

Installer Details:
 Queequeg Renewables
 2nd Floor, The Works,
 Turnham Green,
 Terrace Mews,
 Chiswick, London (UK),
 W4 1QU

Legend:
 Site Boundary □

 Scale 1:1250 on A3 paper

Map Info
 Site Area: (3.4 acres)
 Grid Reference:(SJ 92588 90451)
 Site address: (SK6 3LH)
 Coordinates ESPG 4326:
 (53.4109023,-2.1123978)

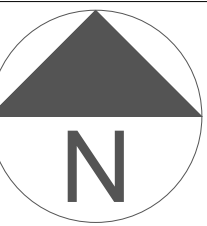
Revision	Description	Drawn by	Approved by	Date
001	Initial version	FP		06/02/2023
002	Boundary and Map Adjustment	AC	CB	26/10/2023
003	Boundary & Area Confirmation	AC	CB	07/11/2023

Land North of Clappgate

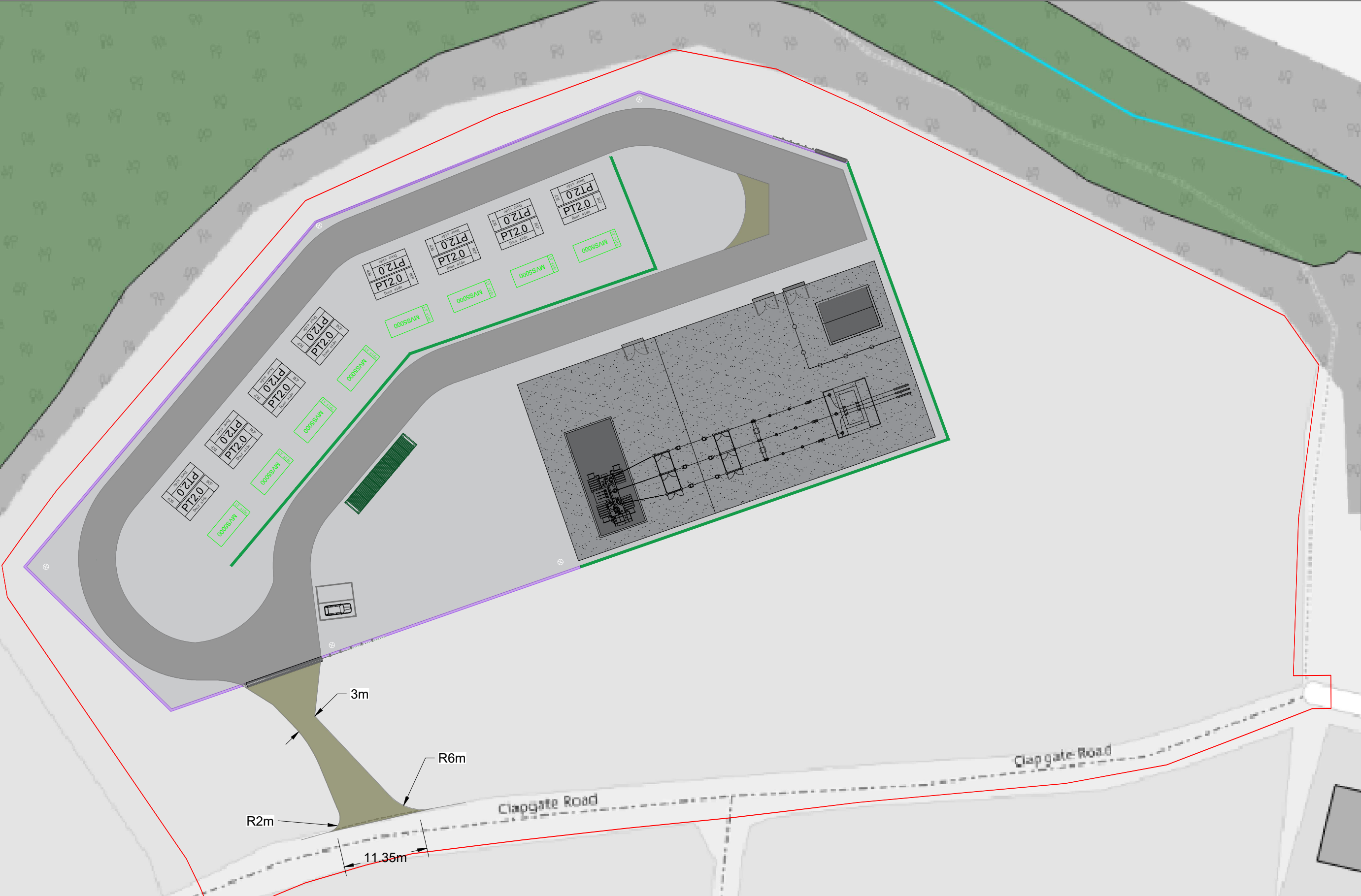
Site Location Plan

Drawing No.
 QQR-STO-009 - Site Location Plan





- Legend**
- Acoustic Fence
 - Fence Line
 - Compound Fence
 - Site Boundary
 - Access Tracks
 - Compound Area
 - Welfare / Control Room
 - Medium Voltage Station
 - Battery Racks
 - Gate
 - Sliding Gate
 - 33kV Compound Building
 - Transformer
 - Bus Bar
 - Circuit Breaker
 - CCTV
 - Grounding Equipment
 - Access Track
 - Eco Grid



PLANNING ONLY	Queequeg Renewables, Ltd 2nd Floor, the Works, 14 Turnham Green Terrace Mews, W41QU London (UK)	
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Land North of Clapgate		DIM. A3
BESS		DRAWING SCALE 1: 500
General Layout		PAGE 1 of 1
DOCUMENT NAME QQR-STO-009 - Land North of Clapgate	DWG. N° 15.11 Revised	

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Low maintenance native shrub planting proposed on sloping ground along the edge of the battery storage area.

Native woodland planting proposed to extend existing woodland and screen views of the battery storage area from the public right of way and Clapgate Road to the south and southwest.

Swale proposed around development area. To be planted with native trees along the banks only, and seeded with wet meadow grass mix along the entire swale channel.

Native woodland to enclose and screen views of the battery storage area from the residential area and public rights of way to the east and south.

Trees proposed to filter and screen views into the site from the adjacent public right of way and from the residential area to the east.

Finished Ground Level 90.92

Low maintenance native shrub planting proposed along the edge of the battery storage area.

Proposed vehicle access into the battery storage area to be surfaced with EcoGrid (which allows grass to grow through).

Native woodland planting proposed to screen views of the battery storage area from the residential area and public rights of way to the east and south.

Informal amenity area with educational information board.

Wildflower meadow with grass pathway through.

KEY

- Red line boundary
- 10m offset from high voltage overhead power line
- Existing trees and hedgerow
- Root protection areas
- Existing Public Right of Way
- Existing highways sign (approximate location)
- Native woodland planting with heavy standard trees
- Native shrub planting on sloping ground
- Native semi-mature trees
- Species rich grass - EM3 Special General Purpose Mixture supplied by Emorsgate or similar approved
- Wet meadow grass - EM8 Wet Meadow Mixture as supplied by Emorsgate or similar approved
- Flowering lawn - N14 Flowering Lawn Plant Collection supplied by Naturescape or similar approved
- Climbing plants with 1m wide mulch bed
- Educational signboard
- Access surfaced with EcoGrid (which allows grass to grow through)
- Gravel surface
- Tarmac
- 33kV Compound Building
- Concrete base with brick bund
- Acoustic fence with wire mesh system for climbing plants (4m high)
- Security fence (dark green, 2.4m high)
- Swale seeded with wet meadow grass mix
- Access gate
- Gravel trench

INDICATIVE PLANTING SCHEDULE

NATIVE WOODLAND MIX - to be planted at a density of 1.5m centres

PLANT SPECIES	COMMON NAME	SIZE	%
Acer campestre	Field Maple	B 60-80 cm ht	10
Alnus glutinosa	Alder	B 60-80 cm ht	10
Betula pendula	Silver Birch	B 60-80 cm ht	15
Corylus avellana	Hazel	B 60-80 cm ht	10
Prunus spinosa	Blackthorn	B 60-80 cm ht	10
Prunus avium	Wild Cherry	B 60-80 cm ht	10
Quercus robur	Oak	B 60-80 cm ht	10
Sorbus aucuparia	Mountain Ash	B 60-80 cm ht	15
Sambucus nigra	Elder	B 60-80 cm ht	10

NATIVE TREES *see note below

PLANT SPECIES	COMMON NAME	SIZE (GIRTH AND HEIGHT)
Acer campestre	Field Maple	Heavy standard, RB, 12-14cm, 300-400 cm ht
Acer campestre	Field Maple	Semi mature, RB, 18-20cm, 400-600 cm ht
Betula pendula	Silver Birch	Heavy standard, RB, 12-14cm, 300-400 cm ht
Betula pendula	Silver Birch	Semi mature, RB, 18-20cm, 400-600 cm ht
Prunus avium	Wild Cherry	Heavy standard, RB, 12-14cm, 300-400 cm ht
Prunus avium	Wild Cherry	Semi mature, RB, 18-20cm, 400-600 cm ht
Quercus robur	Oak	Heavy standard, RB, 12-14cm, 300-400 cm ht
Quercus robur	Oak	Semi mature, RB, 18-20cm, 400-600 cm ht
Sorbus aucuparia	Mountain Ash	Heavy standard, RB, 12-14cm, 300-400 cm ht
Sorbus aucuparia	Mountain Ash	Semi mature, RB, 18-20cm, 400-600 cm ht

NATIVE SHRUBS - to be planted at a density of 1.5m centres

PLANT SPECIES	COMMON NAME	SIZE	%
Corylus avellana	Hazel	60-80cm ht	20%
Crataegus monogyna	Hawthorn	60-80cm ht	20%
Sambucus nigra	Elder	60-80cm ht	20%
Ilex aquifolium	Holly	60-80cm ht	20%
Prunus spinosa	Blackthorn	60-80cm ht	20%

CLIMBERS - to be planted at 1.5m centres

PLANT SPECIES	COMMON NAME	SIZE
Hedera helix	Ivy	3L pot 30-40 cm ht
Lonicera periclymenum	Honeysuckle	2L pot 60-80 cm ht

*** NOTE**

Heavy standard trees to be planted within native woodland areas. Semi mature trees to be planted along the eastern site boundary and as a feature within the proposed wildflower area to the east of the site.

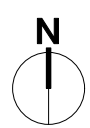
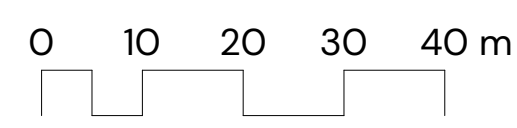
Rev	Date	By	Note
D	12/06/2024	NW	Updated to new layout
C	08/11/2023	NW	Updated vegetation within the swale and trees along the eastern boundary
B	23/10/2023	NW	Updated levels and associated vegetation
A	10/10/2023	NW	Updated to new layout, adjusting trees and vegetation at the entrance

Landscape Masterplan

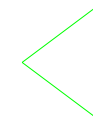
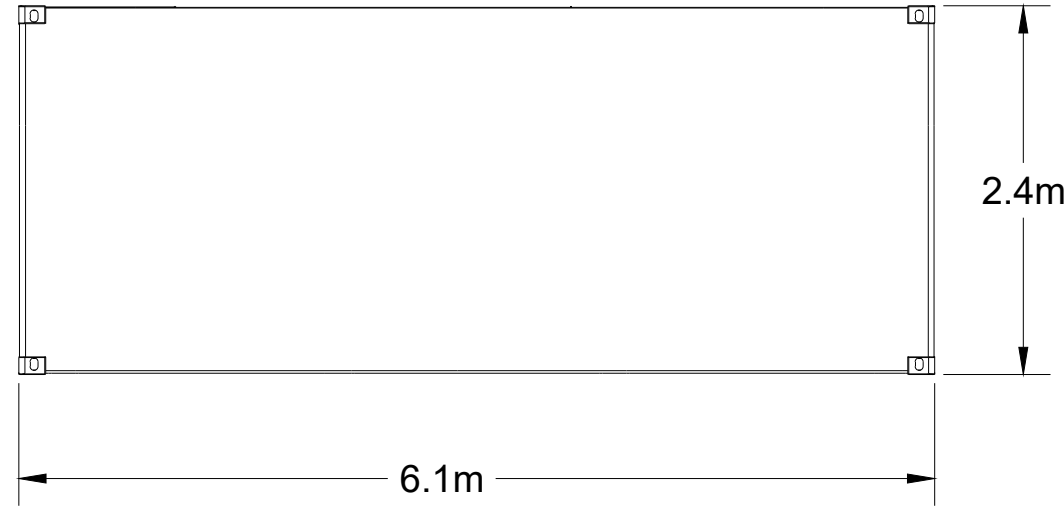
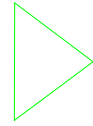
Land North of Clapgate, Bredbury Green

Client: Queequeg Renewables Ltd
 DRWG No: P23-0149_EN_0003
 REV: D

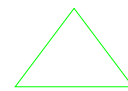
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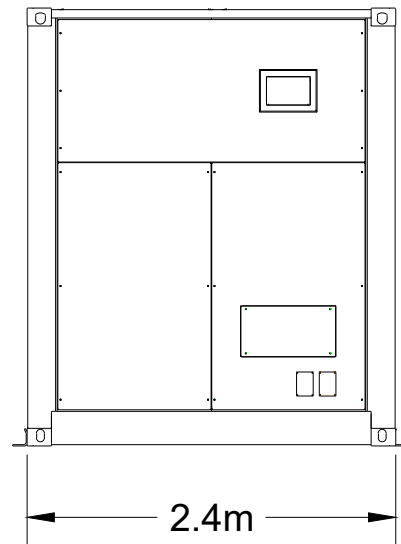


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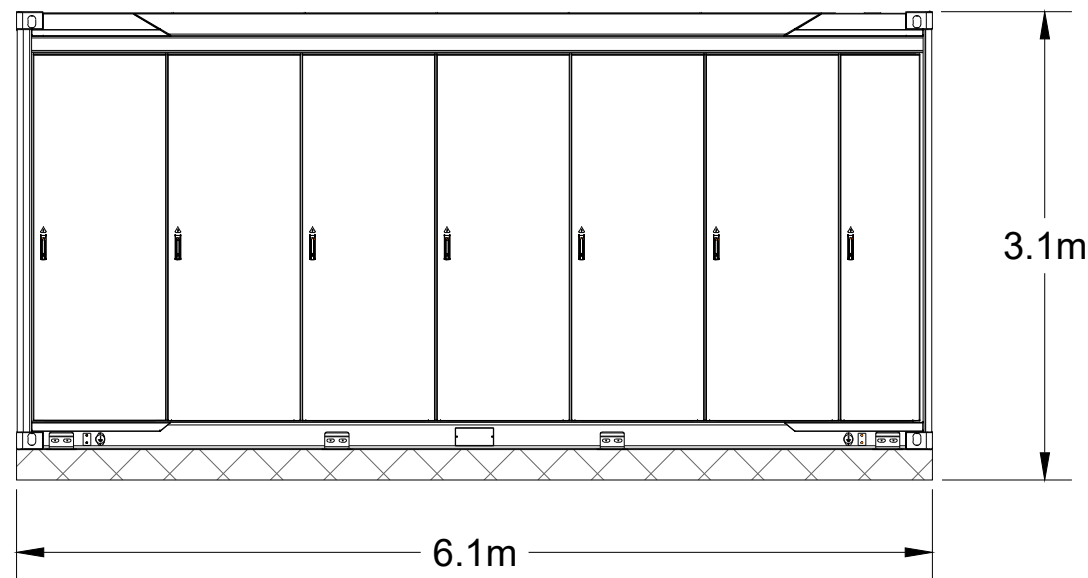


Front View

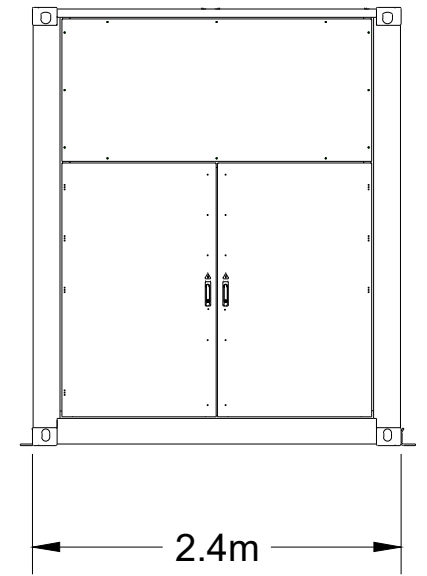
PLAN



SIDE 1




FRONT

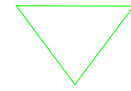


SIDE 2

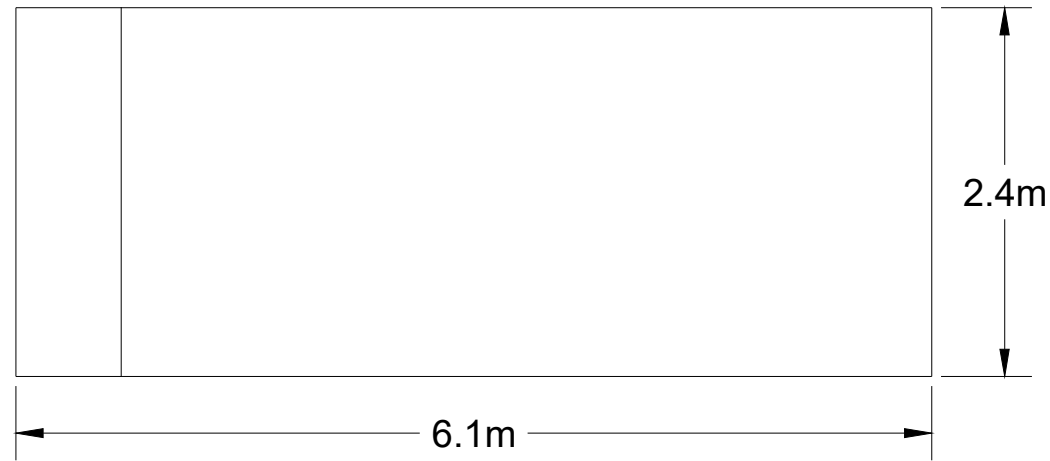
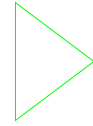


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Land North of Clapgate BESS Battery Container Elevation		DIM. A3 DRAWING SCALE 1: 50
DOCUMENT NAME QQR-STO-009 - Component Elevation 01	DWG. N° 01	PAGE 1 of 1

Rear View



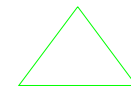
Side 1



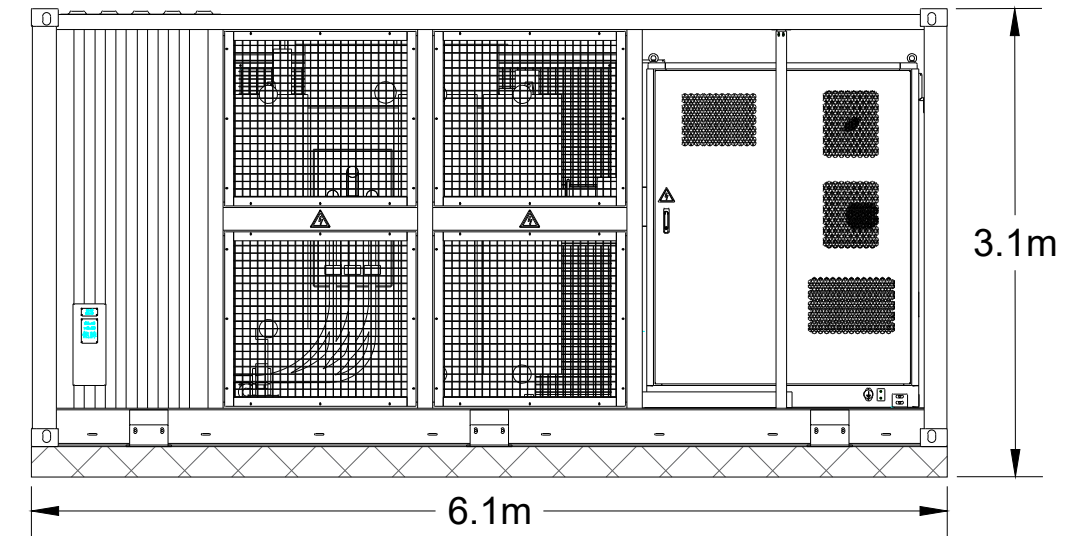
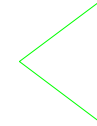
2.4m

6.1m

Front View



Side 2

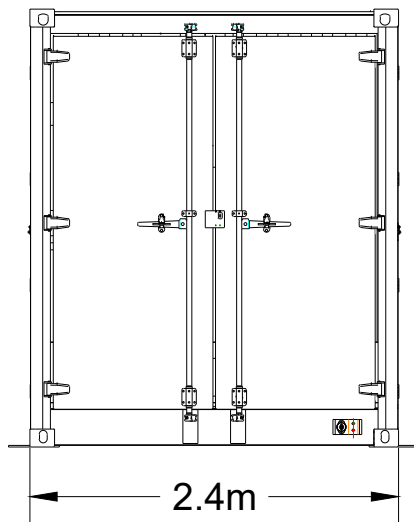


3.1m

6.1m

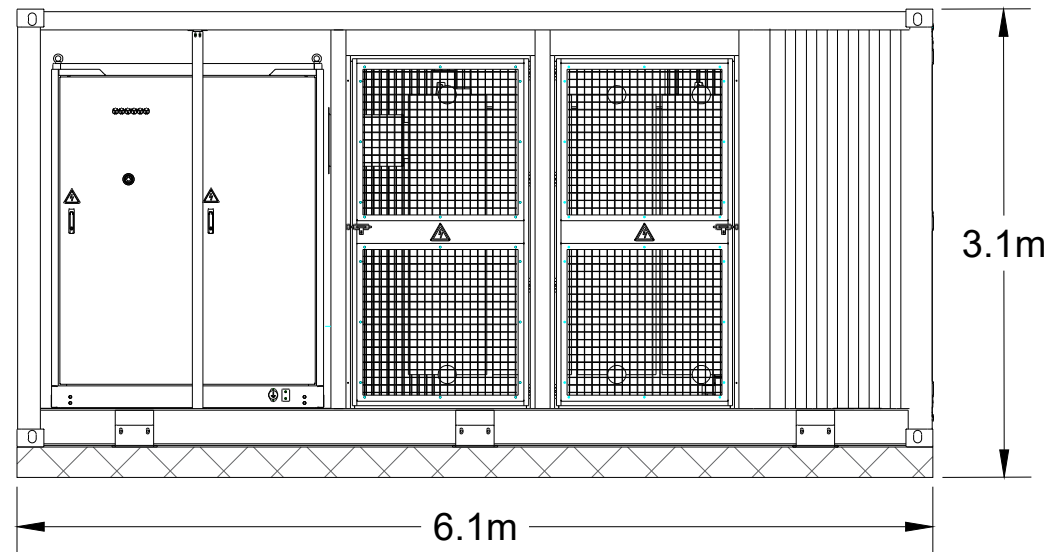
REAR

PLAN



2.4m

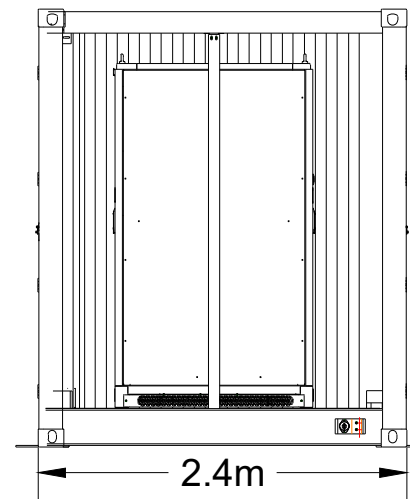
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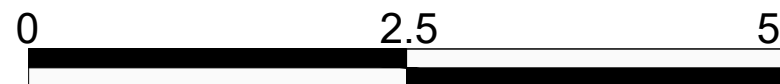
6.1m

FRONT



2.4m

SIDE 2

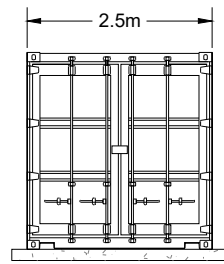
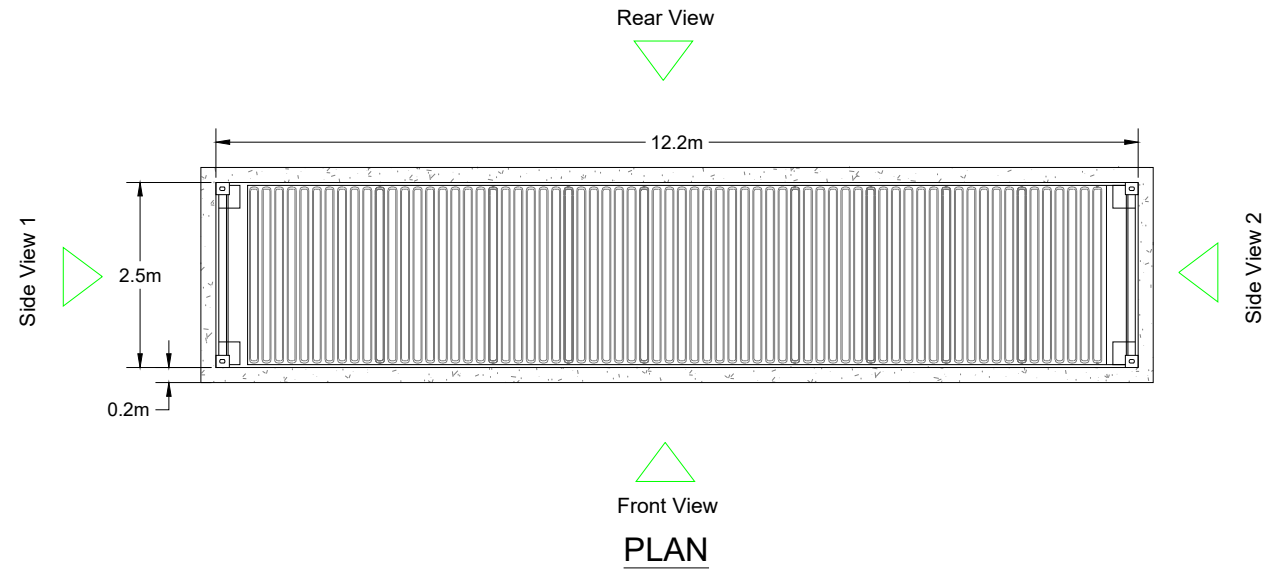


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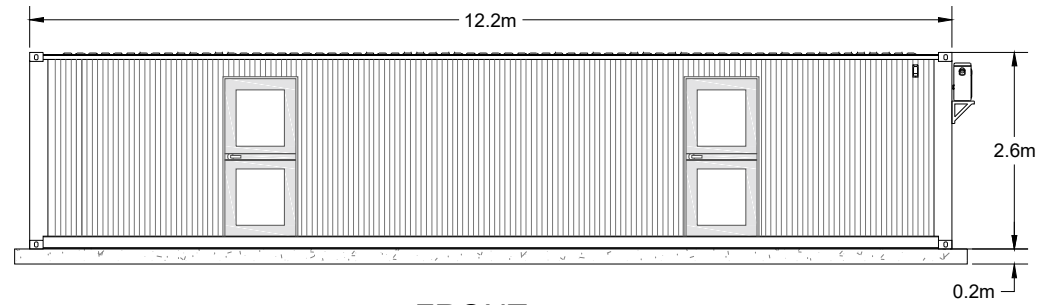
Queequeg Renewables, Ltd
2nd Floor, the Works
14 Turnham Green Terrace Mews
W4 1QU, London



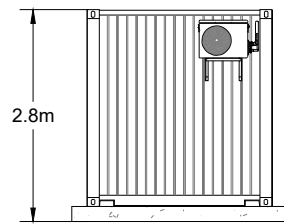
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Land North of Clapgate		DIM. A3	
BESS		DRAWING SCALE 1:50	
Medium Voltage Station Elevation		PAGE	
DOCUMENT NAME QQR-STO-009 - Component Elevation 04		DWG. N° 01	1 of 1



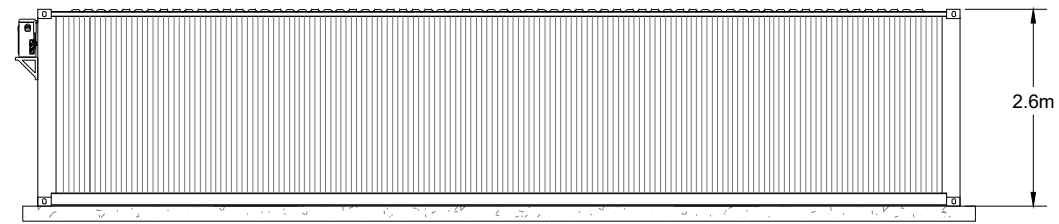
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FRONT



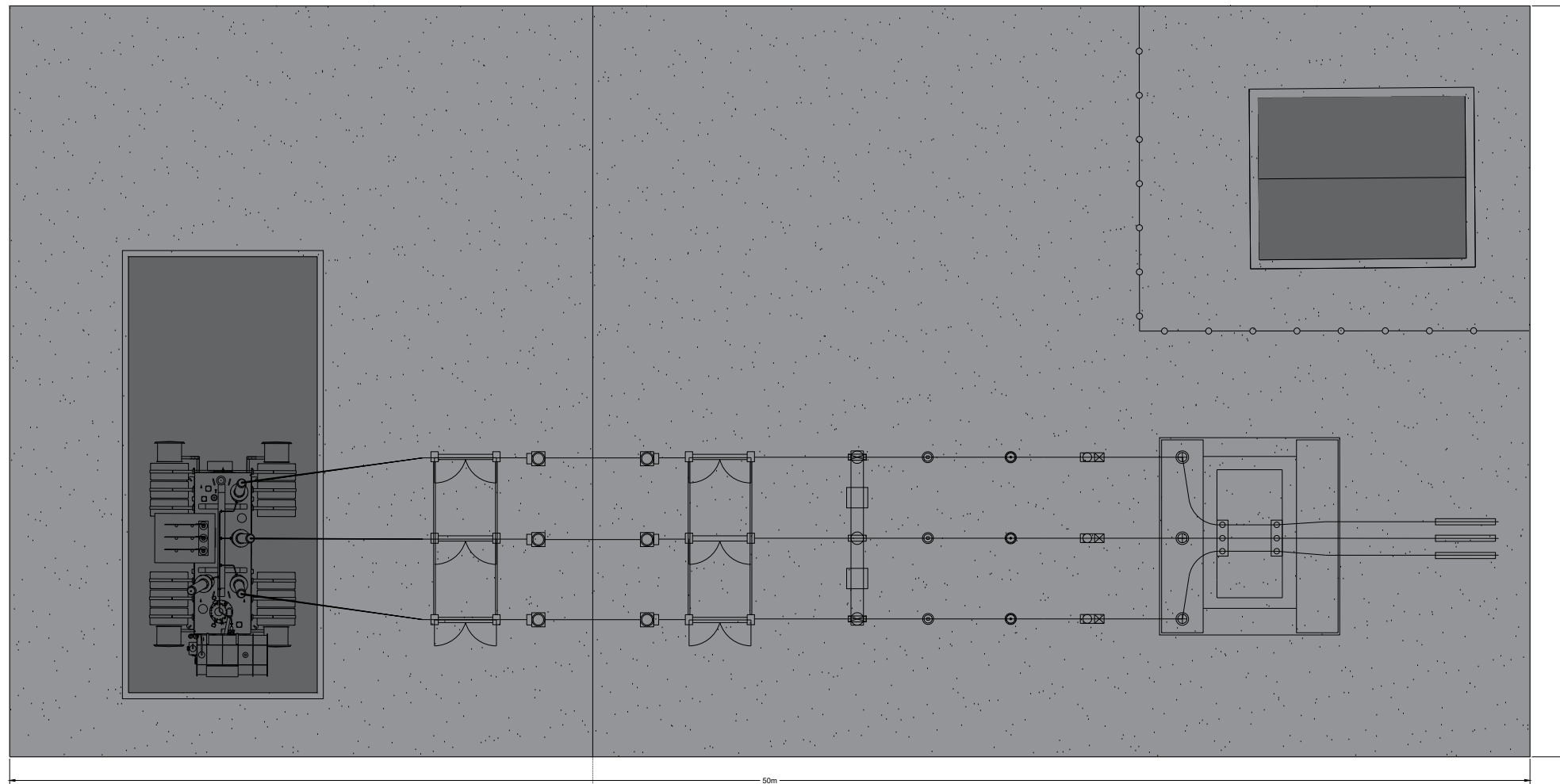
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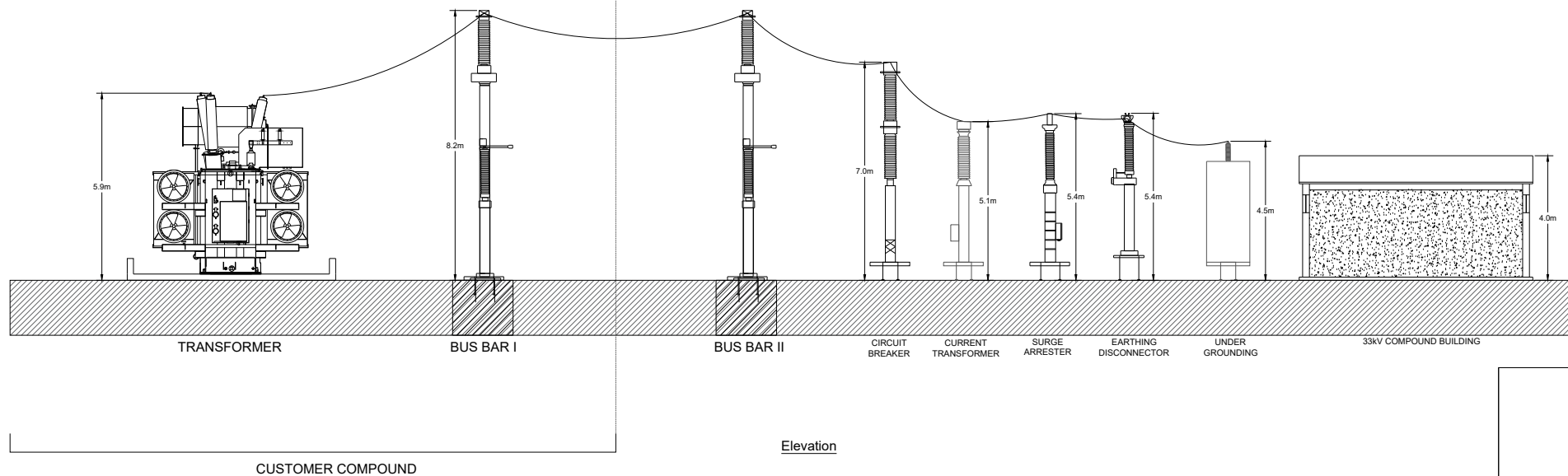
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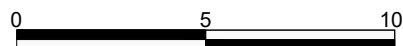
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Land North of Clapgate		DIM.
BESS		A3
Welfare Container Elevation		DRAWING SCALE
		1:100
DOCUMENT NAME	DWG. N°	PAGE
QQR-STO-009 - Component Elevation 06	01	1 of 1




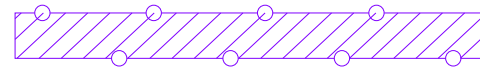
PLAN



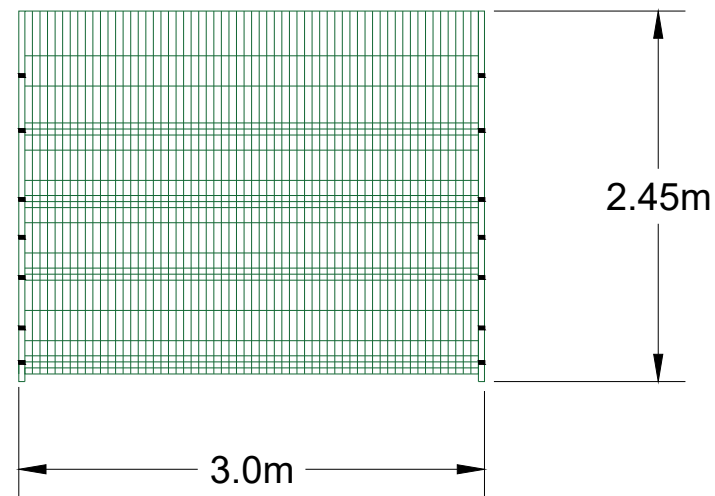
Elevation



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Land North of Clapgate BESS Compound Elevation			DIM. A3 DRAWING SCALE 1:200
DOCUMENT NAME QQR-STO-009 - Component Elevation 09		DWG. N° 01	PAGE 1 of 1



Fence Line Layout Plan Indication

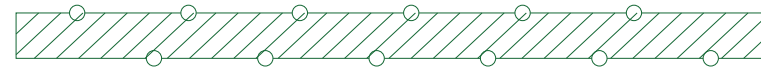


Fence Line Standalone

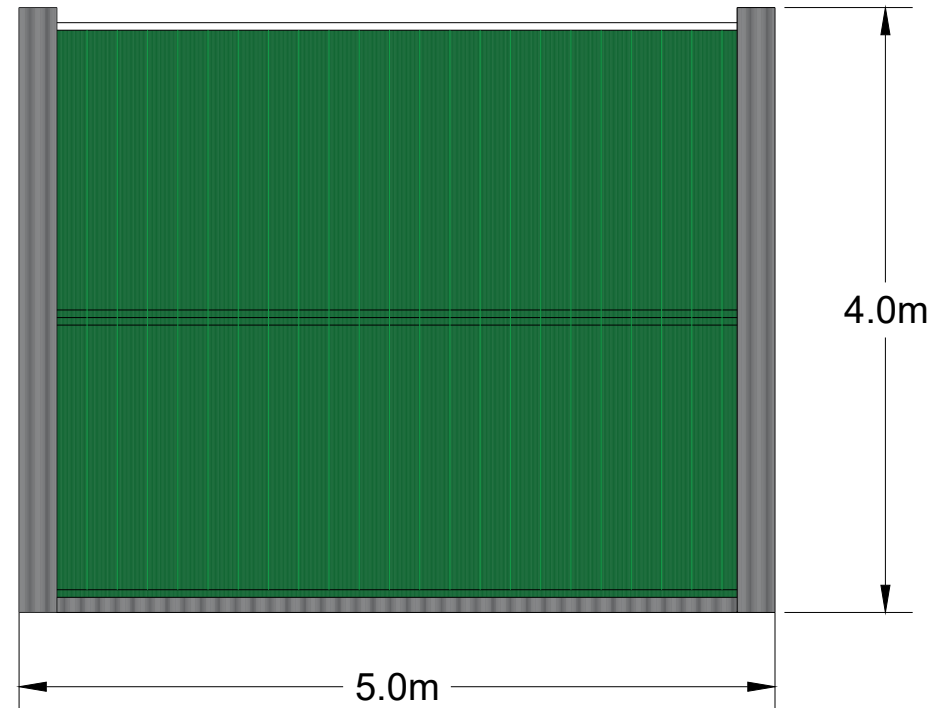
2.4m High Palisade Fence

Dig in post type with galvanised steel finish.
Compliant to BS EN ISO 1461:2009.

Installed height: 2.4m with recommended
ground depth of 0.73m.



Acoustic Fence Layout Plan Indication




Acoustic Fence Standalone

Green SoundBlok by GRAMM Barriers

A corrosion resistant aluminum sectional frame
with a sound absorptive core. The robust
structure provides a natural appearance designed
to grow climbing plants.

Design Life: 40 - 60 years.
Acoustic Performance: DLR 28 DB.



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Land North of Clapgate		DIM.
BESS		A3
Fence Line / Acoustic Fence Elevation		DRAWING SCALE
		1: 50
DOCUMENT NAME	DWG. N°	PAGE
QQR-STO-009 - Component Elevation 03	01	1 of 1