

24/5074/FUL

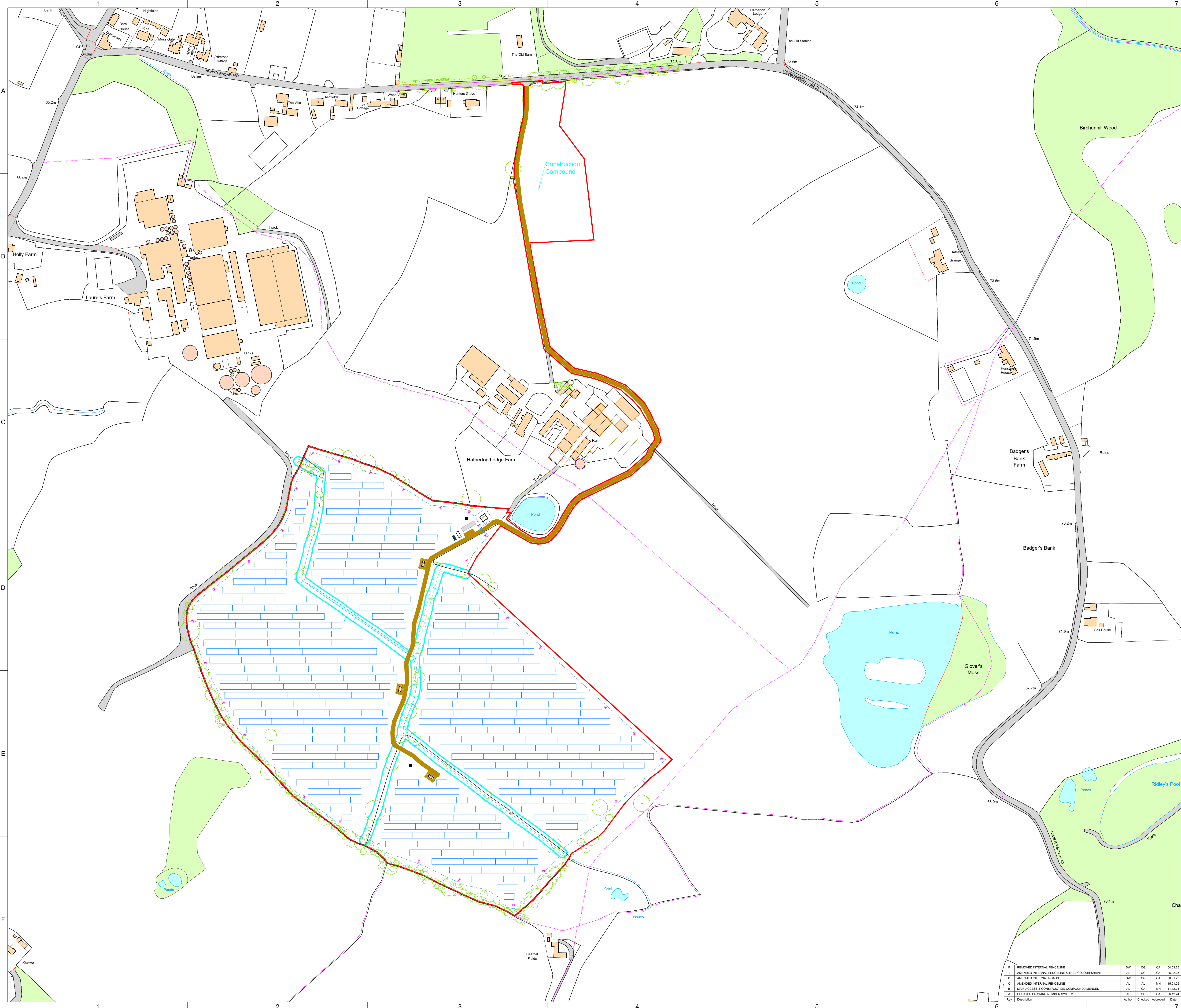
Hatherton Lodge

Hunsterson Road

Hatherton

Nantwich

CW5 7RA

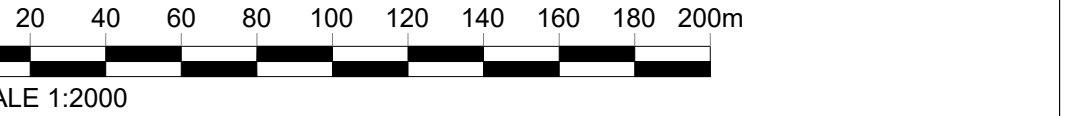


- NOTES:**
1. This drawing is for indicative purposes and is not for construction. Scaled dimensions must not be taken from this drawing. All dimensions are to be confirmed on-Site prior to commencement of work.
 2. All units are listed in metres unless otherwise stated.
 3. This drawing is to be read in conjunction with all other relevant documentation.

LEGEND

	PV Panel
	Development Site Boundary (Noventum)
	Perimeter Fence with Security Gate
	Inverter Station
	On-Site Office and Welfare Facilities
	Access Track
	Car Parking / Turning Area
	On-Site Storage Container
	33kV Customer Substation
	33kV DNO Substation
	CCTV Tower
	Tree
	Public Right of Way/ Footpath
	Existing Overhead Line
	Existing Pylon
	Weather Station

GIS Autocad NOTE:
coordinate: 53.018845,-2.461083
Name:OSGB1936 National Grid
Reference: OSGB-1936
Unit: Meter
EPSG code: 27700

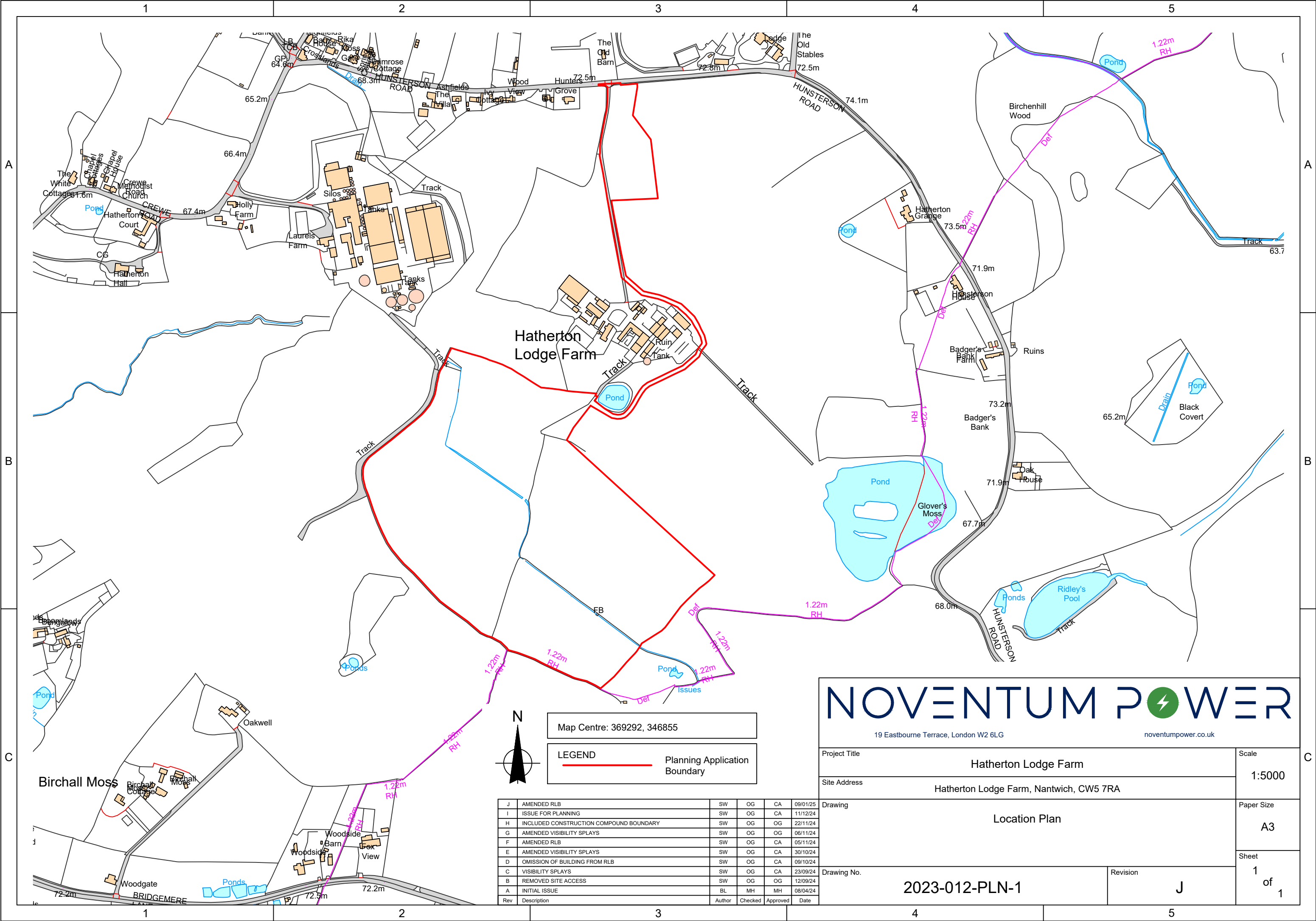


NOVENTUM POWER
19 Eastbourne Terrace, London W2 6LG
noventumpower.co.uk

Project Title	Hatherton Lodge Solar Farm	Scale	1:2000
Site Address	Hatherton Lodge Farm, Nantwich, CW5 7RA	Paper Size	A1
Drawing	Site Layout	Sheet	1 of 1

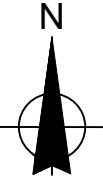
Drawing No.	2023-012- LYT -1	Revision	F
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F	REMOVED INTERNAL FENCELINE	SW	OG	CA	04.03.23
E	AMENDED INTERNAL FENCELINE & TREE COLOUR SHAPE	AL	OG	CA	25.02.23
D	AMENDED INTERNAL ROADS	SW	OG	CA	30.01.23
C	AMENDED INTERNAL FENCELINE	AL	AL	MH	15.01.23
B	MARK ACCESS & CONSTRUCTION COMPOUND AMENDED	AL	CA	CA	11.12.24
A	UPDATED DRAWING NUMBER SYSTEM	AL	OG	CA	06.12.24
Rev	Description	Author	Checked	Approved	Date



Map Centre: 369292, 346855

LEGEND
Planning Application Boundary



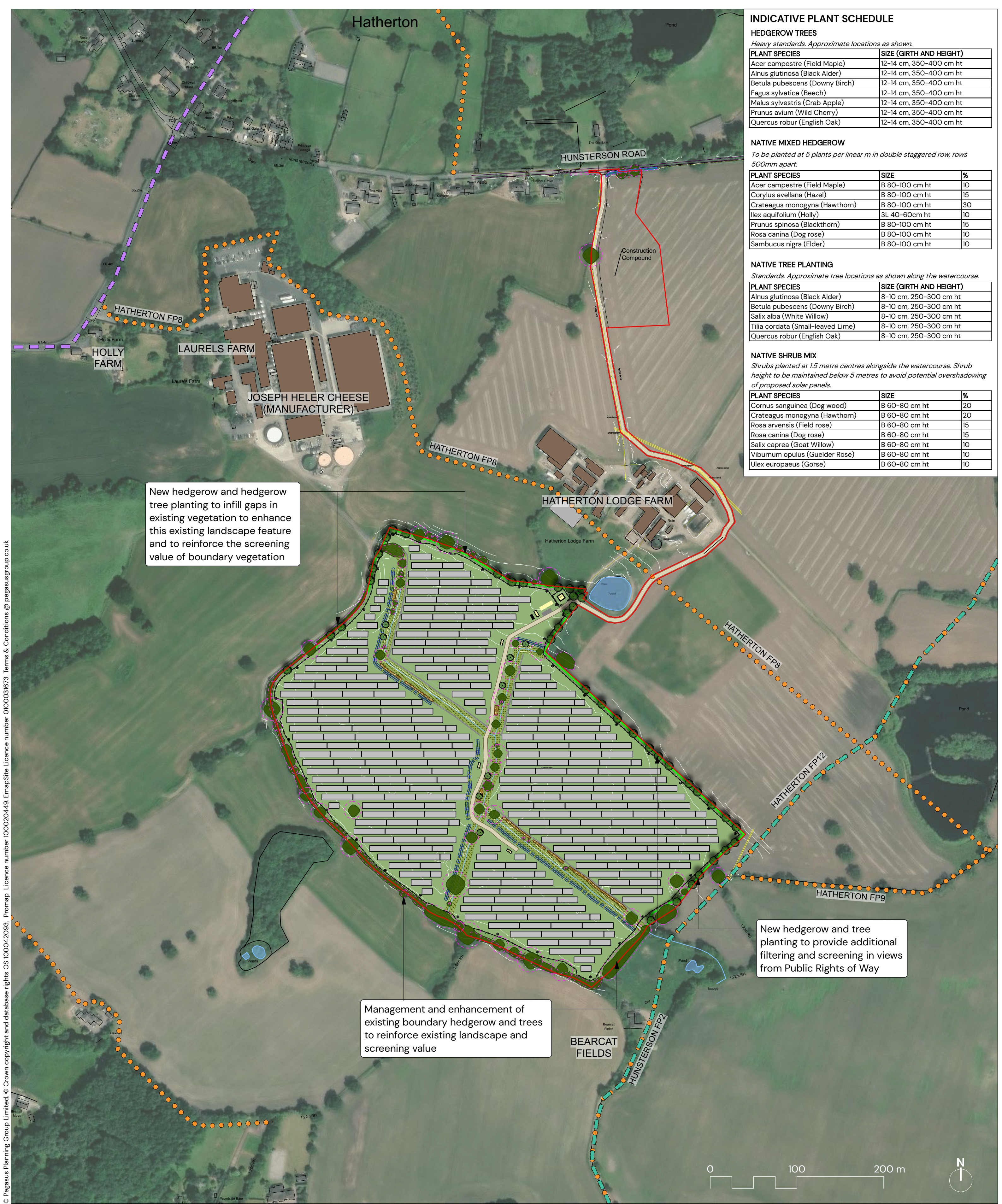
J	AMENDED RLB	SW	OG	CA	09/01/25
I	ISSUE FOR PLANNING	SW	OG	CA	11/12/24
H	INCLUDED CONSTRUCTION COMPOUND BOUNDARY	SW	OG	OG	22/11/24
G	AMENDED VISIBILITY SPLAYS	SW	OG	OG	06/11/24
F	AMENDED RLB	SW	OG	CA	05/11/24
E	AMENDED VISIBILITY SPLAYS	SW	OG	CA	30/10/24
D	OMISSION OF BUILDING FROM RLB	SW	OG	CA	09/10/24
C	VISIBILITY SPLAYS	SW	OG	CA	23/09/24
B	REMOVED SITE ACCESS	SW	OG	OG	12/09/24
A	INITIAL ISSUE	BL	MH	MH	08/04/24
Rev	Description	Author	Checked	Approved	Date

NOVENTUM POWER

19 Eastbourne Terrace, London W2 6LG

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Project Title		Hatherton Lodge Farm	Scale
Site Address		Hatherton Lodge Farm, Nantwich, CW5 7RA	1:5000
Drawing		Location Plan	Paper Size
			A3
			Sheet
Drawing No.		Revision	1 of 1
2023-012-PLN-1		J	



INDICATIVE PLANT SCHEDULE

HEDGEROW TREES

Heavy standards. Approximate locations as shown.

PLANT SPECIES	SIZE (GIRTH AND HEIGHT)
Acer campestre (Field Maple)	12-14 cm, 350-400 cm ht
Alnus glutinosa (Black Alder)	12-14 cm, 350-400 cm ht
Betula pubescens (Downy Birch)	12-14 cm, 350-400 cm ht
Fagus sylvatica (Beech)	12-14 cm, 350-400 cm ht
Malus sylvestris (Crab Apple)	12-14 cm, 350-400 cm ht
Prunus avium (Wild Cherry)	12-14 cm, 350-400 cm ht
Quercus robur (English Oak)	12-14 cm, 350-400 cm ht

NATIVE MIXED HEDGEROW

To be planted at 5 plants per linear m in double staggered row, rows 500mm apart.

PLANT SPECIES	SIZE	%
Acer campestre (Field Maple)	B 80-100 cm ht	10
Corylus avellana (Hazel)	B 80-100 cm ht	15
Crateagus monogyna (Hawthorn)	B 80-100 cm ht	30
Ilex aquifolium (Holly)	3L 40-60cm ht	10
Prunus spinosa (Blackthorn)	B 80-100 cm ht	15
Rosa canina (Dog rose)	B 80-100 cm ht	10
Sambucus nigra (Elder)	B 80-100 cm ht	10

NATIVE TREE PLANTING

Standards. Approximate tree locations as shown along the watercourse.

PLANT SPECIES	SIZE (GIRTH AND HEIGHT)
Alnus glutinosa (Black Alder)	8-10 cm, 250-300 cm ht
Betula pubescens (Downy Birch)	8-10 cm, 250-300 cm ht
Salix alba (White Willow)	8-10 cm, 250-300 cm ht
Tilia cordata (Small-leaved Lime)	8-10 cm, 250-300 cm ht
Quercus robur (English Oak)	8-10 cm, 250-300 cm ht

NATIVE SHRUB MIX

Shrubs planted at 1.5 metre centres alongside the watercourse. Shrub height to be maintained below 5 metres to avoid potential overshadowing of proposed solar panels.

PLANT SPECIES	SIZE	%
Cornus sanguinea (Dog wood)	B 60-80 cm ht	20
Crateagus monogyna (Hawthorn)	B 60-80 cm ht	20
Rosa arvensis (Field rose)	B 60-80 cm ht	15
Rosa canina (Dog rose)	B 60-80 cm ht	15
Salix caprea (Goat Willow)	B 60-80 cm ht	10
Viburnum opulus (Guelder Rose)	B 60-80 cm ht	10
Ulex europaeus (Gorse)	B 60-80 cm ht	10

New hedgerow and hedgerow tree planting to infill gaps in existing vegetation to enhance this existing landscape feature and to reinforce the screening value of boundary vegetation

New hedgerow and tree planting to provide additional filtering and screening in views from Public Rights of Way

Management and enhancement of existing boundary hedgerow and trees to reinforce existing landscape and screening value

KEY

Site boundary

Trees & vegetation

Root protection areas (RPAs)

Watercourse

Public Right of Way (Footpath)

South Cheshire Way long distance route

Regional Route 70 Cheshire Cycleway

Buildings

PROPOSED

Species rich grass seed outside security fence - Emorsgate EM3 Special General Purpose Meadow Mixture or similar approved

Species rich grass seed within security fence - Emorsgate EM1 Basic General Purpose Meadow Mixture or similar approved

Native hedgerow planting

Native tree planting within hedgerow and along watercourse

Species rich grass seed within watercourse buffers and swales - Emorsgate EM8 Meadow Mix For Wetlands or similar and approved

Swales*

Gravel strips*

Native mixed shrubs alongside watercourse, maintained below 5m in height

Solar Panels

Access track to be permeable, specified by engineers.

Fenceline

Sheep proof fencing

Gates

CCTV locations

On site buildings and structures

On site parking

*Swales and gravel strips as shown on proposed drainage strategy drawing, (drawing number P24-0133-PEG-XX-ZZ-DR-X-1000-P1).

E	07/03/25	LB	Amends to internal fences
D	31/01/25	KCh	Amends in line with new layout
C	05/12/24	KCh	Amends Red line and access track
B	14/10/24	KCh	Amends to Layout
A	03/10/24	KCh	Amends to watercourse planting
-	24/09/24	KCh	First Issue
Rev	Date	By	Note

Landscape Masterplan
Hatherton Lodge Solar Farm

Client: Noventum Power REV: E

DRWG No: P24-0133_EN_0008

Drawn by : KCh Approved by: LH

Date: 24/09/2024 PEGASUS GROUP

Scale: 1:2,750 @ A2

1

2

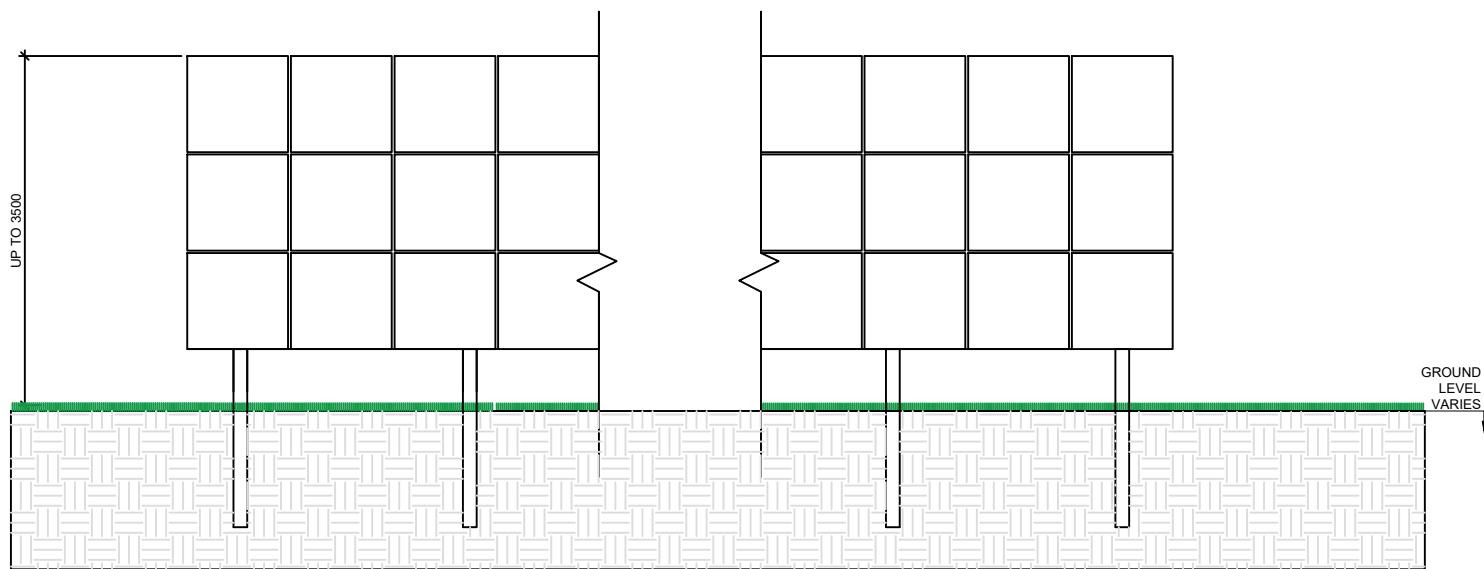
3

4

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A

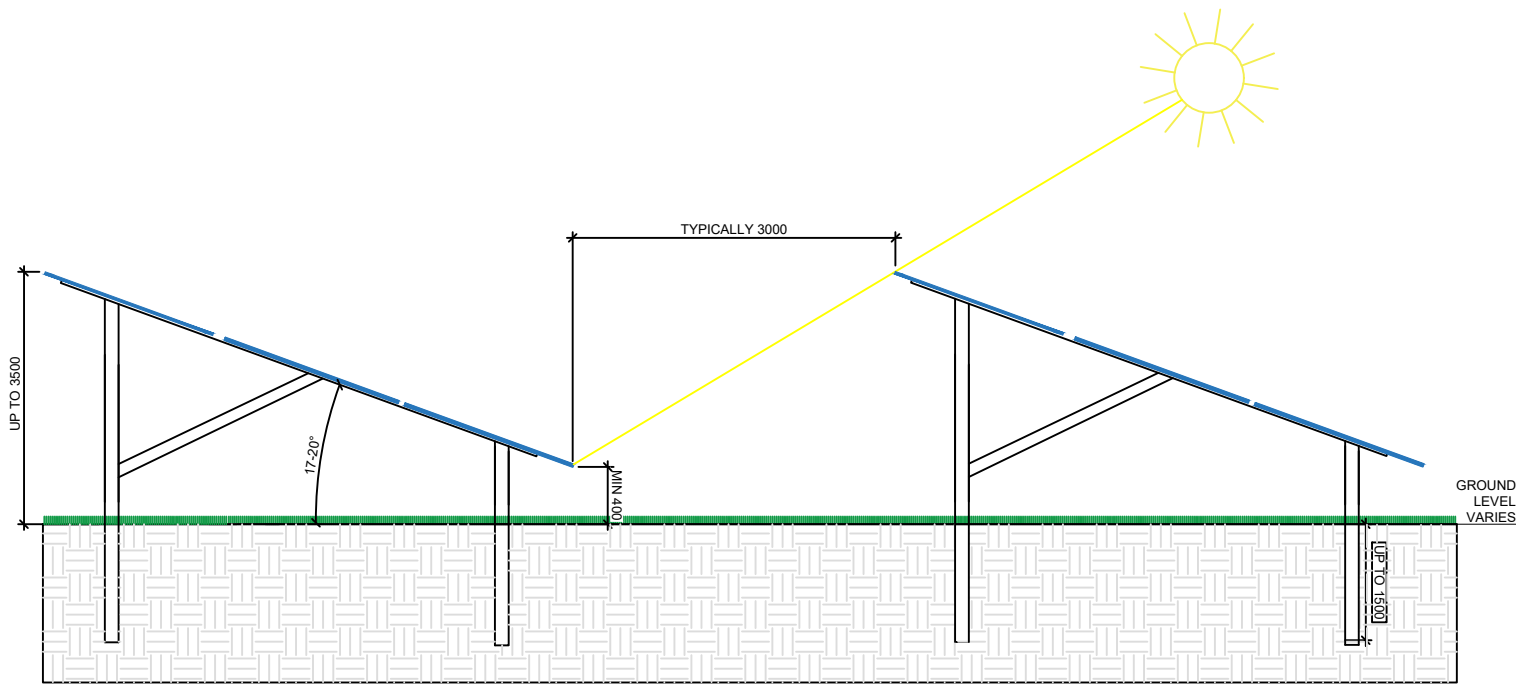
A



TYPICAL PV ARRAY
FRONT ELEVATION

B

B



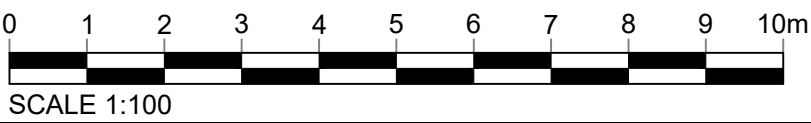
TYPICAL PV ARRAY
END ELEVATION

NOTES:

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2. All units are listed in millimetres unless otherwise stated.
3. Foundations are to be confirmed at detailed design stage by the Contractor.
4. Depth and size of foundations depends upon ground conditions and wind loading at the Site and will be determined at the detailed design stage.
5. The maximum height of the panels from ground level shall vary due to undulating topography up to a maximum of 3500mm.
6. The minimum height of the lower edge of the panels from ground level shall vary due to undulating topography down to a minimum of 400mm.

C

C



C	AMENDED TO REFLECT UPDATED DESIGN	SW	AL	CA	10/12/24
B	ISSUE FOR PLANNING	SW	AL	CA	30/08/24
A	INITIAL ISSUE	SW	AL	CA	15/08/24
Rev	Description	Author	Checked	Approved	Date

NOVENTUM POWER

19 Eastbourne Terrace, London W2 6LG

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Project Title		Hatherton Lodge Solar Farm		Scale	
Site Address		Hatherton Lodge Farm, Nantwich, CW5 7RA		1:100	
Drawing		Elevation Drawing 01 PV Table Elevations		Paper Size	
				A3	
				Sheet	
				1 of 1	
Drawing No.				Revision	
2023-012-ED01				A	

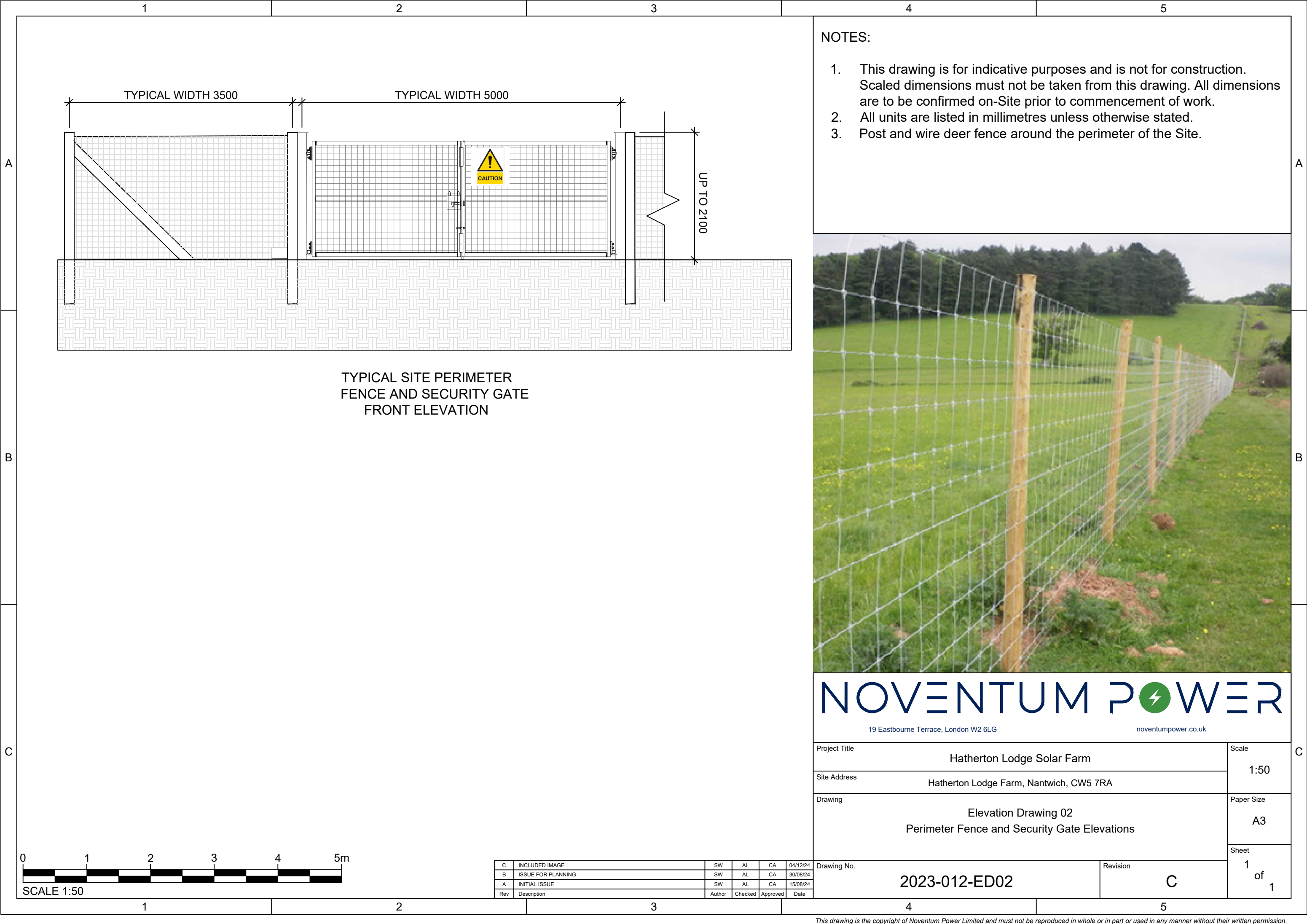
1

2

3

4

5



NOTES:

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3. Post and wire deer fence around the perimeter of the Site.

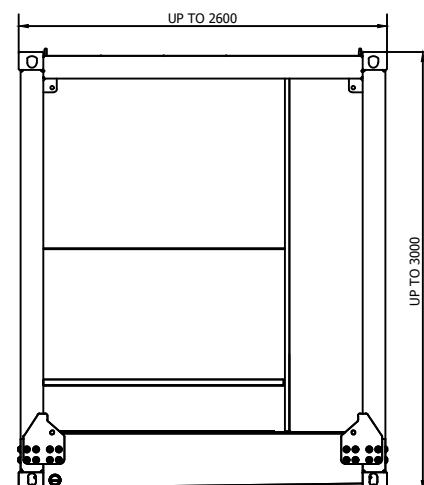
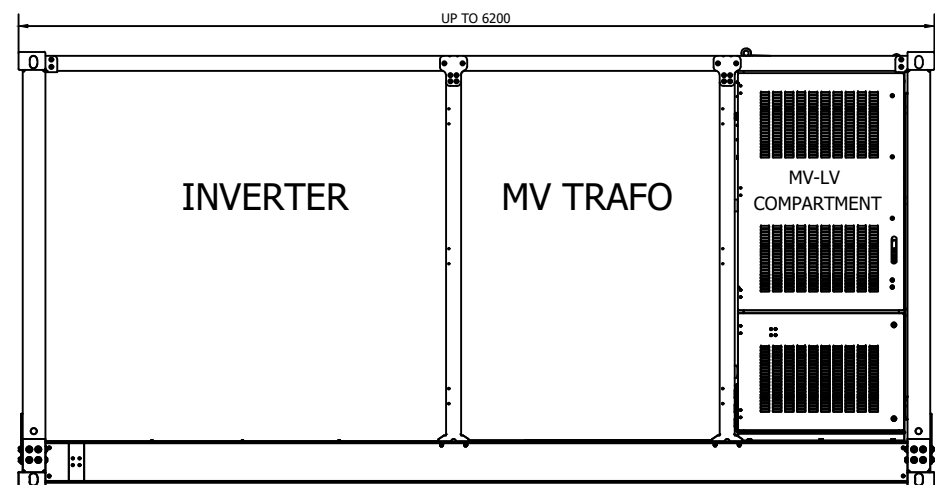
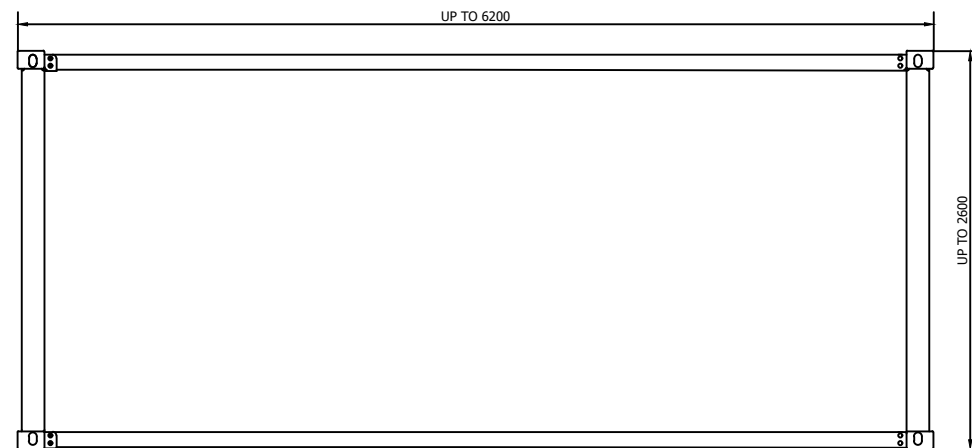


NOVENTUM POWER

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Project Title	Hatherton Lodge Solar Farm	Scale	1:50
Site Address	Hatherton Lodge Farm, Nantwich, CW5 7RA	Paper Size	A3
Drawing	Elevation Drawing 02 Perimeter Fence and Security Gate Elevations	Sheet	1 of 1
Drawing No.	2023-012-ED02	Revision	C



- NOTES:

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3. This is an example inverter arrangement. Inverter type and manufacturer is to be selected at the detailed design stage.



SCALE 1:50

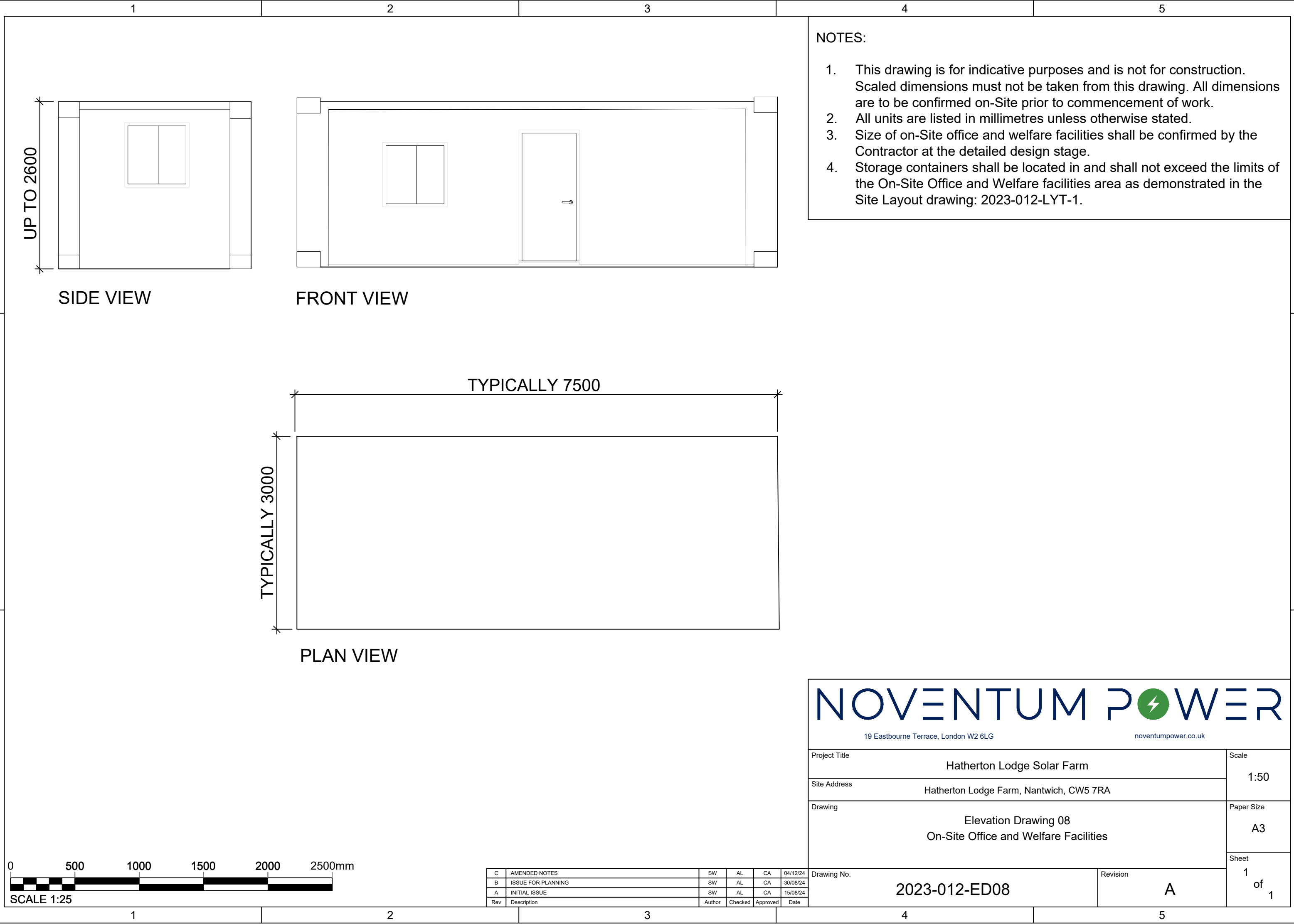
B	ISSUE FOR PLANNING	SW	AL	CA	30.08.2019
A	INITIAL ISSUE	SW	AL	CA	15.08.2019
Rev	Description	Author	Checked	Approved	Date



19 Eastbourne Terrace, London W2 6LG

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Project Title		Hatherton Lodge Solar Farm		Scale 1:50
Site Address		Hatherton Lodge Farm, Nantwich, CW5 7RA		
Drawing		Elevation Drawing 03 Inverter Station Elevations		Paper Size A3
Drawing No.		Revision		Sheet 1 of 1
2023-012_ED03		B		



NOTES:

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2. All units are listed in millimetres unless otherwise stated.
3. Size of on-Site office and welfare facilities shall be confirmed by the Contractor at the detailed design stage.
4. Storage containers shall be located in and shall not exceed the limits of the On-Site Office and Welfare facilities area as demonstrated in the Site Layout drawing: 2023-012-LYT-1.

NOVENTUM POWER

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Project Title		Hatherton Lodge Solar Farm		Scale
Site Address		Hatherton Lodge Farm, Nantwich, CW5 7RA		1:50
Drawing		Elevation Drawing 08 On-Site Office and Welfare Facilities		Paper Size
				A3
Drawing No.		Revision		Sheet
2023-012-ED08		A		1 of 1