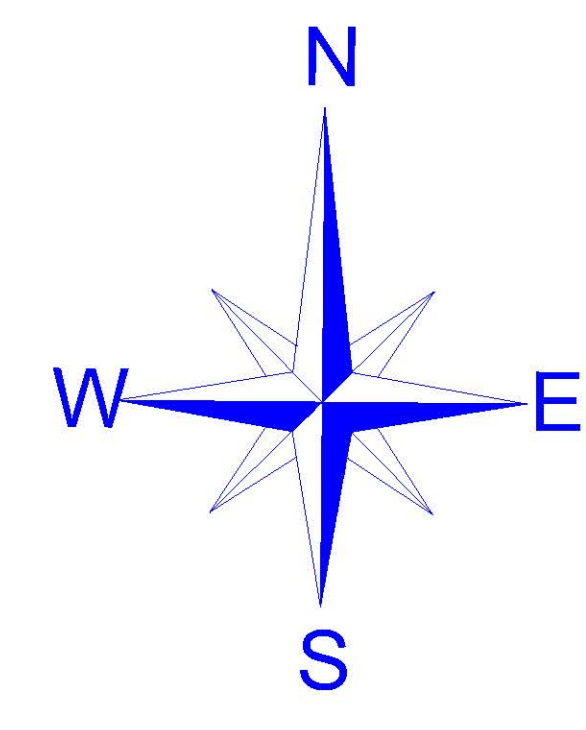
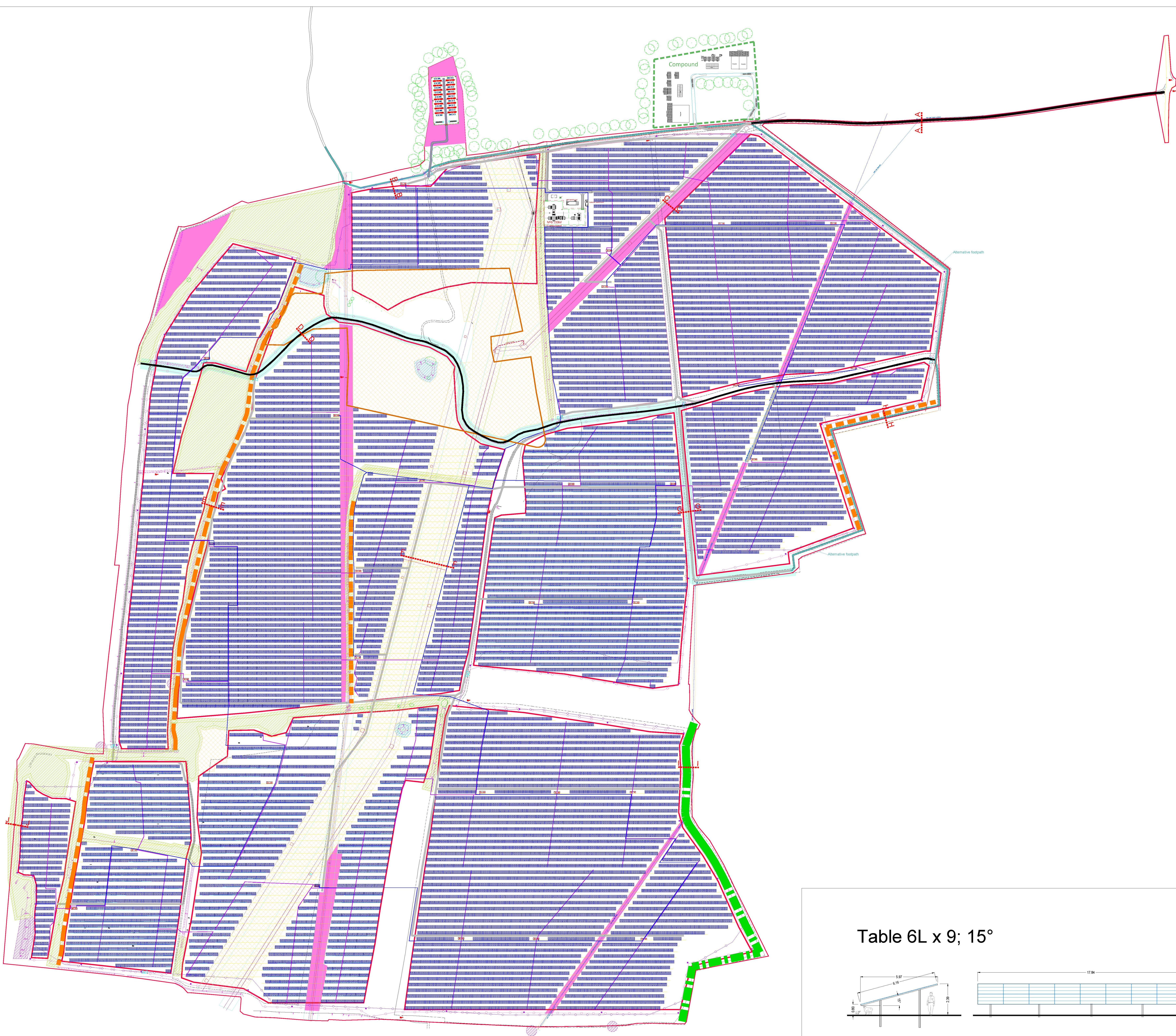


## **APPENDIX 4.1**

### **INDICATIVE DRAWING PACK**

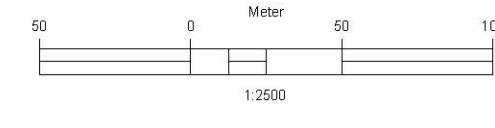




## Electrical design

### Station A

Inverter:  
AC-Combiner:  
Strings:  
Panels:



### Key

- Table
- Existing Access Track
- New Access Track
- Public Footpath (gap = 15,00m)
- Buffer Woodland (15,0m)
- Svales (Buffer 8,00m)
- Pond (Buffer 5,00m)
- Hedges (Buffer 5,00m)
- Badger Zone (Buffer 20,00m)
- Zone for Winter Birds : 22,5ha
- Zone for Arable Weeds / Species Rich Grasslands : 5,9ha
- Transformer Station
- Construction Area
- Exclusion Zone Archeological
- Fence
- Gate / Entrance
- Trench AC
- Trench MV
- CCTV
- Alternative Footpath
- 53ft Battery Container
- 40ft Flat Rack Skid
- 40ft Container

Regulations 2009 Document Paragraph Reference Number

Regulation 5(2)(o)

PROJECT NAME

**Little Crow Solar Park**

DRAWING  
Table layout

DRAWING  
A10B0C0

GEOGRAPHICAL SITE:

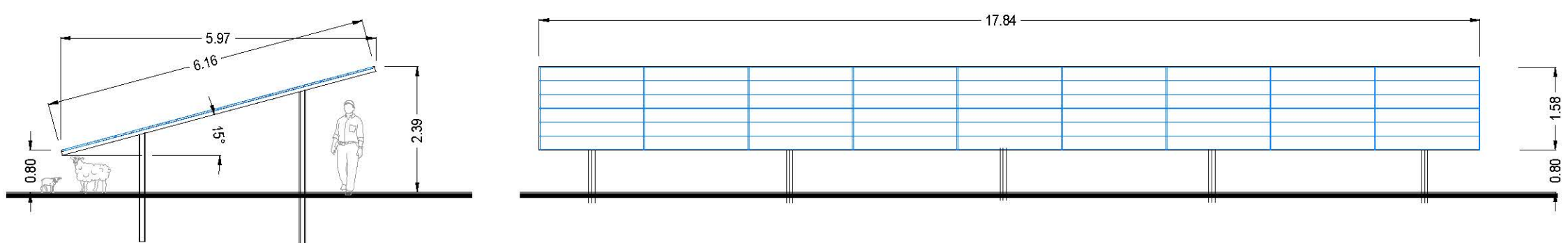
COORDINATES	53.5773° N	0.5786° W
NW/MSL	60.0m	
SUNANGLE	13.42°	
DATE	21.12.2017 / 12:00	

SITE SYSTEM:		CHANGE	
SYSTEMLAYOUT	6L x 9	6L x 5	
NUMBER OF TABLES	6.449 pc	345 pc	
PANEL ORIENTATION	Landscape		
NUMBER OF PANELS	357.561		

SITE TECHNOLOGY:		DRAW	
MODULE NAME			
MODULE SIZE			
MODULE POWER	380 W		
TYPE OF PANELS	POLY		
ANGLE OF PANELS	15°		
TABLESHADOW	1.0 m		
ROWDISTANCES			

SITE TOTAL POWER		Signature:	
DC POWER	135.87 MWp		
AC-POWER nom.			
AC-POWER max.			

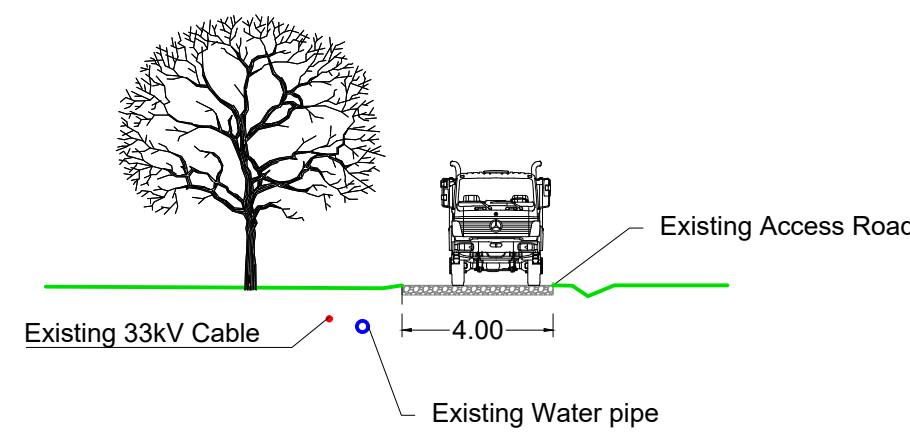
Table 6L x 9; 15°



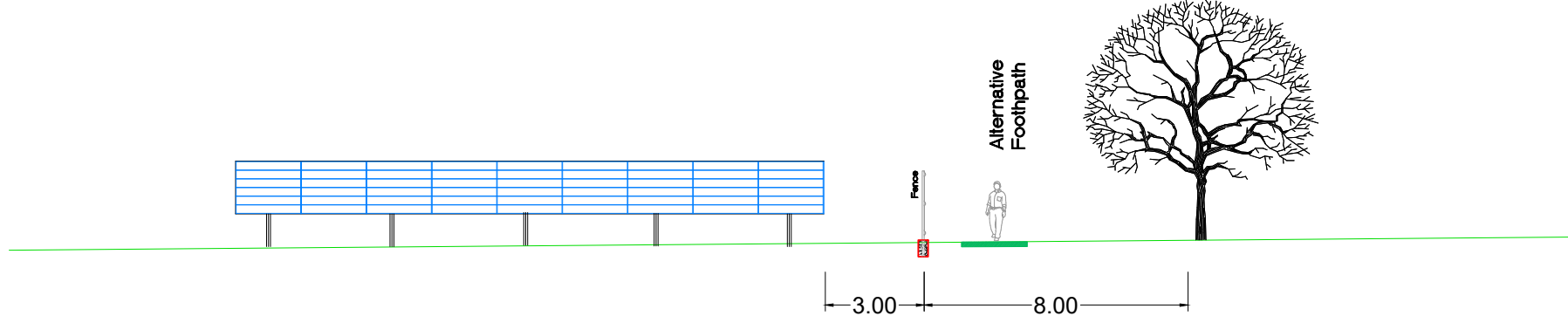
Section Scale  
1:100



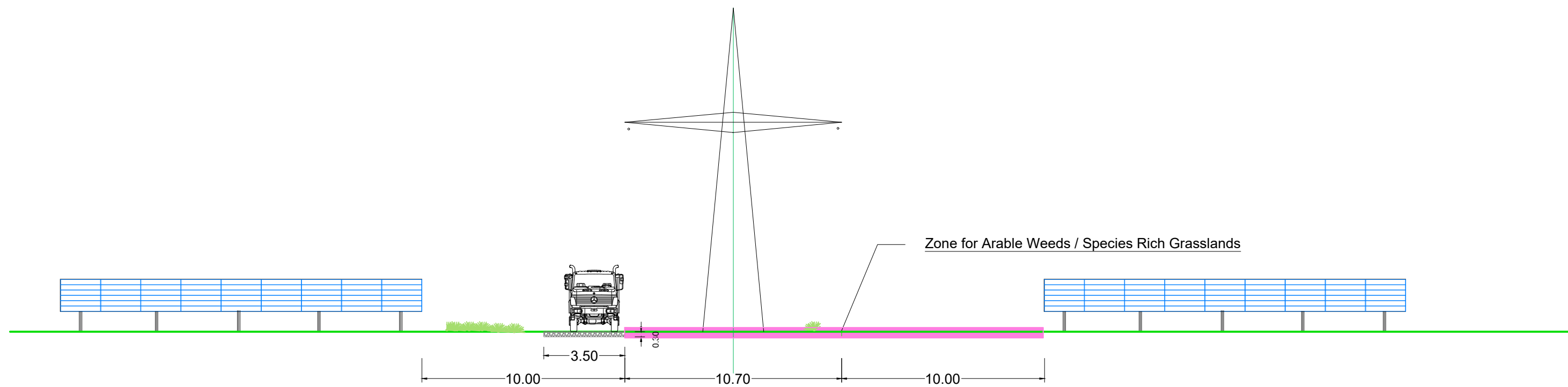
Section A



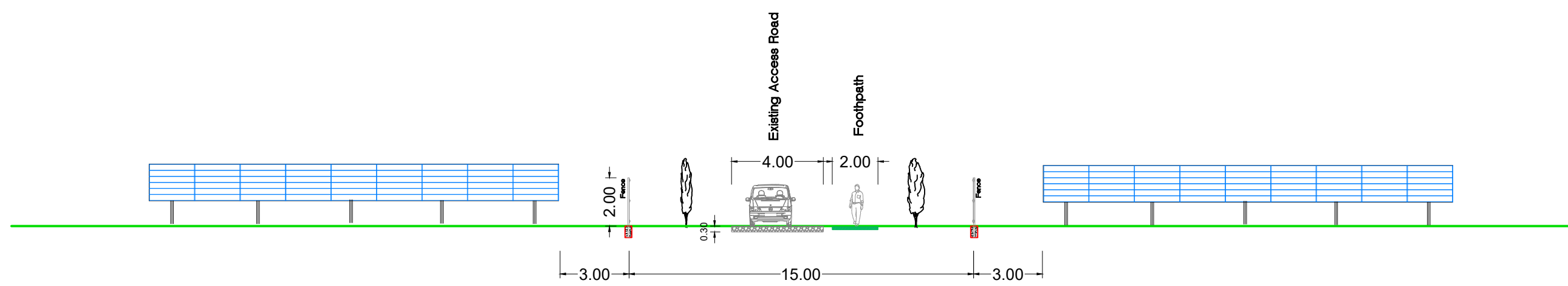
Section B



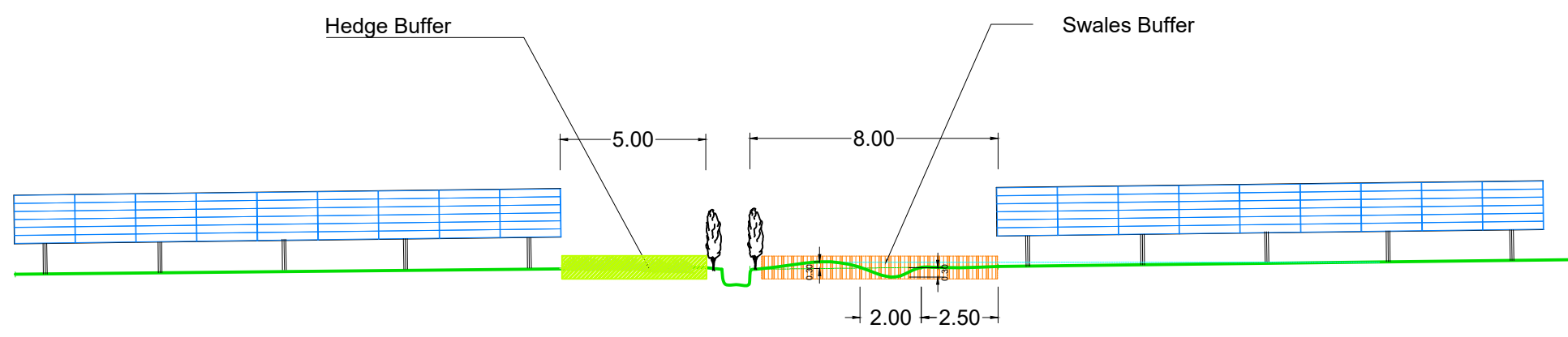
Section C



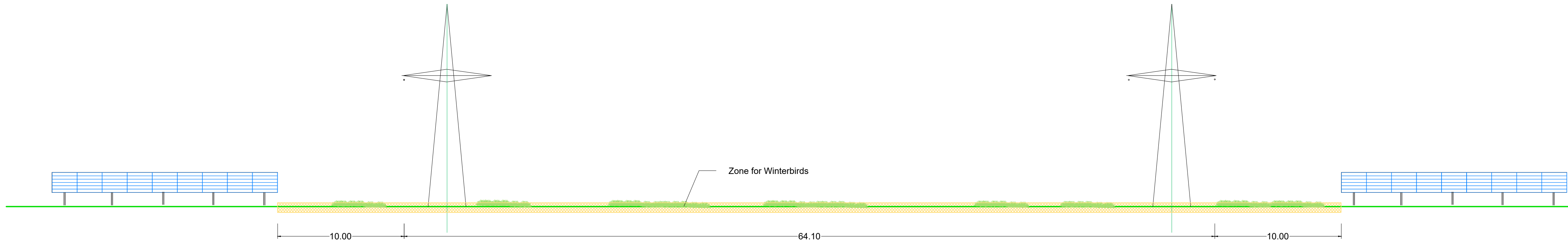
Section D + G



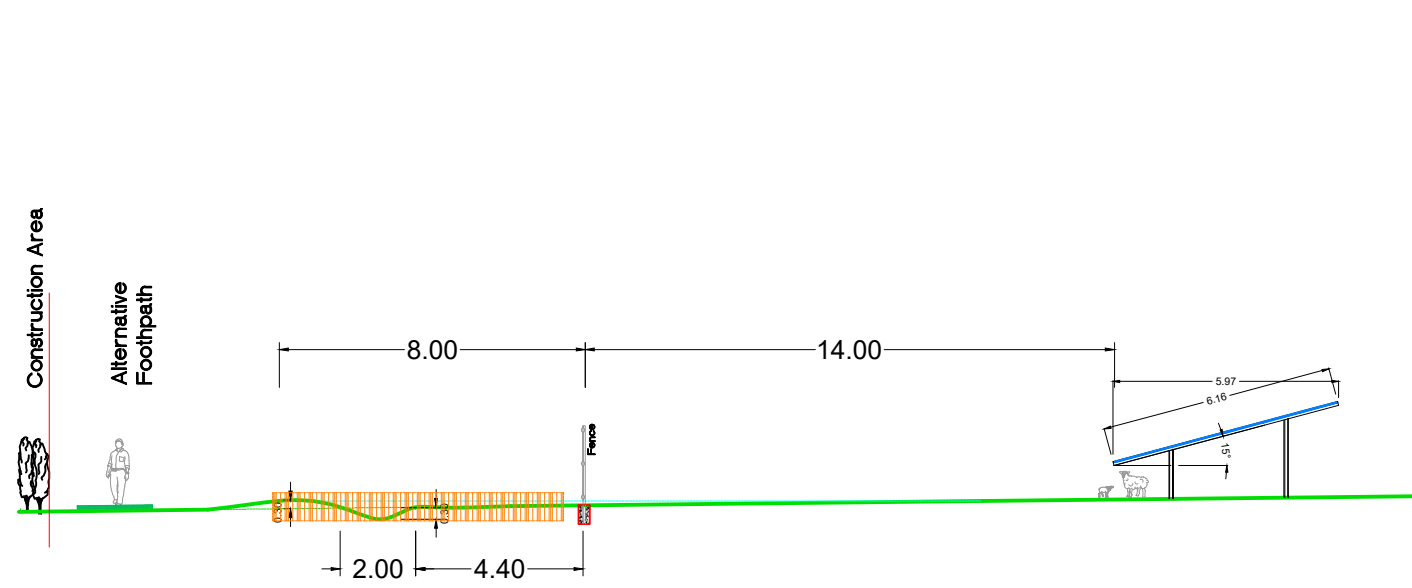
Section E



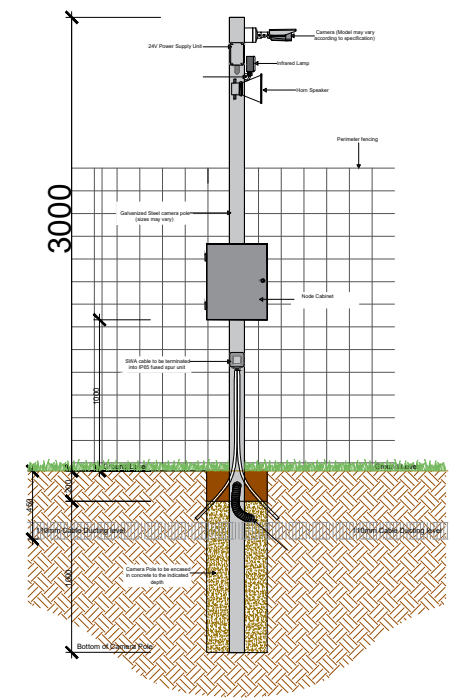
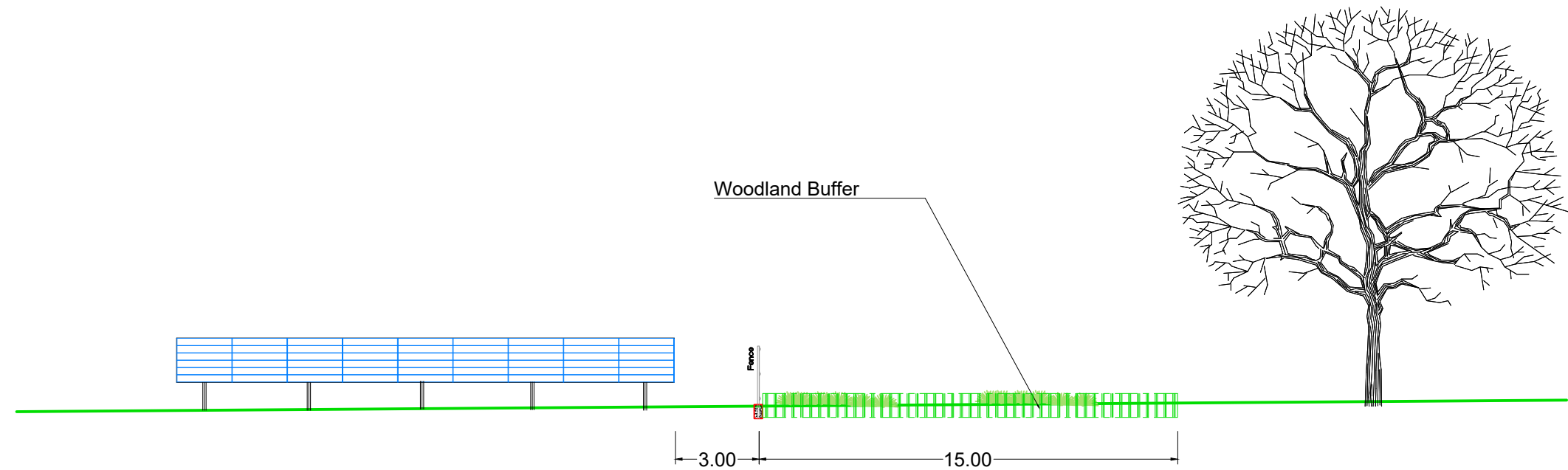
Section F



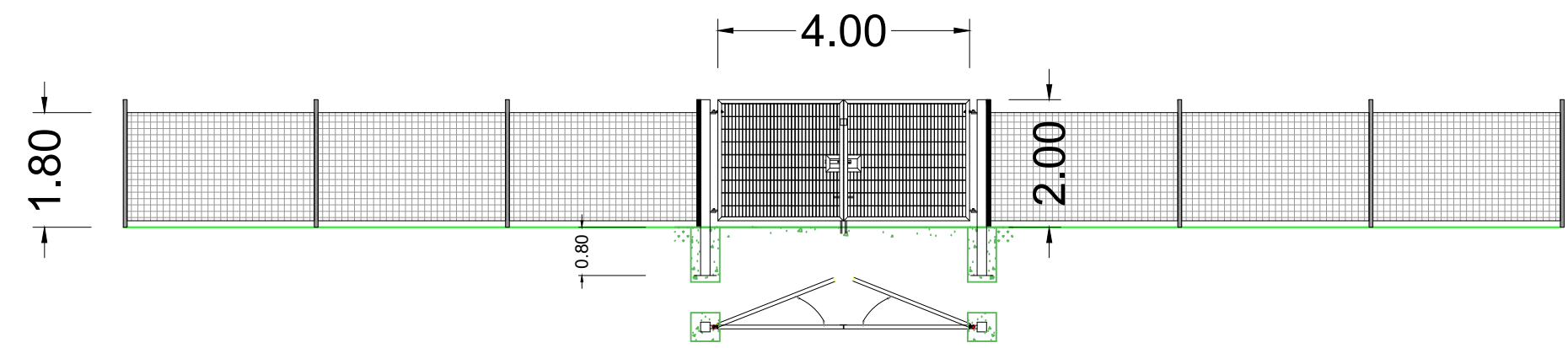
Section H



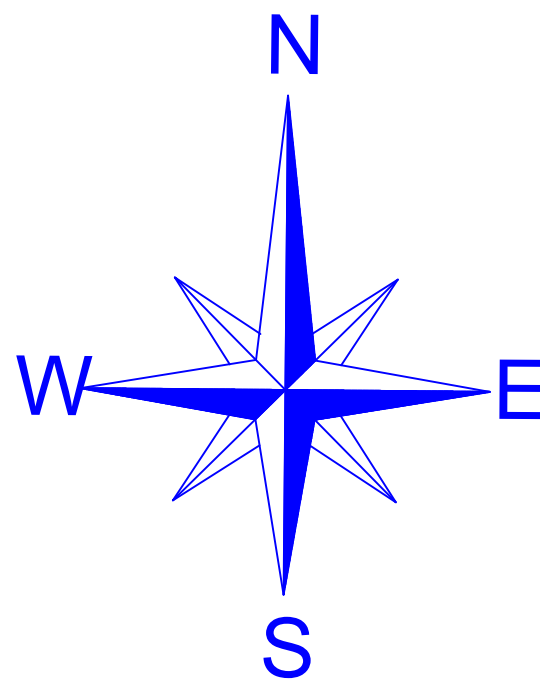
Section I



CCTV Detail  
Scale 1:50



Fence and Gate Detail  
Scale 1:100



## Electrical design

### Station A

Inverter:  
AC-Combiner:  
Strings:  
Panels:

## Key

- Public Footpath (gap = 15,00m)
- Buffer Woodland (15,0m)
- Swales (Buffer 8,00m)
- Pond (Buffer 5,00m)
- Hedges (Buffer 5,00m)
- Badger Zone (Buffer 20,00m)
- Zone for Grass and Birds

Regulations 2009 Document Paragraph Reference Number

Regulation 5(2)(o)

PROJECT NAME

**Little Crow Solar Park**

DRAWING Details  
DRAWING N° A02B0C0

### GEOGRAPHICAL SITE:

COORDINATES 53.5773° N 0.5786° W  
NN/MSL 60.0m  
SUNANGLE 13.42°  
DATE 21.12.2017 / 12:00

SITE SYSTEM:		CHANGE	
SYSTEM LAYOUT	6L x 9	6L x 5	
NUMBER OF TABLES	6.449 pc	345 pc	
PANEL ORIENTATION	Landscape		
NUMBER OF PANELS	357.561		

### SITE TECHNOLOGY:

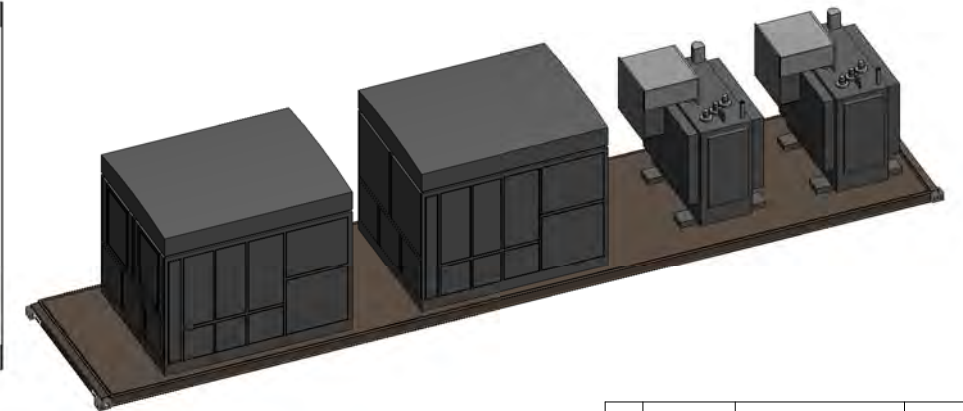
DRAW		DRAW	
MODULE NAME		DATE	NAME
MODULE SIZE		10.06.2016	M. Rendel
MODULE POWER	380 W		
TYPE OF PANELS	POLY		
ANGLE OF PANELS	15°		
TABLE SHADOW	1.0 m		
ROW DISTANCES			

SITE TOTAL POWER		Signature:	
DC POWER	135.87 MWp	Scale	1:200
AC-POWER nom.		Paper size	A0
AC-POWER max.			

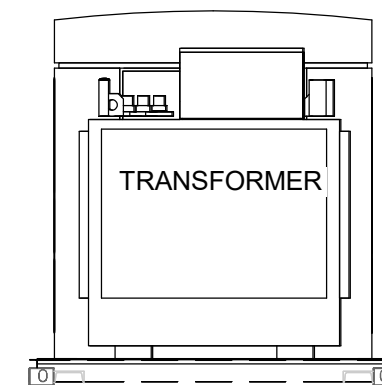




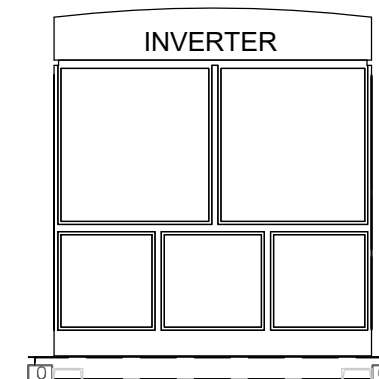




6 3D View



4 East  
1:50



5 West  
1 : 50

O	29.11.2018	Original	SF/EG	EG
Rev	Date	Revision Description	Drawn/ Checked	Approved

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Web: [www.g2energy.co.uk](http://www.g2energy.co.uk) e-mail: [enquiries@g2energy.co.uk](mailto:enquiries@g2energy.co.uk)

Project Number:		P2064	
Project Title:		Little Crow Solar Farm	
Client(s):		INRG Solar (Little Crow) Ltd	
Project Issue Date:		November 2018	
Drawn By:	SF	Checked By:	EG
Approved By:		EG	
Drawing Number:		P2064(01)-25-01-O	

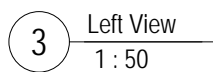
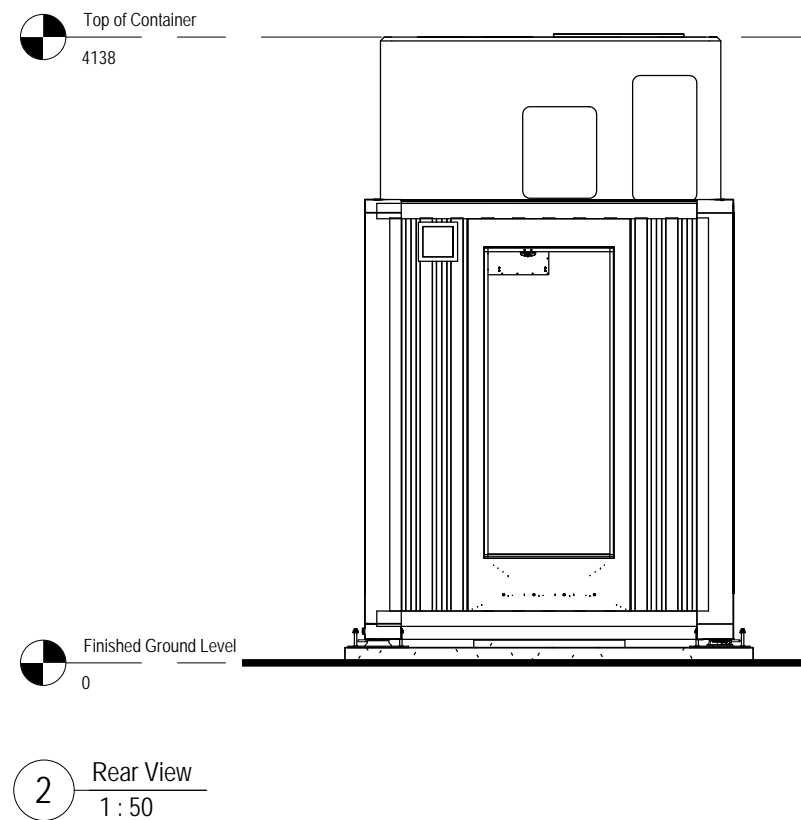
Drawing Name: **Transformer and Inverter Skid  
Plan & Elevations**

Sheet Print Stamp: 02/12/2018 19:03:37

Scale: 1 : 50	@Paper Size: A3
---------------	-----------------

Drawing Status : FOR PLANNING





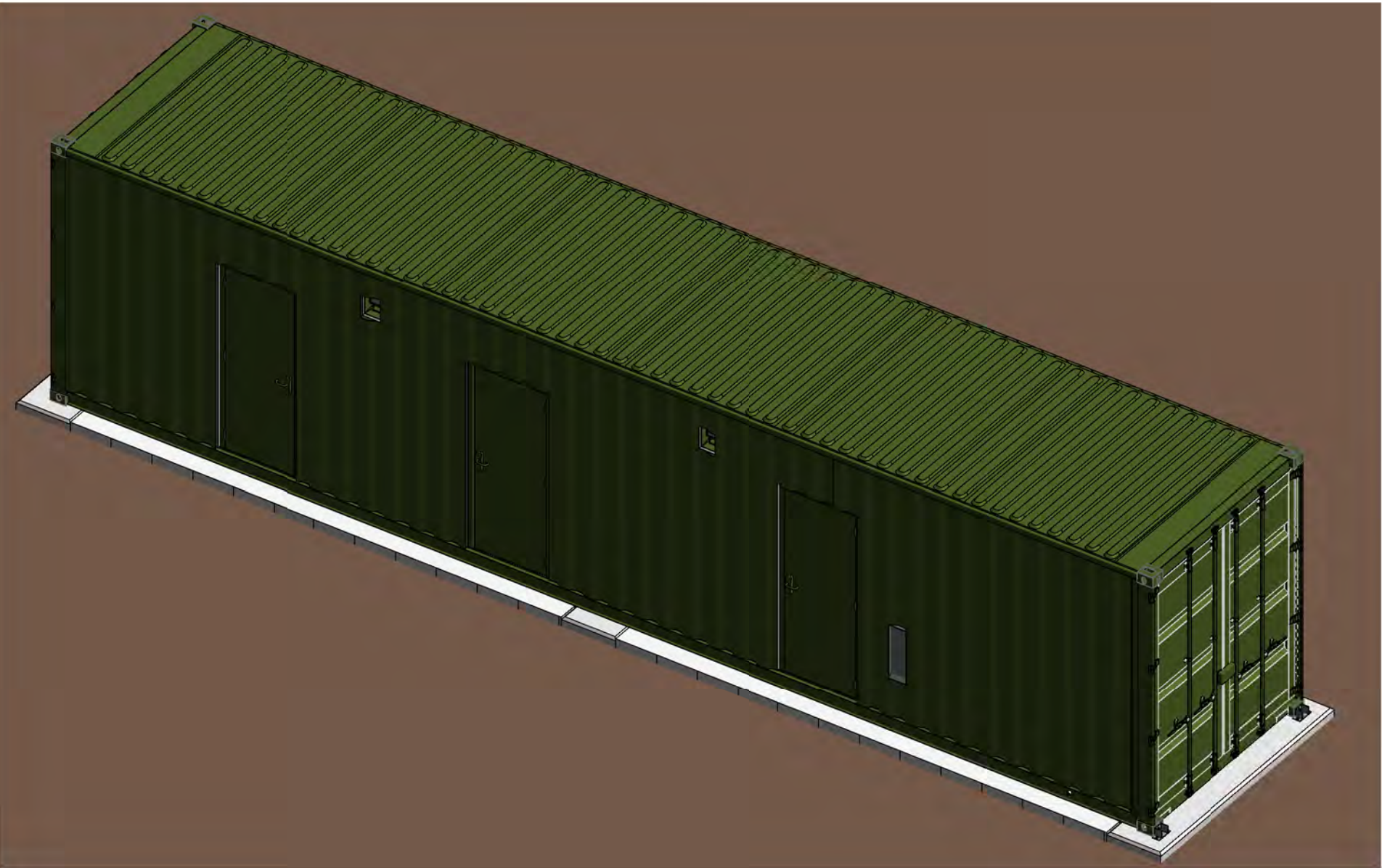
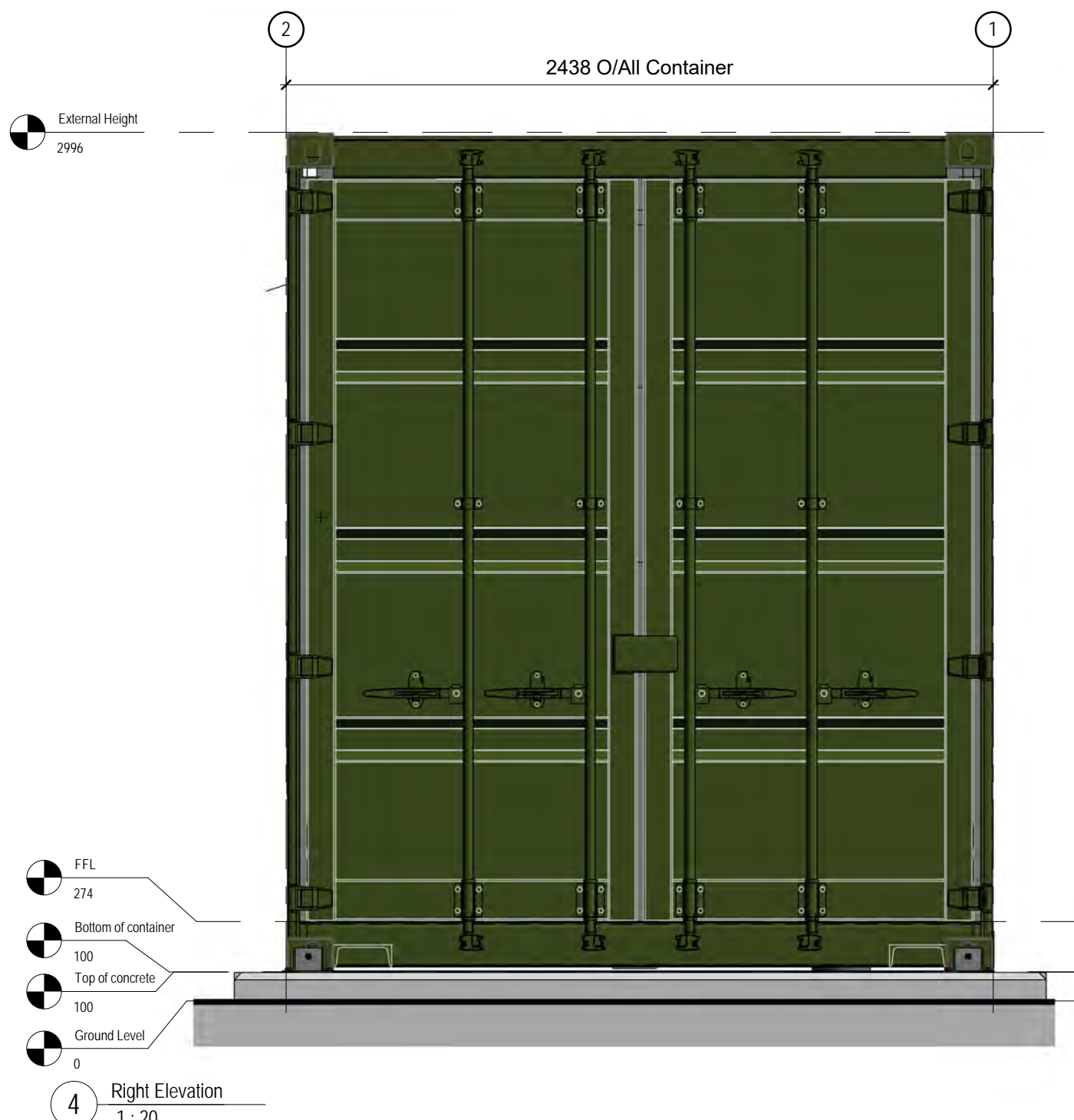
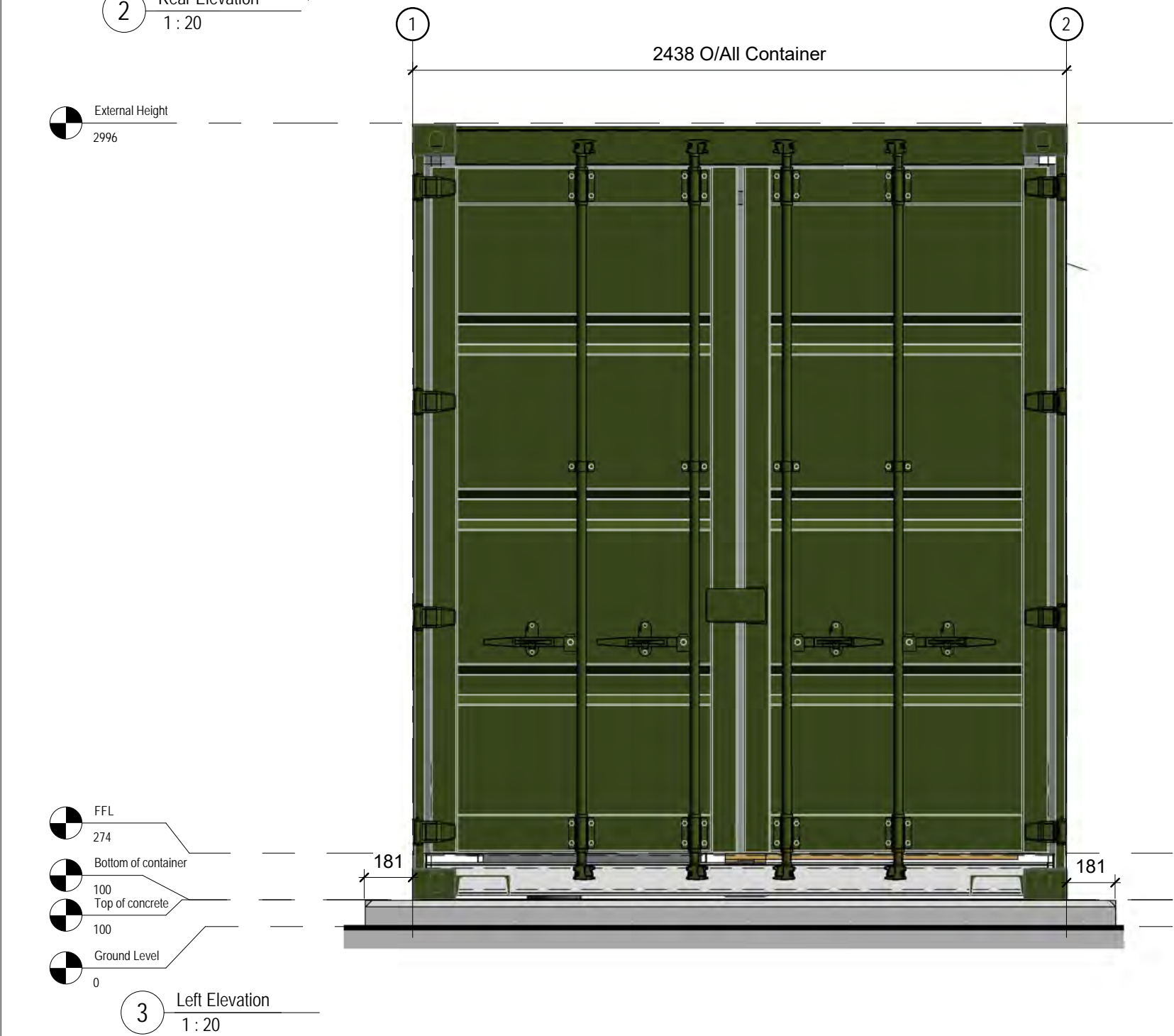
Dovetail twistlocks to be secured to container just prior to landing on supports and then welded to steel plates after landing and aligned correctly.

O	30.11.2018	Original	SF	EG
Rev	Date	Revision Description	Drawn/ Checked	Approved

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Project Number:		P2064	
Project Title:		Little Crow Solar Farm	
Client(s):		INRG Solar (Little Crow) Ltd	
Project Issue Date:		November 2018	
Drawn By:	SF	Checked By:	EG
Approved By:		EG	
Drawing Number:		P2064(01)-25-02-O	
Drawing Name:		53ft Battery Container Elevations	
Sheet Print Stamp:		02/12/2018 19:17:52	
Scale: 1 : 50		@Paper Size: A3	
Drawing Status :		FOR PLANNING	





**Notes**

The unit is a 40ft High Cube Container  
Length = 12192mm  
Width = 2438mm  
Height = 2896mm

The colour is fabricated from corten Steel,  
then painted Harrods Green Pantone 574  
BS 2660

-Blast relief vents are AFP SHX UN 700, all  
vents shall be fitted with a insect screen.  
-Locks to be europrofile cylinders or rim  
cylinders.

- External Doors are to have weatherproof  
seals, top edge of doors to have lip to  
prevent water ingress.  
- All cable entries are sealed using RISE  
- Conduits are galvanised steel.  
- Internal finish is 25mm Fireboard.  
- PIR's are recessed into container to ensure  
they do not protrude.  
- All air intakes to have spring closed  
dampers which will activate if a fire occurs.


O	02.12.2018	Original	SF	EG
Revision Number	Revision Date	Revision Description	Drawn/ Checked	Approved By

**Revision Schedule**

1:10	0	100mm	200mm	300mm	400mm	500mm	600mm	700mm	800mm	900mm	1m
1:20	0	400mm	800mm	1200mm	1600mm	2000mm	2400mm	2800mm	3200mm	3600mm	4m
1:50	0	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
1:100	0	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m

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Project Number:	P2064	
Project Title:	Little Crow Solar Farm	
Client(s):	INRG Solar (Little Crow) Ltd	
Project Issue Date:	November 2018	
Drawn By: SF	Checked By: EG	Approved By: KR
Drawing Number:	P2064(02)-25-01-O	

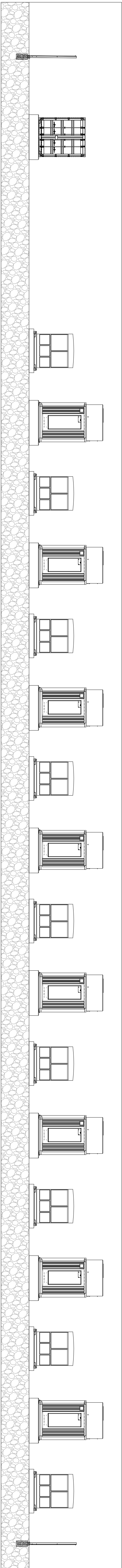
Drawing Name:  
**40ft Client Container - Elevations**

Sheet Print Stamp: 02/12/2018 21:03:41

Scale: 1 : 20 @ Paper Size: A1

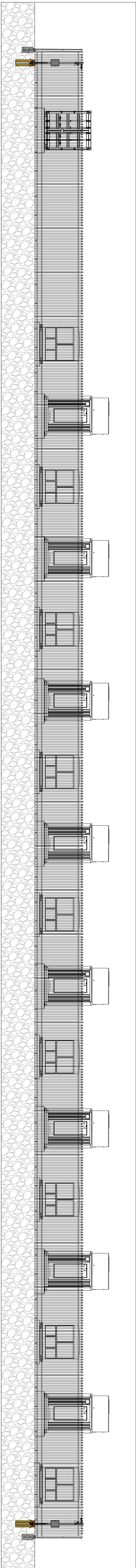
Drawing Status :  
**FOR PLANNING**





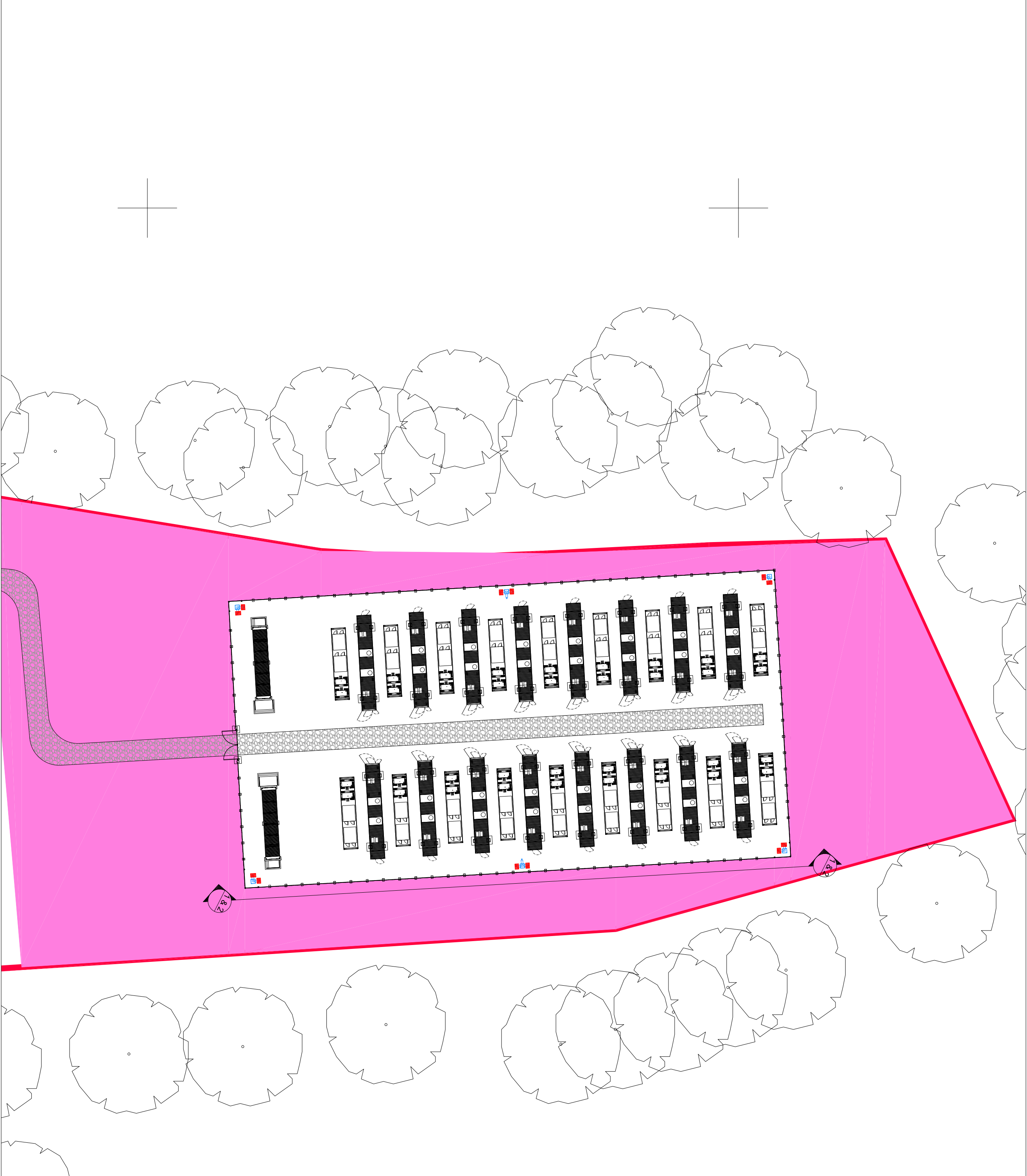
1 Site East Elevation

Scale: 1:125 @ A1 1:250 @ A3



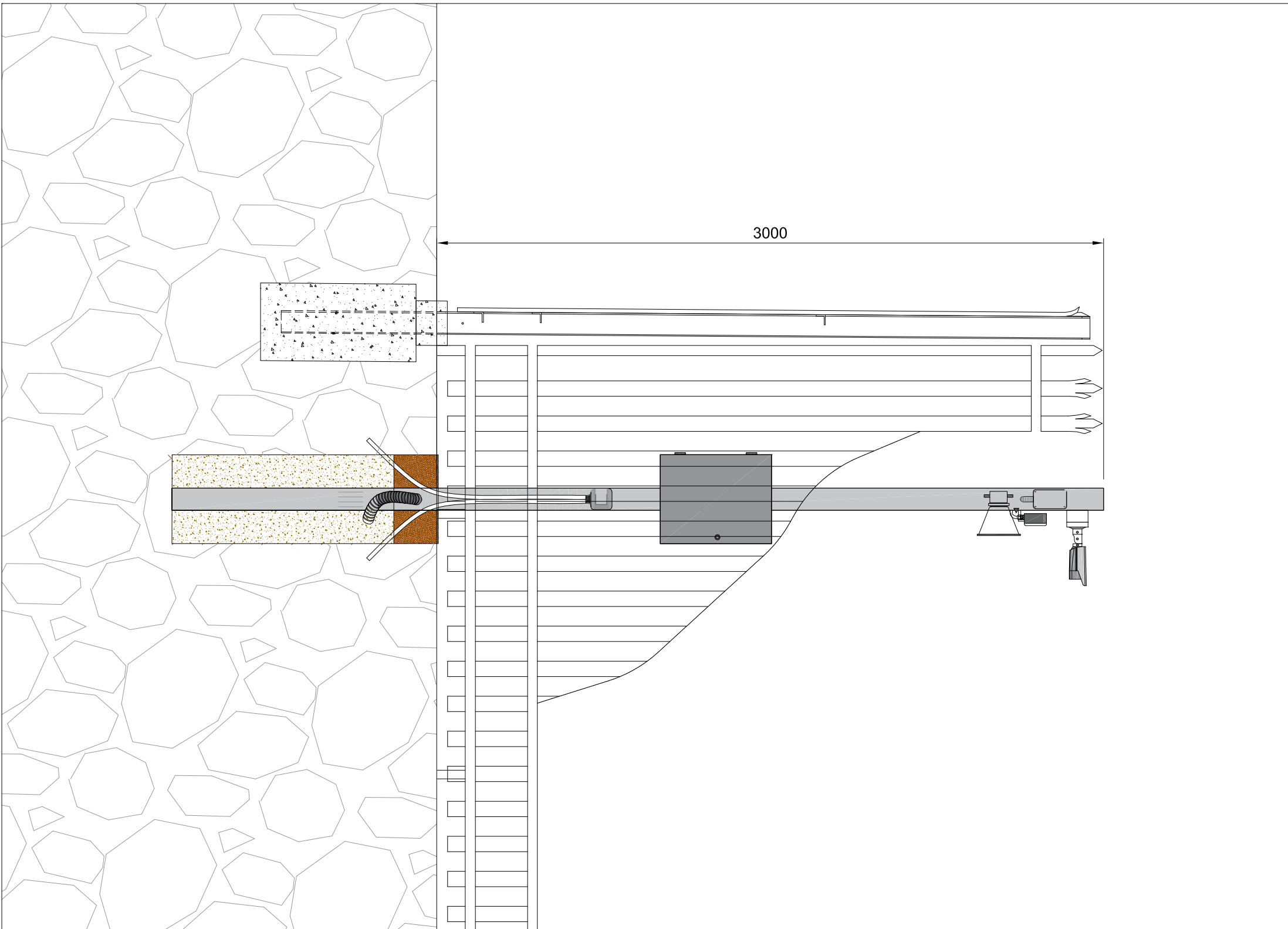
2 Site East Elevation with Fence

Scale: 1:125 @ A1 1:250 @ A3



3 SITE LAYOUT

Scale: 1:500 @ A1 1:1000 @ A3



3 CCTV Elevation

Scale: 1:20 @ A1 1:40 @ A3

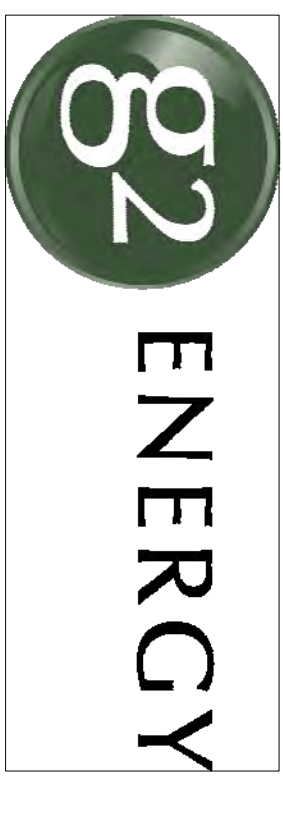
Revisions Schedule			
Revision	Rev Date	Revision Description	SF
O	30.11.2018	Original	EG
			KR
			Dim
			Chd
			Apptd

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Project Number: P2064

Project Title: Little Crow Solar Farm

Client(s): INRG Solar (Little Crow) Ltd

Project Issue Date: November 2018

Drawn By: SF Checked By: EG Approved By: KR

Drawing Number: P2064-31-03 Rev: O

Drawing Name: Site Elevations and Camera Detail

Sheet Print Stamp:

Scale/As Shown @ Paper Size: A1

Drawing Status:

**FOR PLANNING**