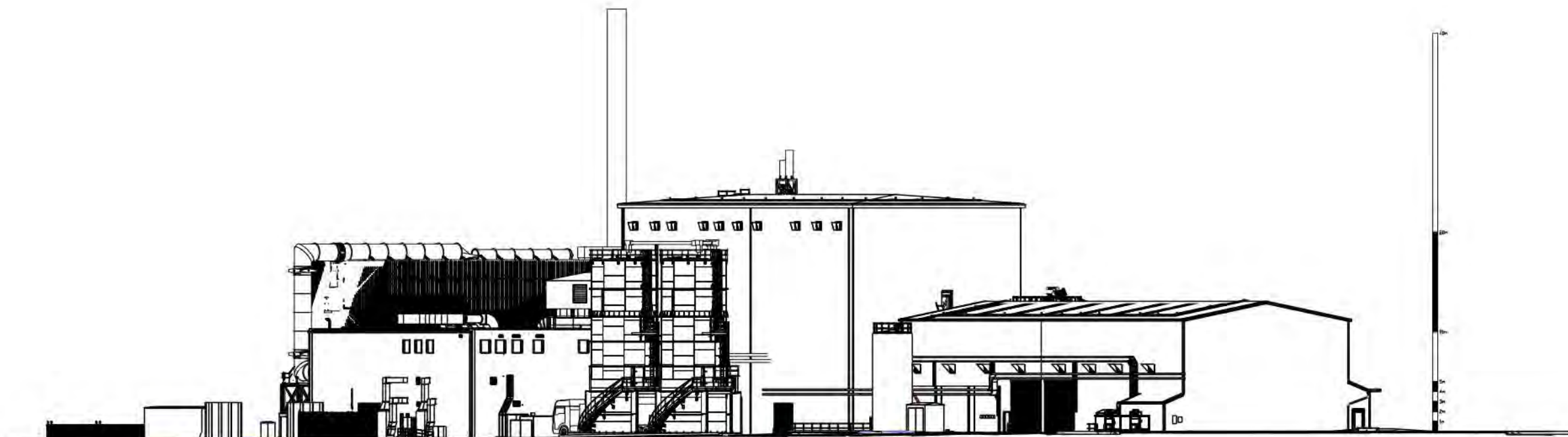
SECTION A-A



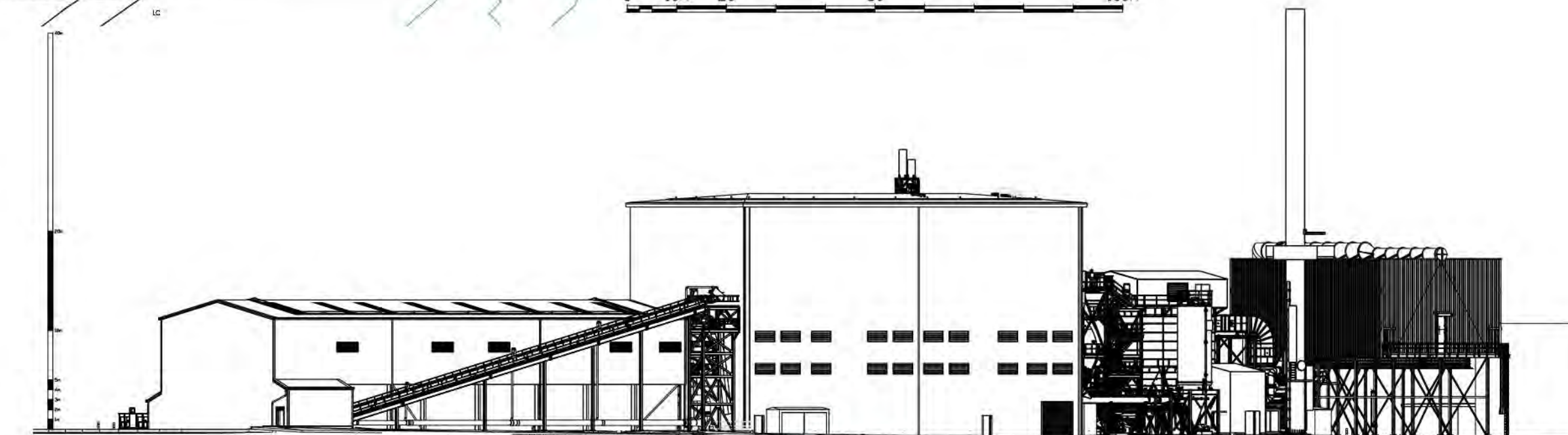
SECTION B-B



2023/00032/FUL



SECTION C-C



SECTION D-D

P01 S0 15.12.22 TS FIRST ISSUE  
Rev. Status Date Check Description

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London Cardiff Munich

Project  
BARRY - BIOMASS  
WOODHAM RD BARRY, CF63 4JE  
BARRY BIOMASS UK No.2 LTD

Title  
Site Layout and Elevations

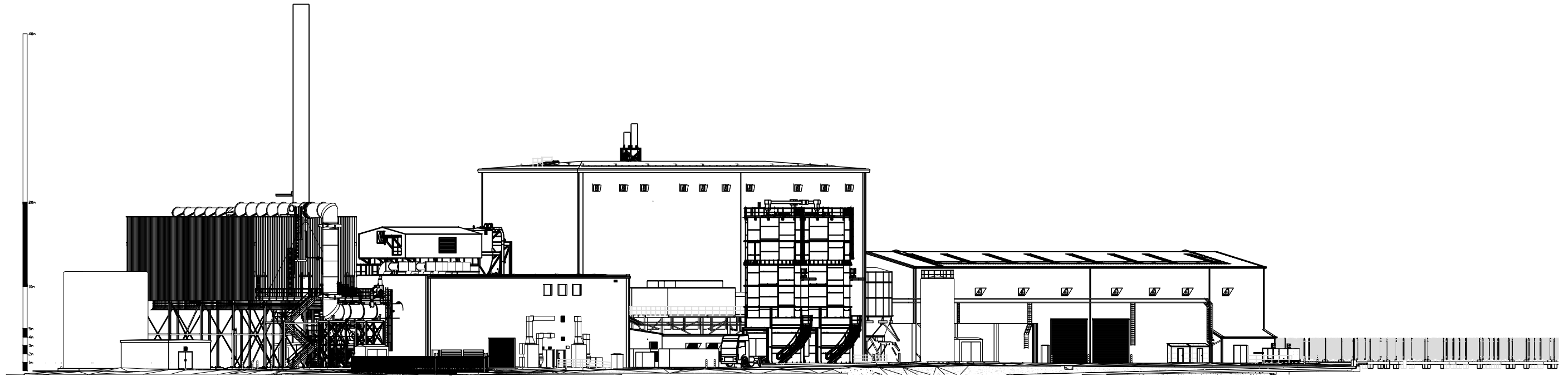
Job No. Scale at A1 Classification Status Rev. Ext. Int.  
4712 1:500 1:1000 S0 P01

Project Code: Design Functional Development Social Breakdown From: Discipline: Name:  
**BRBM-HMA-ZZ-ZZ-DR-A-P203**

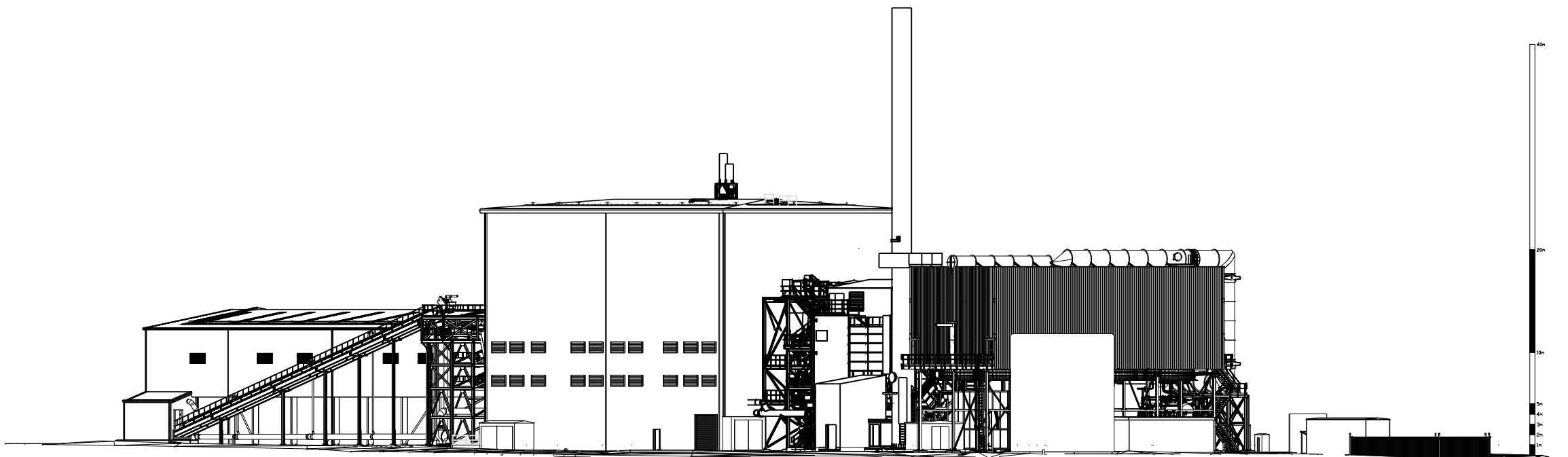
ISO 14001: 2015 ISO 9001: 2015 RIBA Chartered Practice  
Please consider the environment before printing this document  
Refer to dimensions where provided - do not scale from this drawing

0 5m 10 20 50m





SECTION B-B



SECTION A-A



2023/00032/FUL

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BARRY BIOMASS UK No.2 LTD

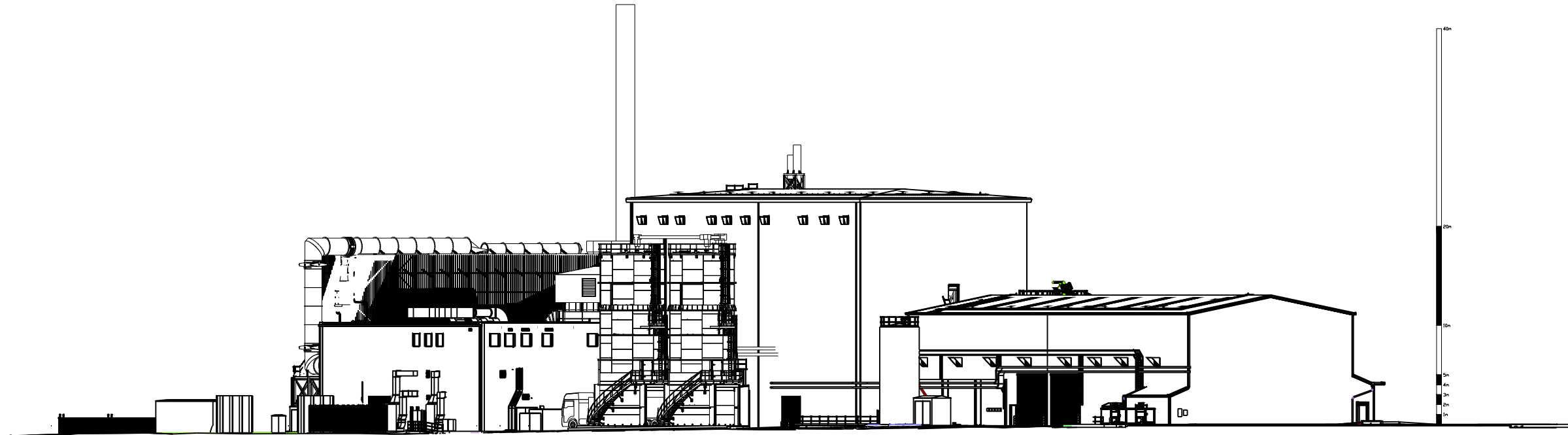
Title  
Site Elevations 01

Job No Scale at A3 Classification Status Rev. Ext. Int.  
4712 1:500 S0 P01

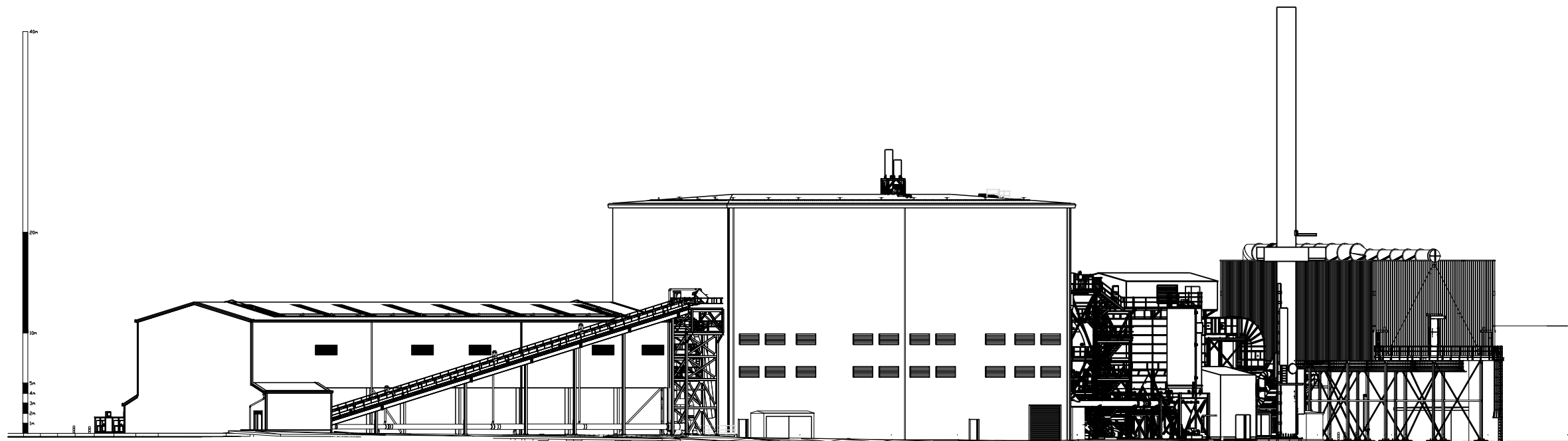
Project Code - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Number  
**BRBM-HMA-ZZ-ZZ-DR-A-P201**

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SECTION C-C



SECTION D-D



2023/00032/FUL

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Rev. Status Date Check Description

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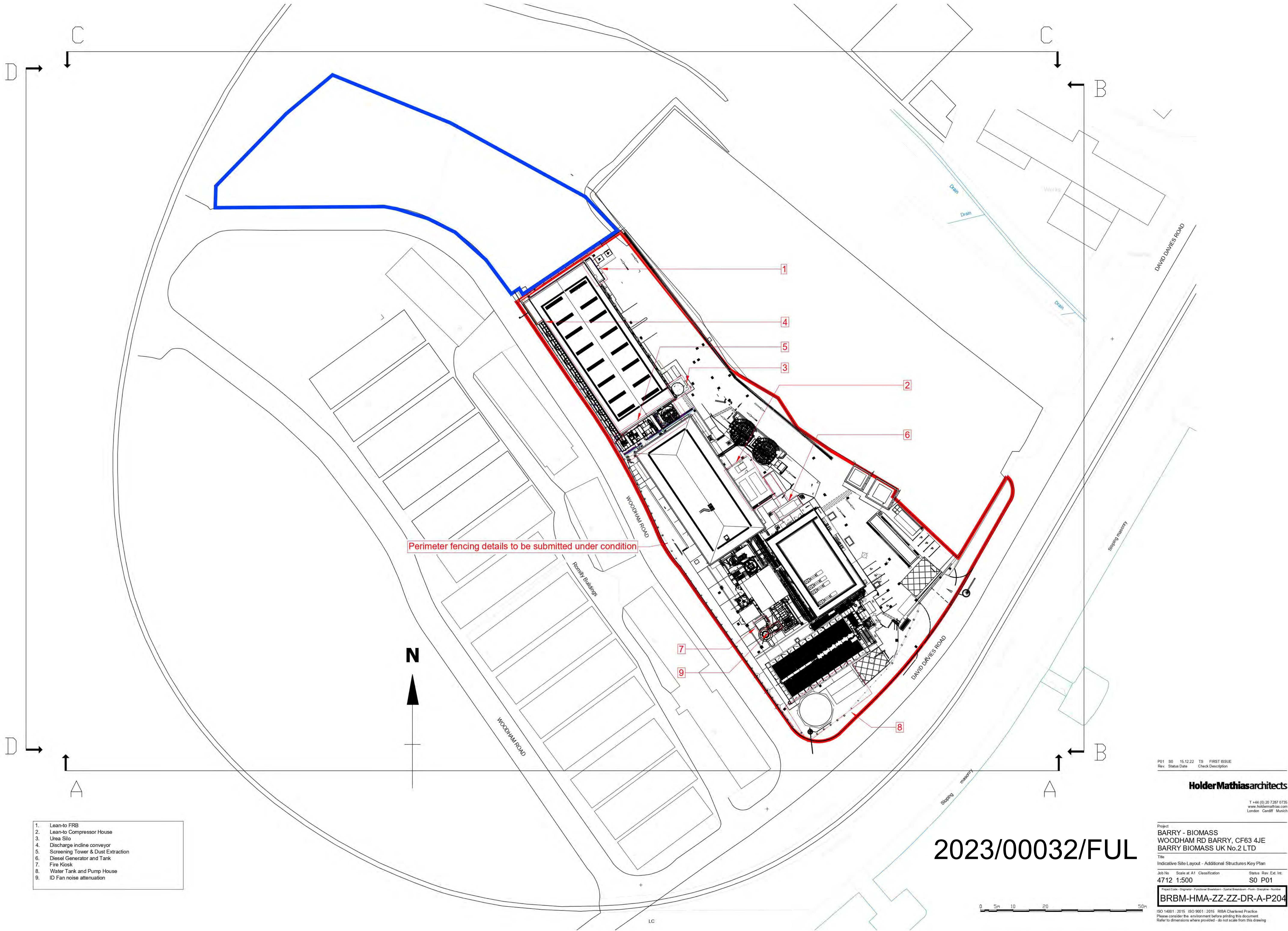
Title  
Site Elevations 02

Job No Scale at A3 Classification Status Rev. Ext. Int.  
4712 1:500 S0 P01

Project Code - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Number  
BRBM-HMA-ZZ-ZZ-DR-A-P202

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1. Lean-to FRB
2. Lean-to Compressor House
3. Urea Silo
4. Discharge incline conveyor
5. Screening Tower & Dust Extraction
6. Diesel Generator and Tank
7. Fire Kiosk
8. Water Tank and Pump House
9. ID Fan noise attenuation

2023/00032/FUL

|      |        |          |       |             |
|------|--------|----------|-------|-------------|
| P01  | S0     | 15.12.22 | TS    | FIRST ISSUE |
| Rev. | Status | Date     | Check | Description |

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BARRY BIOMASS UK No.2 LTD

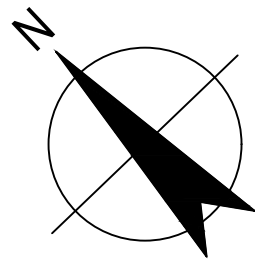
Title  
Indicative Site Layout - Additional Structures Key Plan

|        |             |                |        |                |
|--------|-------------|----------------|--------|----------------|
| Job No | Scale at A1 | Classification | Status | Rev. Ext. Int. |
| 4712   | 1:500       |                | S0     | P01            |

Project Code: Progress Functional Description Spatial Breakdown From Discipline Number  
**BRBM-HMA-ZZ-ZZ-DR-A-P204**

ISO 14001: 2015 ISO 9001: 2015 RIBA Chartered Practice  
Please consider the environment before printing this document  
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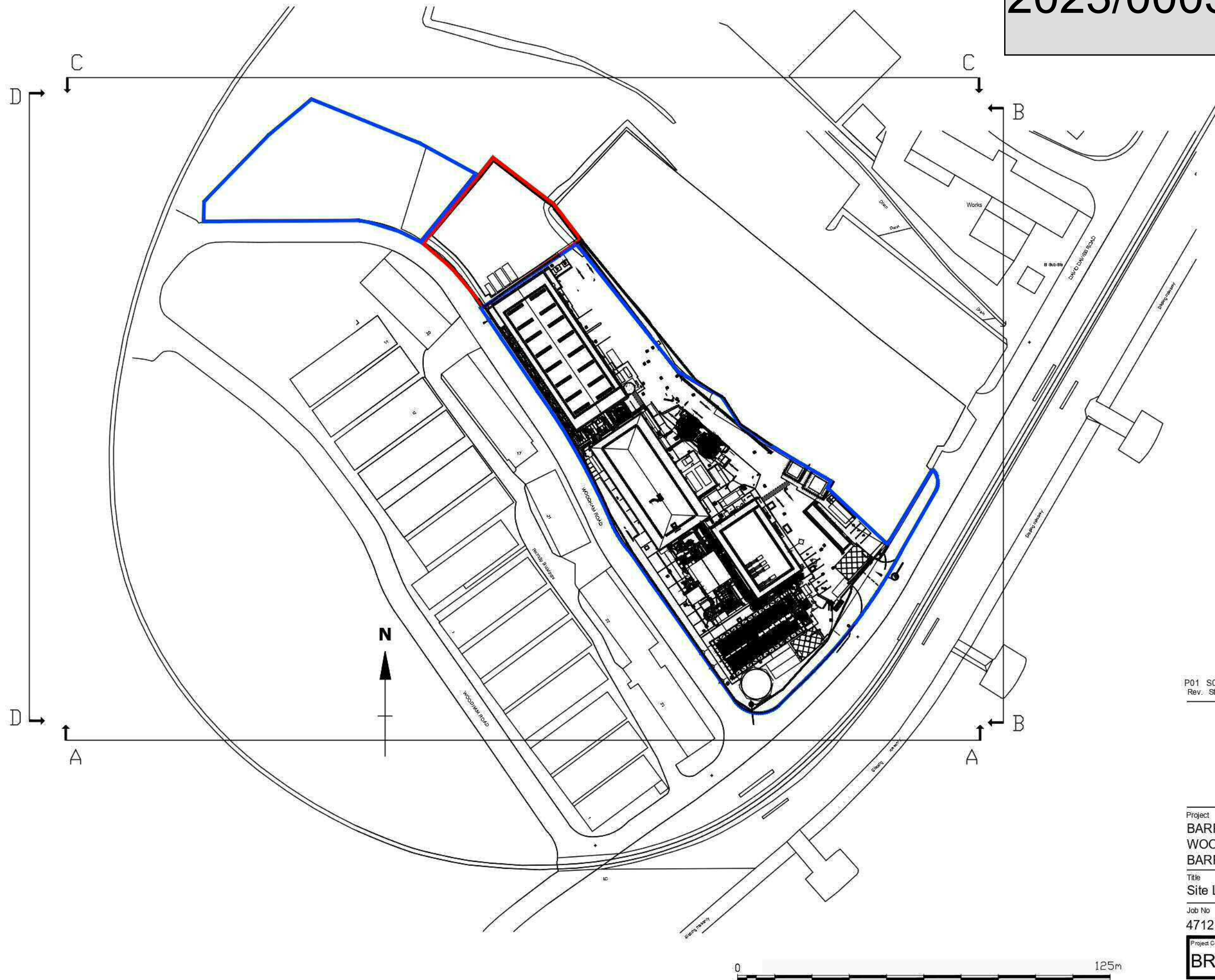




CATCHMENT PLAN  
SCALE 1:250

2023/00032/FUL





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Rev. Status Date Check Description

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Project  
BARRY - BIOMASS  
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BARRY BIOMASS UK No.2 LTD

Title  
Site Location Plan

| Job No | Scale at A3 | Classification | Status | Rev. | Ext. | Int. |
|--------|-------------|----------------|--------|------|------|------|
| 4712   | 1:1250      |                | S0     | P01  |      |      |

Project Code - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Number  
**BRBM-HMA-ZZ-ZZ-DR-A-P302**

ISO 14001 : 2015 ISO 9001 : 2015 RIBA Chartered Practice  
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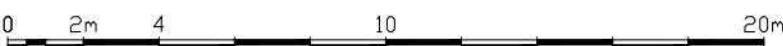
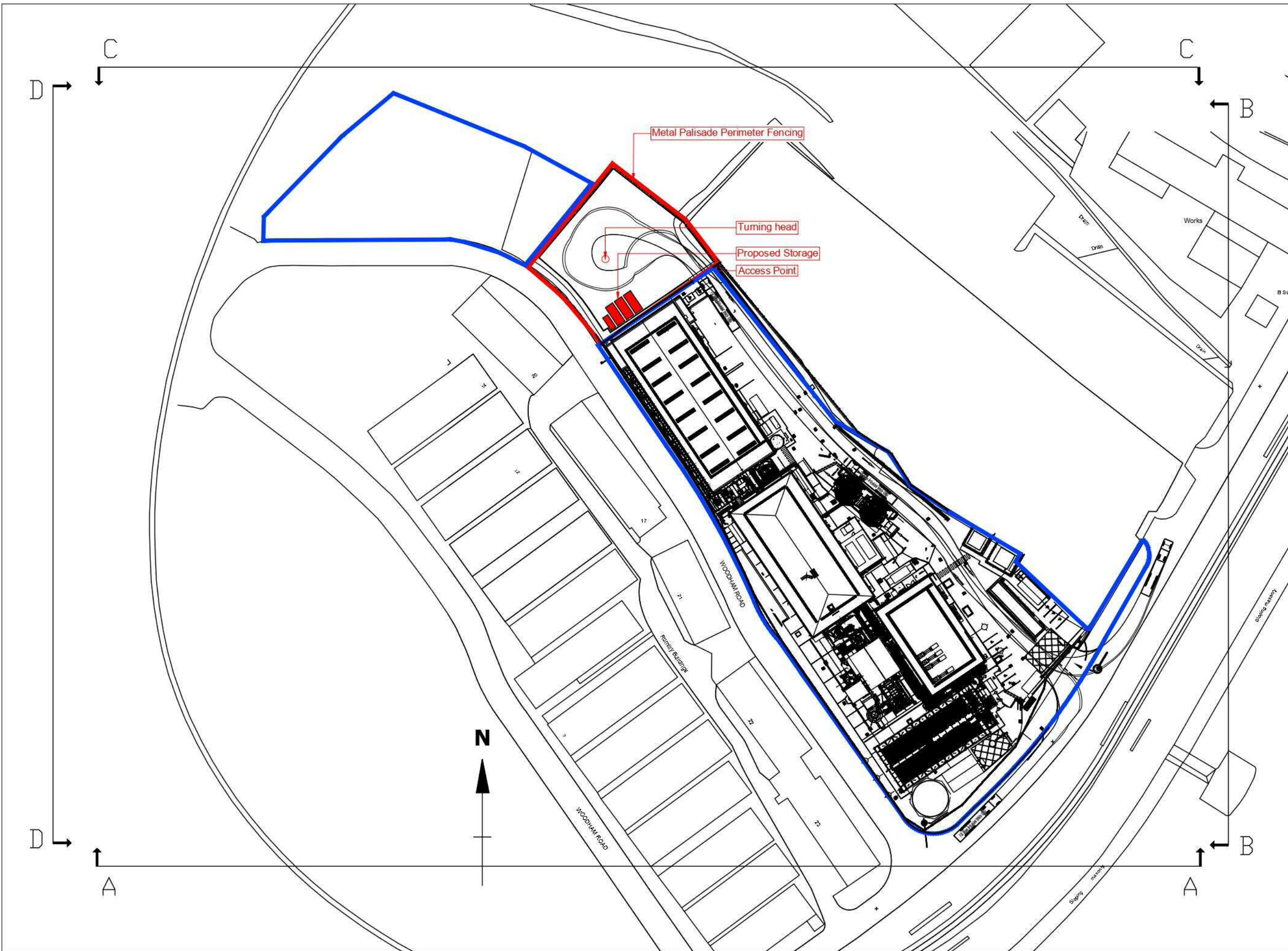


Metal Palisade Perimeter Fencing

Turning head

Proposed Storage

Access Point



- Application Boundary
- Ownership Boundary

|      |        |          |       |             |
|------|--------|----------|-------|-------------|
| P01  | S0     | 15.12.22 | TS    | FIRST ISSUE |
| Rev. | Status | Date     | Check | Description |

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Project  
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BARRY BIOMASS UK No.2 LTD

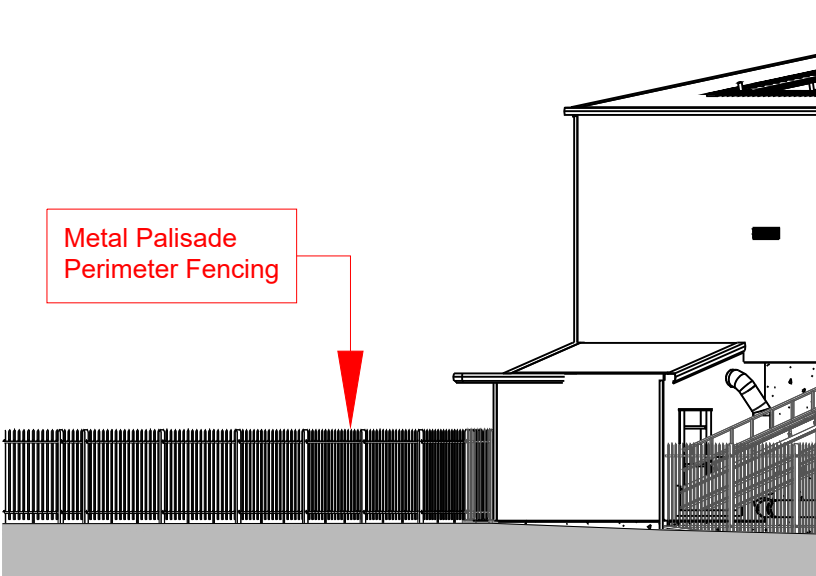
Title  
Site and Elevations Layout

Job No. Scale at A1 Classification Status Rev. Ext. Int.  
4712 1:200, 1:1000 S0 P01

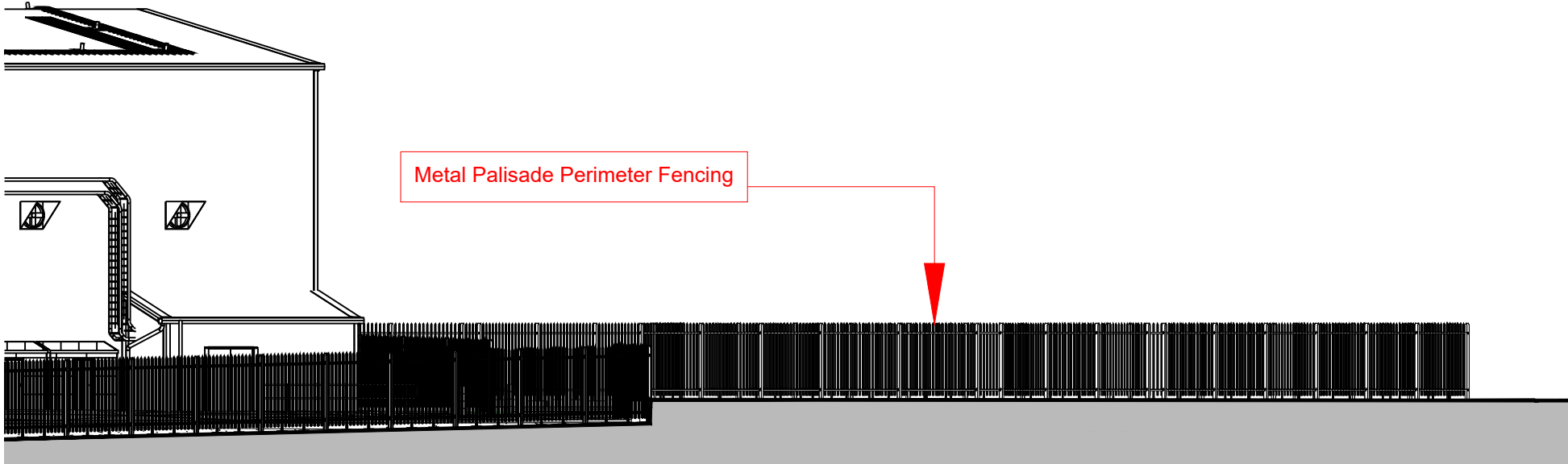
Project Code: Original: Formal: Approved: Spatial: Revision: From: Diagram: Number  
BRBM-HMA-ZZ-ZZ-DR-A-P300

ISO 14001: 2015 ISO 9001: 2015 RIBA Chartered Practice  
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Refer to dimensions where provided - do not scale from this drawing

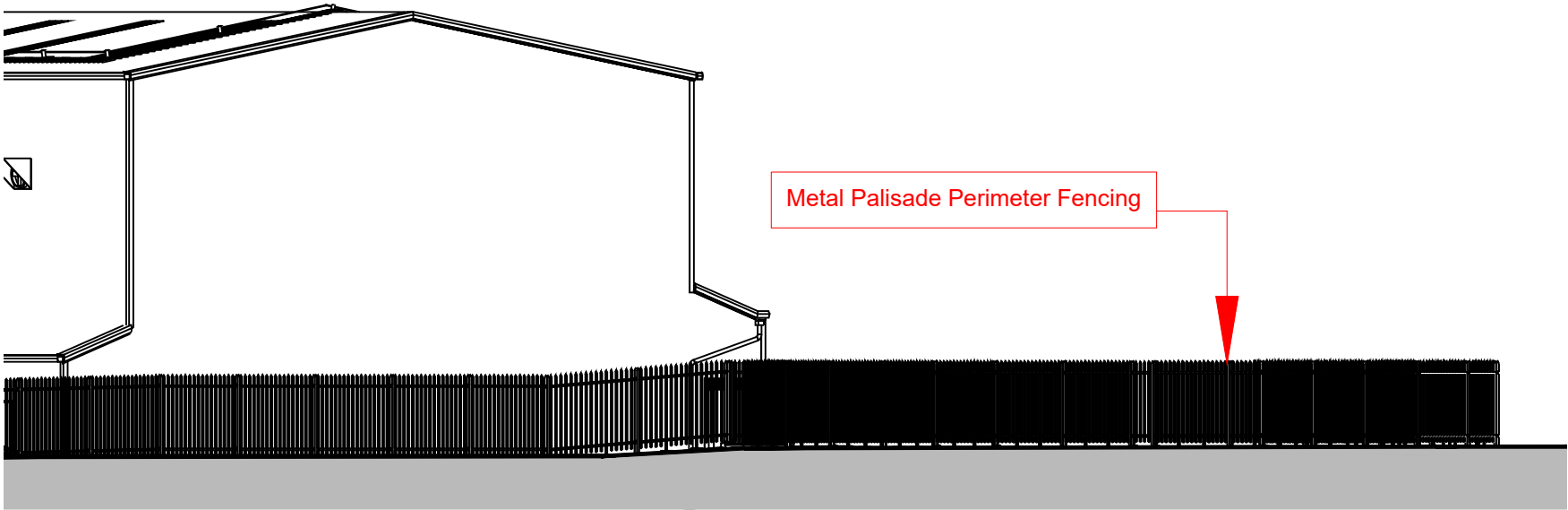
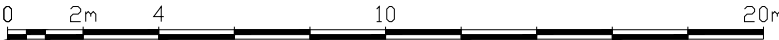




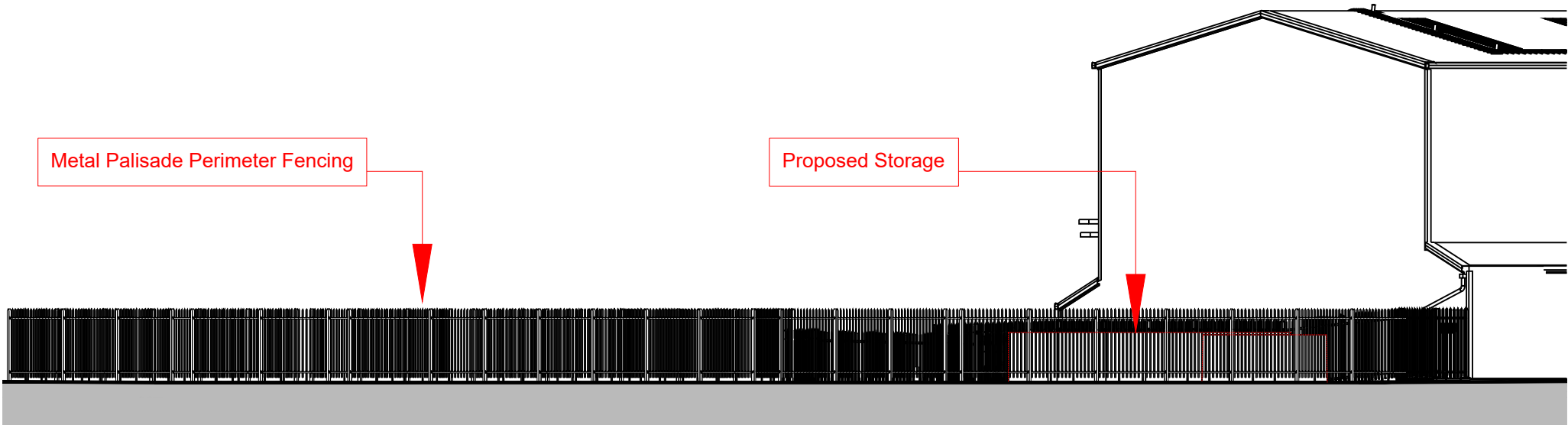
Section A-A



Section B-B



Section C-C



Section D-D

2023/00033/FUL

|      |        |          |       |             |
|------|--------|----------|-------|-------------|
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| Rev. | Status | Date     | Check | Description |

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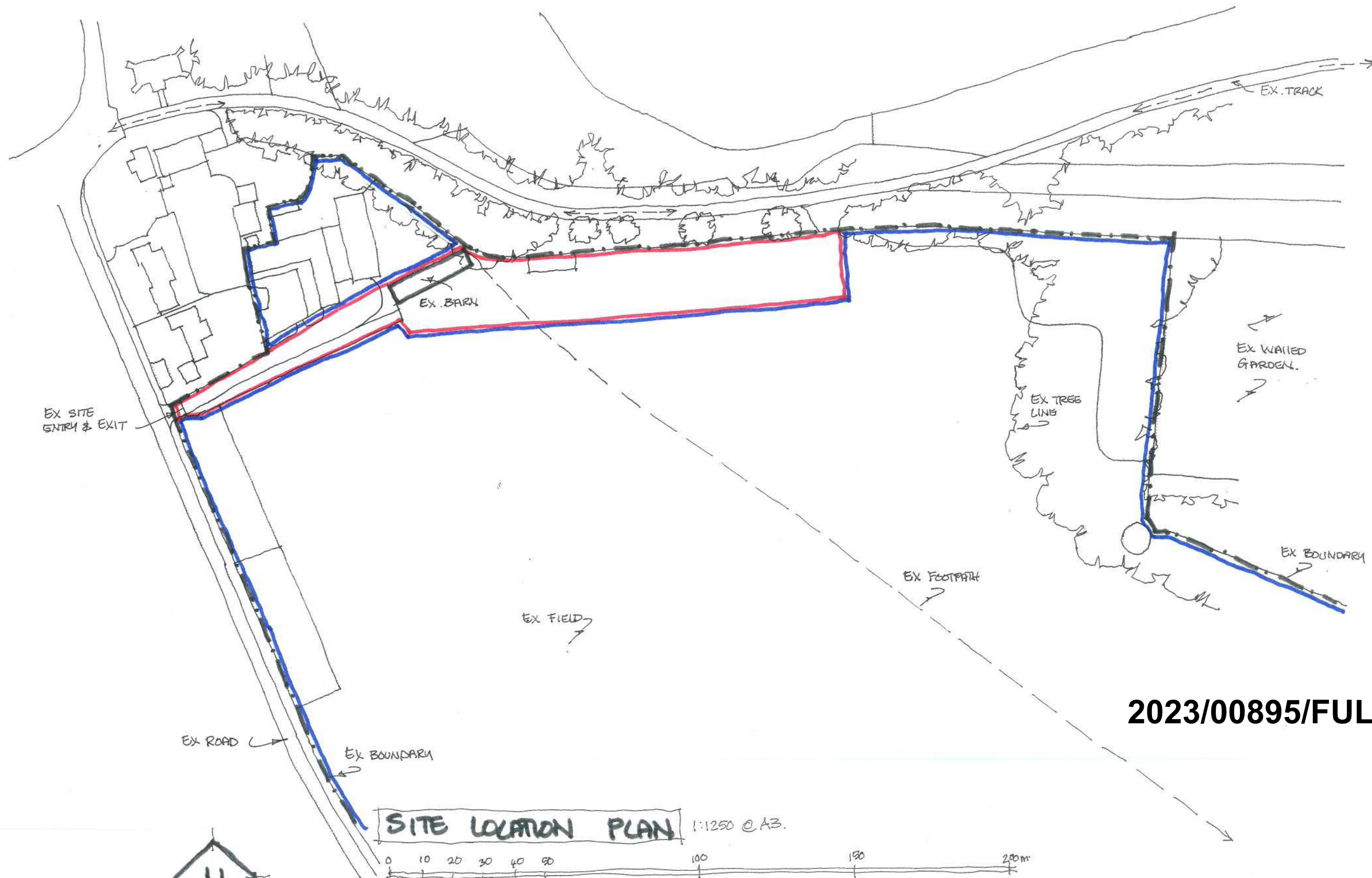
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| Project                    |             |                |        |                |
| BARRY - BIOMASS            |             |                |        |                |
| WOODHAM RD BARRY, CF63 4JE |             |                |        |                |
| BARRY BIOMASS UK No.2 LTD  |             |                |        |                |
| Title                      |             |                |        |                |
| Site Elevations            |             |                |        |                |
| Job No                     | Scale at A3 | Classification | Status | Rev. Ext. Int. |
| 4712                       | 1:200       |                | S0     | P01            |

Project Code - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Number  
**BRBM-HMA-ZZ-ZZ-DR-A-P301**

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EX 01



2023/00895/FUL

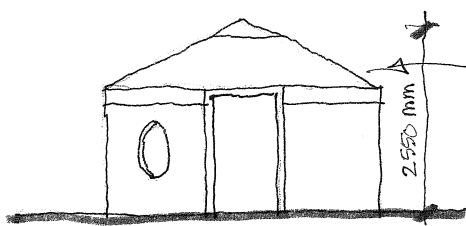
GREAT HOUSE FARM PENLLYN, COWBRIDGE CF71 7RQ.

DESIGNELL ARCHITECTURE LTD



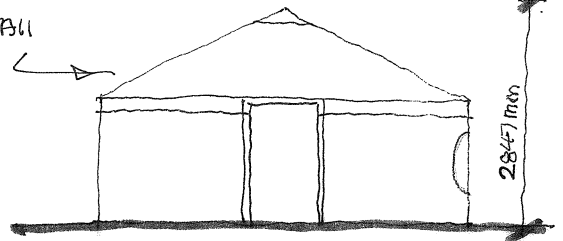
DESIGNCELL ARC LTD.

PR 04



FRONT ELEVATION  
KITCHEN. 3600 mm  $\phi$

CIRCULAR STRUCTURE ALL  
ELEVATIONS SIMILAR.



FRONT ELEVATION  
BED/LIVING. 4900 mm  $\phi$

EX METAL  
FENCING

NEW MIXED  
HERGE

TREE/  
PLANTING.

GRASS  
PATH.

SCREEN PLANTING

KITCHEN  
YURT. (3600  $\phi$ )

GRASS CUT & REINFORCED  
TO ALL FOOTPATHS &  
YURT AREAS

2023/00895/FUL

PLAN. 1:100

0 1 2 3 4 5 10m

N.

GRASS UNCUT

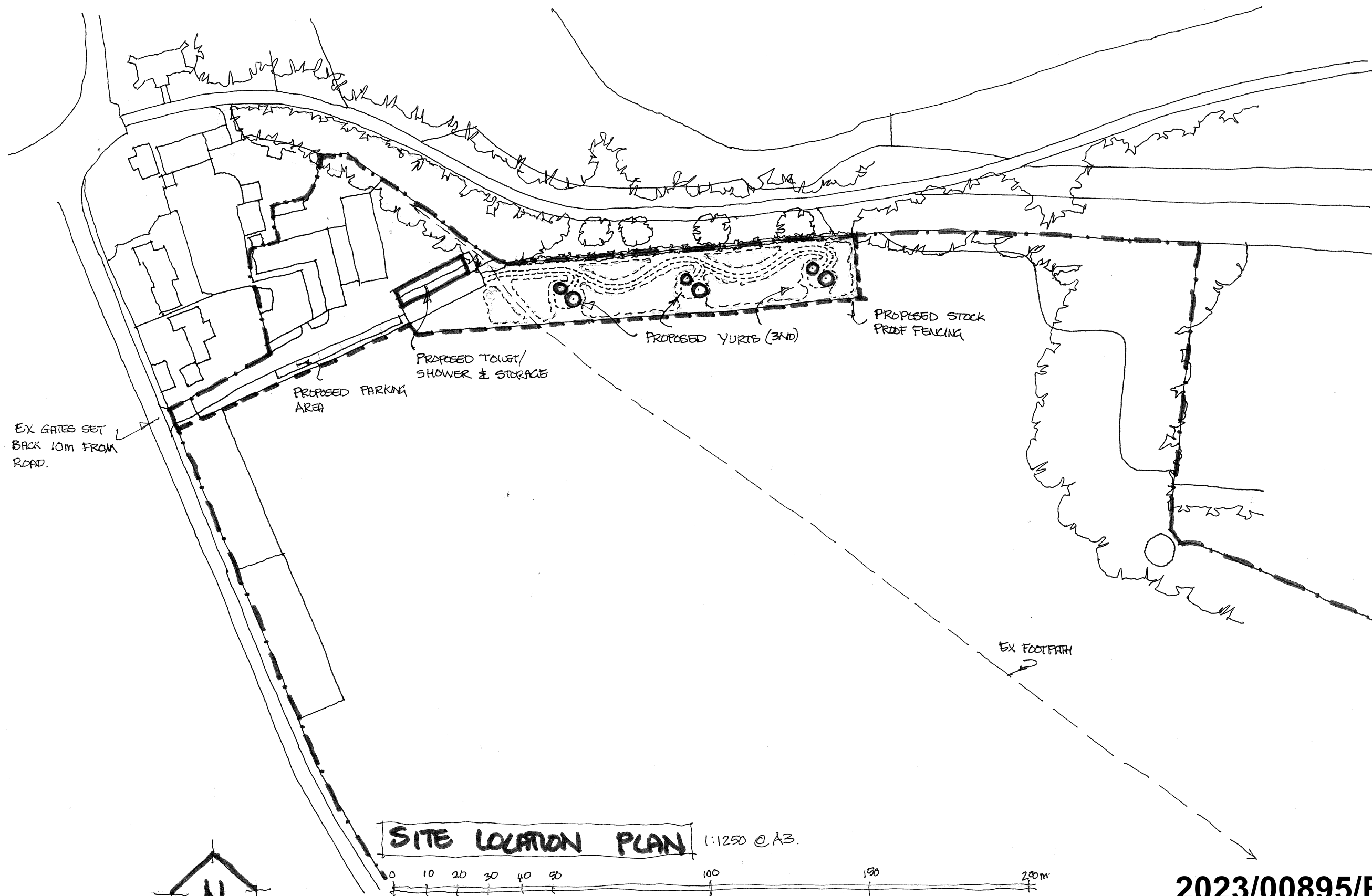
BEDROOM/  
LIVING YURT (4900  $\phi$ )

SCREEN PLANTING

A PROPOSED STOCK PROOF FENCING

GREAT HOUSE FARM PENLLYN, COWBRIDGE CF71 7RQ.

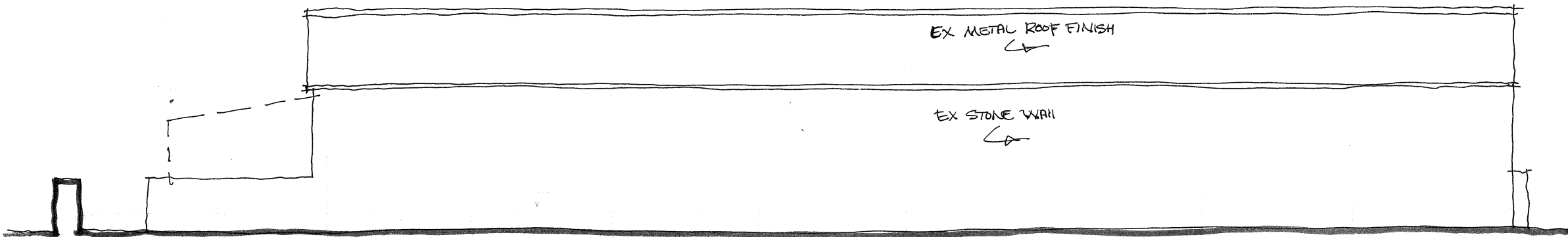




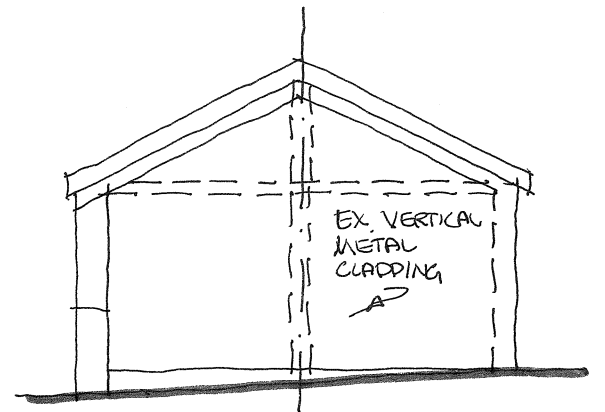
2023/00895/FUL



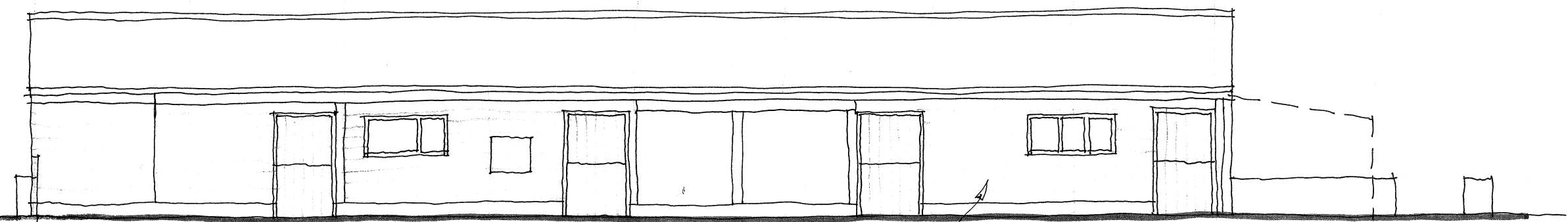
EX02



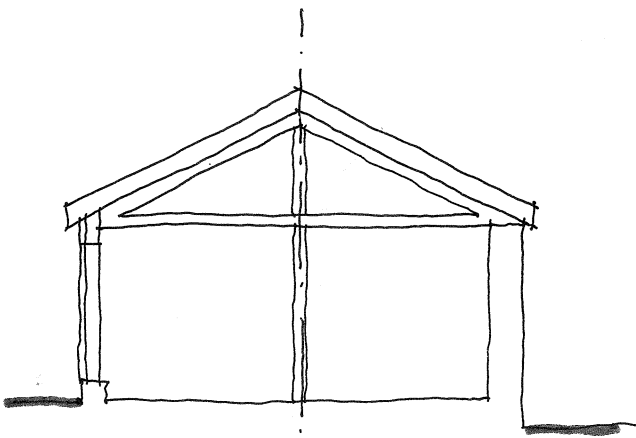
NORTH ELEVATION



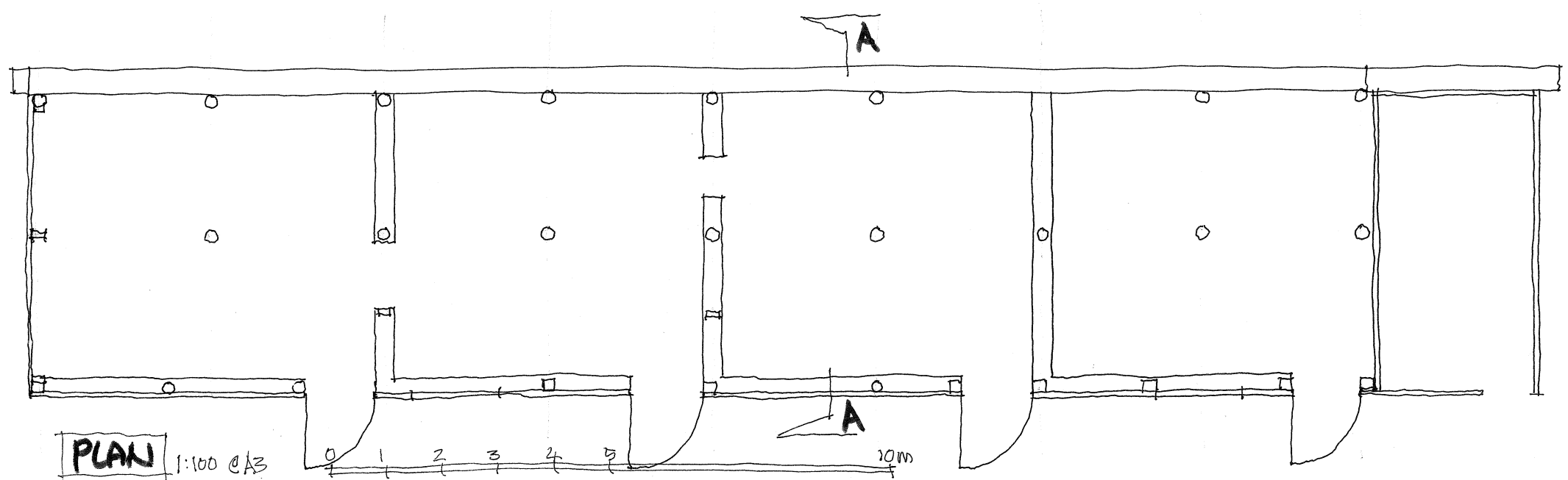
WEST ELEVATION



SOUTH ELEVATION



SECTION A-A



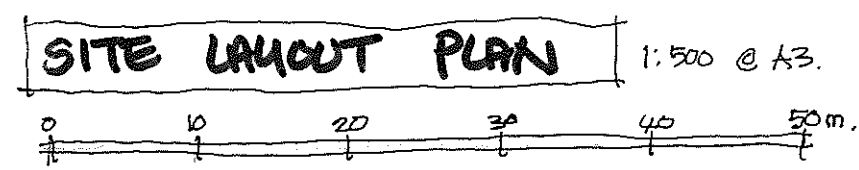
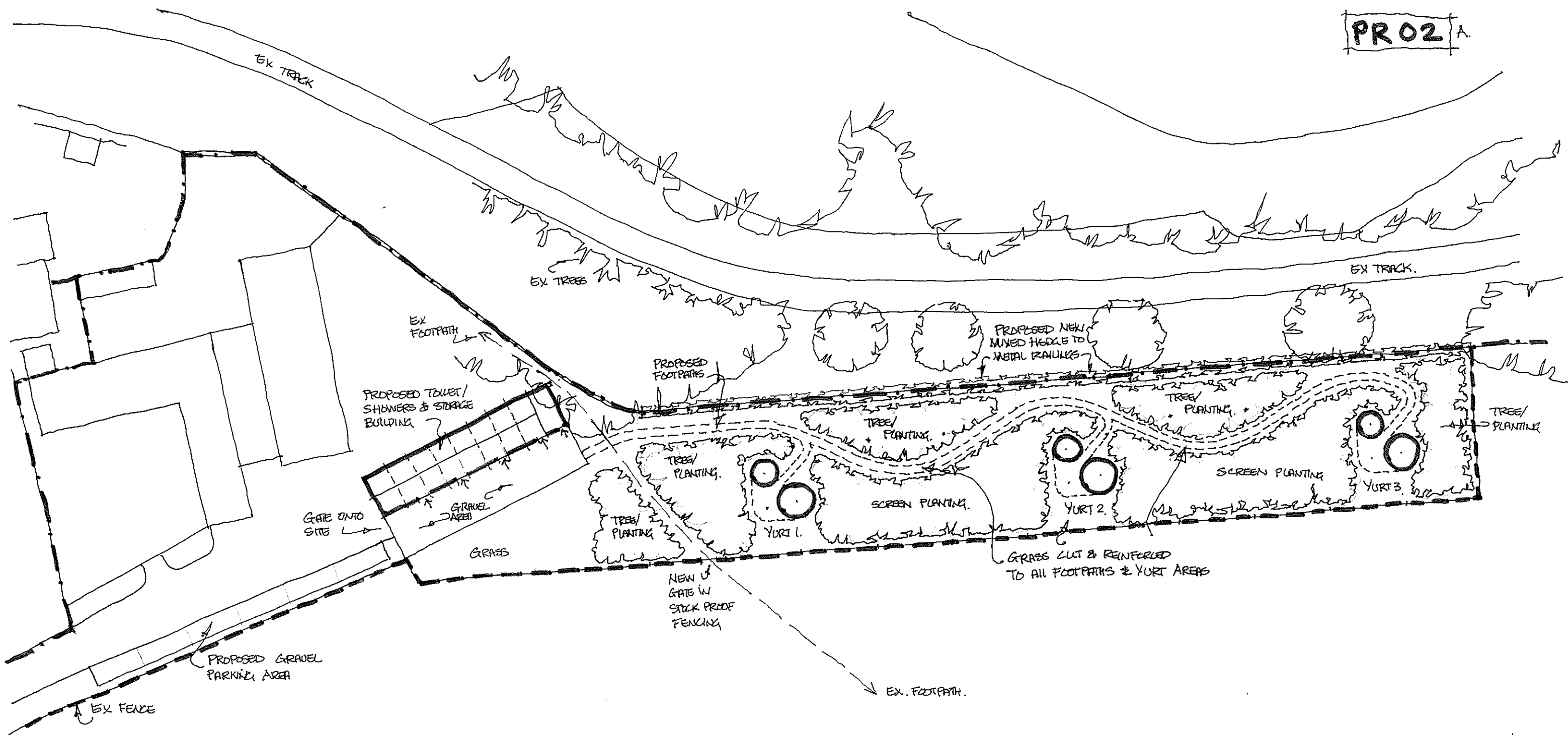
PLAN 1:100 @ A3

GREAT HOUSE FARM PENLLYN, COWBRIDGE CF71 7RQ

2023/00895/FUL

DESIGNER1 ARCHITECTURE LTD

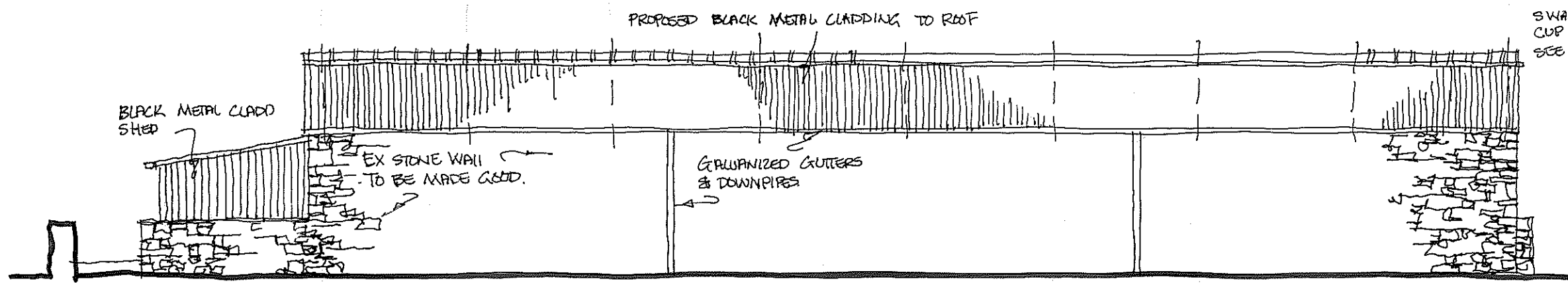




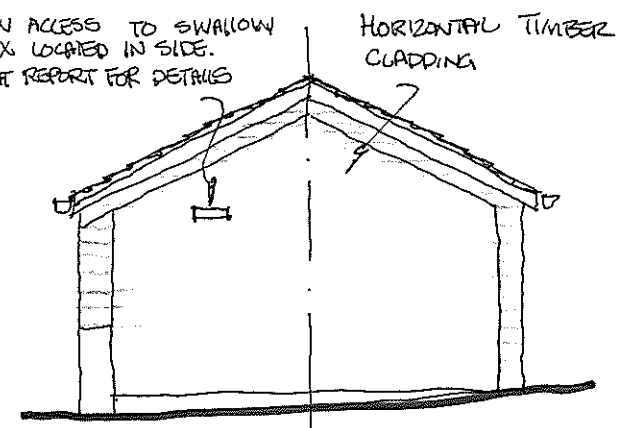
- NOTE:-
- 3ND SCHWEALER BAT BOXES TO BE LOCATED IN ADJACENT TREES. FINAL POSITION TO BE AGREED.
  - A REPTILE HIBERNACULAR TO BE CREATED WITHIN THE GROUNDS OF THE DEVELOPMENT. POSITION TO BE AGREED.
  - AREAS OF NEW WILDFLOWER MEADOWS TO BE AGREED.

2023/00895/FUL

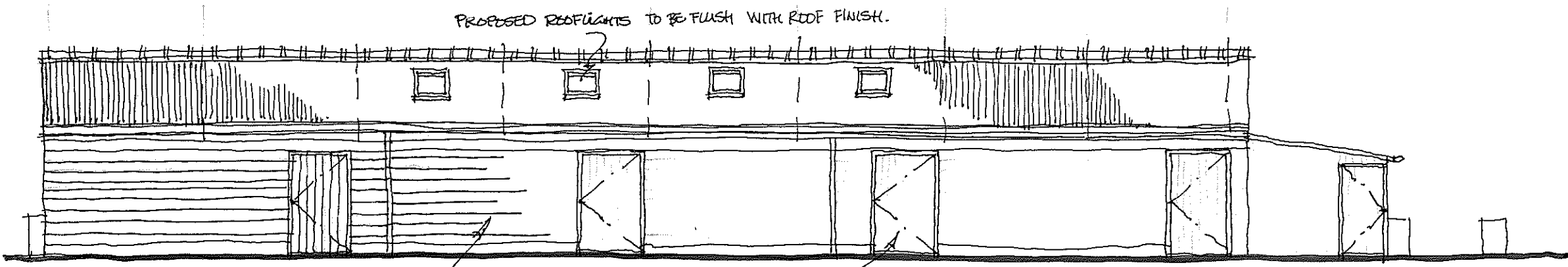




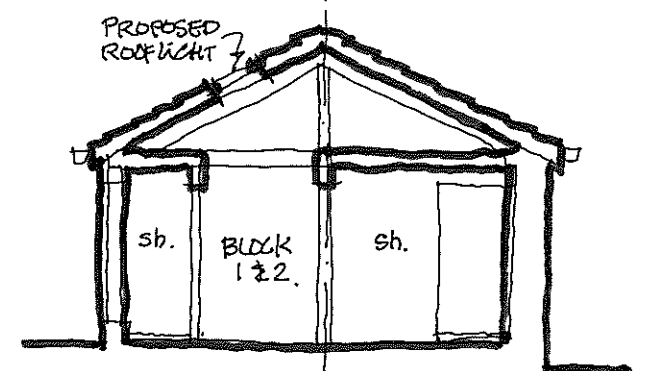
NORTH ELEVATION.



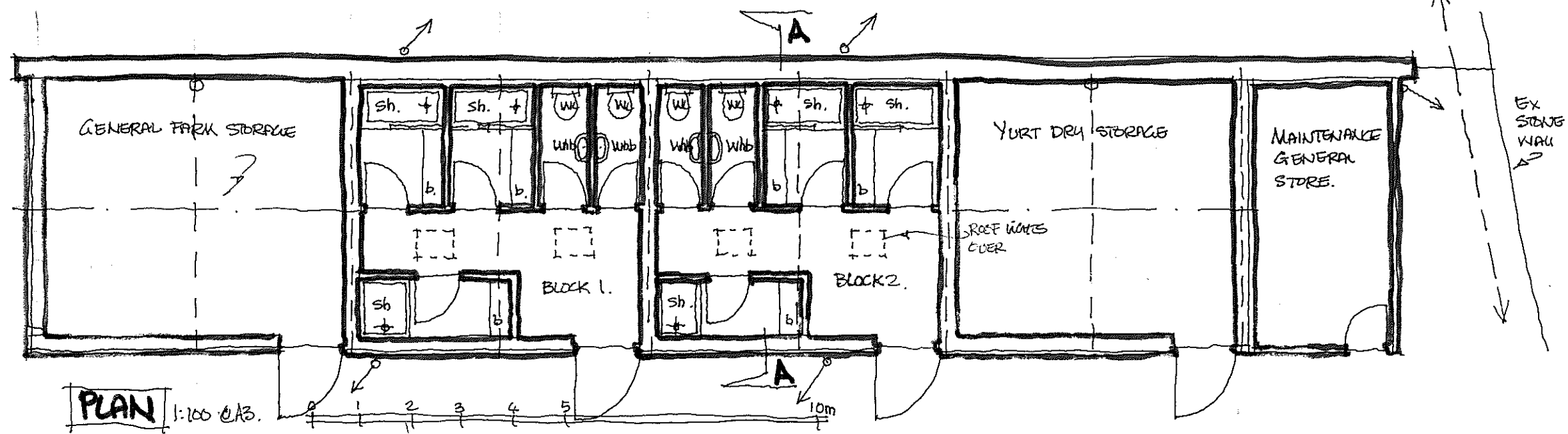
WEST ELEVATION



SOUTH ELEVATION.



SECTION A-A



PLAN 1:100 @A3.

2023/00895/FUL