

Tween Bridge Solar Farm

Environmental Statement

Figure 2.6: Indicative Layouts and Cross Section Plans

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

APFP Regulation 5(2)(a)

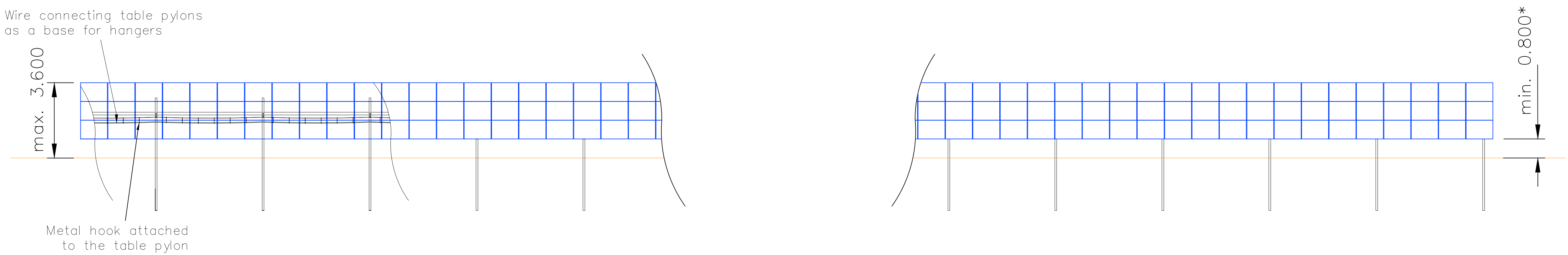
Document Reference: 6.4.2.6

August 2025

Revision 1

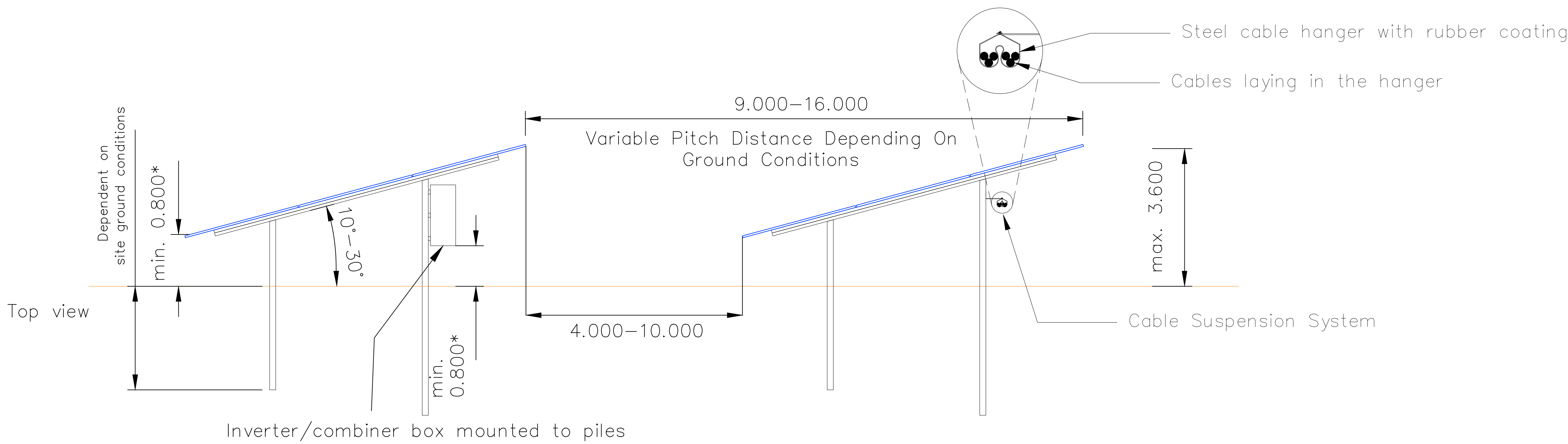
Table front view – 3 modules in portrait

Table back view – cable suspension system



*To be raised at least 100mm above 1in1000 year flood levels

Table side view



*To be raised at least 100mm above 1in1000 year flood levels

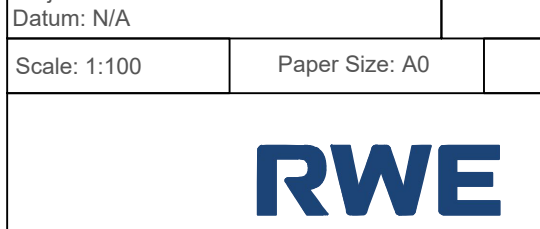
Notes:
1. All details are indicative only.
2. Dimensions are in metres unless stated otherwise.

Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical 3P Fixed Table - Piled

Coordinate System: N/A
Projection: N/A
Datum: N/A

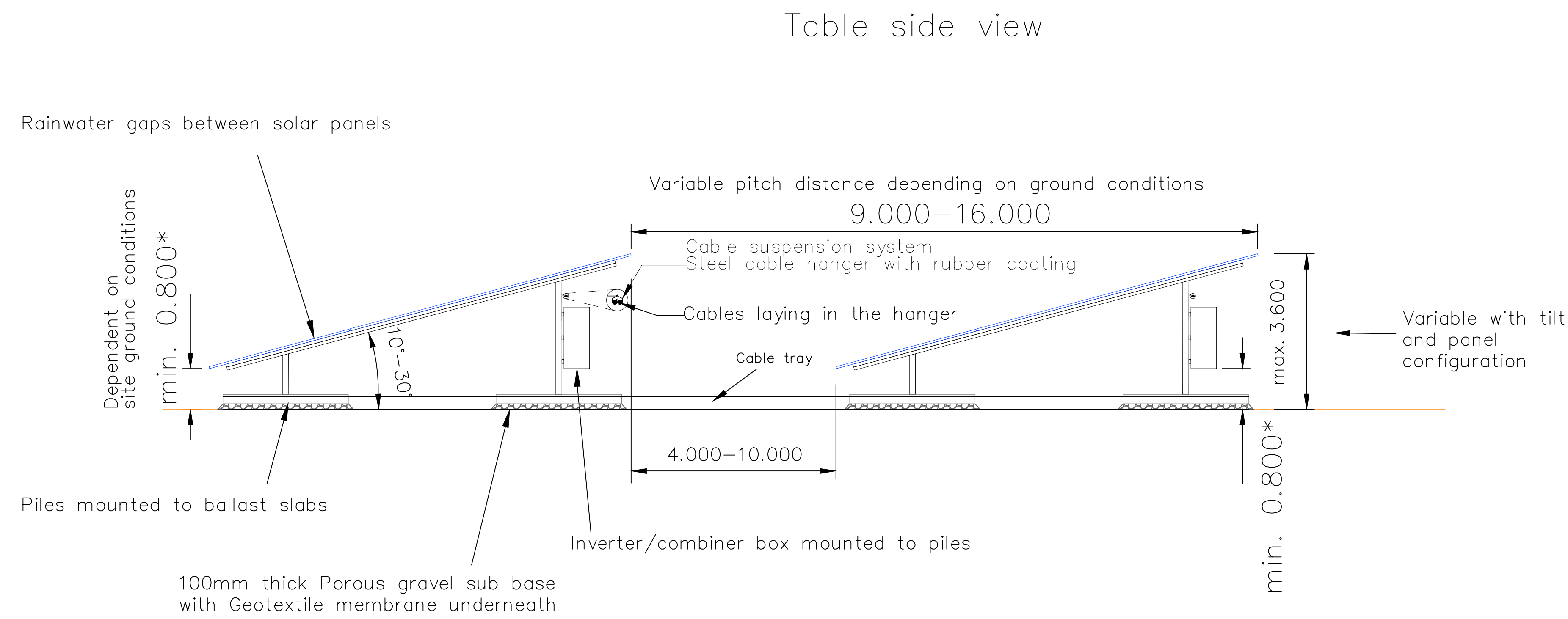
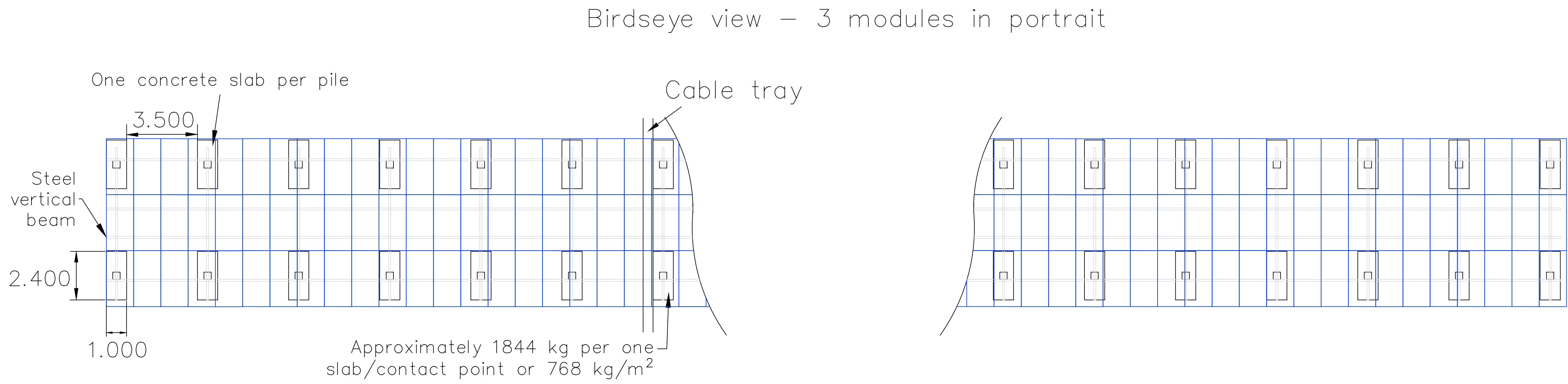
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Sheet: 1 of 21



Document Ref: 6.4.2.6
Revision: 1

PINS Number: EN010148
Drawing Status: DCO Application

Drawn: MP
Checked: AD
Approved: MB
Date: 19/08/2025



*To be raised at least 100mm about 1in1000 year flood levels

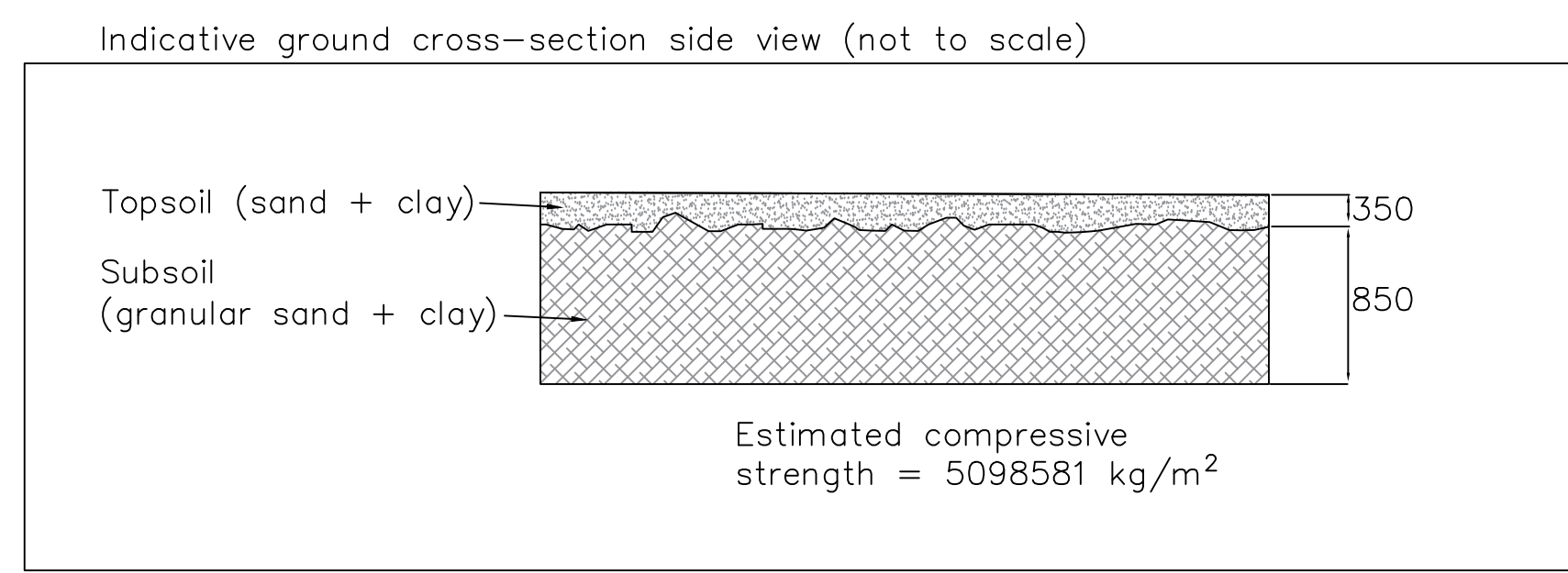


Table 1: Approximate constituents of a contact point

Item name	Weight [kg]
15 PV Panels	420
PV frame for 15 panels	45
Solar inverter for 15 Panels	90
Shingle layer	379
Concrete slab	1000
TOTAL weight	1844

LEGEND

Notes:
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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical 3P Fixed Table - Ballasted

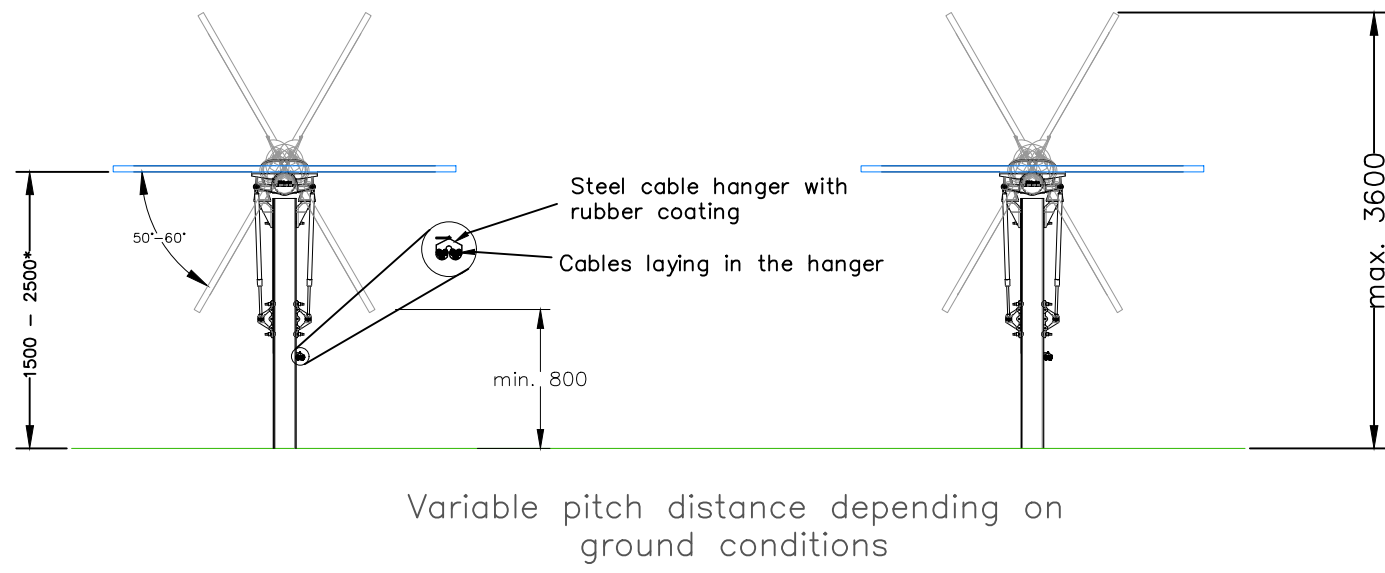
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RWE

Document Ref: 6.4.2.6 Revision: 1
PINS Number: EN010148 Drawing Status: DCO Application
Drawn: MP Checked: AD Approved: MB Date: 18/08/2025

Table front view – 1 module in portrait



*To be raised at least 100mm above 1in1000 year flood levels

Table side view – 1 module in portrait

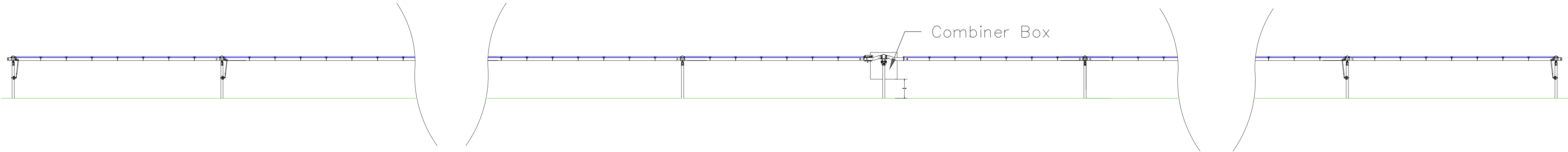
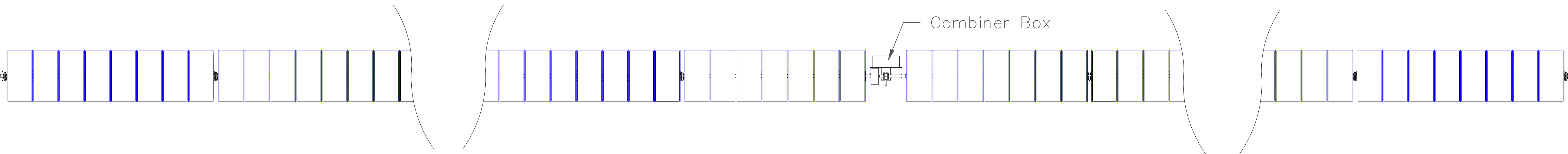


Table top view – 1 module in portrait



LEGEND

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Tween Bridge Solar Farm

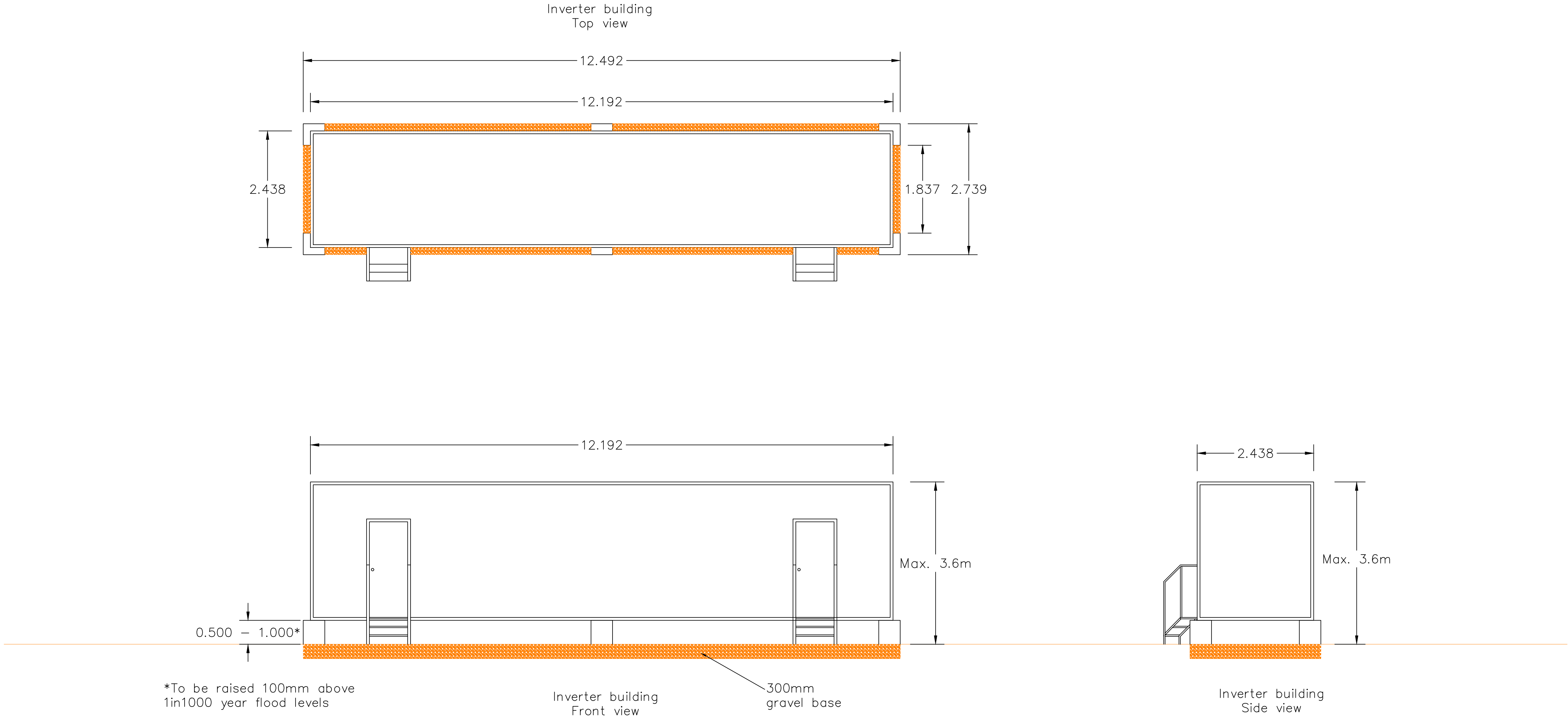
Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical 1P Tracker Table - Piled

Coordinate System: N/A
Projection: N/A
Datum: N/A

Scale: 1:100
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Sheet: 3 of 21

RWE

Document Ref: 6.4.2.6
Revision: 1
PINS Number: EN010148
Drawing Status: DCO Application
Drawn: MP
Checked: AD
Approved: MB
Date: 19/08/2025

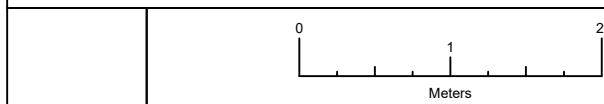


LEGEND

- Notes:
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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Inverter Building

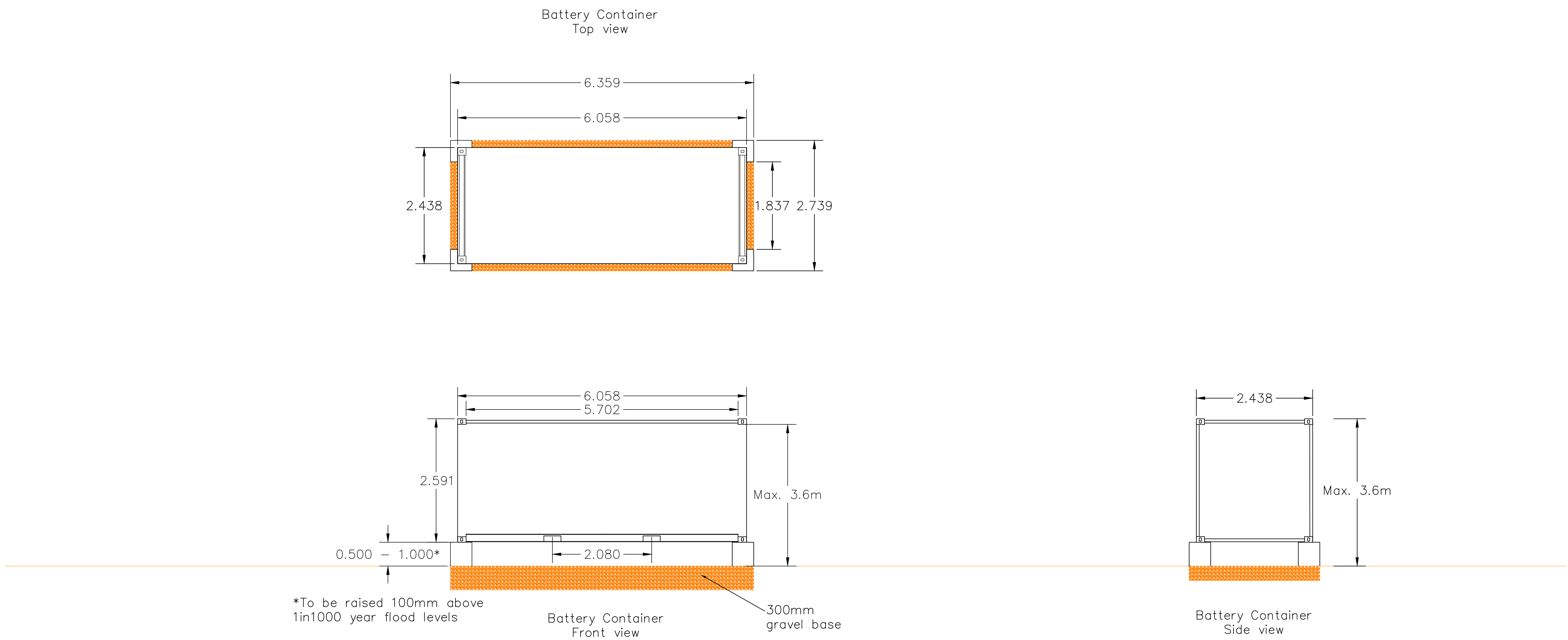


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Projection: N/A
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RWE

Document Ref: 6.4.2.6			Revision: 1
PINS Number: EN010148		Drawing Status: DCO Application	
Drawn: MP	Checked: AD	Approved: MB	Date: 18/08/2025



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Tween Bridge Solar Farm

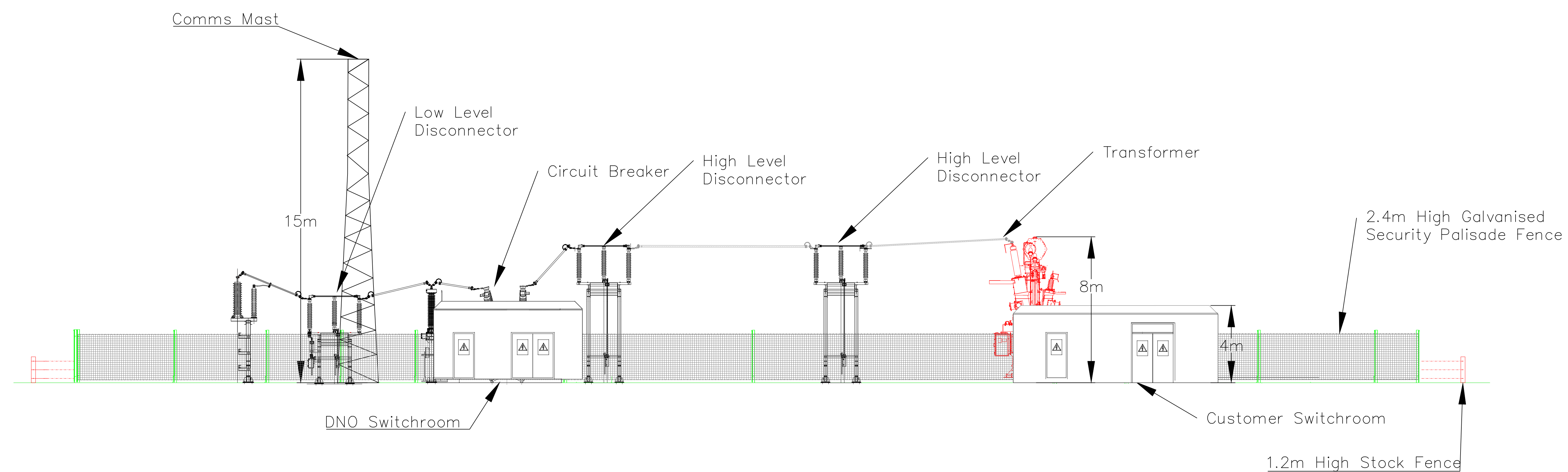
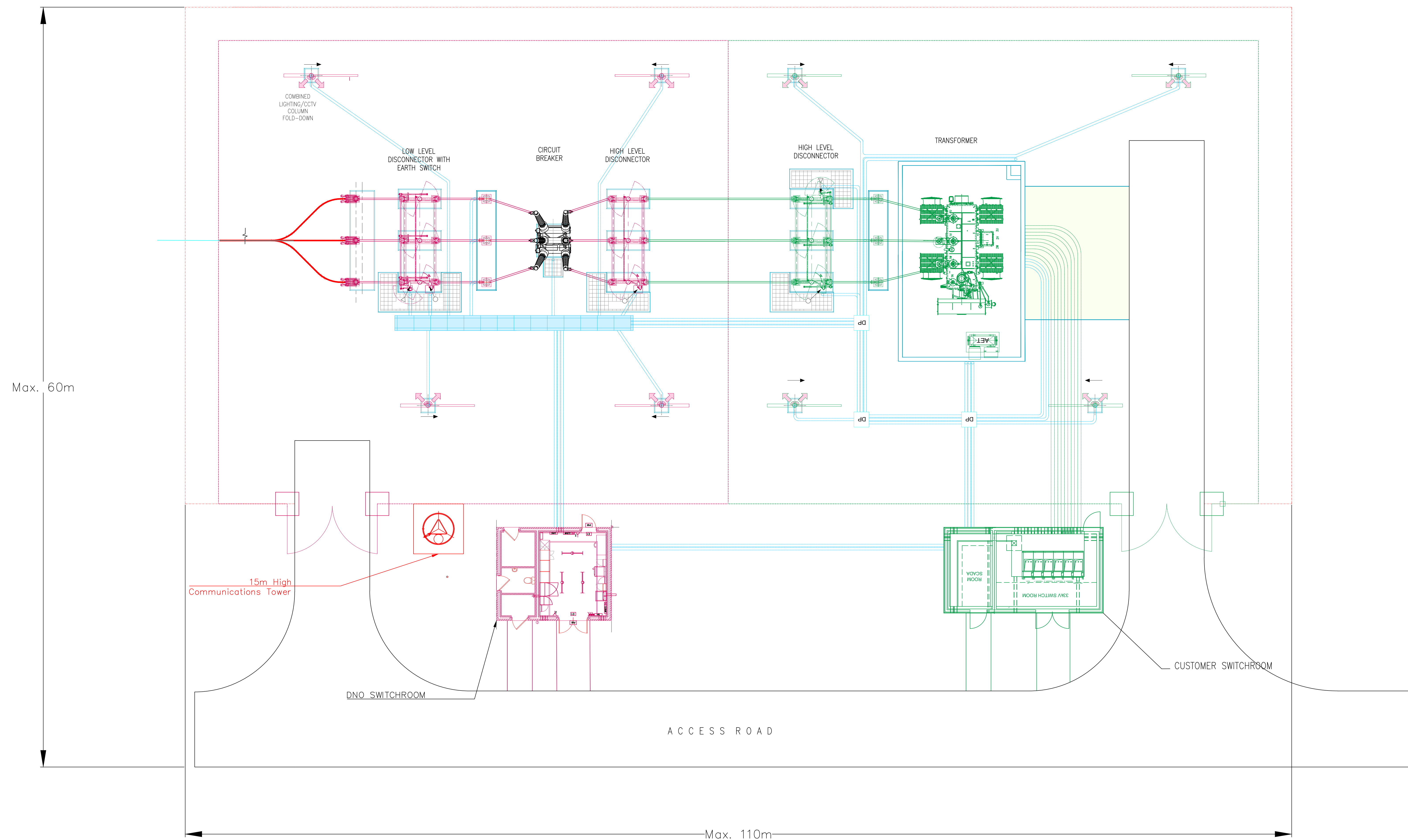
Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Battery Container

Coordinate System: N/A
Projection: N/A
Datum: N/A

Scale: 1:50
Paper Size: A0
Sheet: 5 of 21

RWE

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Tween Bridge Solar Farm

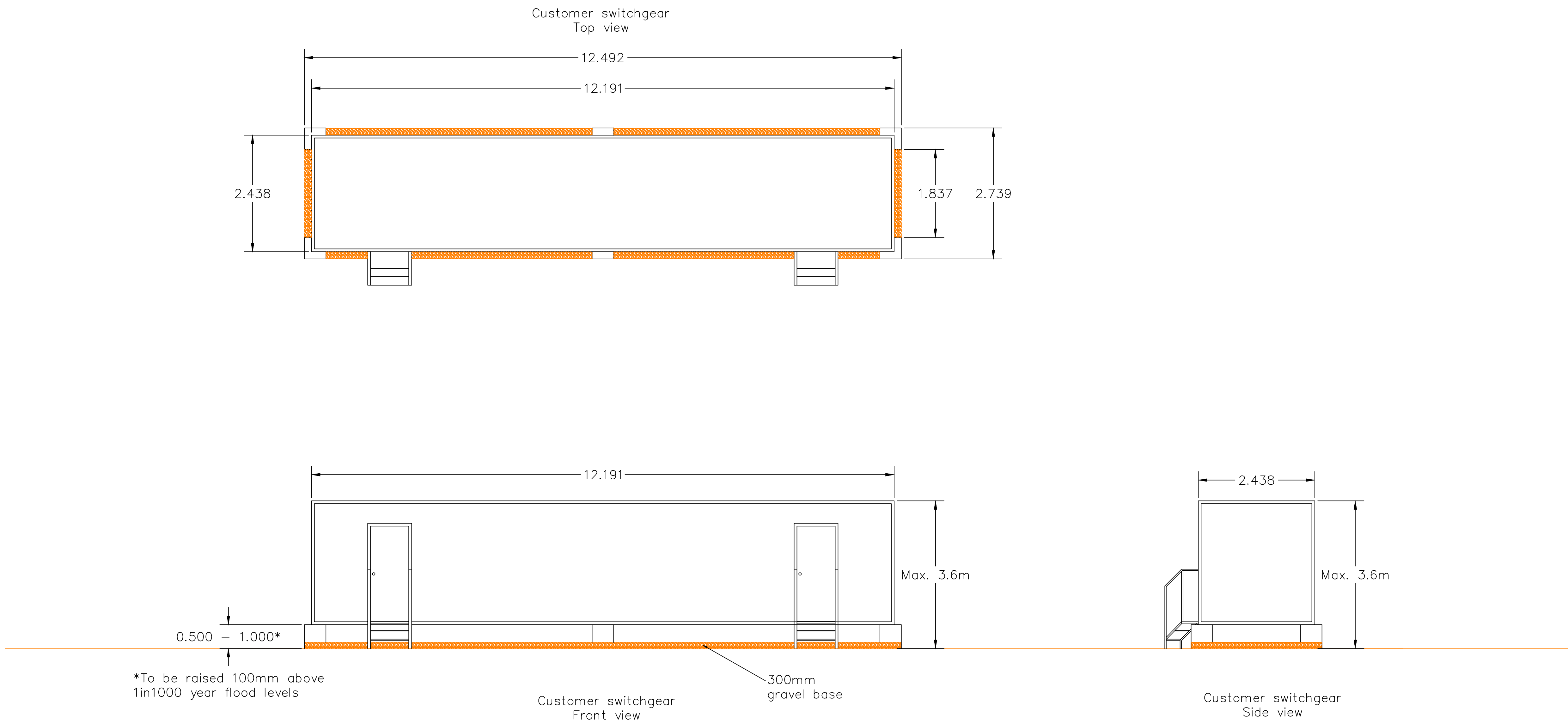
Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Single TX Substation

Coordinate System: N/A
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Scale: 1:100 Paper Size: A0 Sheet: 7 of 21

RWE

Document Ref: 6.4.2.6 Revision: 1
PINS Number: EN010148 Drawing Status: DCO Application
Drawn: MP Checked: AD Approved: MB Date: 19/08/2025



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Notes:
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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Customer Switchgear

Coordinate System: N/A
Projection: N/A
Datum: N/A

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Sheet: 6 of 21

RWE

Document Ref: 6.4.2.6
Revision: 1
PINS Number: EN010148
Drawing Status: DCO Application
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Date: 19/08/2025

PLAN VIEW

LEGEND

- Notes:
1. All details are indicative only.
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 3. Subject to detailed design.

Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans

Drawing Ref: Typical 400kV Substation

Coordinate System: N/A

Projection: N/A

Datum: N/A

Scale: 1:300

Paper Size: A0

Sheet: 9 of 21

Document Ref: 6.4.2.6

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PINS Number: EN010148

Drawing Status: DCO Application

Drawn: MP

Checked: AD

Approved: MB

Date: 19/08/2025

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

SA

CB

CT

D/S + E/S

CVT

SA

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ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing

Palisade Fencing

400kV TX

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SA

ROAD

ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

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CB

CT

D/S + E/S

CVT

SA

PI

PI

PI

SA

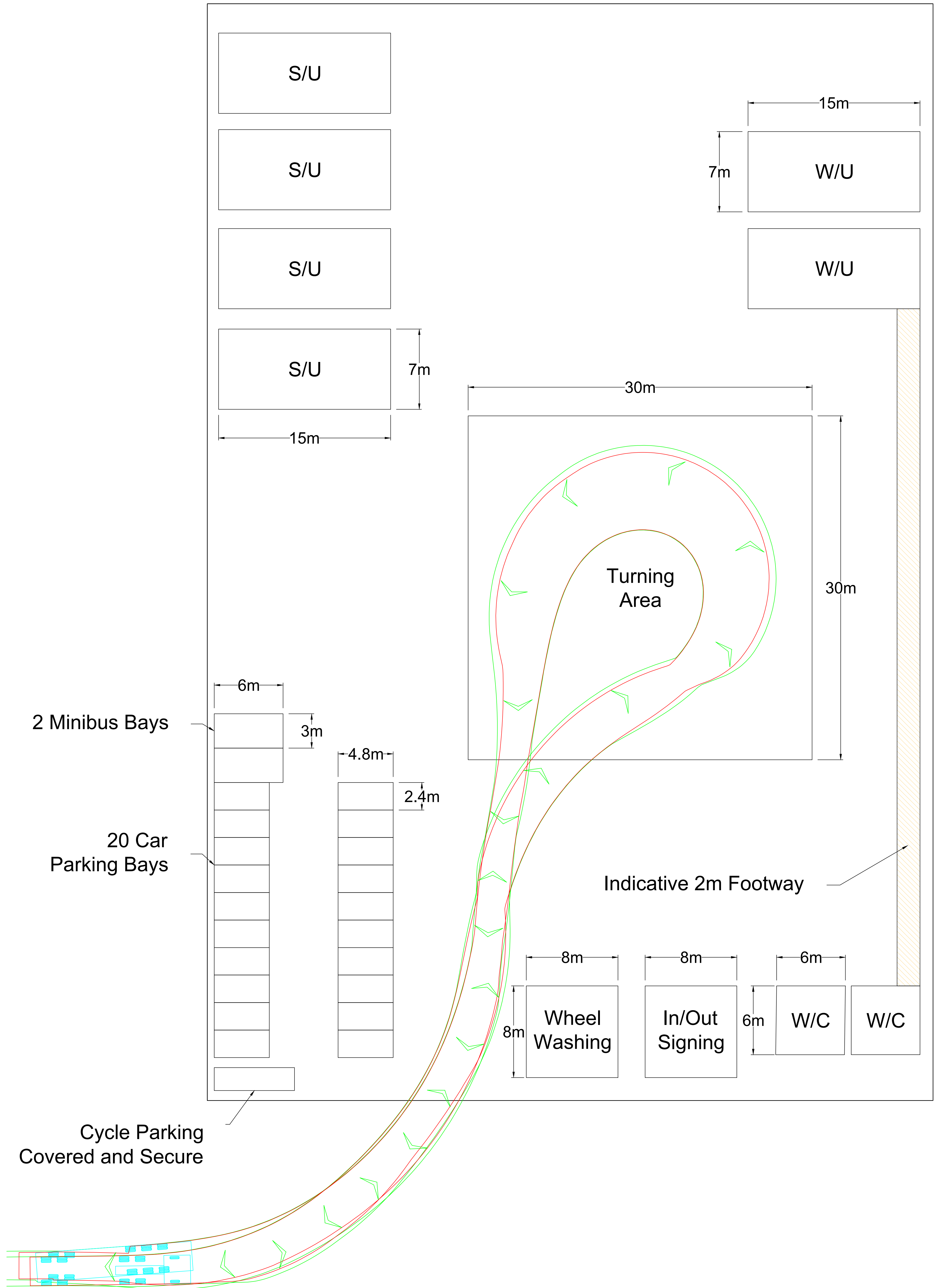
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ELECTRIC FENCE

PALISADE FENCE

Lighting Conductor

Electric Fencing



LEGEND

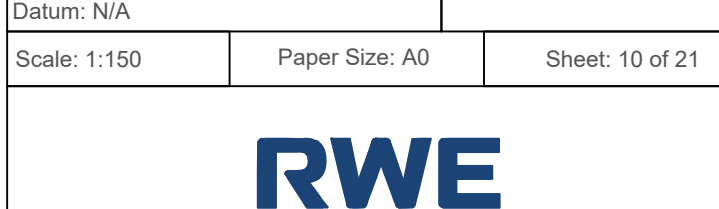
Notes:
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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Construction Compound

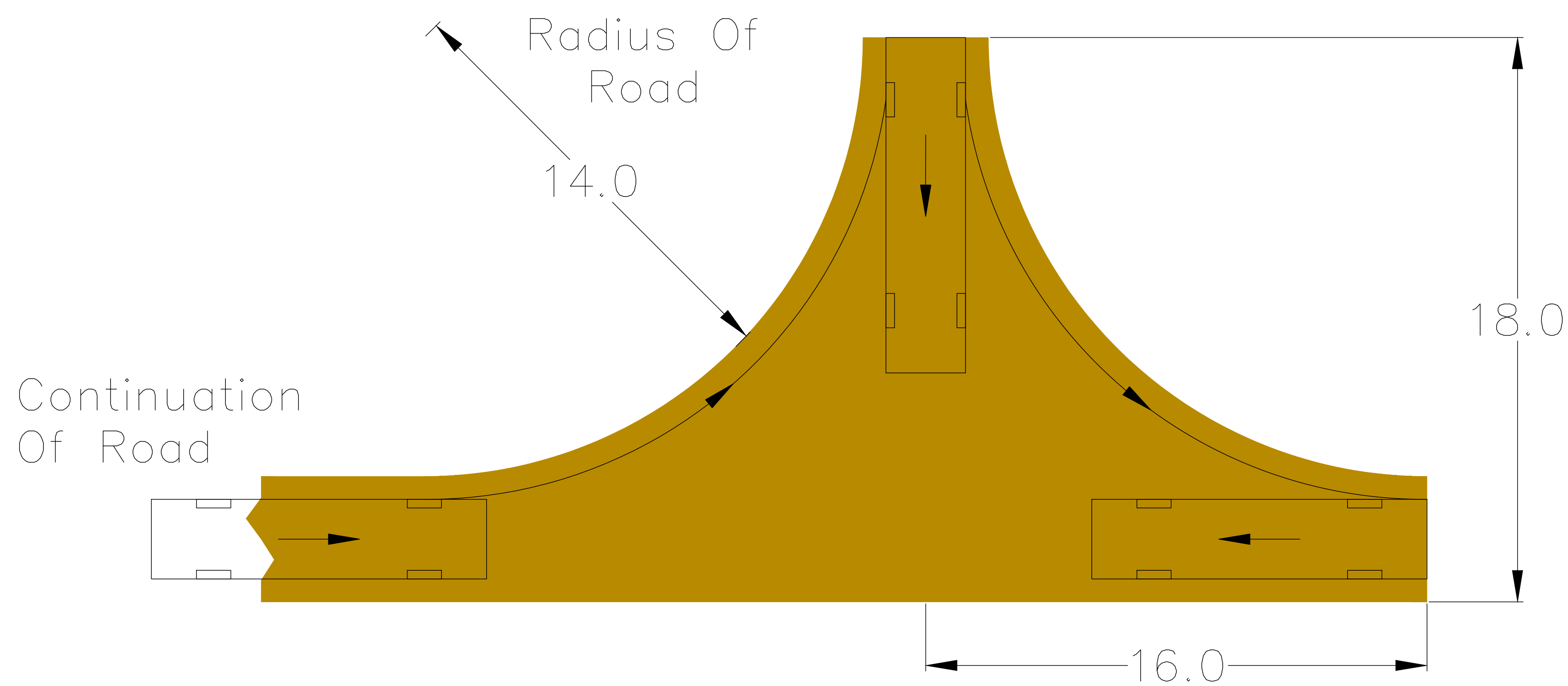
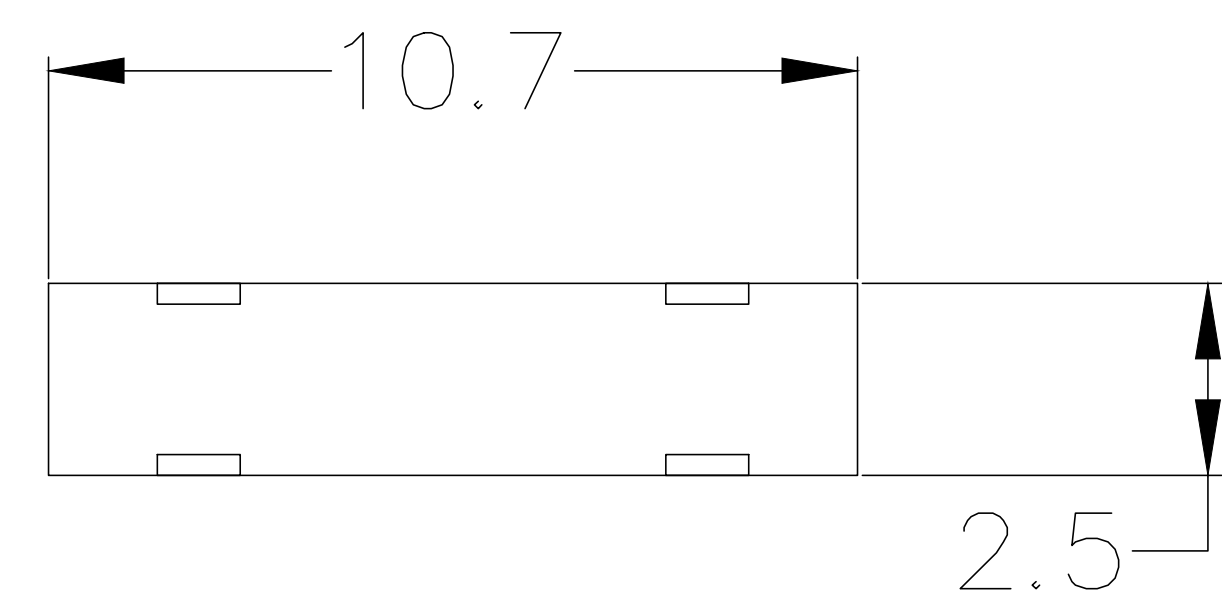
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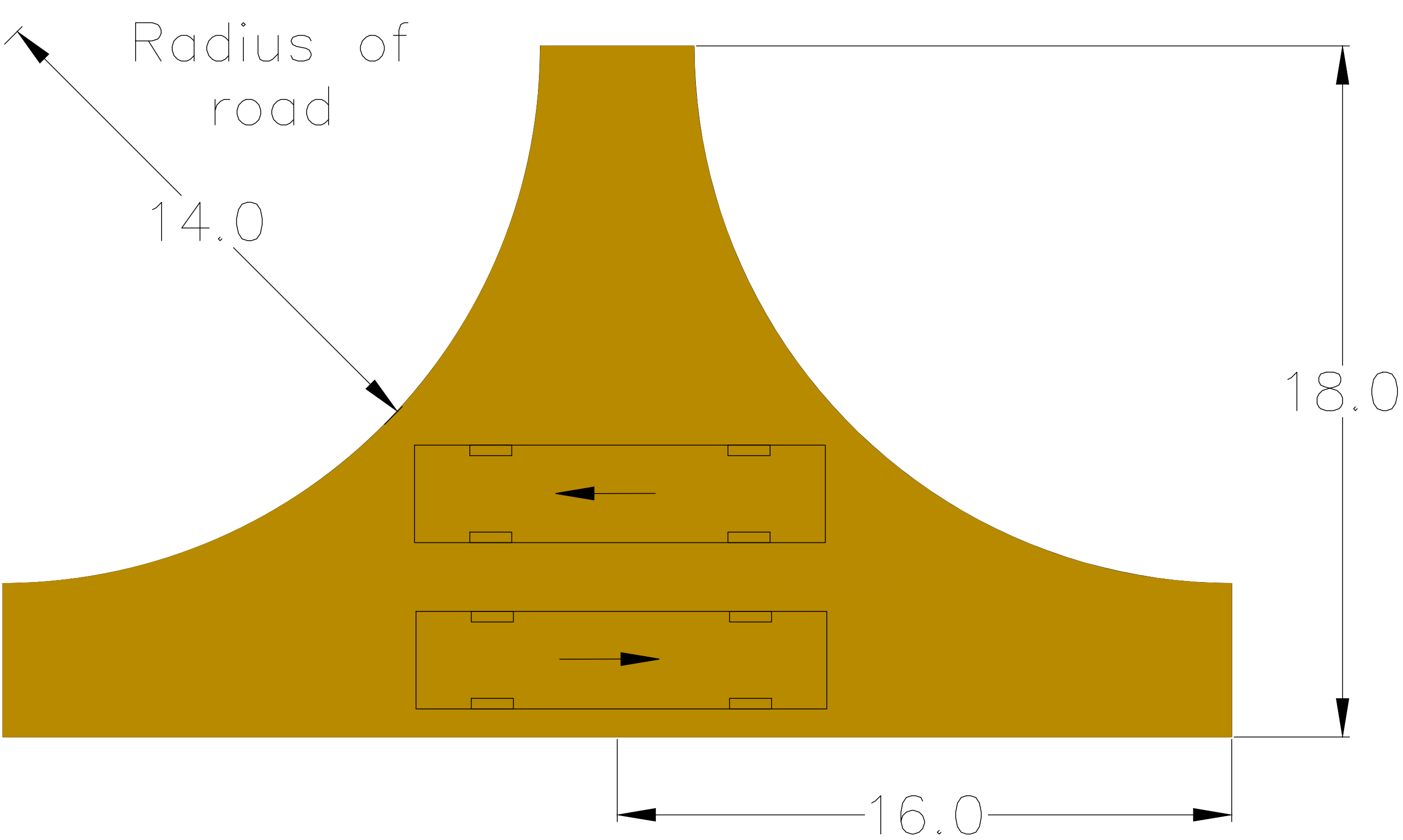


Document Ref: 6.4.2.6	Revision: 1
PINS Number: EN010148	Drawing Status: DCO Application
Drawn: MP	Checked: AD
Approved: MB	Date: 19/08/2025

Fire Engine
Dimensions



Hammer Head Turning
Example



Hammer Head Passing
Place Example

LEGEND

Notes:
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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Hammerhead Turning

Coordinate System: N/A
Projection: N/A
Datum: N/A

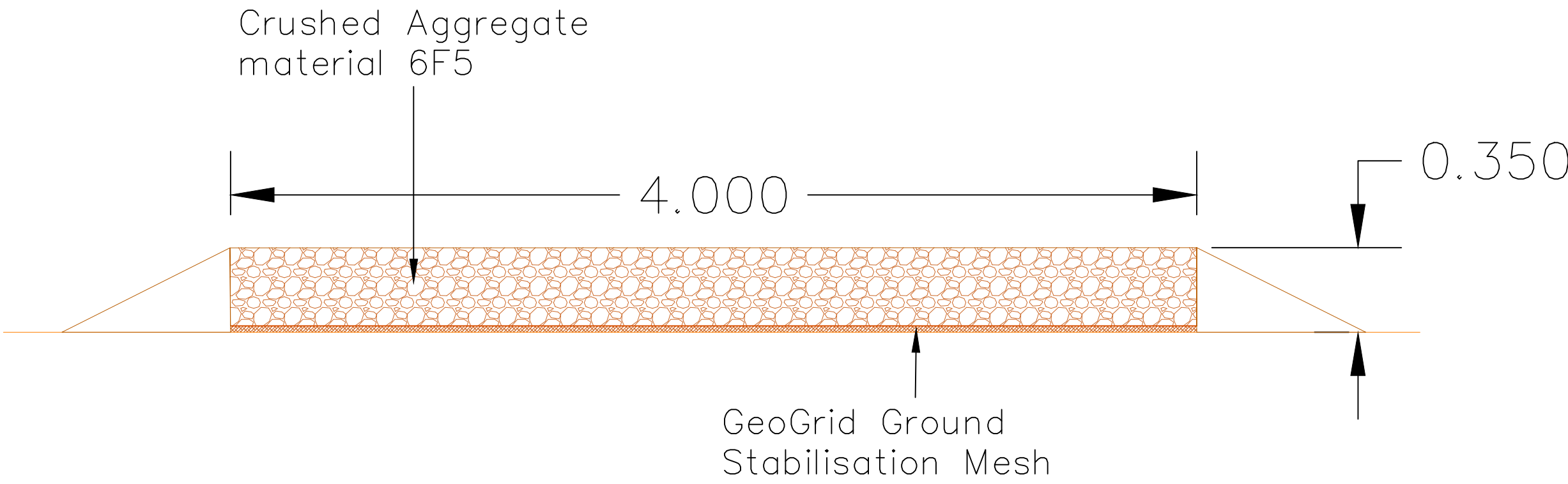
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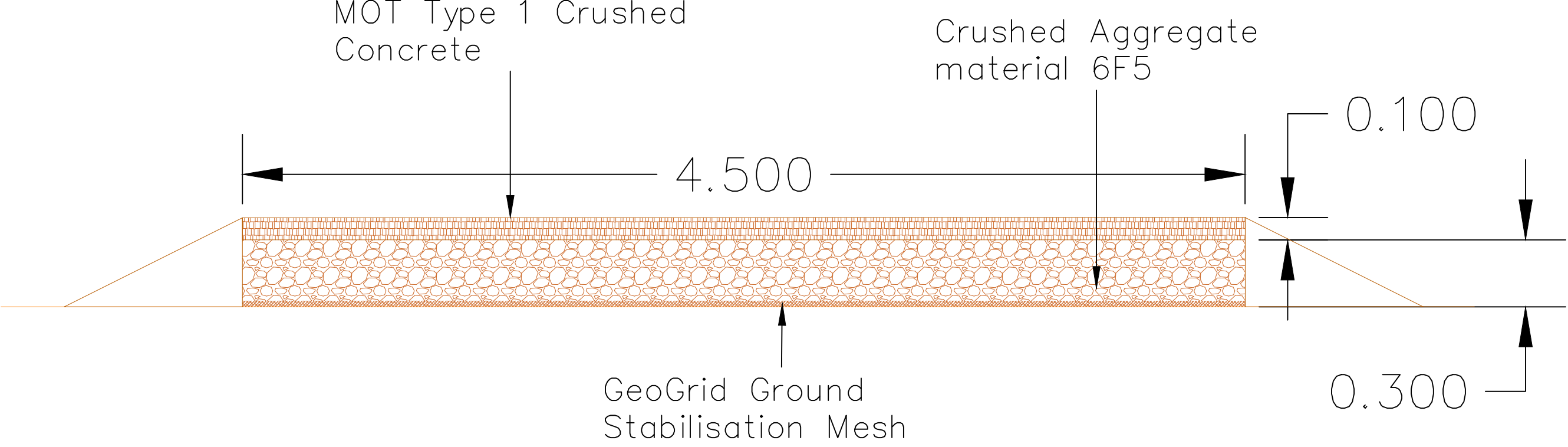
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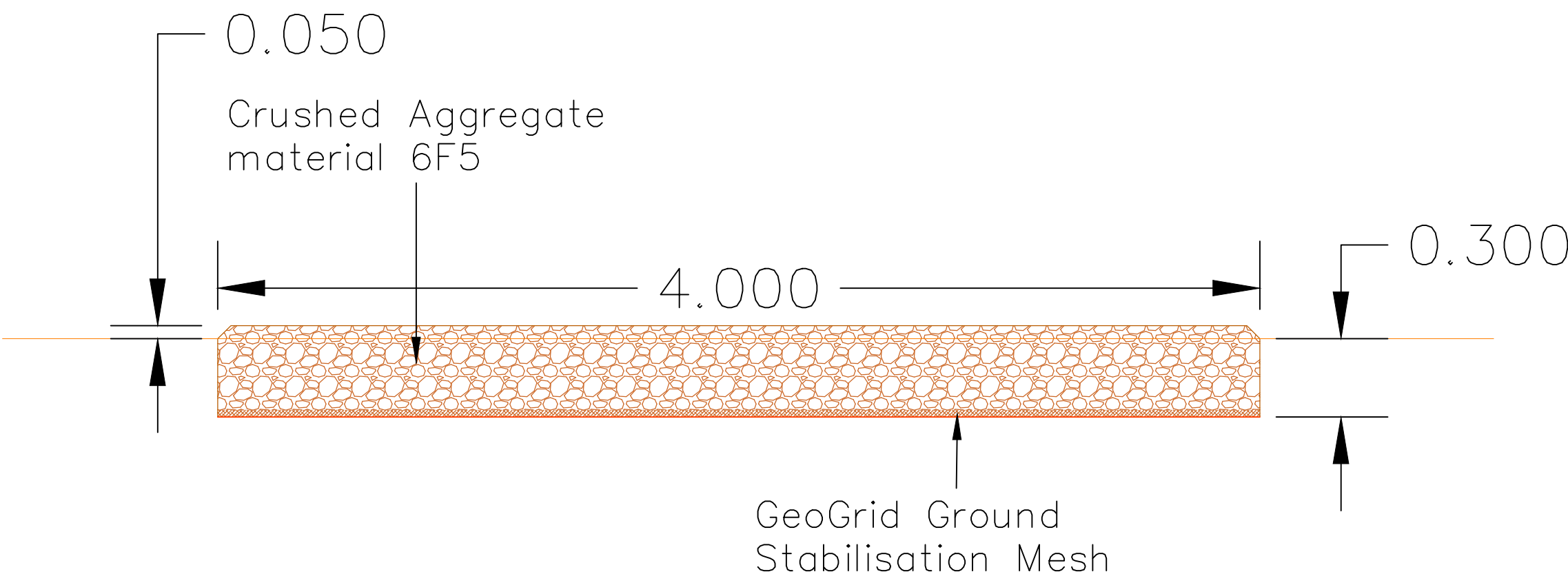
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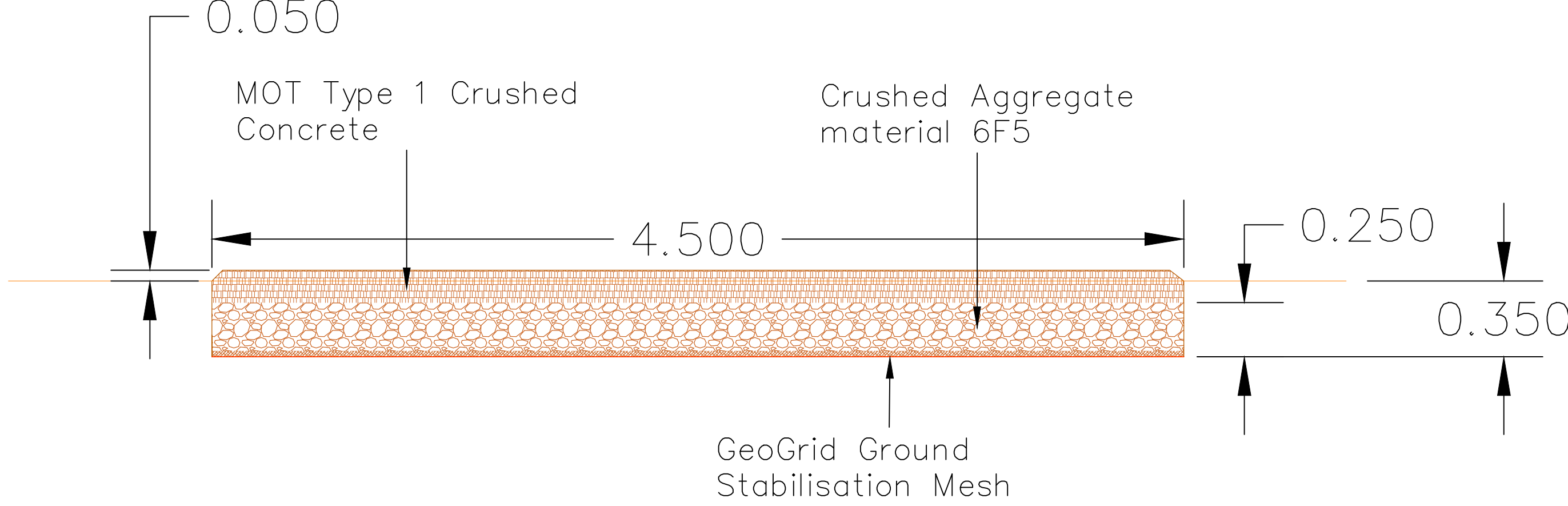
Alternative No-dig (Non-intrusive) access track



Alternative No-dig (Non-intrusive) DNO access track



Typical access track cross section



Typical DNO access track cross section

See Note 3 for information on cross section of car parks

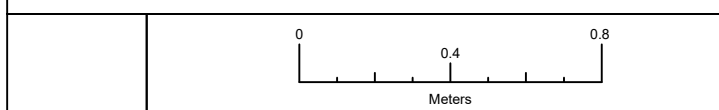
LEGEND

- Notes:
1. All details are indicative only.
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 3. Car parks will follow the same cross section as the access track but will not be limited to a width of 4-4.5m

Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans

Drawing Ref: Typical Access Track



Coordinate System: N/A

Projection: N/A

Datum: N/A

Scale: 1:20

Paper Size: A0

Sheet: 12 of 21

Document Ref: 6.4.2.6

Revision: 1

PINS Number: EN010148

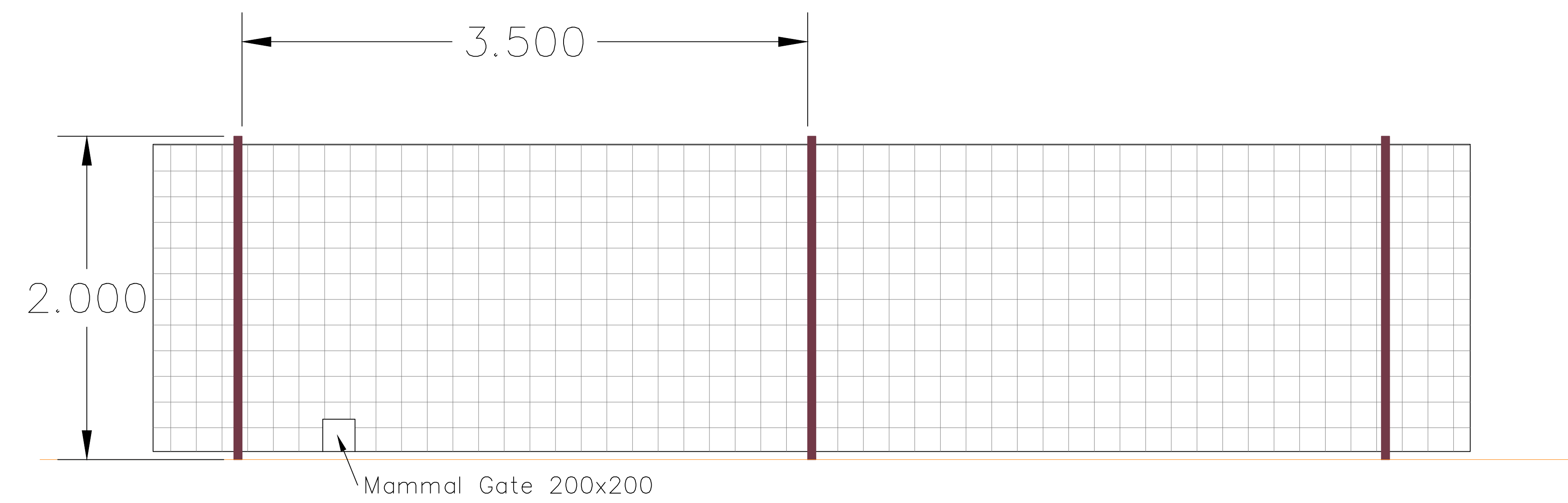
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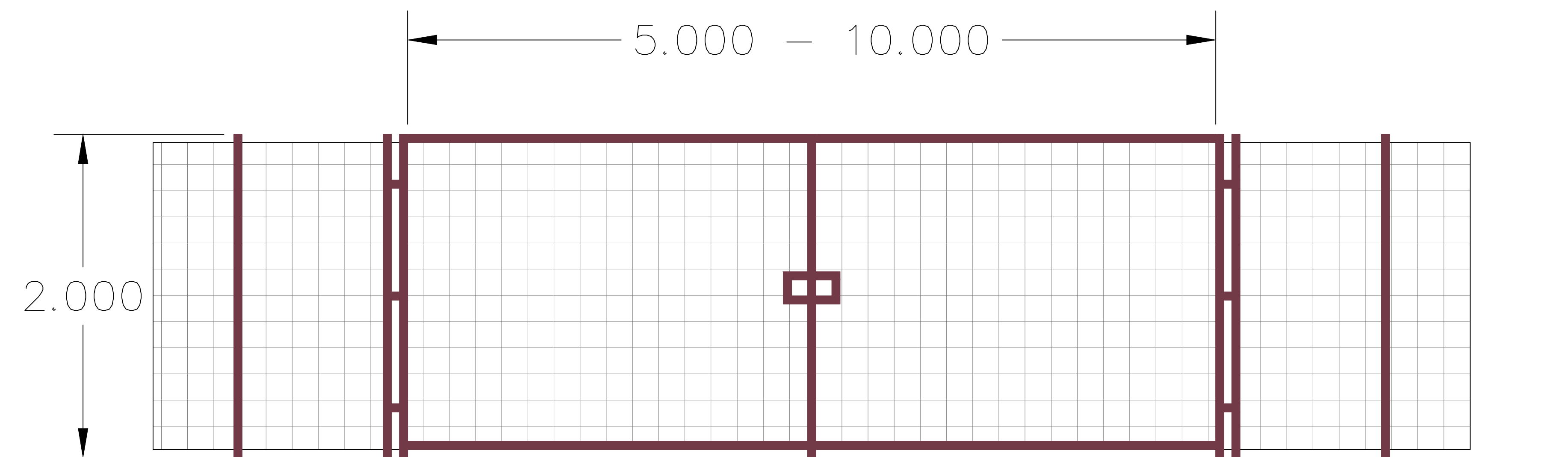
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Approved: MB

Date: 19/08/2025



Timber post & wire fence



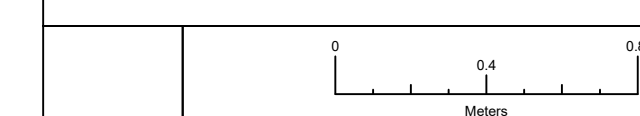
Timber post & wire gate

LEGEND

- Notes:
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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Fence & Gate Details

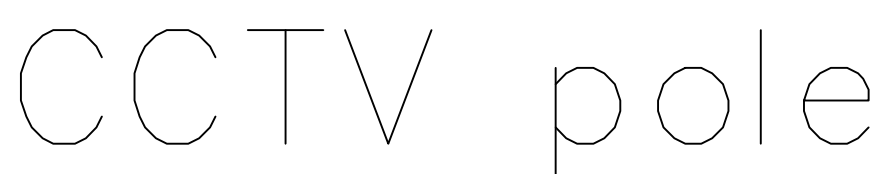


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Document Ref: 6.4.2.6 | Revision: 1
PINS Number: EN010148 | Drawing Status: DCO Application
Drawn: MP | Checked: AD | Approved: MB | Date: 18/08/2025

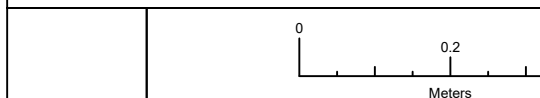


LEGEND

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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plan
Drawing Ref: Typical CCTV Details



Coordinate System
Projection: N/A

Datum: N/A

Scale: 1:10

[illegible]

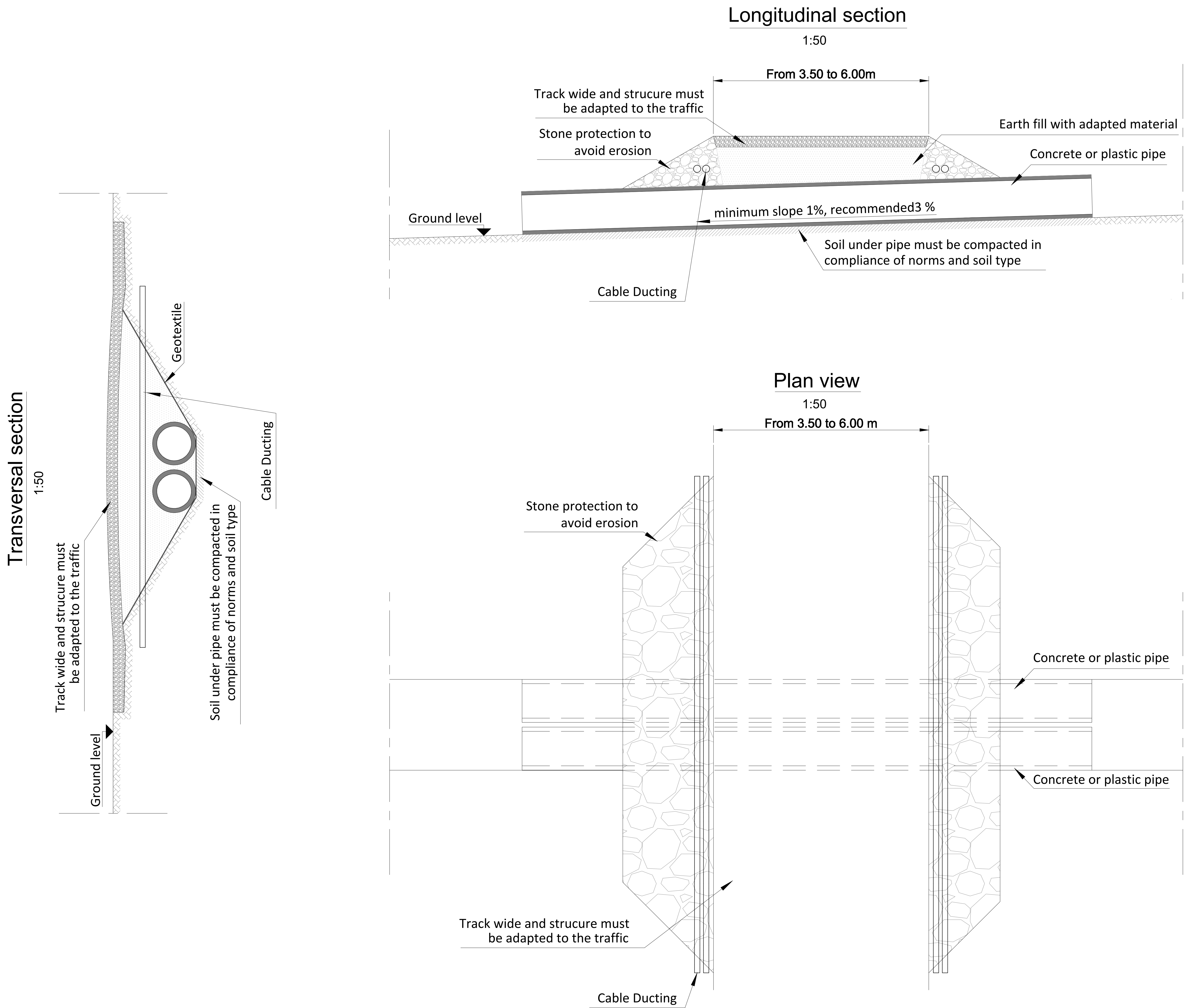


Document Ref: 6.

Revision

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Drawn: MR	Checked: AD	Approved: MB	Date: 10/08/2002

[illegible]



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Notes:
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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Culvert Crossing

Coordinate System: N/A
Projection: N/A
Datum: N/A

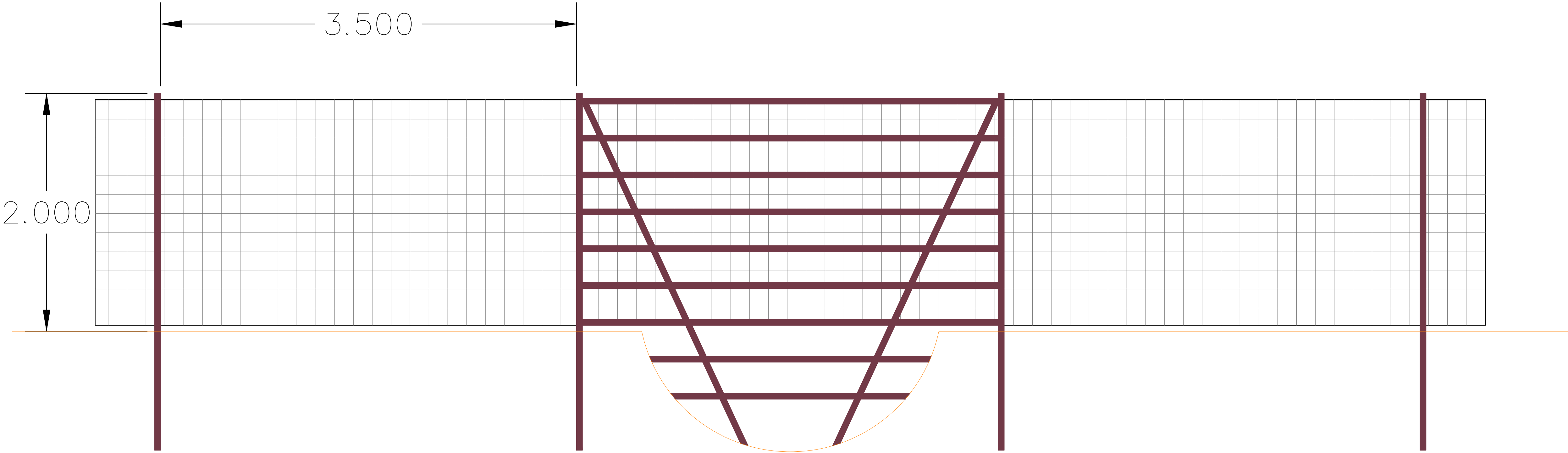
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Checked: AD
Approved: MB
Date: 19/08/2025



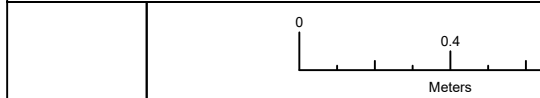
Timber post & wire fence – ditch crossing
Not to be used for IDB drains

LEGEND

- Notes:
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 3. Fence crossing not to be used for IDB drains.

Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Fence Detail - Ditch Crossing



Coordinate System: N/A
Projection: N/A
Datum: N/A

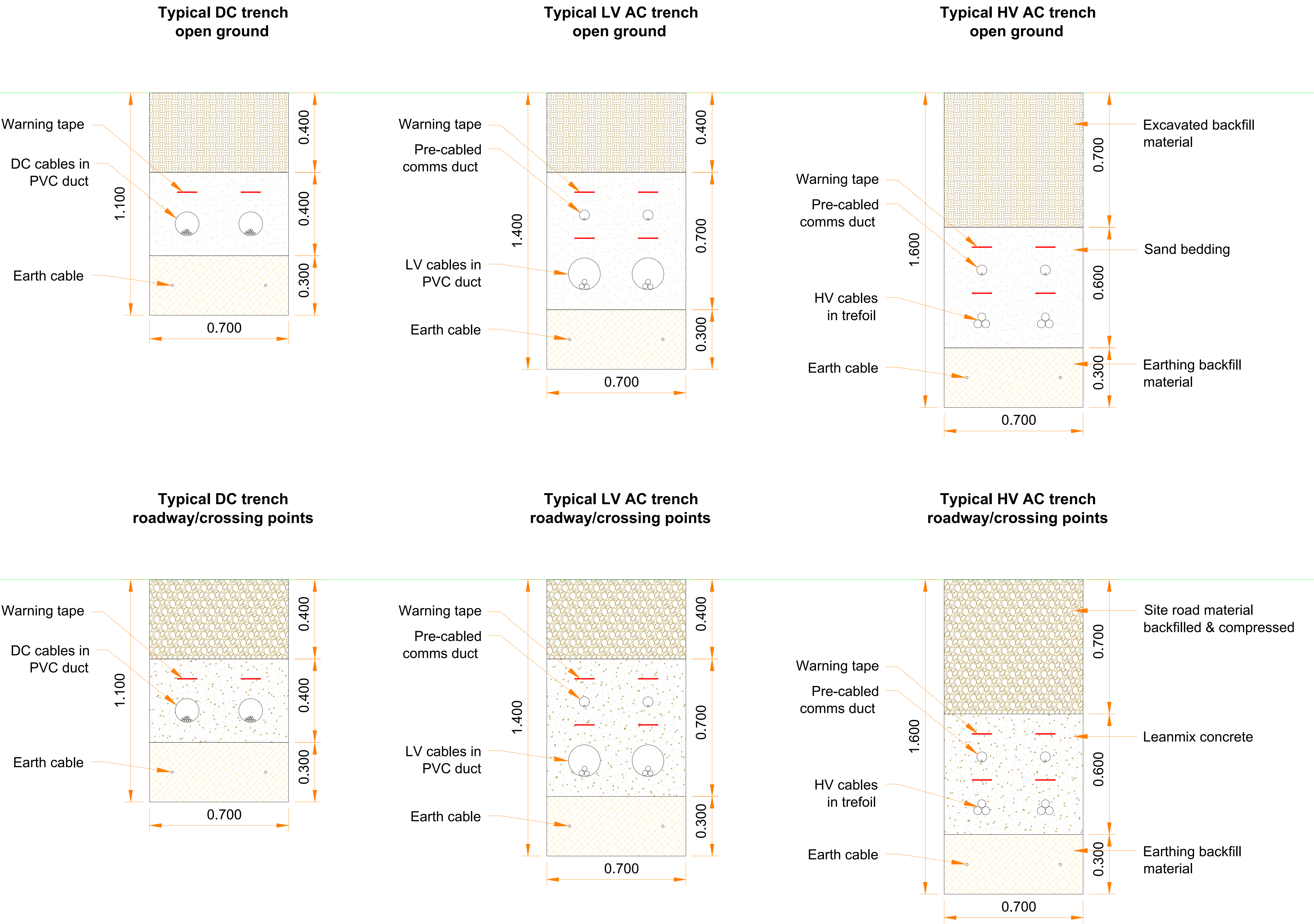
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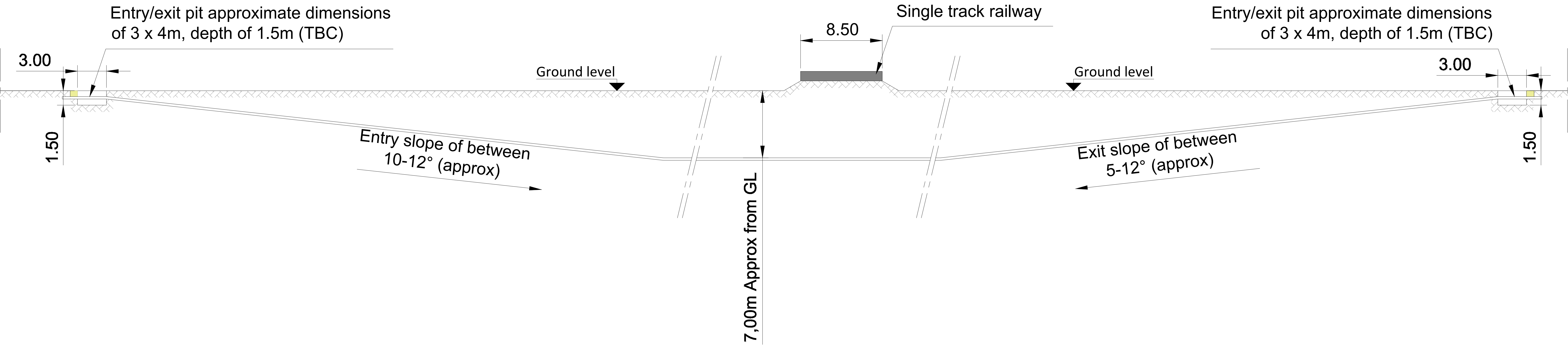
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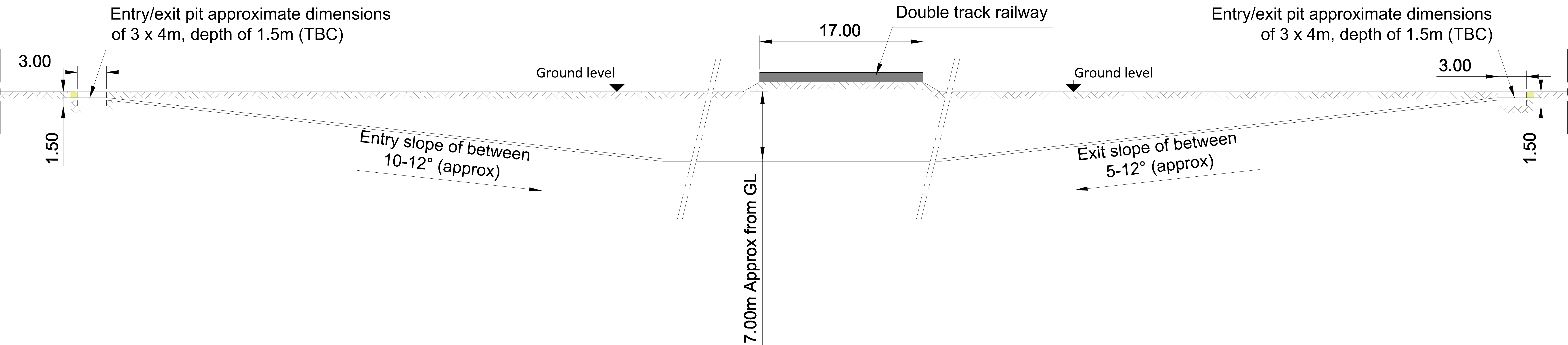
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Non-Intrusive Cable Crossing – Single Track Railway



Non-Intrusive Cable Crossing – Double Track Railway



LEGEND

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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Railway Cable Crossing

Coordinate System: N/A
Projection: N/A
Datum: N/A

Scale: 1:175
Paper Size: A0
Sheet: 18 of 21

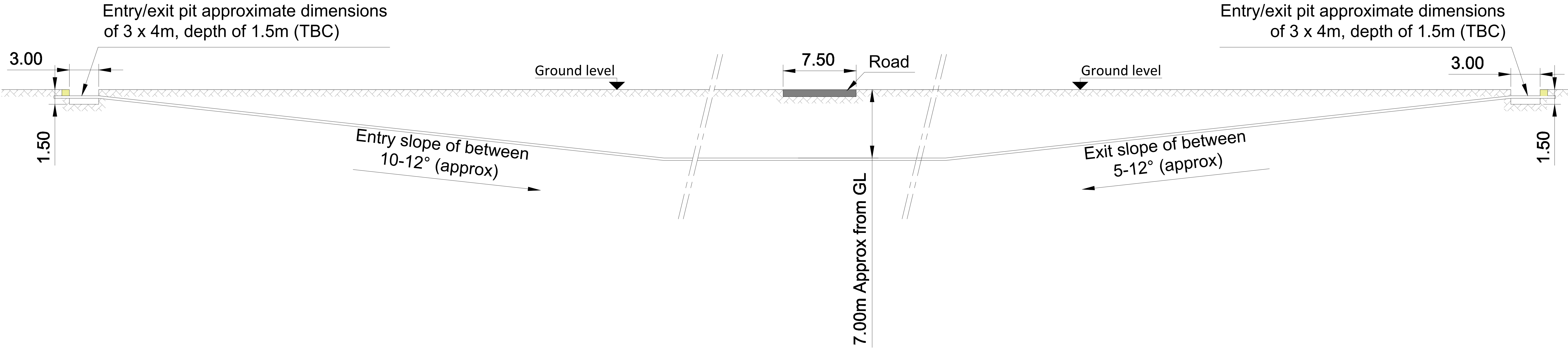
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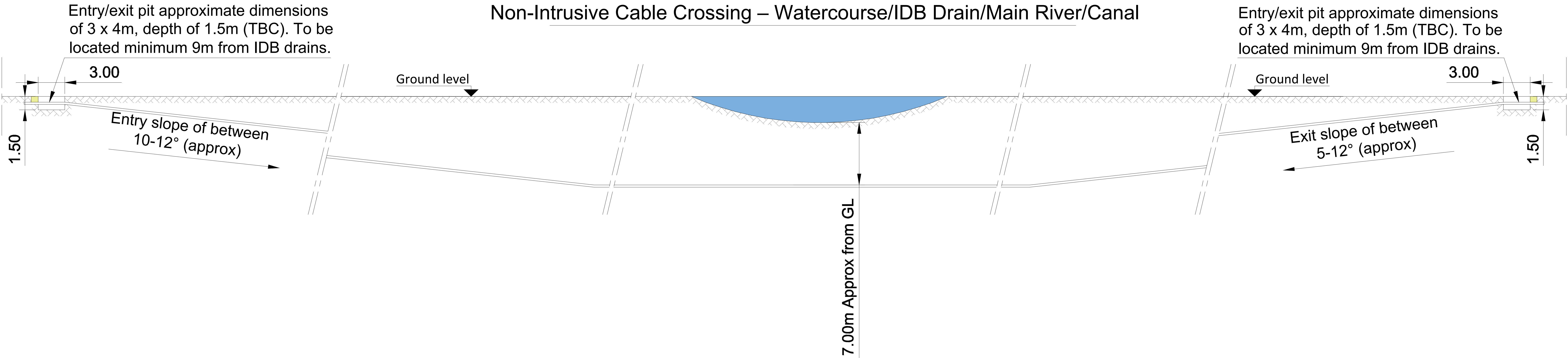
PINS Number: EN010148
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Checked: AD
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Non-Intrusive Cable Crossing - Road



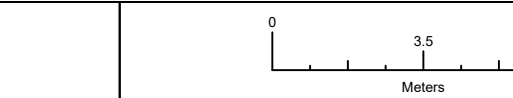
Non-Intrusive Cable Crossing – Watercourse/IDB Drain/Main River/Canal



Notes:
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Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Non-Intrusive Cable Crossing



Coordinate System: N/A
Projection: N/A
Datum: N/A

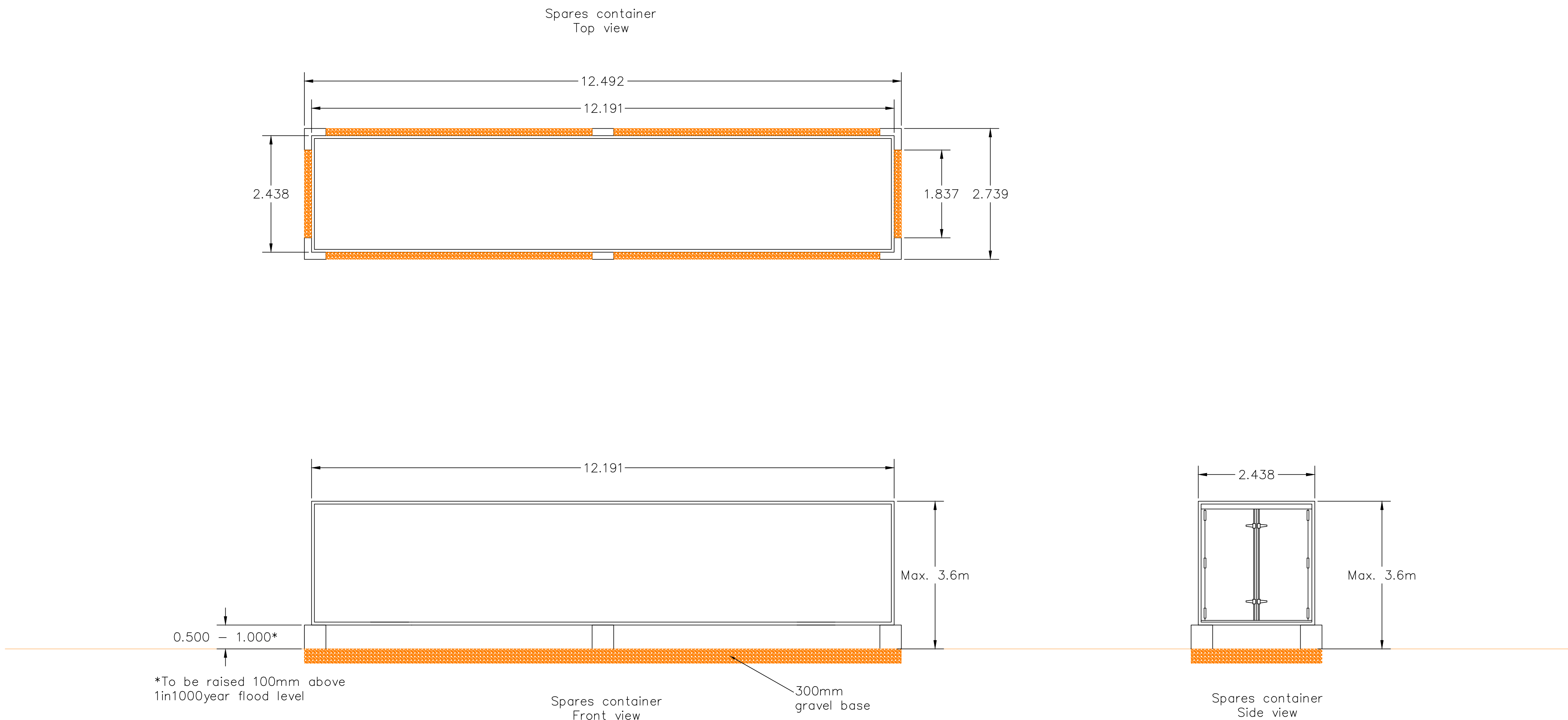
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Sheet: 19 of 21



Document Ref: 6.4.2.6
Revision: 1

PINS Number: EN010148
Drawing Status: DCO Application

Drawn: MP
Checked: AD
Approved: MB
Date: 19/08/2025



LEGEND

- Notes:
- All details are indicative only.
 - Dimensions are in metres unless stated otherwise.

Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Spares Container

Coordinate System: N/A
Projection: N/A
Datum: N/A

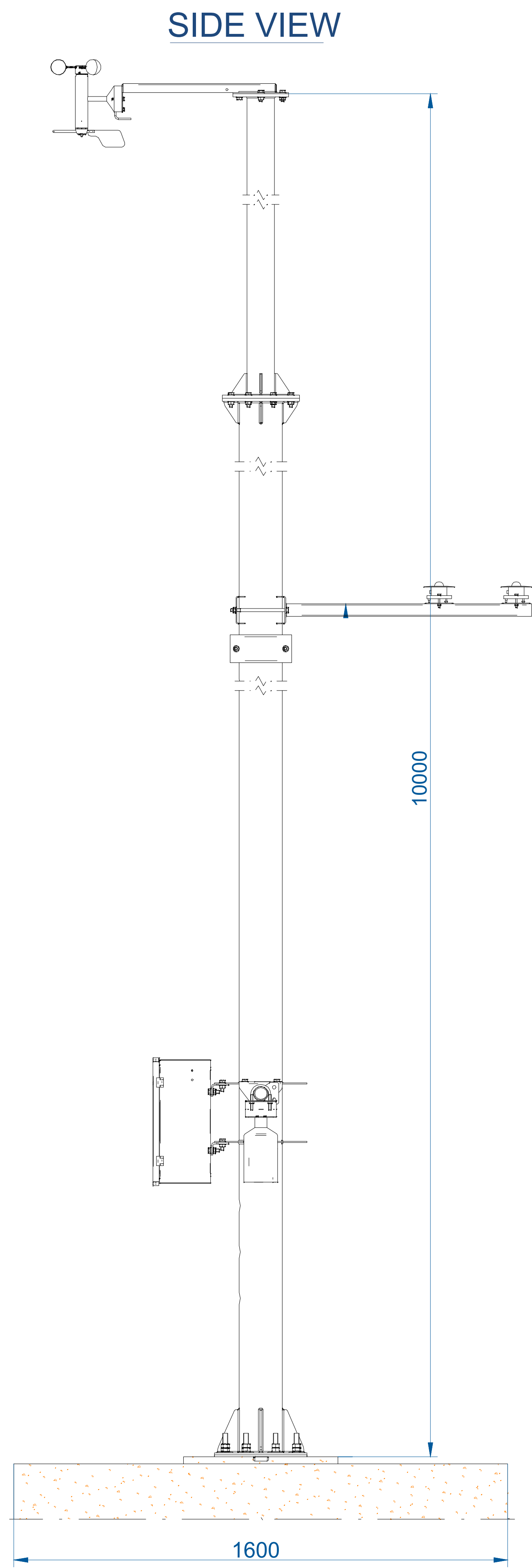
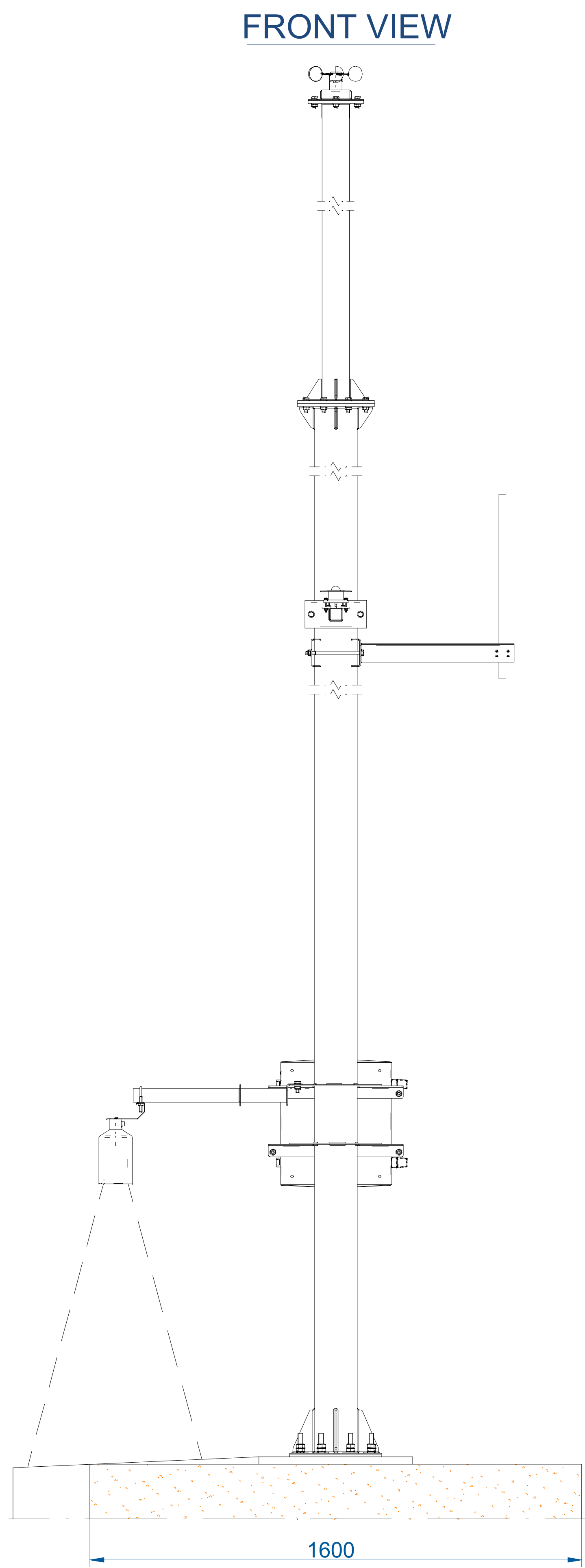
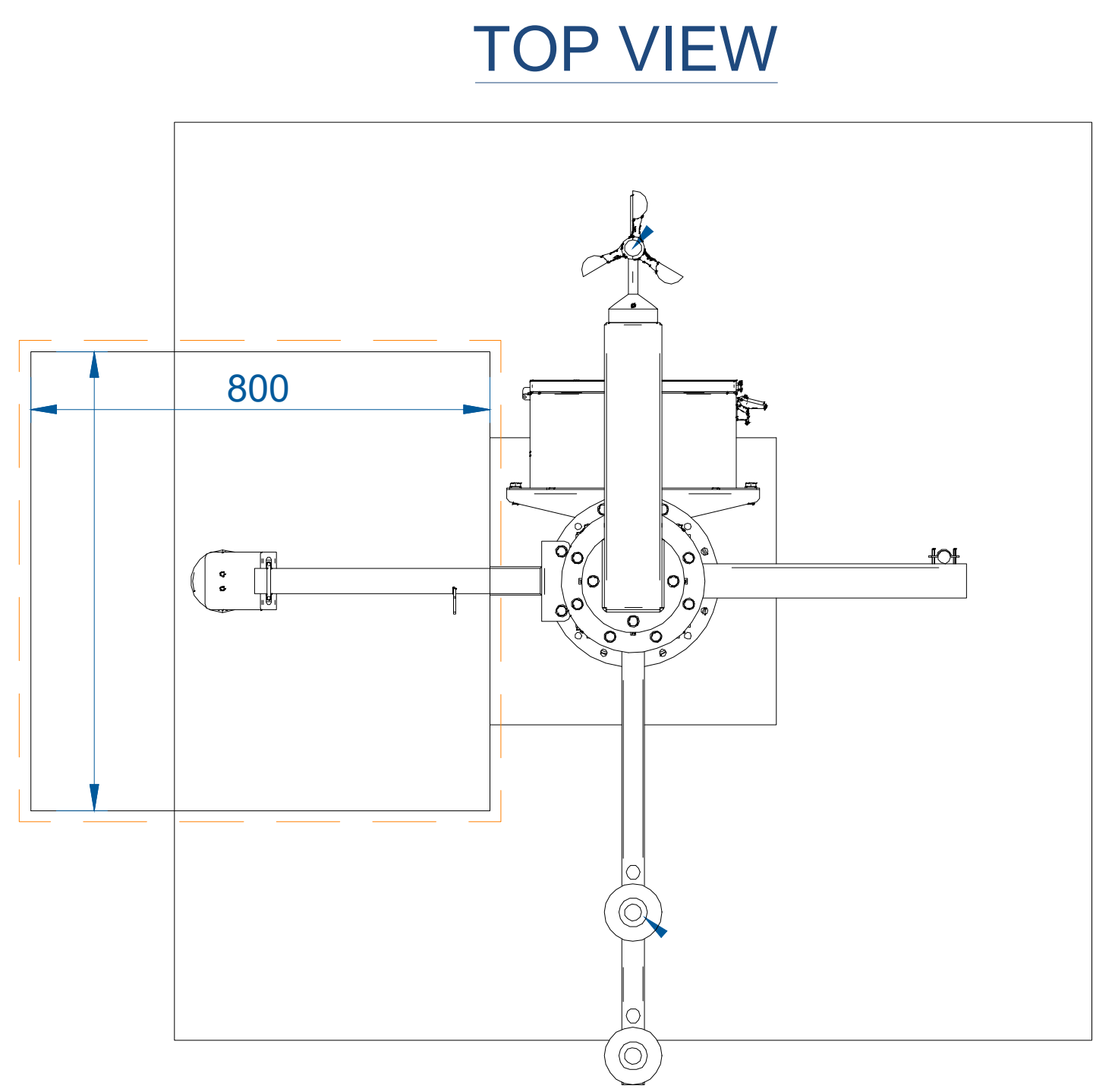
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RWE

Document Ref: 6.4.2.6
Revision: 1

PINS Number: EN010148
Drawing Status: DCO Application

Drawn: MP
Checked: AD
Approved: MB
Date: 19/08/2025



LEGEND

Notes:
1. All details are indicative only.
2. Dimensions are in metres unless stated otherwise.

Tween Bridge Solar Farm

Figure 2.6: Indicative Layout and Cross Section Plans
Drawing Ref: Typical Weather Station

Coordinate System: N/A
Projection: N/A
Datum: N/A

Scale: 1:10
Paper Size: A0
Sheet: 21 of 21

RWE

Document Ref: 6.4.2.6
Revision: 1

PINS Number: EN010148
Drawing Status: DCO Application

Drawn: MP
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Date: 18/08/2025