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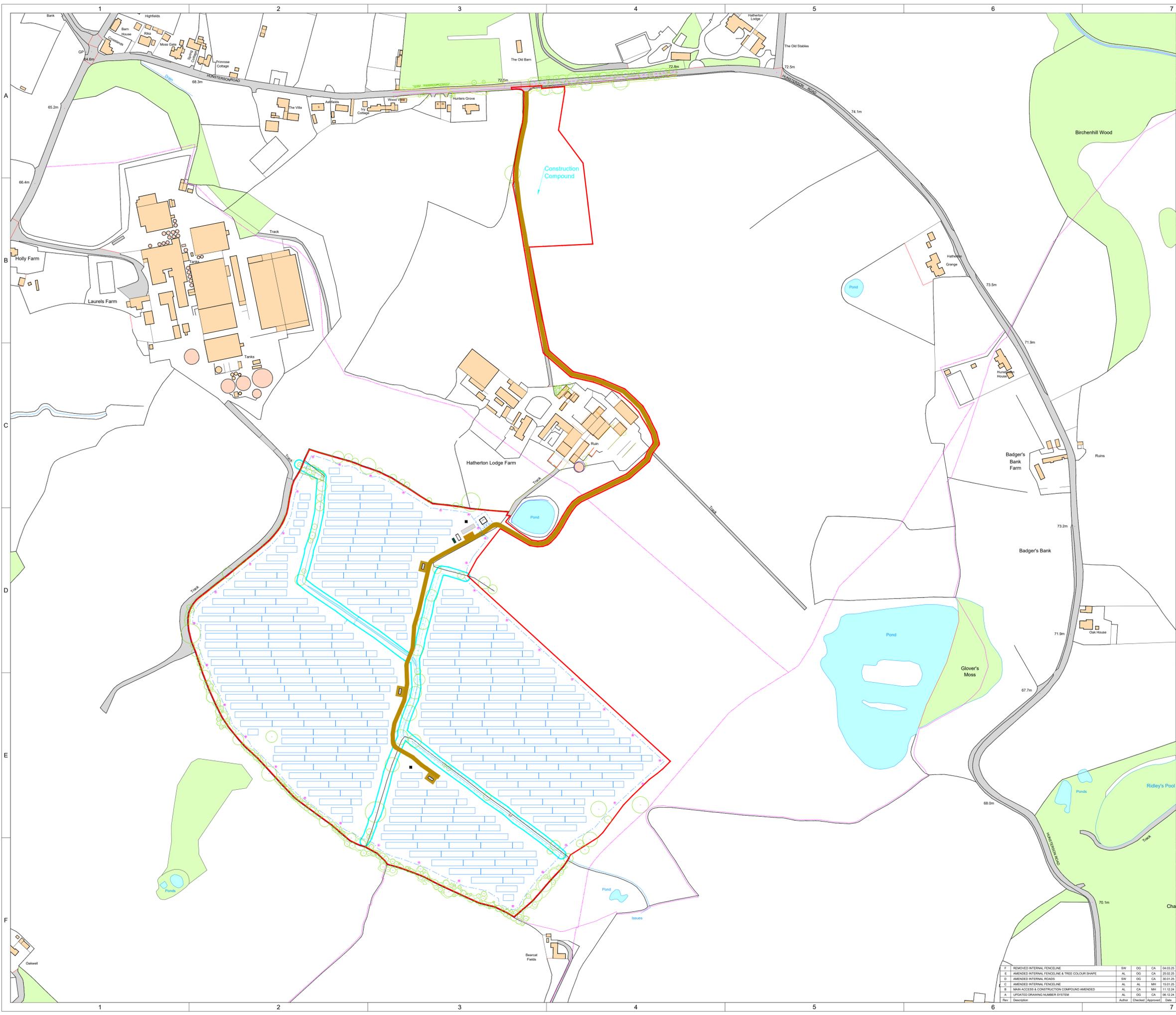
Hatherton Lodge

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

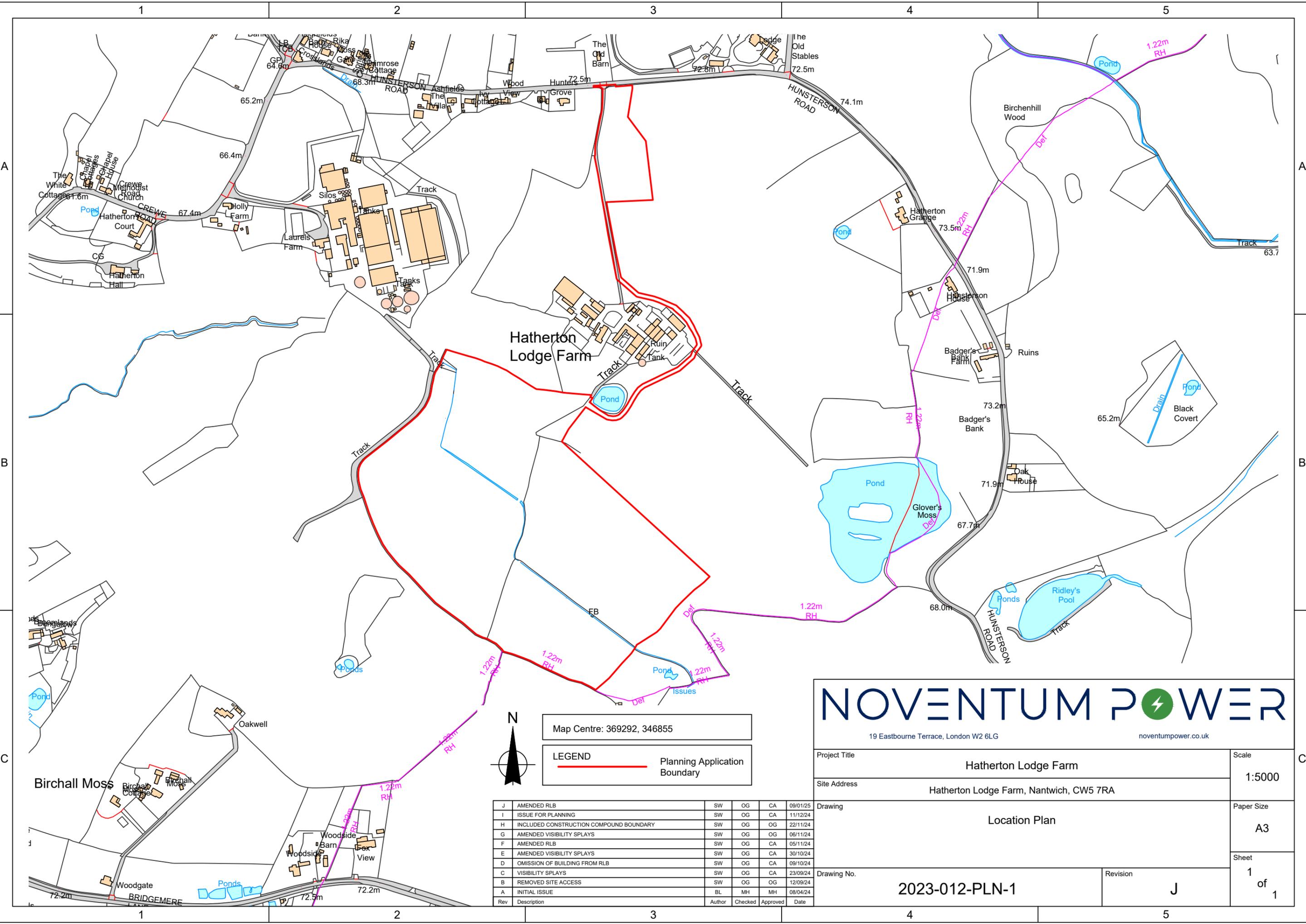


NOVENTUM POWER
 19 Eastbourne Terrace, London W2 6LG
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Project Title	Hatherton Lodge Solar Farm	Scale	1:2000
Site Address	Hatherton Lodge Farm, Nantwich, CW5 7RA	Paper Size	A1
Drawing	Site Layout	Sheet	1 of 1

Rev	Description	Author	Checked	Approved	Date
F	REMOVED INTERNAL FENCELINE	SW	OG	CA	14.03.23
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	MM	15.01.23
B	MARK ACCESS & CONSTRUCTION COMPOUND AMENDED	AL	CA	MM	11.02.24
A	UPDATED DRAWING NUMBER SYSTEM	AL	OG	CA	06.12.24

Drawing No: **2023-012- LYT -1** Revision: **F** Date: 1 of 1



Map Centre: 369292, 346855

LEGEND
— Planning Application Boundary



Rev	Description	Author	Checked	Approved	Date
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

NOVENTUM POWER

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Project Title		Hatherton Lodge Farm	Scale	1:5000	
Site Address		Hatherton Lodge Farm, Nantwich, CW5 7RA		Paper Size	A3
Drawing		Location Plan		Sheet	1 of 1
Drawing No.		2023-012-PLN-1	Revision	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	20
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

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KEY	
	Site boundary
EXISTING	
	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

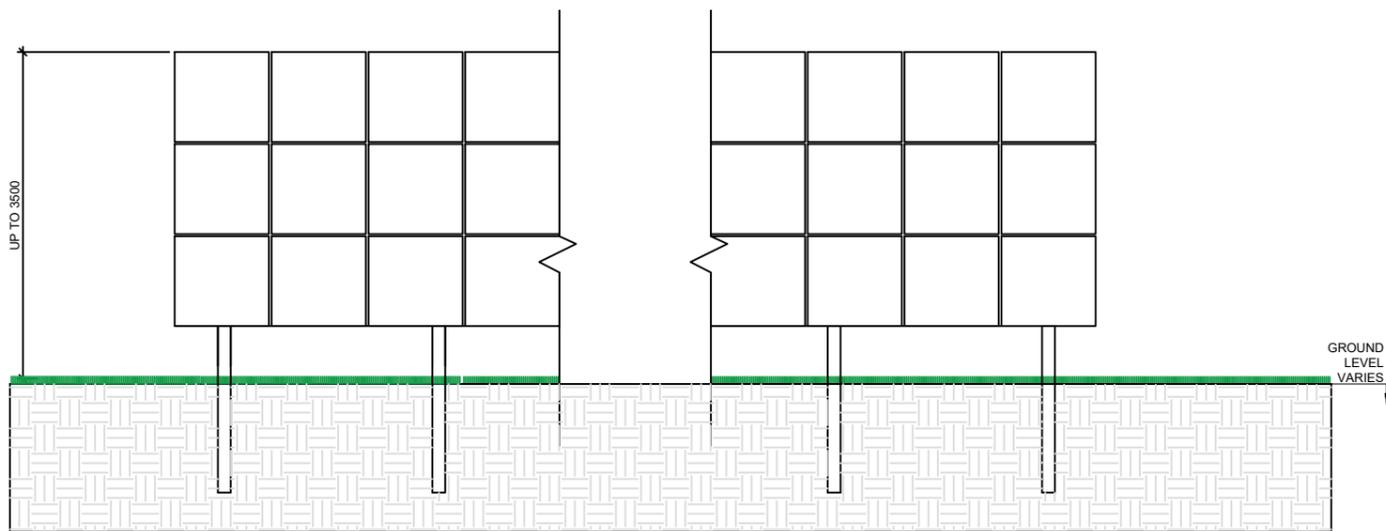
	Solar Panels
	Access track to be permeable, specified by engineers.
	Fenceline
	Sheep proof fencing
	Gates
	CCTV locations
	On site buildings and structures
	On site parking

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

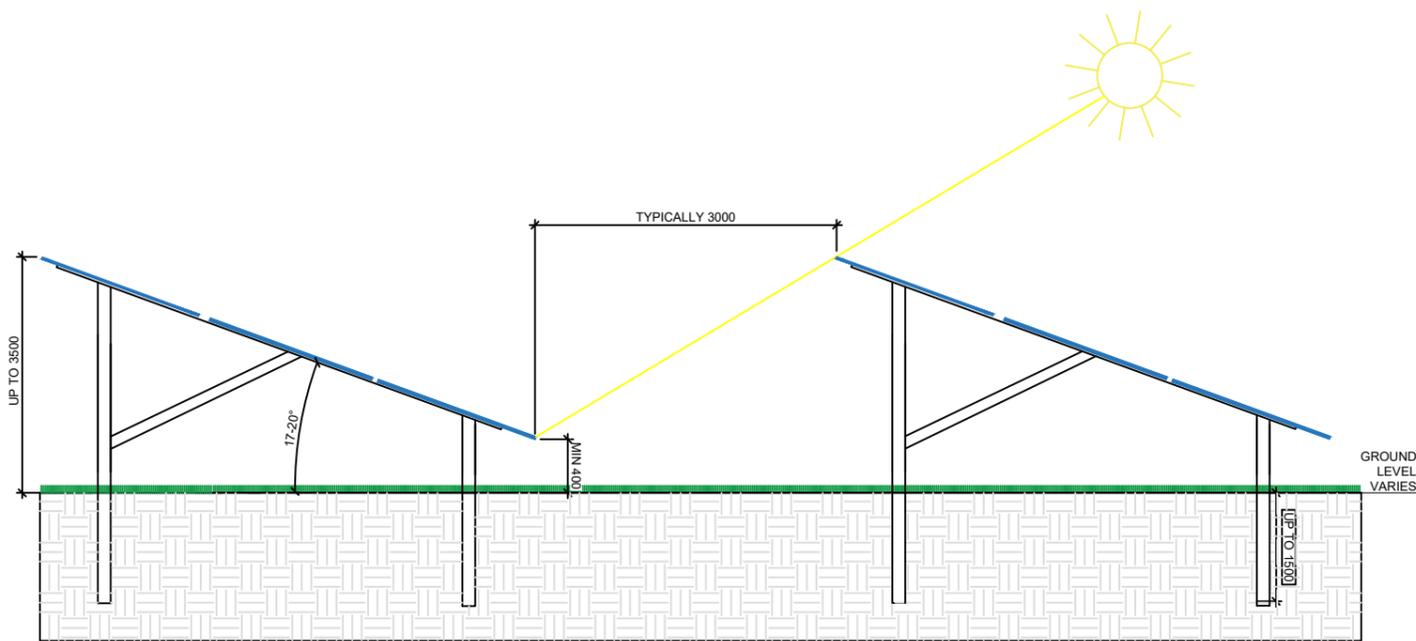
Rev	Date	By	Note
E	07/03/25	LB	Amends to internal fences
D	31/01/25	KCh	Amends in line with new layout
C	05/12/24	KCh	Amends Red line and access track
B	14/10/24	KCh	Amends to Layout
A	03/10/24	KCh	Amends to watercourse planting
-	24/09/24	KCh	First Issue

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
 Scale: 1:2,750 @ A2



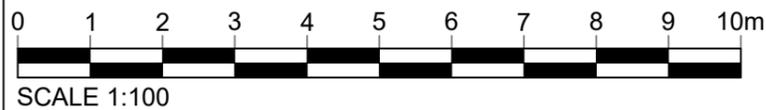
TYPICAL PV ARRAY
FRONT ELEVATION



TYPICAL PV ARRAY
END ELEVATION

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 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.



Rev	Description	Author	Checked	Approved	Date
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

NOVENTUM POWER

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

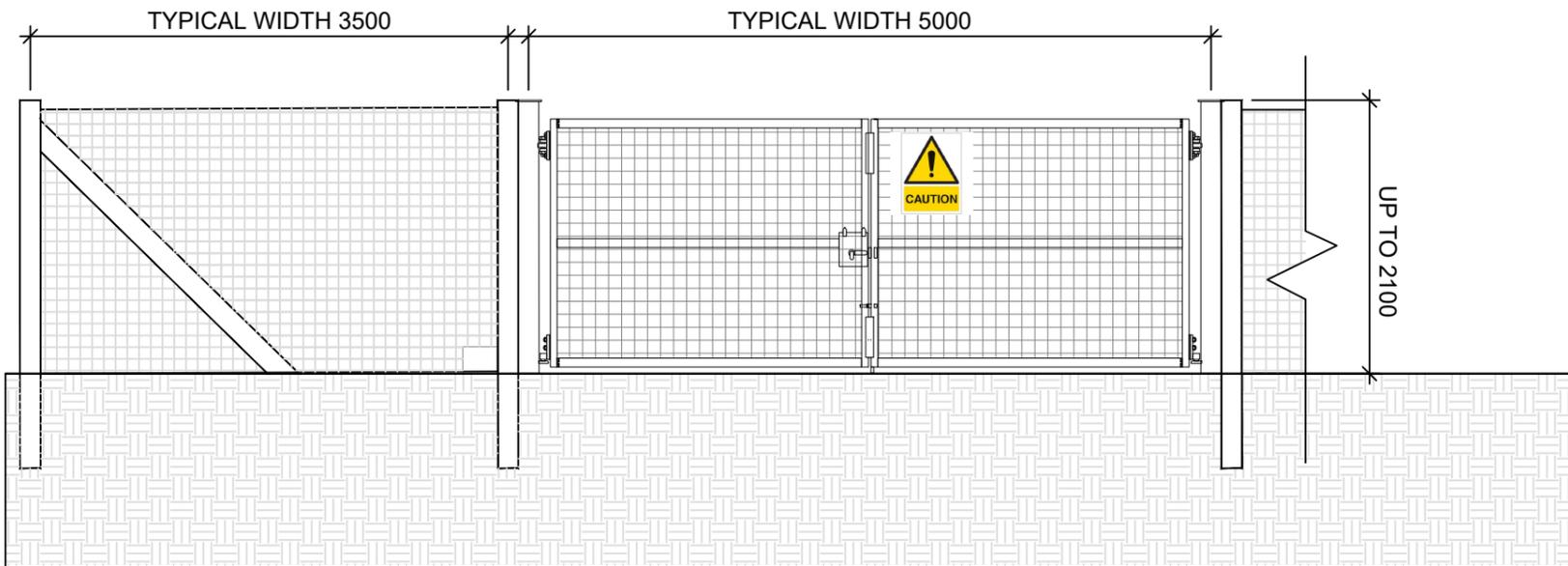
1

2

3

4

5



TYPICAL SITE PERIMETER
FENCE AND SECURITY GATE
FRONT ELEVATION

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 millimetres unless otherwise stated.
3. Post and wire deer fence around the perimeter of the Site.



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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



SCALE 1:50

Rev	Description	Author	Checked	Approved	Date
C	INCLUDED IMAGE	SW	AL	CA	04/12/24
B	ISSUE FOR PLANNING	SW	AL	CA	30/08/24
A	INITIAL ISSUE	SW	AL	CA	15/08/24

1

2

3

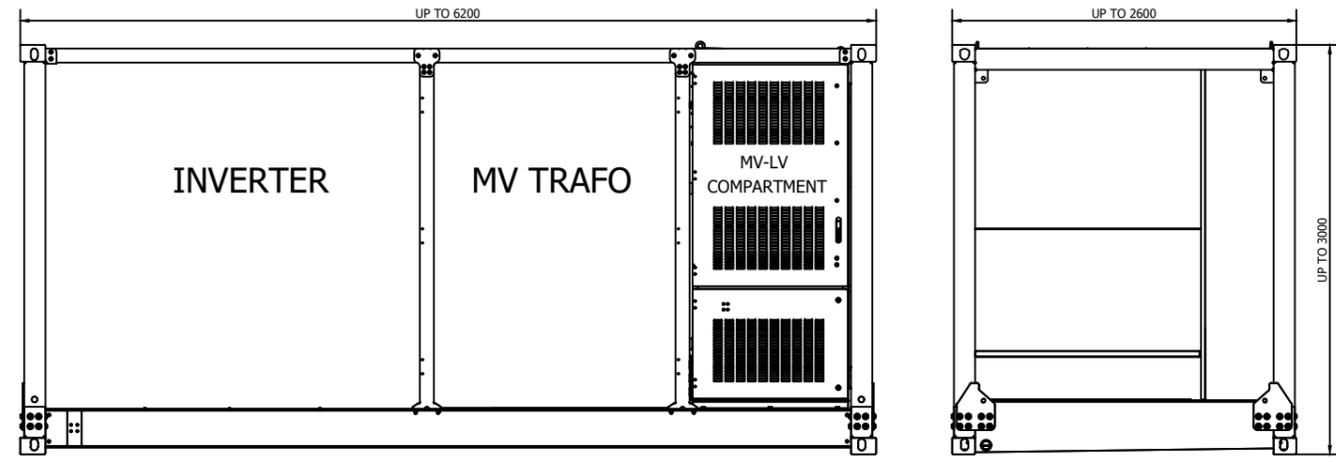
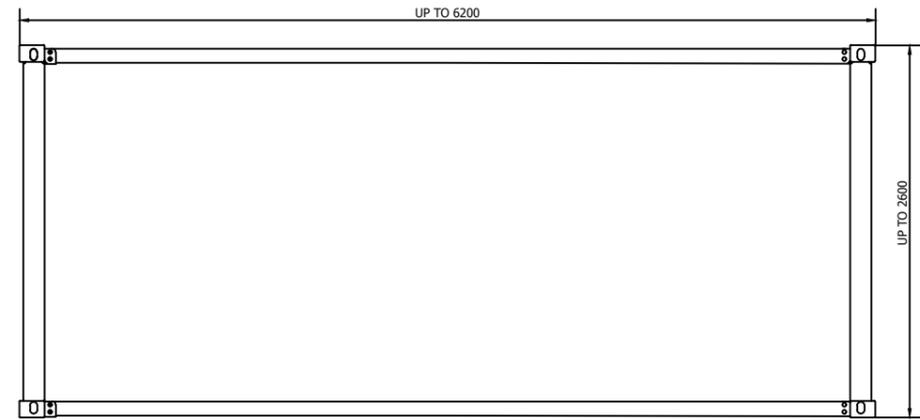
4

5

1 2 3 4 5

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



A

B

C



SCALE 1:50

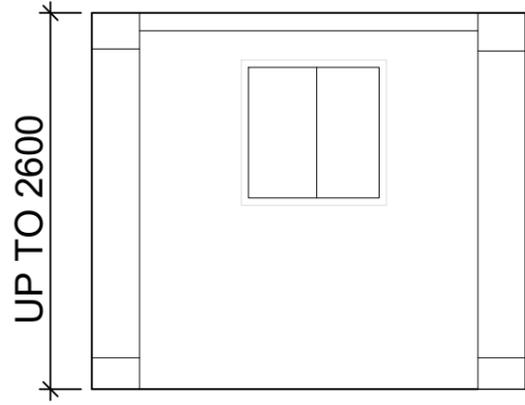
B	ISSUE FOR PLANNING	SW	AL	CA	30.08.24
A	INITIAL ISSUE	SW	AL	CA	15.08.24
Rev	Description	Author	Checked	Approved	Date

NOVENTUM POWER

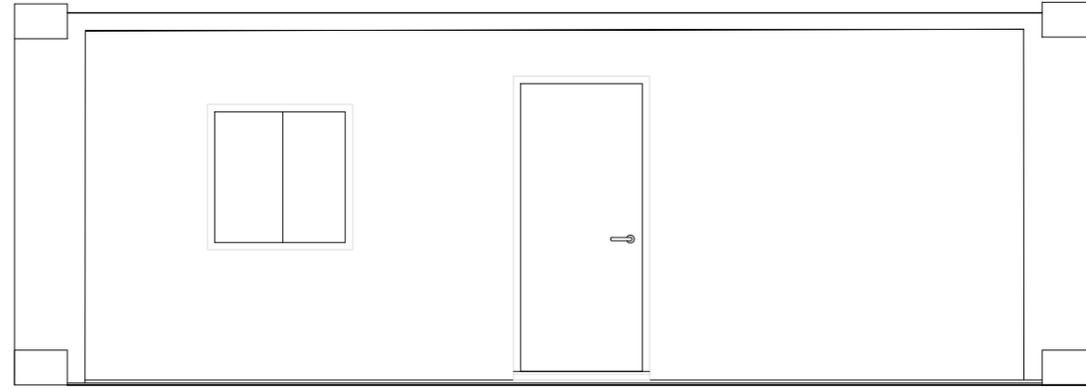
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Project Title		Hatherton Lodge Solar Farm	Scale 1:50
Site Address		Hatherton Lodge Farm, Nantwich, CW5 7RA	
Drawing		Elevation Drawing 03 Inverter Station Elevations	Paper Size A3
Drawing No.		2023-012_ED03	Revision B
			Sheet 1 of 1

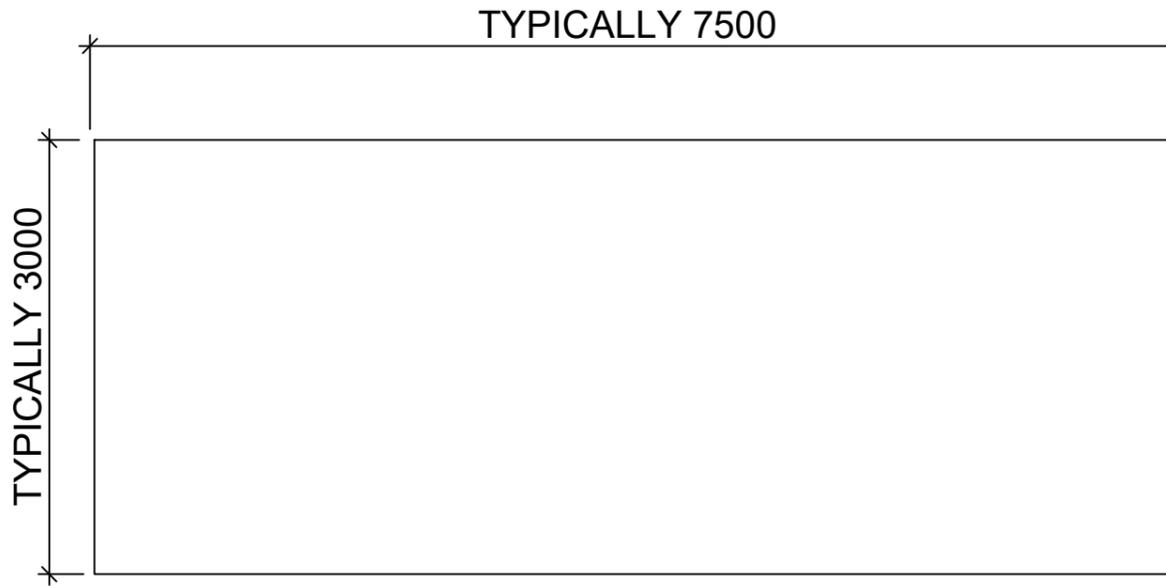
1 2 3 4 5



SIDE VIEW



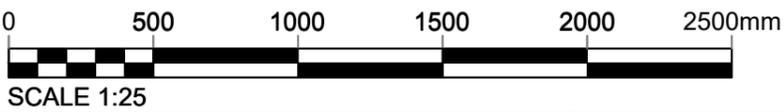
FRONT VIEW



PLAN VIEW

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 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.



Rev	Description	Author	Checked	Approved	Date
C	AMENDED NOTES	SW	AL	CA	04/12/24
B	ISSUE FOR PLANNING	SW	AL	CA	30/08/24
A	INITIAL ISSUE	SW	AL	CA	15/08/24

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