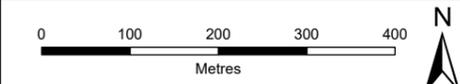


- Site Boundary
- Site Infrastructure
- BESS
- Temporary Construction Compound
- OM Building
- TSO Substation
- Customer Substation
- PV Module
- Transformers
- Hedgerow
- Internal Access Track
- Power Conversion
- Storage Container
- Tesla Megapack
- Fence

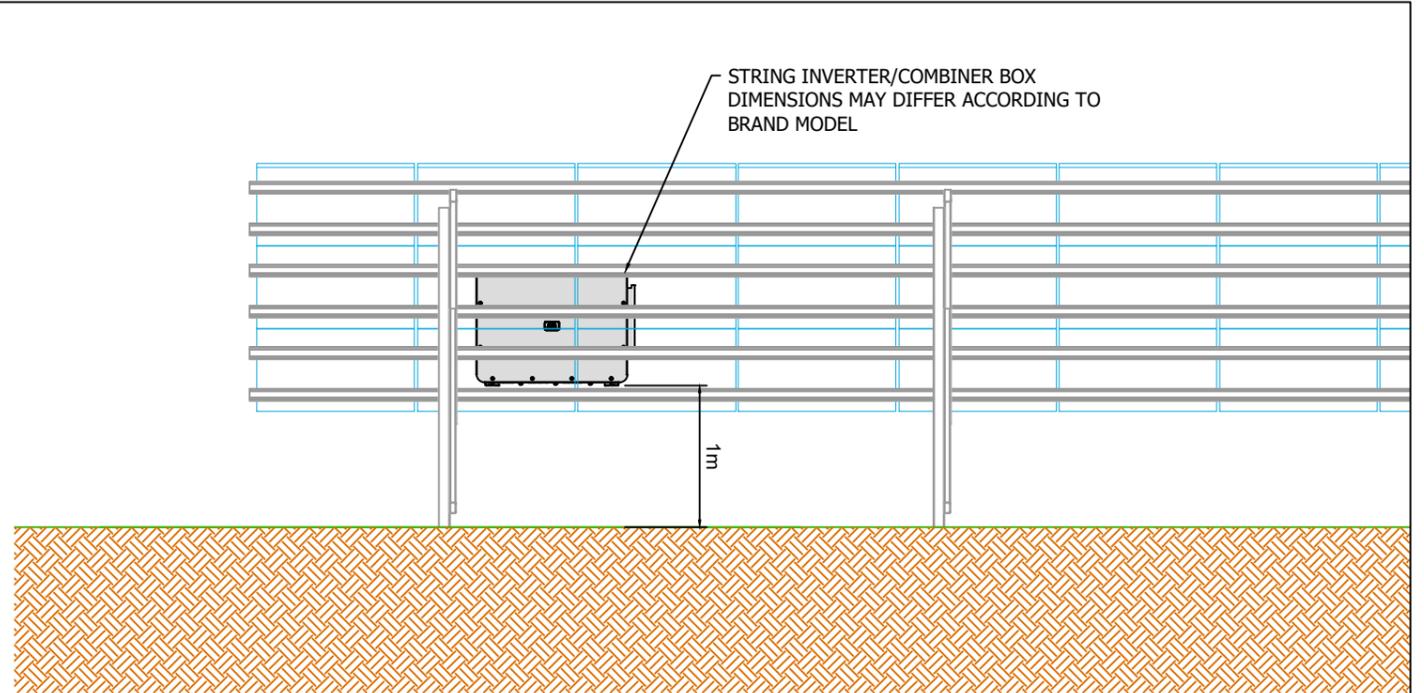
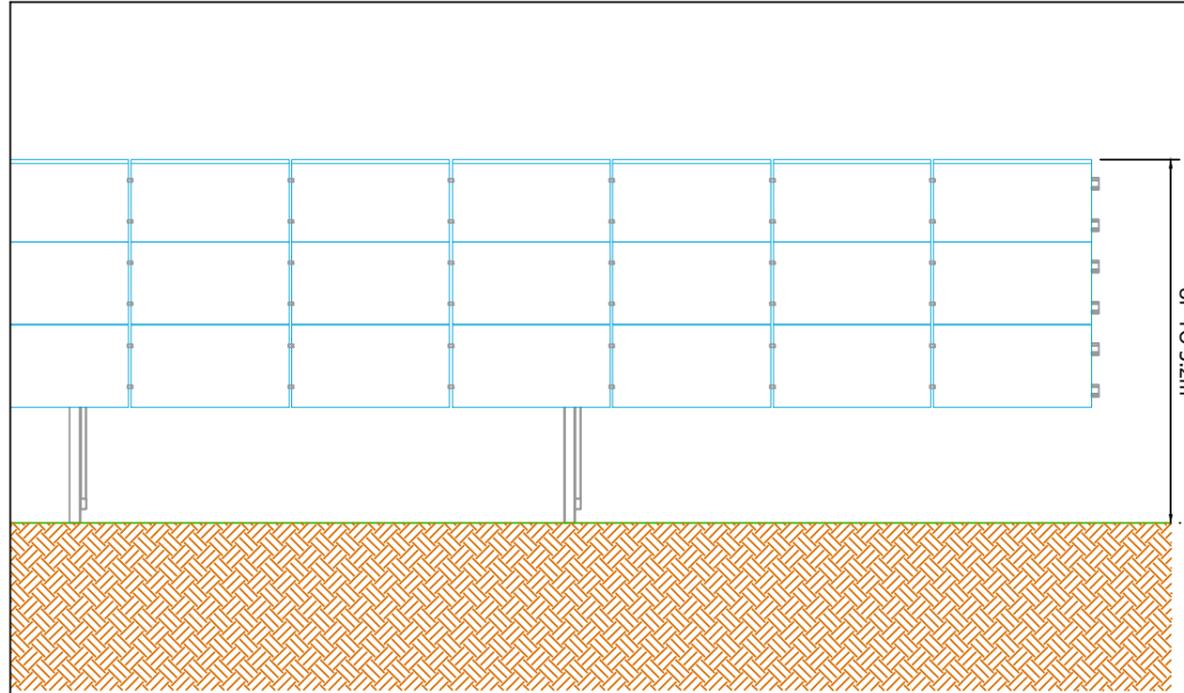


SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: JS
PROJECT: 0733745	CHECKED: JH
DATE: 5/28/2025	APPROVED: RO

**Springfield Solar Farm and BESS**  
**Figure 3.1**  
**Site Layout Plan**

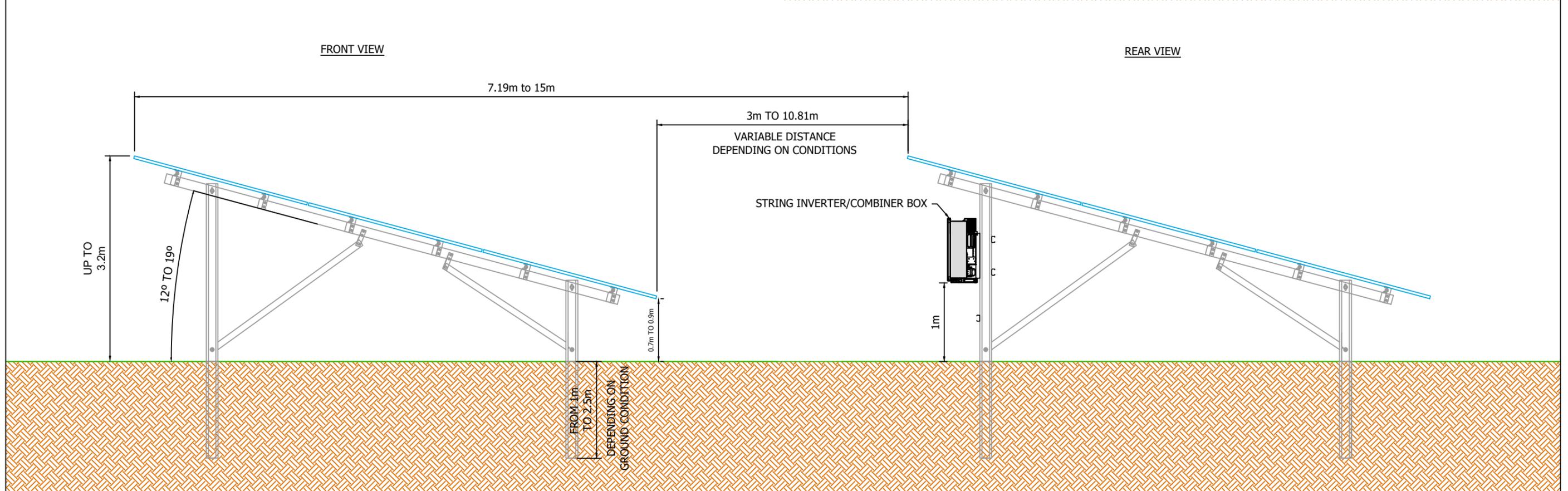


PROJECTION: British National Grid



FRONT VIEW

REAR VIEW



SIDE VIEW



Rev.	Date	Description	By	Chk

PROJECT TITLE:  
**SPRINGFIELD SOLAR BESS EIAR**

CLIENT:

DRAWING TITLE:  
**FIGURE 3.2 PV STRUCTURE DETAILS**

DESIGNED: -	DRAWN: SM	APPROVED: RC
INTERNAL PROJECT NUMBER: 0733745		
SCALE @ A3: 1 : 50	APPROVED DATE: 12.03.25	DRAWING NUMBER: DR_P_0008
Environmental Resources Management		

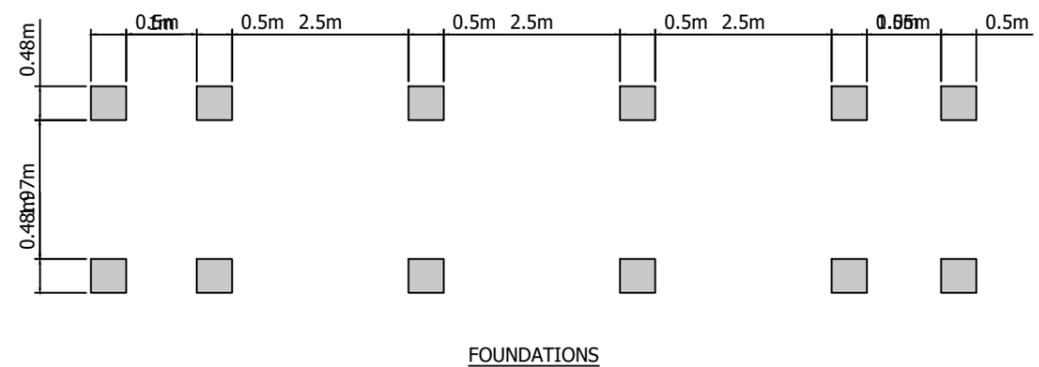
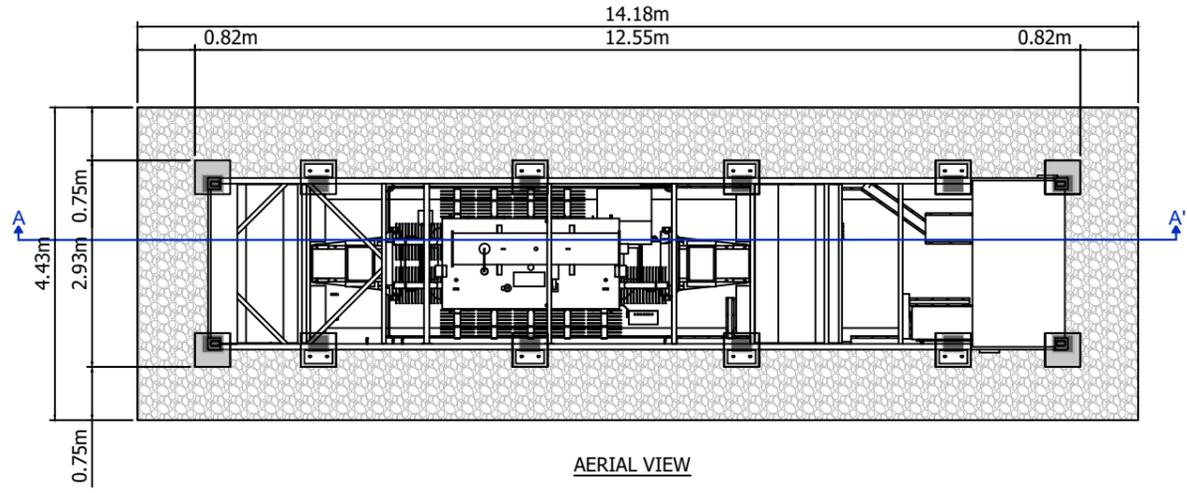
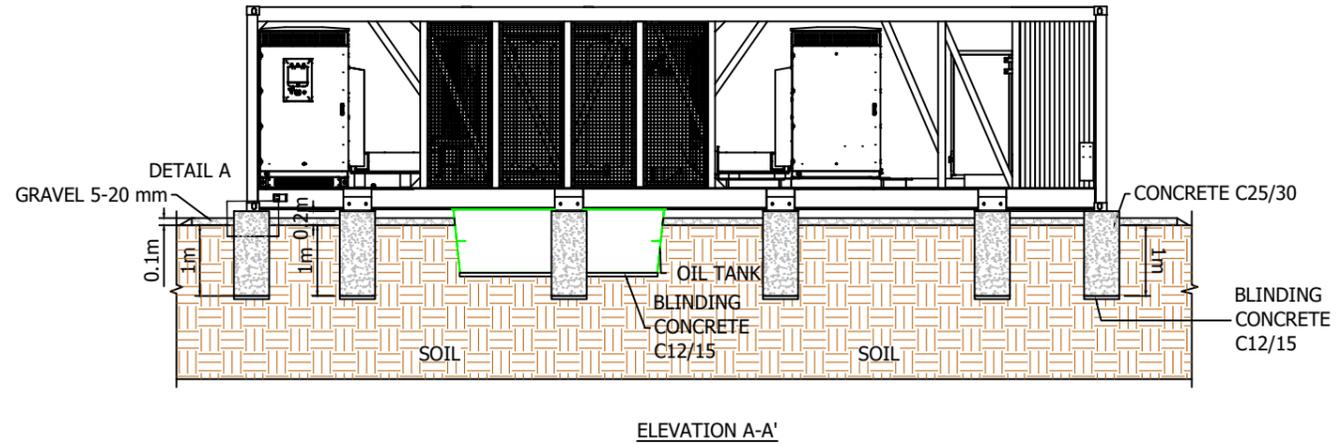
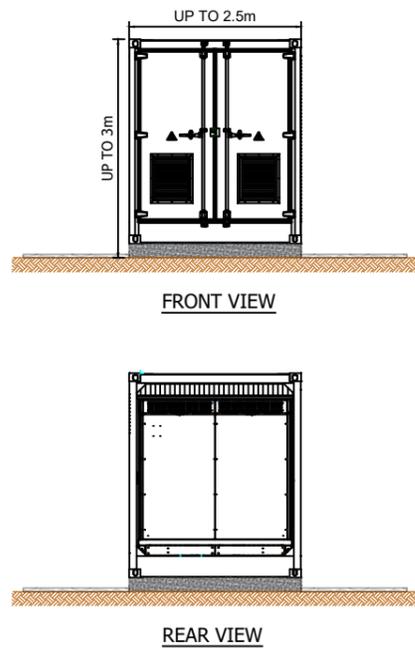
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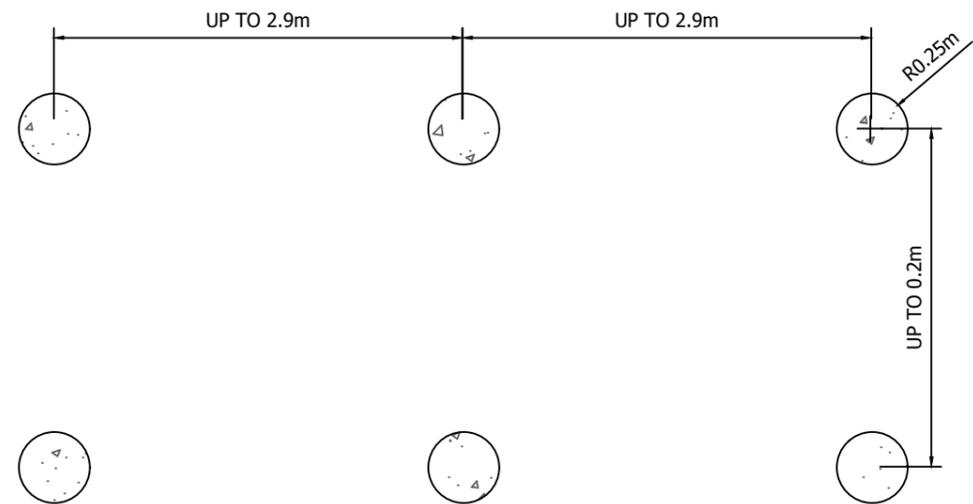
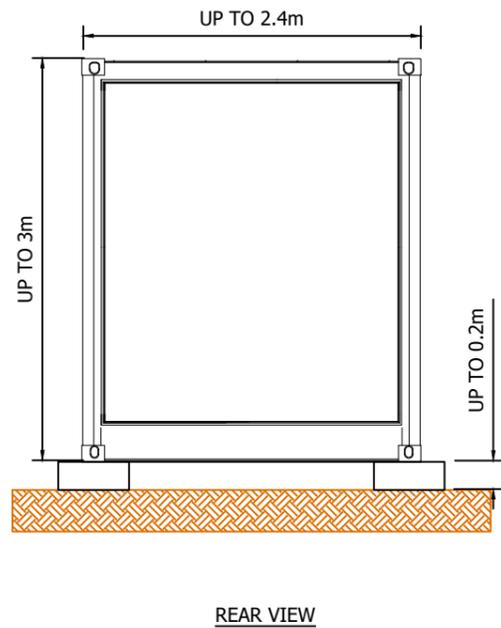
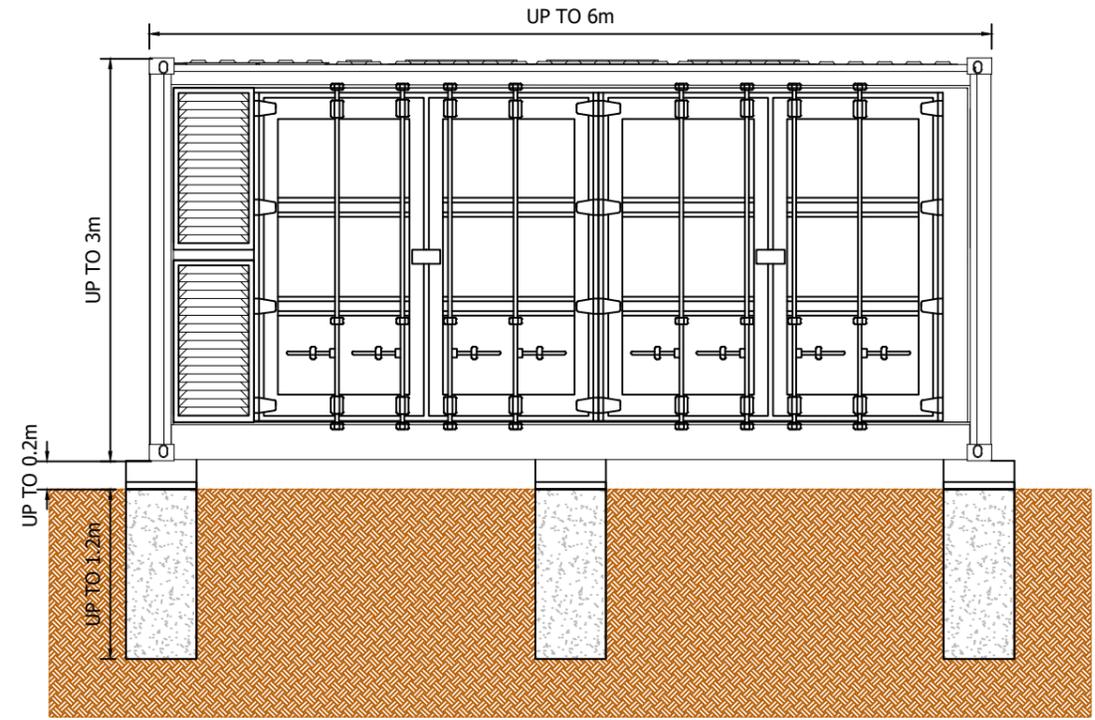
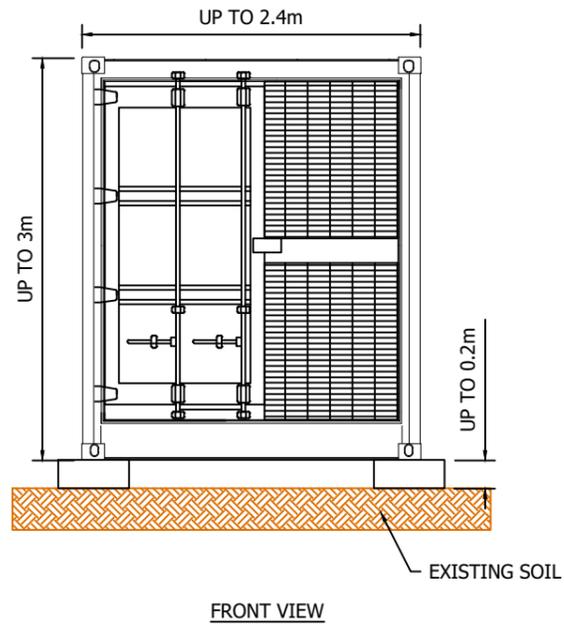


Y:\CAD\0733745\_Springfield\01-Drawings\BESS EIAR\0733745\_DR\_P\_0008 - PV Structure Details.dwg

Y:\CAD\0733745\_Springfield\01-Working\01-Drawings\BESS EIA\0733745\_DR\_P\_0009 - Transformer-Inverter Unit Details.dwg



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					<b>SPRINGFIELD SOLAR BESS EIA</b>	<b>FIGURE 3.3 CENTRAL INVERTER DETAILS</b>	-	SM	RC		
					CLIENT: 		INTERNAL PROJECT NUMBER: <b>0733745</b>		DRAWING NUMBER: DR_P_0009		
							SCALE @ A3: 1 : 100	APPROVED DATE: 12.03.25	REVISION: -		
							<b>Environmental Resources Management</b>				



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PROJECT TITLE:  
**SPRINGFIELD SOLAR  
BESS EIAR**

CLIENT:

DRAWING TITLE:  
**FIGURE 3.4  
BATTERY CONTAINER  
DETAIL**

DESIGNED: -	DRAWN: SM	APPROVED: RC
INTERNAL PROJECT NUMBER: 0733745		
SCALE @ A3: 1 : 50	APPROVED DATE: 17.03.25	DRAWING NUMBER: DR_P_0004
Environmental Resources Management		

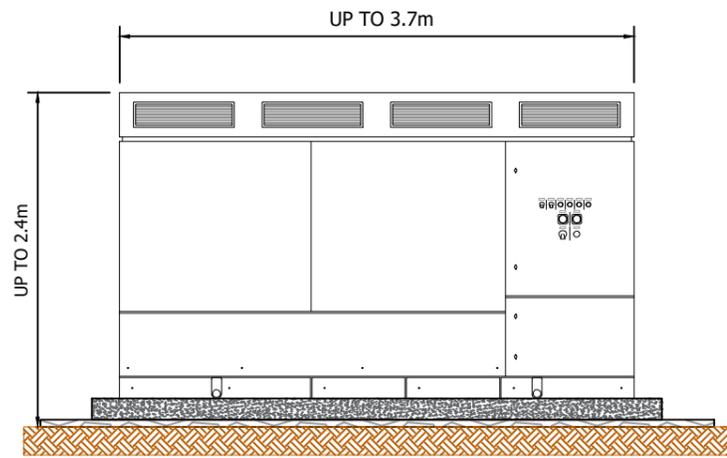
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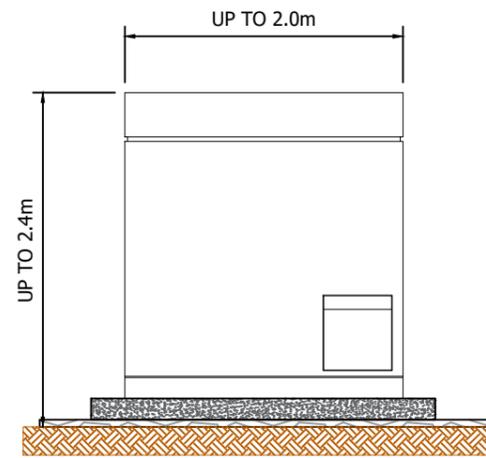


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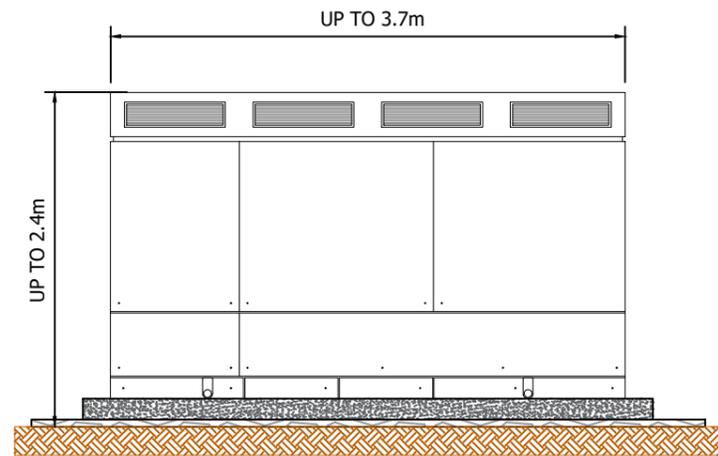
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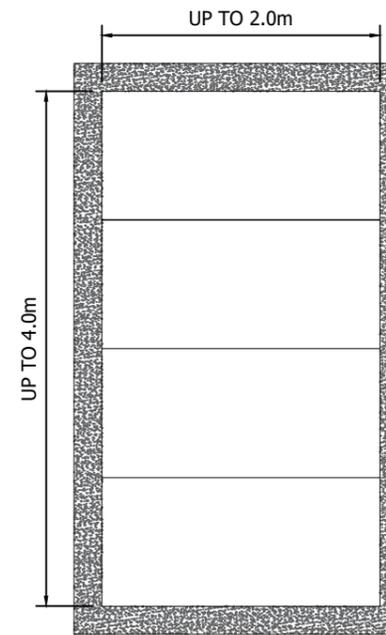
FRONT VIEW



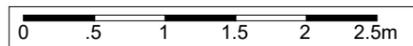
SIDE VIEW



REAR VIEW



TOP VIEW



Rev.	Date	Description	By	Chk

PROJECT TITLE:  
**SPRINGFIELD SOLAR  
BESS EIA**

CLIENT:  


DRAWING TITLE:  
**FIGURE 3.5  
POWER CONTROL  
SYSTEM DETAILS**

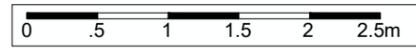
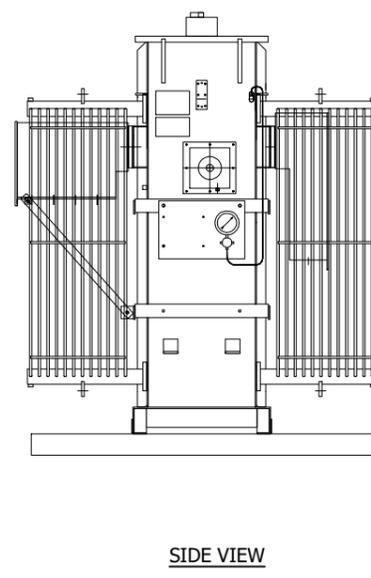
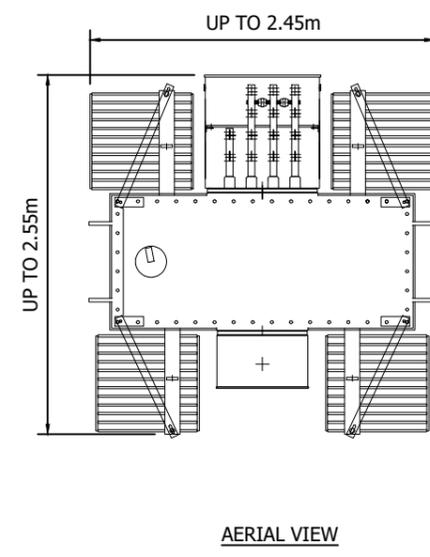
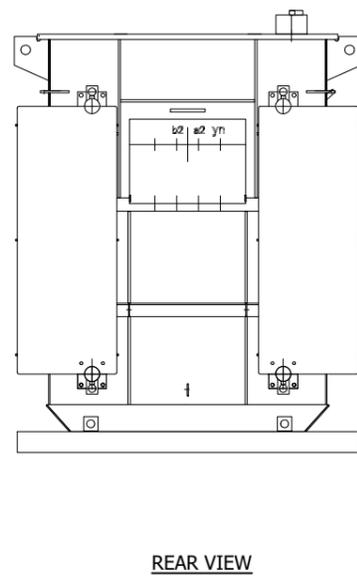
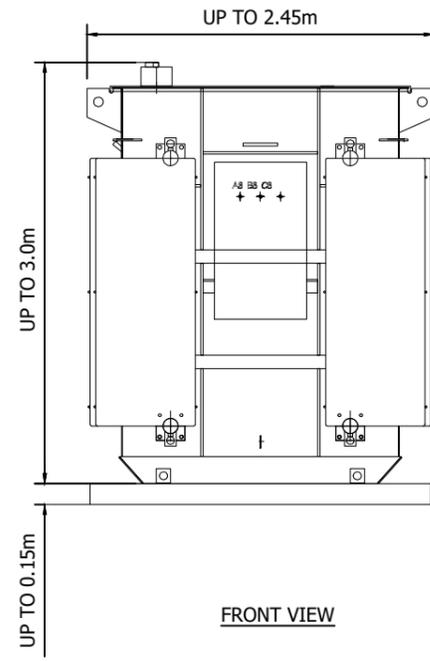
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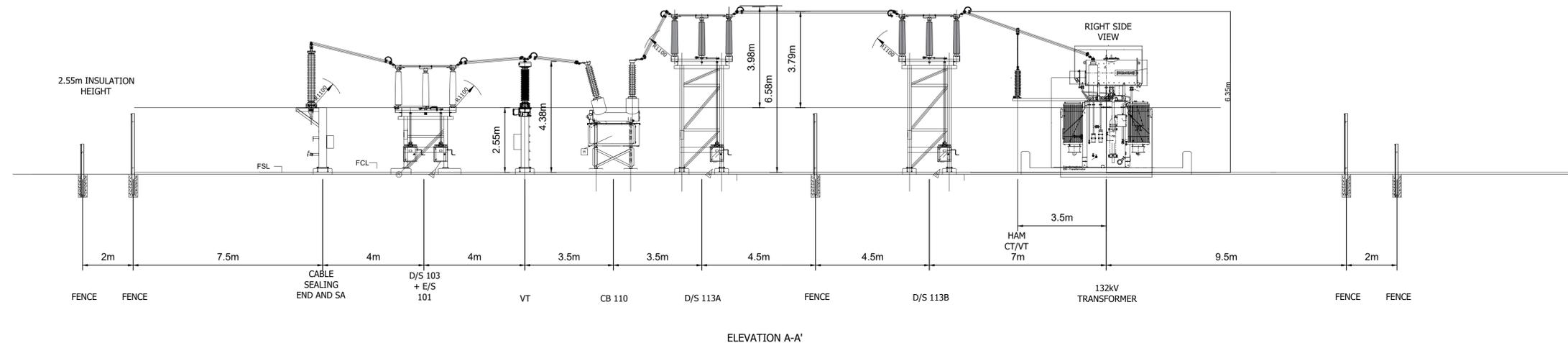
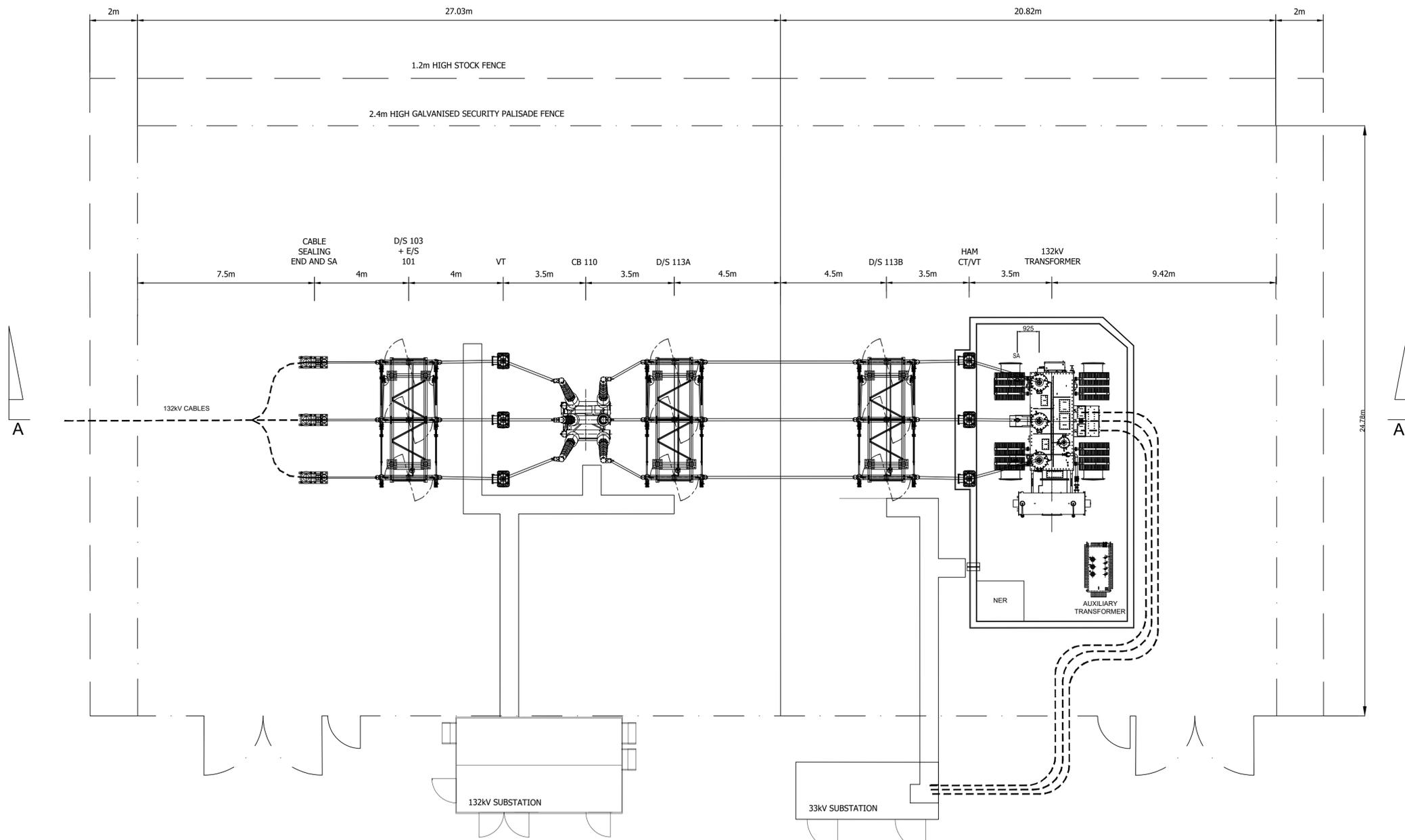
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					<b>SPRINGFIELD SOLAR BESS EIA</b>	<b>FIGURE 3.6 MV TRANSFORMER DETAILS</b>	-	SM	RC	
					CLIENT:		INTERNAL PROJECT NUMBER: <b>0733745</b>			
							SCALE @ A3: 1 : 50	APPROVED DATE: 17.03.25	DRAWING NUMBER: DR_P_0005	
Environmental Resources Management										



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CLIENT:	

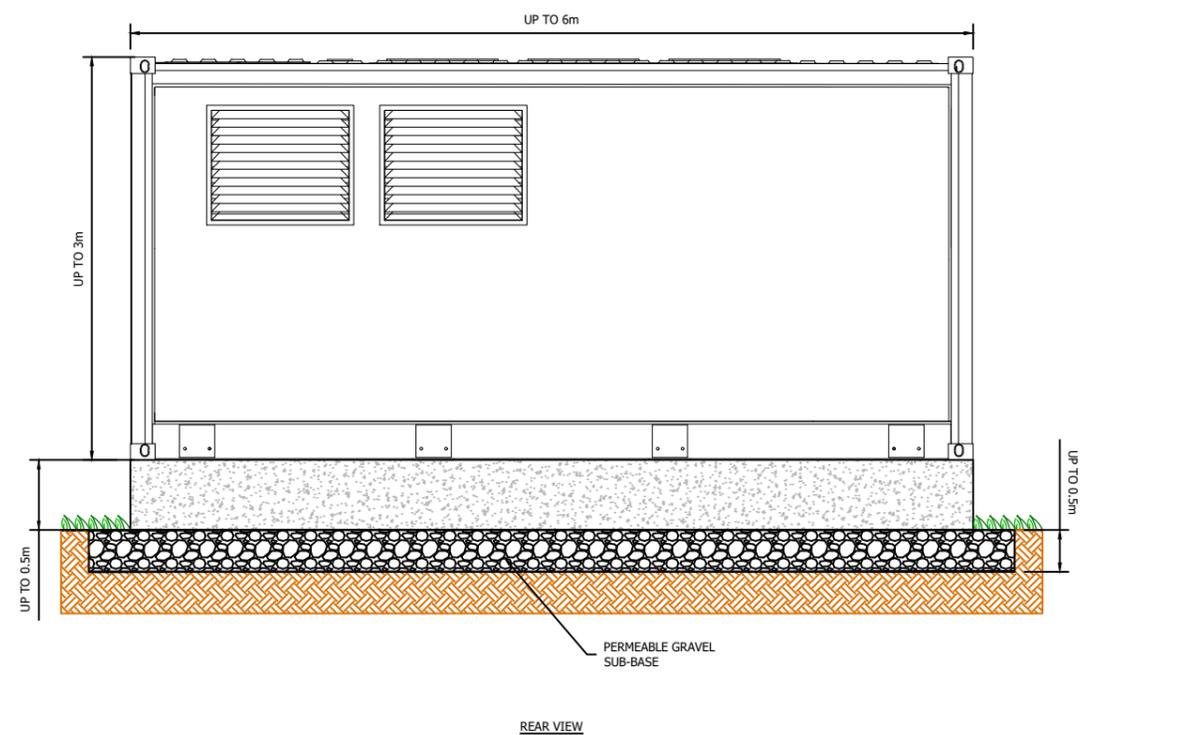
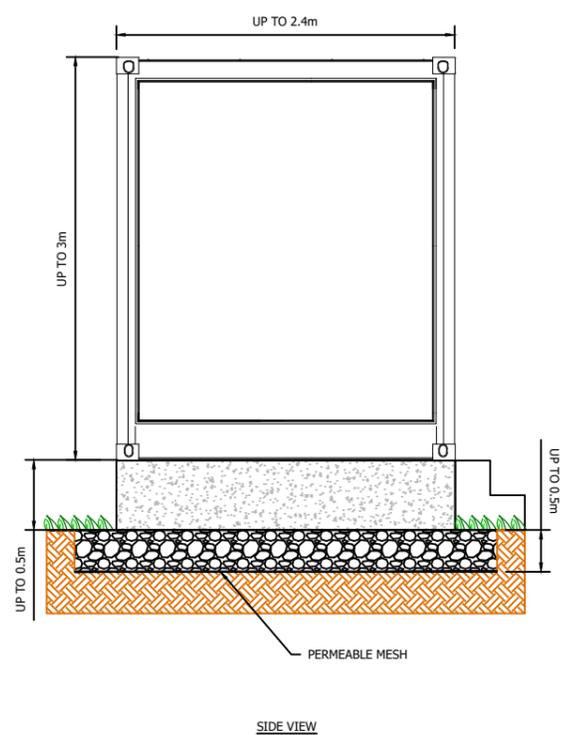
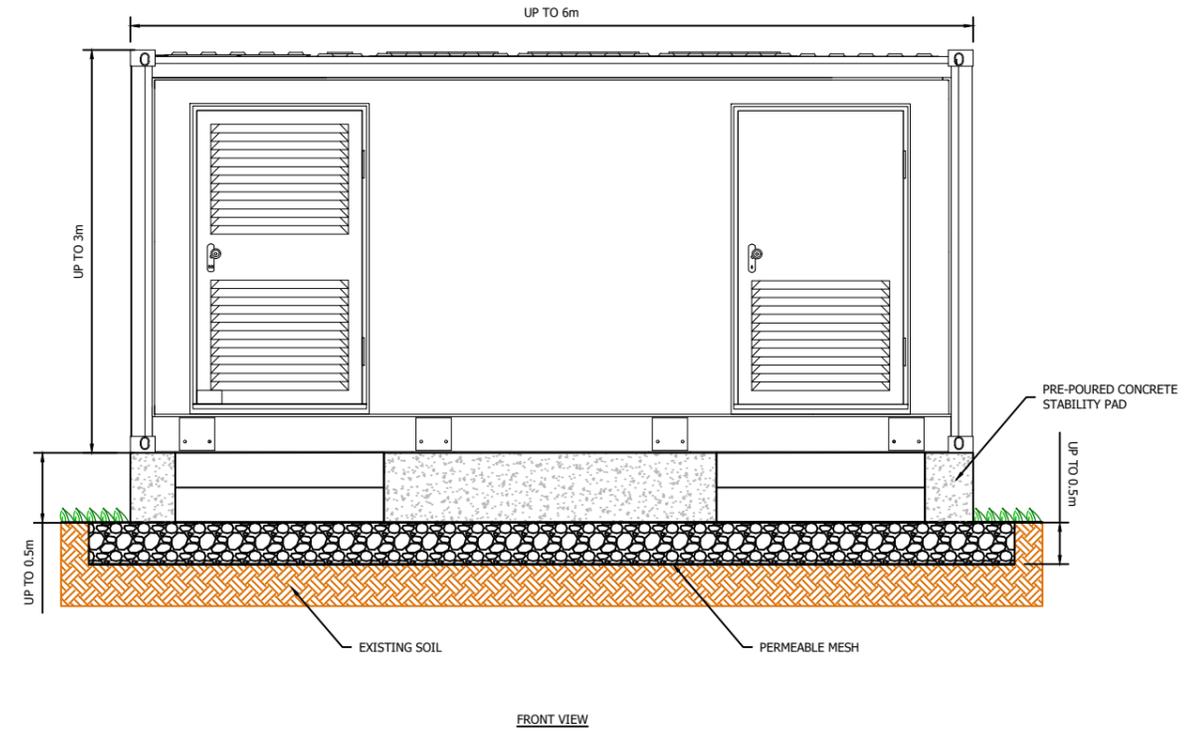
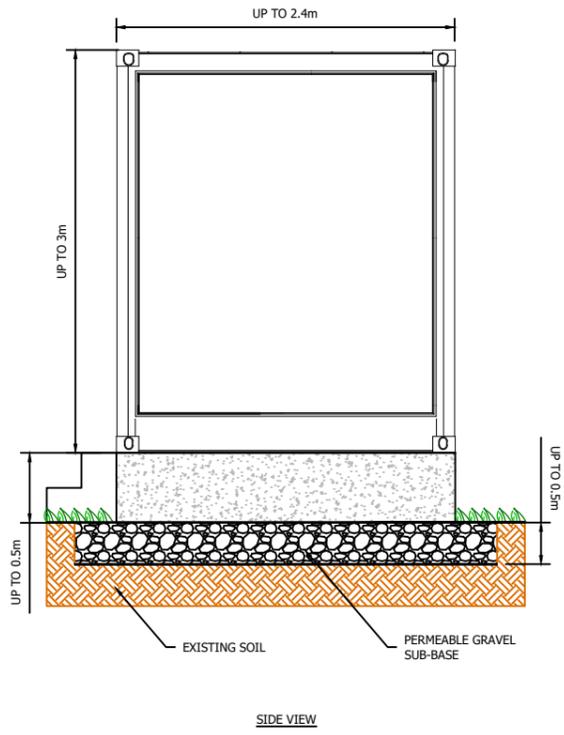
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-	SM	RC
INTERNAL PROJECT NUMBER: 0733745		
SCALE @ A1:	APPROVED DATE:	DRAWING NUMBER:
1 : 100	12.05.25	DR_P_0016
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FIGURE 3.7  
CUSTOMER SUBSTATION  
DETAIL

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Environmental Resources Management





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**SPRINGFIELD SOLAR  
BESS EIAR**

CLIENT:

DRAWING TITLE:  
**FIGURE 3.8  
33kV CUSTOMER  
SUBSTATION DETAILS**

DESIGNED: -	DRAWN: SM	APPROVED: RC
INTERNAL PROJECT NUMBER: 0733745		
SCALE @ A3: 1 : 50	APPROVED DATE: 13.03.25	

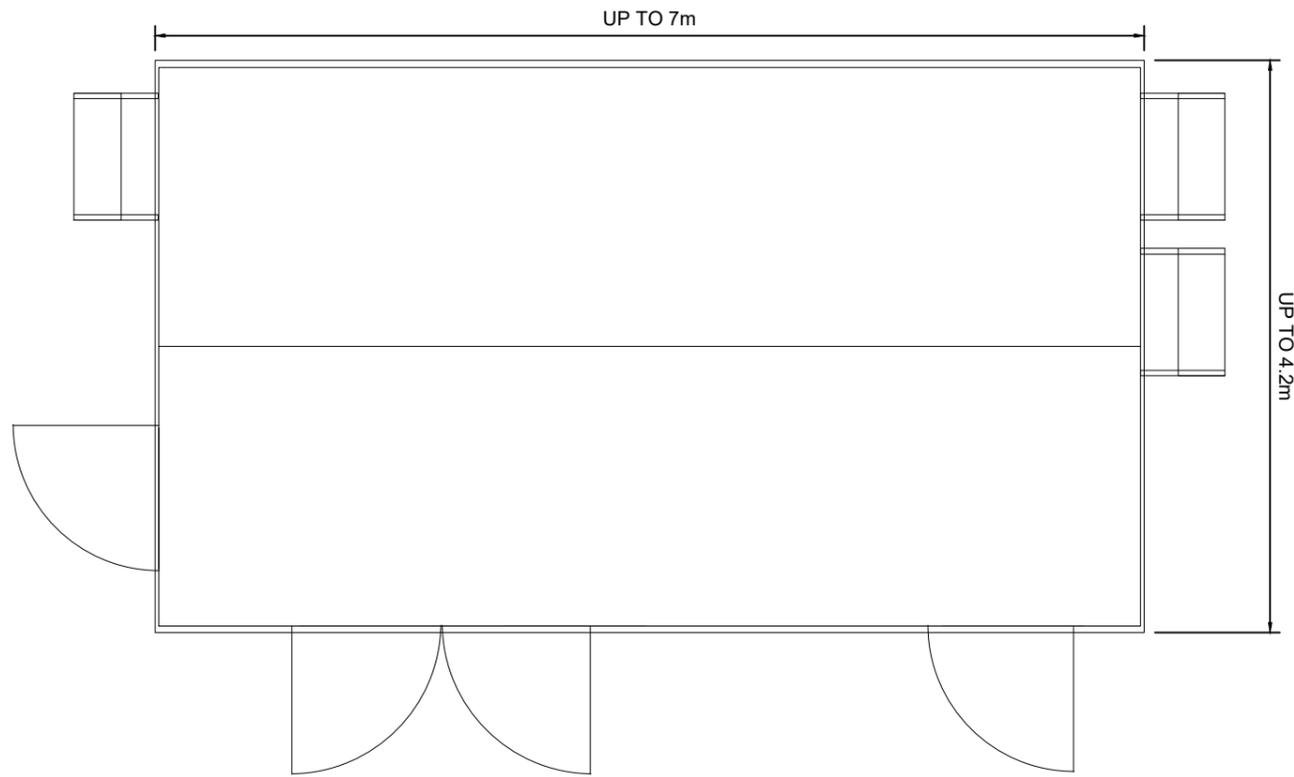
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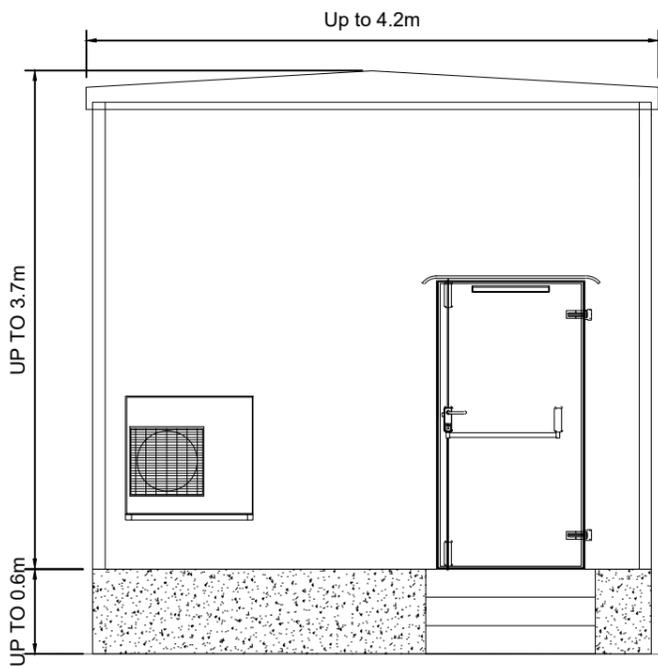
Environmental Resources Management



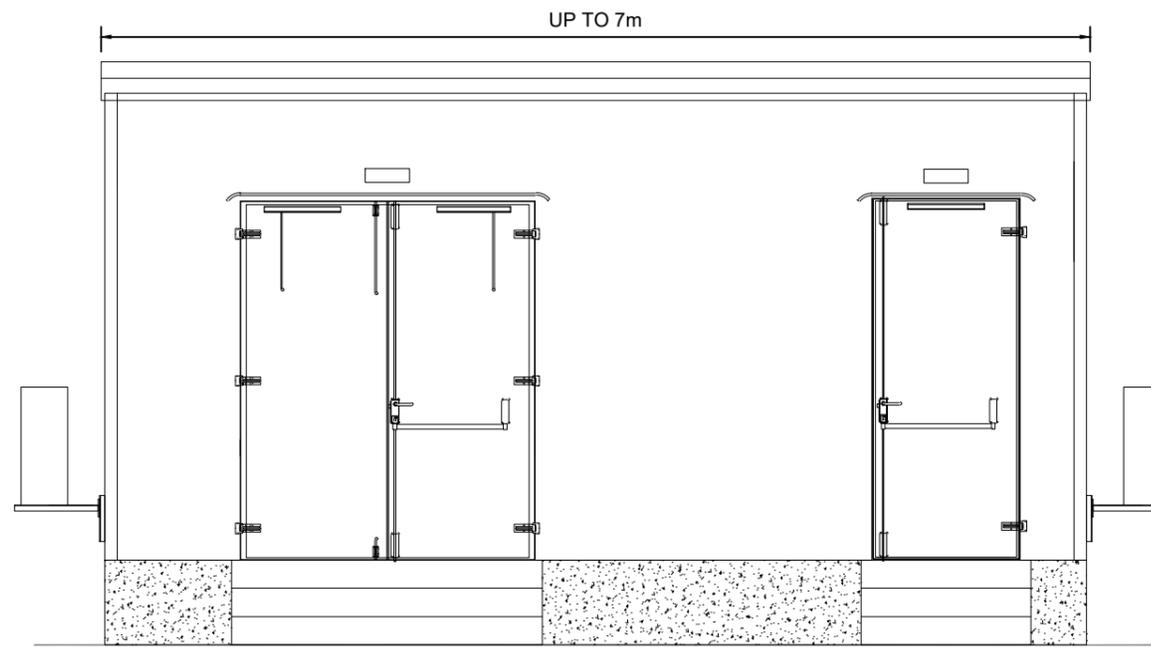
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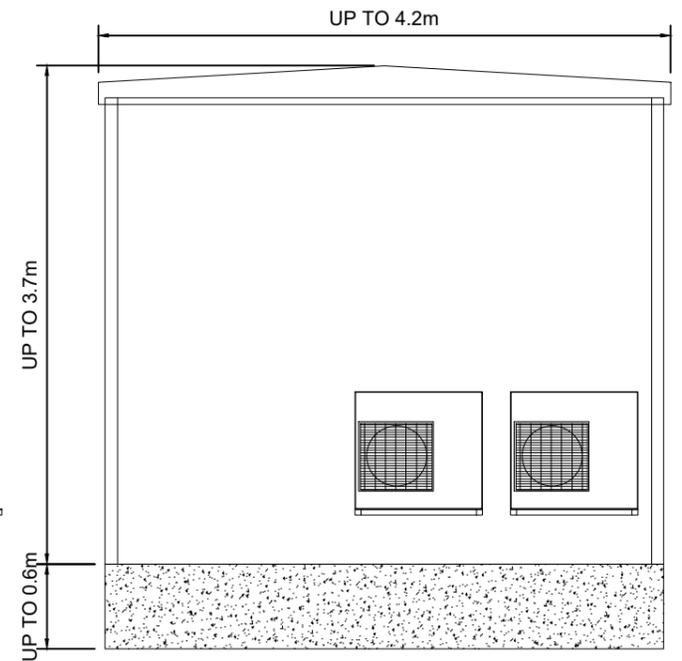
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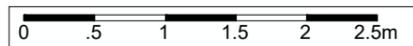
SIDE ELEVATION (LEFT)



FRONT ELEVATION



SIDE ELEVATION (RIGHT)



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PROJECT TITLE:  
**SPRINGFIELD SOLAR  
 BESS EIAR**

CLIENT:

DRAWING TITLE:  
**FIGURE 3.9  
 132 kV Customer  
 SUBSTATION DETAILS**

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INTERNAL PROJECT NUMBER: 0733745		
SCALE @ A3: 1 : 50	APPROVED DATE: 12.03.25	

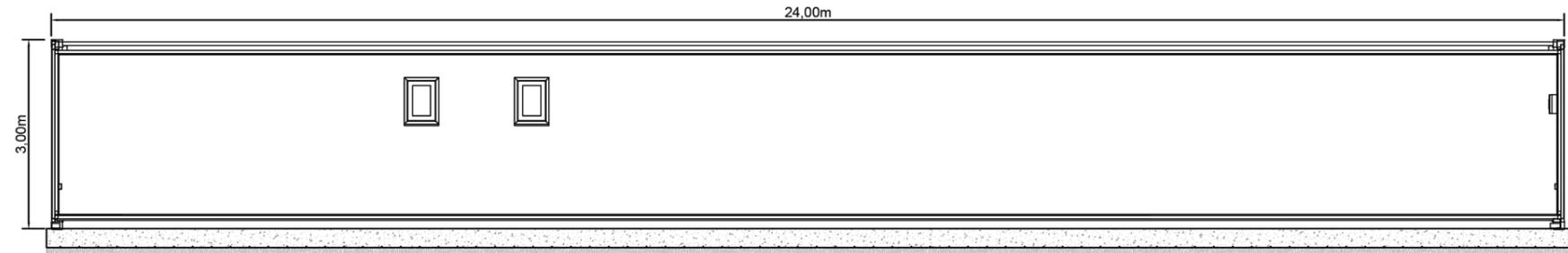
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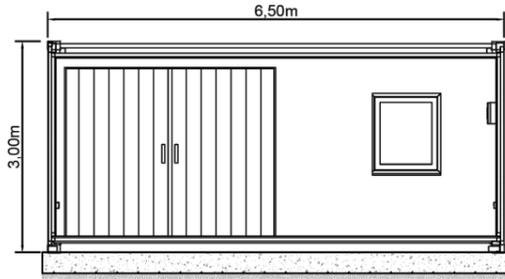
Environmental Resources Management



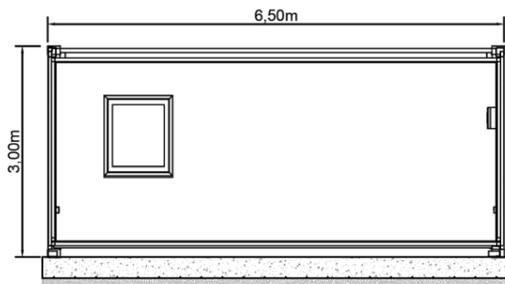
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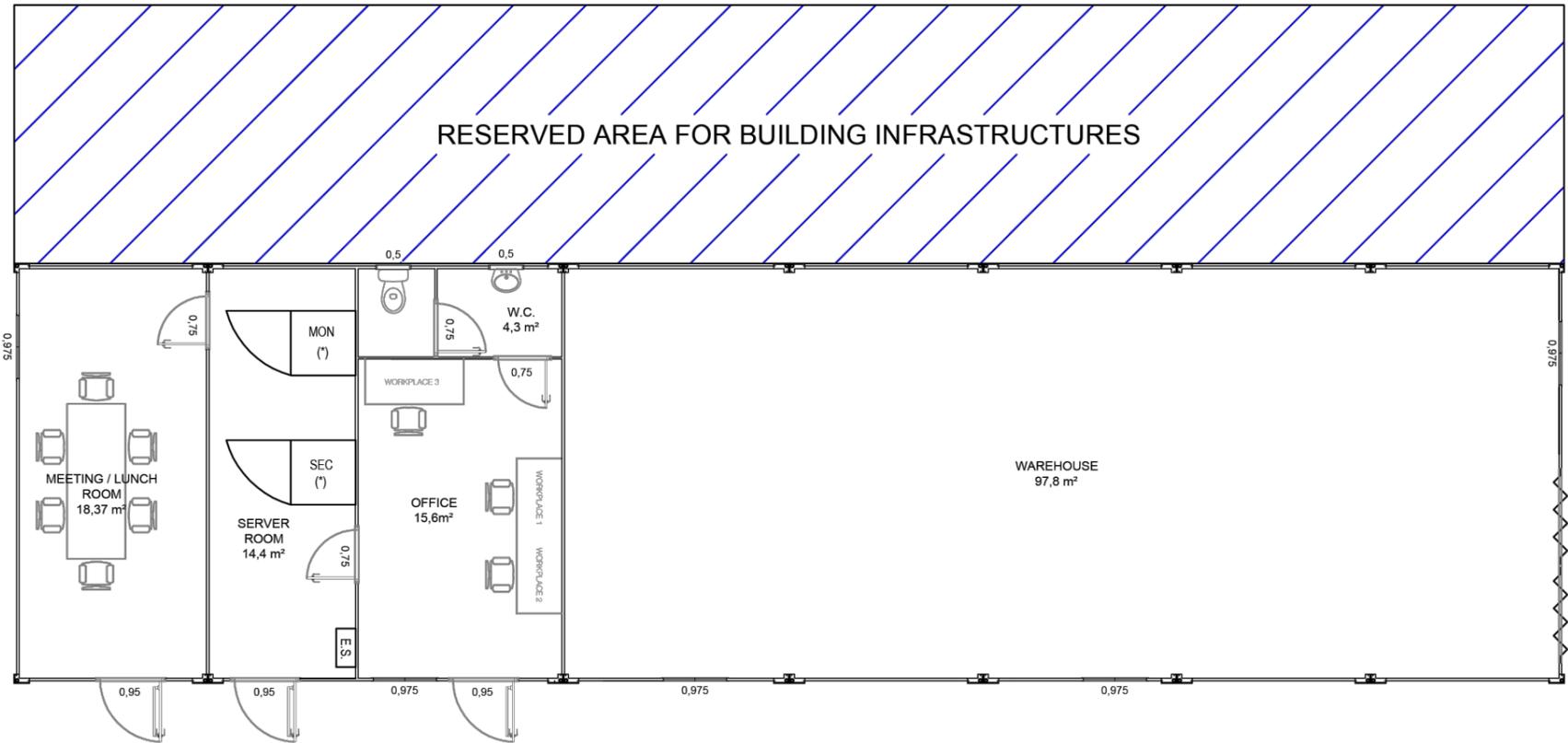
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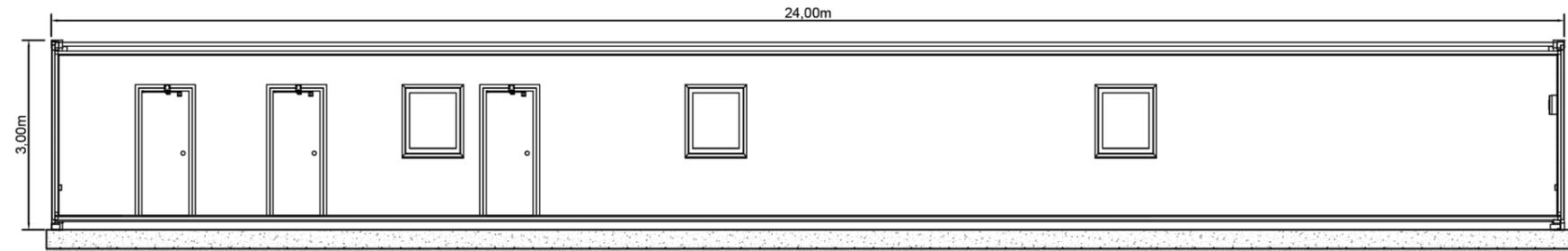
RIGHT SIDE VIEW



LEFT SIDE VIEW



PLANT



FRONT VIEW



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PROJECT TITLE:  
**SPRINGFIELD SOLAR  
BESS EIAR**

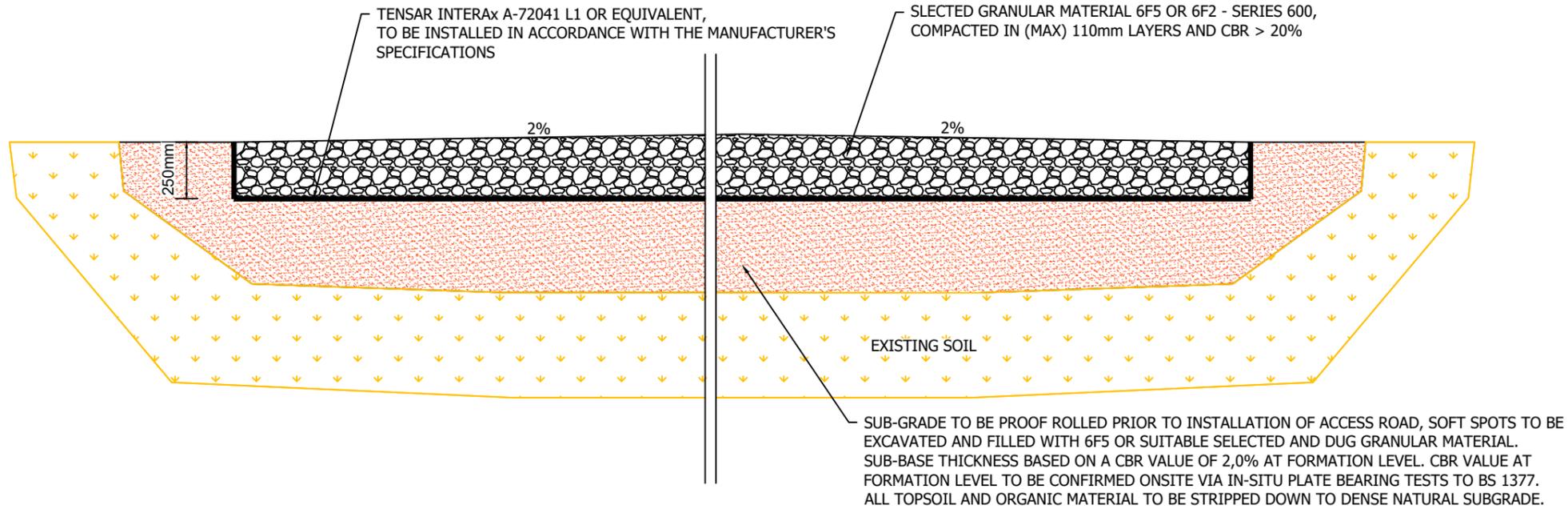
CLIENT:

DRAWING TITLE:  
**FIGURE 3.10  
O&M BUILDING  
DETAILS**

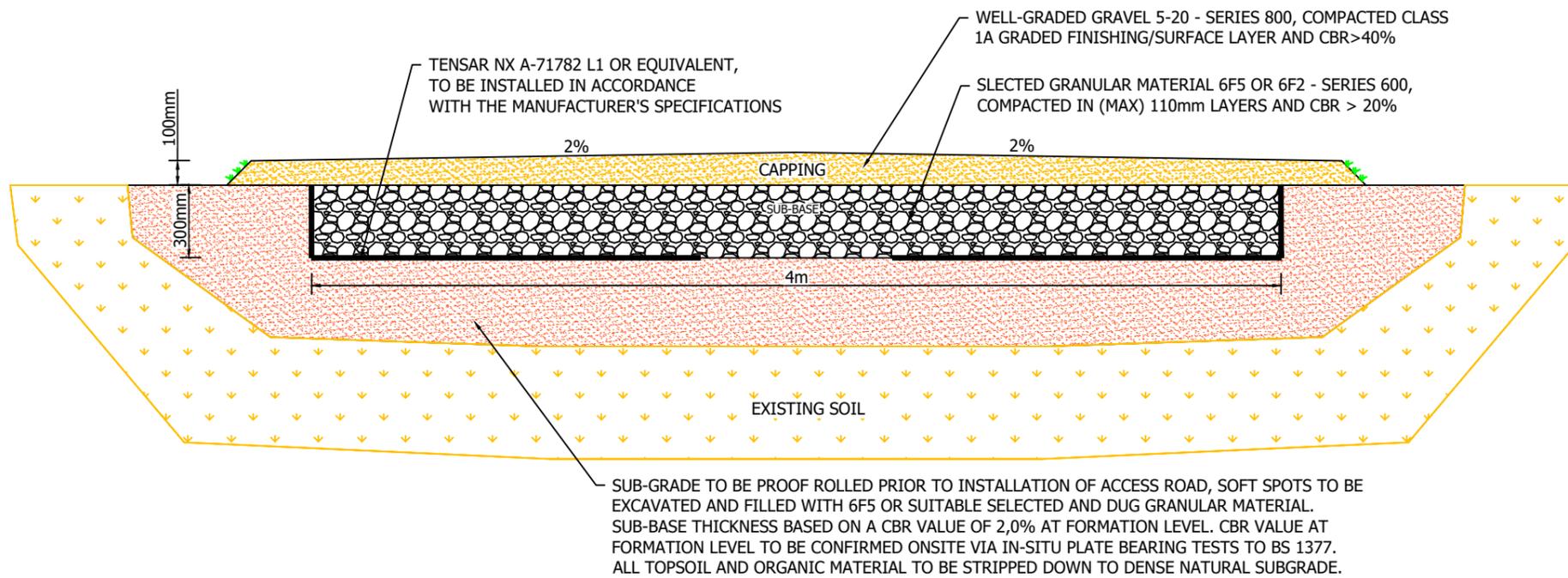
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SCALE @ A3: 1 : 100	APPROVED DATE: 13.03.23	DRAWING NUMBER: DR_P_0019	REVISION: -
<b>Environmental Resources Management</b>			



**COMPOUND AREA CROSS SECTION**



**PATHWAY TYPICAL CROSS SECTION  
INTERNAL AND EXTERNAL ROADS**



Rev.	Date	Description	By	Chk

PROJECT TITLE:  
**SPRINGFIELD SOLAR  
BESS EIAR**

CLIENT:

DRAWING TITLE:  
**FIGURE 3.11  
TRACK DETAILS**

DESIGNED: -	DRAWN: SM	APPROVED: RC
INTERNAL PROJECT NUMBER: <b>0733745</b>		
SCALE @ A3: 1 : 25	APPROVED DATE: 13.03.23	

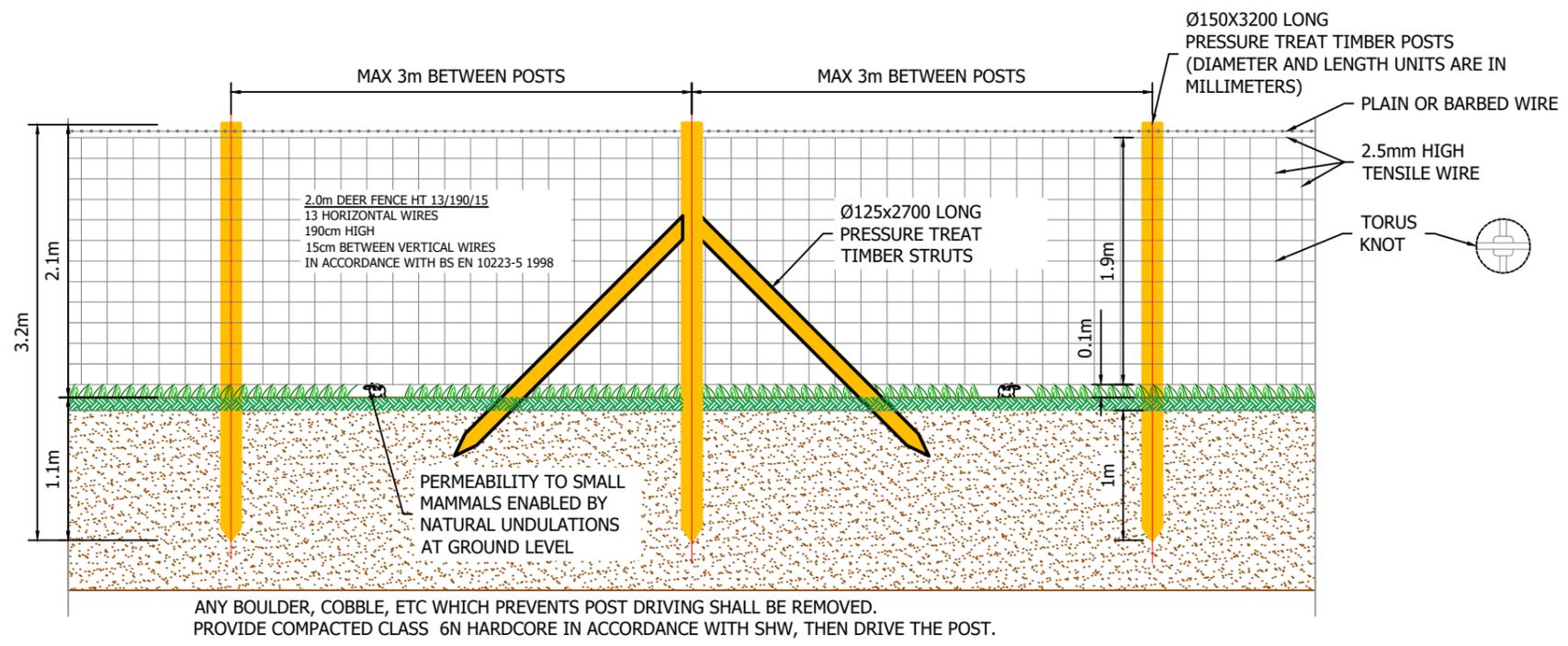
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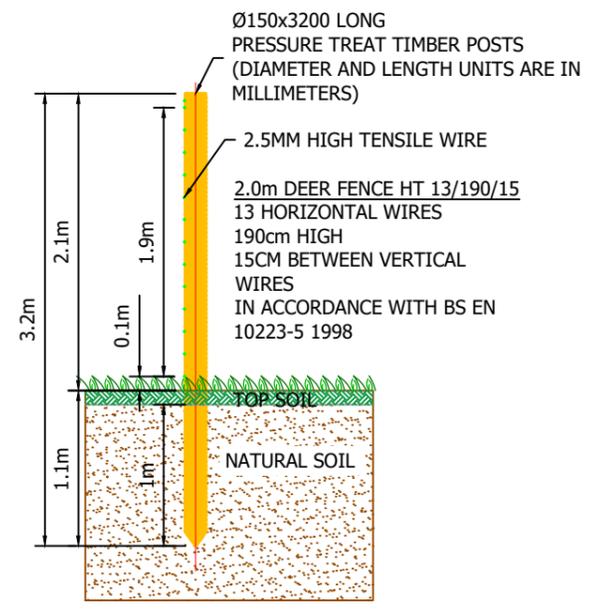
**Environmental Resources Management**



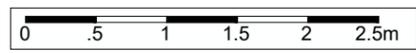
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FENCE ELEVATION



FENCE CROSS SECTION



Rev.	Date	Description	By	Chk

PROJECT TITLE:  
**SPRINGFIELD SOLAR  
 BESS EIAR**

CLIENT:

DRAWING TITLE:  
**FIGURE 3.12  
 FENCE DETAILS**

DESIGNED: -  
 DRAWN: SM  
 APPROVED: RC

INTERNAL PROJECT NUMBER:  
**0733745**

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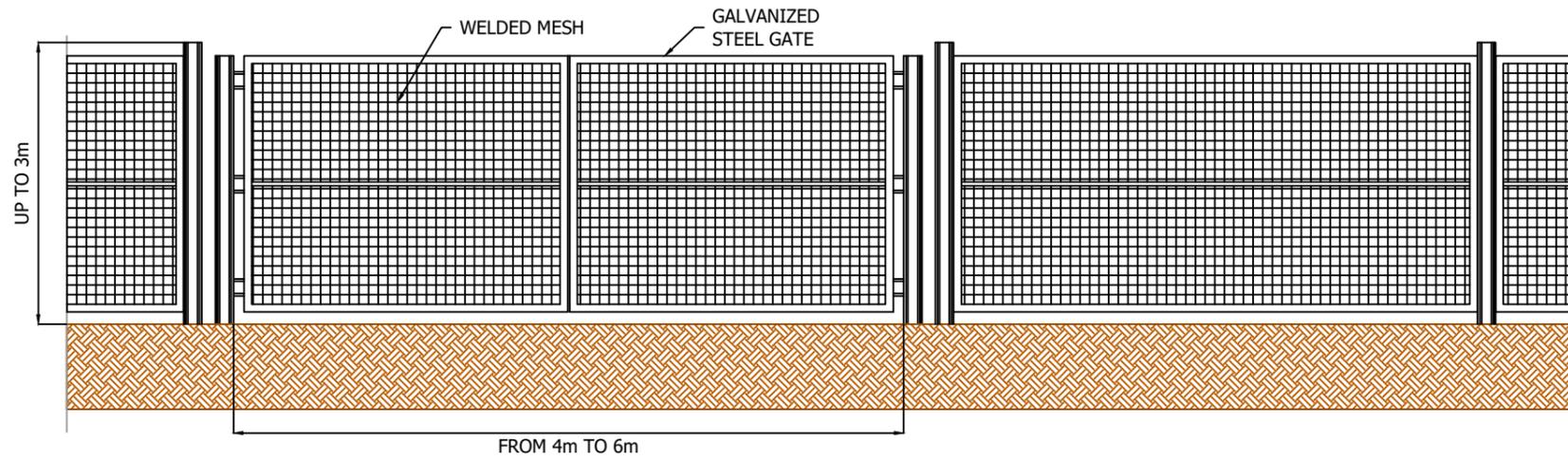
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**Environmental Resources Management**



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SECURITY FENCE



Rev.	Date	Description	By	Chk

PROJECT TITLE:  
**SPRINGFIELD SOLAR  
 BESS EIA**

CLIENT:

DRAWING TITLE:  
**FIGURE 3.13  
 SECURITY FENCE  
 DETAILS**

DESIGNED: -	DRAWN: SM	APPROVED: RC
INTERNAL PROJECT NUMBER: 0733745		
SCALE @ A3: 1 : 50	APPROVED DATE: 12.03.25	DRAWING NUMBER: DR_P_0012
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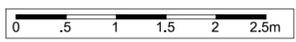
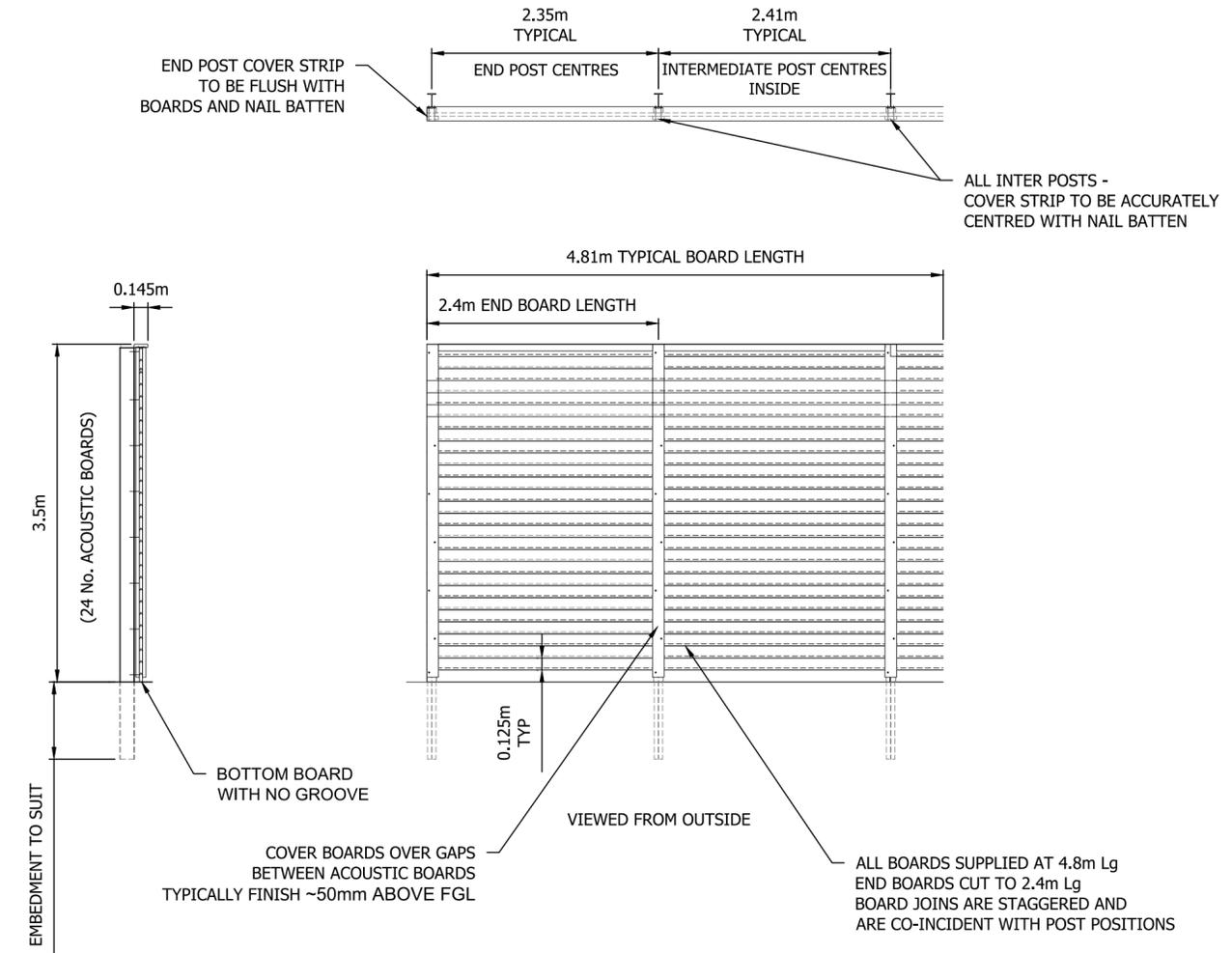
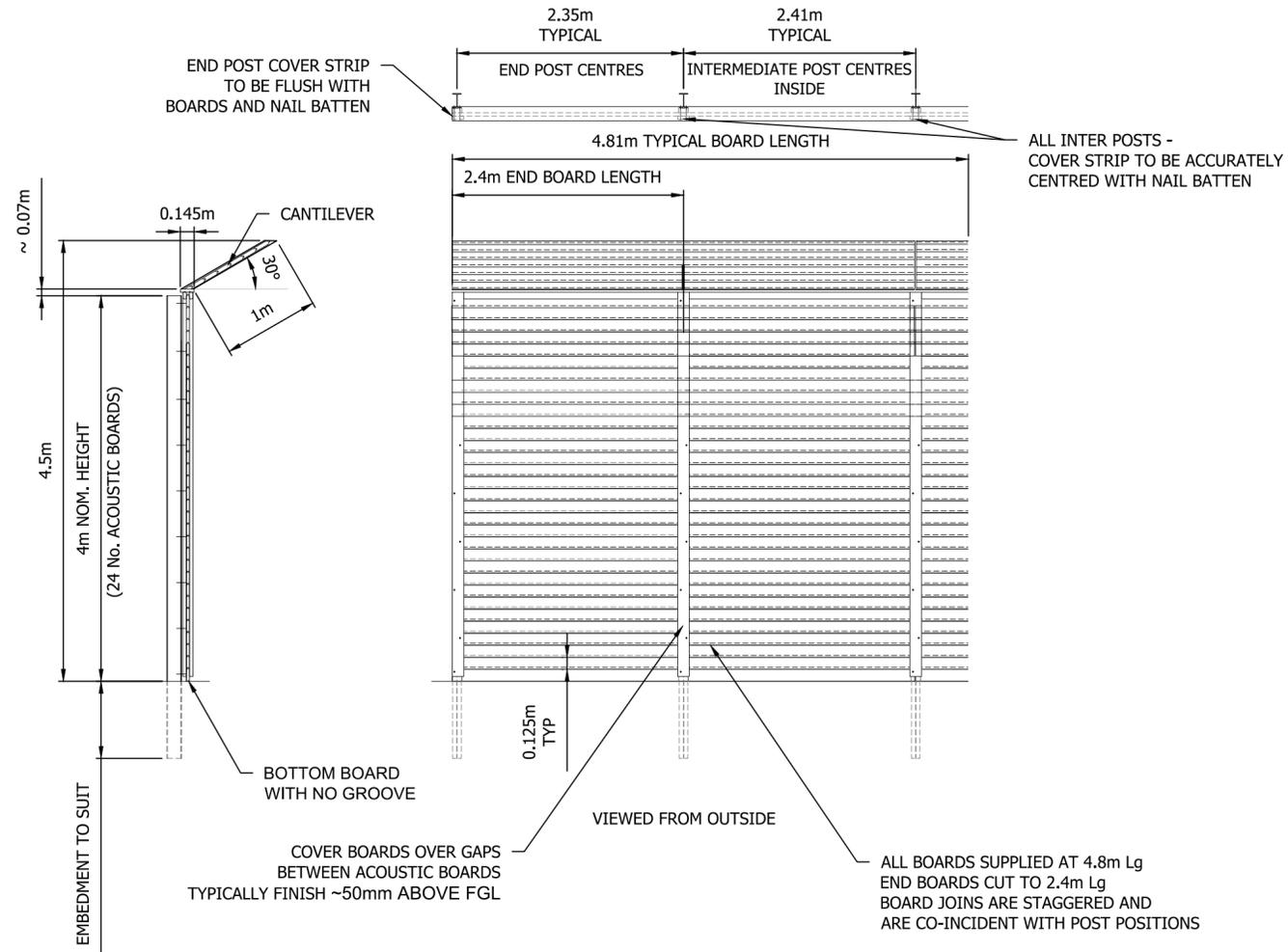
REVISION:  
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**CENTRAL INVERTER ACOUSTIC BARRIER**

**BESS COMPOUND ACOUSTIC BARRIER**



NOTES:

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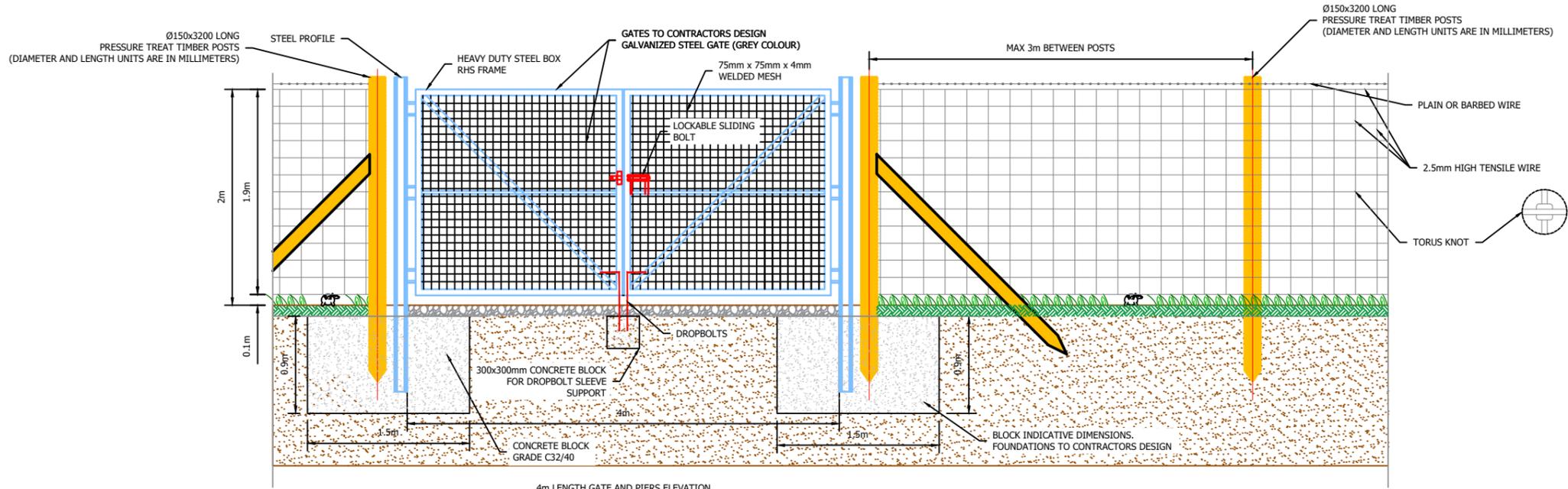
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**SPRINGFIELD SOLAR  
 BESS EJAR**

CLIENT:

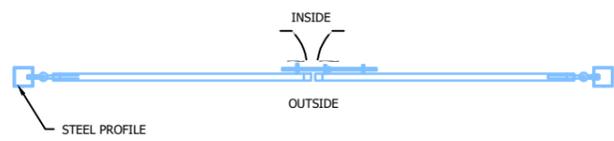
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**FIGURE 3.14  
 ACOUSTIC FENCING  
 DETAILS**

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SCALE @ A2: 1 : 50	APPROVED DATE: 20.05.2025	DRAWING NUMBER: DR_P_0020	REVISION: -
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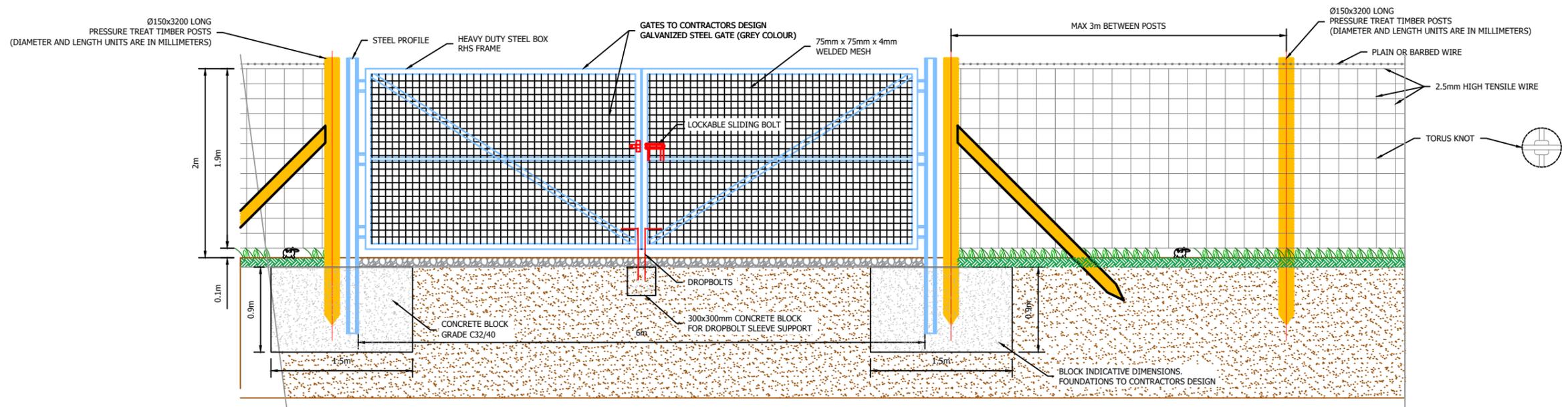




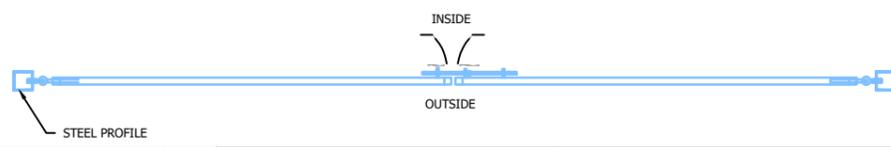
4m LENGTH GATE AND PIERS ELEVATION



GATE AND PIERS PLAN



6m LENGTH GATE AND PIERS ELEVATION



Rev.	Date	Description	By	Chk

PROJECT TITLE:  
**SPRINGFIELD SOLAR BESS EIAR**

CLIENT:

DRAWING TITLE:  
**FIGURE 3.15 GATE DETAILS**

DESIGNED: -  
 DRAWN: SM  
 APPROVED: RC

INTERNAL PROJECT NUMBER:  
**0733745**

SCALE @ A3: 1 : 50  
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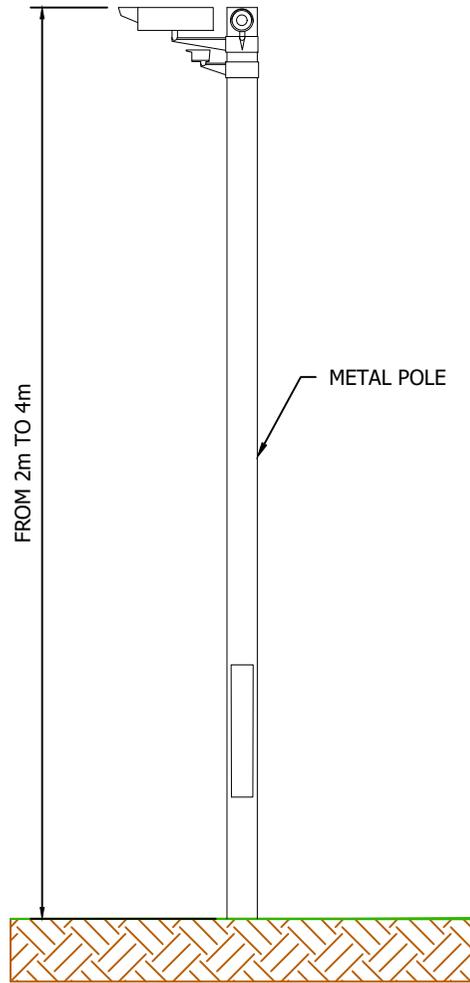
REVISION: -

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Y:\CAD\0733745\_Springfield\01-Drawings\BESS EIAR\0733745\_DR\_P\_0013 - Gate Details.dwg

Y:\CAD\0733745\_Springfield\01-Working\01\_01-Drawings\BESS E IAR\0733745\_DR\_P\_0010 - CCTV Details.dwg



PROJECT TITLE:  
**SPRINGFIELD SOLAR  
 BESS E IAR**

DRAWING TITLE:  
**FIGURE 3.16  
 CCTV DETAILS**

CLIENT:  


DESIGNED: -	DRAWN: <b>SM</b>	APPROVED: <b>RC</b>
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INTERNAL PROJECT NUMBER:  
**0733745**

SCALE @ A4: <b>1 : 25</b>	APPROVED DATE: <b>12.03.25</b>
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