SUNNY OAKS RENEWABLE ENERGY PARK

Typical Elevation Figures

PREPARED ON BEHALF OF

RIDGE CLEAN ENERGY

AUGUST 2022

engena

SUNNY OAKS RENEWABLE ENERGY PARK - TYPICAL ELEVATION FIGURES

FIGURE LIST

Development Proposal

SUNNY OAKS RENEWABLE ENERGY PARK

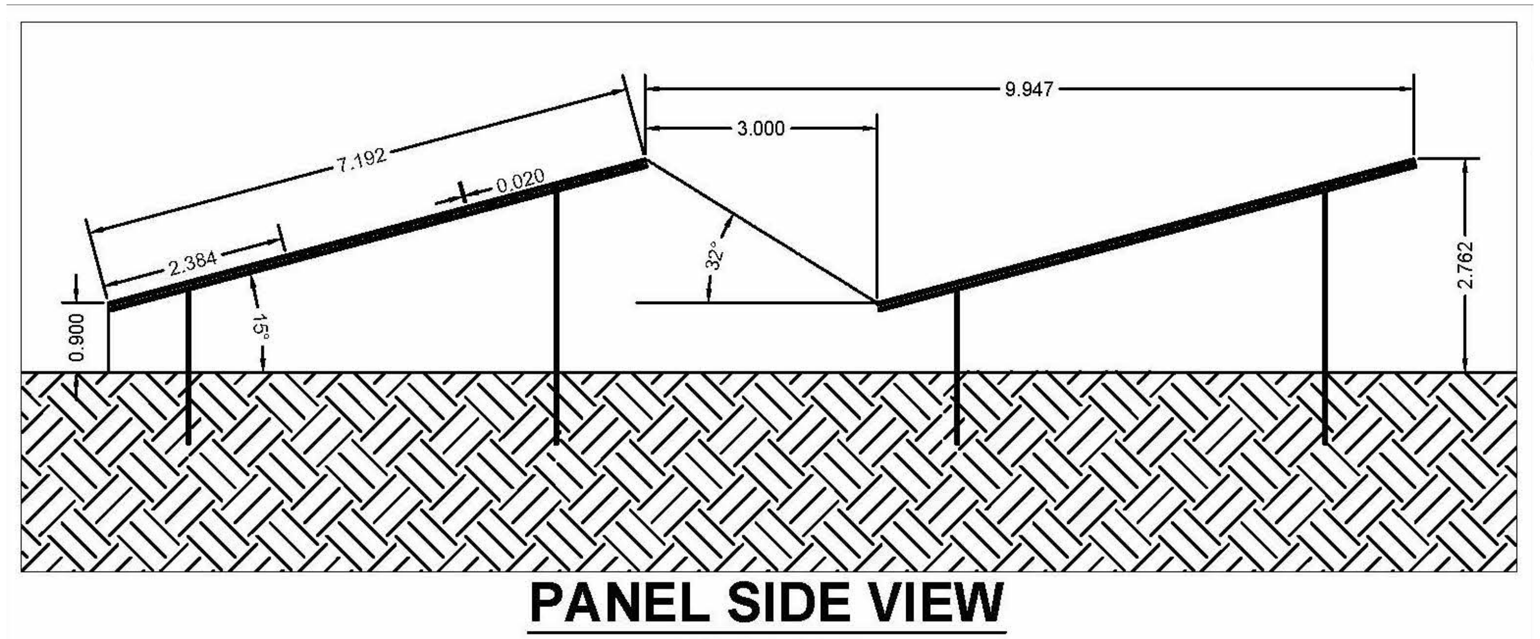
Typical Solar Panel and Frame Elevation

Figure SUO-001

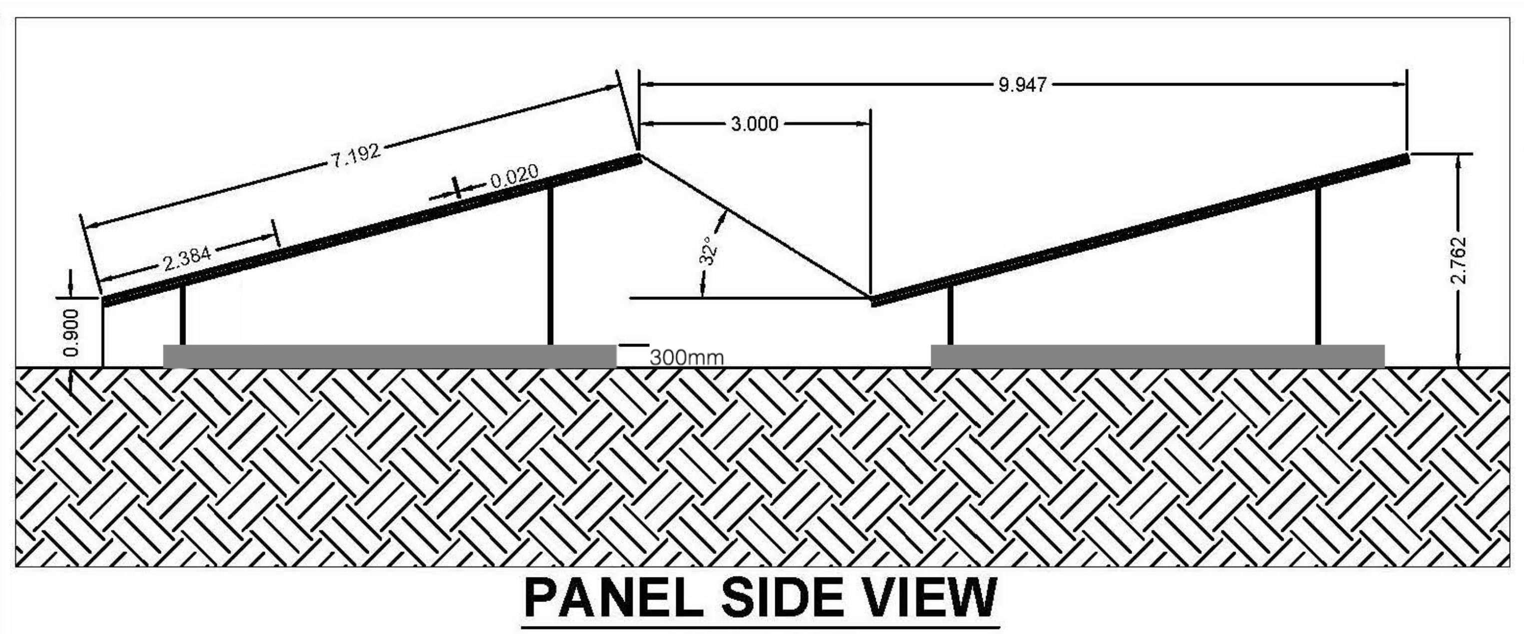
NOTES

1 All measurements in millimetres, unless stated otherwise

Push-piled Foundations



Surface Mounted Foundations



Scale 1:50 at A3

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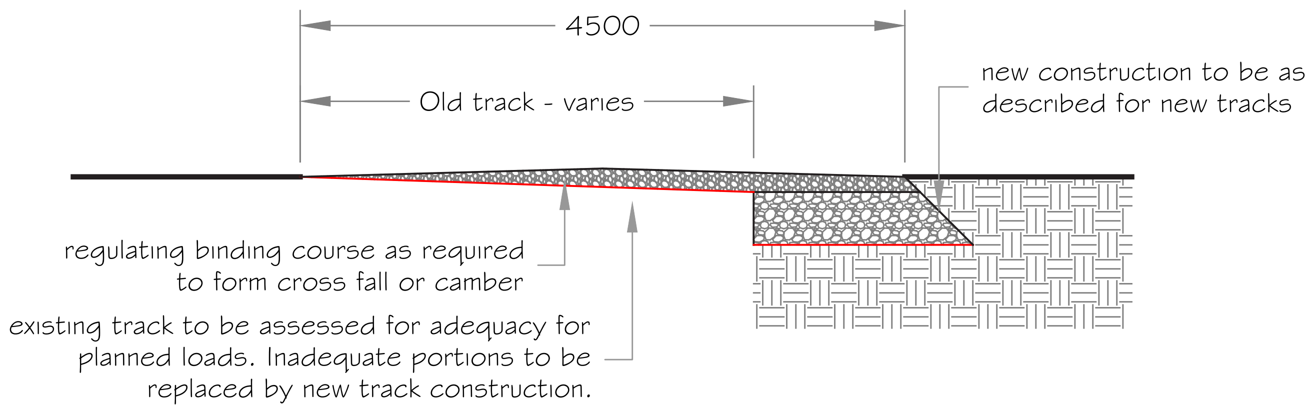
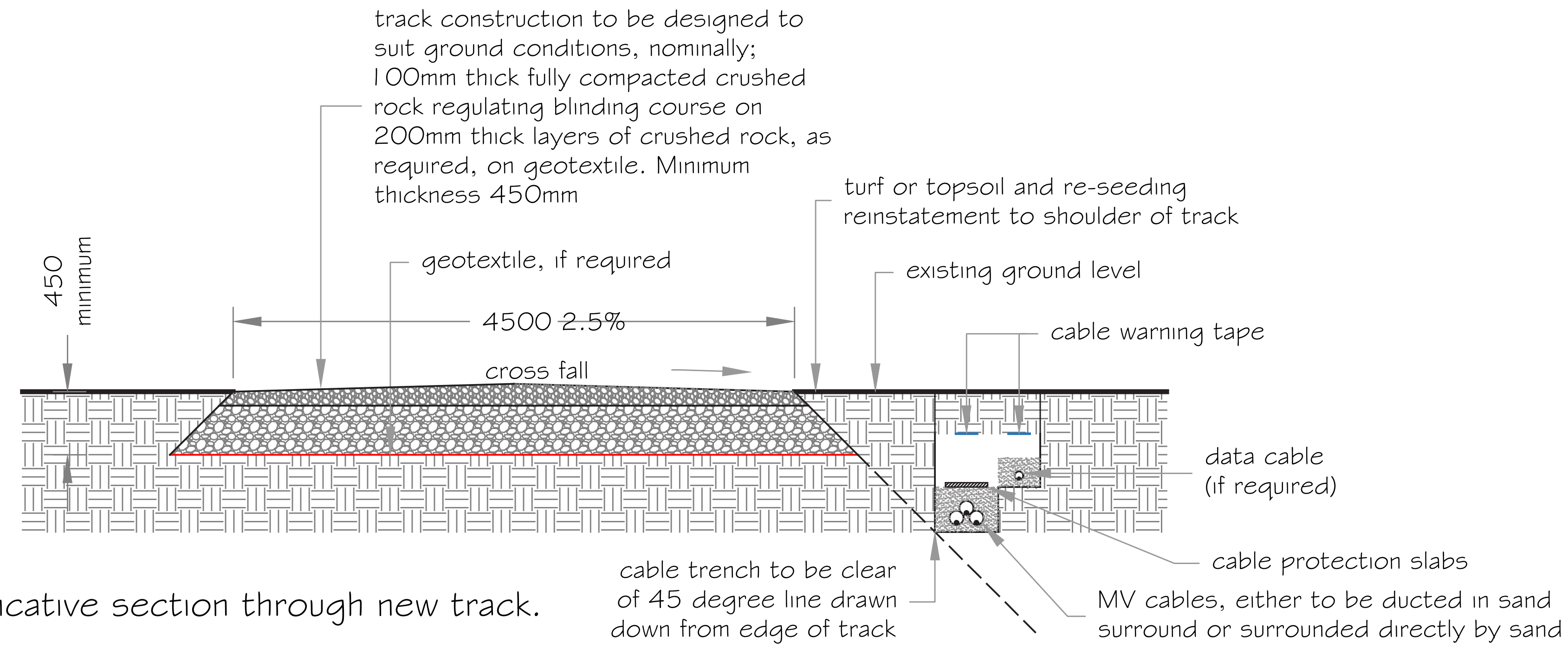
SUNNY OAKS RENEWABLE ENERGY PARK

Typical Access Track



Indicative section through widened track.



Indicative section through new track.

Inset - Typical Access Track Appearance

Figure SUO-002

NOTES

1. All measurements in millimetres, unless stated otherwise
2. The thickness of the gravel layer depends on the load-bearing capacity of the subsoil and must be taken from the soil expertise
3. The gravel must be placed in layers and compacted. Information on this and the proctor density to be achieved can also be found in the soil report
4. The required number of ductworks must be determined and can be higher than shown in the drawing

Scale 1:50 at A3

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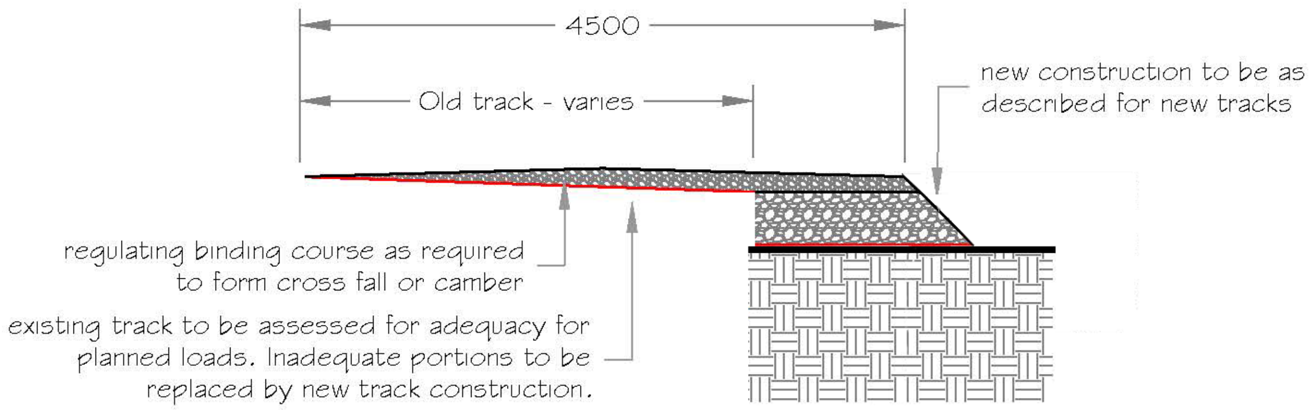
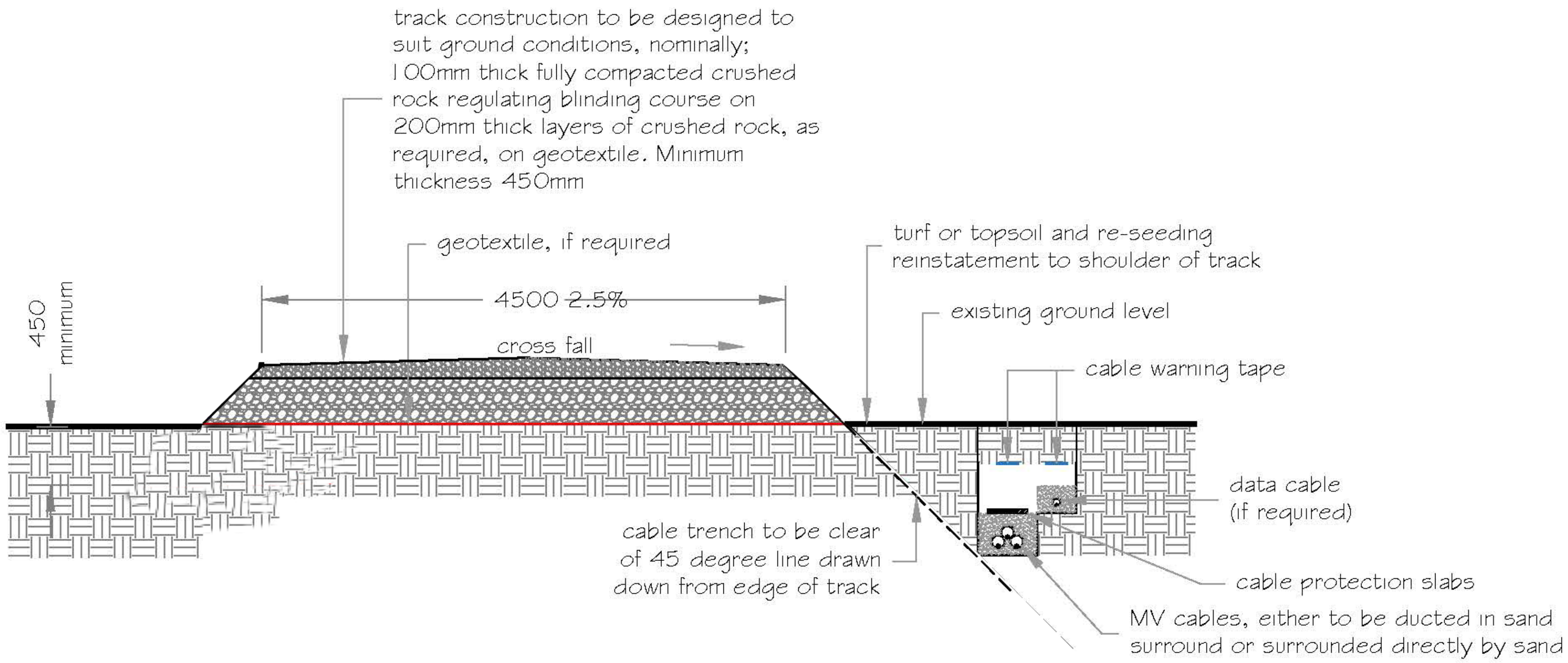


Indicative section through widened track.

Inset - Typical Access Track Appearance



Indicative section through new track.

Scale 1:50 at A3

SUNNY OAKS RENEWABLE ENERGY PARK

Typical Surface-Mounted Access Track

Figure SUO-003

NOTES

1	All measurements in millimetres, unless stated otherwise
2	The thickness of the gravel layer depends on the load-bearing capacity of the subsoil and must be taken from the soil expertise
3	The gravel must be placed in layers and compacted. Information on this and the proctor density to be achieved can also be found in the soil report
4	The required number of ductworks must be determined and can be higher than shown in the drawing

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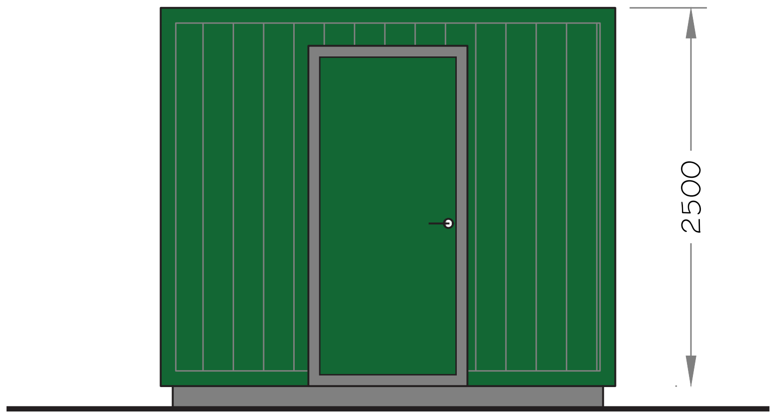
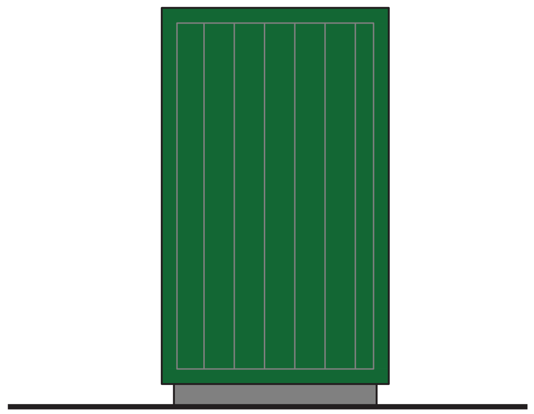
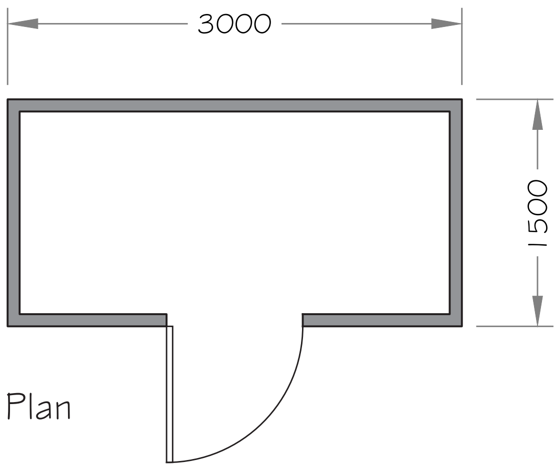


Side elevation



End elevation



Plan

Indicative 5MVA MV power stations (combined inverter/transformer) (3.0x1.5x2.5) built off 150mm high plinth.

Scale 1:50 at A3

SUNNY OAKS RENEWABLE ENERGY PARK

Typical Transformer Detail

Figure SUO-004

KEY

1	All measurements in millimetres, unless stated otherwise
2	Door arrangement and ventilation may vary
3	External finishes to be agreed with the LPA prior to construction
4	Built off 150mm high plinth

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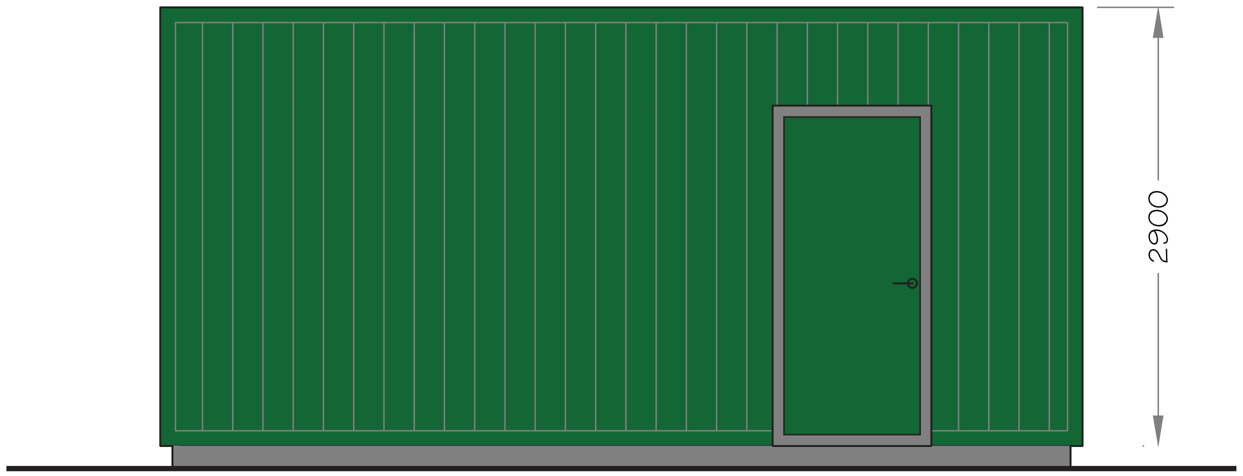
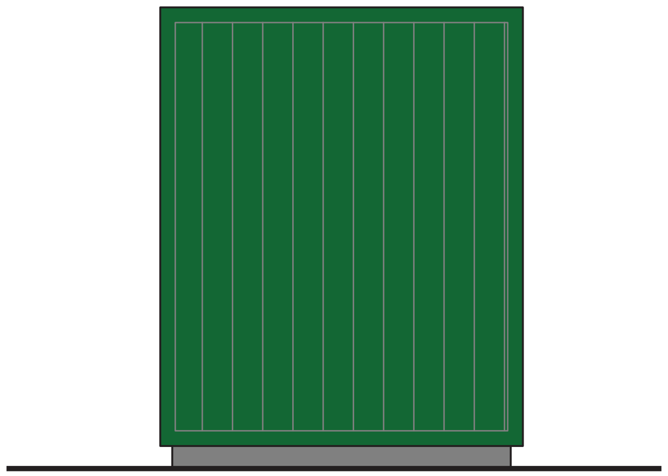
SUNNY OAKS RENEWABLE ENERGY PARK

Typical Customer Container Detail

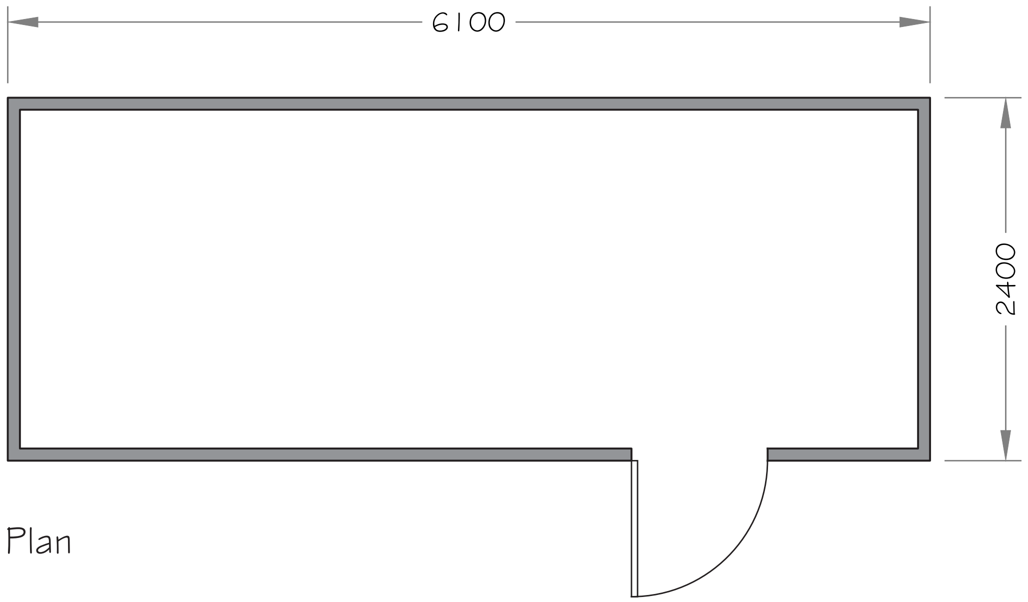
Figure SUO-005



Side elevation



End elevation



Plan

KEY

1. All measurements in millimetres, unless stated otherwise
2. Door arrangement and ventilation may vary
3. External finishes to be agreed with the LPA prior to construction
4. Built off 150mm high plinth
5. Where elevated

Scale 1:100 at A3

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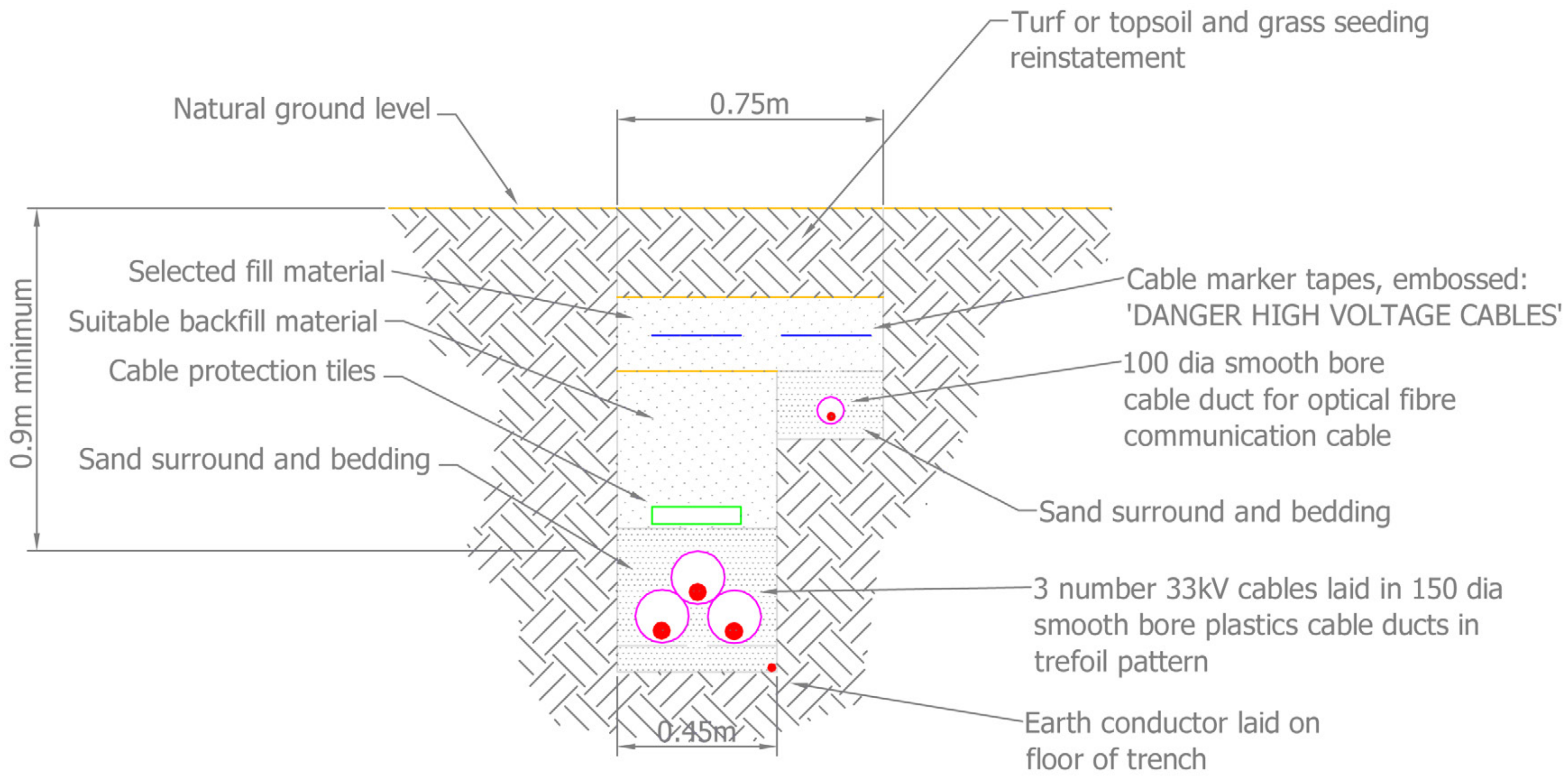

Scale 1:20 at A3

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Typical Cable Trench Detail

Figure SUO-006

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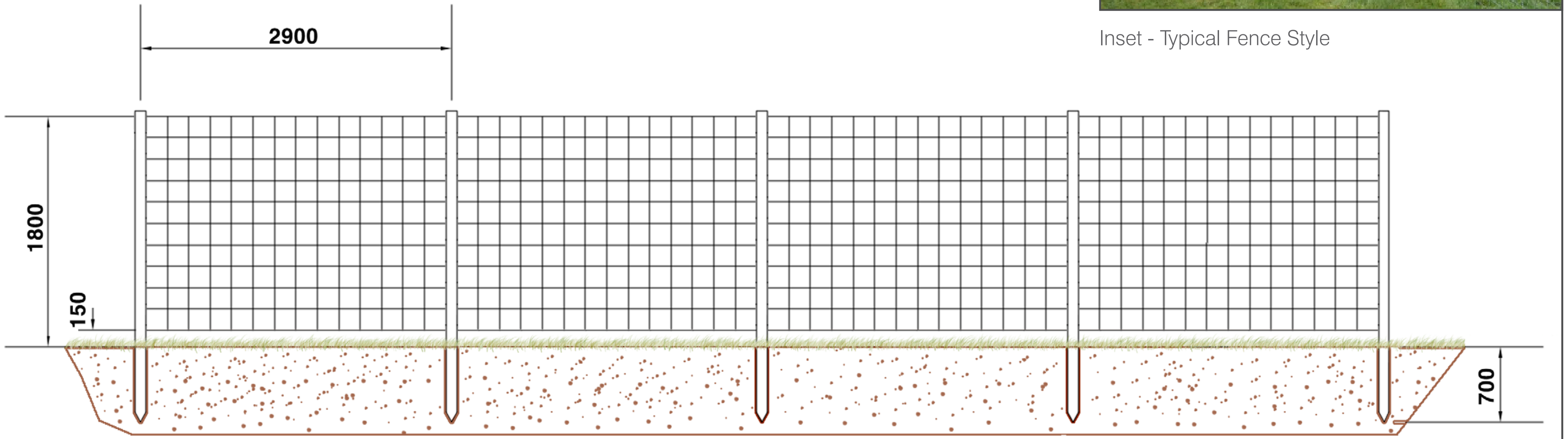
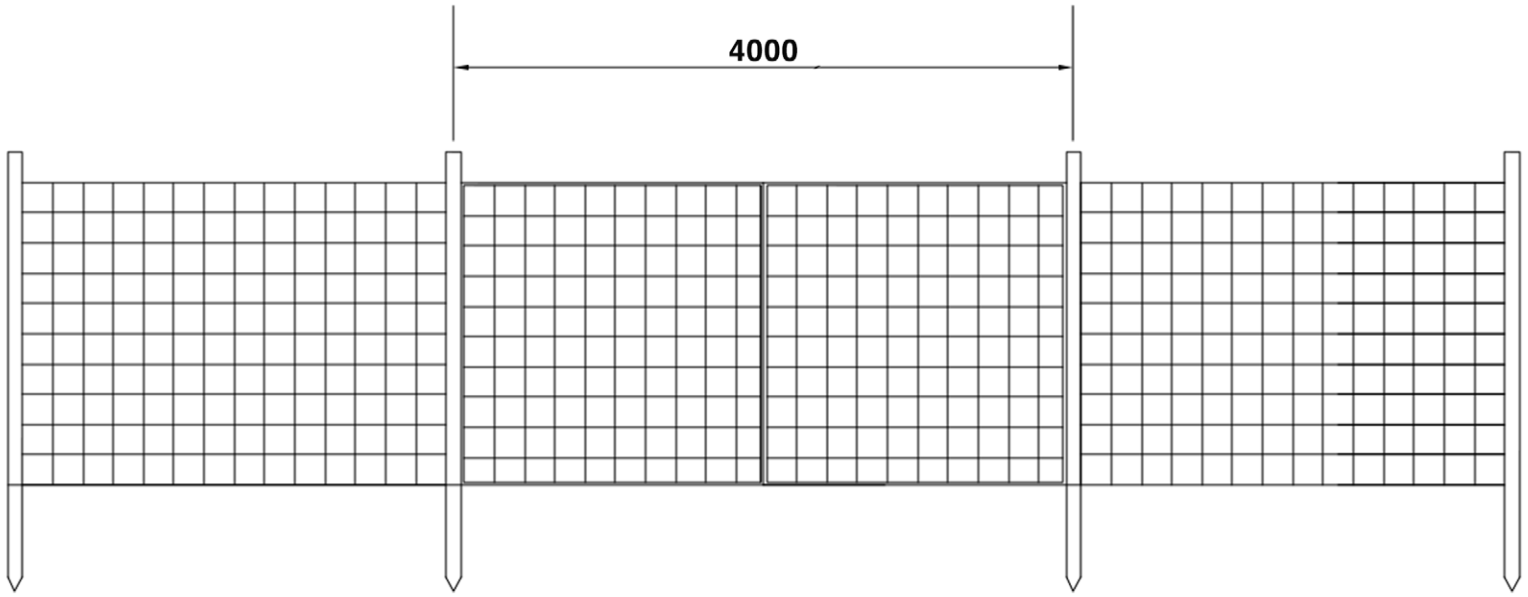
Inset - Typical Fence Style





Scale 1:50 at A3

SUNNY OAKS RENEWABLE ENERGY PARK

Typical Boundary Fence and Gate

Figure SUO-007

NOTES

1. All measurements in millimetres, unless stated otherwise
2. 1.8m High Tensile Deer Fencing
3. Fencing raised by 150mm to allow for passage of small animals.
4. Gates installed across access track at both ends.
5. Post depth according to ground conditions.

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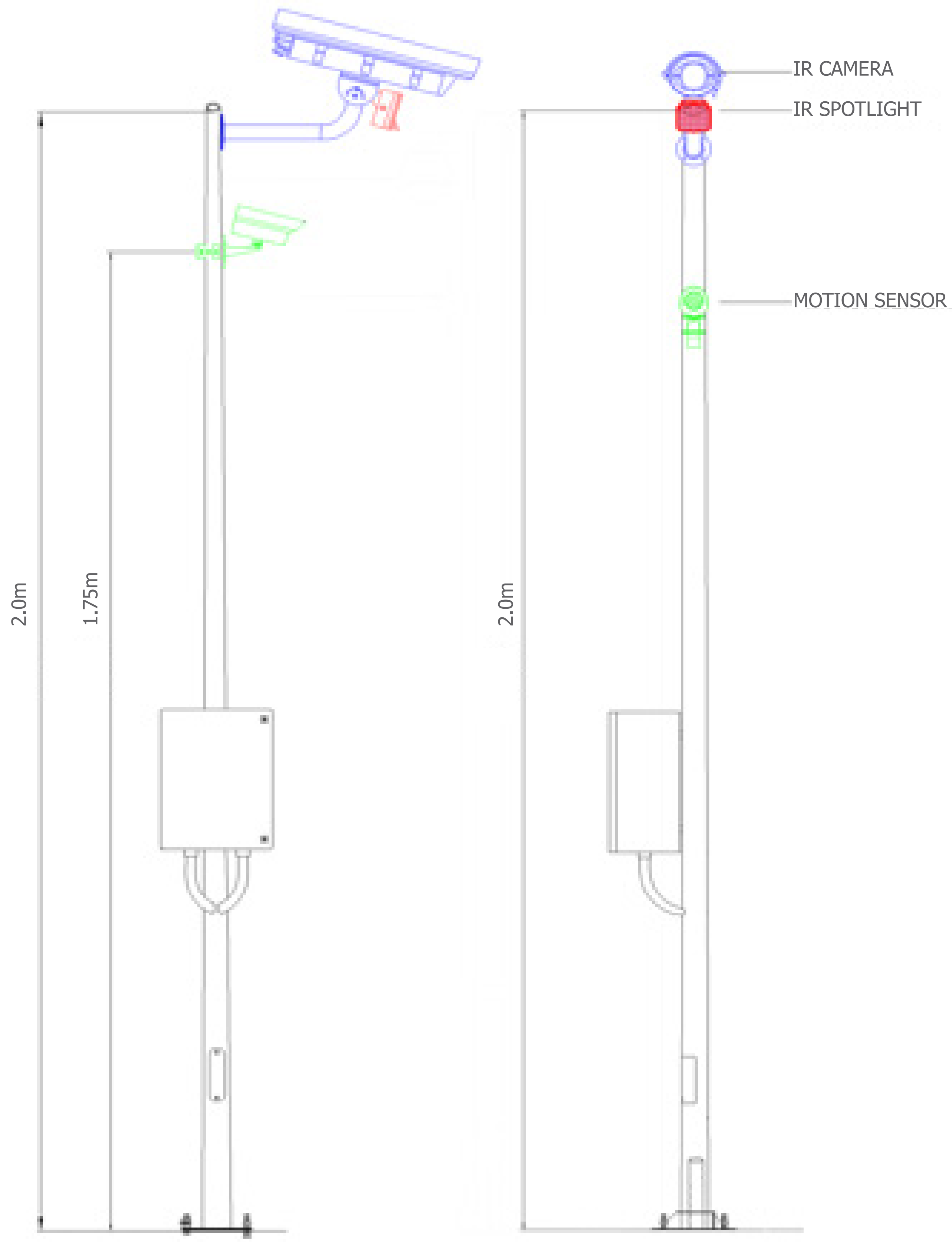
SUNNY OAKS RENEWABLE ENERGY PARK
Typical CCTV Detail



Scale 1:10 at A3

Figure SUO-008

NOTES

1. Exact equipment to be procured prior to construction in agreement with the LPA.
2. Cameras to be inwards-facing.

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