


Notes:
 View in conjunction with all relevant documents.
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Key
 Planning Application Boundary

Rev	Date	Description



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Client
 Exagen Development Limited

Drawing title
 Site Location Plan

Project
 Brockworth Road Energy Reserve

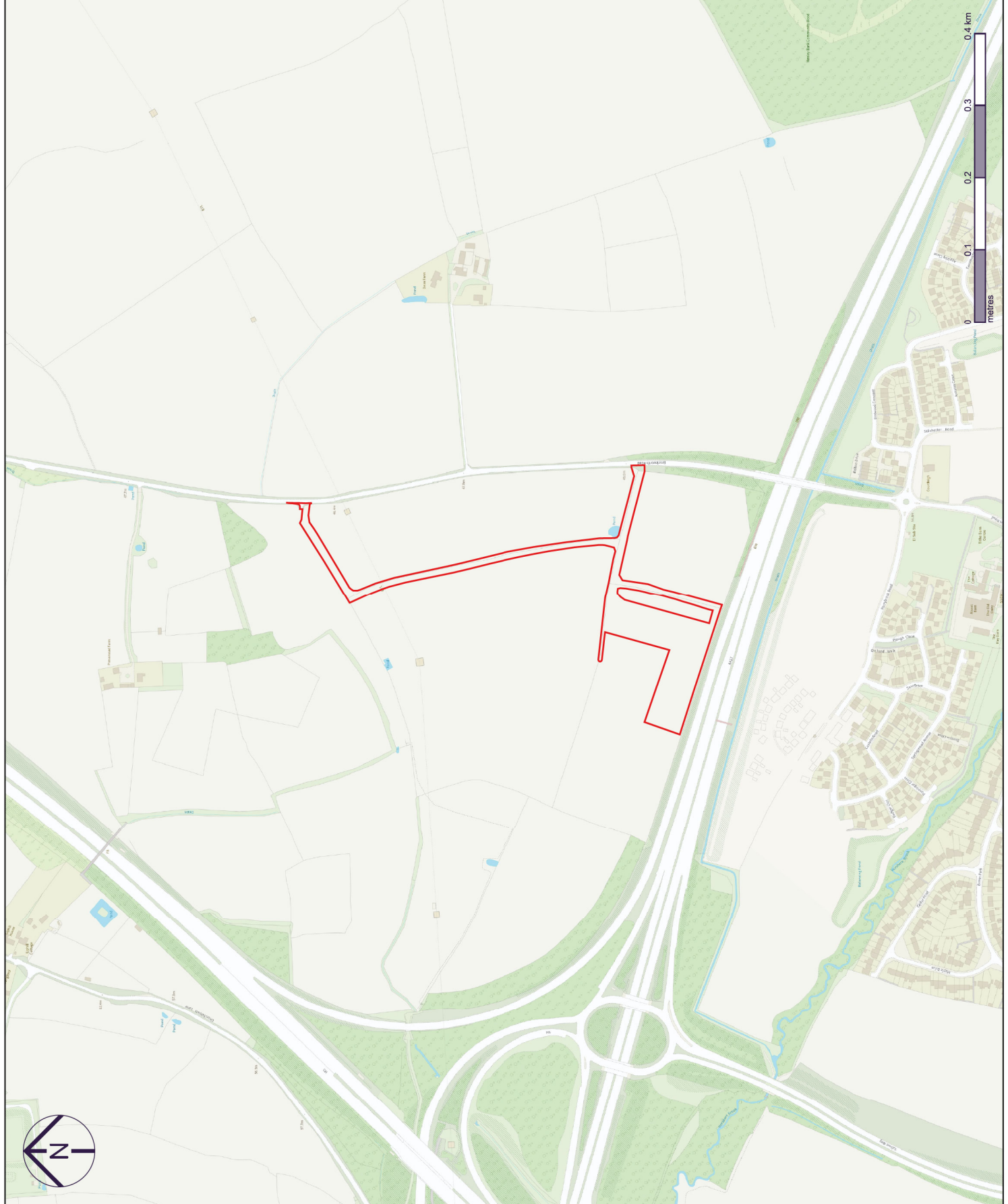
Status
 Planning Application

Date
 20/11/2023

Scale at A3
 1:5000

Status code
 S4

Revision
 P01



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- Key
- Planning application boundary
 - Existing trees and woodland
 - Existing hedgerow
 - Existing grassland to be retained
 - Existing public road
 - Existing access track to be upgraded
 - Existing access track to be removed
 - Existing 33KV overhead electricity line
 - Proposed battery storage container
 - Proposed inverter unit
 - Proposed auxiliary transformer
 - Proposed substation buildings
 - Proposed storage container
 - Proposed access tracks
 - Proposed palisade fence
 - Proposed CCTV / lighting post
 - Proposed fence gate
 - Proposed point of connection infrastructure
 - Proposed cable to point of connection
 - Public right of way
 - Root Protection Area
 - 5m buffer from hedges
 - 10m buffer from trees
 - 15m buffer from trees (high bat roost potential)

Rev	Date	Description
P02	31.10.23	Realigned infrastructure, narrow



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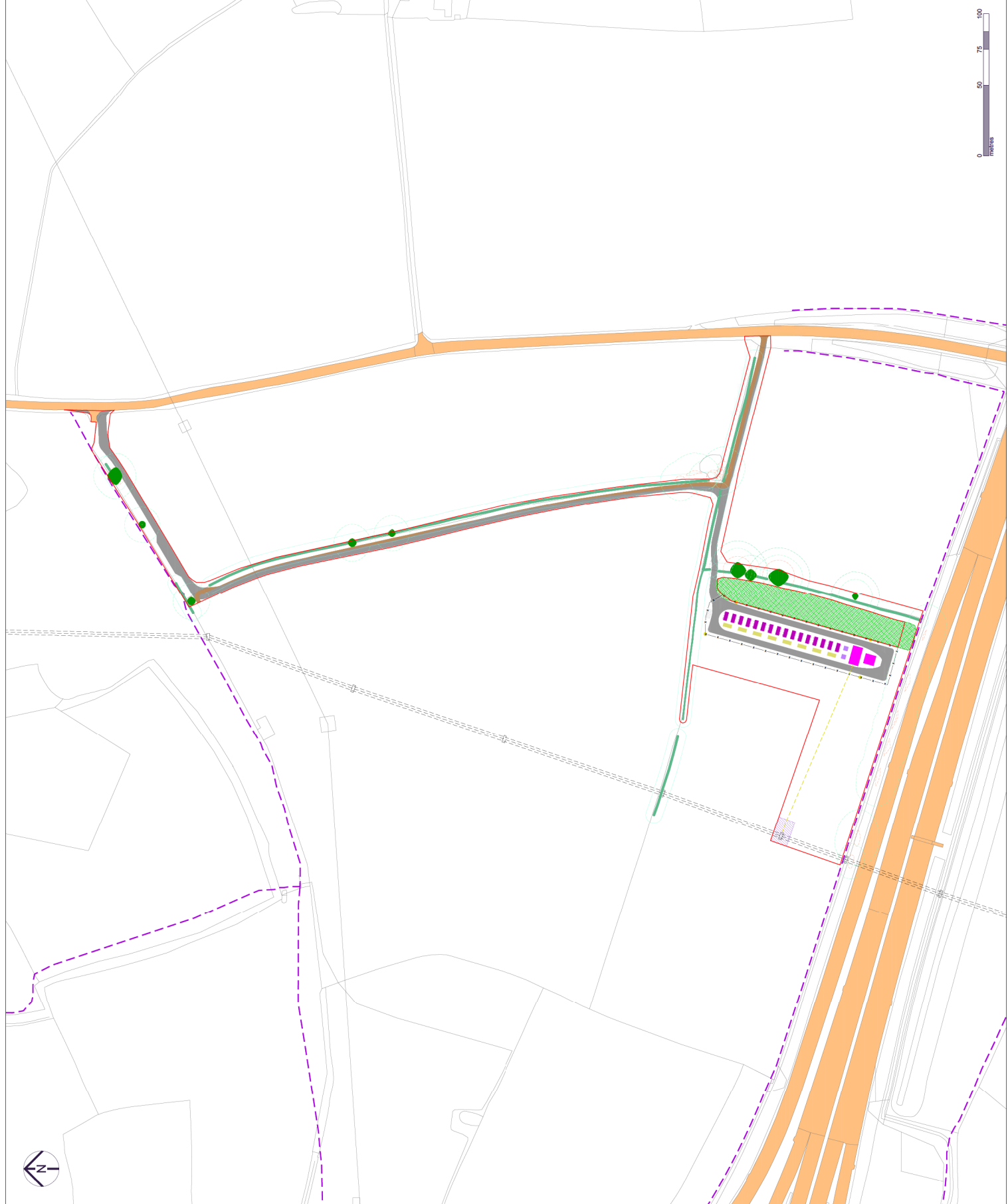
Client
 Exagen Development Limited

Drawing title
 Site Layout Plan

Project
 Brockworth Road Energy Reserve

Status
 Planning Application

Date	Scale at A3	Status code
30/05/2023	1:1250	S4
Drawing number	Revision	
GLC01A-EXG-04-00-D-K001	P02	



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Additional notes:
1. Proposed Blackthorn (*Prunus spinosa*) species shall not be planted within 10m of National Highways land.
2. Proposed specimen trees shall be set back a minimum of 25m from the boundary with National Highways land.
3. Where tree planting is shown to the west of the fenced compound, species planted will be Crab Apple (*Malus sylvestris*) or similar.

Native Hedgerow Trees
Plant adjacent to existing hedgerow using light standard trees supplied 250-300cm high. Evenly distribute species:

Species	%
<i>Acer campestre</i> (Field Maple)	25%
<i>Malus sylvestris</i> (Crab Apple)	15%
<i>Quercus robur</i> (Oak)	60%

Native Hedgerow Mixes
Plant as a double staggered row 300 mm apart, with plants spaced at approximately 500 mm centres (5 plants per linear metre) using forestry transplants supplied 40-60 cm high. Plant in a random mix of groups with each group containing 5-10 number of the same species. All species to be evenly distributed along each length of hedgerow.

Species	%
<i>Acer campestre</i> (Field Maple)	5%
<i>Corylus avellana</i> (Hazel)	10%
<i>Crataegus monogyna</i> (Hawthorn)	70%
<i>Ilex aquifolium</i> (Holly)	2.5%
<i>Prunus spinosa</i> (Blackthorn)	6%
<i>Rosa canina</i> (Dog Rose)	2.5%
<i>Viburnum opulus</i> (Guelder Rose)	5%

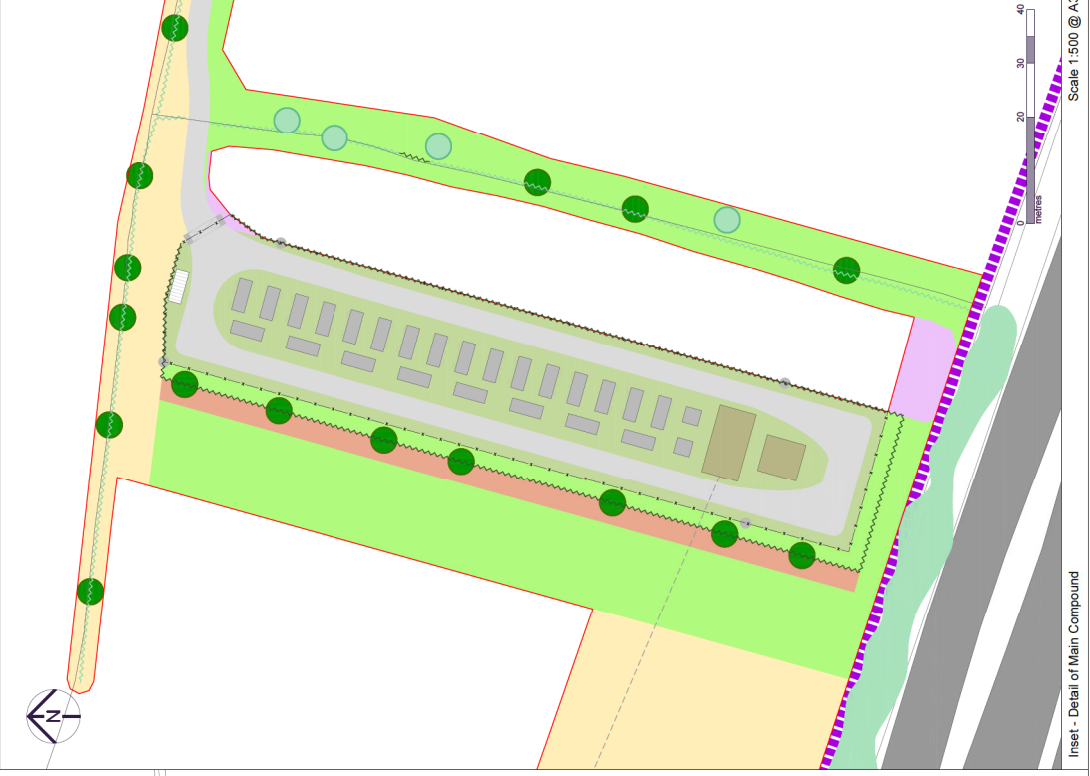
Existing hedgerows adjoining the site to be gapped-up / infilled as required using native hedgerow plants specified above planted as double staggered row.

Key

- Planning application boundary
- Existing public road
- Existing 33kV overhead electricity line
- Retained scrub/vegetation
- Retained trees
- Retained hedgerow
- Retained arable field and margin
- Retained improved habitat area
- Retained pond
- Retained wet and partially culverted ditch
- Retained Public Right of Way (indicative)
- Retained/upgraded dirt access track
- Proposed battery compound infrastructure
- Proposed storage container
- Proposed access tracks
- Proposed substation buildings
- Proposed fence gate
- Proposed palisade fence
- Proposed native hedgerows
- Proposed wildflower grassland (mix to be specified by an ecologist)
- Proposed scrub
- Proposed neutral grassland underlain by impermeable membrane (compound only)
- Proposed native hedgerow trees
- Removed hedgerow



Rev	Date	Additional notes and tree plants	Description
P02	14.02.24		



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Client
Exagen Development Limited
 Drawing title
Landscape Mitigation Plan

Project
Brockworth Road Energy Reserve
 Status
Planning Application

Date	Scale at A3	Status code
12/10/2023	1:1250	S4
Drawing number		Revision
GLC01A-EXG-04-00-D-K001		P02

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Key (Inset 1)

	Planning application boundary
	Existing trees and woodland
	Existing hedgerow
	Existing grassland to be retained
	Existing public road
	Existing access track to be upgraded
	Existing 33kV overhead electricity line
	Proposed battery storage container
	Proposed inverter unit
	Proposed auxiliary transformer
	Proposed substation buildings
	Proposed storage container
	Proposed access tracks
	Proposed palisade fence
	Proposed CCTV / lighting post
	Proposed fence gate
	Proposed cable to point of connection
	Public right of way

Rev	Date	Description



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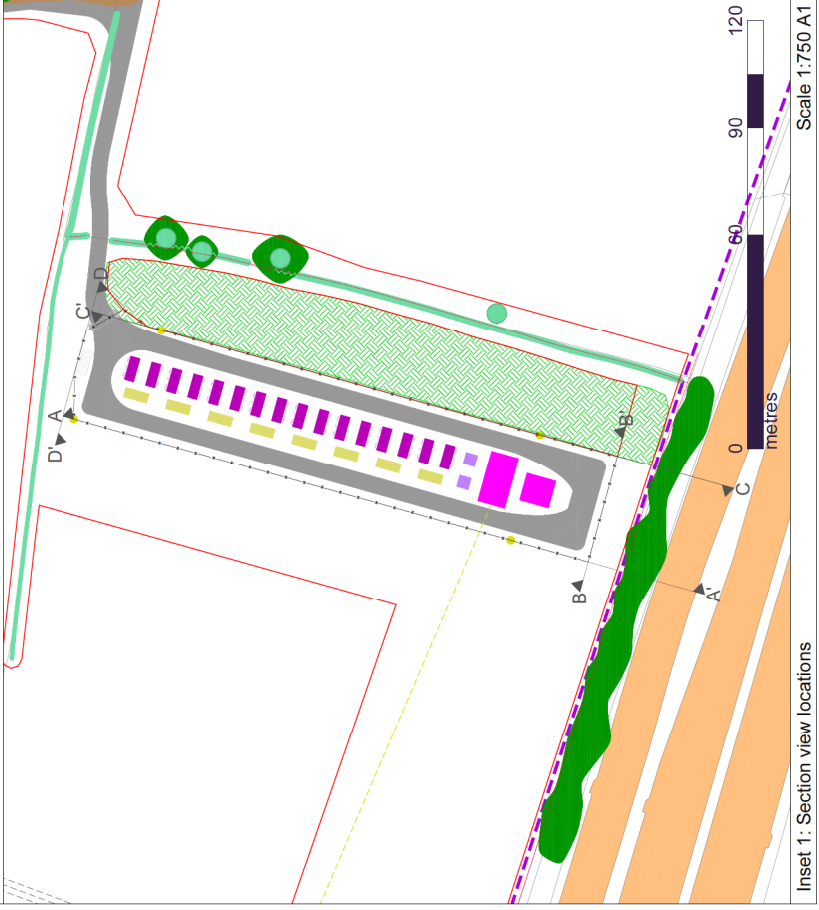
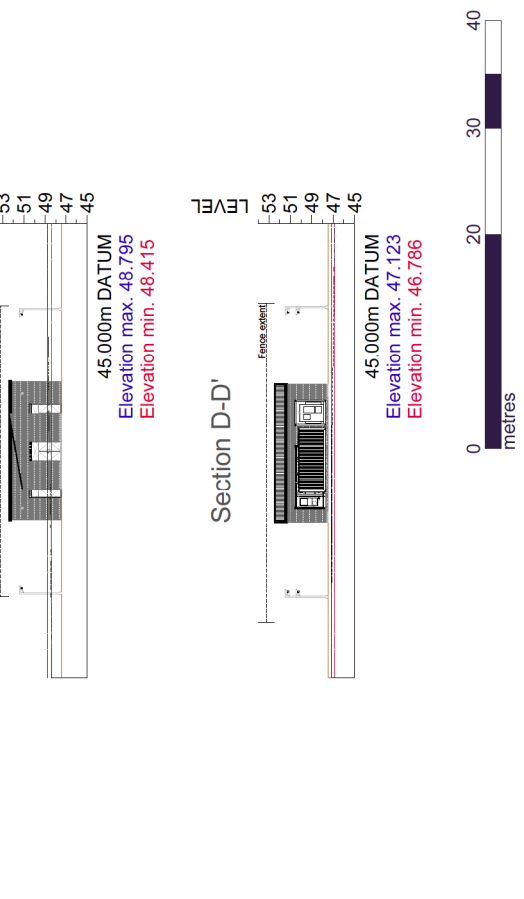
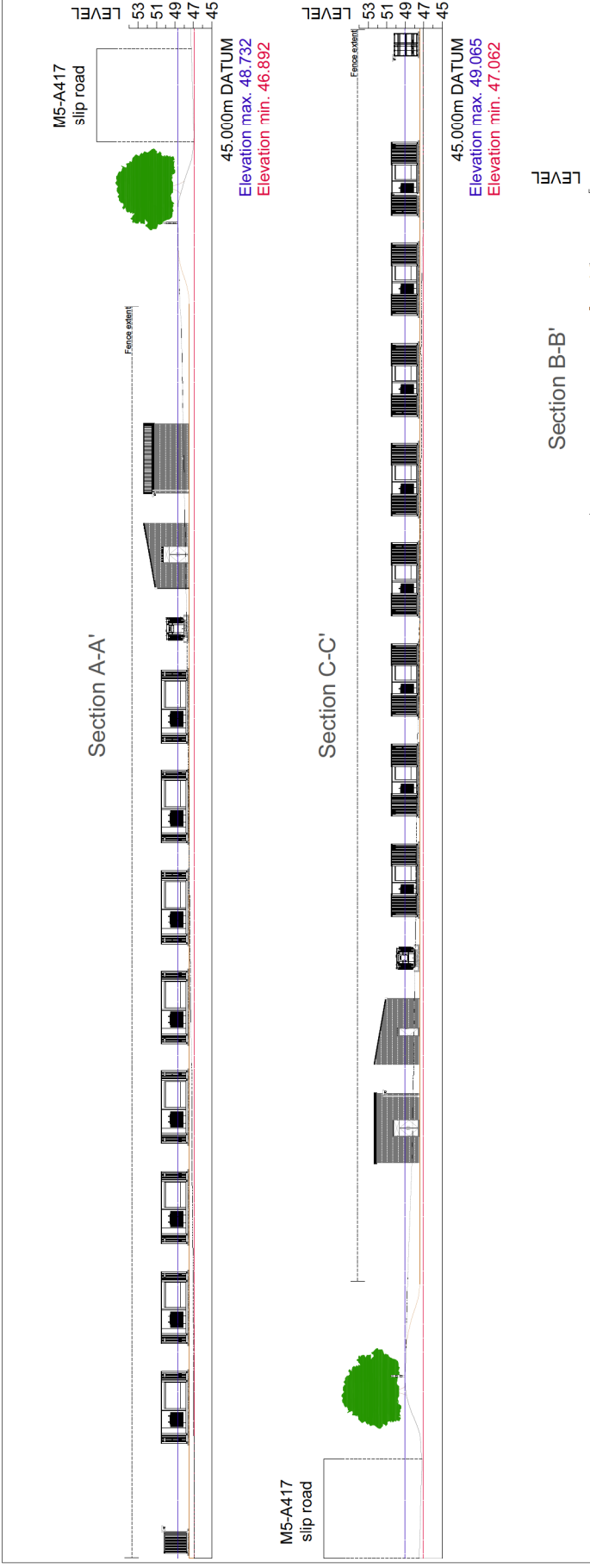
Client
 Exagen Development Limited

Drawing title
 Section Views A-A', B-B', C-C', D-D'
 Through Site Layout (no fencing)

Project
 Brockworth Road Energy Reserve

Status
 Planning Application

Date	Scale at A1	Status code
28/03/2024	1:250	S4
Drawing number		Revision
GLC01A-EXG-06-S1-D-K002		P01

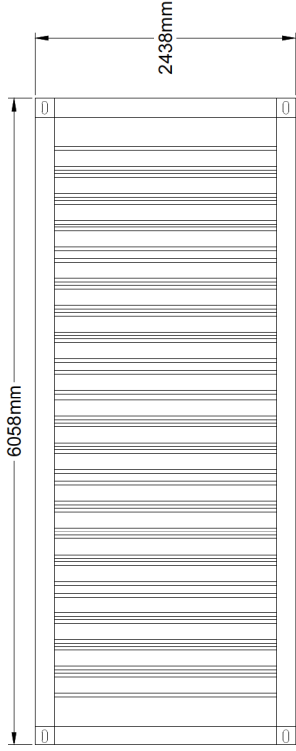


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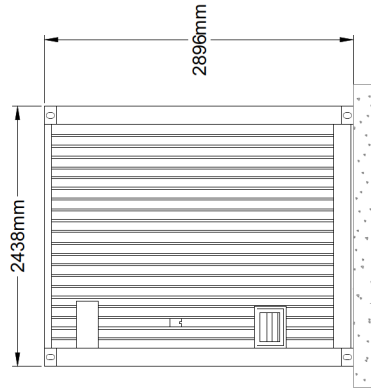
- Detailed component section views found at drawings GLC01A-EXG-05-ZZ-D-K001-K008 and should be viewed in conjunction with this plan.
- Sections based on Site Layout Plan drawing GLC01A-EXG-04-00-D-K001-P02 as submitted.
- Existing topographic levels on site from site-specific topographic survey.
- Existing topographic levels off site from Environment Agency LIDAR DTM dataset 2022 edition with 1m precision.
- All proposed levels shown are indicative only are subject to final civil design.
- Any colours shown are representative of a similar colour, the exact specification of which is to be agreed prior to construction works.
- Extent of A417 slip road junction from Ordnance Survey Master Mapping.
- Existing vegetation indicative of species detailed within the arboricultural survey, such as field maple.

Notes:

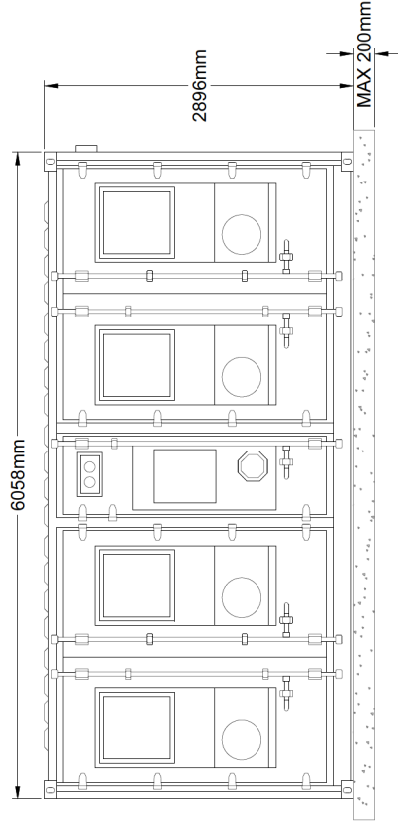
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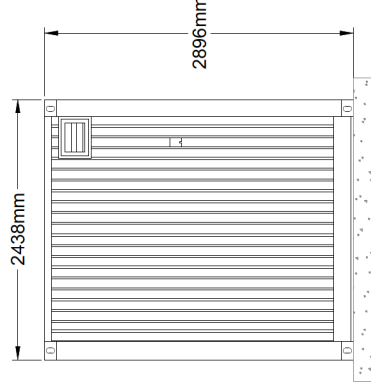
PLAN VIEW



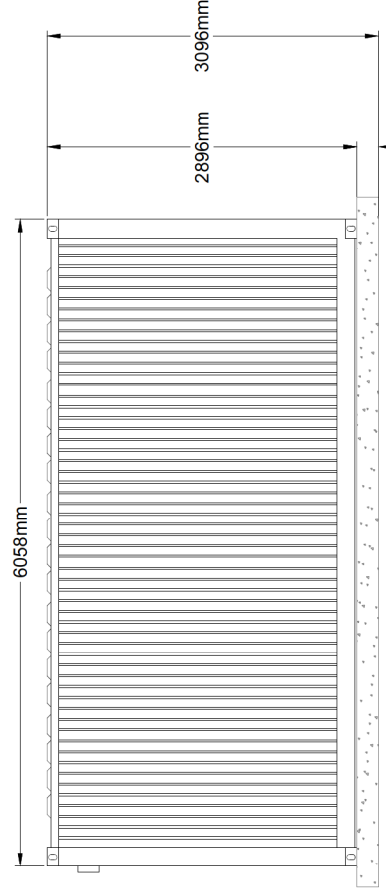
SIDE ELEVATION - 1



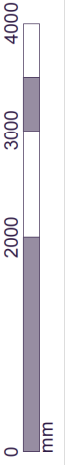
FRONT ELEVATION



SIDE ELEVATION - 2



BACK ELEVATION



Rev	Date	Removed typical wording	Description
P02	15.03.24		



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Drawing title
 20t Battery
 Container Elevations

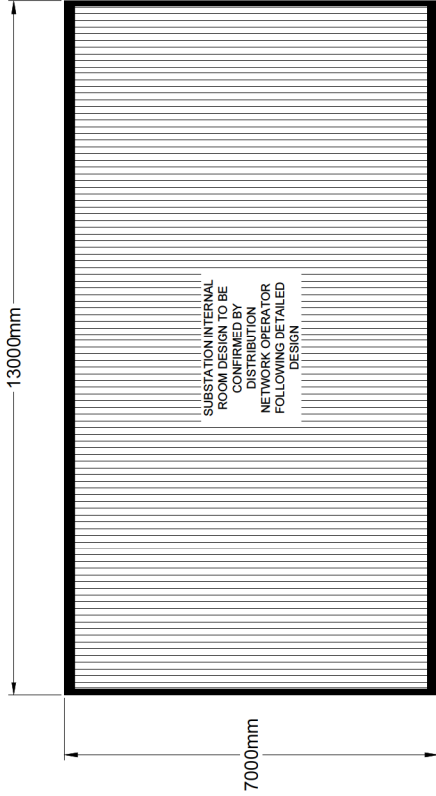
Project
 Brockworth Road Energy Reserve

Status
 Planning Application

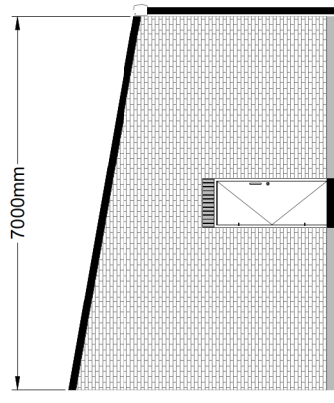
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20/11/2023	1:50	S4
Drawing number		Revision
GLC01A-EXG-05-ZZ-D-K001		P02

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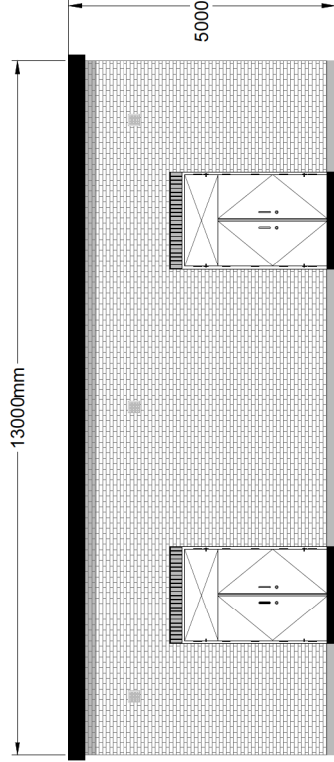
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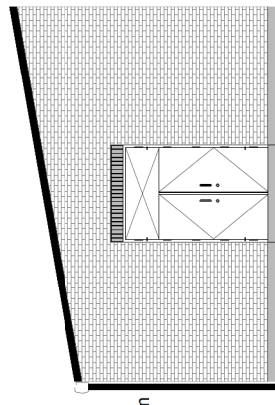
PLAN VIEW



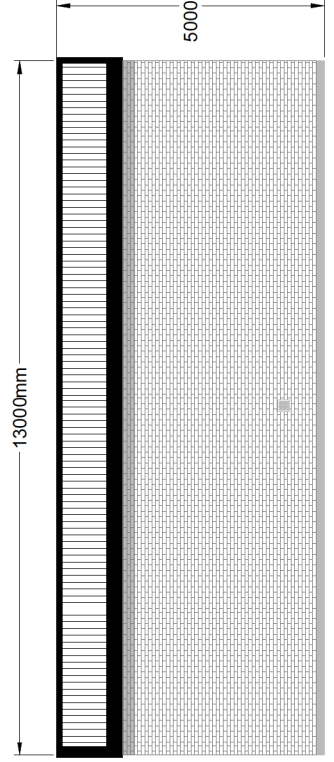
SIDE ELEVATION - 1



FRONT ELEVATION



SIDE ELEVATION - 2



BACK ELEVATION



Rev	Date	Description
P02	15.03.24	Removed typical wording



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Drawing title
 Large Substation Building
 Elevations

Project
 Brockworth Road Energy Reserve

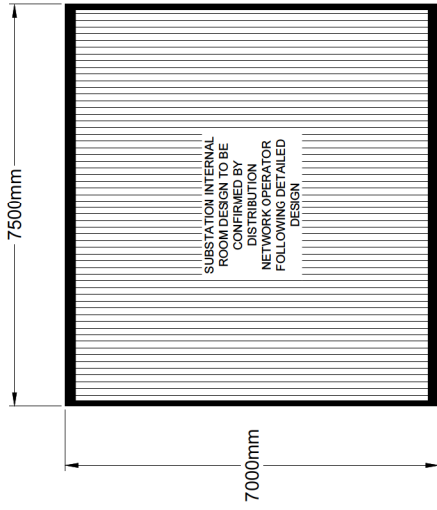
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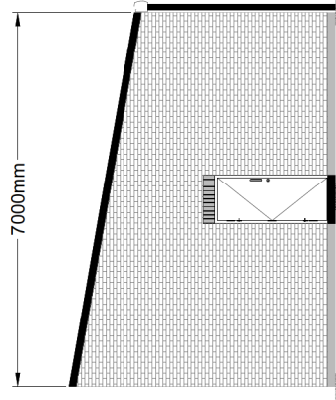
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 Status code
 S4
 Revision
 P02

Notes:

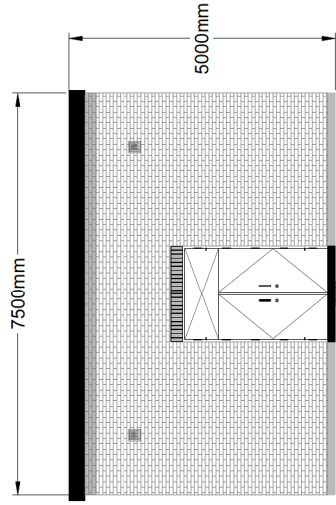
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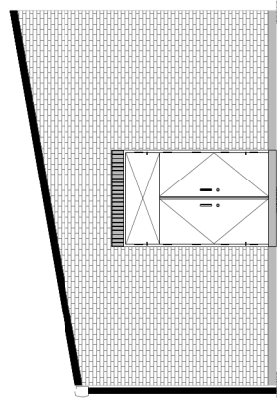
PLAN VIEW



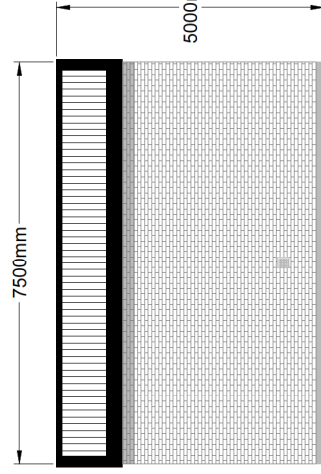
SIDE ELEVATION - 1



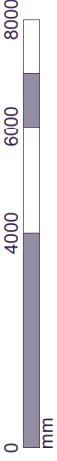
FRONT ELEVATION



SIDE ELEVATION - 2



BACK ELEVATION



Rev	Date	Removed typical wording	Description
P02	15.03.24		



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Drawing title
 Small Substation Building
 Elevations

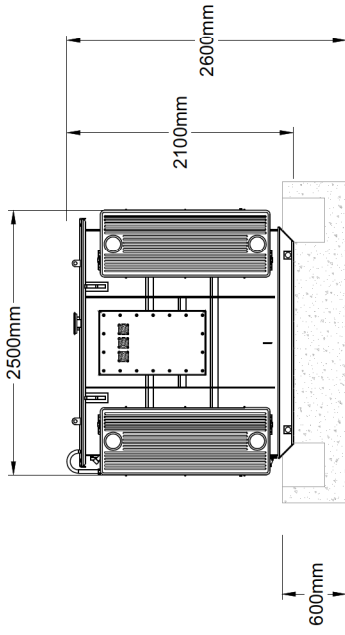
Project
 Brockworth Road Energy Reserve

Status
 Planning Application

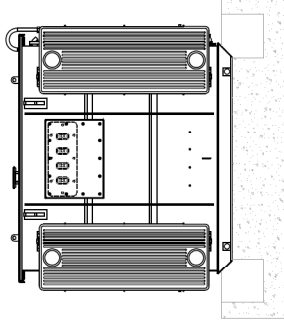
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 Drawing number
 GLC01A-EXG-05-ZZ-D-K004
 Revision
 P02

Notes:

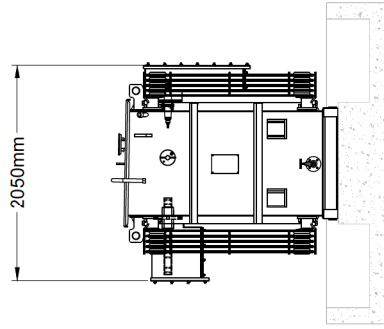
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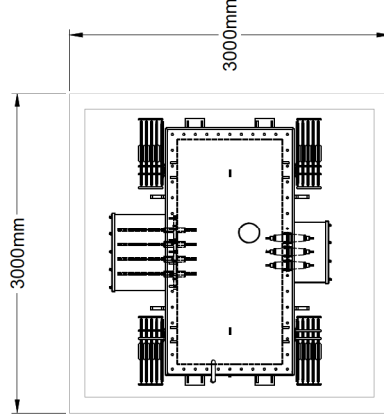
FRONT ELEVATION



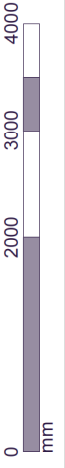
BACK ELEVATION



SIDE ELEVATION



PLAN VIEW



Rev	Date	Removed typical wording	Description
P02	15.03.24		



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Drawing title
Auxiliary Transformer Elevations

Project
Brockworth Road Energy Reserve

Status
Planning Application

Date	20/11/2023	Scale at A3	1:50	Status code	S4
Drawing number	GLC01A-EXG-05-ZZ-D-K005	Revision			P02

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Rev	Date	Removed typical wording	Description
P02	15.03.24		



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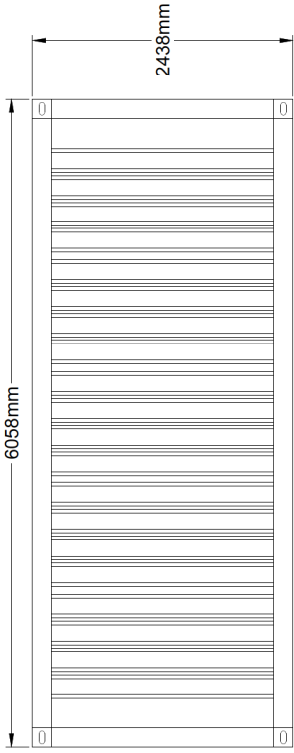
Client
Exagen Development Limited

Drawing title
Medium Voltage Inverter Unit Elevations

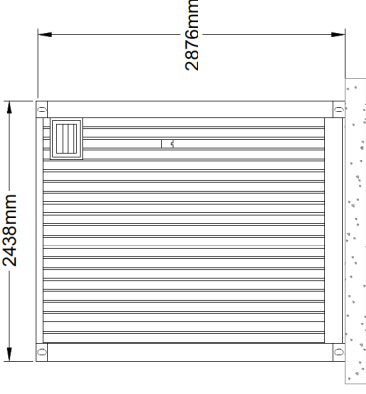
Project
Brockworth Road Energy Reserve

Status
Planning Application

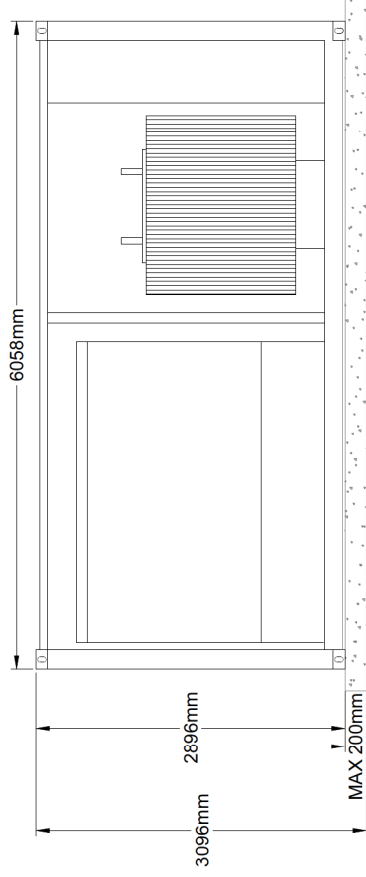
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Drawing number	GLC01A-EXG-05-ZZ-D-K002	Revision			P02



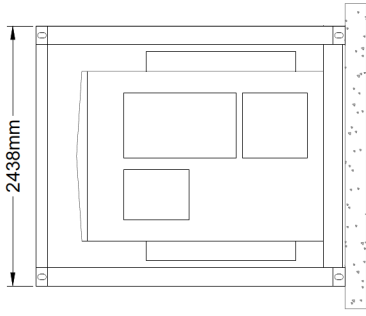
PLAN VIEW



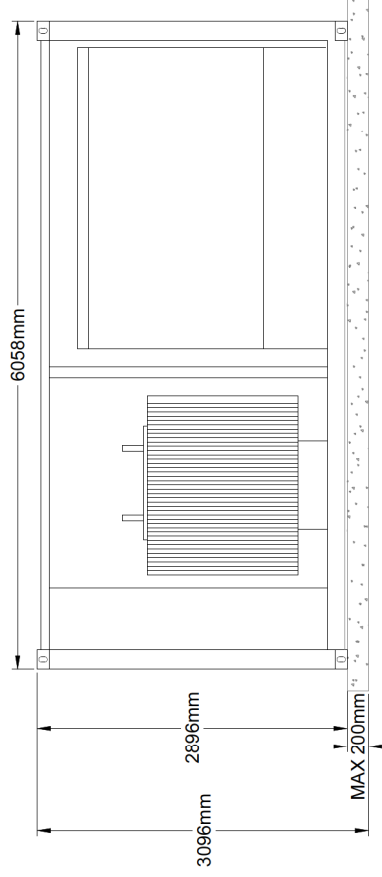
SIDE ELEVATION - 2



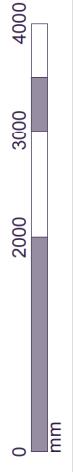
FRONT ELEVATION



SIDE ELEVATION - 1

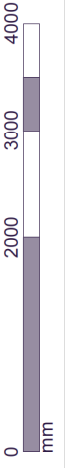
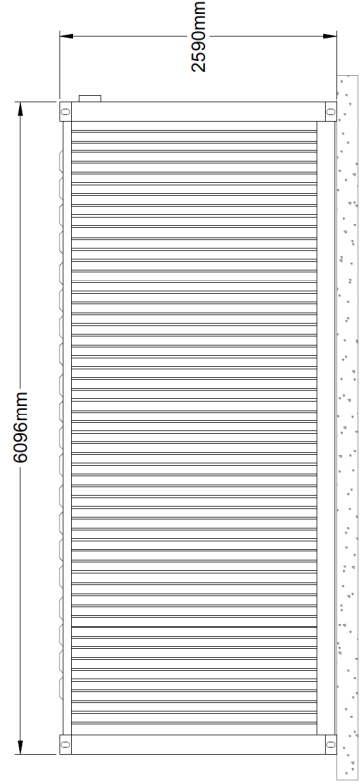
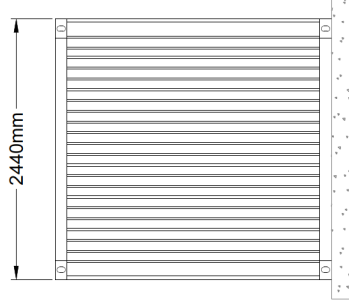
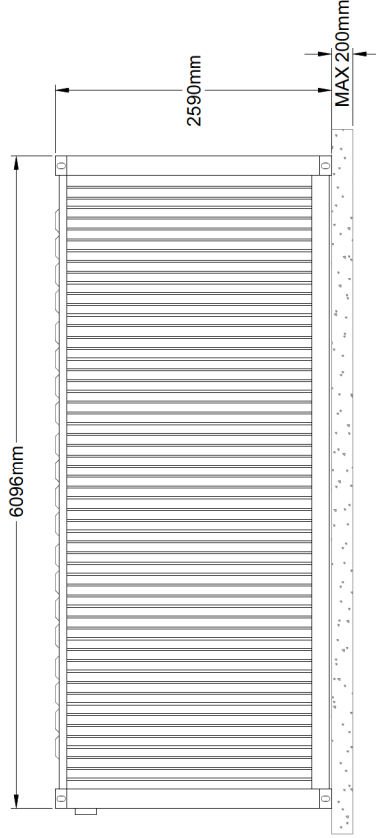
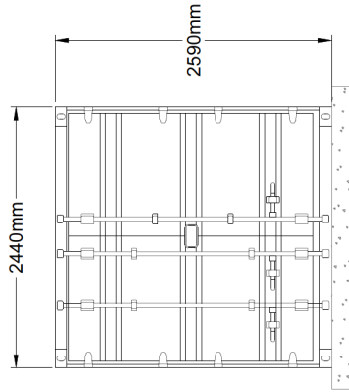
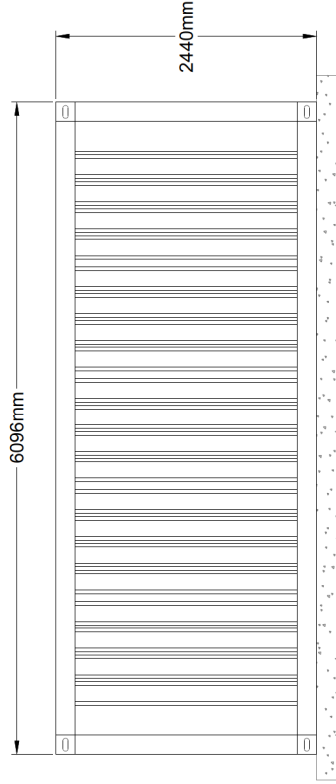


BACK ELEVATION



Notes:

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SIDE ELEVATION - 1

FRONT ELEVATION

SIDE ELEVATION - 2

BACK ELEVATION

Rev	Date	Removed typical wording	Description
P02	15.03.24		



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Client
Exagen Development Limited

Drawing title
**Spare Parts Storage
 Container Elevations**

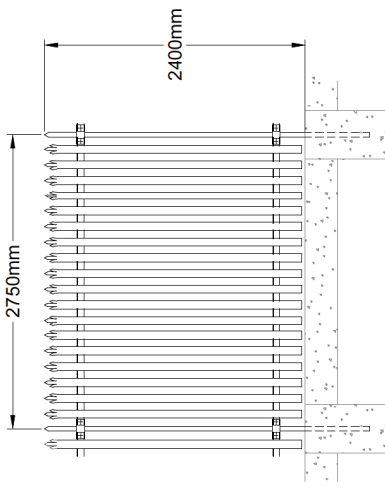
Project
Brockworth Road Energy Reserve

Status
Planning Application

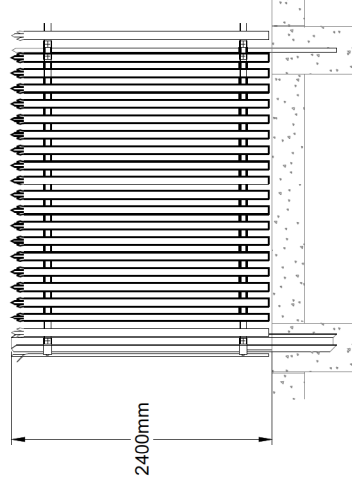
Date	20/11/2023	Scale at A3	1:50	Status code	S4
Drawing number	GLC01A-EXG-05-ZZ-D-K008	Revision			P02

Notes:

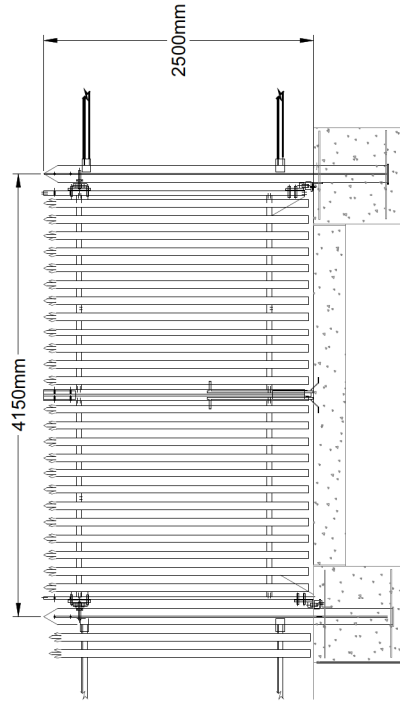
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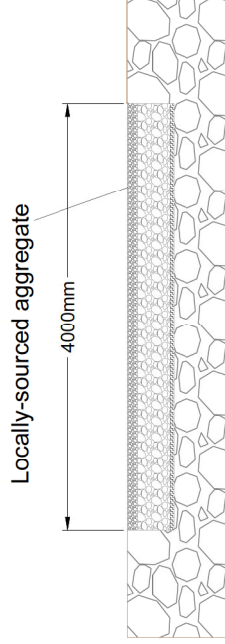
FENCE ELEVATION



FENCE CORNER ELEVATION



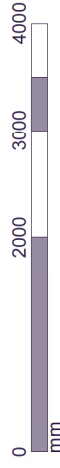
GATE ELEVATION



Typical Access Road Detail



ACCESS TRACK EXAMPLE (NTS)



Rev	Date	Removed typical wording	Description
P02	15.03.24		



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Drawing title
 Pallisade Fence and Access

Project
 Brockworth Road Energy Reserve

Status
 Planning Application

Date
 20/11/2023

Scale at A3
 1:50

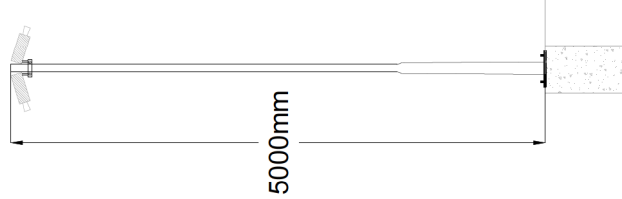
Status code
 S4

Revision
 P02

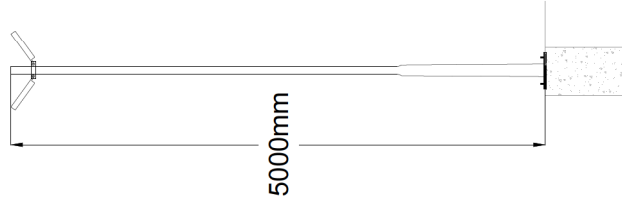
Drawing number
 GLC01A-EXG-05-ZZ-D-K006

Notes:

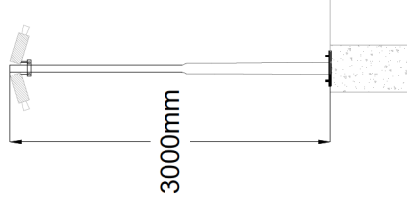
View in conjunction with all relevant documents.
 All dimensions to be checked on site before proceeding with work.
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 The information contained therein must not be copied or reproduced in any form without written permission.
 All dimensions, levels, and coordinates are in millimetres unless defined.
 All areas are approximate and indicative only.
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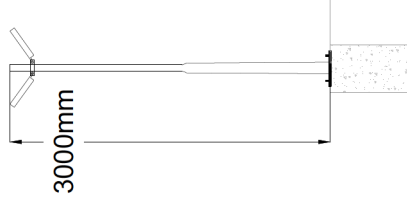
CCTV POST
ELEVATION
(SUBSTATION)



LIGHTING POST
ELEVATION
(SUBSTATION)



CCTV POST
ELEVATION
(BATTERIES)



LIGHTING POST
ELEVATION
(BATTERIES)



Rev	Date	Removed typical wording	Description
P02	15.03.24		



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Drawing title
 BESS CCTV and Lighting Posts

Project
 Brockworth Road Energy Reserve

Status
 Planning Application

Date	20/11/2023	Scale at A3	1:50	Status code	S4
Drawing number	GLC01A-EXG-05-ZZ-D-K007	Revision			P02