



# Stonestreet Green Solar

## Illustrative Project Drawings - Not for Approval

PINS Ref: EN010135

Doc Ref. 2.6(A)

Version 2

Deadline 1

December 2024

APFP Regulation 5(2)(o)

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



## 2.6(A) Illustrative Project Drawings – Not for Approval

Drawing Number	Revision	Drawing Title	Reason for Revision	Scale
142-01-01	01	Site Location Plan	No change made	1:7,500 @ A1
142-02-01	02	Illustrative Layout Plan - Key Plan	Updated revision no. and date.	1:7,500 @ A1
142-02-01-pg1	02	Illustrative Layout Plan Sheet 1 of 5	Change to access tracks to align with Illustrative Landscape Drawings – Not for Approval	1:2,000 @ A1
142-02-01-pg2	02	Illustrative Layout Plan Sheet 2 of 5	Change to access tracks to align with Illustrative Landscape Drawings – Not for Approval	1:2,000 @ A1
142-02-01-pg3	02	Illustrative Layout Plan Sheet 3 of 5	Change to access tracks to align with Illustrative Landscape Drawings – Not for Approval	1:2,000 @ A1
142-02-01-pg4	02	Illustrative Layout Plan Sheet 4 of 5	Change to access tracks to align with Illustrative Landscape Drawings – Not for Approval	1:2,000 @ A1
142-02-01-pg5	02	Illustrative Layout Plan Sheet 5 of 5	Change to access tracks to align with Illustrative Landscape Drawings – Not for Approval	1:2,000 @ A1
142-02-17A	01	Indicative Framing Detail (4 No. Landscape PV Panel Format)	No change made	1:100 @A3
142-02-17E	01	Indicative Framing Detail (Ballast Mounting PV Panel Format)	No change made	1:100 @A3
142-02-13-A	01	Illustrative Fencing Detail Post and Wire	No change made	At scale indicated
142-02-13-B	01	Illustrative Acoustic Barrier Detail	No change made	1:50 @ A3
142-02-11	01	Illustrative CCTV Specifications	No change made	1:25 @ A3
CIV_008	01	Inverter Station Illustrative General Arrangement	No change made	1:100 @ A1
CIV_009	01	Inverter Station Illustrative Details	No change made	At scale indicated
142-02-20	01	Illustrative Battery Energy Storage System Detail	No change made	1:75 @ A3

## 2.6(A) Illustrative Project Drawings – Not for Approval

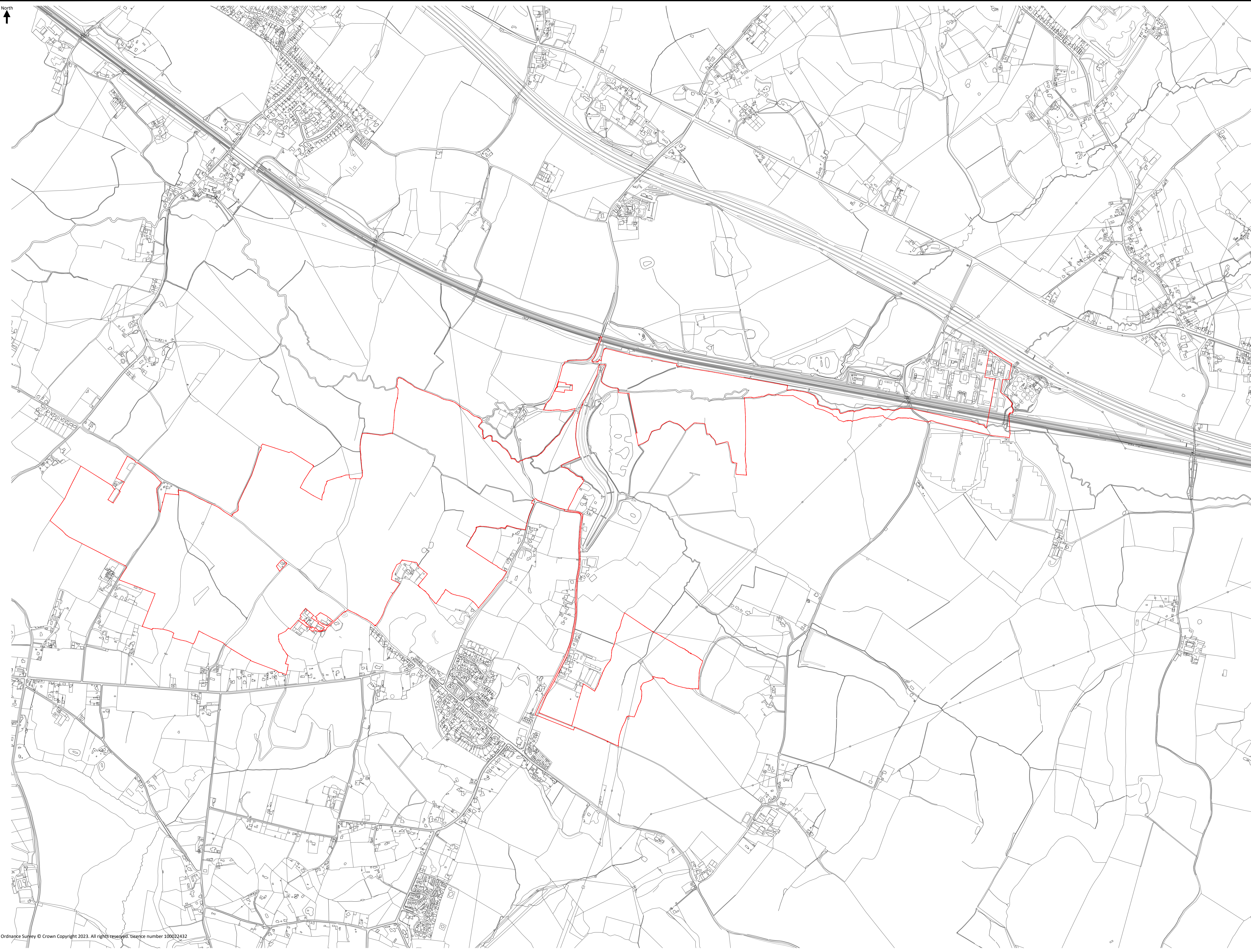
Drawing Number	Revision	Drawing Title	Reason for Revision	Scale
142-02-15-A	01	Illustrative Containerised Inverter Station Detail	No change made	1:50 @ A3
142-02-15-B	01	Illustrative Inverter Station Individual Detail	No change made	1:50 @ A3
CIV_002	01	132kV Project Substation Layout Illustrative General Arrangement	No change made	1:250 @ A1
142-02-11-A	01	Illustrative 132kV Project Substation Sections	No change made	At scale indicated
CIV_005	01	Illustrative 132kV Project Substation Retaining Walls Sections	No change made	1:250 @ A1
CIV_006	01	Illustrative 132kV Project Substation Retaining Walls Elevations	No change made	1:250 @ A1
CIV_007	01	Illustrative 132kV Project Substation Retaining Walls Details	No change made	At scale indicated
142-02-14	01	Illustrative Intermediate Substation Layout	No change made	1:50 @ A3
142-01-48-E-02	01	Illustrative Sellindge Substation Plan	No change made	1:7,500 @ A1
142-02-18	01	Illustrative Cable Trench Detail Plan	No change made	At scale indicated



Notes:

Postcode: TN25 7HP W3W: paints.embodied.warp

Key:  
Order limits

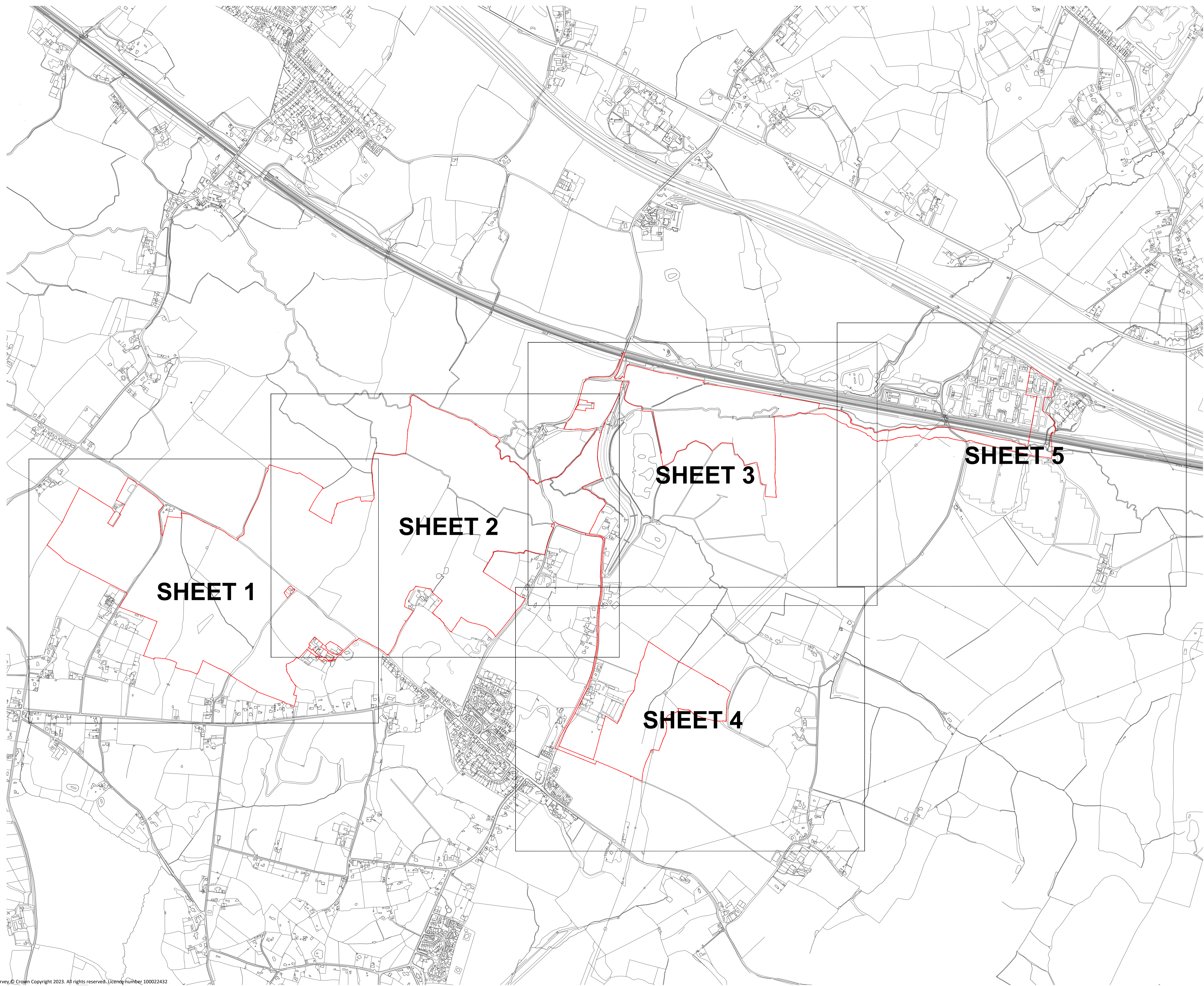


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**Project Name:**  
Stonestreet Green Solar  
**Drawing Title:**  
Site Location Plan

**Document Reference #:**  
142-01-01

Scale: 1:7,500@A1 APPF Reg. 5(2)(a)  
Produced: RC Checked: Quod Date: June 2024 Version: 01



**SHEET 1**

**SHEET 2**

**SHEET 3**

**SHEET 5**

**SHEET 4**



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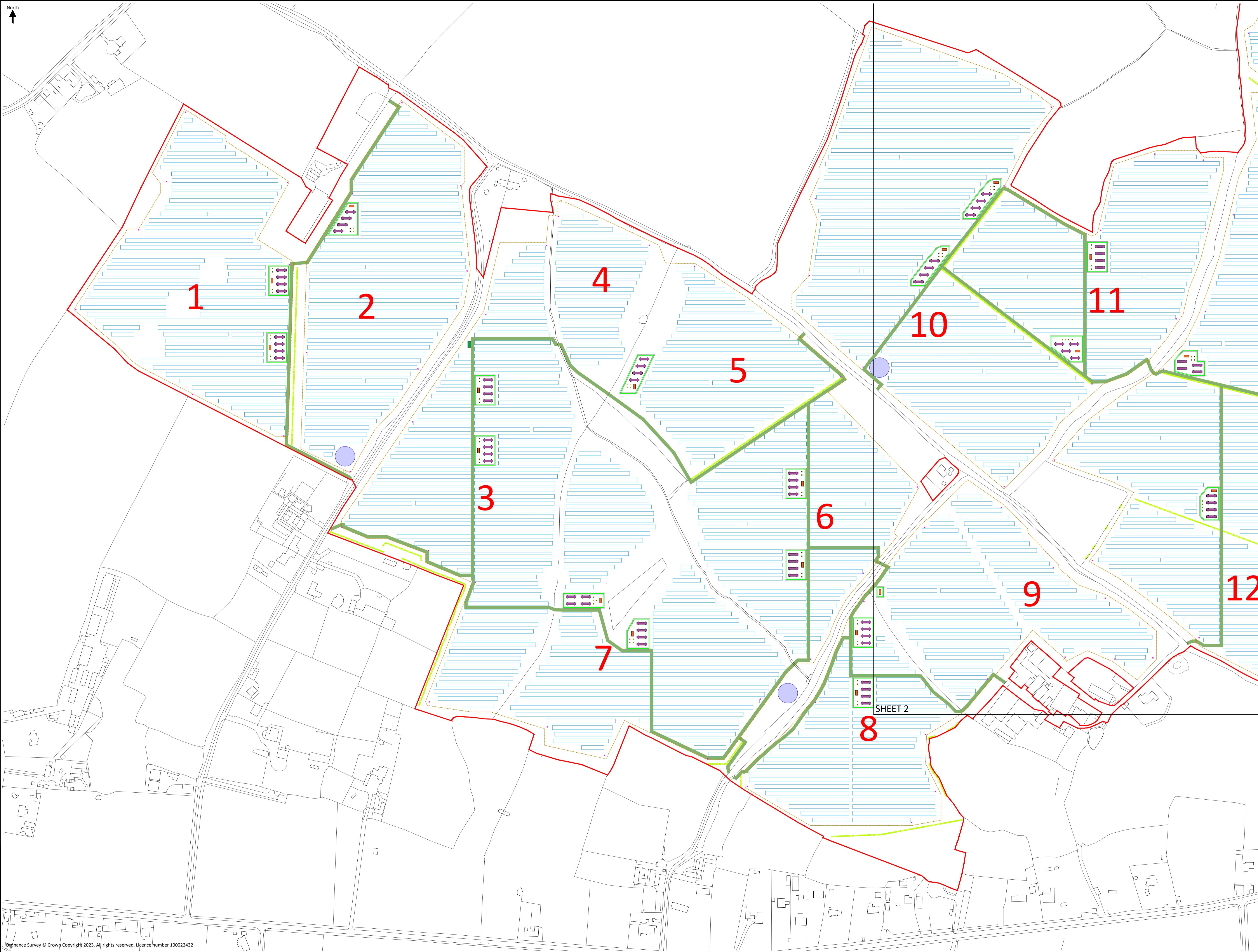
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Stonestreet Green Solar

**Drawing Title:**  
Illustrative Layout Plan  
Key Plan

**Drawing Number:**  
142-02-01

Scale: 1:7,500@A1 APFP Reg. 5(2)(a)  
Produced: RC Checked: Quod Date: November 2024 Version: 02

- Key:
- Order limits
  - ▭ PV Panels
  - ▭ Inverter
  - ▭ DC-DC Converter
  - ▭ Battery Container
  - ▭ Intermediate Substations
  - ▭ CCTV Camera
  - ▭ New Hedge
  - ▭ Security Fence
  - ▭ Access Gate
  - ▭ Permanent access track for operations
  - Water Tanks
  - ▭ Acoustic Barriers
  - 1-29 Field Number



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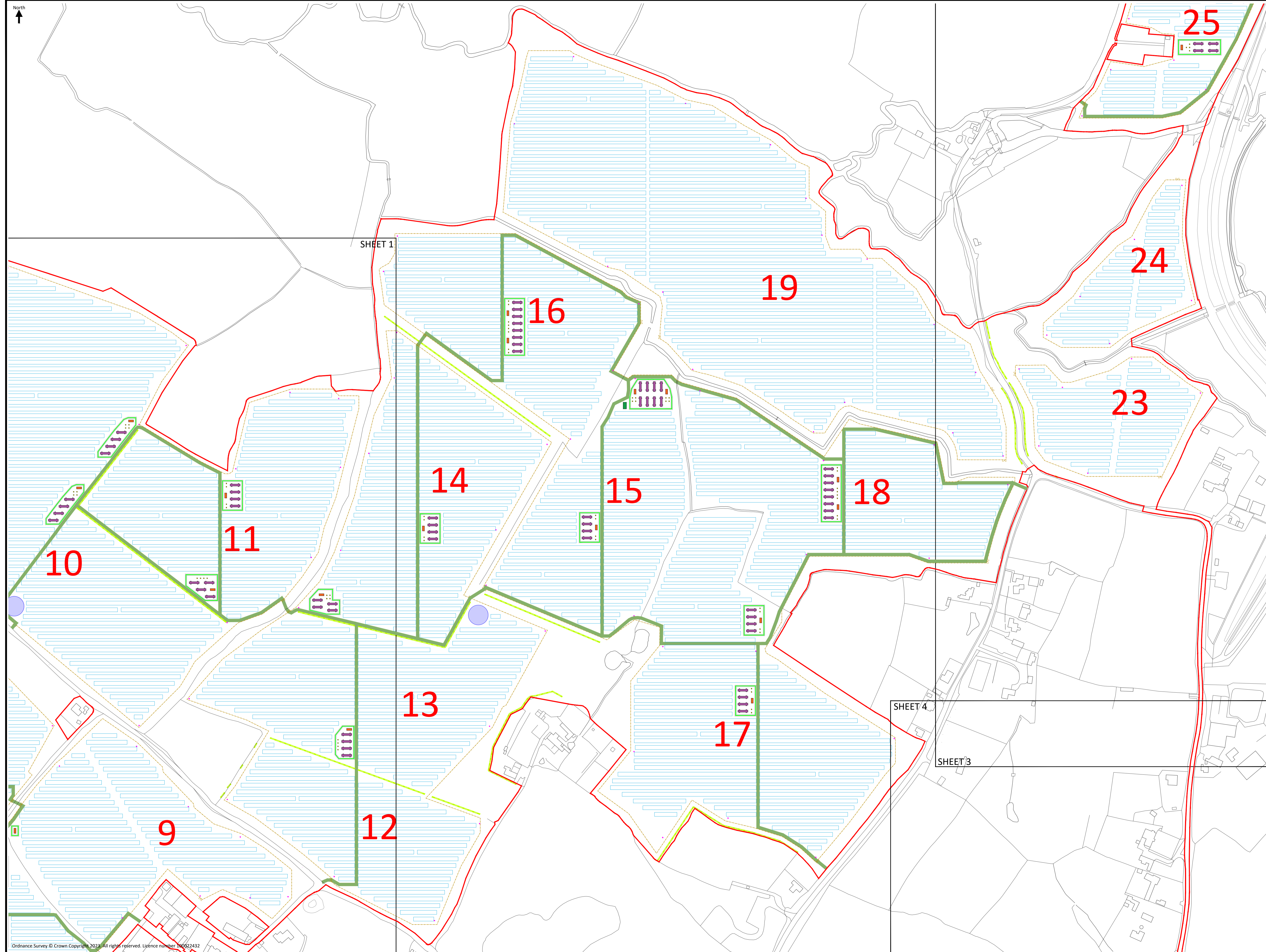
Project Name:  
**Stonestreet Green Solar**

Drawing Title:  
**Illustrative Layout Plan  
 Sheet 1 of 5**

Drawing Number:  
**142-02-01-pg1**

Scale: 1:2,000@A1 APFP Reg. 5(2)(a)  
 Produced: RC Checked: Quod Date: November 2024 Version: 02

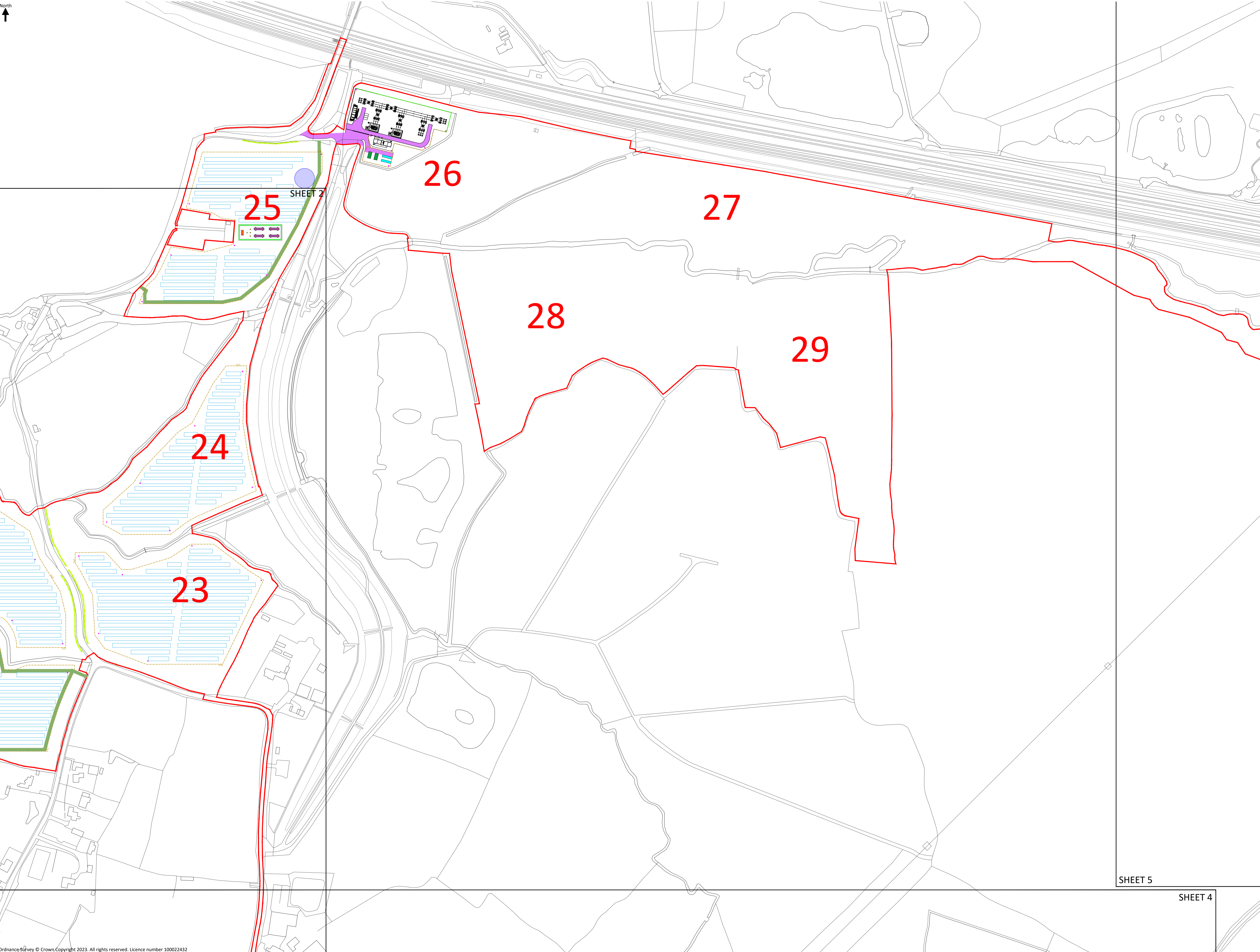
- Key:
- Order limits
  - PV Panels
  - Inverter
  - DC-DC Converter
  - Battery Container
  - Intermediate Substations
  - CCTV Camera
  - New Hedge
  - Security Fence
  - Access Gate
  - Permanent access track for operations
  - Water Tanks
  - Acoustic Barriers
  - 1-29 Field Number



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Project Name:  
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 Drawing Title:  
 Illustrative Layout Plan  
 Sheet 2 of 5  
 Drawing Number:  
 142-02-01-pg2  
 Scale: 1:2,000@A1 APFP Reg. 5(2)(a)  
 Produced: RC Checked: Quod Date: November 2024 Version: 02

- Key:
- Order limits
  - ▭ PV Panels
  - ▭ Inverter
  - ▭ DC-DC Converter
  - ▭ Battery Container
  - ▭ Spares/ Storage Container
  - ▭ Intermediate Substations
  - ▭ CCTV Camera
  - ▭ New Hedge
  - ▭ Security Fence
  - ▭ Access Gate
  - ▭ Permanent access track for substation
  - ▭ Permanent access track for operations
  - Water Tanks
  - ▭ Acoustic Barriers
  - 1-29 Field Number



SHEET 5

SHEET 4



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Project Name:  
**Stonestreet Green Solar**

Drawing Title:  
 Illustrative Layout Plan  
 Sheet 3 of 5

Drawing Number:  
**142-02-01-pg3**

Scale: 1:2,000@A1 APFP Reg. 5(2)(a)

Produced: RC Checked: RC Date: November 2024 Version: 02



- Key:
- Order limits
  - ▭ PV Panels
  - ▭ Inverter
  - ▭ Intermediate Substations
  - ▭ CCTV Camera
  - ▭ New Hedge
  - ▭ Security Fence
  - ▭ Access Gate
  - ▭ Acoustic Barriers
  - 1-29 Field Number

North

SHEET 3

SHEET 2

21

22

20



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Project Name:  
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Drawing Title:  
Illustrative Layout Plan  
Sheet 4 of 5

Drawing Number:  
142-02-01-pg4

Scale: 1:2,000@A1 APFP Reg. 5(2)(a)  
Produced: RC Checked: Quod Date: November 2024 Version: 02

For information purposes only.  
Not for construction.

0m 25m 50m 75m 100m

Postcode: TN25 7HP W3W: paints.embodied.warp

Key:  
Order limits

SHEET 3



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Project Name:  
Stonestreet Green Solar

Drawing Title:  
Illustrative Layout Plan  
Sheet 5 of 5

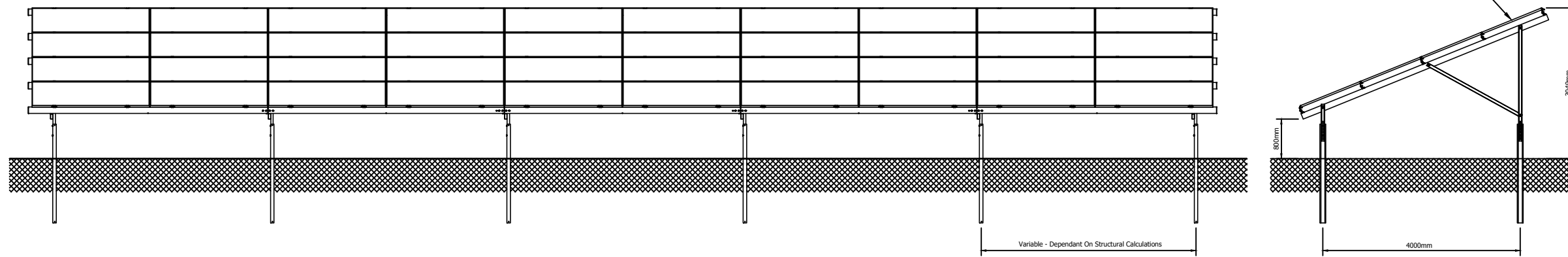
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Scale: 1:2,000@A1 APPP Reg. 5(2)(a)

Produced: RC Checked: Quod Date: November 2024 Version: 02

North

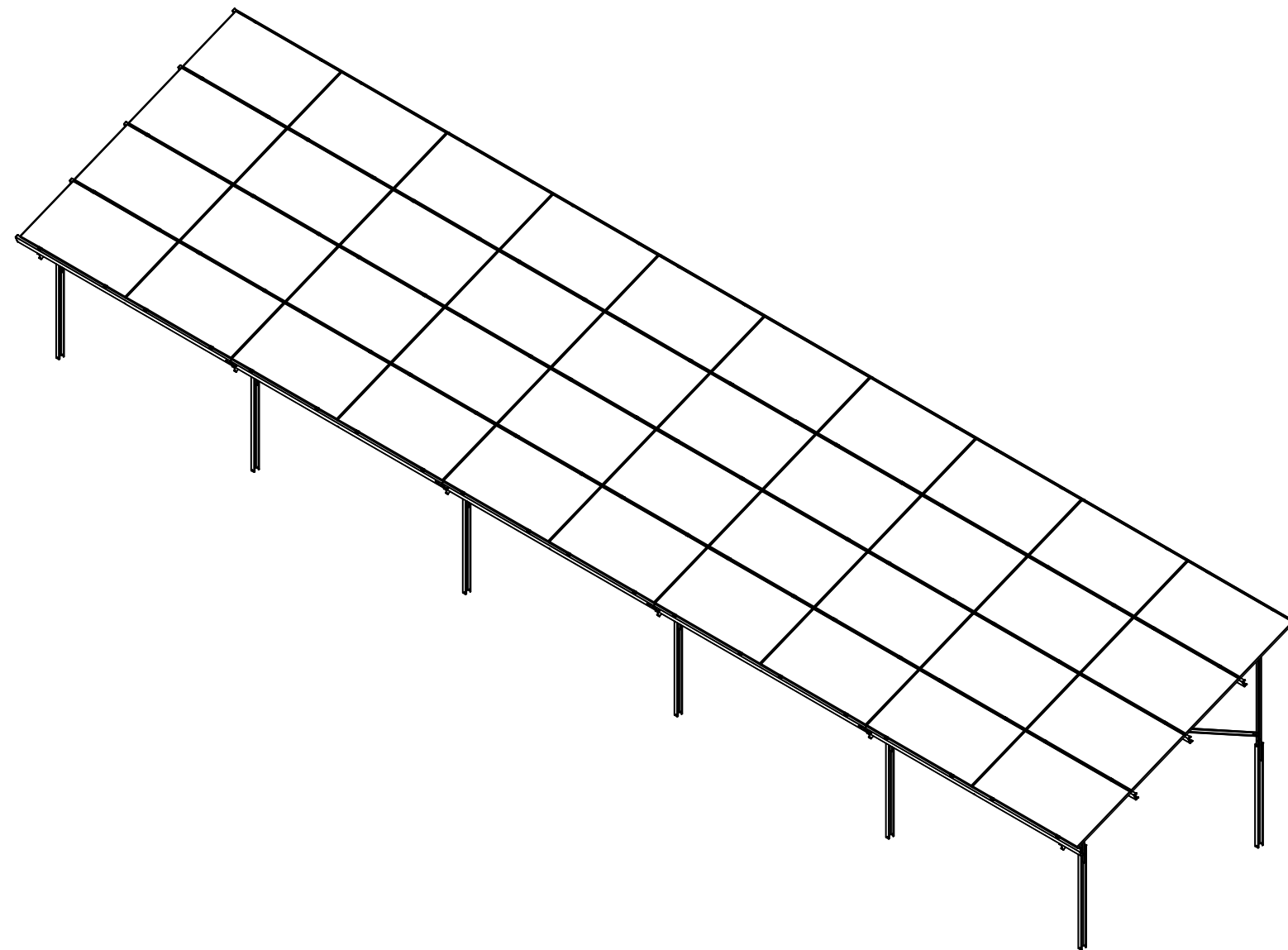
### Framing System - Front & Side Elevations - 1:100@A3



### Indicative Photos of Solar Framing



### Framing System - Isometric View - 1:100@A3



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Project Name:  
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Drawing Title:  
Illustrative Framing  
Detail (4 No. Landscape  
PV Panel Format)

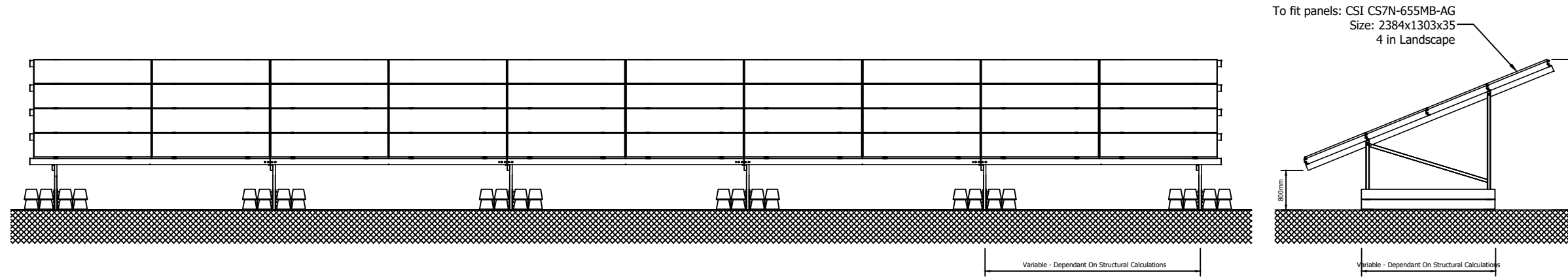
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Scale: 1:100@A3 APFP Reg. 5(2)(o)

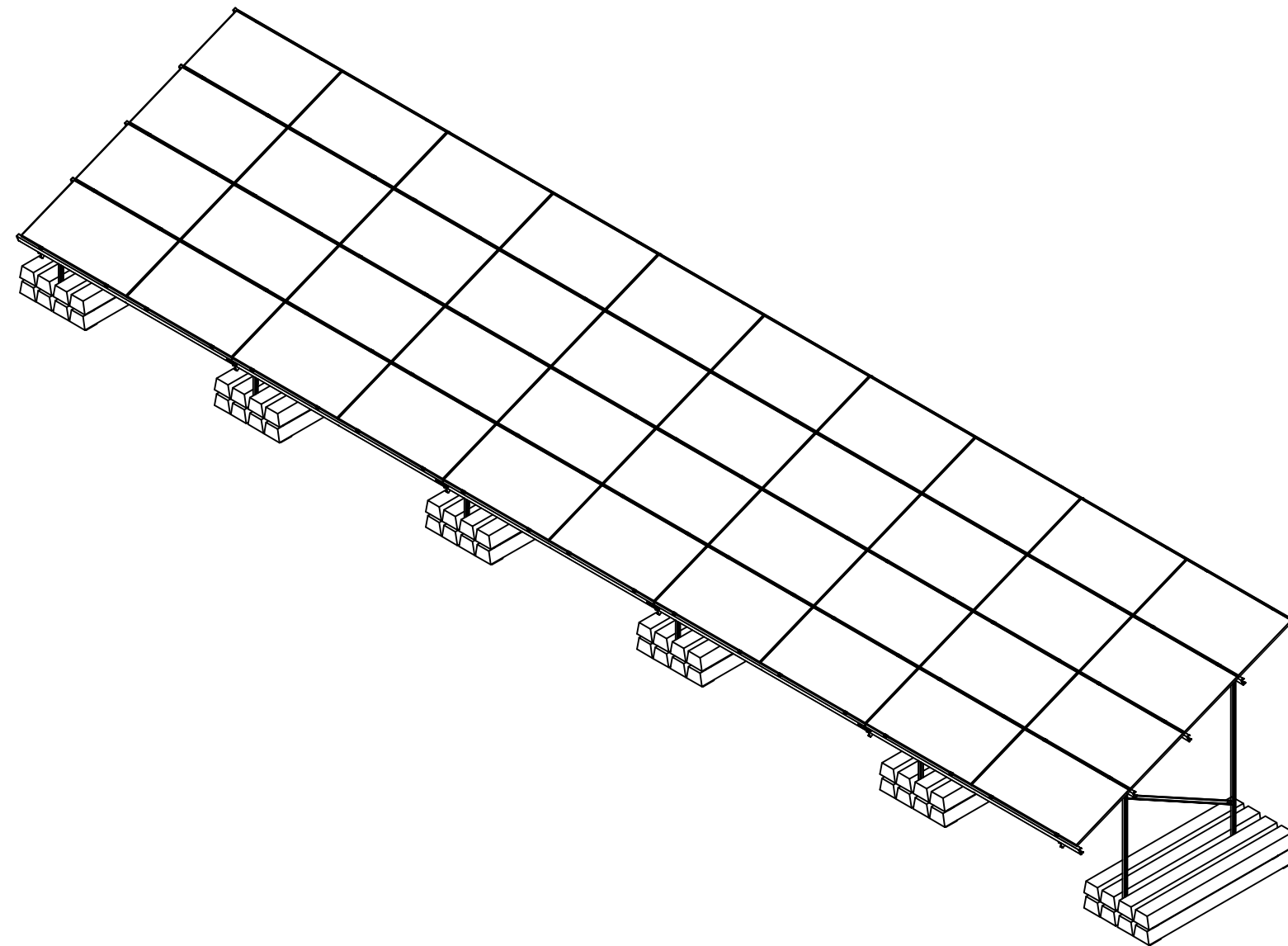
Produced:	Checked:	Date:	Version:
RC	Quod	June 2024	01

Notes:

Framing System - Front & Side Elevations - 1:100@A3



Framing System - Isometric View - 1:100@A3



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Project Name:  
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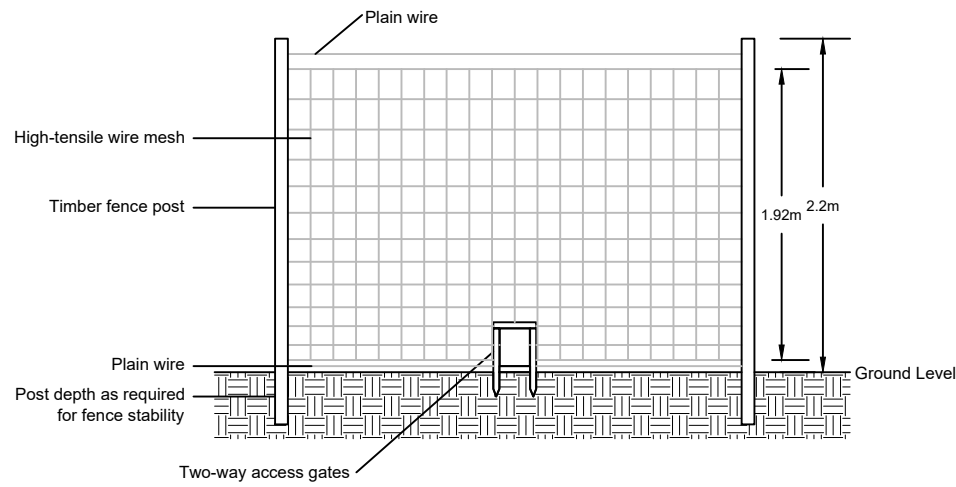
Drawing Title:  
Illustrative Framing  
Detail (Ballast Mounting  
PV Panel Format)

Drawing Number:  
142-02-17E

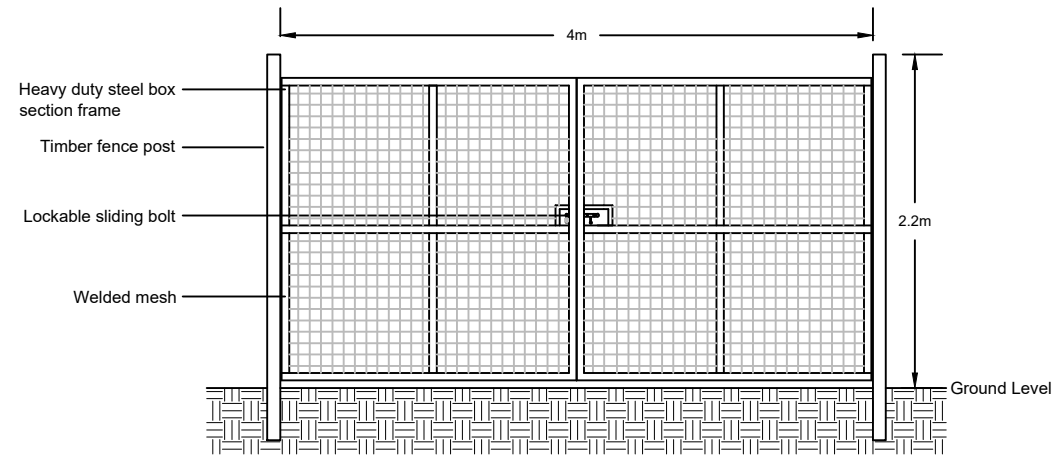
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Produced: RC Checked: Quod Date: June 2024 Version: 01

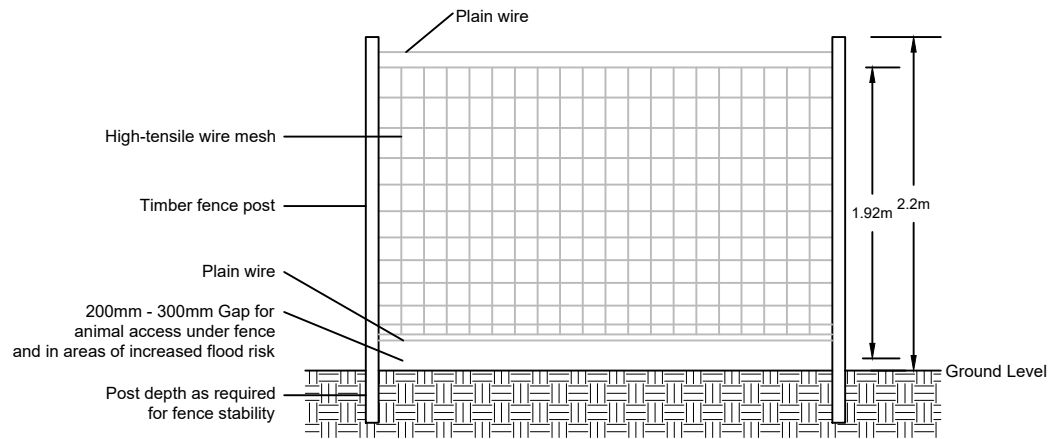
Fence Panel Detail - With Two-Way Animal Access Gate  
Scale: 1:50@A3



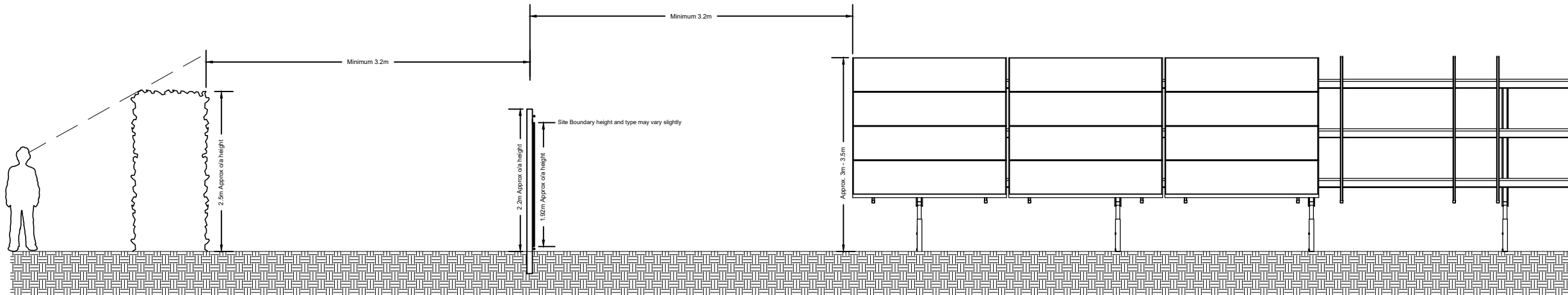
Access Gate  
Scale: 1:50@A3



Fence Panel Detail - With Animal Access Gap Underneath Fence  
Scale: 1:50@A3



Installed Fence Cross Section  
Scale: 1:75@A3



Not For Approval



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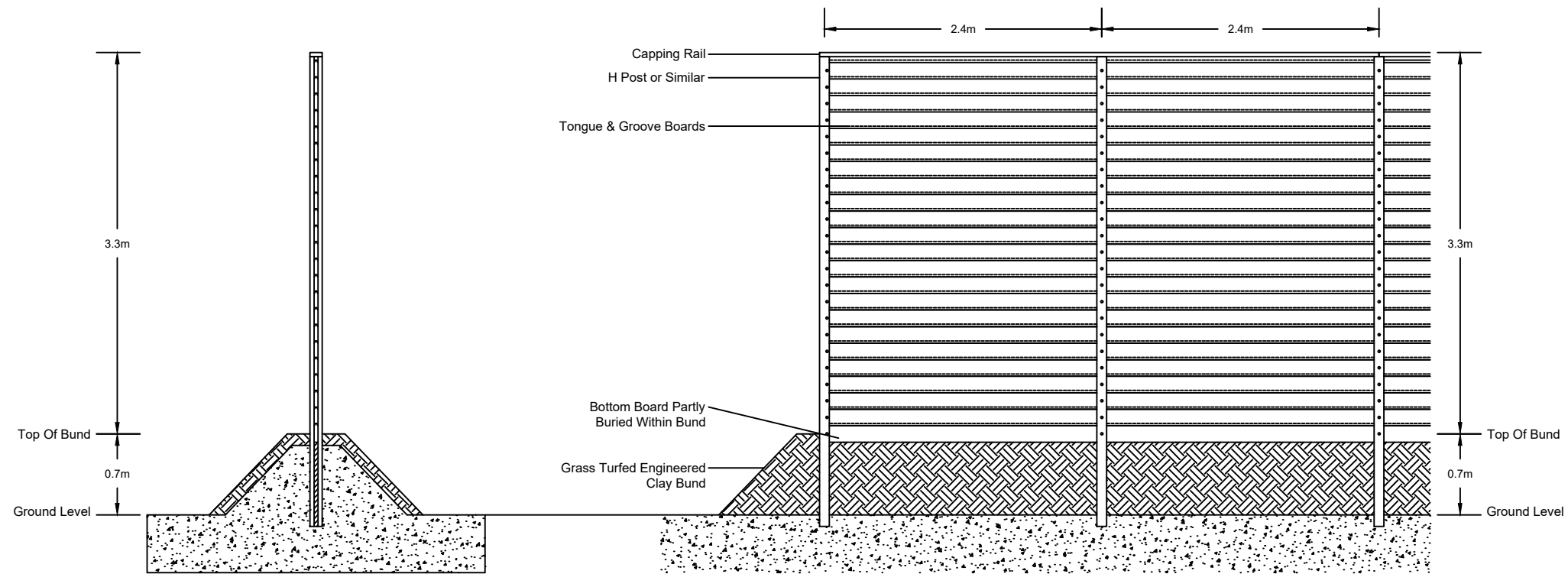
Drawing Title:  
Illustrative Fencing  
Detail  
Post And Wire

Document Reference #:  
142-02-13-A

Scale: As Shown@A3 APFP Reg. 5(2)(o)

Produced: RC Checked: Quod Date: June 2024 Version: 01

Notes:  
For further details on the bund consult the  
Illustrative Inverter Station and BESS Layout,  
Elevation and Section drawings.



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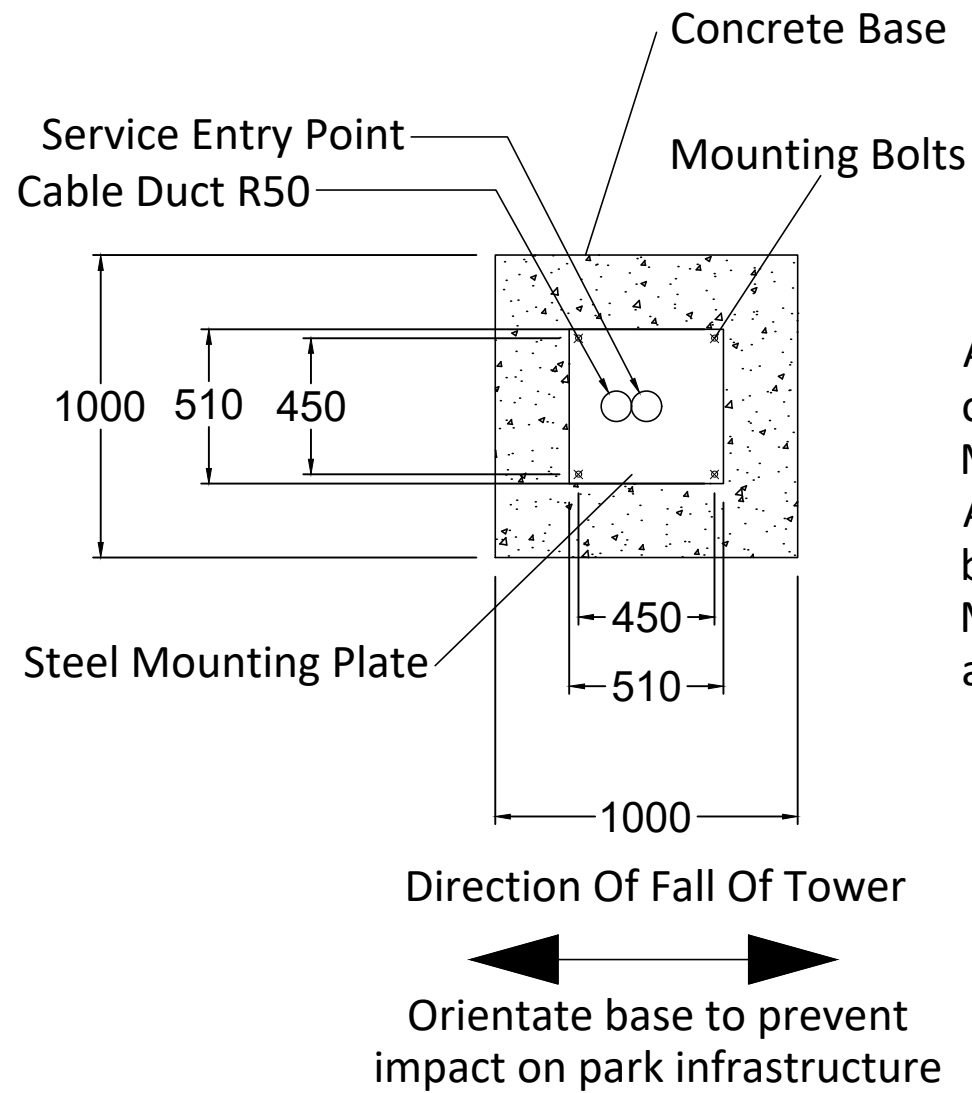
Project Name:  
Stonestreet Green Solar

Drawing Title:  
Illustrative Acoustic  
Barrier Detail

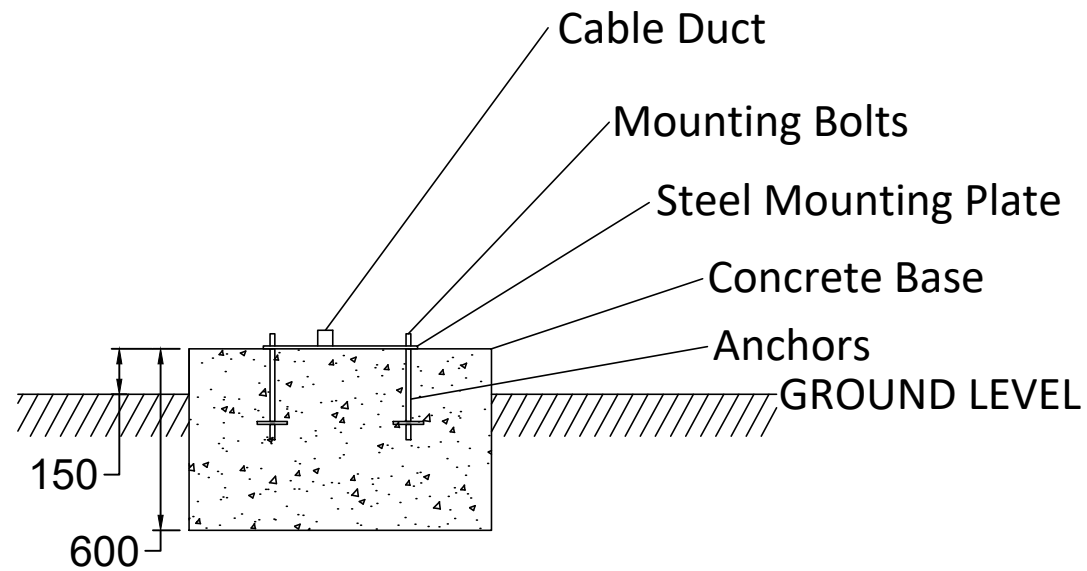
Document Reference #:  
142-02-13-B

Scale: 1:50@A3 APFP Reg. 5(2)(o)

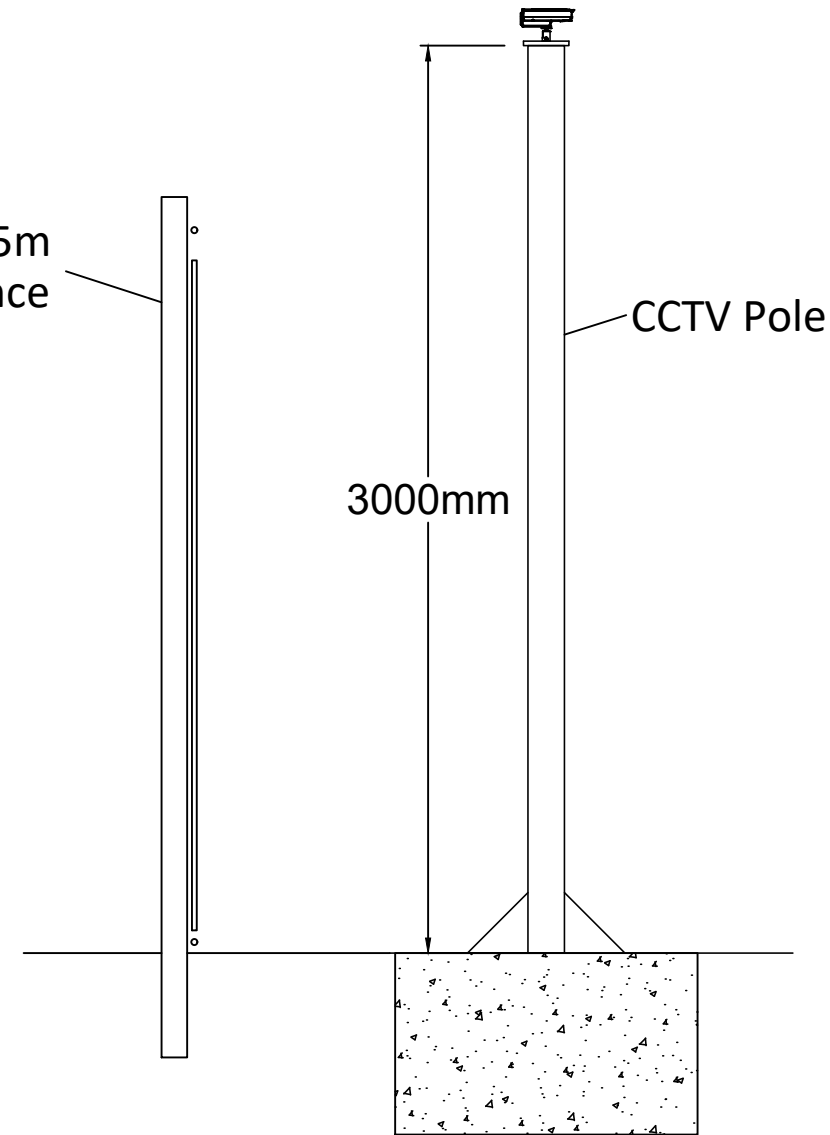
Produced:	Checked:	Date:	Version:
RC	Quod	June 2024	01



A minimum soil bearing pressure of 75kN/m<sup>2</sup> is assumed  
 Minimum concrete Grade C35  
 Allow 72 hours after pouring before installing pole or tower  
 Mounting plate to be grouted as required



Approx. 2.5m high deer fence



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Project Name:  
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Drawing Title:  
 Illustrative CCTV Specifications

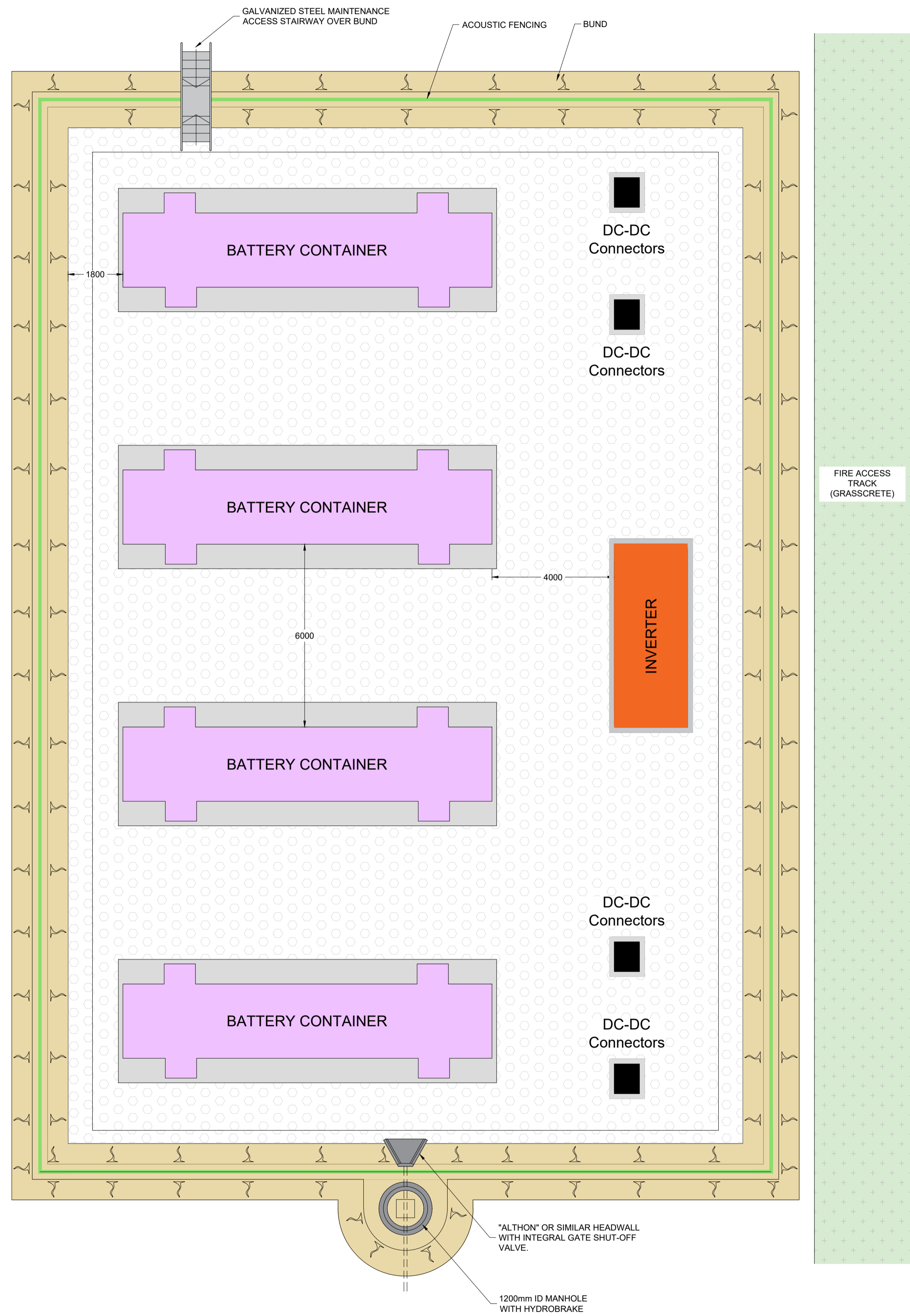
Document Reference #:  
 142-02-11

Scale: 1:25@A3 APFP Reg. 5(2)(o)

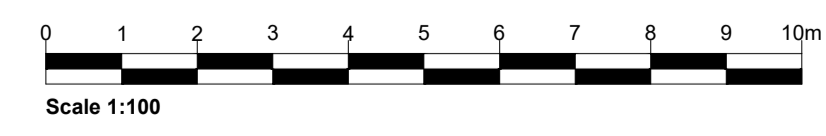
Produced:	Checked:	Date:	Version:
RC	Quod	June 2024	01

**Notes:**

- 1) REFER TO DRAWING CIV\_009 FOR DETAILS
- 2) BUND HEIGHTS ARE MINIMUM BUND HEIGHTS. CREST OF BUND SHOULD BE LEVEL. ON SLOPING SITES WITH A SIGNIFICANT VARIATION IN LEVEL, INTERNAL SEPARATION BUND MAY BE NECESSARY



**TYPICAL INVERTER STATION LAYOUT**  
SCALE 1:100



**Legend:**

APFP Regulation: 5(2)(o)

**SLR**  
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Drawing Status & Suitability Code  
**NOT FOR APPROVAL**

Client  
EPL 001 LIMITED

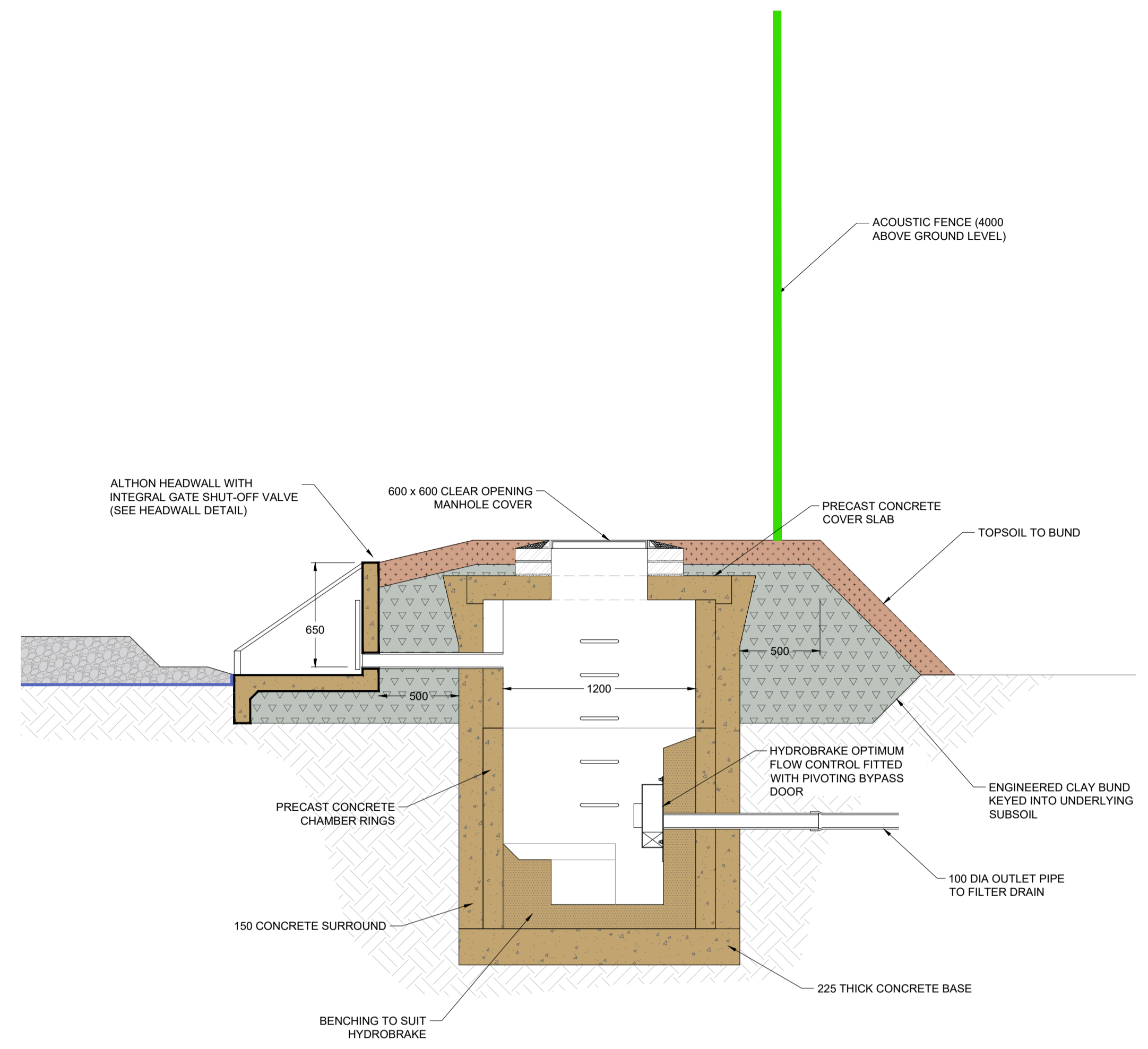
Project  
STONESTREET GREEN SOLAR

Drawing Title  
INVERTER STATION  
ILLUSTRATIVE GENERAL ARRANGEMENT

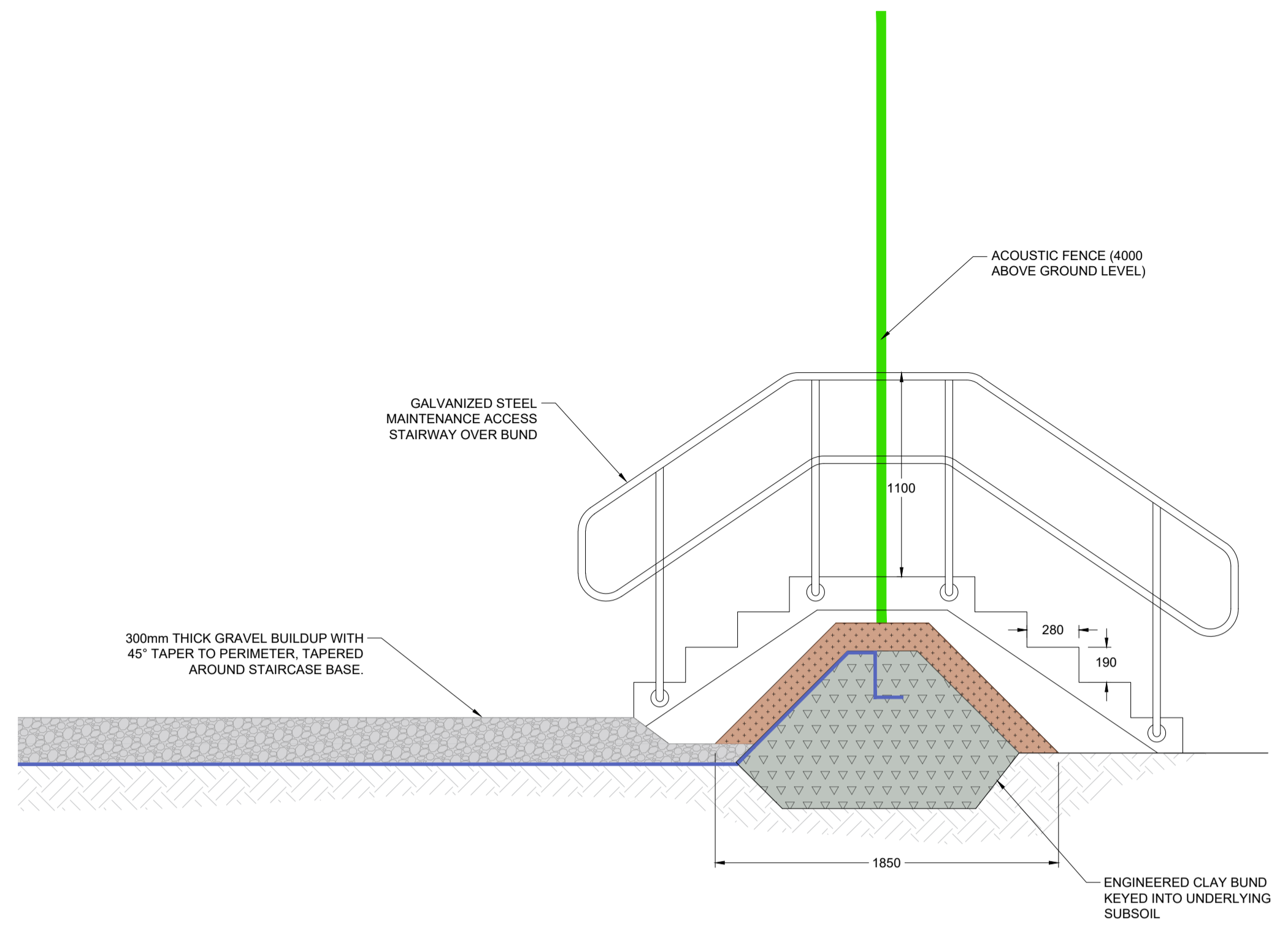
Scale 1:100	@ A1	SLR Project No. 425.064837.00001
Designed DP/PS	Drawn PS	Checked DP
Date JUN 24	Date JUN 24	Date JUN 24
Drawing Number CIV_008	Rev 01	

G:\135726 EPL\_001 Limited\425.064837.00001 - Stonestreet Green\CIV\Drawings\March\_2024\425.064837.00001\_CIV008-9.0 Typical Inverter Plant Details.dwg Alex Britts 05/03/2024

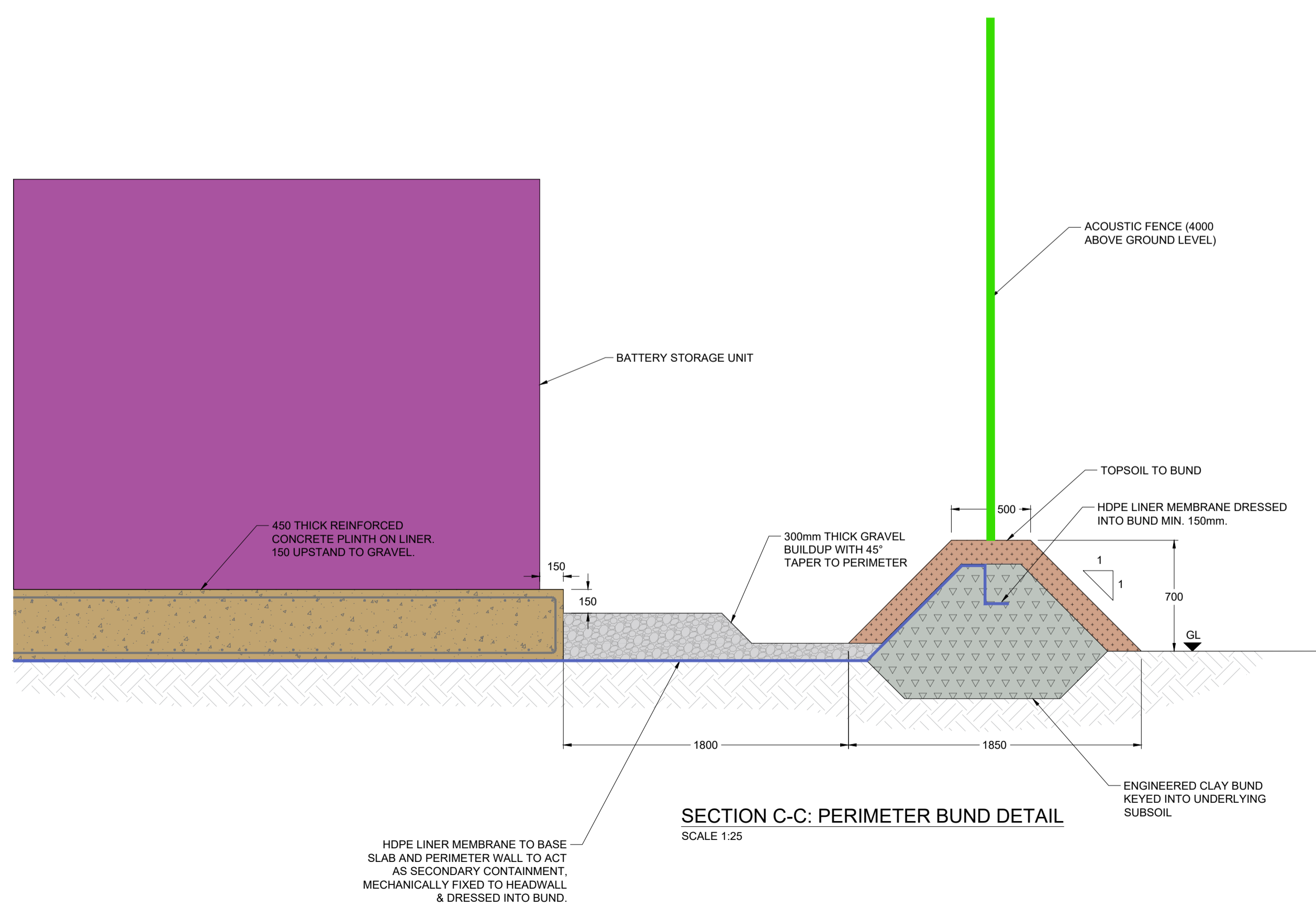




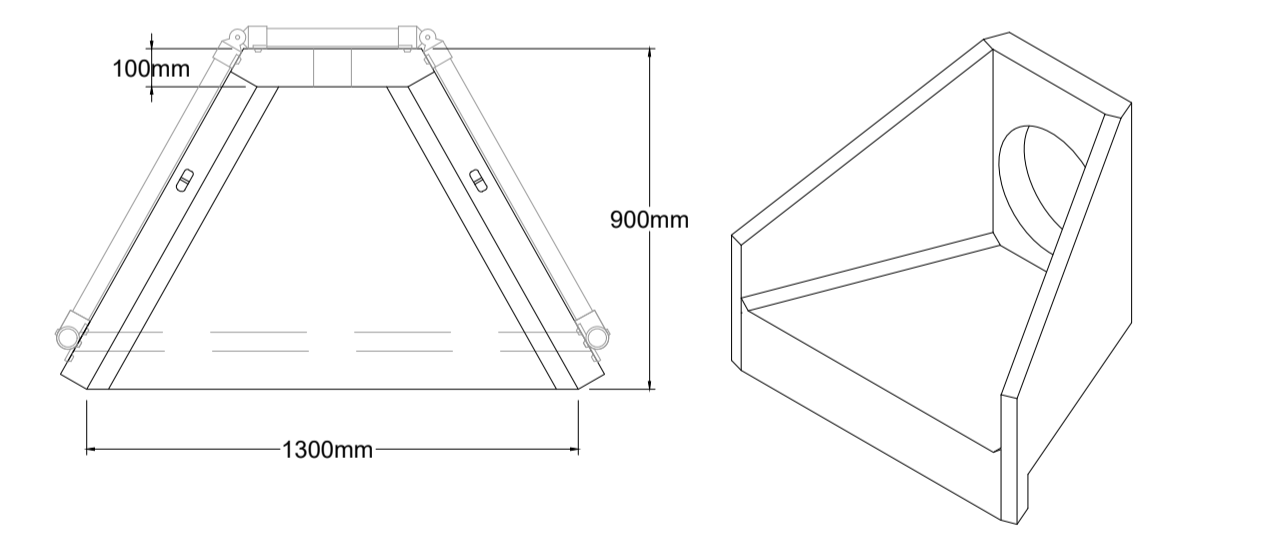
**SECTION A-A: DRAINAGE OUTLET DETAIL**  
SCALE 1:25



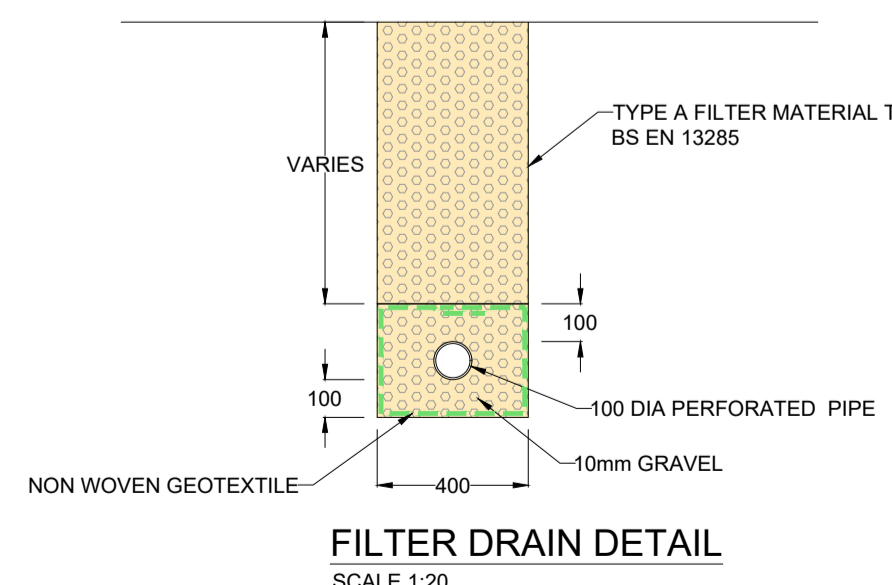
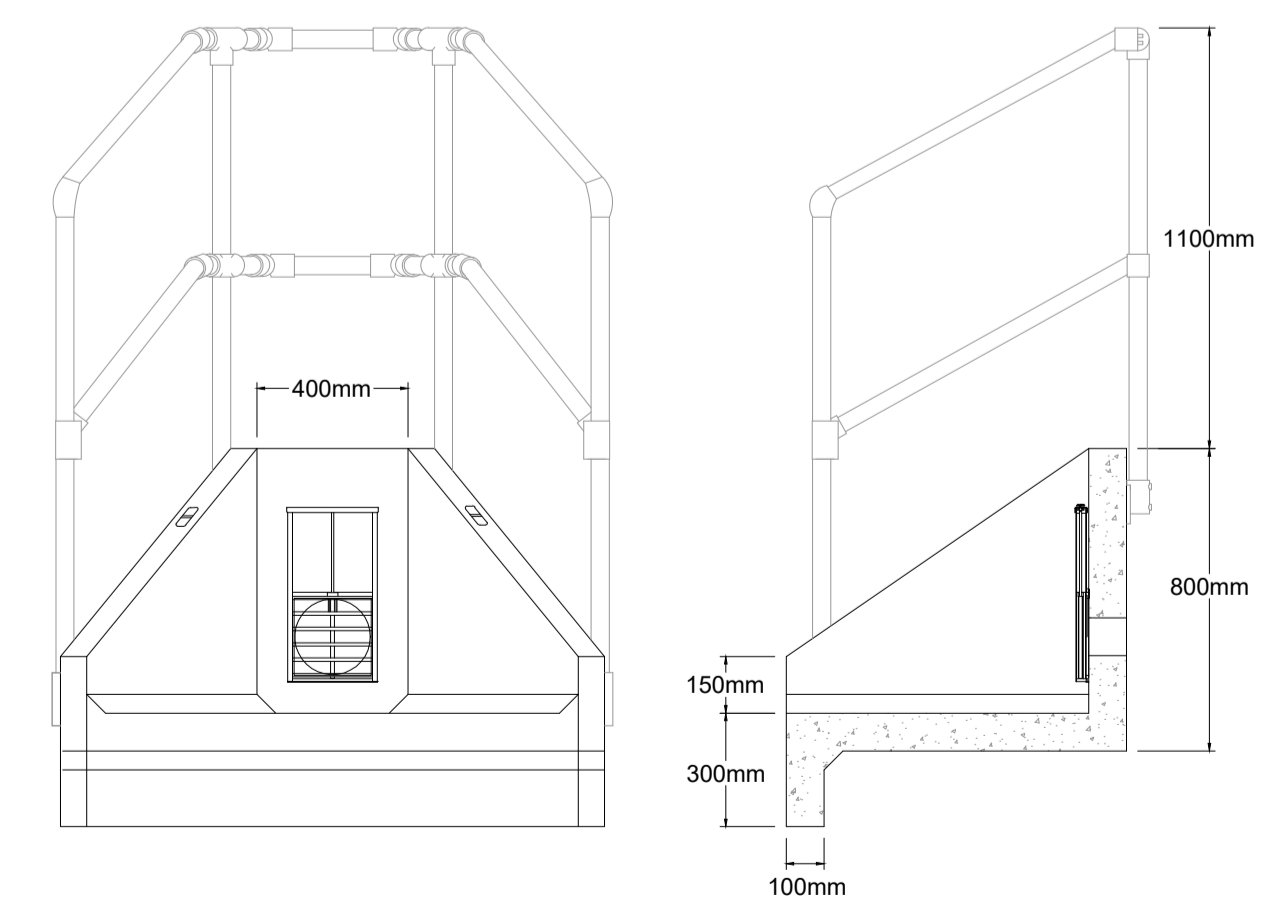
**DETAIL B-B: ACCESS DETAIL**  
SCALE 1:25



**SECTION C-C: PERIMETER BUND DETAIL**  
SCALE 1:25



**HEADWALL DETAIL WITH PENSTOCK**  
SCALE 1:20



**FILTER DRAIN DETAIL**  
SCALE 1:20

**Notes:**

**Legend:**

APFP Regulation: 5(2)(o)

**SLR**  
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Drawing Status & Suitability Code: **NOT FOR APPROVAL**

Client: EPL 001 LIMITED

Project: STONESTREET GREEN SOLAR

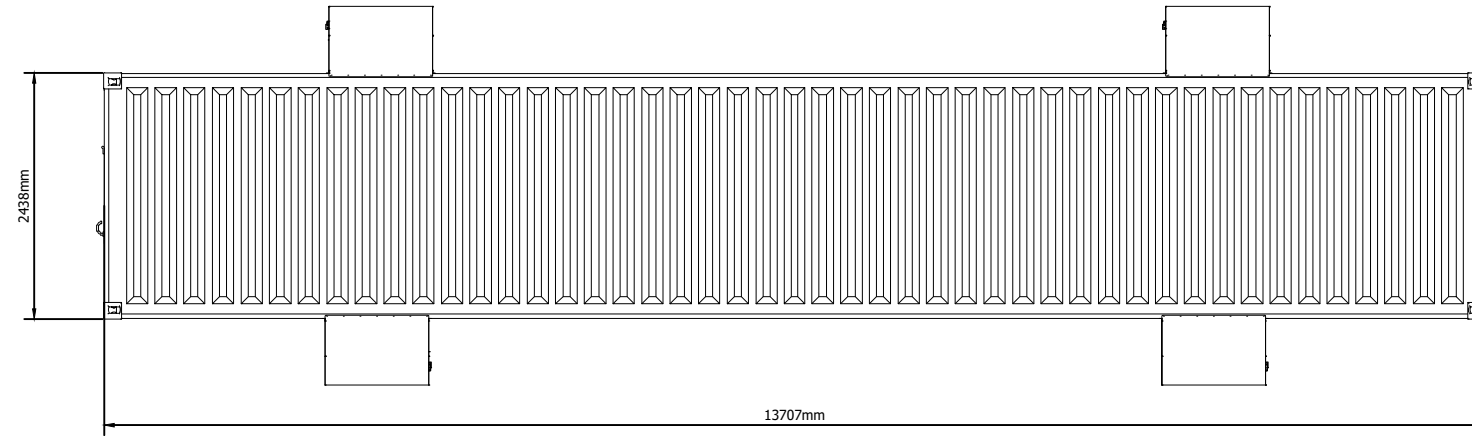
Drawing Title: **INVERTER STATION ILLUSTRATIVE DETAILS**

Scale: AS SHOWN	@ A1	SLR Project No: 425.064837.00001
Designed: DP/PS	Drawn: PS	Checked: DP
Date: JUN 24	Date: JUN 24	Date: JUN 24
Authorised: IW		

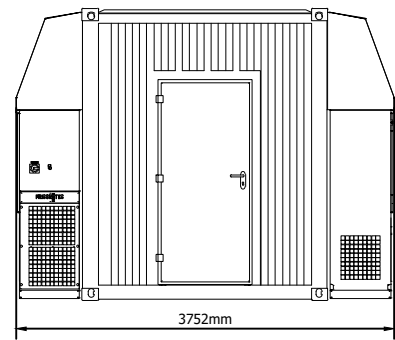
Drawing Number: **CIV\_009** Rev: **01**

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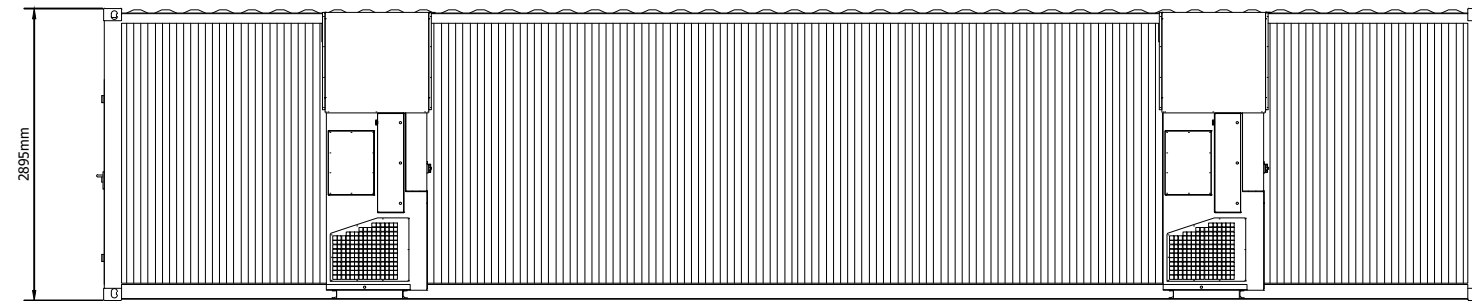
Plan View



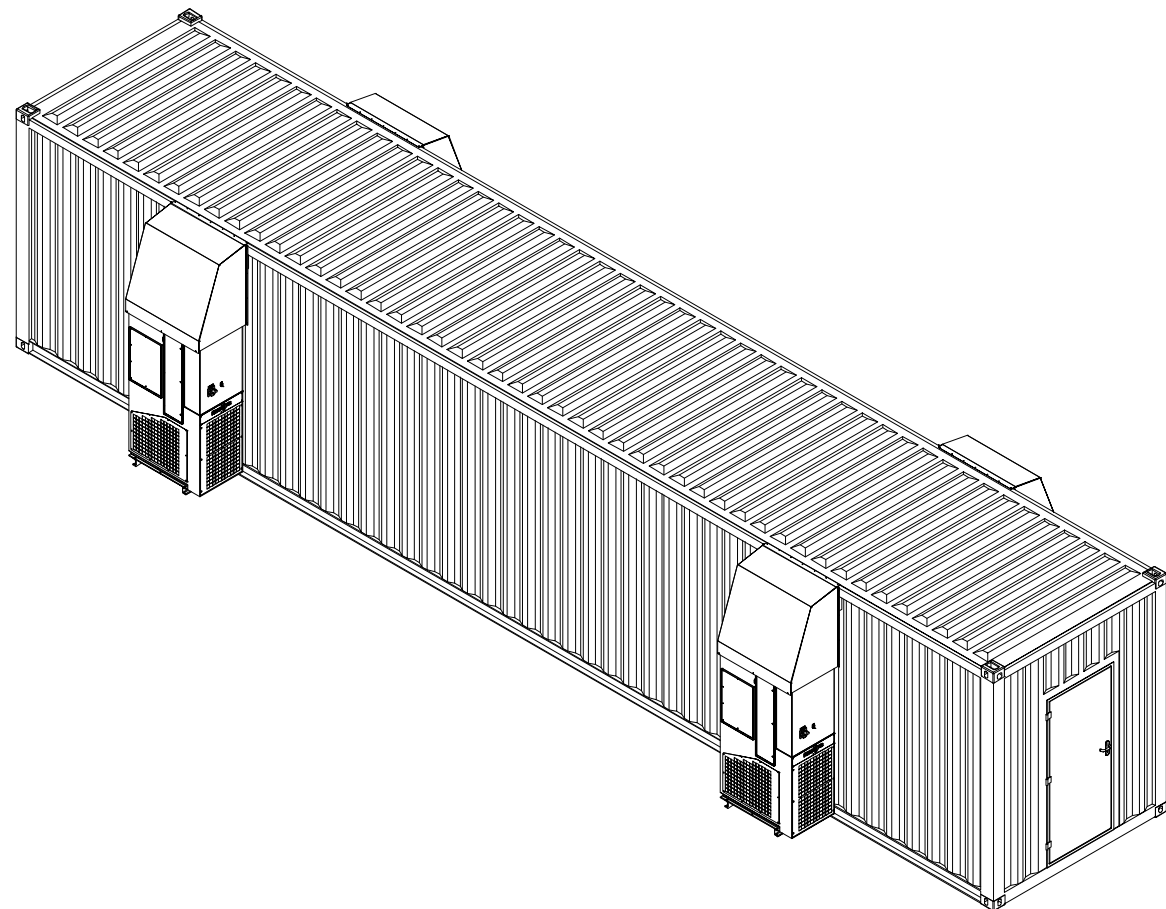
Front Elevation



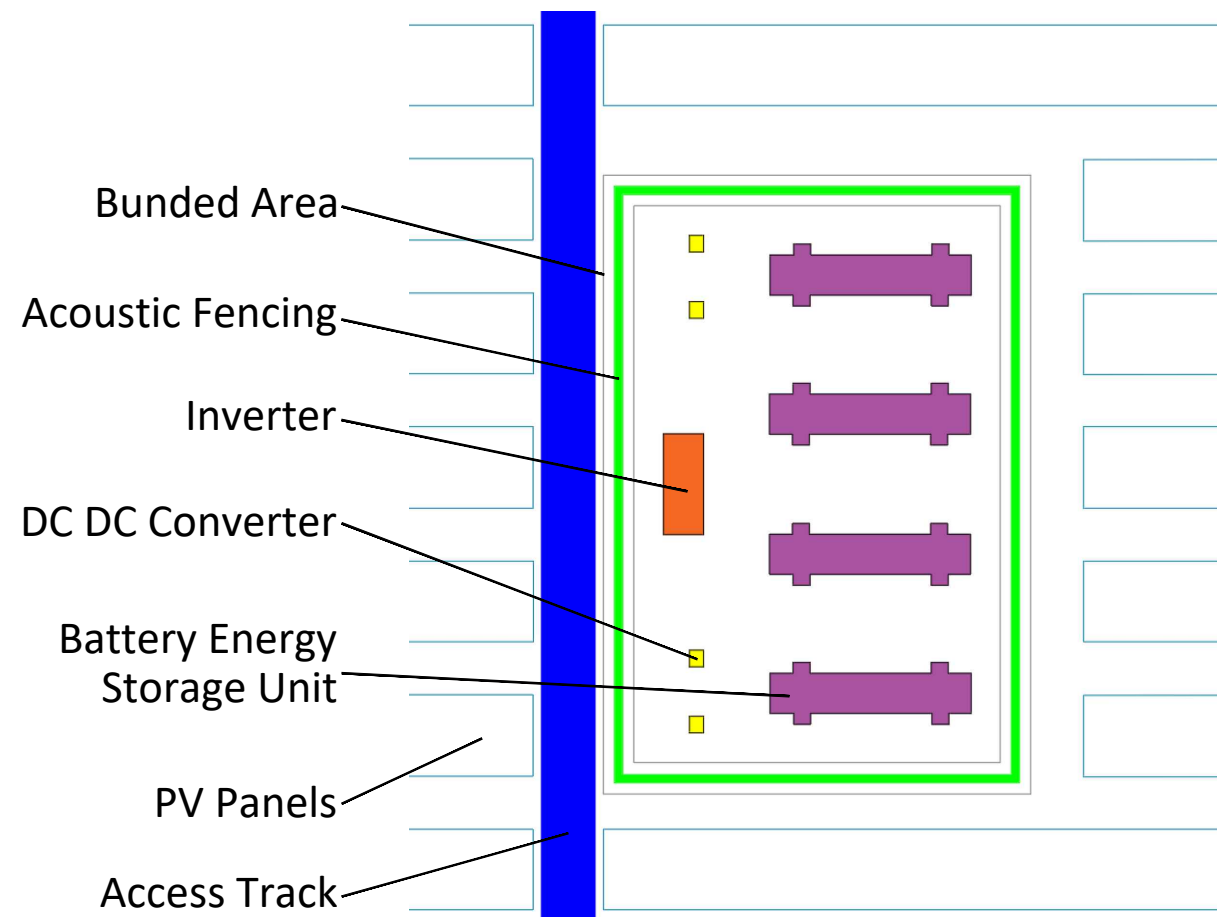
Side Elevation



Isometric View



Illustrative Work No.2 Area



Notes:



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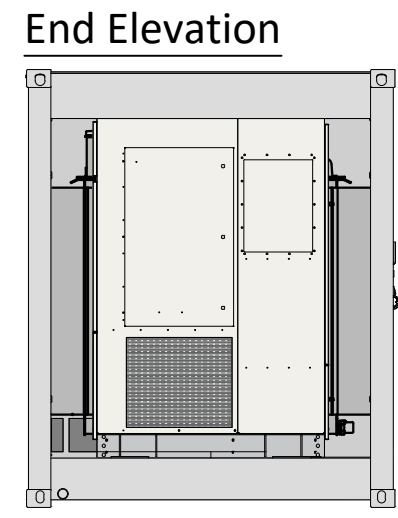
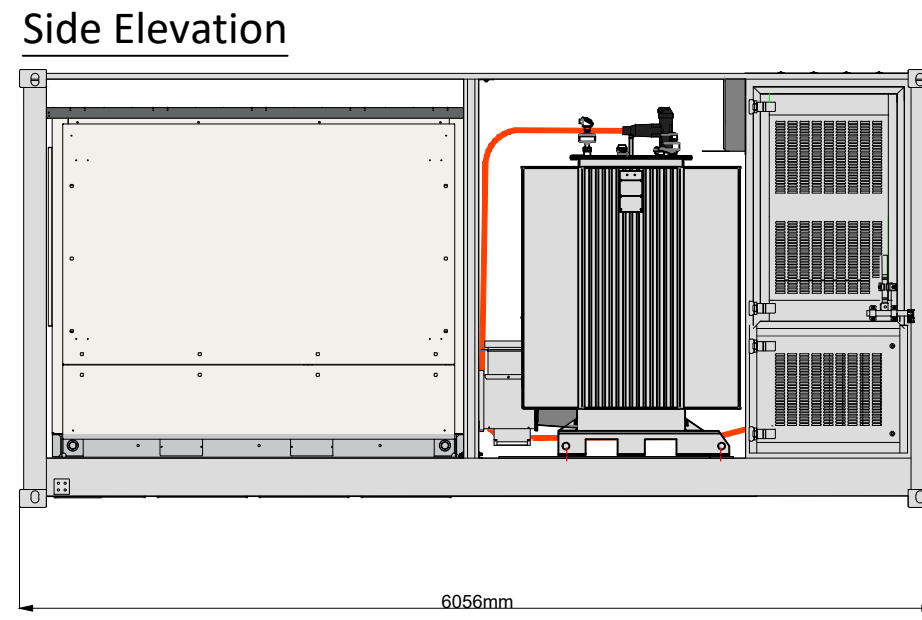
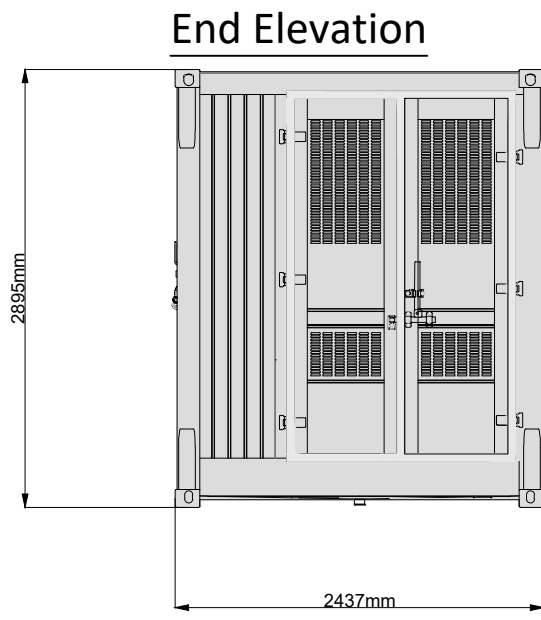
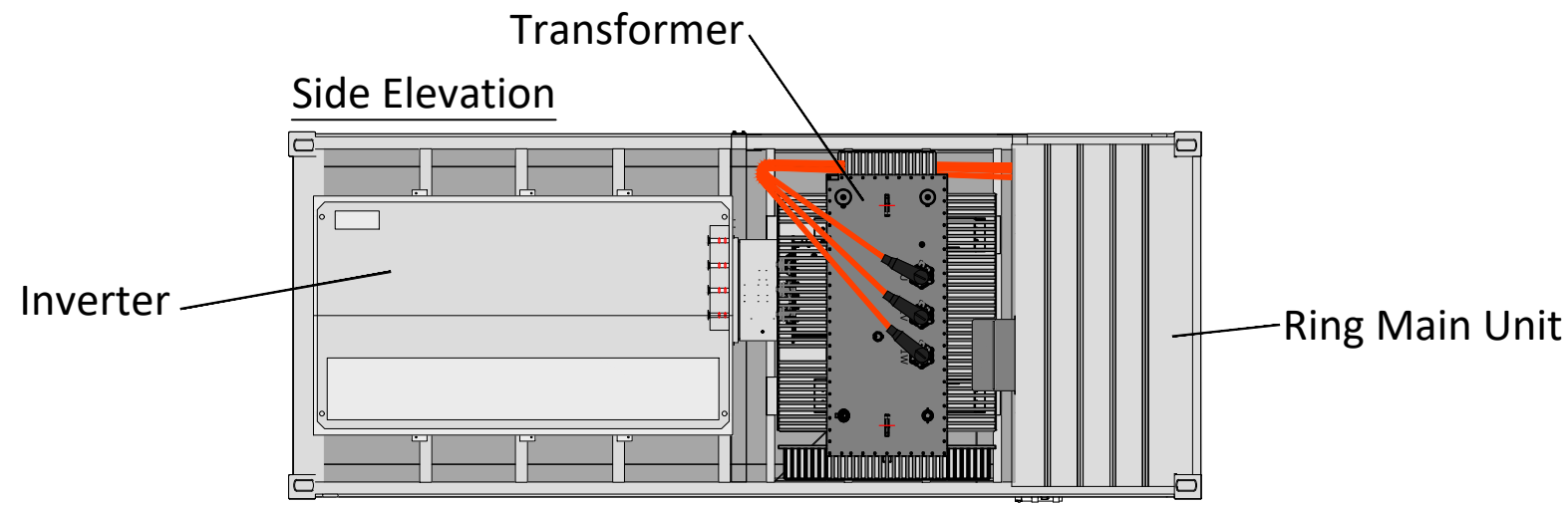
Drawing Title:  
 Illustrative Battery  
 Energy Storage System  
 Detail

Document Reference #:  
 142-02-20

Scale: 1:75@A3 APFP Reg. 5(2)(o)

Produced:	Checked:	Date:	Version:
RC	Quod	June 2024	01

Notes:



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Project Name:  
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Drawing Title:  
Illustrative Containerised  
Inverter Station Detail

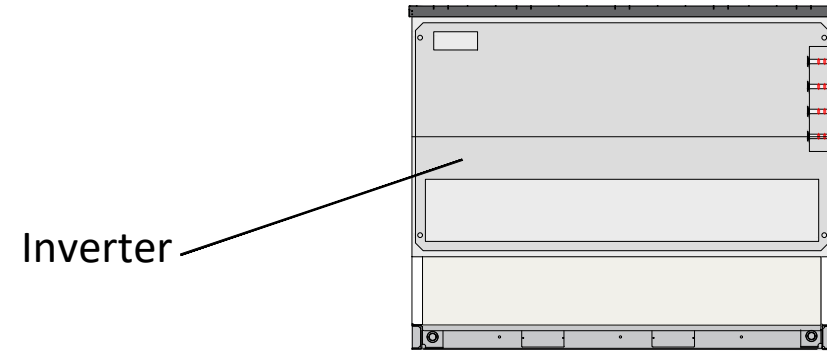
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142-02-15-A

Scale: 1:50@A3 APFP Reg. 5(2)(o)

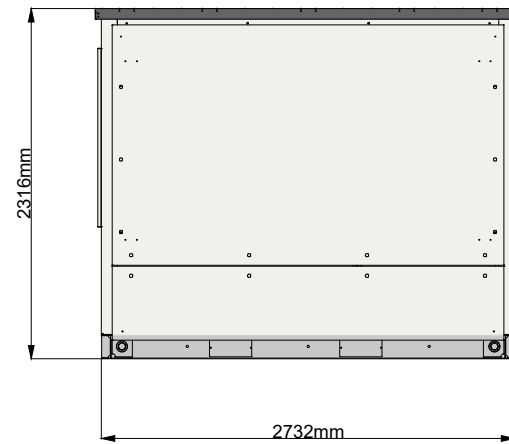
Produced:	Checked:	Date:	Version:
RC	Quod	June 2024	01

Notes:

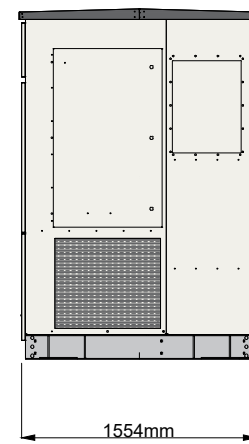
Side Elevation



Side Elevation



End Elevation



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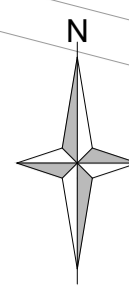
Project Name:  
Stonestreet Green Solar

Drawing Title:  
Illustrative Inverter  
Station Individual Detail

Document Reference #:  
142-02-15-B

Scale: 1:50@A3 APFP Reg. 5(2)(o)












Produced:	Checked:	Date:	Version:
RC	Quod	June 2024	01

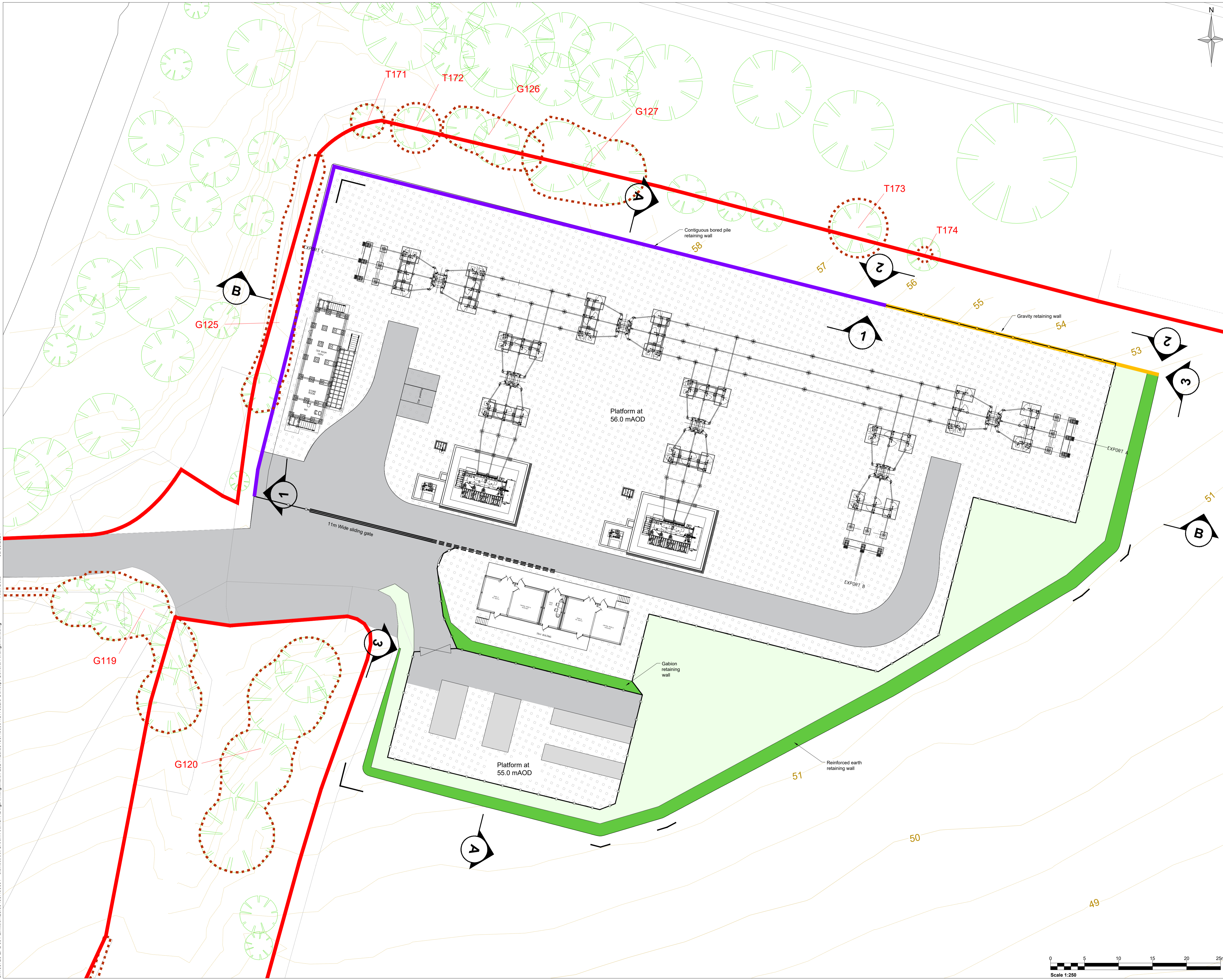


Notes:

1.

Legend:

-  ORDER LIMITS
-  SECURITY FENCELINE
-  PROPOSED GRAVEL SURFACE
-  PROPOSED TARMAC SURFACE
-  ROOT PROTECTION ZONES
-  CONTIGUOUS BORED PILE RETAINING WALL (SEE CIV\_007 FOR DETAILS)
-  GRAVITY RETAINING WALL (SEE CIV\_007 FOR DETAILS)
-  REINFORCED EARTH RETAINING WALL (SEE CIV\_007 FOR DETAILS)
-  GRASSED AREA
-  SECTION LINE MARKER (SEE DRAWING CIV\_005 FOR SECTIONS)
-  ELEVATION LINE MARKER (SEE DRAWING CIV\_06 FOR ELEVATIONS)



APFP Regulation: 5(2)(o)

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Project  
STONESTREET GREEN SOLAR

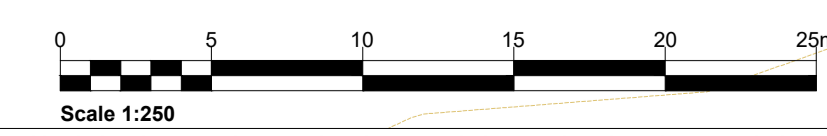
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Scale 1:250	@ A1	SLR Project No. 425.064837.00001
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Designed	Drawn	Checked	Authorised
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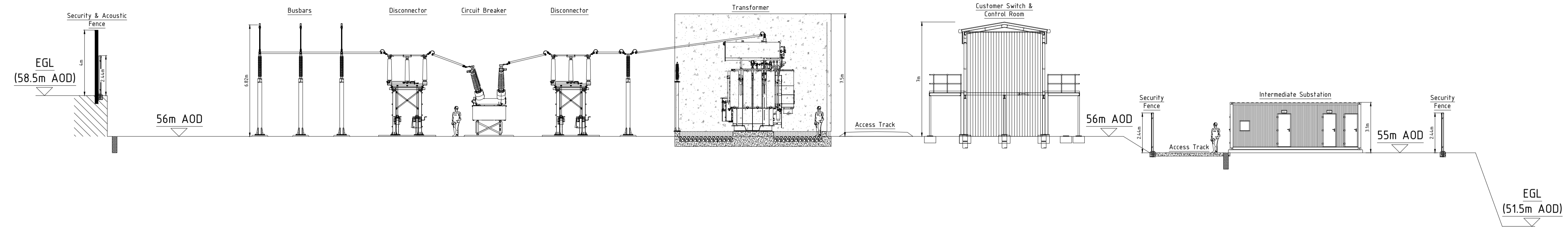
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Rev  
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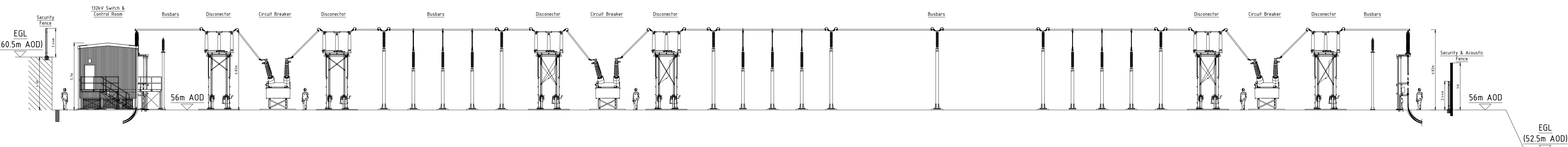


05/03/2024 Alex Britts

Section A-A Facing East (1:150@A1)



Section B-B Facing North (1:175@A1)





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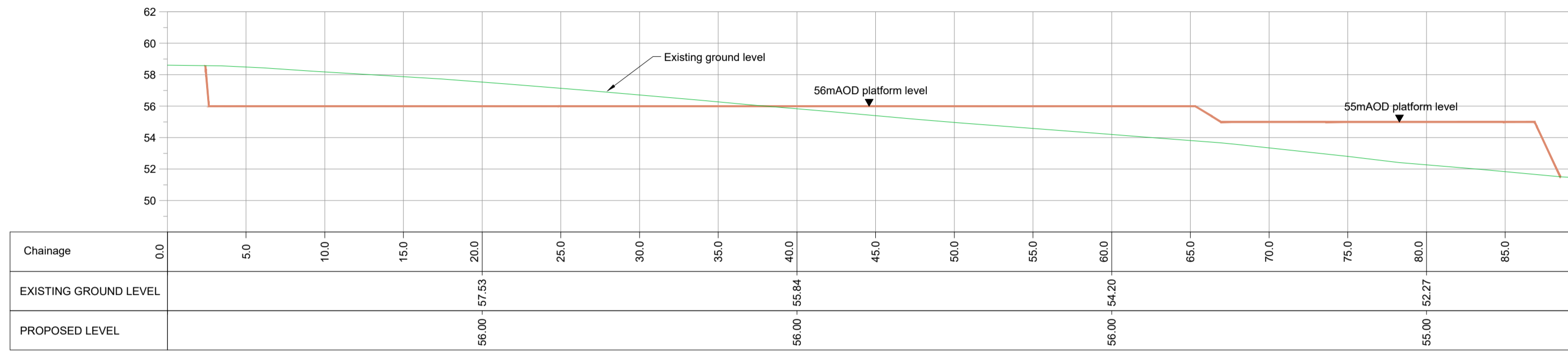
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 Stonestreet Green Solar  
 Document Name:  
 Illustrative 132kV  
 Project Substation  
 Sections

Document Reference #:  
 142-02-11-A

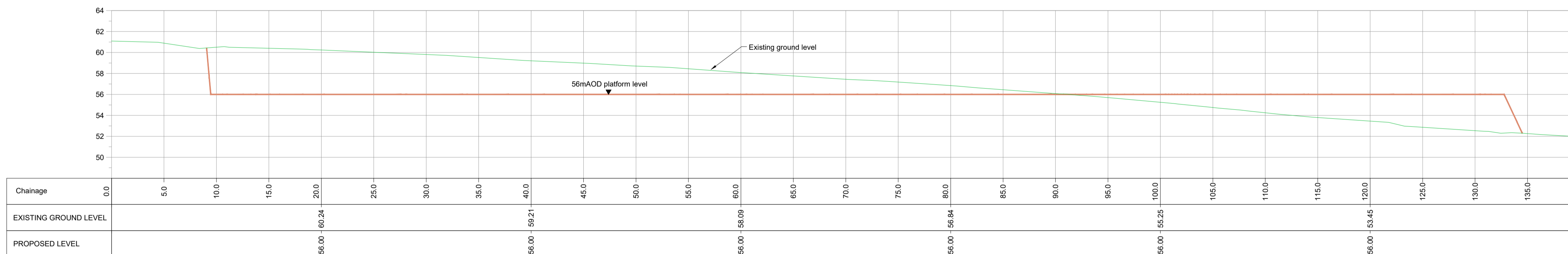
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 Produced: JSM Checked: Quod Date: June 2024 Version: 01

Notes:  
1. SEE DRAWING CIV\_002 FOR SECTION LOCATIONS

Legend:  
 EXISTING GROUND LEVEL  
 PROPOSED DEVELOPMENT PLATFORM



Section A-A



Section B-B

APFP Regulation: 5(2)(o)

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Rev	Amendments	Date	By	Chk	Auth



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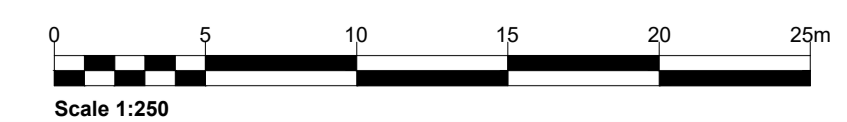
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Drawing Title  
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ILLUSTRATIVE RETAINING WALLS SECTIONS

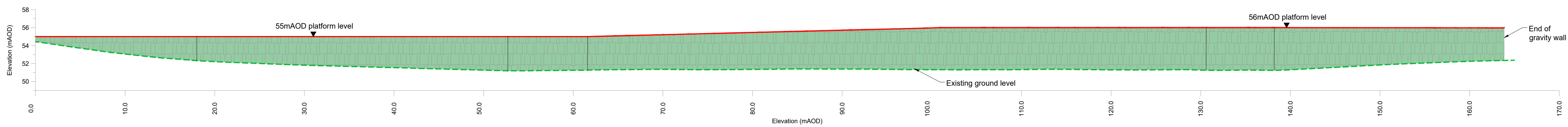
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Date JUN 24	Date JUN 24	Date JUN 24	Date JUN 24

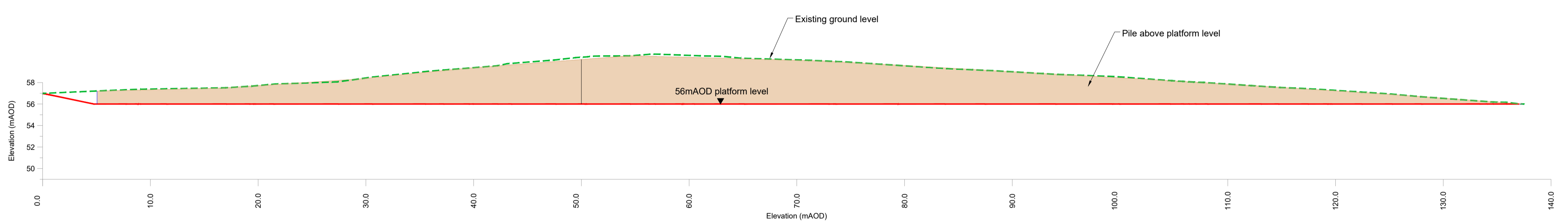
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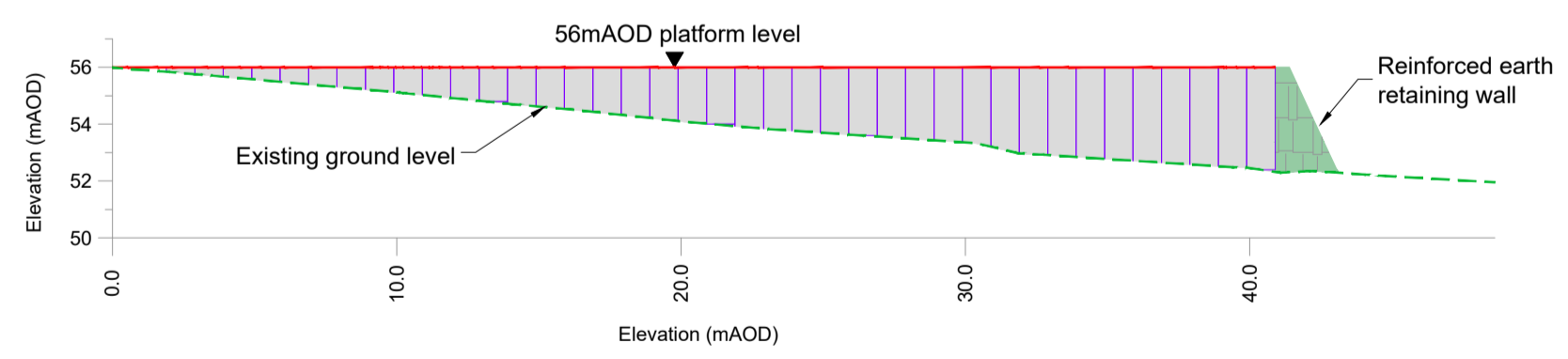
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Elevation 1-1: Reinforced earth retaining wall  
Scale 1:250



Elevation 2-2: Contiguous bored pile retaining wall  
Scale 1:250



Elevation 3-3: Gravity retaining wall  
Scale 1:250

**Notes:**  
1. SEE DRAWING CIV\_002 FOR ELEVATION LINES  
2. SEE DRAWING CIV\_007 FOR RETAINING WALL DETAILS

**Legend:**

	EXISTING GROUND LEVEL
	PROPOSED DEVELOPMENT PLATFORM
	REINFORCED EARTH RETAINING WALL
	CONTIGUOUS BORED PILE RETAINING WALL
	GRAVITY RETAINING WALL

APFP Regulation: 5(2)(o)

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Rev	Amendments	Date	By	Chk	Auth



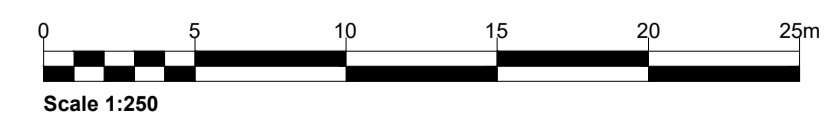
**NOT FOR APPROVAL**

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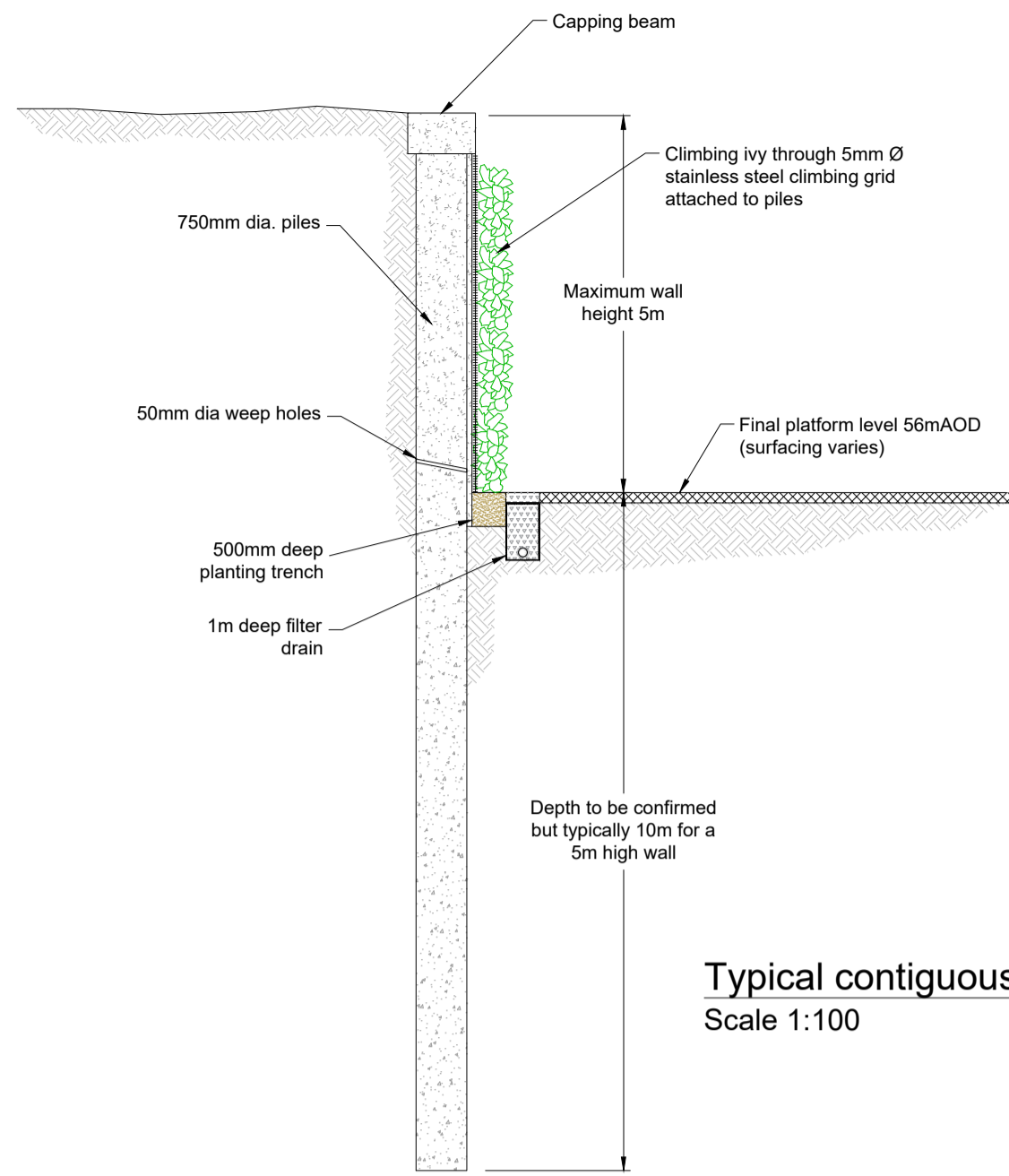
Project  
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Drawing Title  
132kV PROJECT SUBSTATION  
ILLUSTRATIVE RETAINING WALLS ELEVATIONS

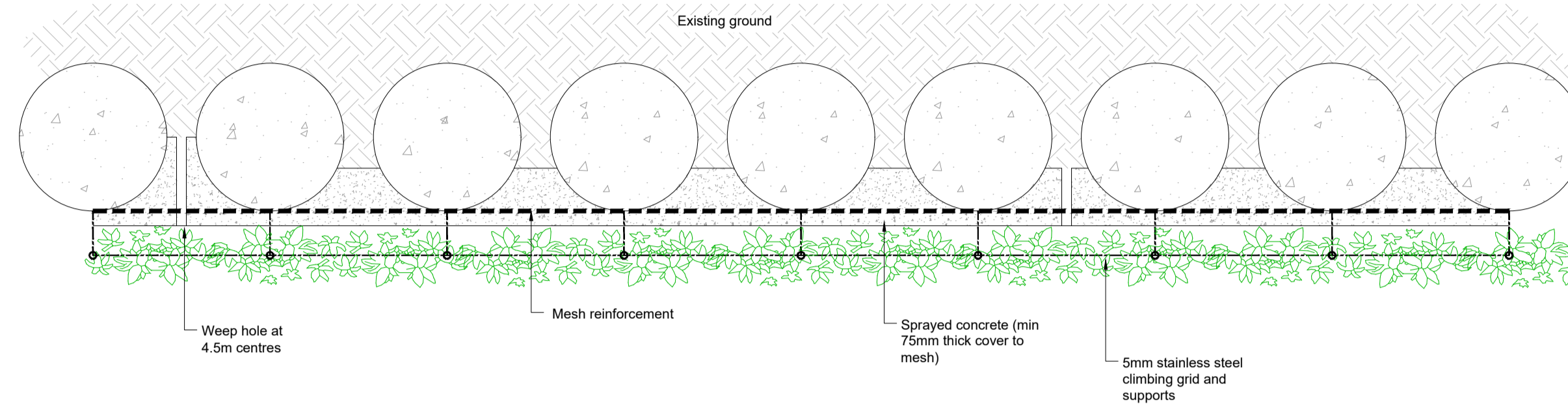
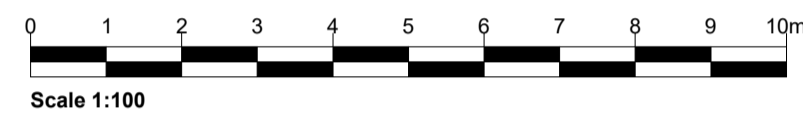
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Date JUN 24	Date JUN 24	Date JUN 24
Drawing Number CIV_006	Rev 01	







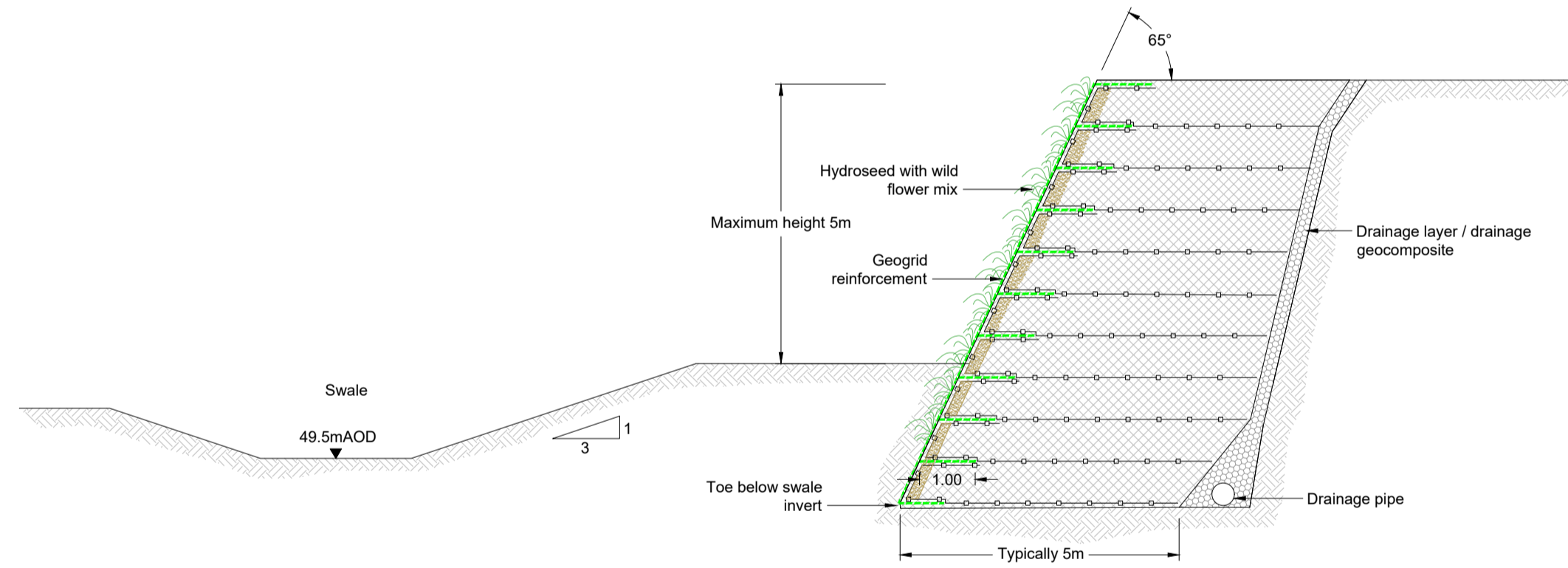
Typical contiguous bored pile wall detail  
Scale 1:100



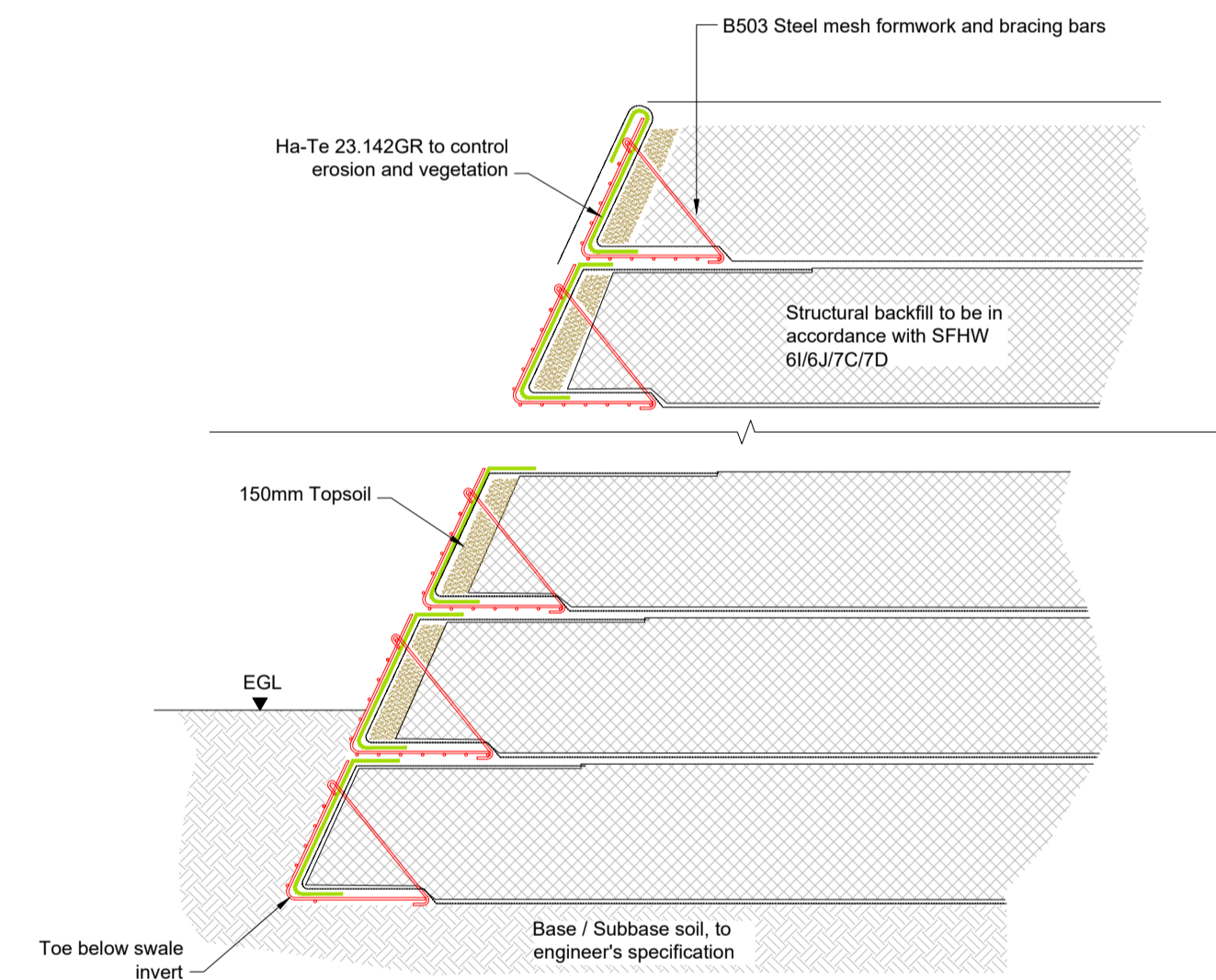
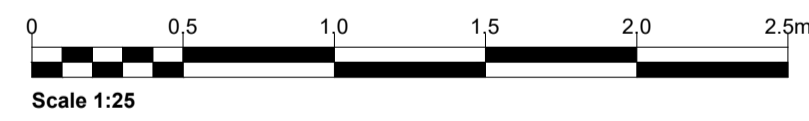
Typical plan on contiguous bored pile retaining wall  
Scale 1:25



## Contiguous bored pile wall

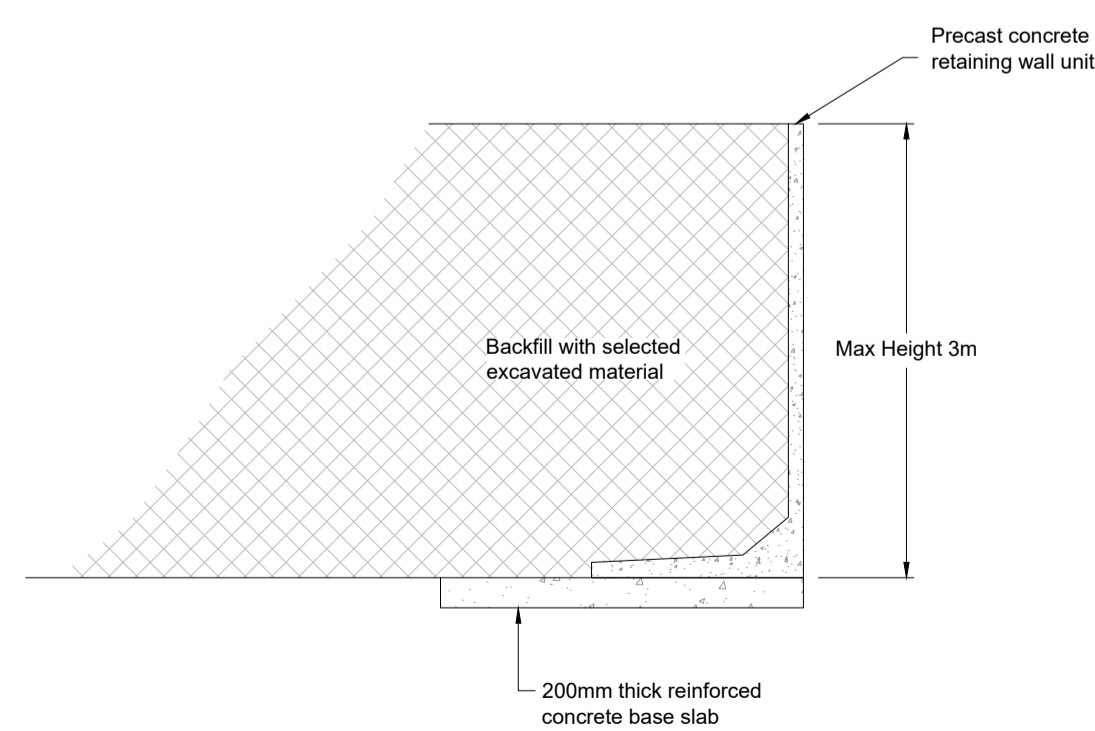


Typical section through reinforced earth retaining wall  
Scale 1: 100

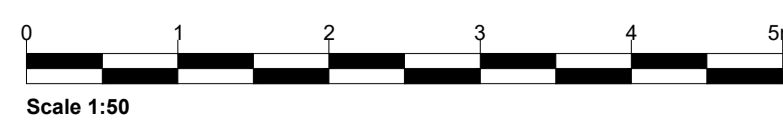


Typical reinforcement and backfill detail  
Not to scale

## Earth reinforced retaining wall



Typical Section Through Gravity Retaining Wall  
Scale 1:50



## Gravity retaining wall

Notes:

Legend:

APFP Regulation: 5(2)(o)

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Rev	Amendments	Date	By	Chk	Auth



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Drawing Status & Suitability Code

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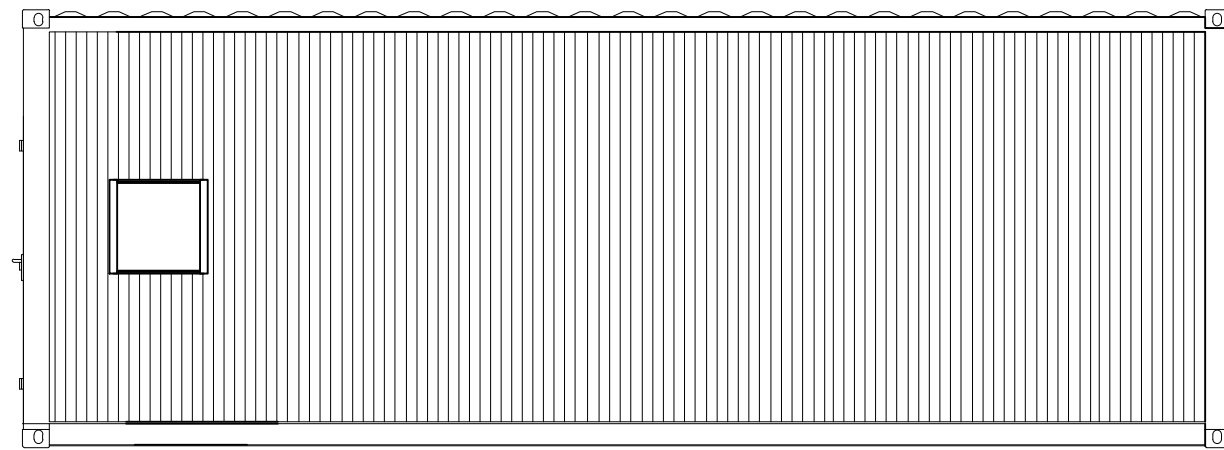
Project  
STONESTREET GREEN SOLAR

Drawing Title  
132kV PROJECT SUBSTATION  
ILLUSTRATIVE RETAINING WALLS DETAILS

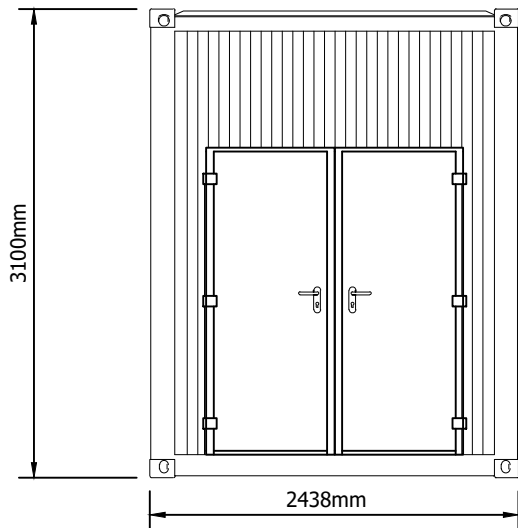
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Date JUN 24	Date JUN 24	Date JUN 24	Date JUN 24
Drawing Number CIV_007	Rev 01		



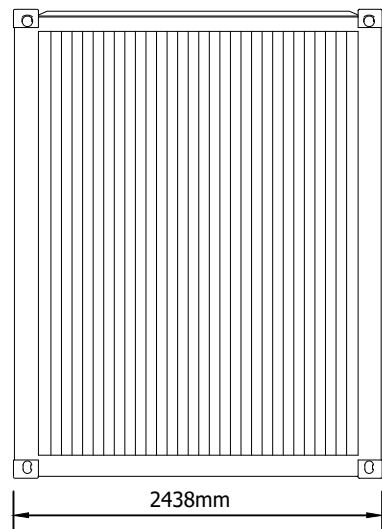
Elevation A



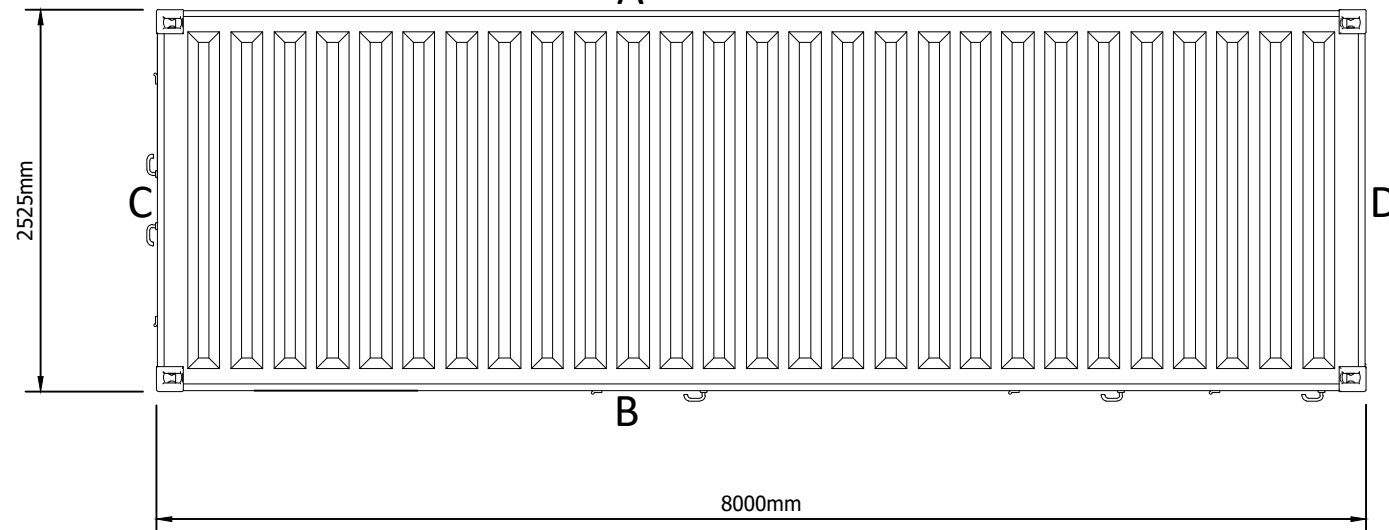
Elevation C



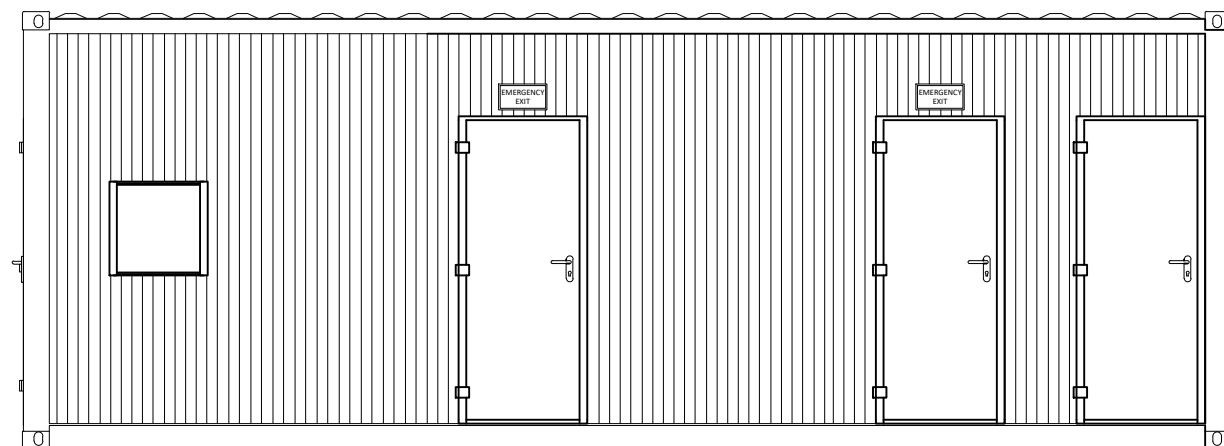
Elevation D



Plan



Elevation B



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Notes:



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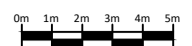
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Drawing Name:  
 Illustrative Intermediate  
 Substation Layout

Drawing Number:  
 142-02-14

Scale: 1:50@A3 APFP Reg. 5(2)(o)

Produced: RC Checked: Quod Date: June 2024 Version: 01



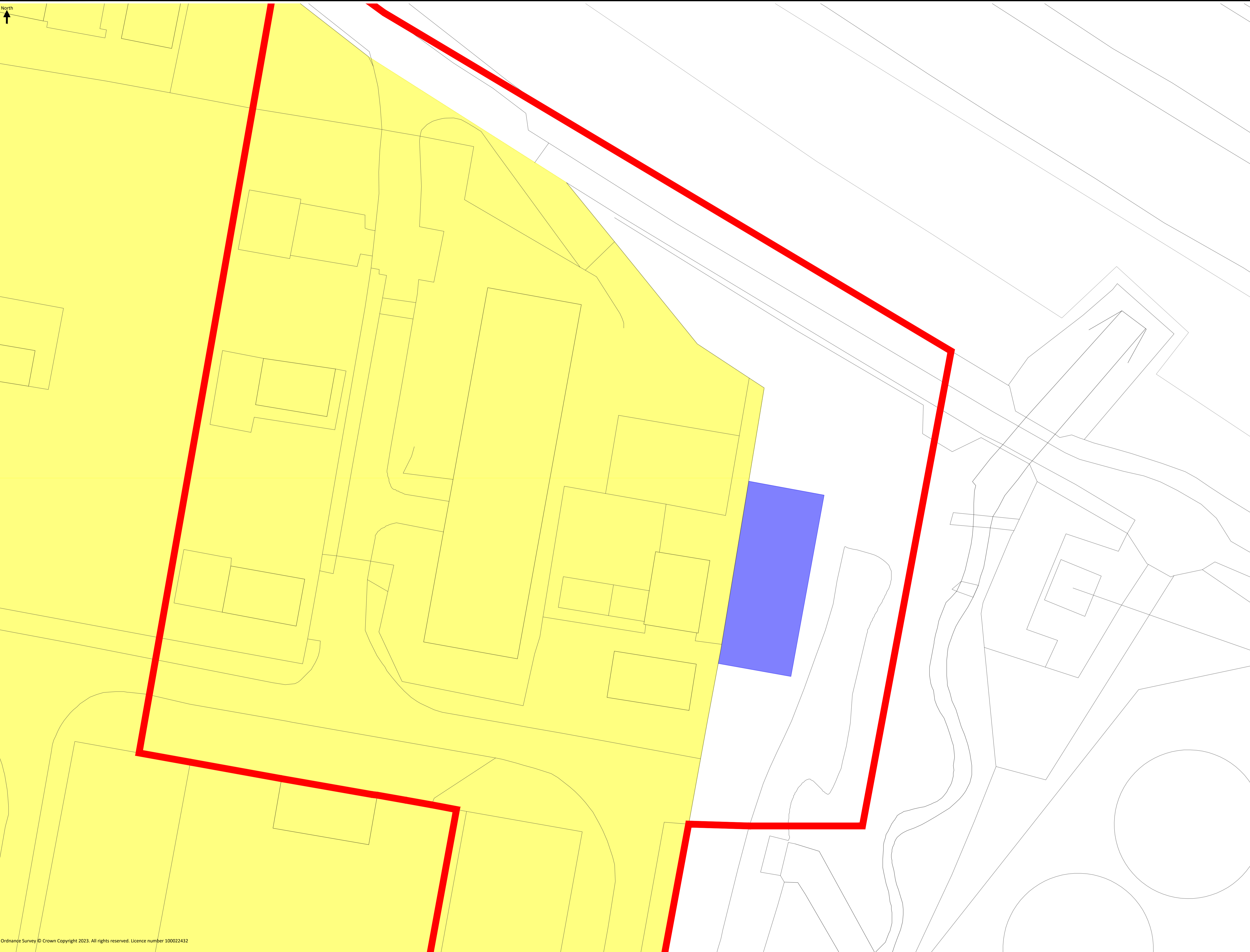
Notes:

Postcode: TN25 7HP W3W: paints.embodied.warp

Key:

- Order Limits
- Existing Perimeter Of Sellindge Substation
- Illustrative Area Of Extension

North



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Project Name:  
Stonestreet Green Solar

Drawing Title:  
Illustrative Sellindge Substation Plan

Document Reference #:  
142-01-48-E-02

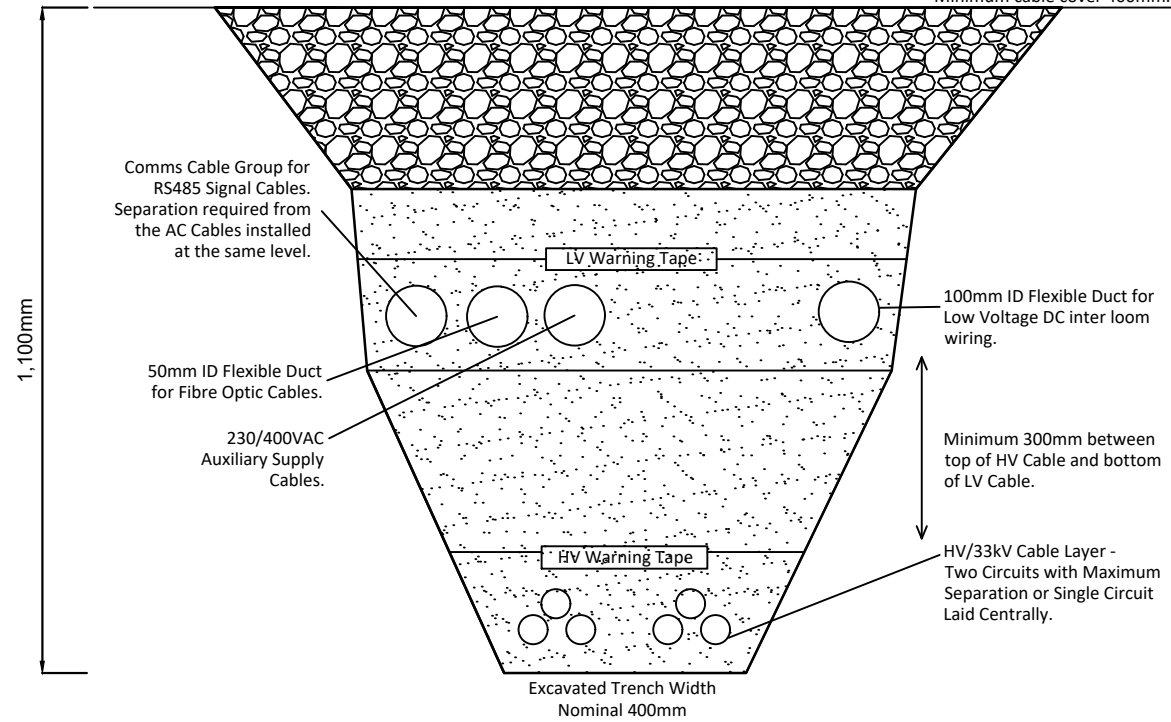
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 Produced: RC Checked: CM Date: June 2024 Version: 01

1:12.5@A3

### HV and LV Trench TRENCH TYPE 1

Excavated Trench Width  
Nominal 1400mm

The original spoil can be used as the backfill, avoid sharp or large objects.  
Minimum cable cover 400mm.

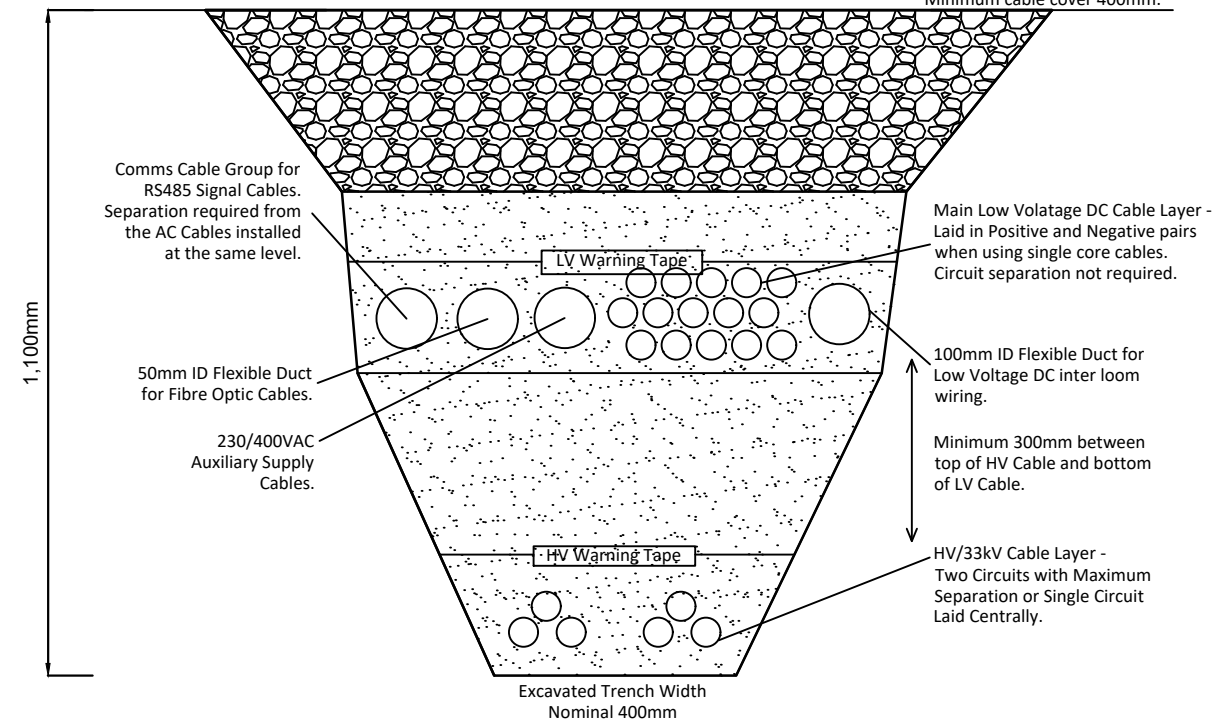


1:12.5@A3

### HV and LV Trench TRENCH TYPE 2

Excavated Trench Width  
Nominal 1400mm

The original spoil can be used as the backfill, avoid sharp or large objects.  
Minimum cable cover 400mm.

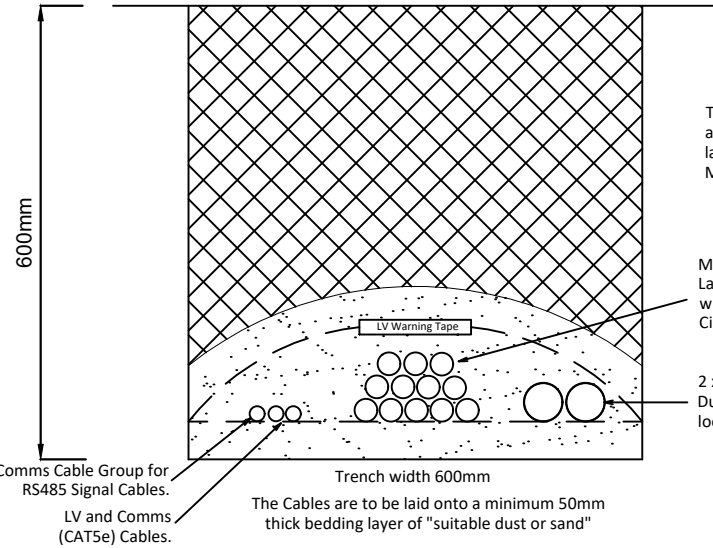


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Notes:  
Joint bays can be up to two meters square depending on number and type of cables within the trench.

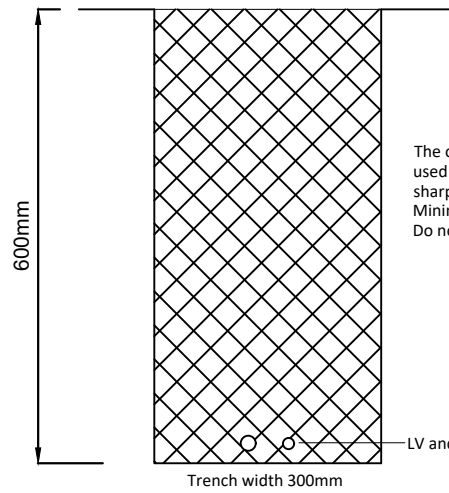
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### DC Trench TRENCH TYPE 3



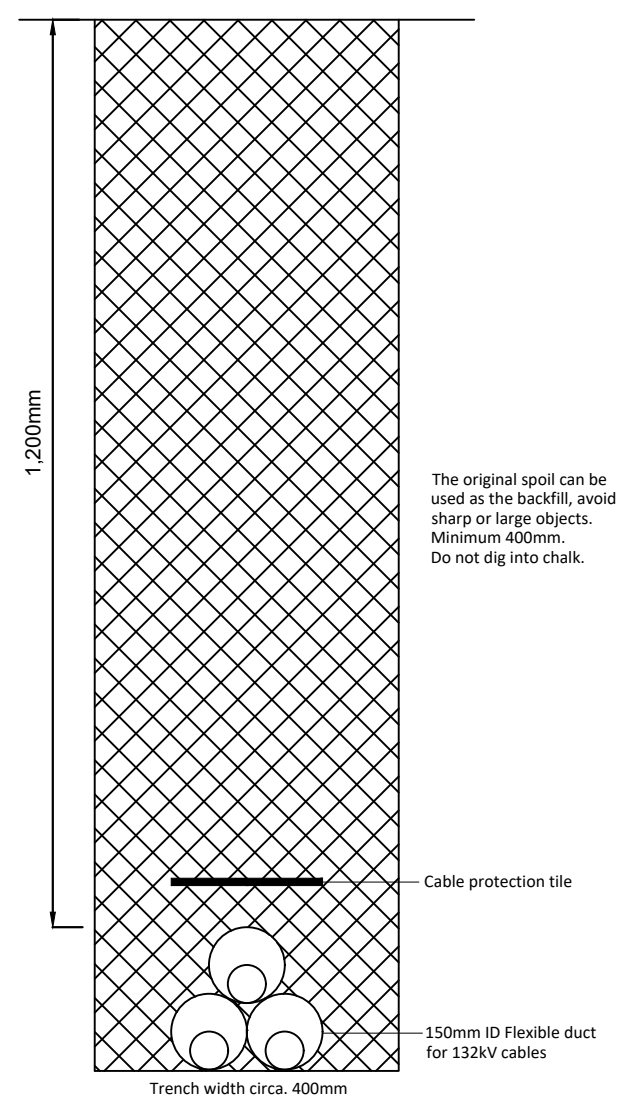
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### Ducting Trench for Comms Cable TRENCH TYPE 5



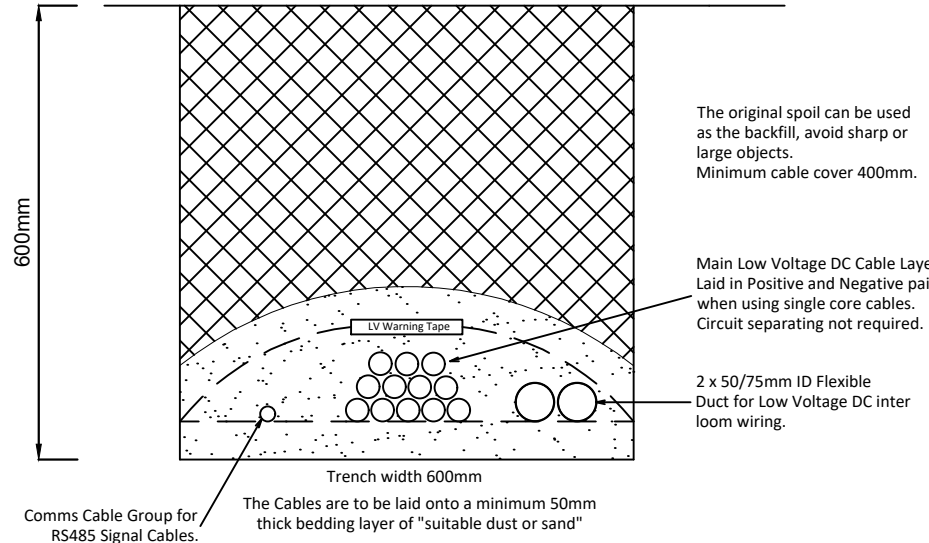
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### Ducting Trench for Dead Cable TRENCH TYPE 7



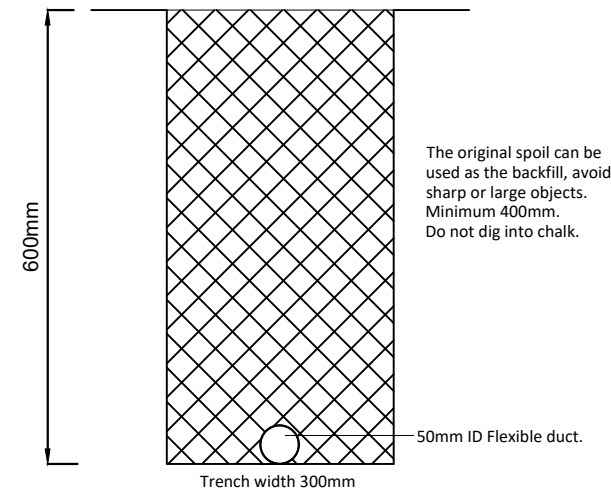
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### DC Trench TRENCH TYPE 4



1:10@A3

### Ducting Trench for Single Cable TRENCH TYPE 6



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Project Name:  
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Drawing Title:  
Illustrative Cable Trench  
Detail Plan

Document Reference #:  
142-02-18

Scale: Per Viewport@A3 APFP Reg. 5(2)(o)

Produced: RC Checked: Quod Date: June 2024 Version: 01