Meridian Solar Farm

EN010169

Volume 2

Plans

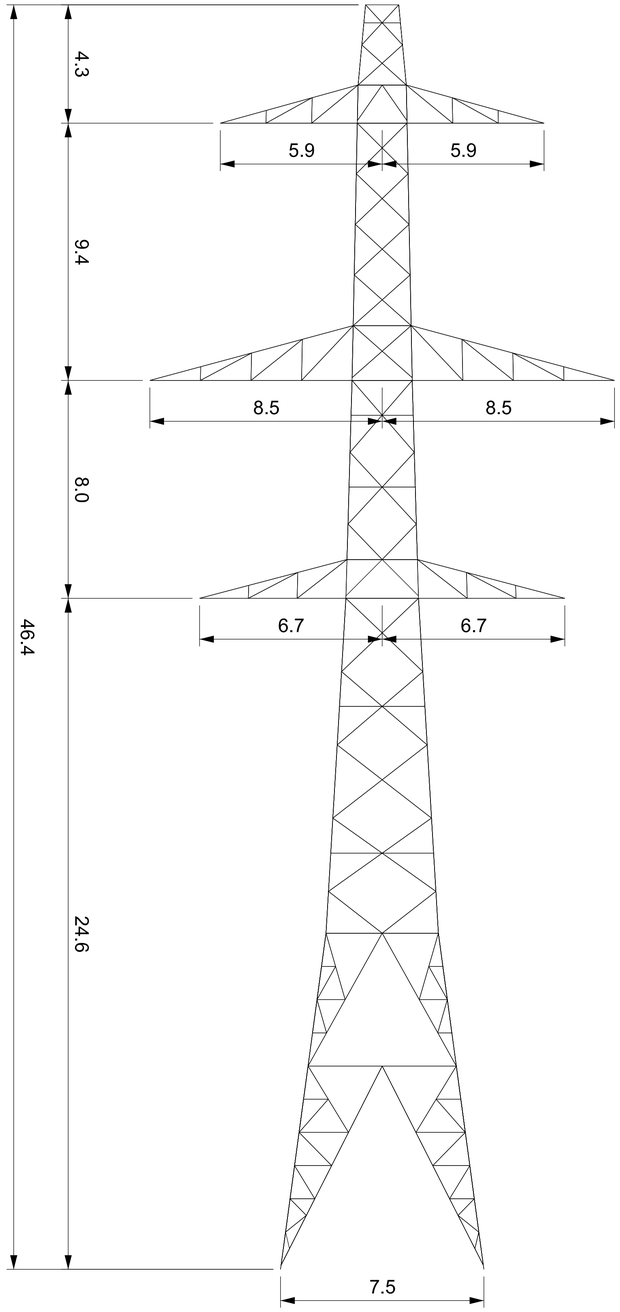
2.8 Indicative and Illustrative Layout Plans and Sections – Section B Grid Connection (Rev 1)

APFP Regulation 5(2)(o)

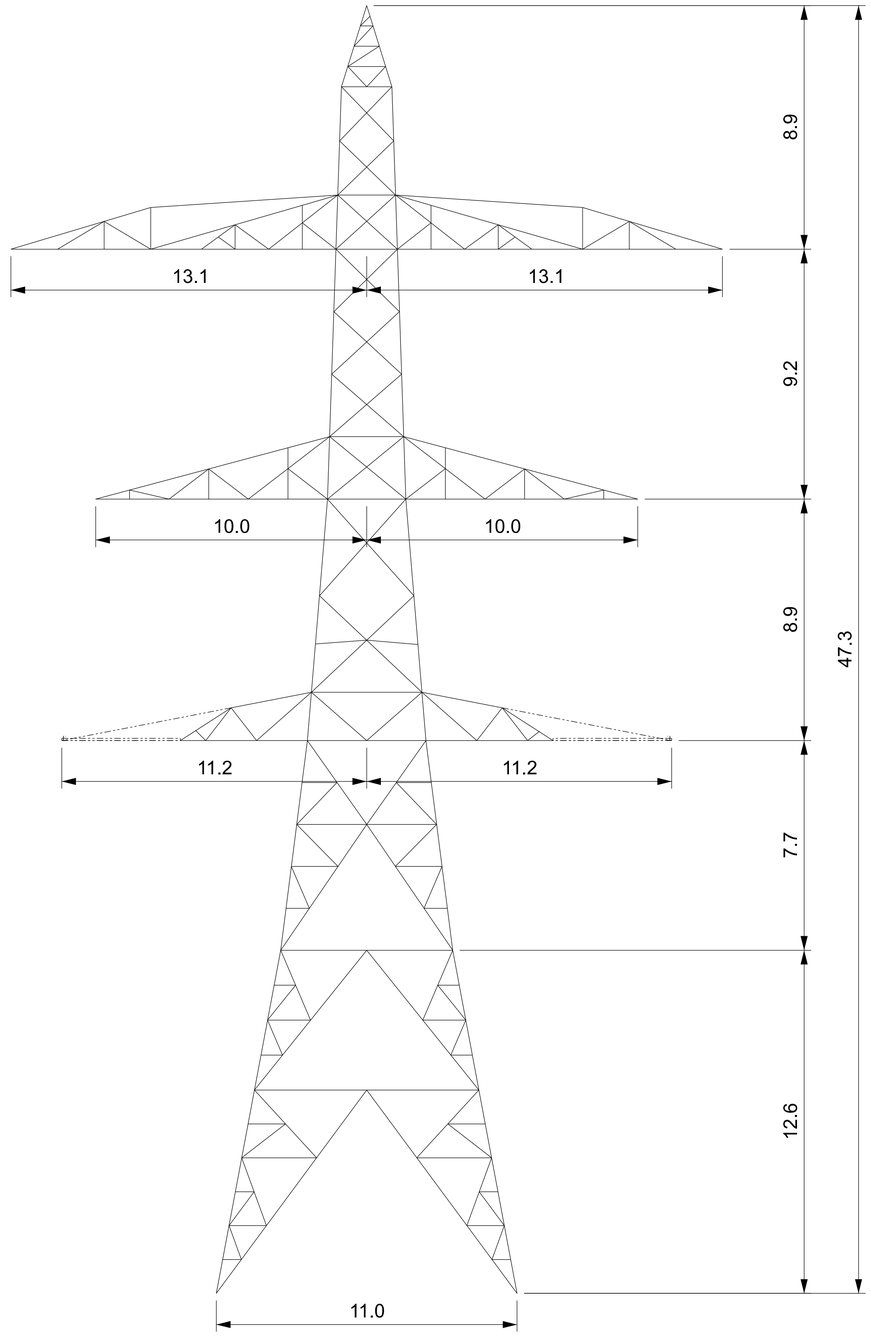
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

October 2026

MERIDIAN SOLAR FARM
ILLUSTRATIVE LATTICE PYLONS
SHEET 1 OF 9



L8(c) D STD



L8(c) DT STD

Notes

1. ALL DIMENSIONS ARE INDICATED IN METRES (m) UNLESS NOTED OTHERWISE.
2. PYLON LEG SPACING AT GROUND LEVEL ASSUMES LEVEL GROUND CONDITIONS.

Issue	Date	Remarks	Drawn	Checked	Approved
0	MAR-26	FOR DCO SUBMISSION	SH	TF	AK

Title

MERIDIAN SOLAR FARM
ILLUSTRATIVE LATTICE PYLONS
SHEET 1 OF 9

Meridian Solar

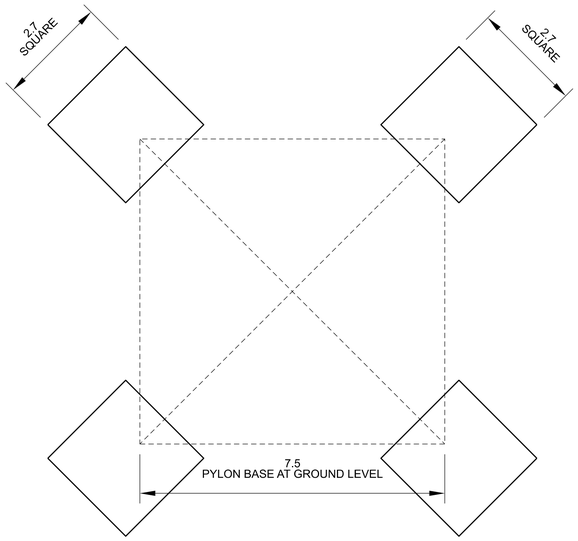
Application Number
EN010169

Downing Drawing Reference
DCO_DE/PS/01

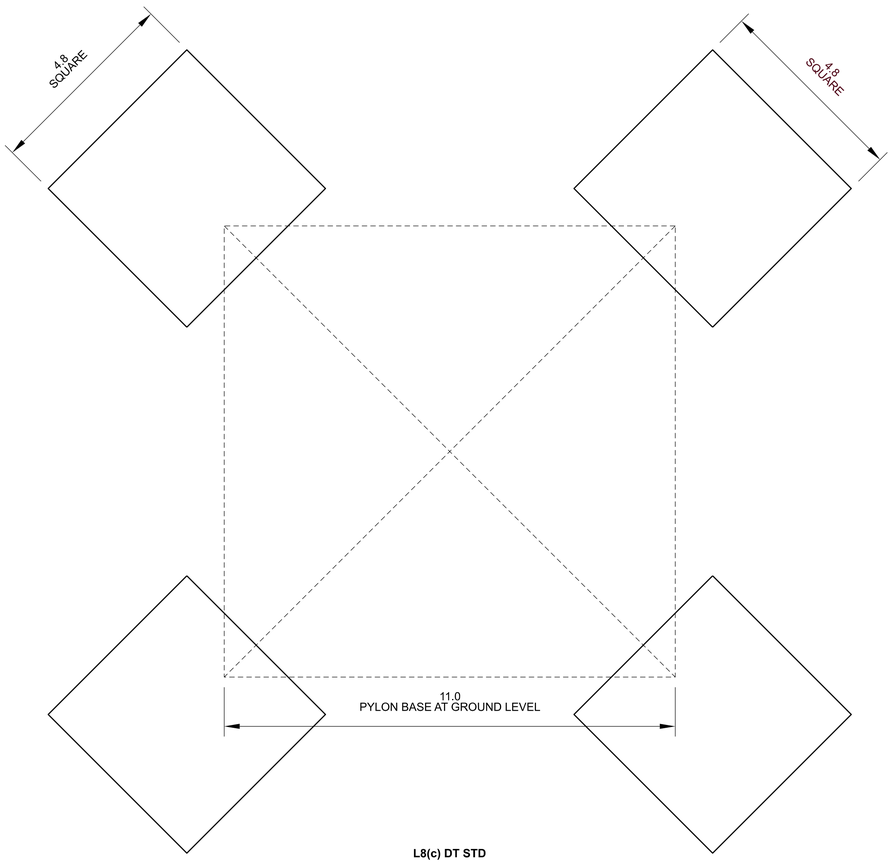
Scale	Sheet Size	Sheet	Issue
N.T.S	A1	1 OF 9	0

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MERIDIAN SOLAR FARM
ILLUSTRATIVE LATTICE PYLON FOOTPRINTS
SHEET 2 OF 9



L8(c) D STD



L8(c) DT STD

LEGEND

PYLON FOOTPRINT

FOUNDATION
(BELOW GROUND LEVEL)

Notes

1. ALL DIMENSIONS ARE INDICATED IN METRES (m) UNLESS NOTED OTHERWISE

2. THIS DRAWING IS SCALED AT PAPER SIZE A1, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.

3. FOUNDATION FOOTPRINTS SHOWN ARE INDICATIVE ONLY BASED ON TYPICAL PAD & COLUMN FOUNDATION TYPE. THE FOOTPRINTS MAY VARY DEPENDING ON SITE SPECIFIC CONSTRAINTS, GROUND CONDITIONS AND FOUNDATION TYPE.

0 0.75 1.5 2.25 3.0 3.75 4.5 5.25 6.0 Metres

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0	MAR-26	FOR DCO SUBMISSION	SH	TF	AK

Title

MERIDIAN SOLAR FARM
ILLUSTRATIVE LATTICE
PYLON FOOTPRINTS
SHEET 2 OF 9

Meridian Solar

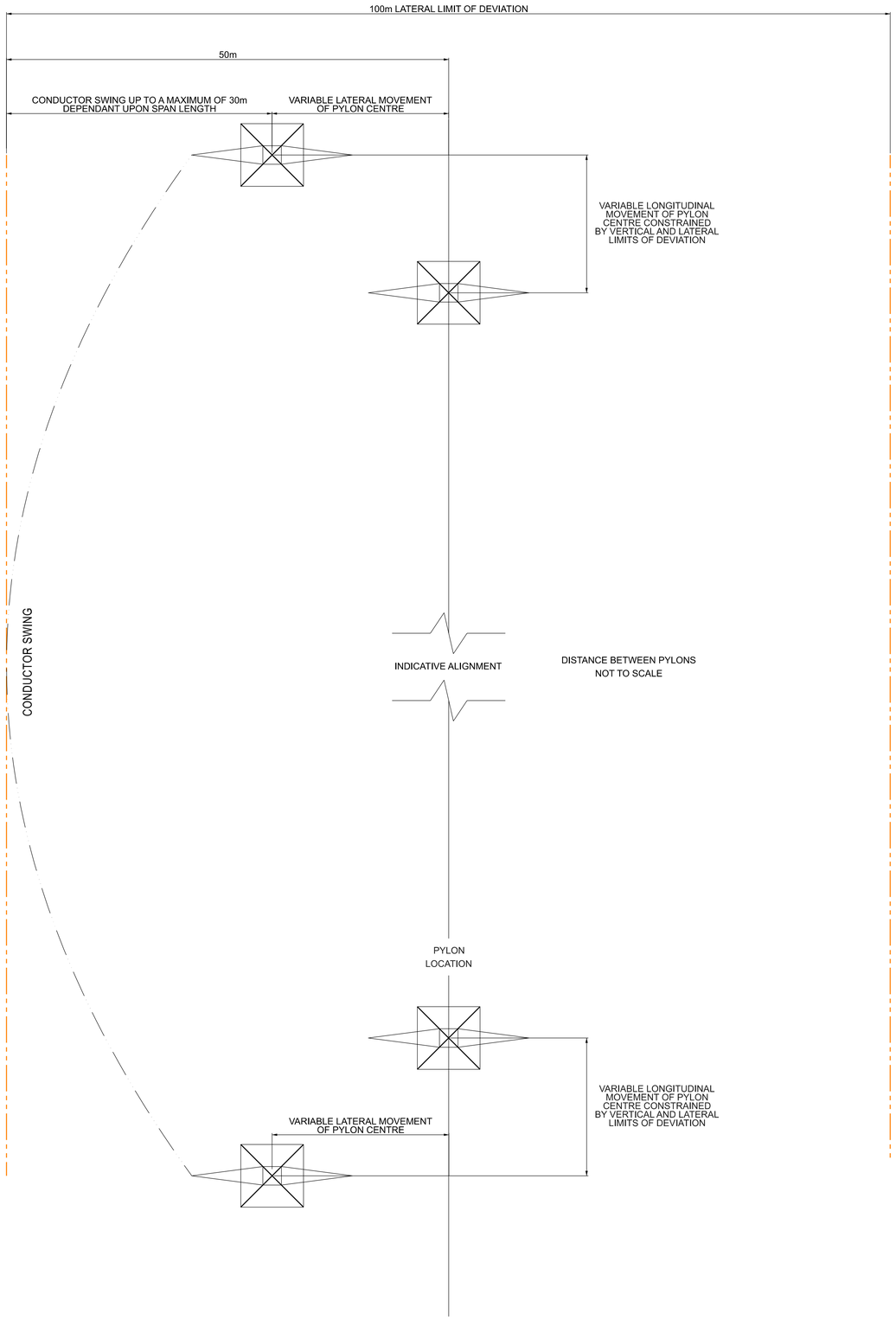
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Downing Drawing Reference
DCO_DE/PS/02

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MERIDIAN SOLAR FARM
ILLUSTRATIVE OVERHEAD LINE LIMITS OF DEVIATION
SHEET 3 OF 9



LEGEND

PYLON

POSITION OF OUTER OVERHEAD LINE CONDUCTOR IN CONDITIONS OF MAXIMUM SWING

LIMITS OF DEVIATION

Notes

1. ALL DIMENSIONS ARE INDICATED IN METRES (m) UNLESS NOTED OTHERWISE
2. THIS DRAWING SHOWS THE LIMITS OF DEVIATION OF PYLONS FROM THEIR INDICATIVE LOCATIONS. PYLONS MAY BE MOVED SUBJECT TO THESE LIMITS WHERE LOCAL CONSTRAINTS ARE IDENTIFIED PRIOR TO OR DURING CONSTRUCTION.

Issue	Date	Remarks	Drawn	Checked	Approved
0	MAR-26	FOR DCO SUBMISSION	SH	TF	AK

Title

MERIDIAN SOLAR FARM
ILLUSTRATIVE OVERHEAD
LINE LIMITS OF DEVIATION
SHEET 3 OF 9

Meridian Solar

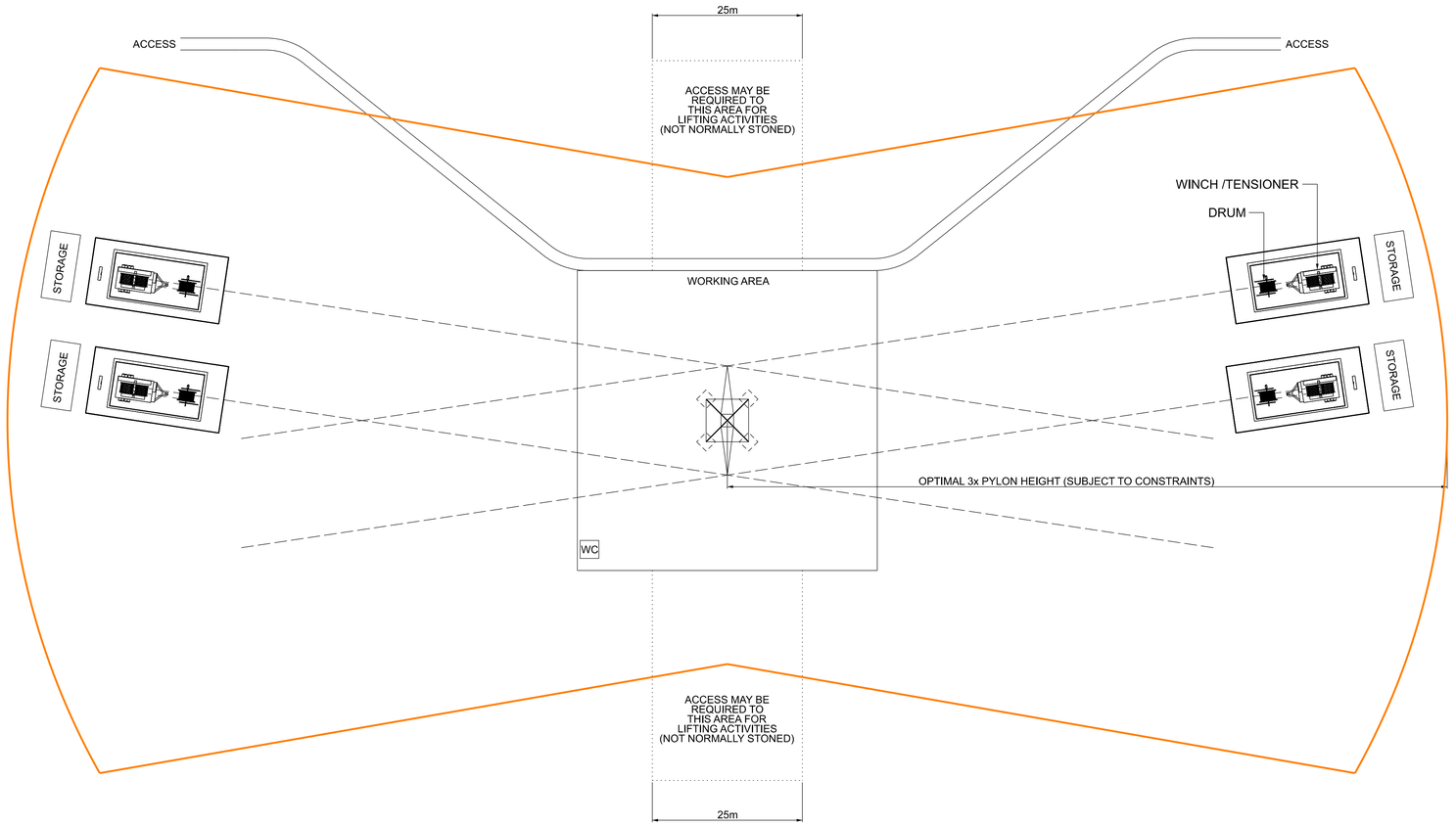
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Downing Drawing Reference
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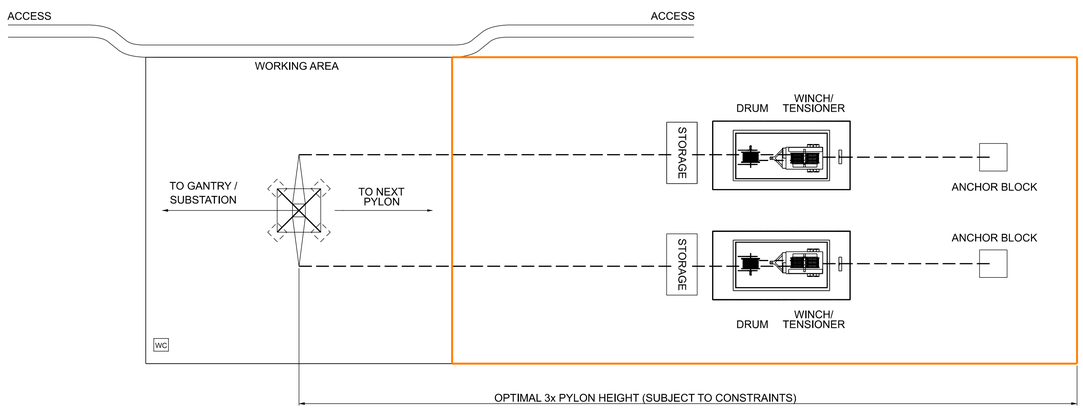
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N.T.S	A1	3 OF 9	0

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MERIDIAN SOLAR FARM
ILLUSTRATIVE LATTICE PYLON CONDUCTOR PULLING POSITIONS
SHEET 4 OF 9



ARRANGEMENT AT ANGLE PYLON



ARRANGEMENT AT TERMINAL PYLON

LEGEND

- PYLON
- FOUNDATION (BELOW GROUND LEVEL)
- ACCESS TRACK/ROAD
- OHL CONDUCTORS
- CONDUCTOR PULLING POSITION

Notes

1. ALL DIMENSIONS ARE INDICATED IN METRES (m) UNLESS NOTED OTHERWISE.
2. FOR TERMINAL PYLON, EQUIPMENT FOR PULLING ACTIVITY IS SHOWN ON THE RIGHT-HAND SIDE, HOWEVER THIS CAN BE REVERSED.
3. THIS DRAWING SHOWS A CONDUCTOR PULLING AREA DURING CONDUCTOR INSTALLATION.

Issue	Date	Remarks	Drawn	Checked	Approved
0	MAR-26	FOR DCO SUBMISSION	SH	TF	AK

Title

MERIDIAN SOLAR FARM
ILLUSTRATIVE LATTICE PYLON
CONDUCTOR PULLING POSITIONS
SHEET 4 OF 9

Meridian Solar

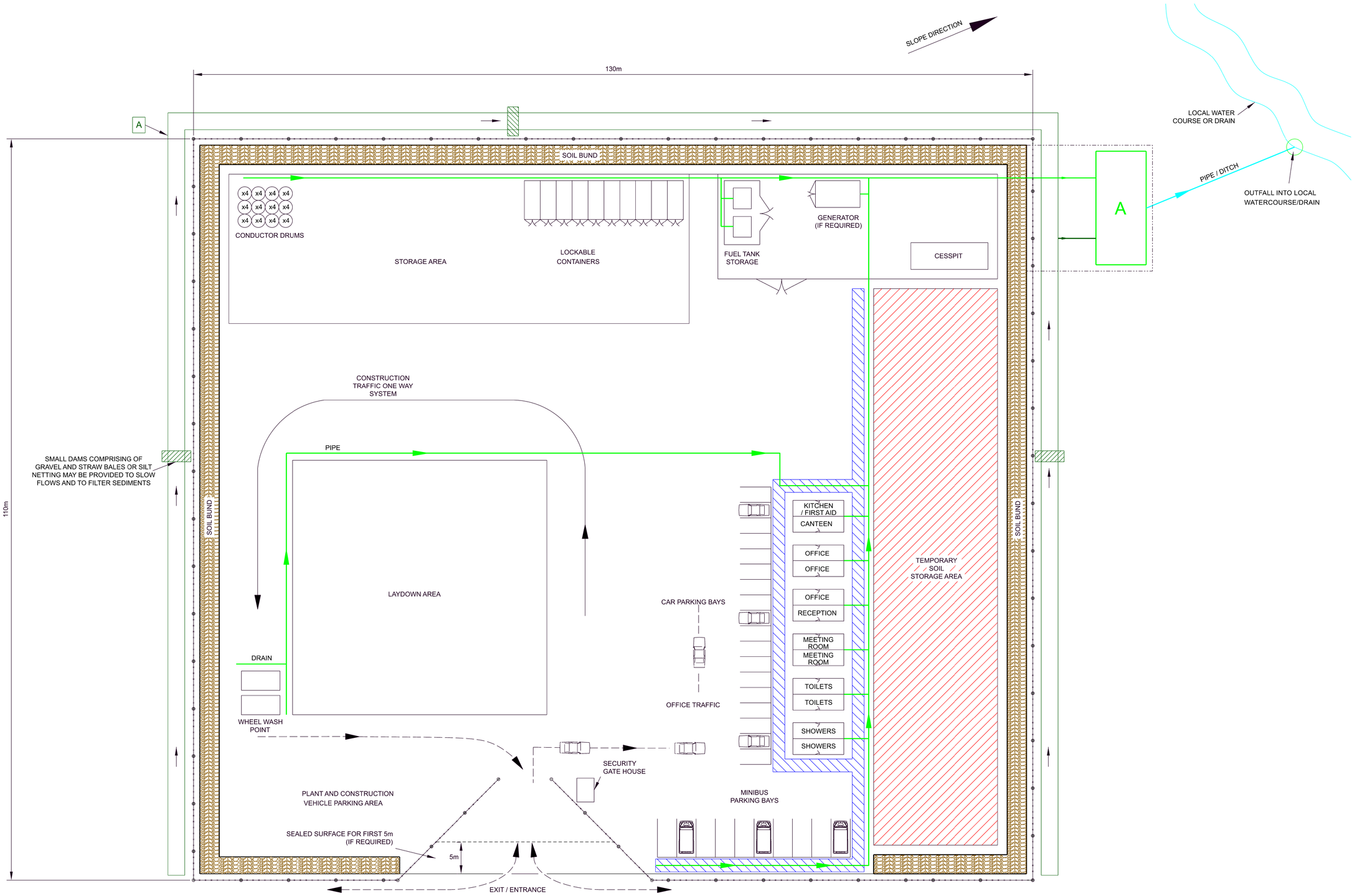
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Downing Drawing Reference
DCO_DE/PS/04

Scale	Sheet Size	Sheet	Issue
N.T.S	A1	4 OF 9	0

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MERIDIAN SOLAR FARM
ILLUSTRATIVE CONSTRUCTION COMPOUND
SHEET 5 OF 9



LEGEND

- PEDESTRIAN ACCESS
- SOIL BUND
- TEMPORARY SOIL STORAGE
- INTERCEPTOR DITCH
- FENCELINE
- GATE

A EXTERNAL COMPOUND INTERCEPTION DITCHES AND SURFACE WATER FLOWS FROM ALL IMPERMEABLE; CAR PARK, CABINS, LAY DOWN AREA ETC. CONVEYED INTO SILTATION SUMP, OIL FILTER AND RETENTION FACILITY. FLOWS OF WATER DISCHARGED FROM FACILITIES MUST BE RESTRICTED TO FLOW RATES EQUIVALENT OR LOWER THAN EXISTING GREEN FIELD RUNOFF RATES.

Notes

1. ALL DIMENSIONS ARE INDICATED IN METRES (m) UNLESS NOTED OTHERWISE
2. DIMENSIONS AND LAYOUT ARRANGEMENT SHOWN ARE INDICATIVE ONLY. DESIGN WILL VARY ACCORDING TO THE AVAILABLE AREA, THE SPECIFIC SITE CONSTRAINTS AND THE CONSTRUCTION CONTRACTOR'S REQUIREMENTS.
3. THIS DRAWING SHOWS A TYPICAL CONSTRUCTION COMPOUND, WHICH WILL BE IN PLACE DURING CONSTRUCTION OF THE RELEVANT ASPECTS OF THE CONSTRUCTION PROGRAMME AND REMOVED/RESTORED FOLLOWING COMPLETION OF CONSTRUCTION WORKS.
4. SOIL BUND WILL BE DESIGNED WITH SUITABLE GAPS / DRAINAGE PIPES TO ALLOW WATER FLOW IN FLOOD CONDITIONS.
5. SOIL WITHIN COMPOUND TO BE STRIPPED AND COMPOUNDS TEMPORARILY SURFACED.
6. SITE CABINS MAY BE DOUBLE STOREY AND MAY BE RAISED TO TAKE ACCOUNT OF POTENTIAL FLOOD RISK.

Issue	Date	Remarks	Drawn	Checked	Approved
1	OCT-26	UPDATES FOR EXQ1	LRCB	TF	JC
0	MAR-26	FOR DCO SUBMISSION	SH	TF	AK

Title

MERIDIAN SOLAR FARM
ILLUSTRATIVE CONSTRUCTION COMPOUND
SHEET 5 OF 9

Meridian Solar

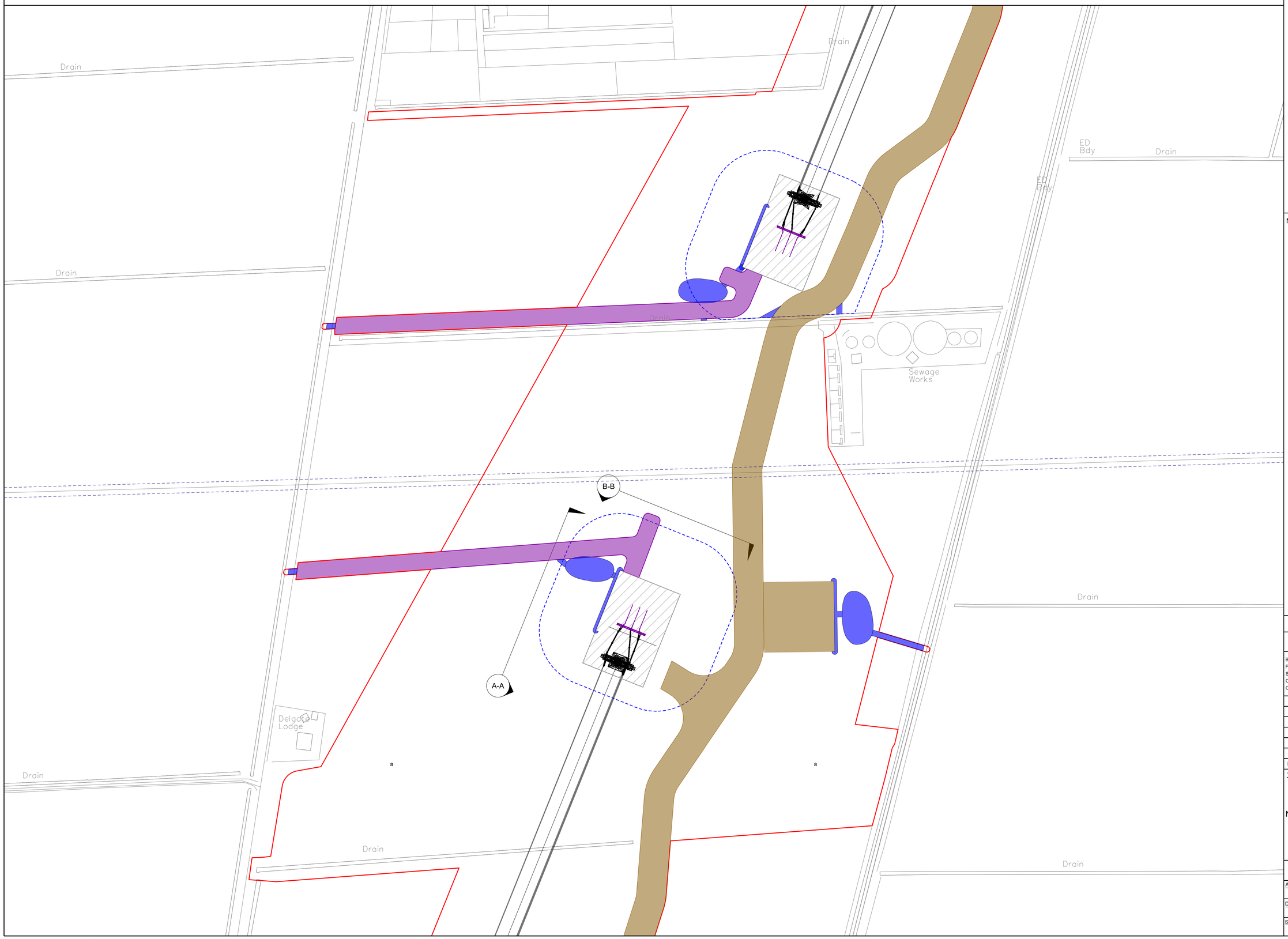
Application Number: EN010169

Downing Drawing Reference: DCO_DE/PS/05

Scale	Sheet Size	Sheet	Issue
N.T.S	A1	5 OF 9	1

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MERIDIAN SOLAR FARM
INDICATIVE LAYOUT PLAN FOR THE NORTHERN AND SOUTHERN 400kV CABLE SEALING END COMPOUNDS FOR THE 132kV OHL CROSSING
SHEET 6 OF 9



LEGEND

- 132kV OVERHEAD LINE
- ORDER LIMITS
- LIMITS OF DEVIATION FOR CSE COMPOUND
- CSEC EQUIPMENT
- OVERHEAD LINE EQUIPMENT
- ZONE WITHIN WHICH CONTAINS THE OHL PYLON AND WHERE CSEC EQUIPMENT COULD BE LOCATED
- PERMANENT ACCESS ROAD
- TEMPORARY CONSTRUCTION COMPOUND, TEMPORARY ACCESS ROAD
- DRAINAGE
- A-A — ELEVATION A-A (DETAILS ON SHEET 7)
- B-B — ELEVATION B-B (DETAILS ON SHEET 7)

Notes

1. THIS DRAWING IS SCALED AT PAPER SIZE A1, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
2. NO UNAUTHORISED DISCLOSURE, STORAGE OR COPYING.
3. ALL SPATIAL COORDINATES RELATE TO THE ORDNANCE SURVEY, BRITISH NATIONAL GRID (OSGB36).
4. FOR THE FINAL DESIGN OF THE CABLE SEALING END COMPOUND, THE FENCELINE MAY NOT ENCOMPASS THE PYLON.
5. SEE SHEET 7 OF 9 FOR ILLUSTRATIVE ELEVATION DRAWINGS FOR BOTH THE NORTHERN AND SOUTHERN CABLE SEALING END COMPOUNDS.

Coordinate System: British National Grid
Sheet Centroid Coordinate X: 528582 Y: 319056

12.5 25.0 37.5 50.0 62.5 75.0 87.5 100.0 Metres

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0	MAR-26	FOR DCO SUBMISSION	SH	TF	AK

Title

MERIDIAN SOLAR FARM
INDICATIVE LAYOUT PLAN FOR THE NORTHERN AND SOUTHERN 400kV CABLE SEALING END COMPOUNDS FOR THE 132kV OHL CROSSING
SHEET 6 OF 9

Meridian Solar

Application Number: EN010169

Downing Drawing Reference: DCO_DE/PS/06

Scale	Sheet Size	Sheet	Issue
1:1,250	A1	6 OF 9	0

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MERIDIAN SOLAR FARM
ILLUSTRATIVE ELEVATION FOR THE NORTHERN AND SOUTHERN 400kV CABLE SEALING END COMPOUNDS FOR THE 132kV OHL CROSSING
SHEET 7 OF 9

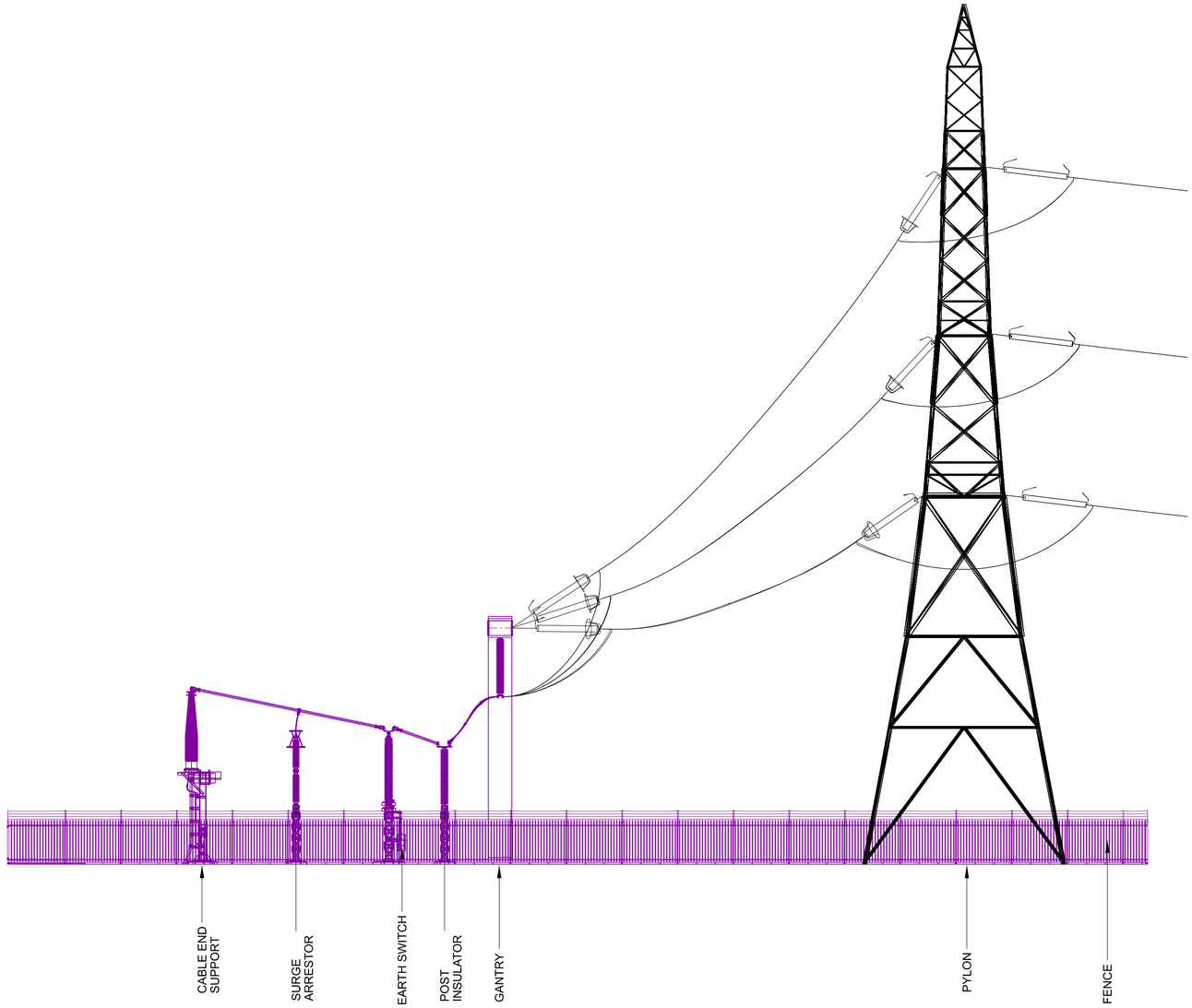
LEGEND

CSEC EQUIPMENT

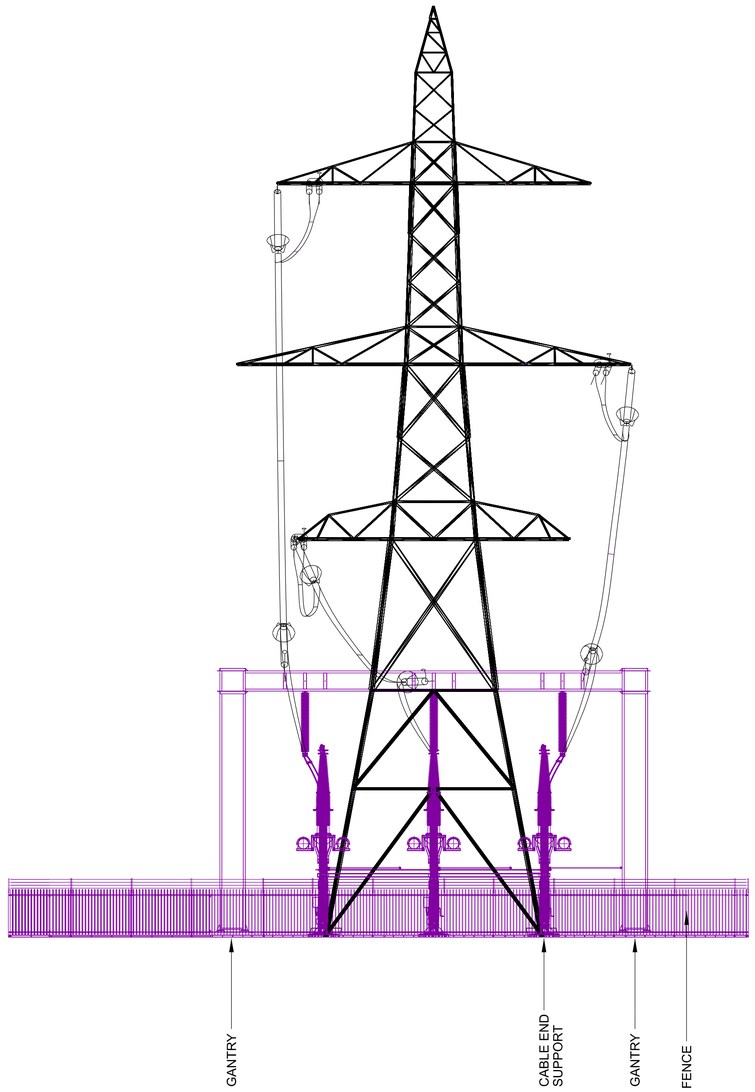
OVERHEAD LINE EQUIPMENT

Notes

1. THIS DRAWING IS SCALED AT PAPER SIZE A1, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
2. NO UNAUTHORISED DISCLOSURE, STORAGE OR COPYING.
3. FOR THE FINAL DESIGN OF THE CABLE SEALING END COMPOUND, THE FENCELINE MAY NOT ENCOMPASS THE PYLON.
4. ELEVATIONS ARE REPRESENTATIVE OF BOTH THE NORTHERN AND SOUTHERN CABLE SEALING END COMPOUNDS FOR THE 132kV OVERHEAD LINE CROSSING. FOR ELEVATION LOCATIONS PLEASE SEE SHEET 6 OF 9.



VIEW ON ELEVATION 'A-A'



VIEW ON ELEVATION 'B-B'

0 1 2 3 4 5 6 7 8 Metres

Issue	Date	Remarks	Drawn	Checked	Approved
0	MAR-26	FOR DCO SUBMISSION	SH	TF	AK

Title

MERIDIAN SOLAR FARM
ILLUSTRATIVE ELEVATION FOR THE NORTHERN AND SOUTHERN 400kV CABLE SEALING END COMPOUNDS FOR THE 132kV OHL CROSSING
SHEET 7 OF 9

Meridian Solar

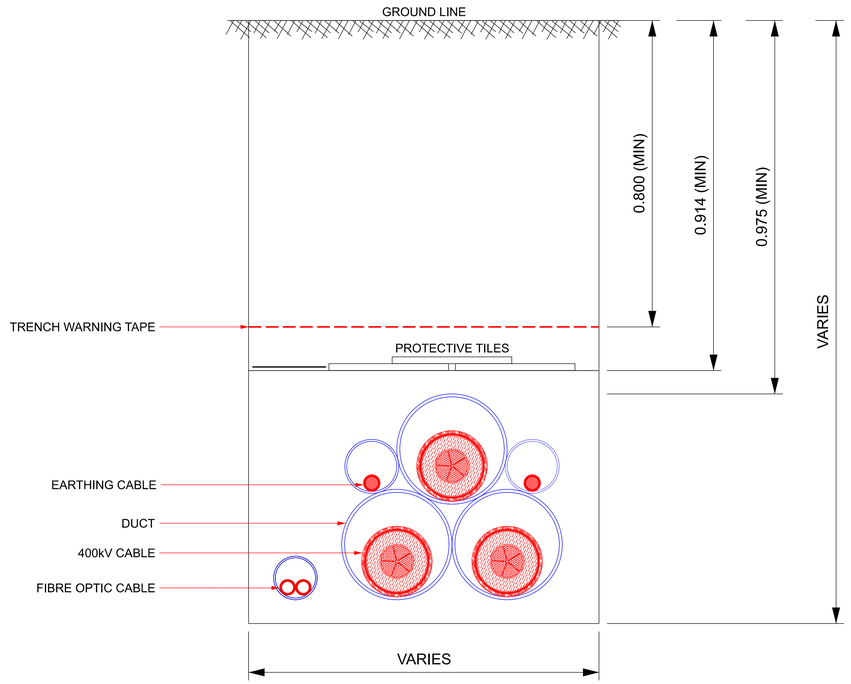
Application Number: EN010169

Downing Drawing Reference: DCO_DE/PS/07

Scale	Sheet Size	Sheet	Issue
1:100	A1	7 OF 9	0

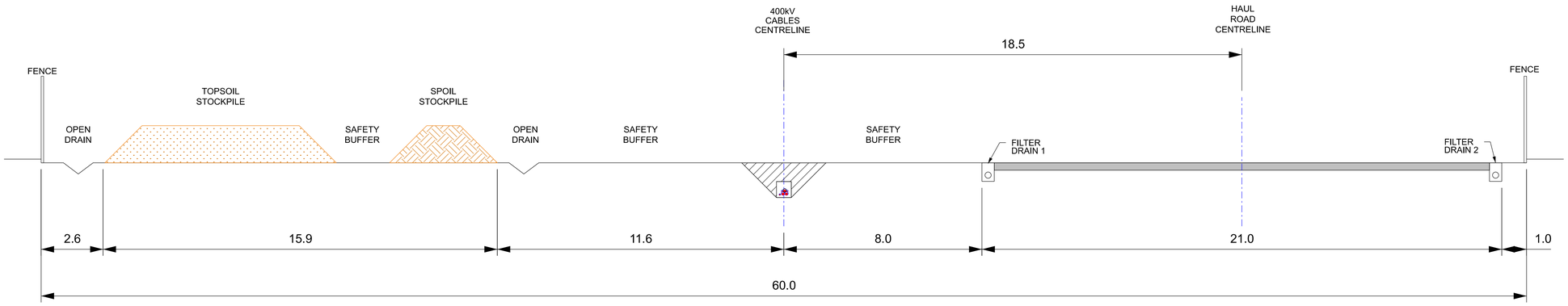
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MERIDIAN SOLAR FARM
ILLUSTRATIVE UNDERGROUND CABLE CROSS SECTIONS - OPEN CUT
SHEET 8 OF 9



DETAIL 1
DUCTED INSTALLATION IN ARABLE LAND
(SCALE - 1:8)

0 0.100 0.200 0.300 0.400 0.500 Metres



CROSS SECTION
TYPICAL CABLE CONSTRUCTION SWATHE
(SCALE - 1:100)

0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 Metres

LEGEND

SPOIL STOCKPILE

TOPSOIL STOCKPILE

Notes

1. ALL DIMENSIONS ARE INDICATED IN METRES (m) UNLESS NOTED OTHERWISE.
2. THIS DRAWING IS SCALED AT PAPER SIZE A1, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
3. TREFOIL CABLE FORMATION IS INDICATIVE ONLY: OTHER INSTALLATION TECHNIQUES AND LAYOUTS ARE AVAILABLE, SUBJECT TO DETAILED DESIGN.
4. CABLES LAID USING THE DIRECT BURIED INSTALLATION TECHNIQUE WILL REMAIN IN THE SAME TREFOIL CABLE ARRANGEMENT WITHOUT BEING ENCLOSED WITHIN INDIVIDUAL CABLE DUCTS.

Issue	Date	Remarks	Drawn	Checked	Approved
0	MAR-26	FOR DCO SUBMISSION	SH	TF	AK

Title

MERIDIAN SOLAR FARM
ILLUSTRATIVE UNDERGROUND CABLE CROSS SECTIONS - OPEN CUT
SHEET 8 OF 9

Meridian Solar

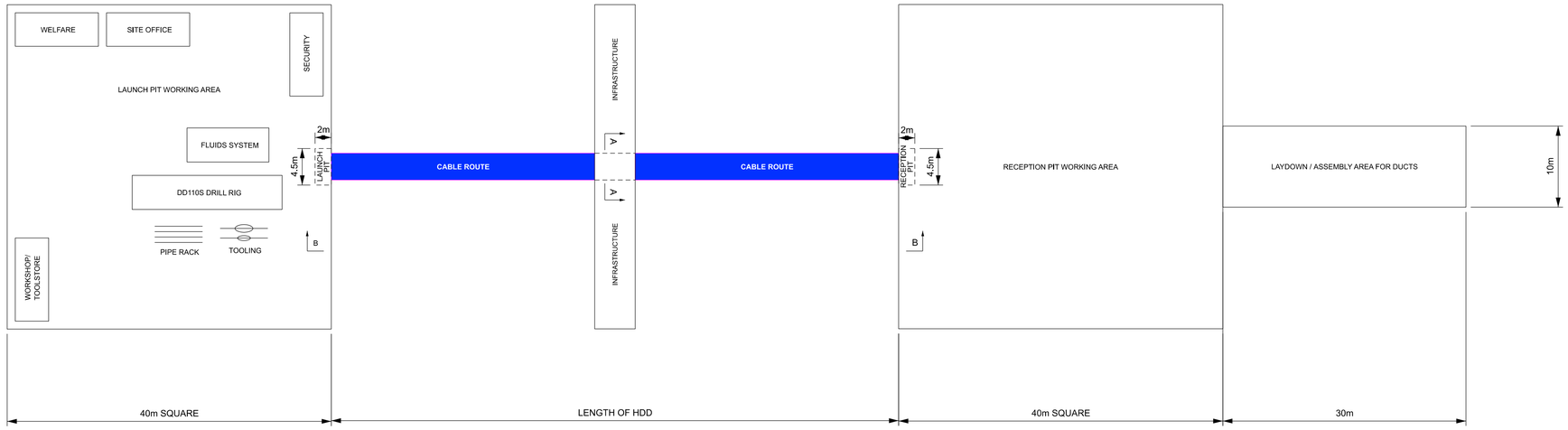
Application Number
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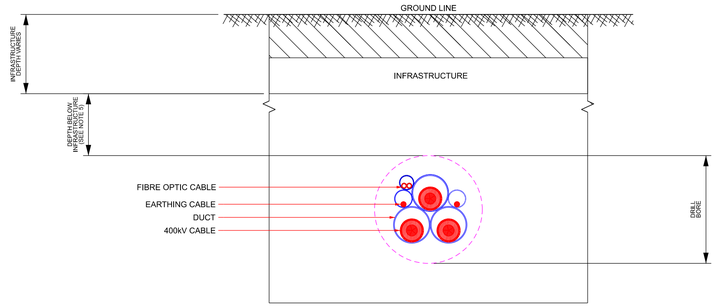
Scale	Sheet Size	Sheet	Issue
AS SHOWN	A1	8 OF 9	0

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MERIDIAN SOLAR FARM
ILLUSTRATIVE UNDERGROUND CABLE CROSS SECTIONS - HORIZONTAL DIRECTIONAL DRILL (HDD)
SHEET 9 OF 9

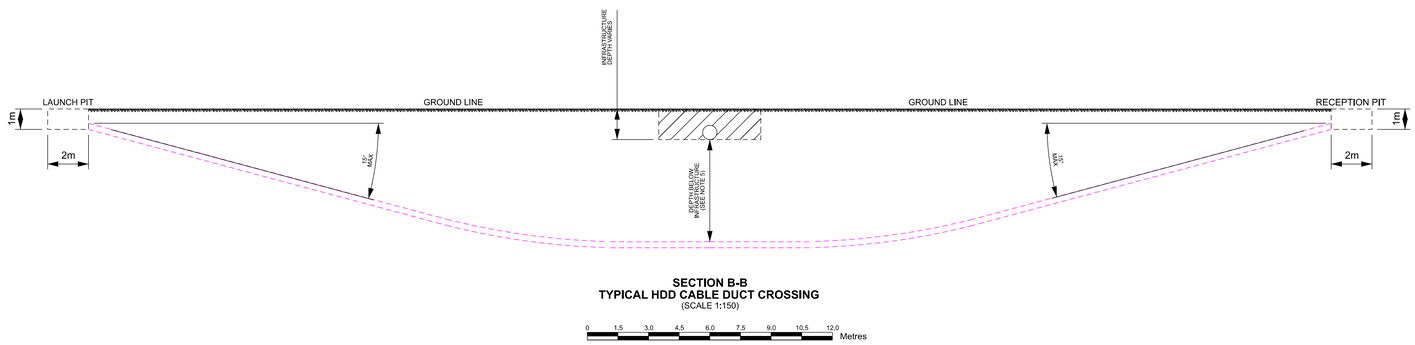


TYPICAL PLAN VIEW OF HDD UNDER TYPICAL INFRASTRUCTURE
(NOT TO SCALE)



SECTION A-A
TYPICAL DUCTED CABLE CIRCUIT UNDER INFRASTRUCTURE
(SCALE 1:25)

0 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00 Metres



SECTION B-B
TYPICAL HDD CABLE DUCT CROSSING
(SCALE 1:150)

0 1.5 3.0 4.5 6.0 7.5 9.0 10.5 12.0 Metres

LEGEND

- INDIGENOUS SOIL
- PROPOSED CABLE ALIGNMENT
- PROPOSED HDD CABLE ROUTE

Notes

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2. THIS DRAWING IS SCALED AT PAPER SIZE A1. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
3. PROPOSED ARRANGEMENT SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. DIMENSIONS AND DESIGN MAY VARY DEPENDING ON SITE AND INSTALLATION CONDITIONS AND IS SUBJECT TO DETAILED DESIGN.
4. GROUND PROFILES ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.
5. DEPTH BELOW INFRASTRUCTURE TO BE AGREED WITH THE INFRASTRUCTURE ASSET OWNERS.
6. DIMENSIONS OF WORKING AREAS ARE APPROXIMATE AND VARY BASED UPON SITE CONDITIONS.

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0	MAR-26	FOR DCO SUBMISSION	SH	TF	AK

Title

MERIDIAN SOLAR FARM
ILLUSTRATIVE UNDERGROUND CABLE CROSS SECTIONS - HORIZONTAL DIRECTIONAL DRILL (HDD)
SHEET 9 OF 9

Meridian Solar

Application Number: EN010169

Downing Drawing Reference: DCO_DE/PS/09

Scale	Sheet Size	Sheet	Issue
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