



Meerdyke Solar Farm

Environmental Statement

Volume 3: Figures

October 2022



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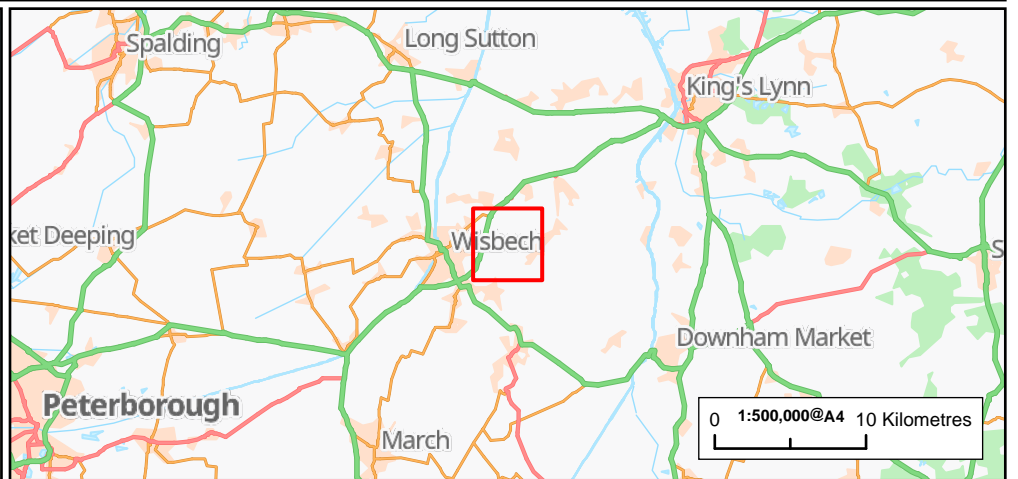
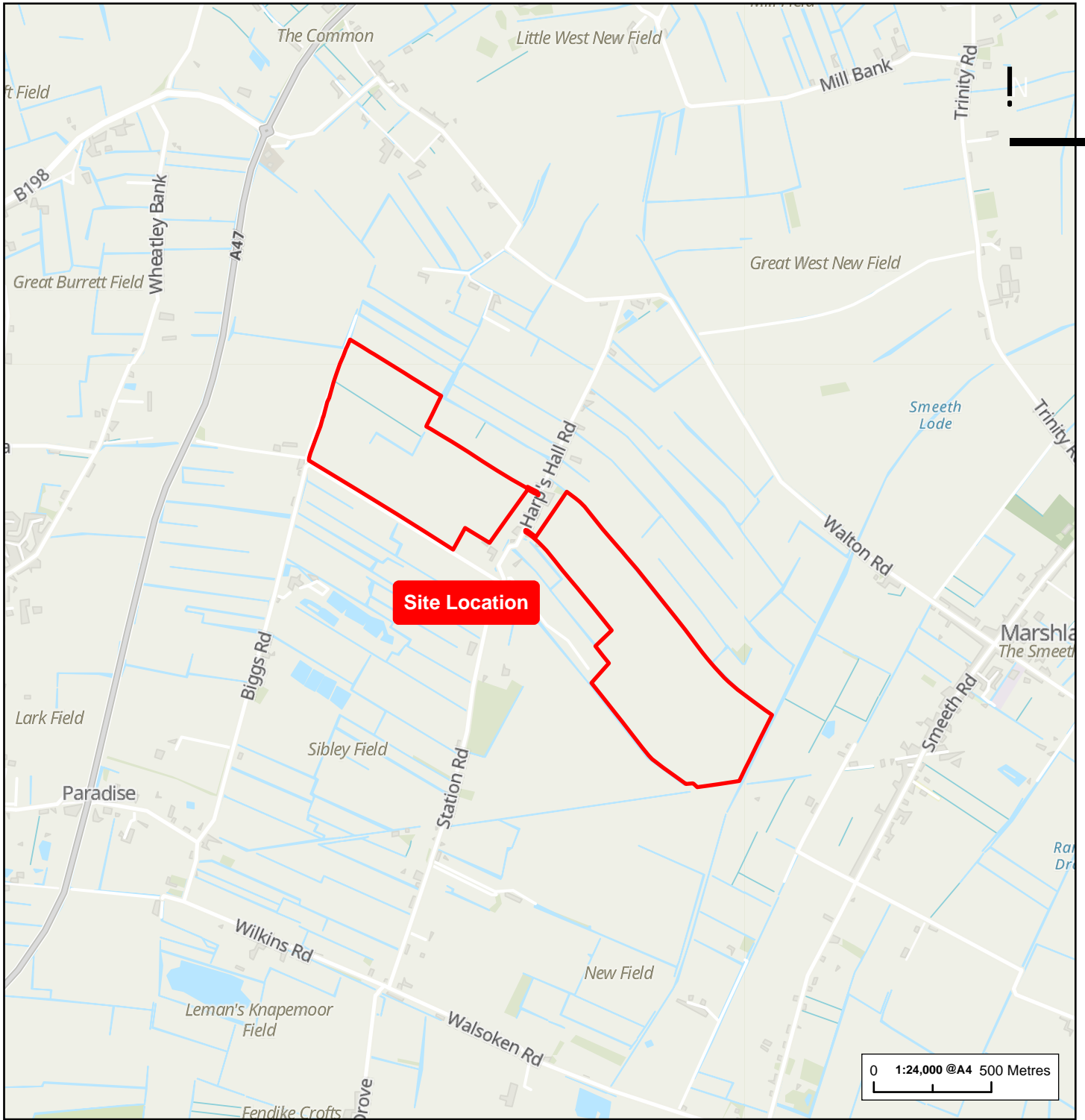
None

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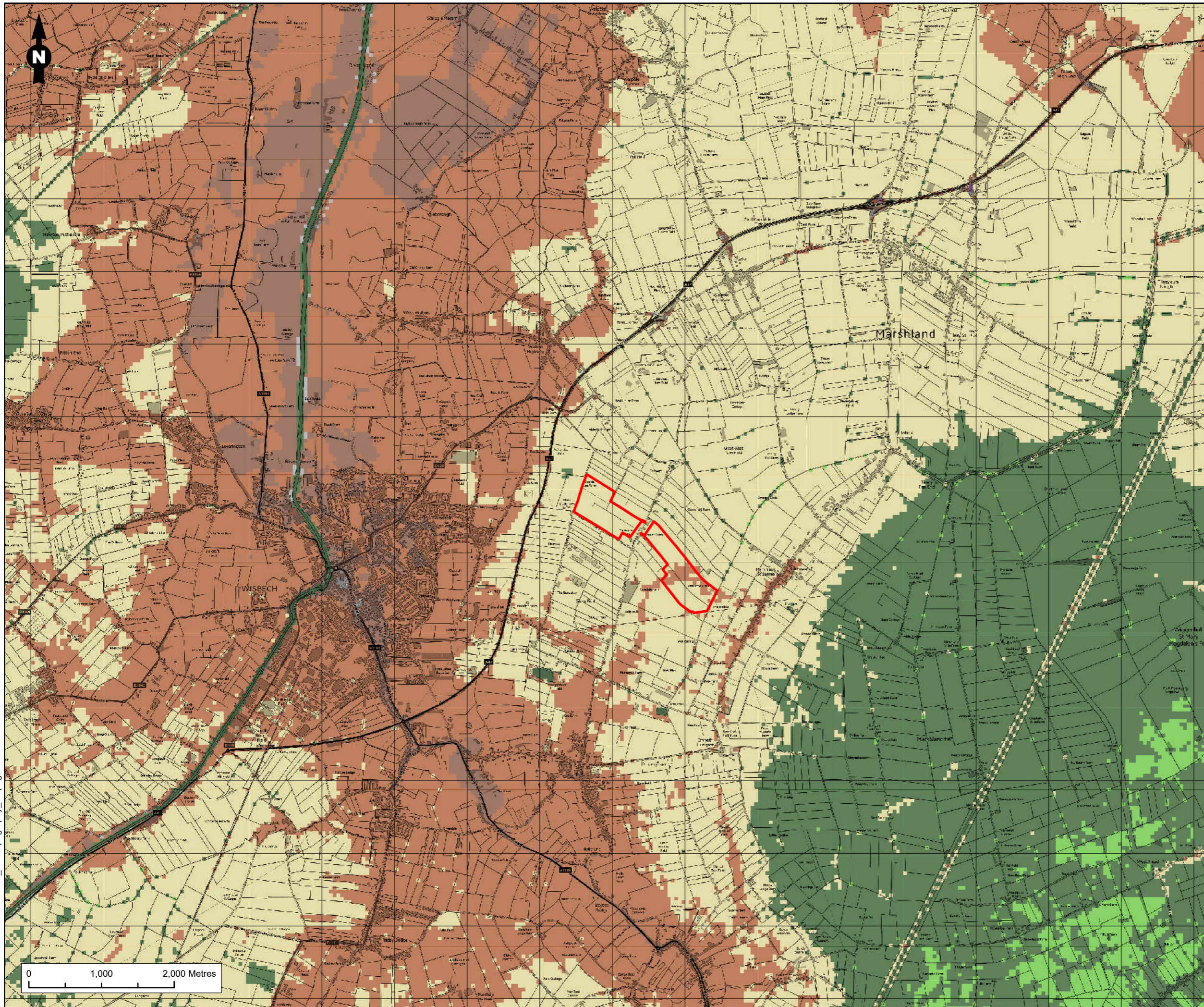
- Figure 6.1 Study Area and Construction Traffic Route



| | | | |
|--|---|-----------------------------|--------------------------|
| Figure Title Figure 1.1: Site Location | Project Name Meerdyke Solar Farm | Date October 2022 | |
| | | Scale As shown | |
| Project Number 1620013921 | Client Downing Renewable Developments | Issue 1 | Prepared By CT |



1620013921-RAM-MA-ES-00001_SiteLocation_05.page



Legend

- Site Boundary

Terrain Height (mAOD)

- 3.9 - -2
- 1.9 - 0
- 0.1 - 2
- 2.1 - 4
- 4.1 - 6
- 6.1 - 8
- 8.1 - 10
- 10.1 - 12

Figure Title
Site topography

Project Name
Meerdyke Solar Farm

| | |
|------------------------------|-------------------|
| Project Number 1620013921 | Figure No. 1.2 |
|------------------------------|-------------------|

| | |
|----------------------|-------------------|
| Date October 2022 | Prepared By CT |
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| Scale 1:50,000 @A3 | Issue 1 |
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Legend

Site Boundary

Figure Title
Existing Site Plan

Project Name
Meerdyke Solar Farm

| | |
|------------------------------|--------------------|
| Project Number 1620013921 | Figure No. 2.1a |
| Date October 2022 | Prepared By CT |
| Scale 1:4,000 @A3 | Issue 1 |

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1620013921-RAV-MA-ES-00002_ExistingSitePlan_04.pagx



Legend

 Site Boundary

Figure Title

Existing Site Plan

Project Name

Meerdyke Solar Farm

Project Number

1620013921

Figure No.

2.1b

Date

October 2022

Prepared By

CT

Scale

1:5,000 @A3

Issue

1

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0 250 500 Metres



Legend










| | |
|---|-----------------------------------|
|  | Site Boundary |
|  | Temporary Construction Compound A |
|  | Temporary Construction Compound B |
|  | Palisade Fence |
|  | Access Tracks |
|  | Access Tracks (50cm Buffer) |
|  | Security Fence (5m Buffer) |
|  | Landscaping (5m Buffer) |
|  | Solar Modules |

Figure Title
Proposed Site Plan

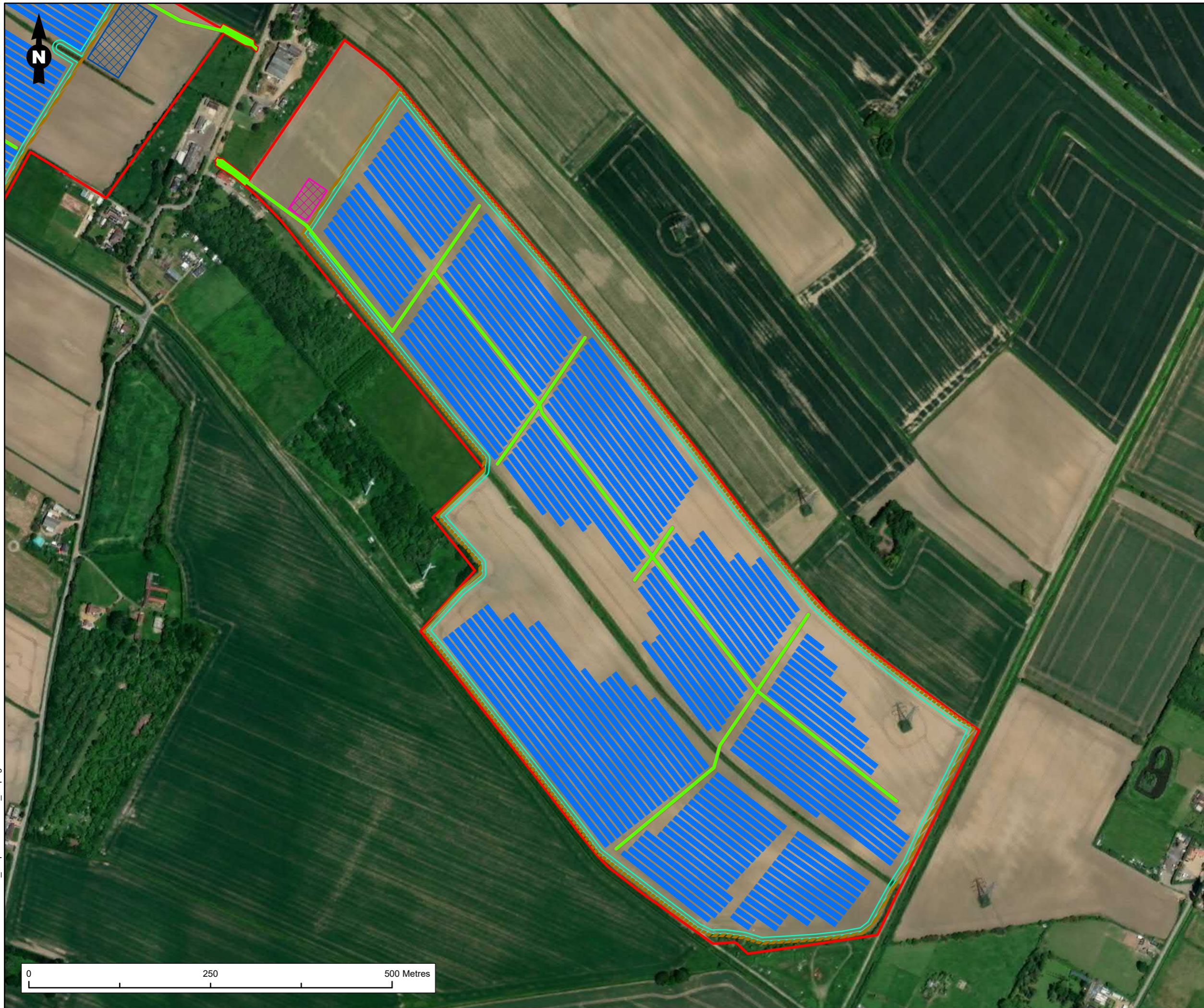
Project Name
Meerdyke Solar Farm

| | |
|------------------------------|--------------------|
| Project Number 1620013921 | Figure No. 2.2a |
| Date October 2022 | Prepared By CT |
| Scale 1:4,000 @A3 | Issue 1 |

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1620013921-RAM-MA-ES-00003_ProposedSitePlan_06.pagx



Legend

- Site Boundary
- Temporary Construction Compound A
- Temporary Construction Compound B
- Access Tracks
- Access Tracks (50cm Buffer)
- Security Fence (5m Buffer)
- Landscaping (5m Buffer)
- Solar Modules

Figure Title
Proposed Site Plan

Project Name
Meerdyke Solar Farm

| | |
|------------------------------|--------------------|
| Project Number 1620013921 | Figure No. 2.2b |
| Date October 2022 | Prepared By CT |
| Scale 1:5,000 @A3 | Issue 1 |

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1620013921-RAM-MA-ES-00003_ProposedSitePlan_06 pagx



Structure Front View

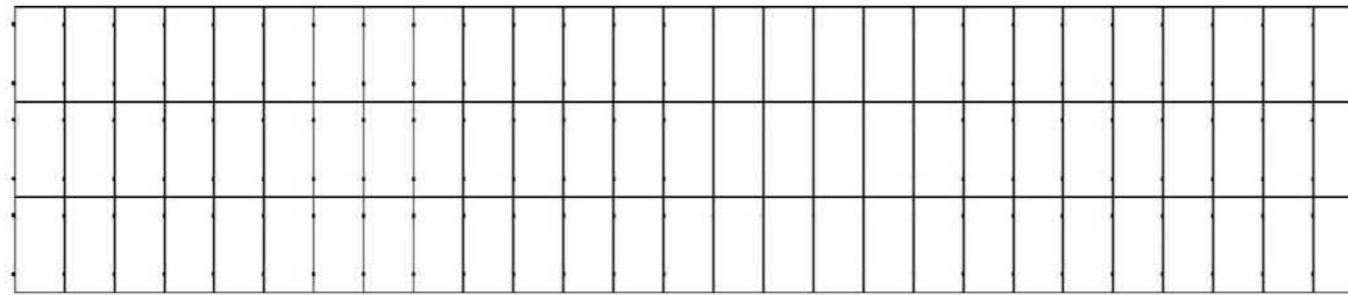
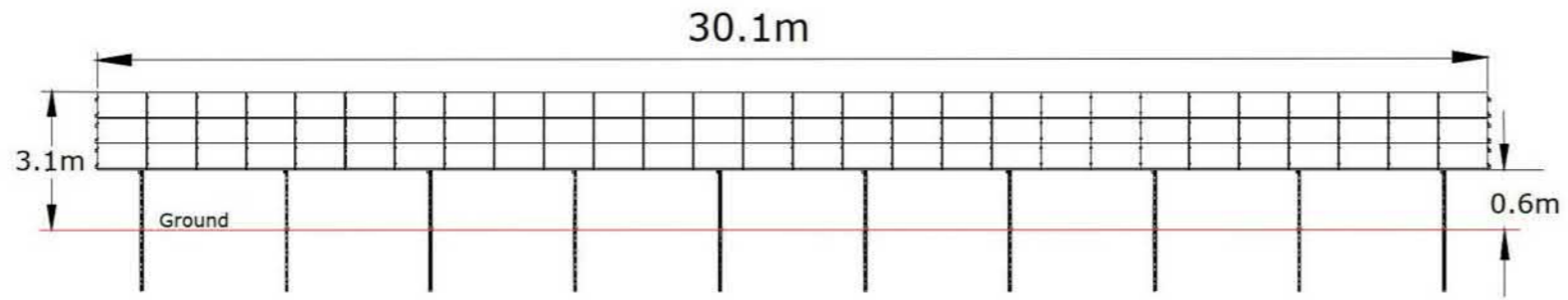
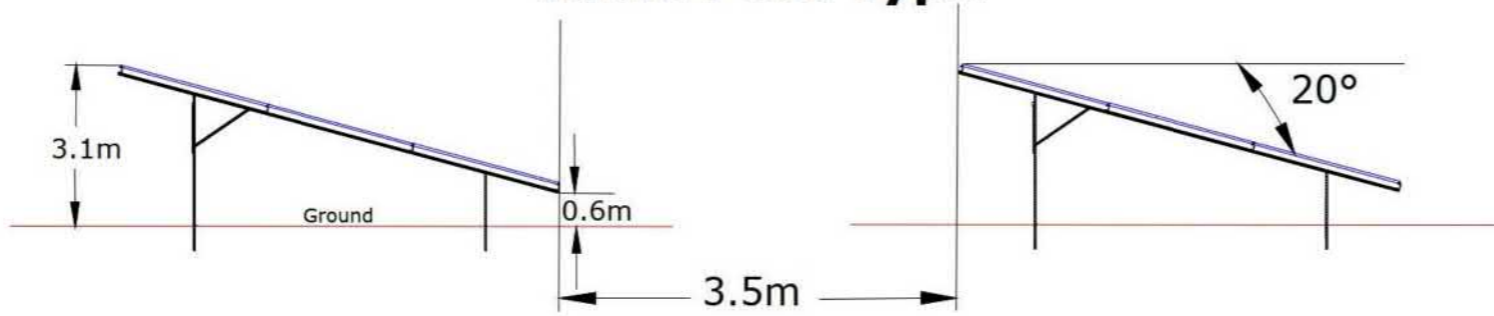


Table Post Type



Concrete Base Type

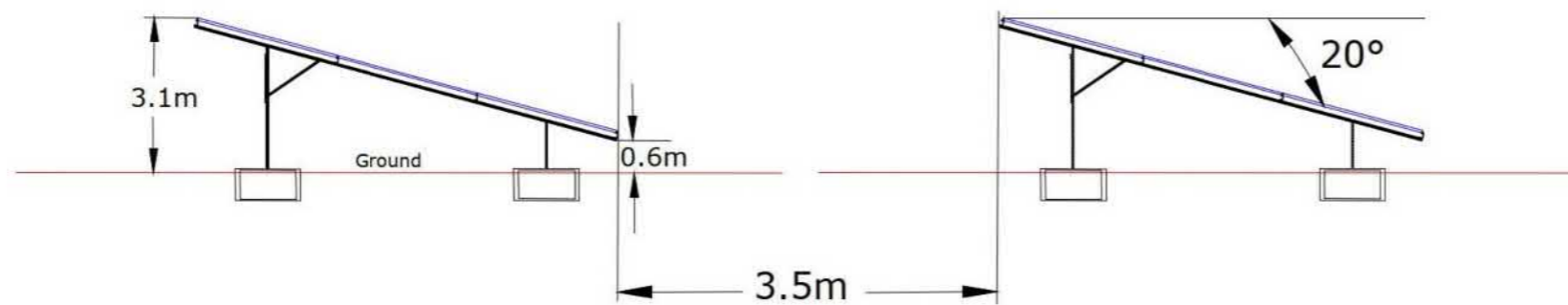


Figure Title
Typical Array Details

Project Name
Meerdyke Solar Farm

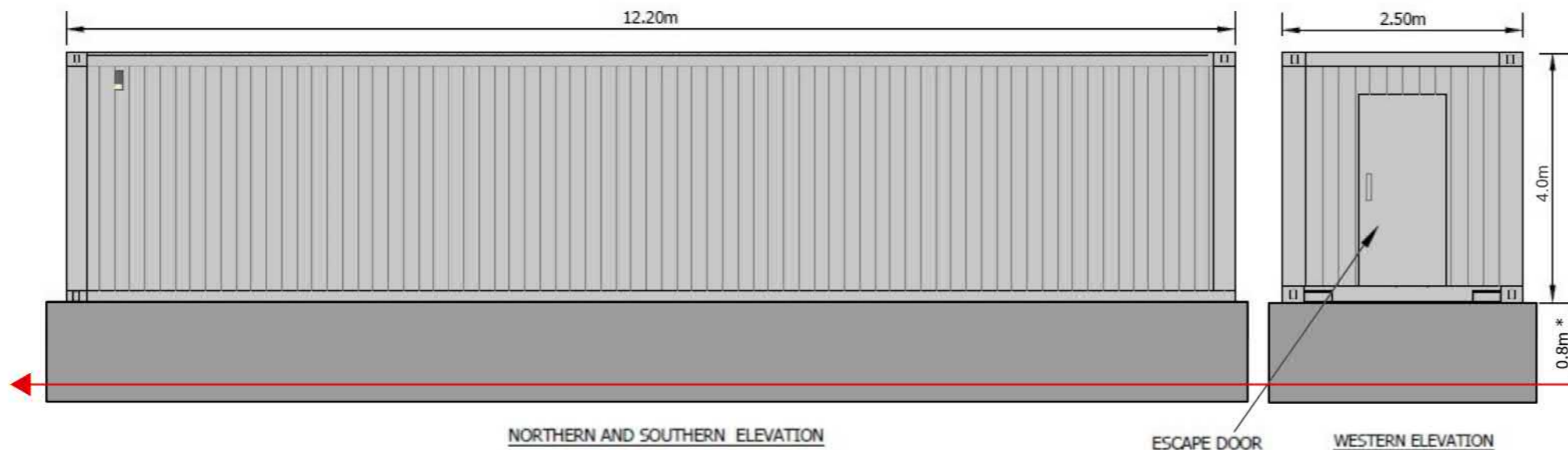
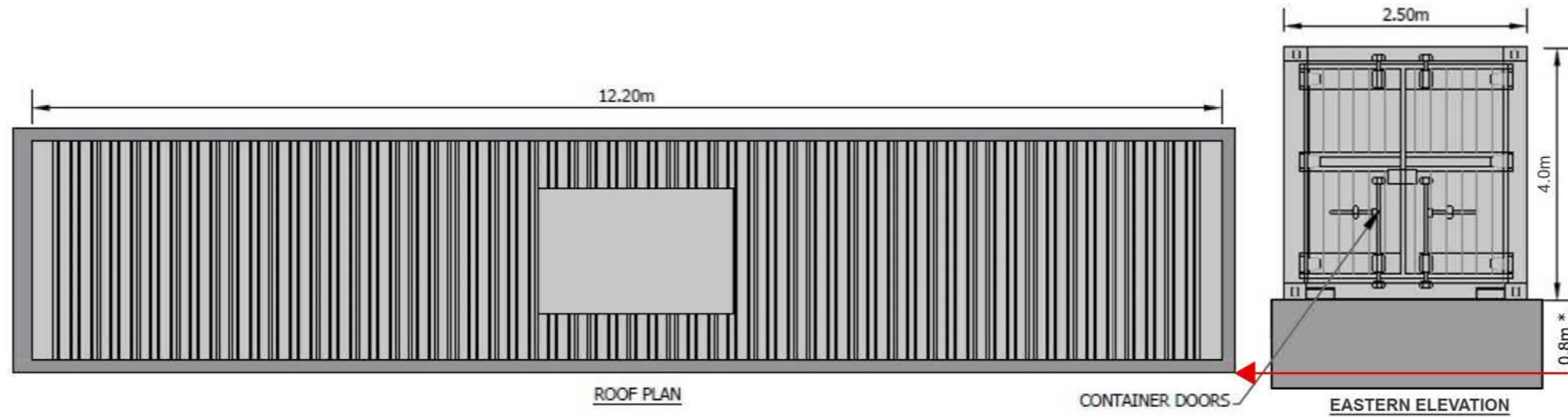
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| Project Number 1620013921 | Figure No. 2.3 |
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| Date October 2022 | Prepared By CT |
|----------------------|-------------------|

| | |
|-------|------------|
| Scale | Issue 1 |
|-------|------------|

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* Maintenance Clearance Elevation

Nominal Ground Level ←

Figure Title

Typical Substation and Battery Storage Details

Project Name

Meerdyke Solar Farm

Project Number

1620013921

Figure No.

2.4

Date

October 2022

Prepared By

CT

Scale

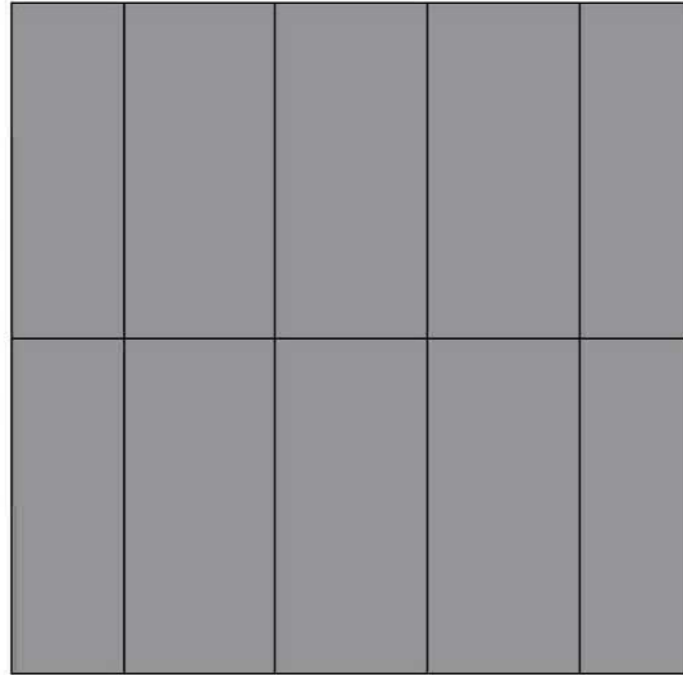
Issue

1

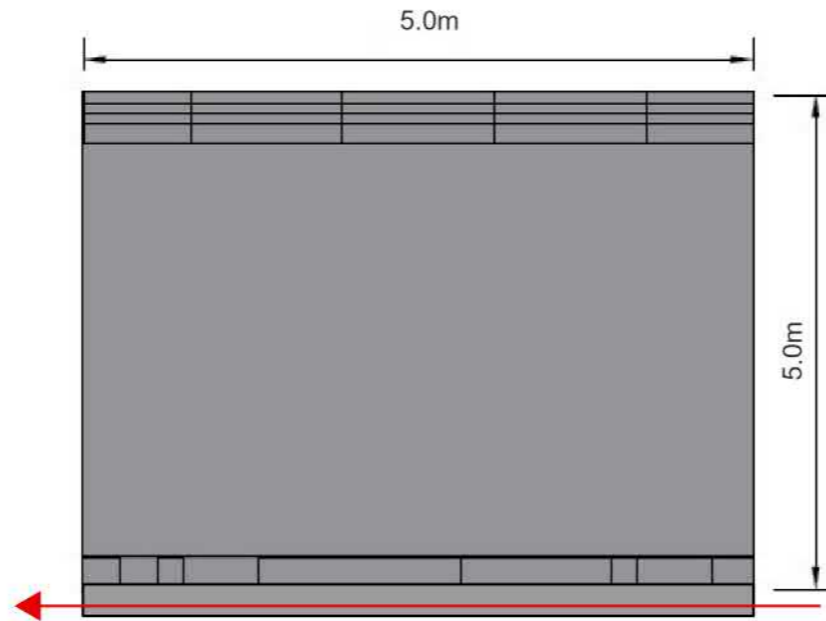
Client

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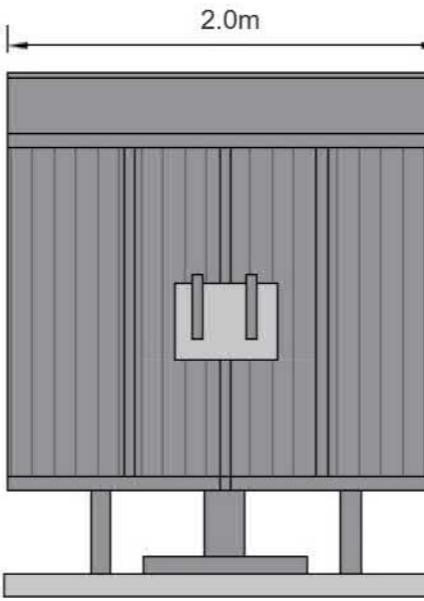




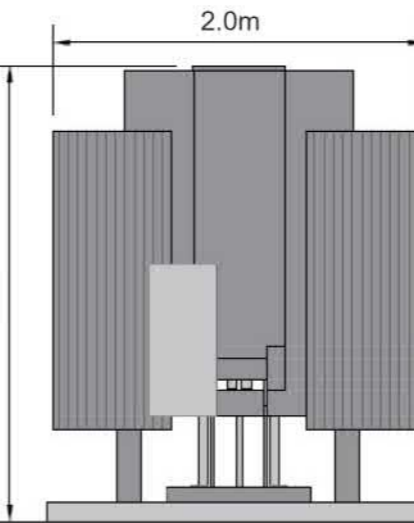
ROOF PLAN



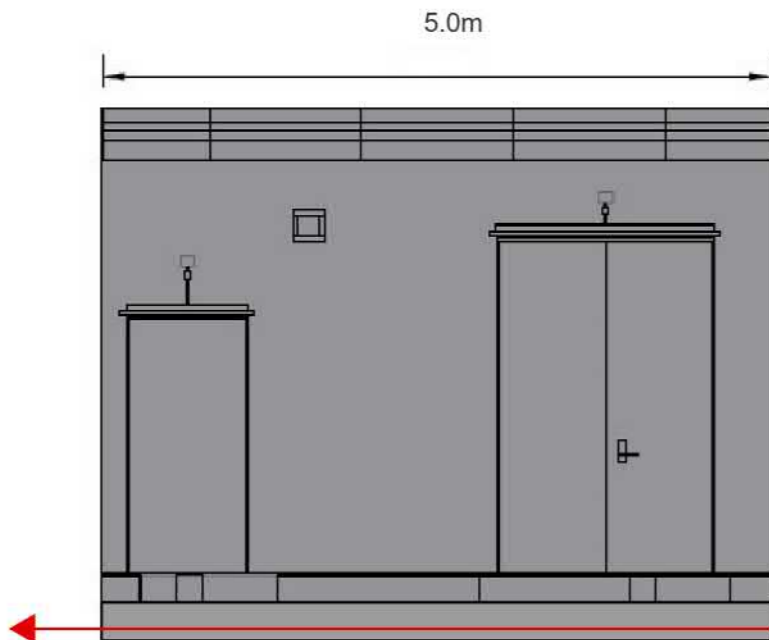
END ELEVATION



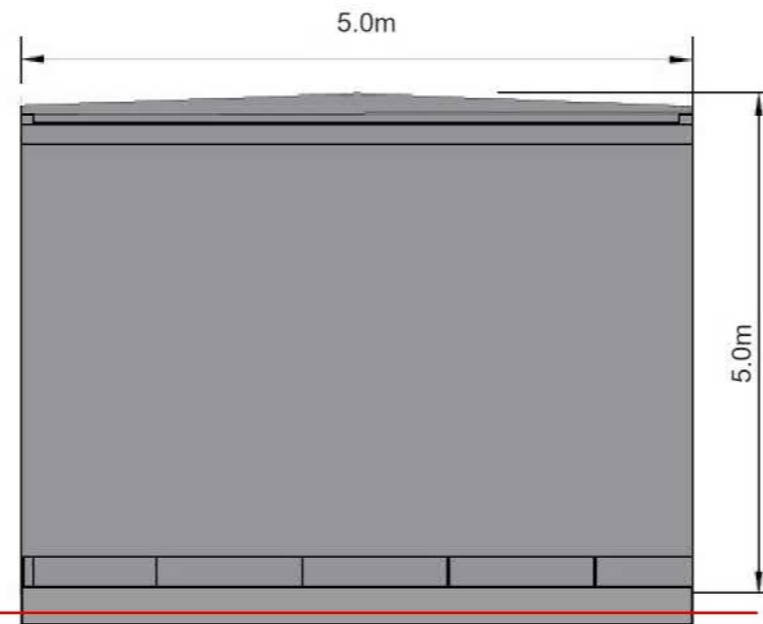
NORTHERN -ELEVATION



EASTERN AND WESTERN ELEVATION



FRONT ELEVATION



END ELEVATION

Typical Transformer (Unhoused) shown below

Nominal Ground Level ←

Note: The transformer and Switchgear will be housed within the housing at the Meerdyke Substation Compound.

Figure Title

Typical Switchgear and Transformer Housing

Project Name

Meerdyke Solar Farm

Project Number

1620013921

Figure No.

2.5

Date

October 2022

Prepared By

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Scale

Issue

1

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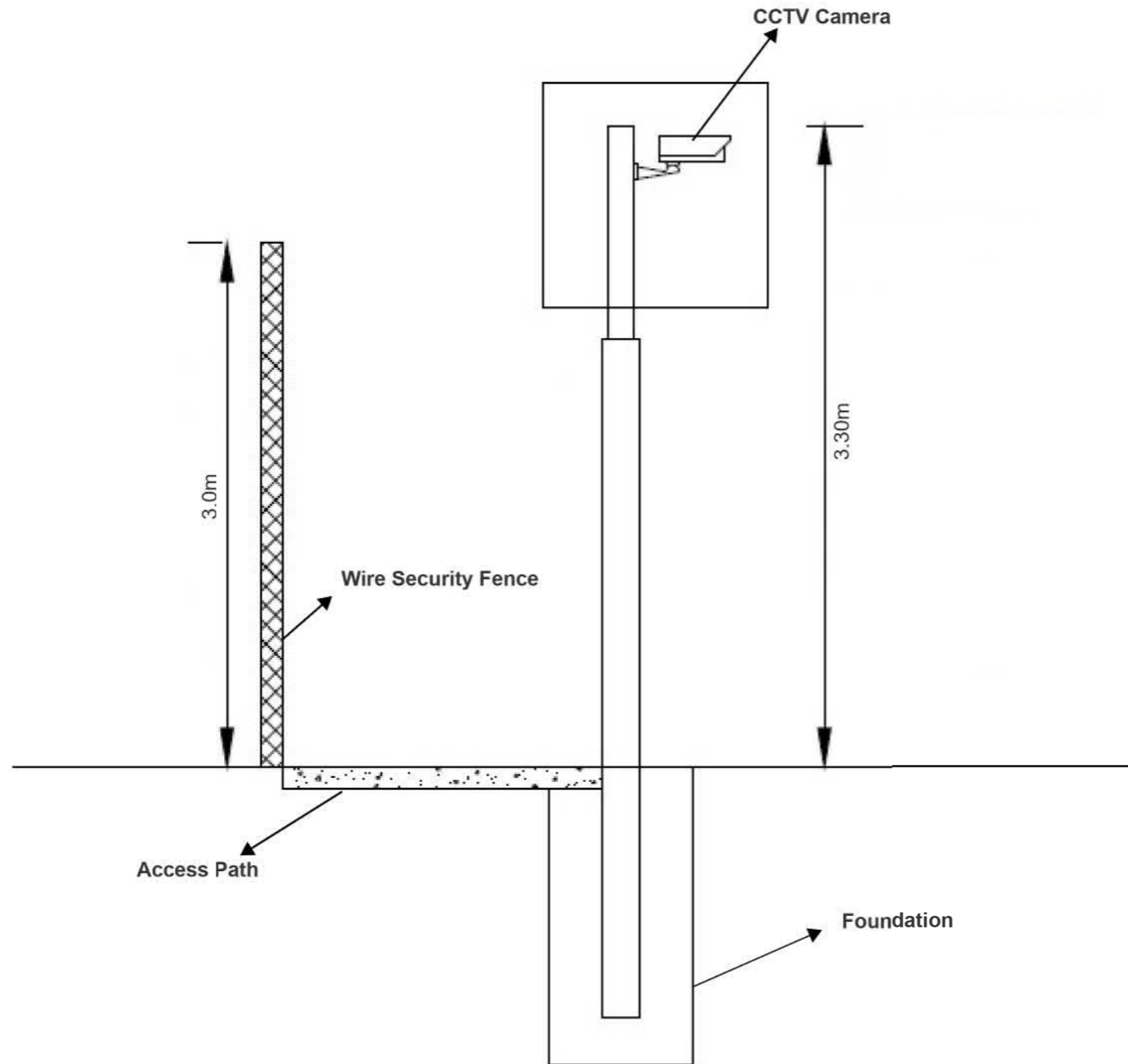


Figure Title
Typical Fence and CCTV Details

Project Name
Meerdyke Solar Farm

| | |
|------------------------------|-------------------|
| Project Number 1620013921 | Figure No. 2.6 |
|------------------------------|-------------------|

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|----------------------|-------------------|
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|-------|------------|
| Scale | Issue 1 |
|-------|------------|

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