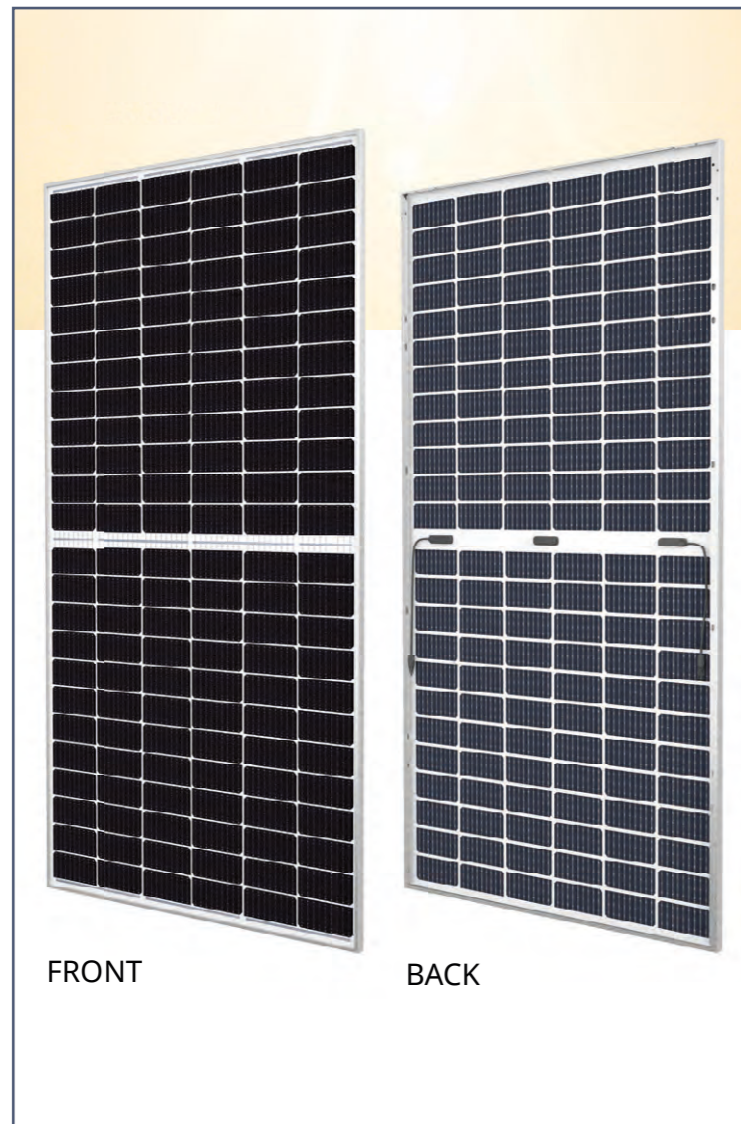


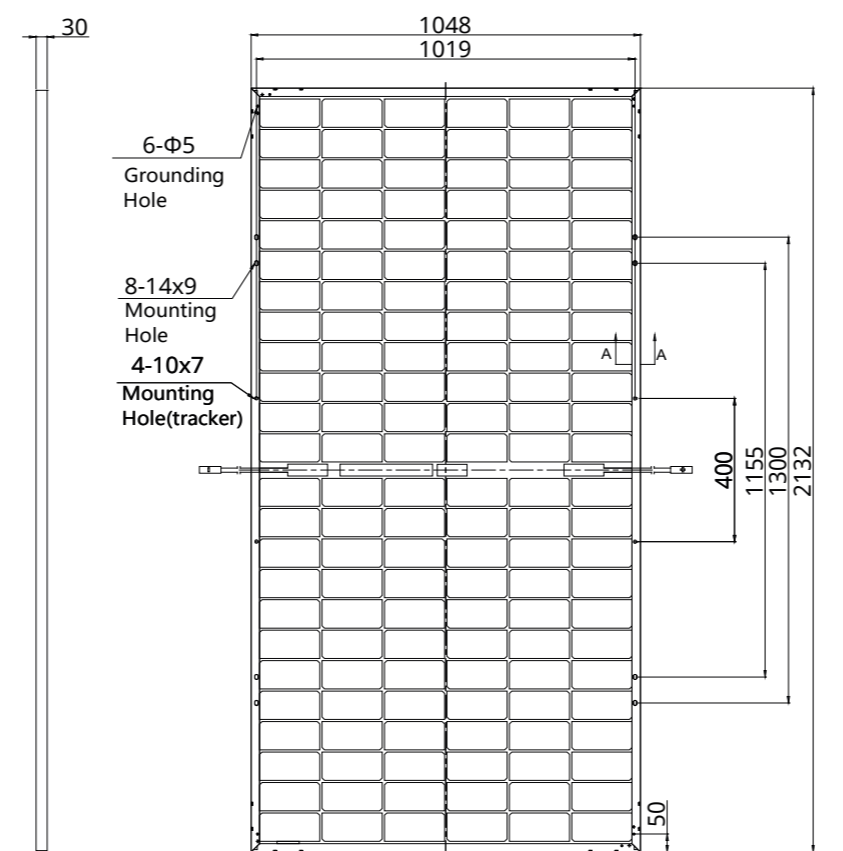
# SIX OAKS RENEWABLE ENERGY PARK

Typical Solar Panel

Figure 7.1



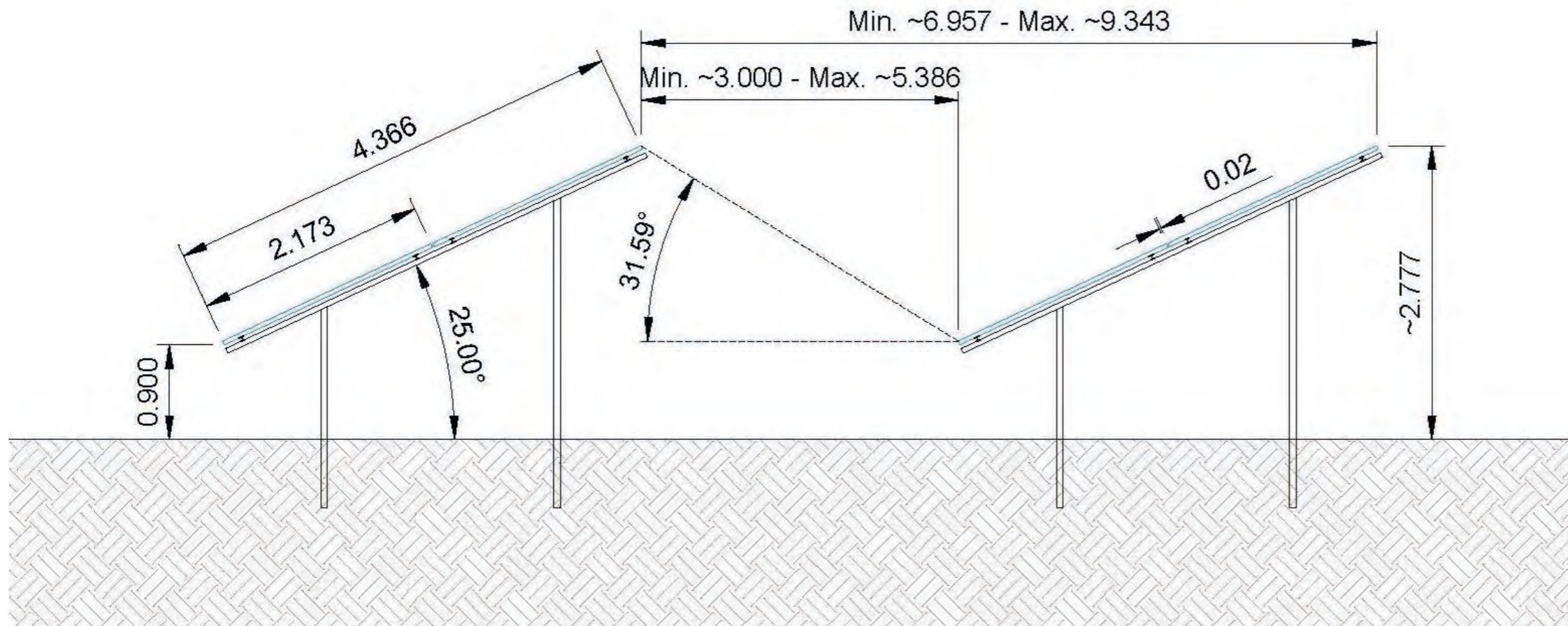
## Rear View



# SIX OAKS RENEWABLE ENERGY PARK

## Typical Solar Panel and Frame Elevation

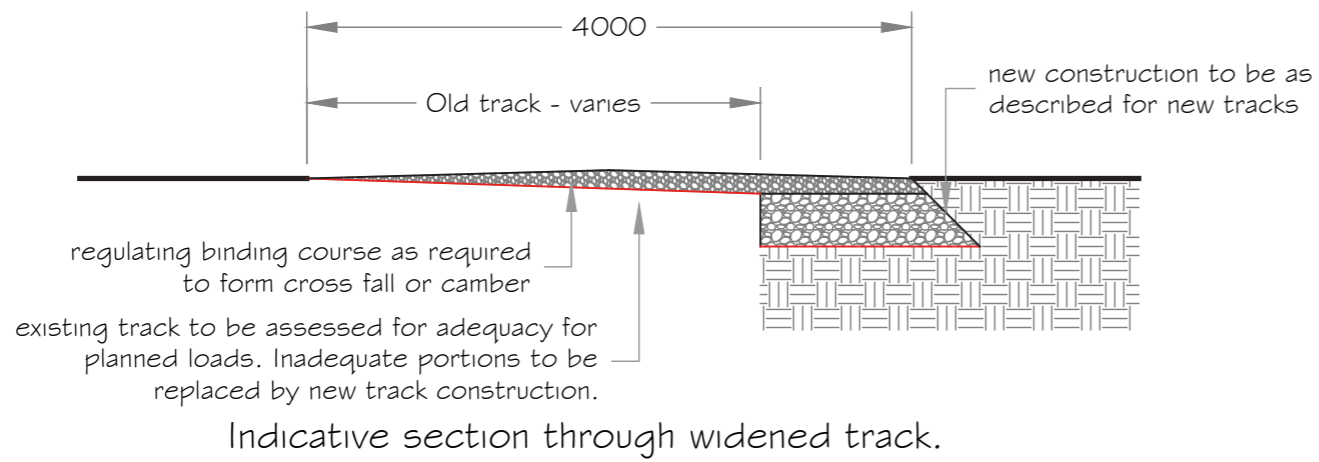
Figure 7.2



# SIX OAKS RENEWABLE ENERGY PARK

## Typical Access Track Detail

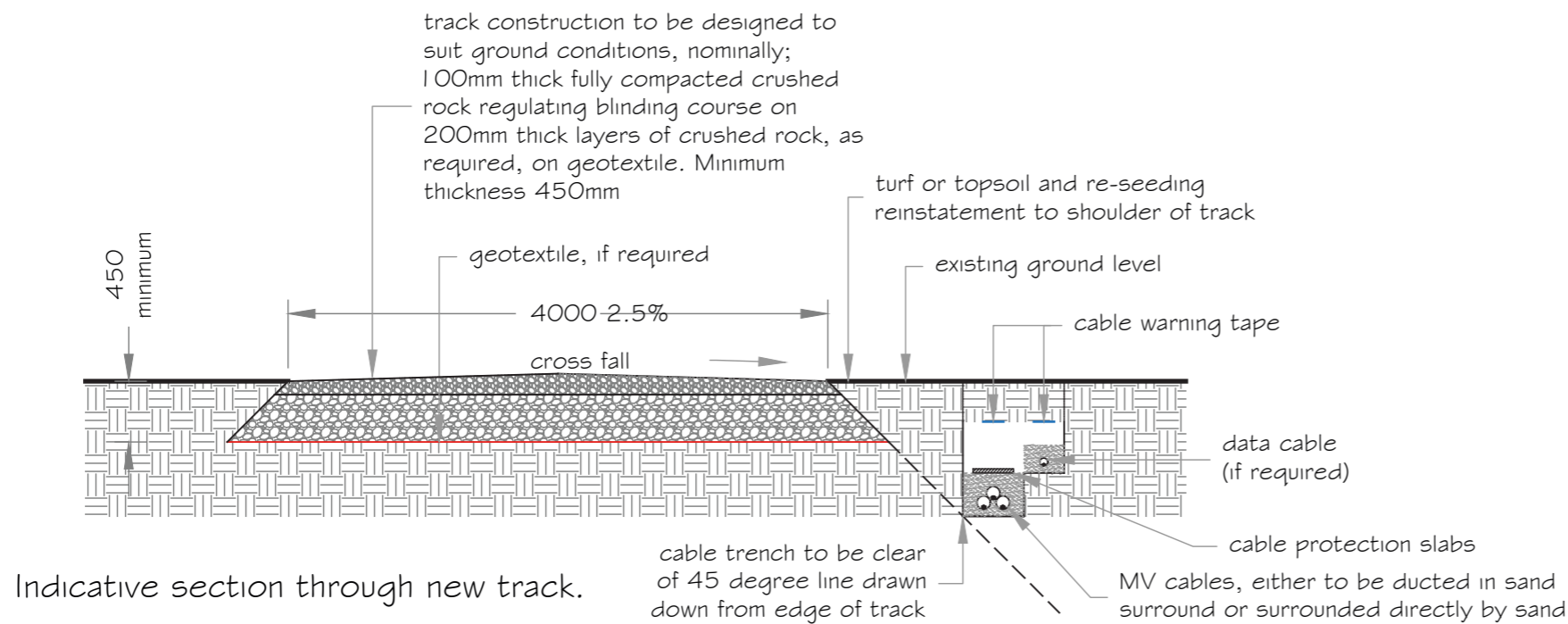
Figure 7.3



Inset - Typical Access Track Appearance

NOTES

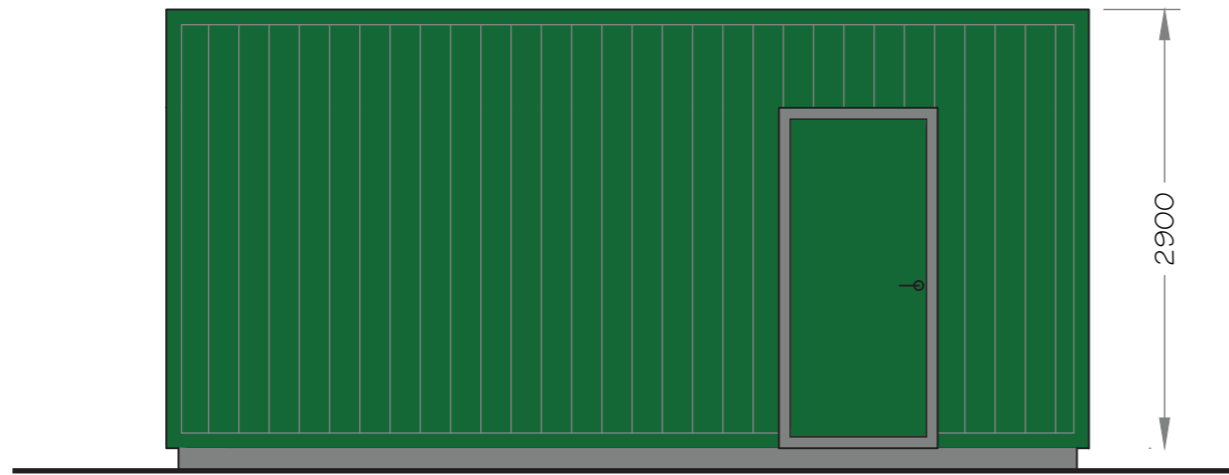
- 1 All measurements in millimetres, unless stated otherwise
- 2 The thickness of the gravel layer depends on the load-bearing capacity of the subsoil
- 3 The gravel must be placed in layers and compacted.
- 4 The required number of ductworks must be determined and can be higher than shown in the drawing



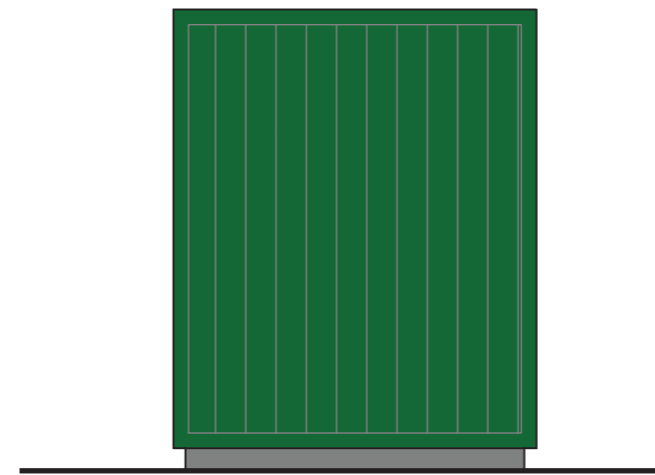
# SIX OAKS RENEWABLE ENERGY PARK

## Typical Transformer Detail

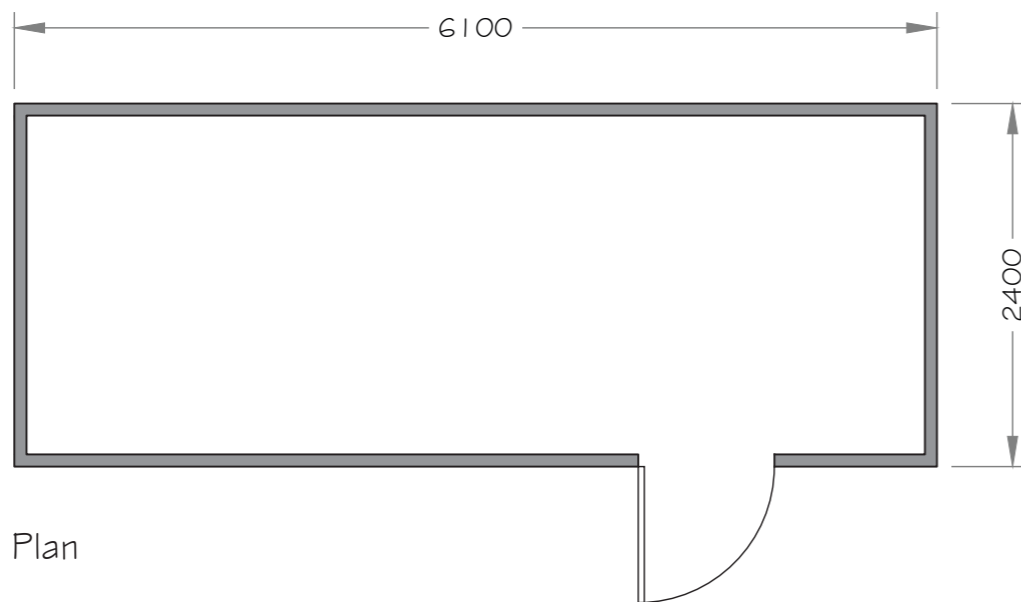
Figure 7.4



Side elevation



End elevation



Plan

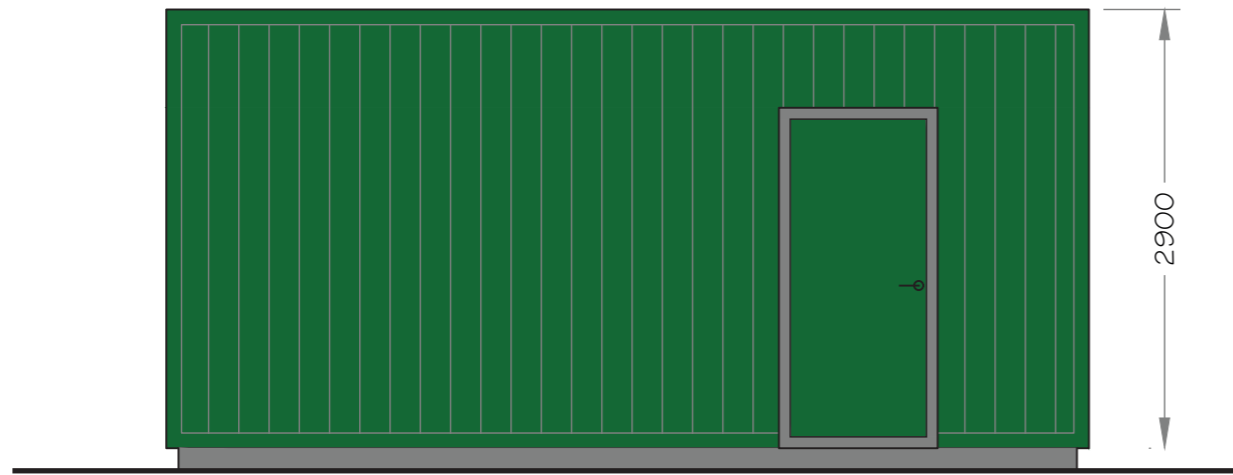
### KEY

- 1 All measurements in millimetres, unless stated otherwise
- 2 Door arrangement and ventilation may vary
- 3 External finishes to be agreed with the LPA prior to construction
- 4 Built off 150mm high plinth

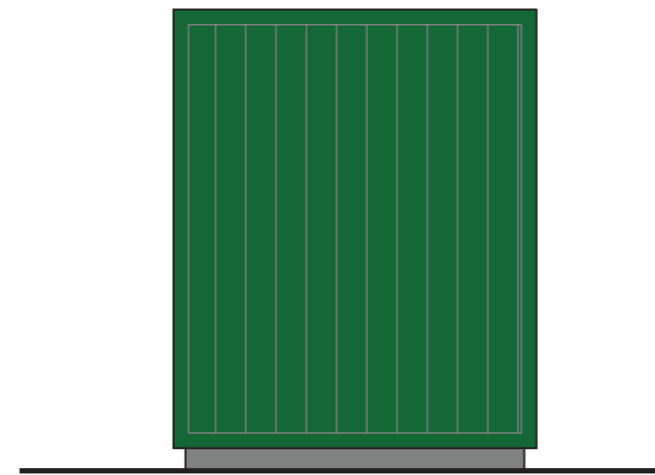
# SIX OAKS RENEWABLE ENERGY PARK

## Typical Customer Container Detail

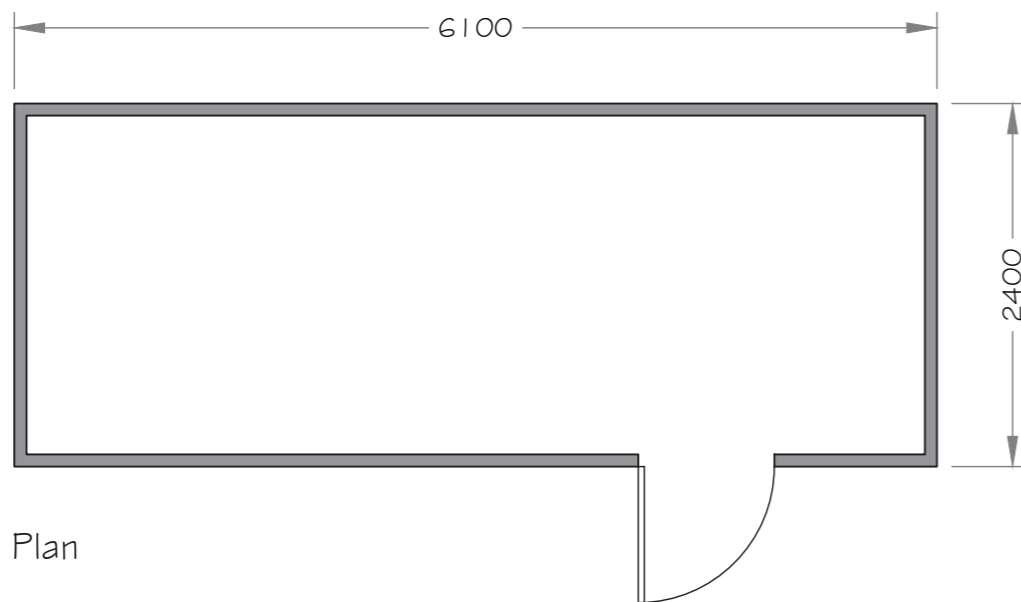
Figure 7.5



Side elevation



End elevation



Plan

### KEY

- 1 All measurements in millimetres, unless stated otherwise
- 2 Door arrangement and ventilation may vary
- 3 External finishes to be agreed with the LPA prior to construction
- 4 Built off 150mm high plinth
- 5 Where elevated

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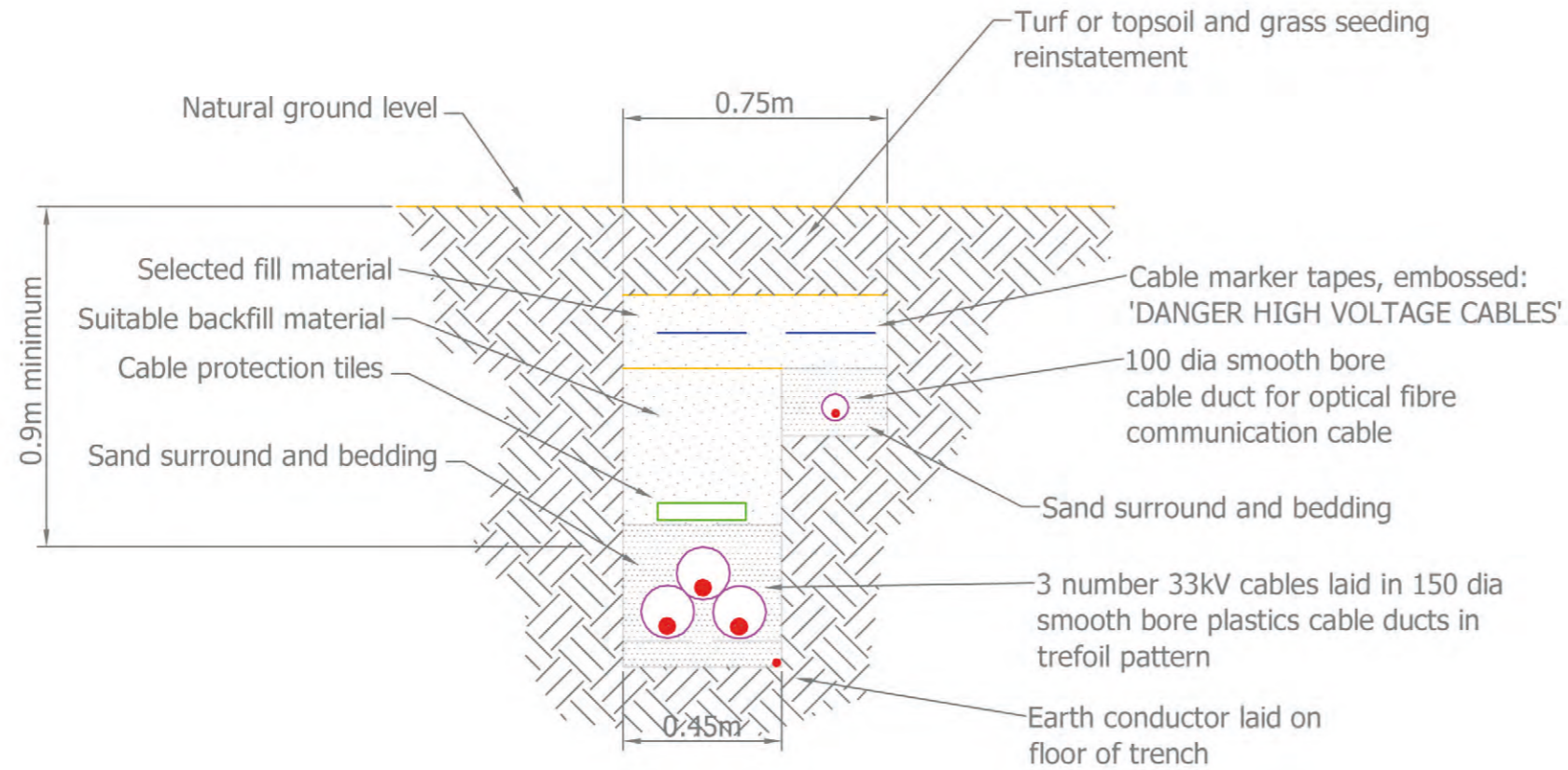
A Client of

engena

# SIX OAKS RENEWABLE ENERGY PARK

## Typical Cable Trench Detail

Figure 7.6



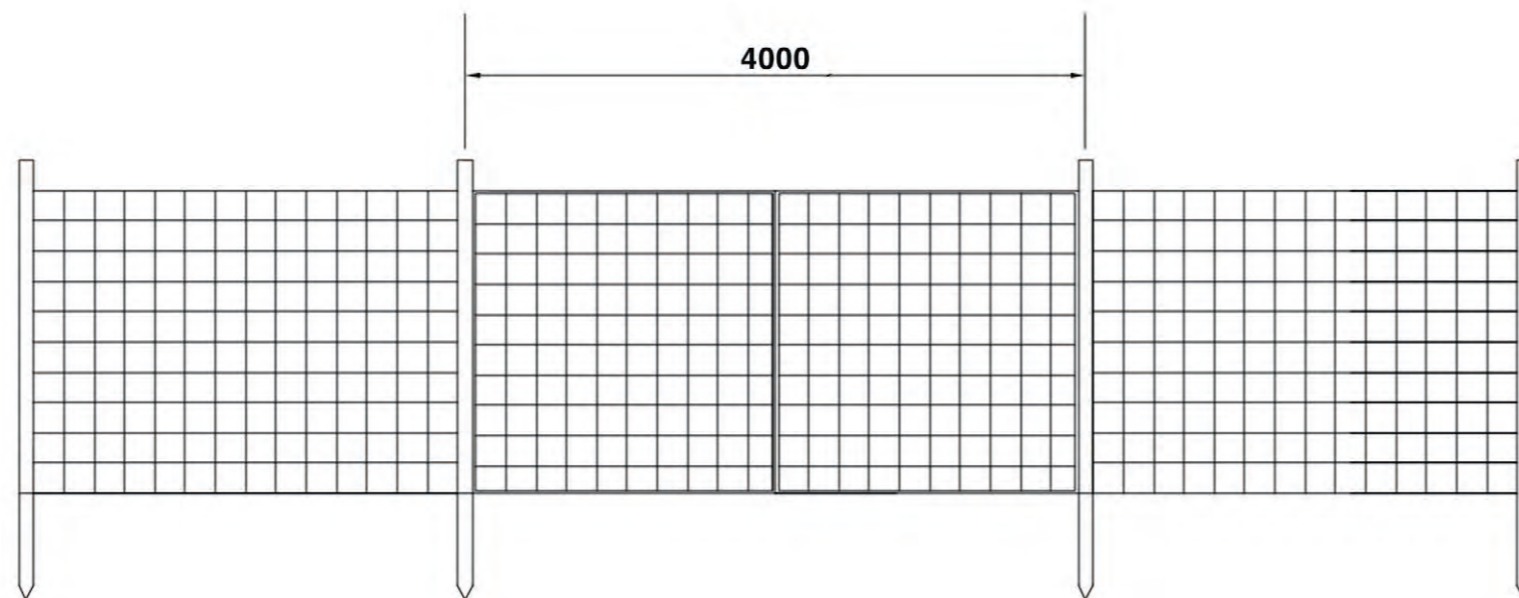
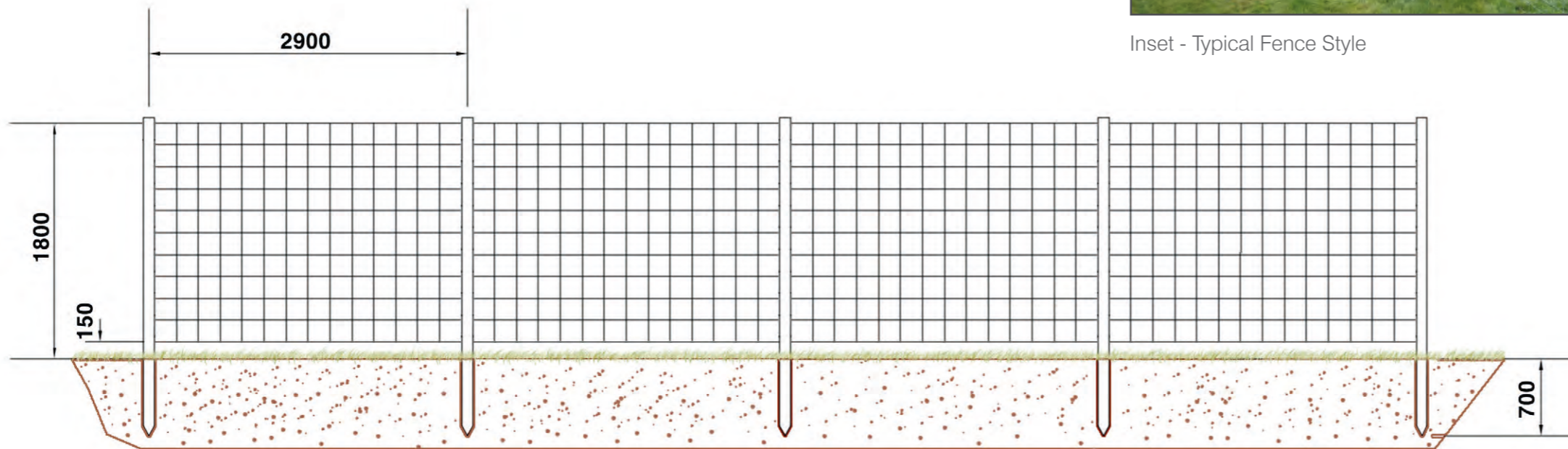
# SIX OAKS RENEWABLE ENERGY PARK

## Typical Site Fencing Detail

Figure 7.7



Inset - Typical Fence Style



### NOTES

- 1 All measurements in millimetres, unless stated otherwise
- 2 1.8m High Tensile Deer Fencing
- 3 Fencing raised by 150mm to allow for passage of small animals.
- 4 Gates installed across access track at both ends.
- 5 Post depth according to ground conditions.

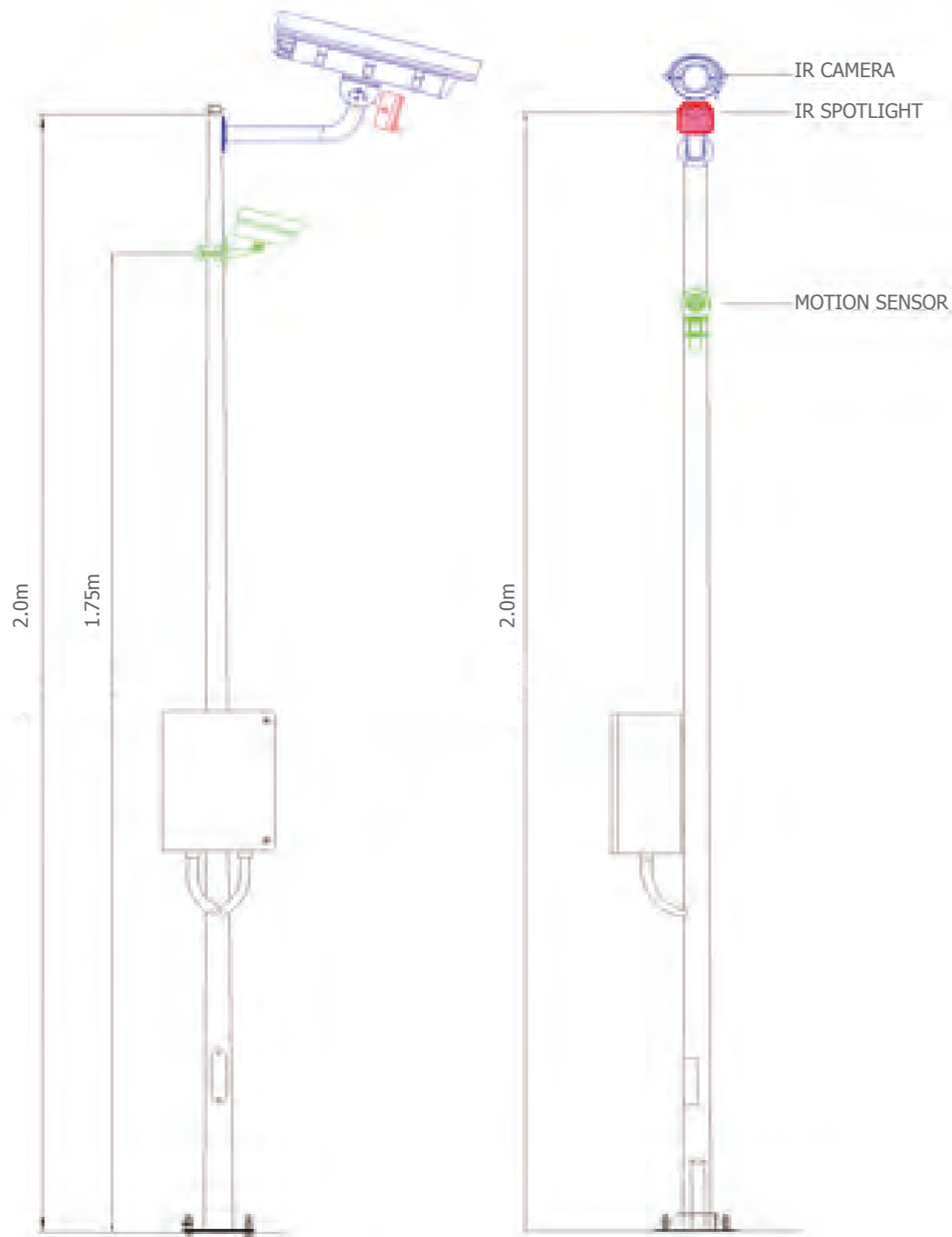
# SIX OAKS RENEWABLE ENERGY PARK

## Typical CCTV Detail

### Figure 7.8

#### NOTES

1. Exact equipment to be procured prior to construction in agreement with the LPA.
2. Cameras to be inwards-facing.





NOTES:

1. All dimensions are in metres (m).
2. Refer drg 002 for Elevations.

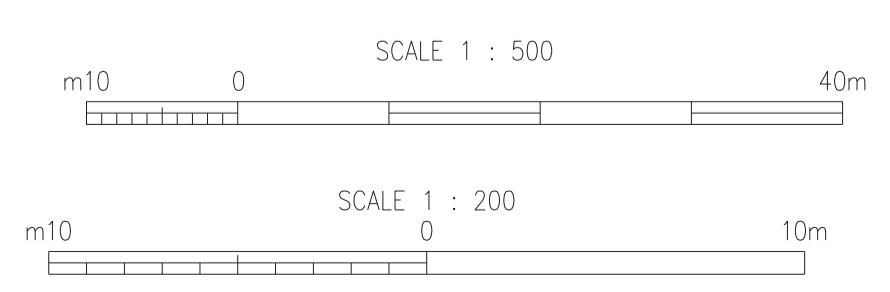
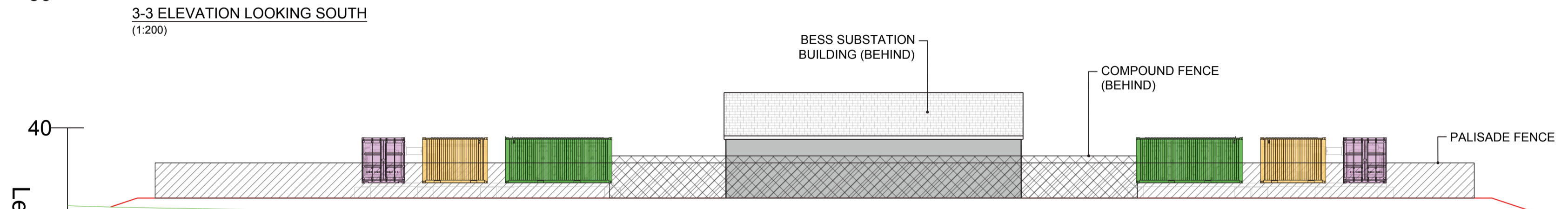
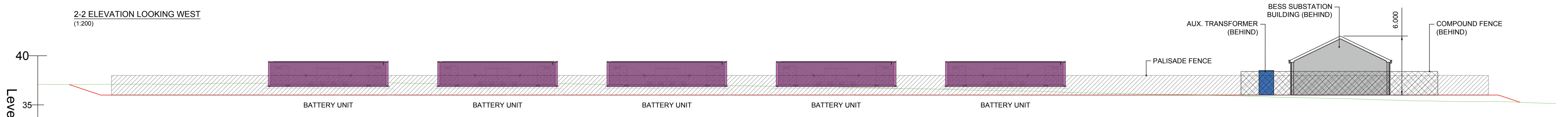
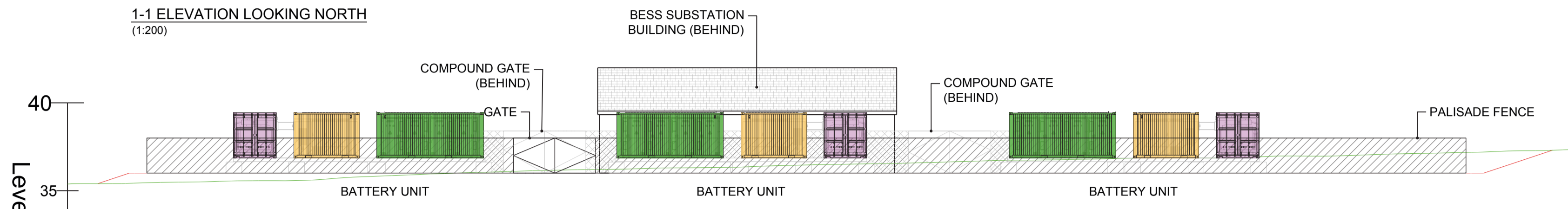
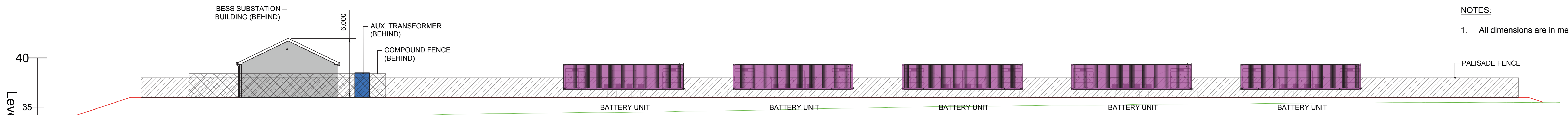



DETAIL PLAN  
(1:250)



CLIENT	Ridge Clean Energy Ltd Noah's Ark Market Street Charlbury Oxon OX7 3PL	
PROJECT	SIX OAKS RENEWABLE ENERGY PARK	
TITLE	Figure 7.9 - PROPOSED BESS AND SUBSTATION COMPOUND PLAN	
PAPER SIZE	DRAWN BY	DATE
A1	M STUART	25/08/22
SCALE	CHECKED	DATE
1:250	R. BARKER	25/08/22
DRG NUMBER:	SK001	

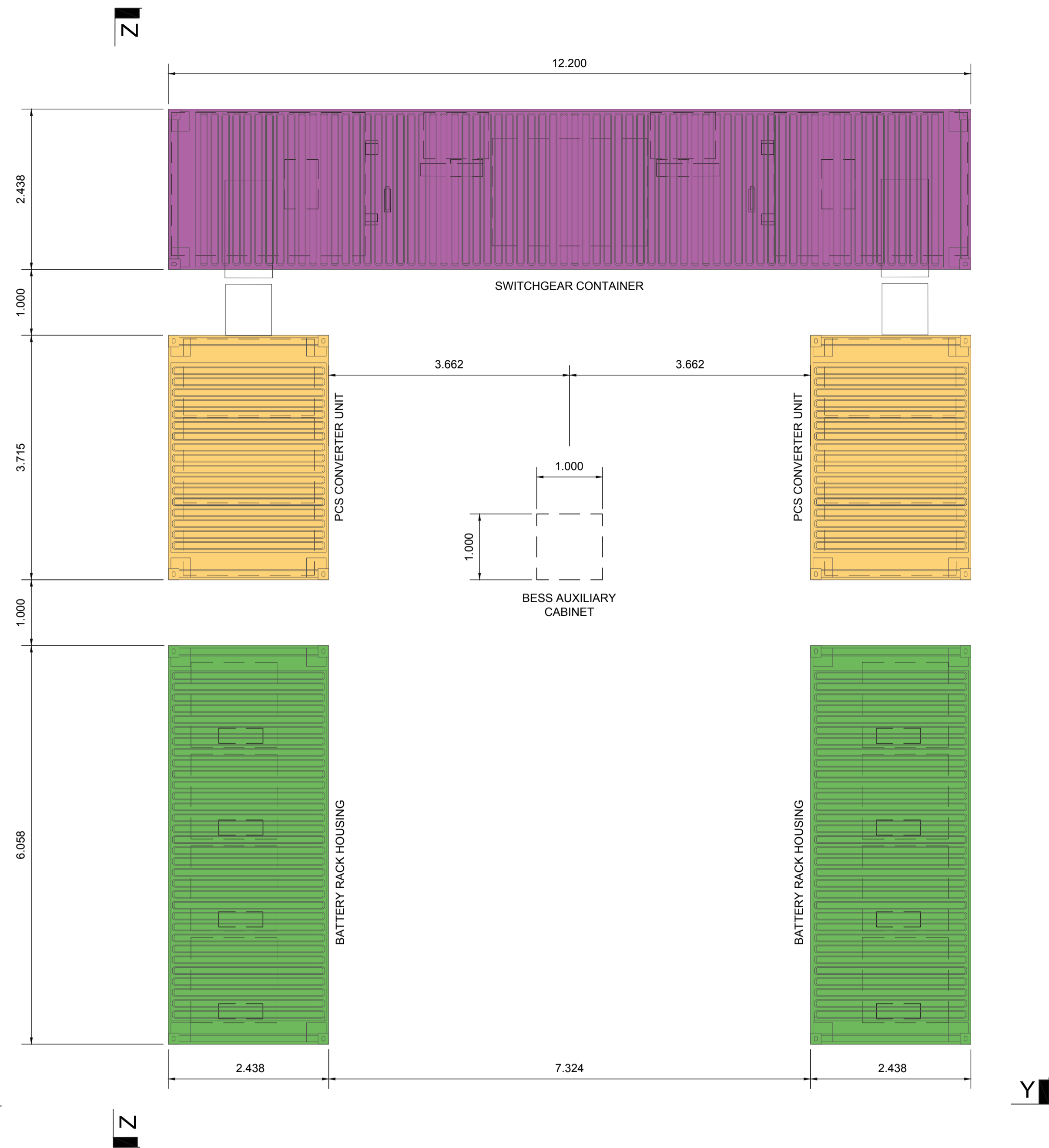
NOTES:  
1. All dimensions are in metres (m).



CLIENT		
 Ridge Clean Energy Ltd Noah's Ark Market Street Charlbury Oxon OX7 3PL		
PROJECT		
SIX OAKS RENEWABLE ENERGY PARK		
TITLE		
Figure 7.10 - Proposed BESS and Substation Compound Overall Elevations		
PAPER SIZE	DRAWN BY	DATE
A1	M STUART	25/08/22
SCALE	CHECKED	DATE
1:200, 1:500	R. BARKER	25/08/22
DRG NUMBER:		
SK003		

NOTES:

1. All dimensions are in metres (m).
2. Refer drg 001 for Plan layout.



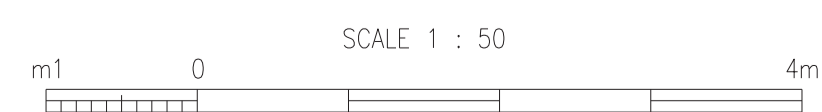
PLAN ON BATTERY UNIT ARRANGEMENT  
(1:50)




Z-Z: SECTION BATTERY UNIT ARRANGEMENT  
(1:50)



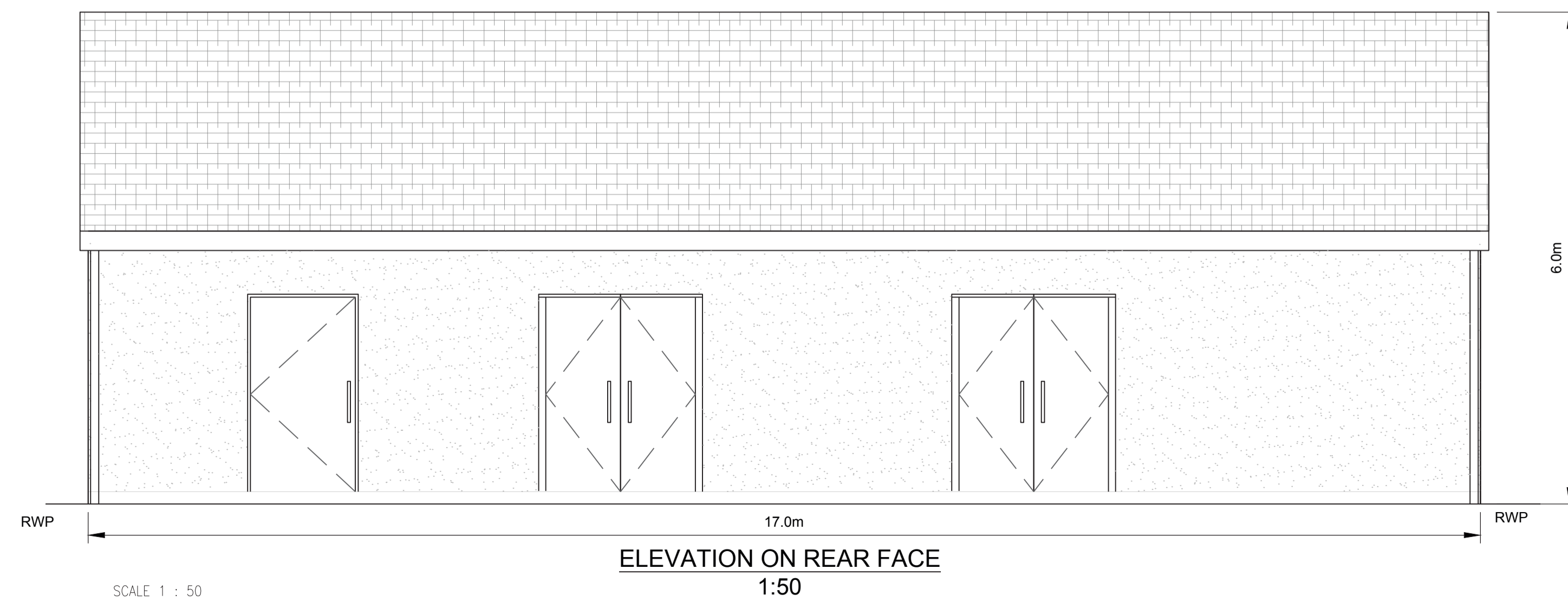
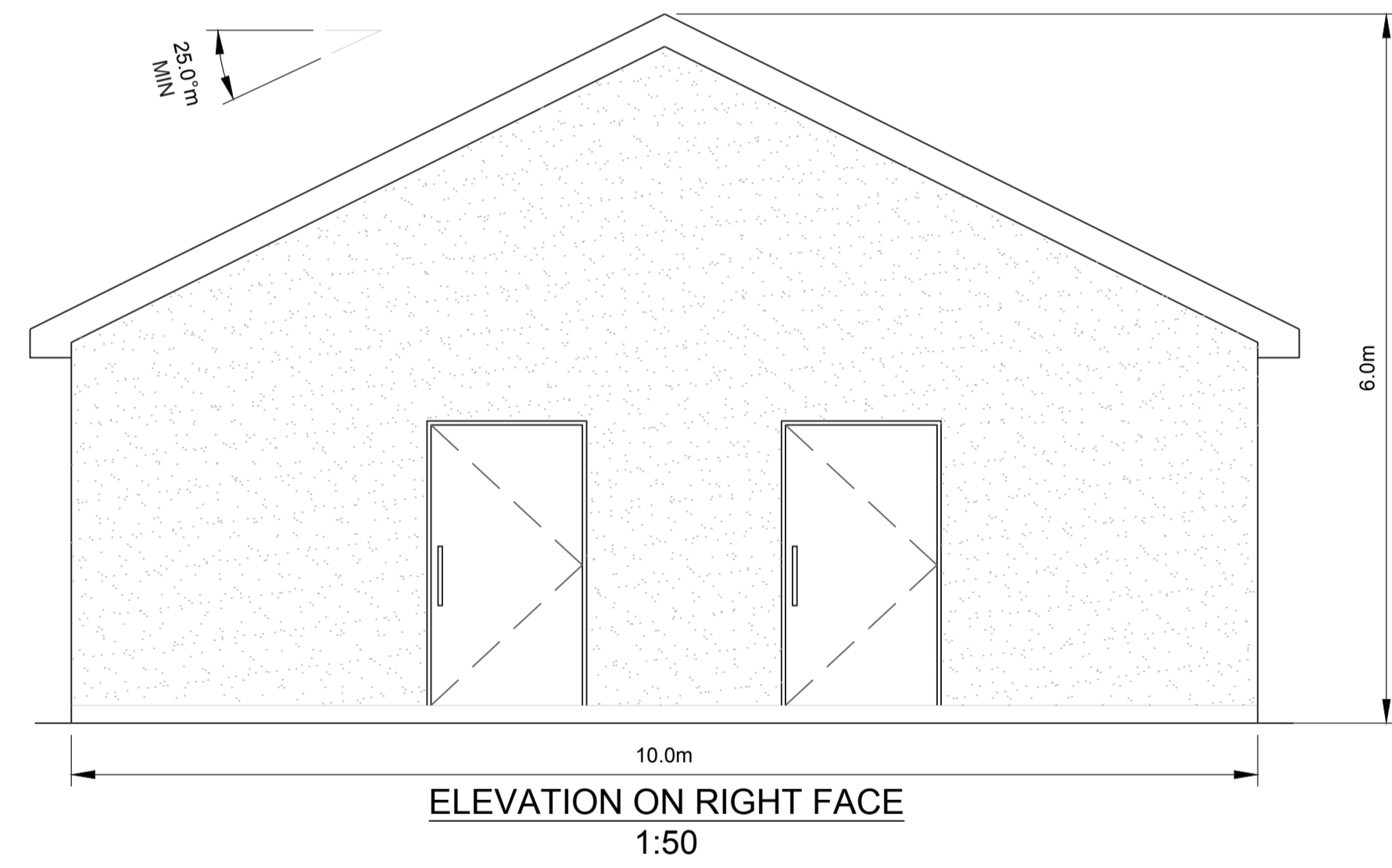
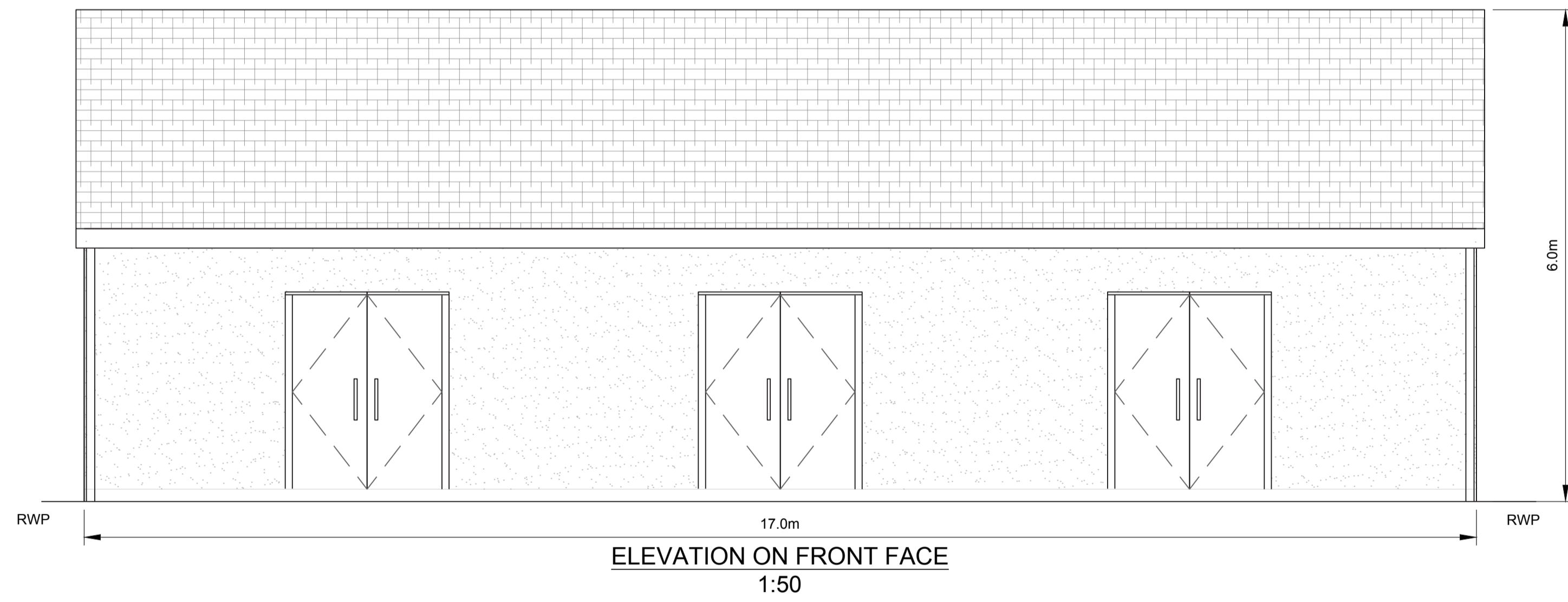
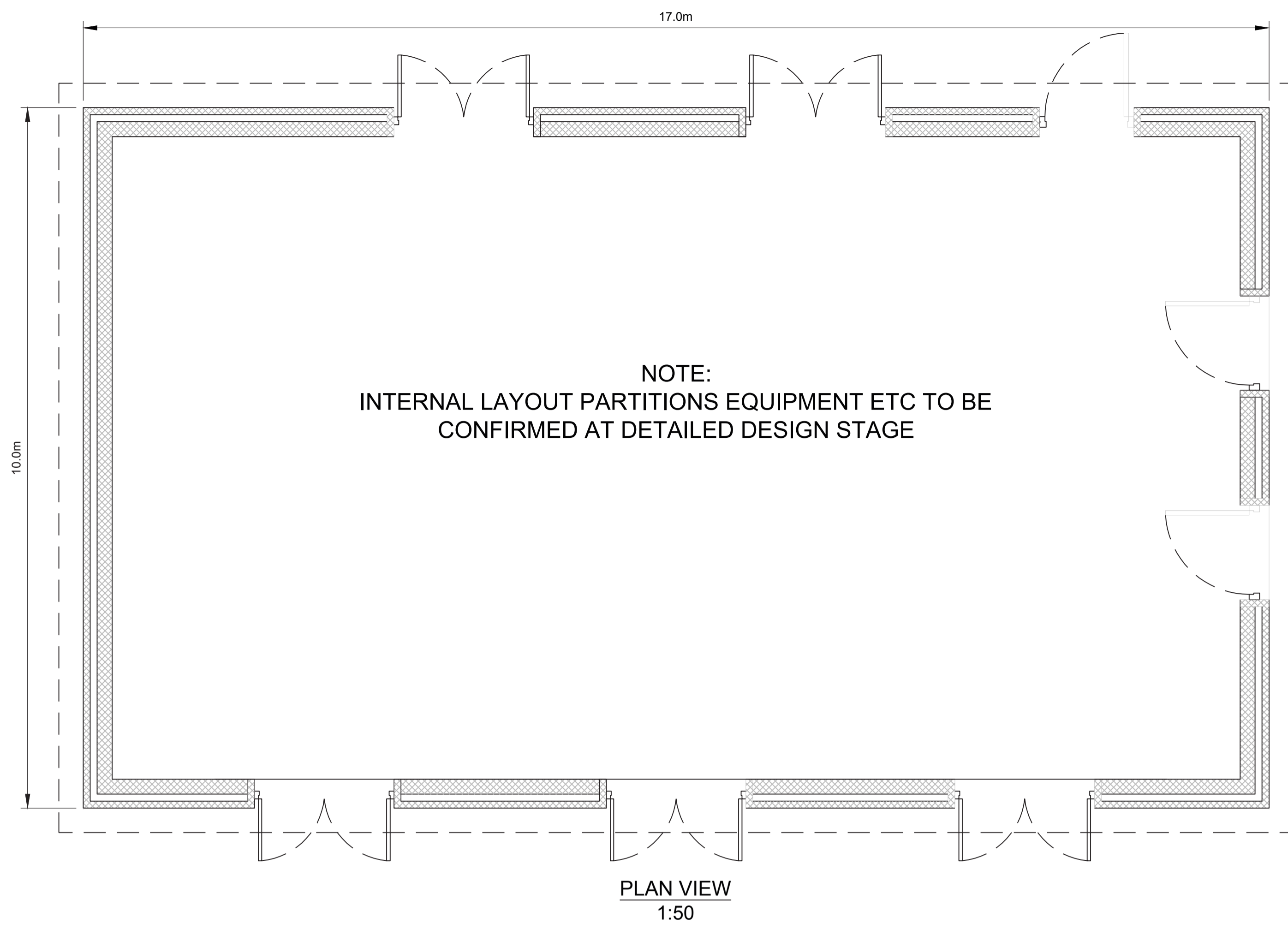
Y-Y: SECTION BATTERY UNIT ARRANGEMENT  
(1:50)



CLIENT		
 Ridge Clean Energy Ltd Noah's Ark Market Street Charlbury Oxon OX7 3PL		
PROJECT		
SIX OAKS RENEWABLE ENERGY PARK		
TITLE		
Figure 7.11 - PROPOSED BESS AND SUBSTATION COMPOUND UNIT DETAILS & ELEVATIONS		
PAPER SIZE	DRAWN BY	DATE
A1	M STUART	25/08/22
SCALE	CHECKED	DATE
1:50	R. BARKER	25/08/22
DRG NUMBER:		
SK003		

**NOTES:**

1. All dimensions are in metres (m).
2. For planning purposes only, subject to final detailed design.
3. All external finishes and materials to be agreed with planning dept.



CLIENT		
Ridge Clean Energy Ltd Noah's Ark Market Street Charlbury Oxon OX7 3PL		
PROJECT		
SIX OAKS RENEWABLE ENERGY PARK		
TITLE		
Figure 7.12 - PROPOSED SUBSTATION DETAILS		
PAPER SIZE	DRAWN BY	DATE
A1	M STUART	20/10/22
SCALE	CHECKED	DATE
1:50	R. BARKER	20/10/22
DRG NUMBER:		
SK010		

# SIX OAKS RENEWABLE ENERGY PARK

## Typical Palisade Fence Detail

### Figure 7.13

#### NOTES

1. All measurements in metres

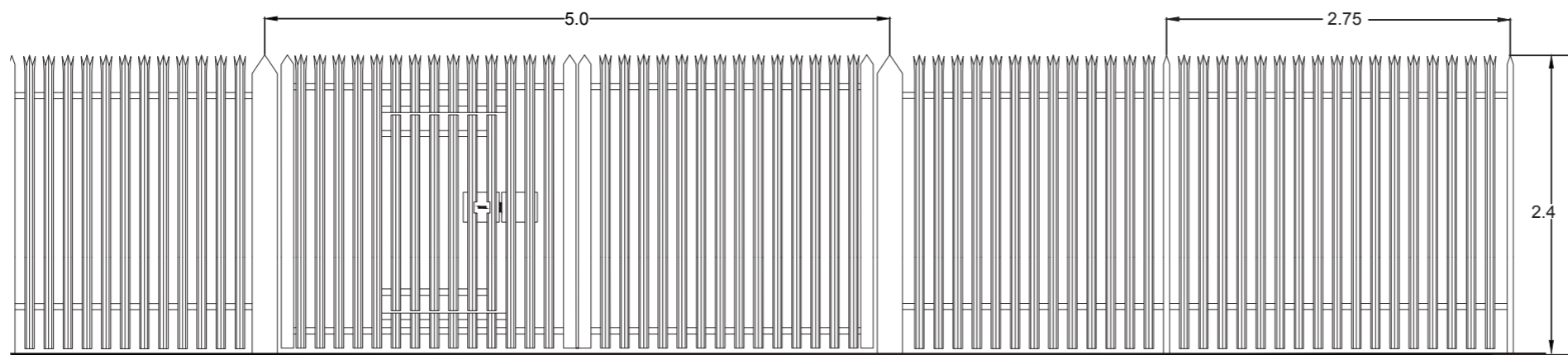
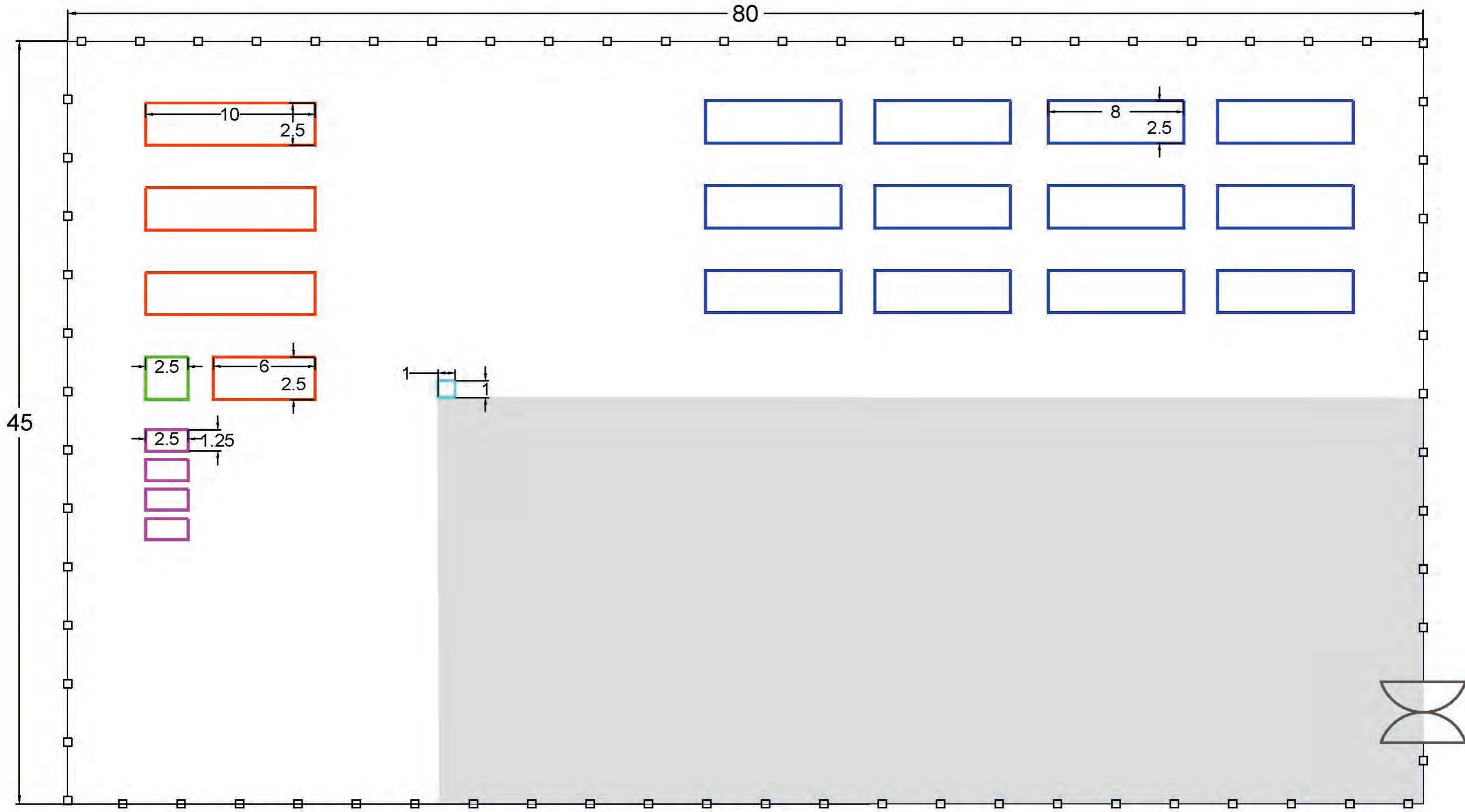


Figure 7.14 - Typical Temporary Construction Compound Layout



Scale 1:200 @ A3  
 5 10  
 m

All measurements are in metres.

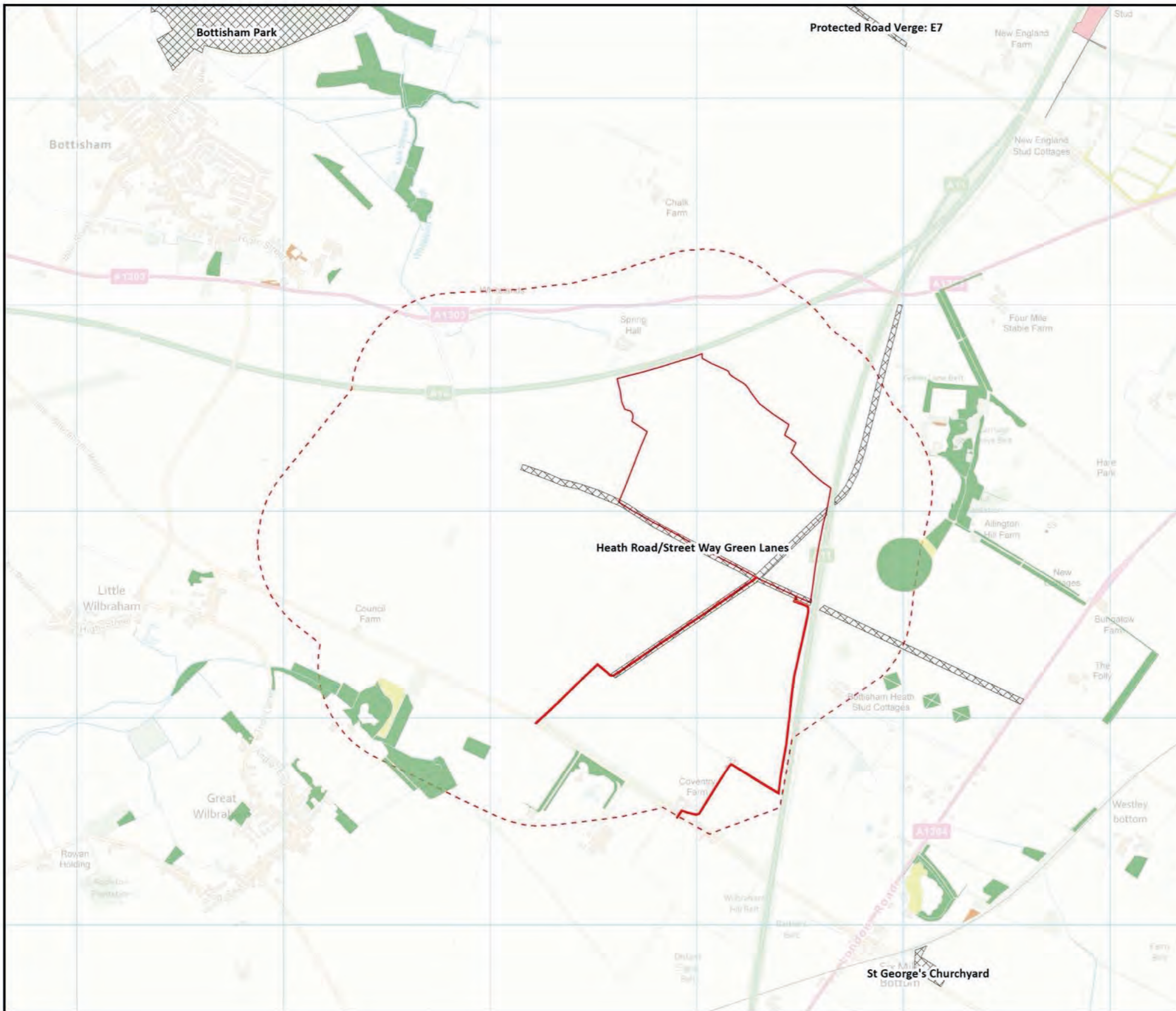
**Legend**

- Storage Areas
- Contractor's Portacabin (Toilet/ Cantine/Office)
- COSHH
- Waste (Metal/Cable/Plastic/Wood)
- Assembly Point
- Parking Area
- Compound Fence
- Gate

**Six Oaks Renewable Energy Park: Ecological Assessment**

**Figure 9.1**

**Survey Area, County Wildlife Sites and Priority Habitats**



**KEY:**

- Ecology survey area
- Six Oaks Site Boundary
- County Wildlife Sites

**Priority Habitat:**

- Deciduous woodland
- Lowland calcareous grassland
- Additional habitats present
- Traditional orchard



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LAYOUT DATE	N/A	LAYOUT NO.	N/A
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DRAWING NUMBER	n/a
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**SCALE - 1:17,500 @ A3**

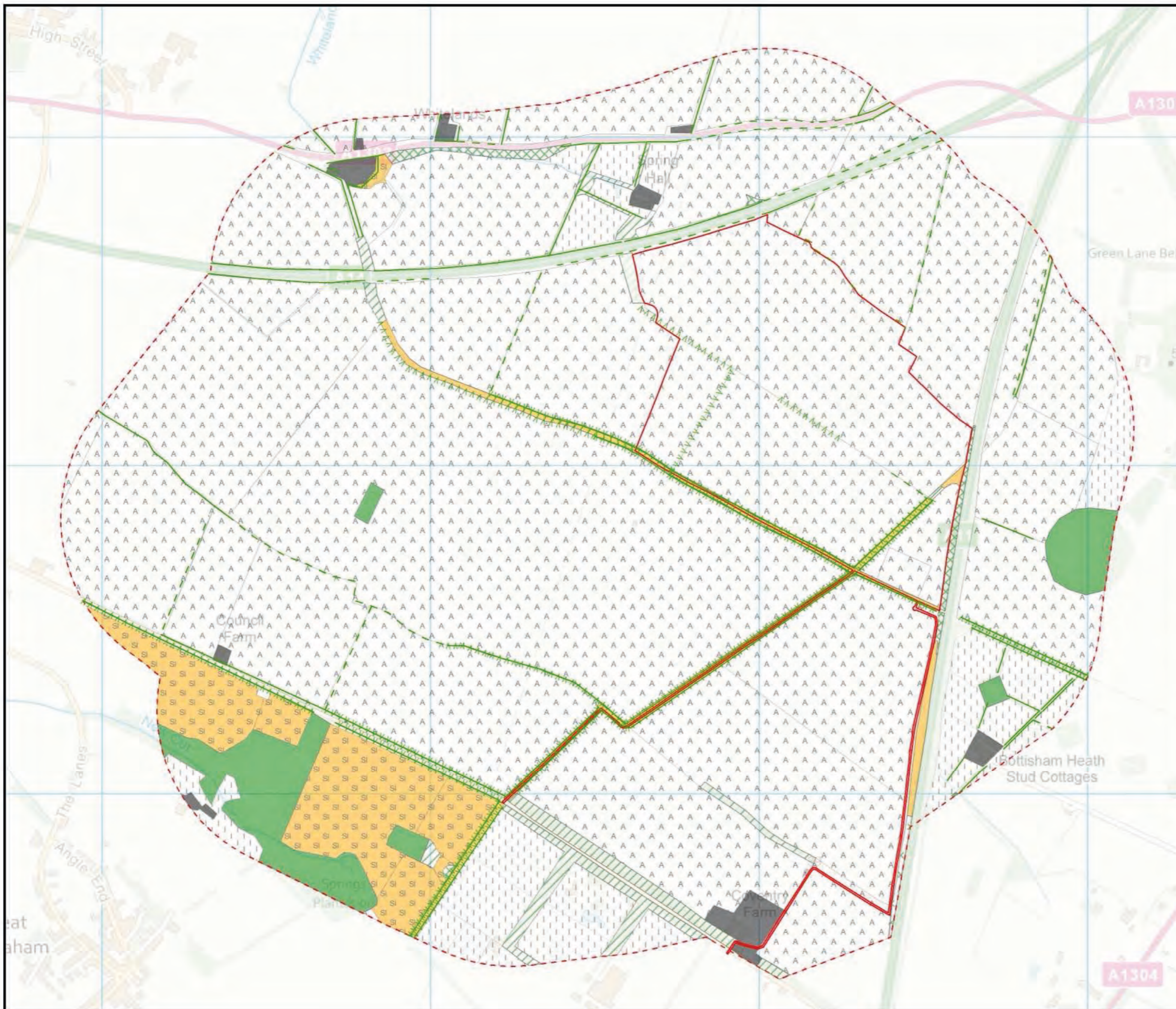
**ECOLOGY SURVEYS AND ASSESSMENT**

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**Six Oaks Renewable Energy Park: Ecological Assessment**

**Figure 9.2**

**Phase 1 Habitat Map**



**KEY:**

	Six Oaks Site Boundary
	Ecology survey area
<b>Habitat</b>	
	A1.1.1 - Broadleaved woodland - semi-natural
	A1.1.2 - Broadleaved woodland - plantation
	A1.2.2 - Coniferous woodland - plantation
	A1.3.2 - Mixed woodland - plantation
	A2.1 - Scrub - dense/continuous
	A2.2 - Scrub - scattered
	B2.1 - Neutral grassland - unimproved
	B2.2 - Neutral grassland - semi-improved
	B4 - Improved grassland
	J1.1 - Cultivated/disturbed land - arable
	J3.6 - Buildings
<b>Hedgerow</b>	
	J2.1.1 - Species-rich hedge intact
	J2.1.2 - Species-poor hedge intact
	J2.2.1 - Species-rich hedge defunct
	J2.2.2 - Species-poor hedge defunct

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DRAWING NUMBER	n/a		

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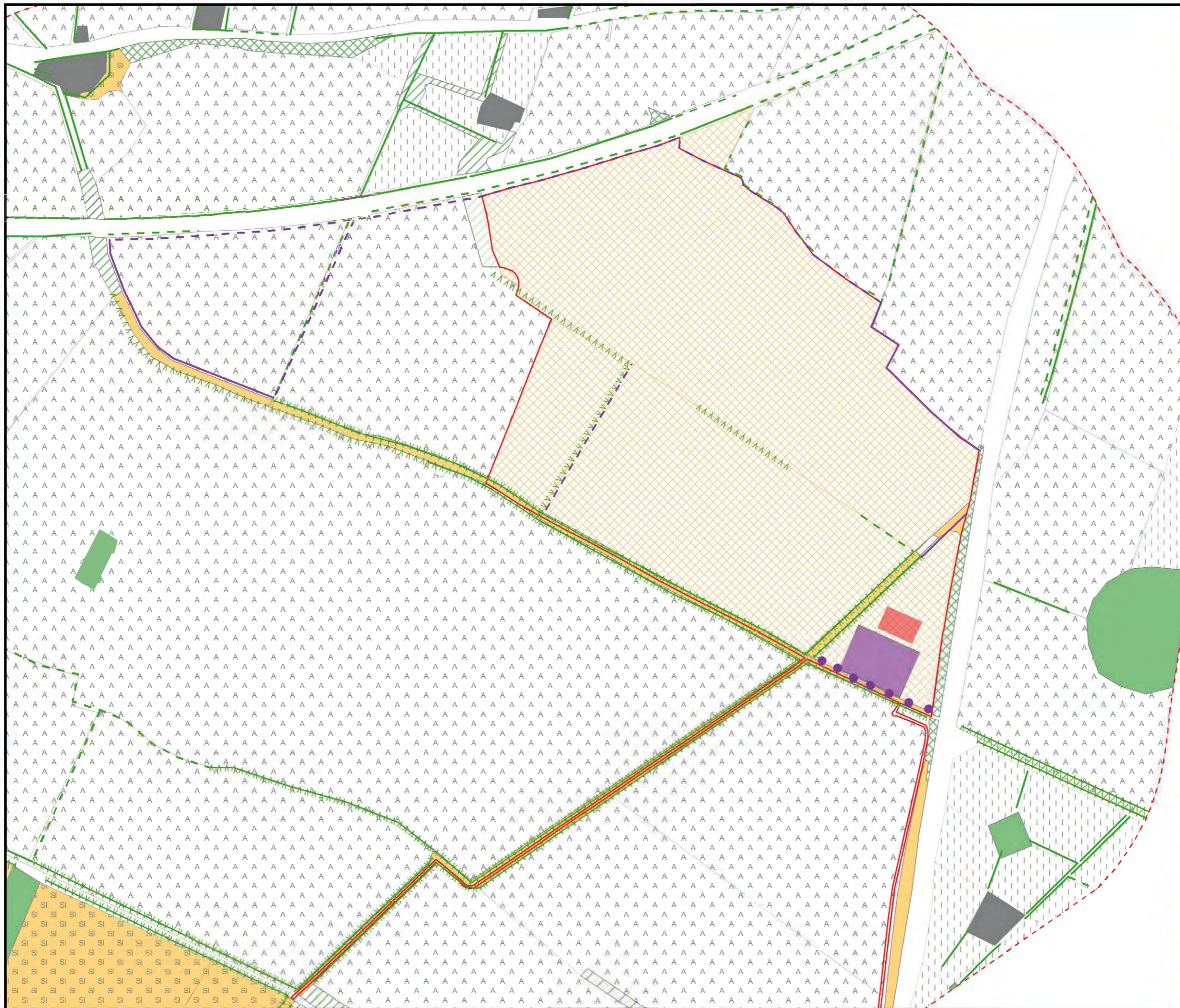
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**Six Oaks Renewable Energy Park: Ecological Assessment**

**FIGURE 9.3**

**Outline Landscape and Biodiversity Mitigation and Enhancement Plan**



**KEY:**

- Ecology survey area
- Six Oaks Site Boundary
- Construction Compund
- Battery Storage Compund
- Habitat**
- NEW Neutral grassland
- A1.1.1- Broadleaved woodland - semi-natural
- A1.1.2- Broadleaved woodland - plantation
- A1.2.2- Coniferous woodland - plantation
- A1.3.2- Mixed woodland - plantation
- A2.1 - Scrub - dense/continuous
- B2.1 - Neutral grassland - unimproved
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- Arable
- Buildings
- Hedgerow**
- J2.1.1 -Species-rich hedge intact
- J2.1.2 - Existing species-poor intact
- J2.2.1 -Species-rich hedge defunct
- J2.2.2 - Existing species-poor defunct
- Hedgerow restoration
- New hedgerow
- New line of rowan trees



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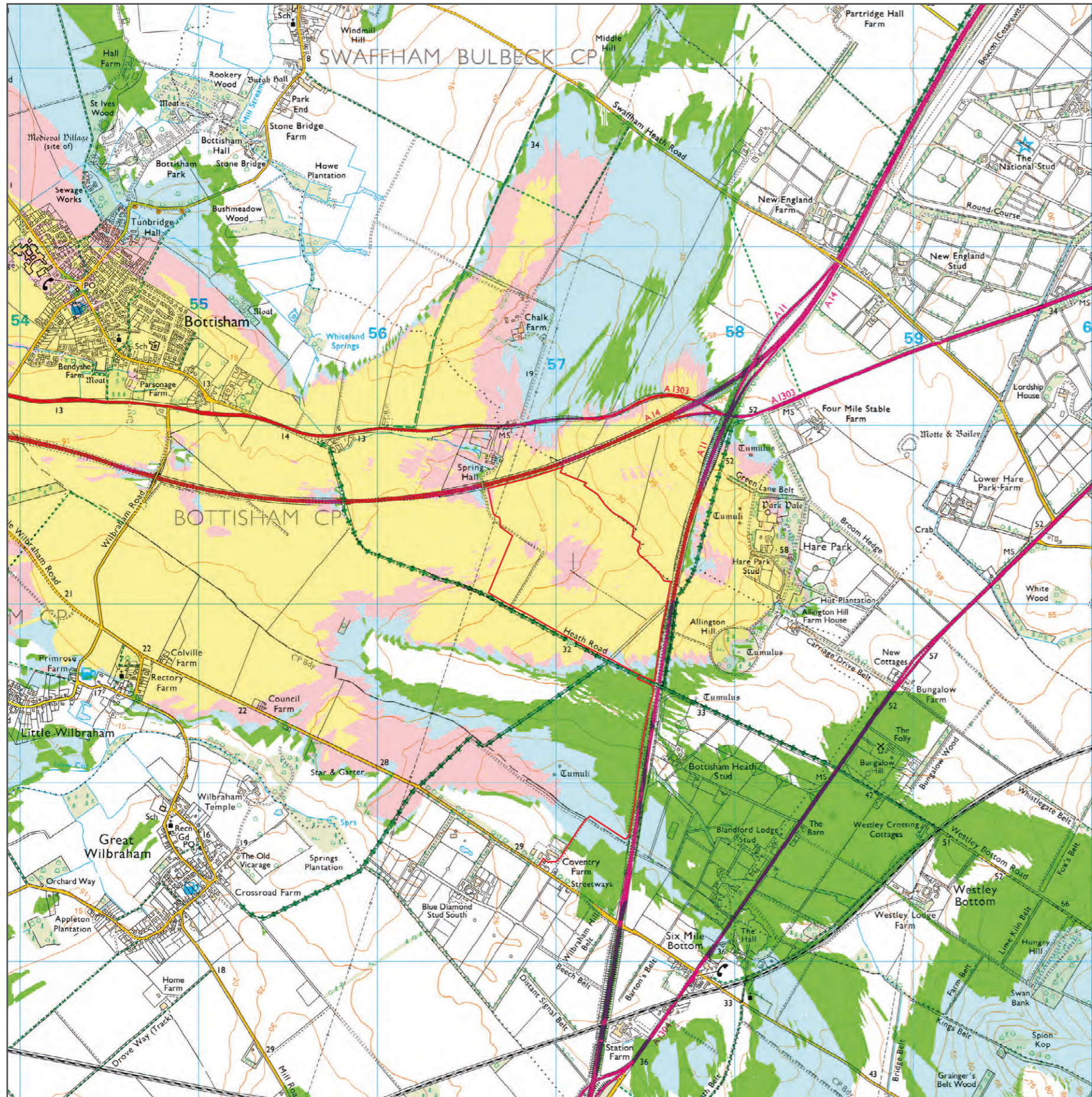
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DRAWING NUMBER:  
n/a

**SCALE - 1:7,500 @ A3**

**BIODIVERSITY MANAGEMENT PLAN**

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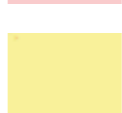


# SIX OAKS RENEWABLE ENERGY PARK

Bare Earth Zone of Theoretical Visibility

Figure 10.1

KEY

-  North
-  Site Boundary
-  Theoretical Visibility of 1 to 3 locational markers
-  Theoretical Visibility of 4 to 6 locational markers
-  Theoretical Visibility of 7 to 9 locational markers
-  Theoretical Visibility of 10 to 12 locational markers

NOTES

The analysis was undertaken on a bare earth basis and does not take into account the screening effects of vegetation, buildings or other surface features.

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