

Desailly Renewable Energy Park

Development Application

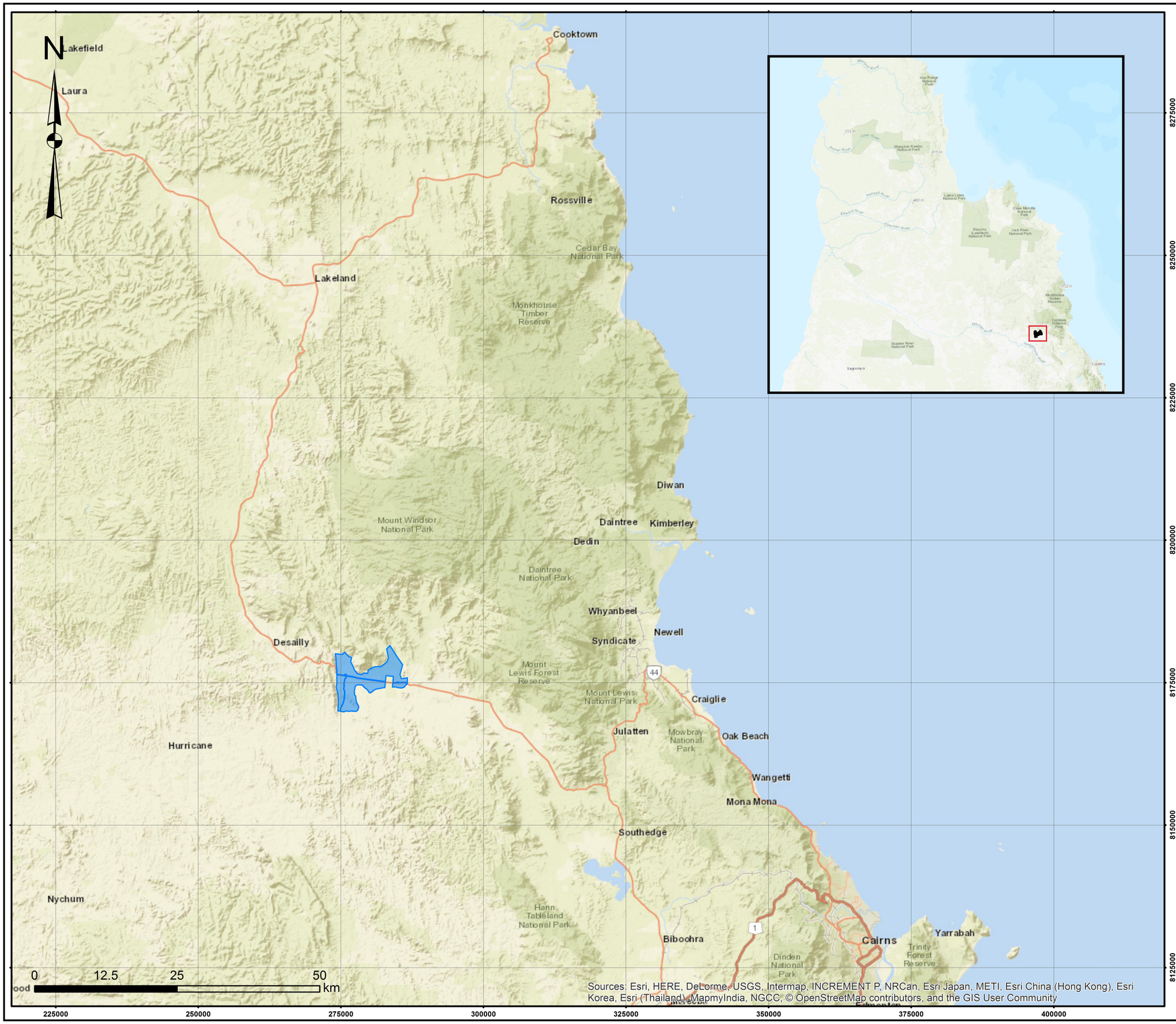
Volume 2: Figures

December 2017

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Figures

Number	Title
V2.01	Project Location
V2.02	Project Site
V2.03	Land Titles
V2.04	Project Design Layout
V2.05	Typical 2MW DC Array
V2.06	Typical PV Field
V2.07	Typical Turbo Synchronous Condenser Layout
V2.08	Typical Hydro Synchronous Condenser Layout
V2.09	Main substation, Control Room and Permanent Site Office
V2.10	Typical Temporary Construction Compound Layout
V2.11	Site Access



Desailly Renewable Energy Park

Figure V2.01

Project Location

Legend

Project Site

Ver	Date	Drawn by	Checked	Approved
V1	15/12/2017	AM	LM	DB

Coordinate System
GDA94 MGA zone 55

Size
A3

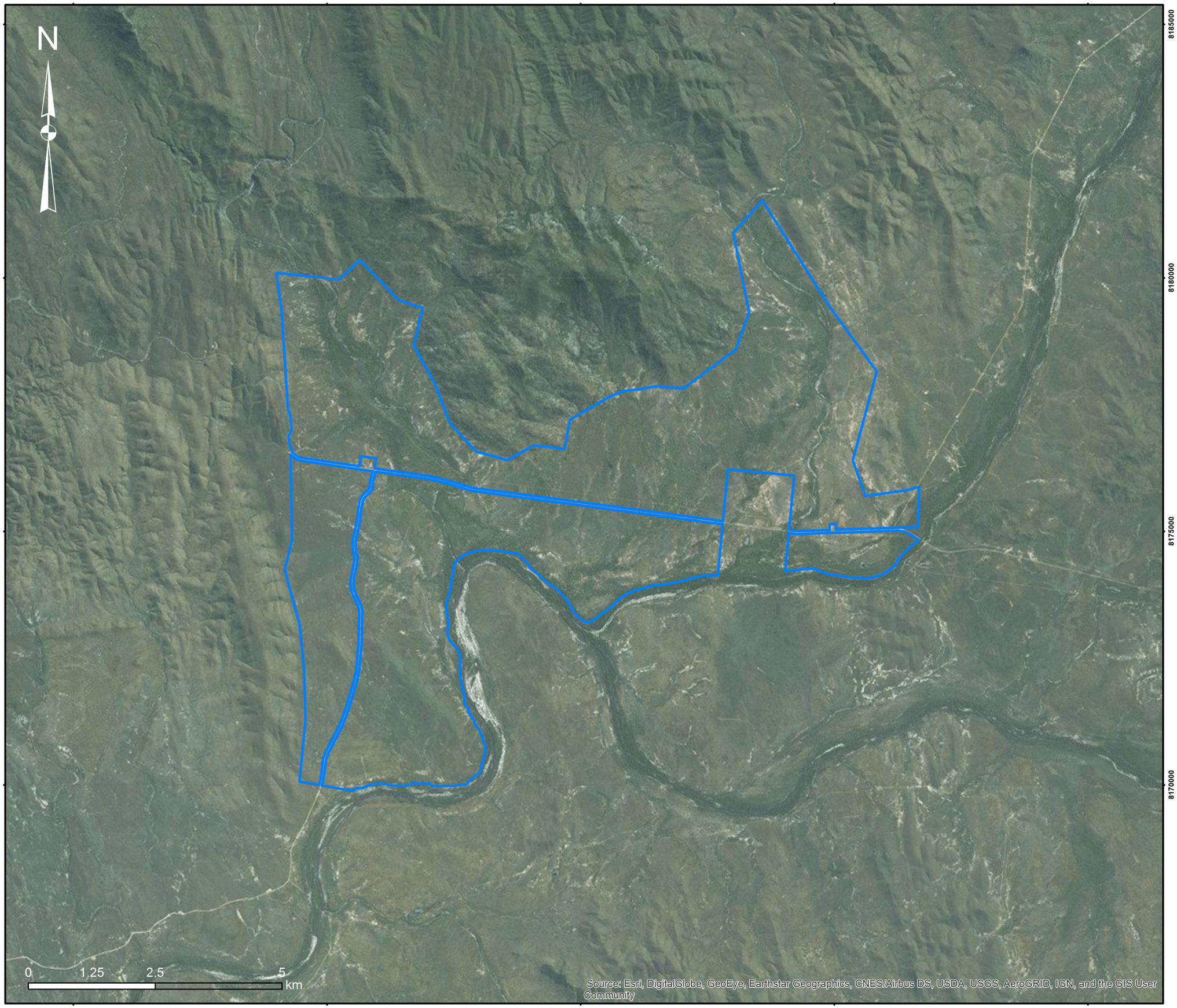
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Figure V2.02

Project Site

Legend

Project Site

Ver	Date	Drawn by	Checked	Approved
V1	15/12/2017	AM	LM	DB

Coordinate System
GDA94 MGA zone 55

Size
A3

Scale 1:70,000 Printed @ A3

Filename:
Fig_V2_02

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Figure V2.03

Land Titles

Legend

- Project Site
- 191SP284406

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V1	15/12/2017	AM	LM	DB

Coordinate System
GDA94 MGA zone 55

Size
A3

Scale 1:150,000 Printed @ A3

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N

Desailly
Mulligan Hwy
Mount Carbine
Mulligan Hwy
Mulligan Hwy

0 3 6 12 km

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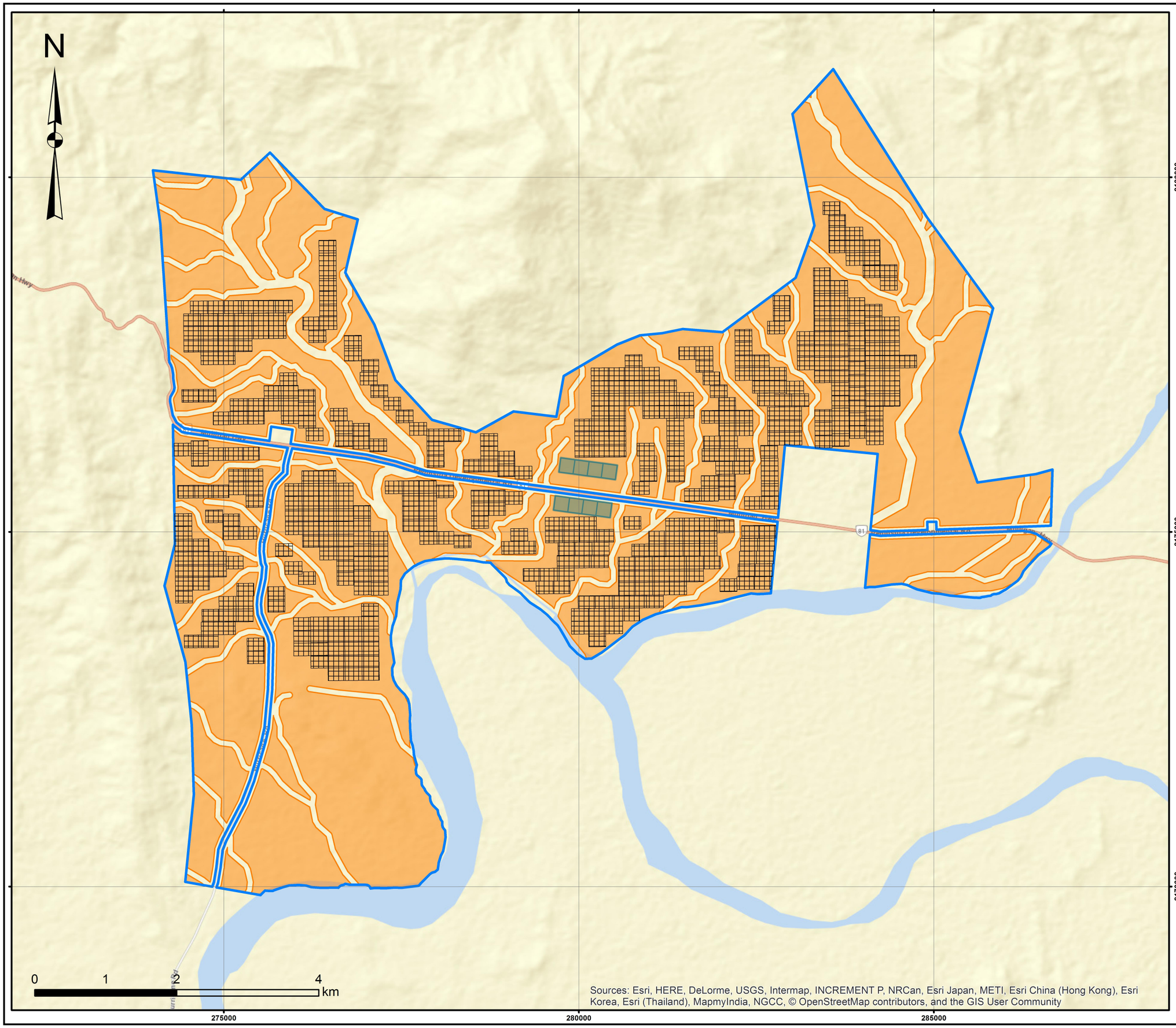
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260000 265000 270000 275000 280000 285000 290000 295000 300000 305000

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Figure V2.04

Project Design Layout



Legend

- Constrained Solar Areas
- Project Site
- Electrical/Construction Envelopes
- Solar Arrays

Notes:
LAYOUT INDICATIVE ONLY.
SUBJECT TO DETAILED DESIGN.

Ver	Date	Drawn by	Checked	Approved
V1	15/12/2017	AM	LM	DB

Coordinate System
GDA94 MGA zone 55

Size
A3

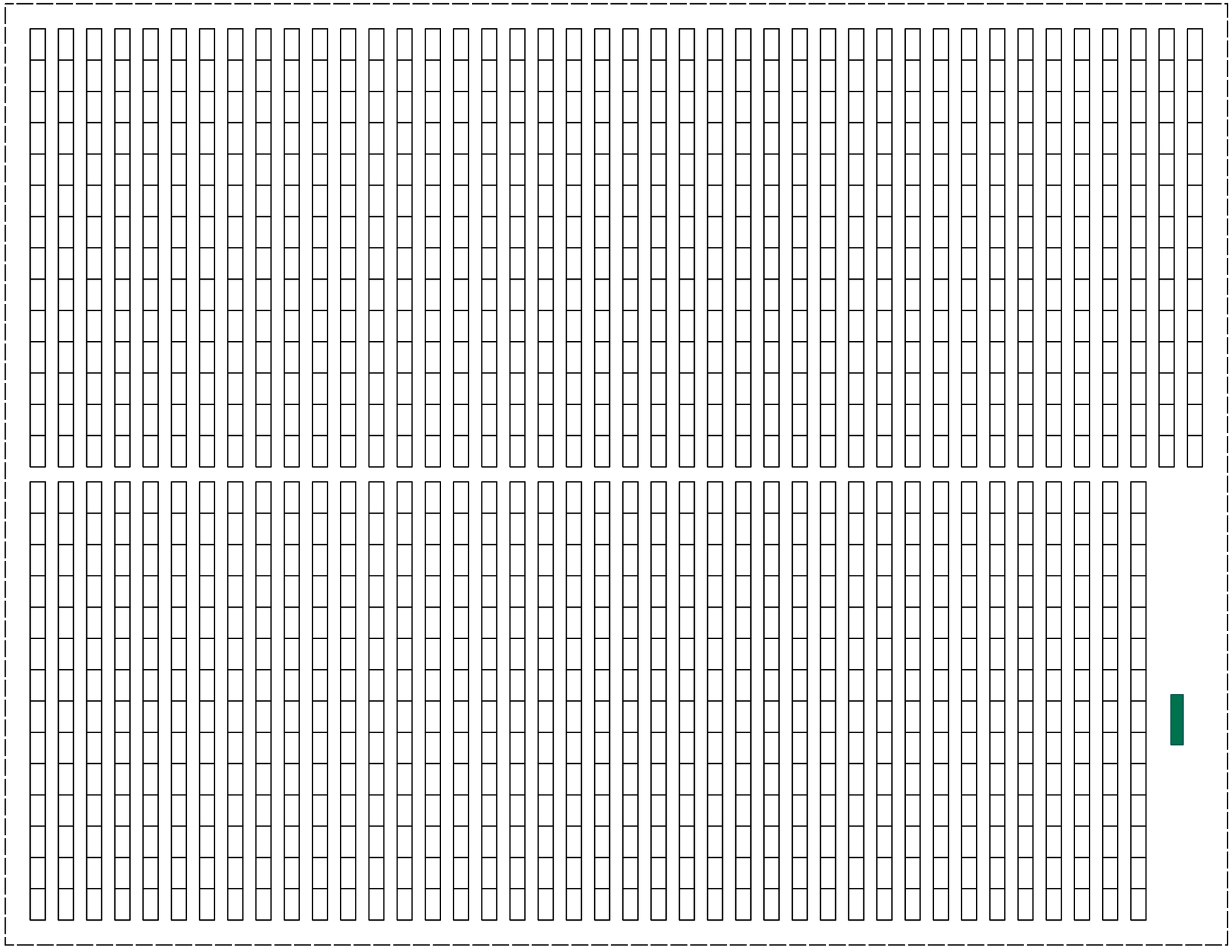
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Figure V2.05

Typical 2MW DC Array

Legend

- Solar PV Table
- Solar Inverter

Notes:
ARRAY INDICATIVE ONLY. SUBJECT TO REQUIREMENTS OF EPC CONTRACTOR.

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Coordinate System | **Size** A3

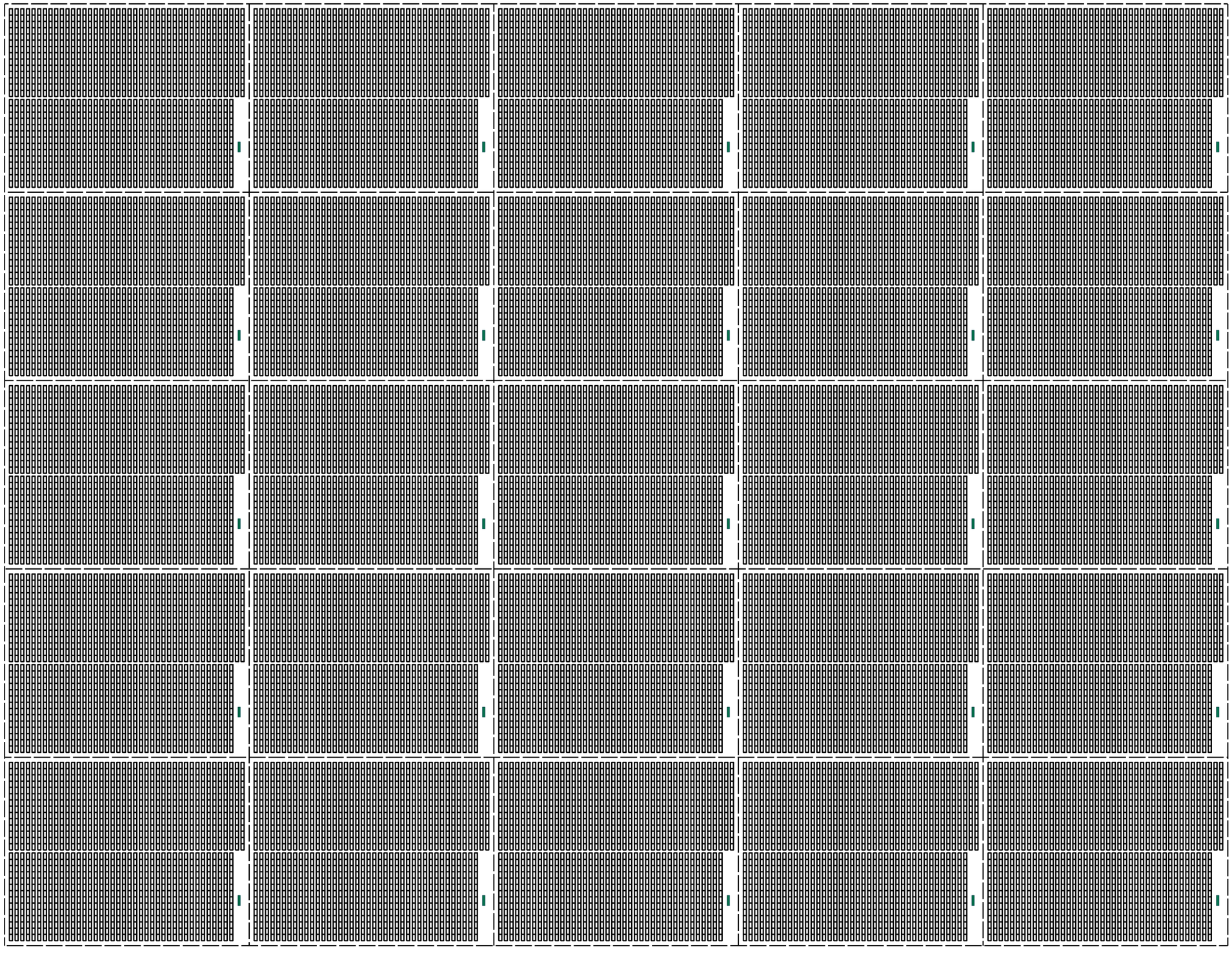
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Figure V2.06

Typical PV Field

Legend

- Solar Array
- Solar PV Table
- Solar Inverter

Notes:
FIELD INDICATIVE ONLY. SUBJECT TO REQUIREMENTS OF EPC CONTRACTOR.

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V1	15/12/2017	AM	LM	DB

Coordinate System | **Size** A3

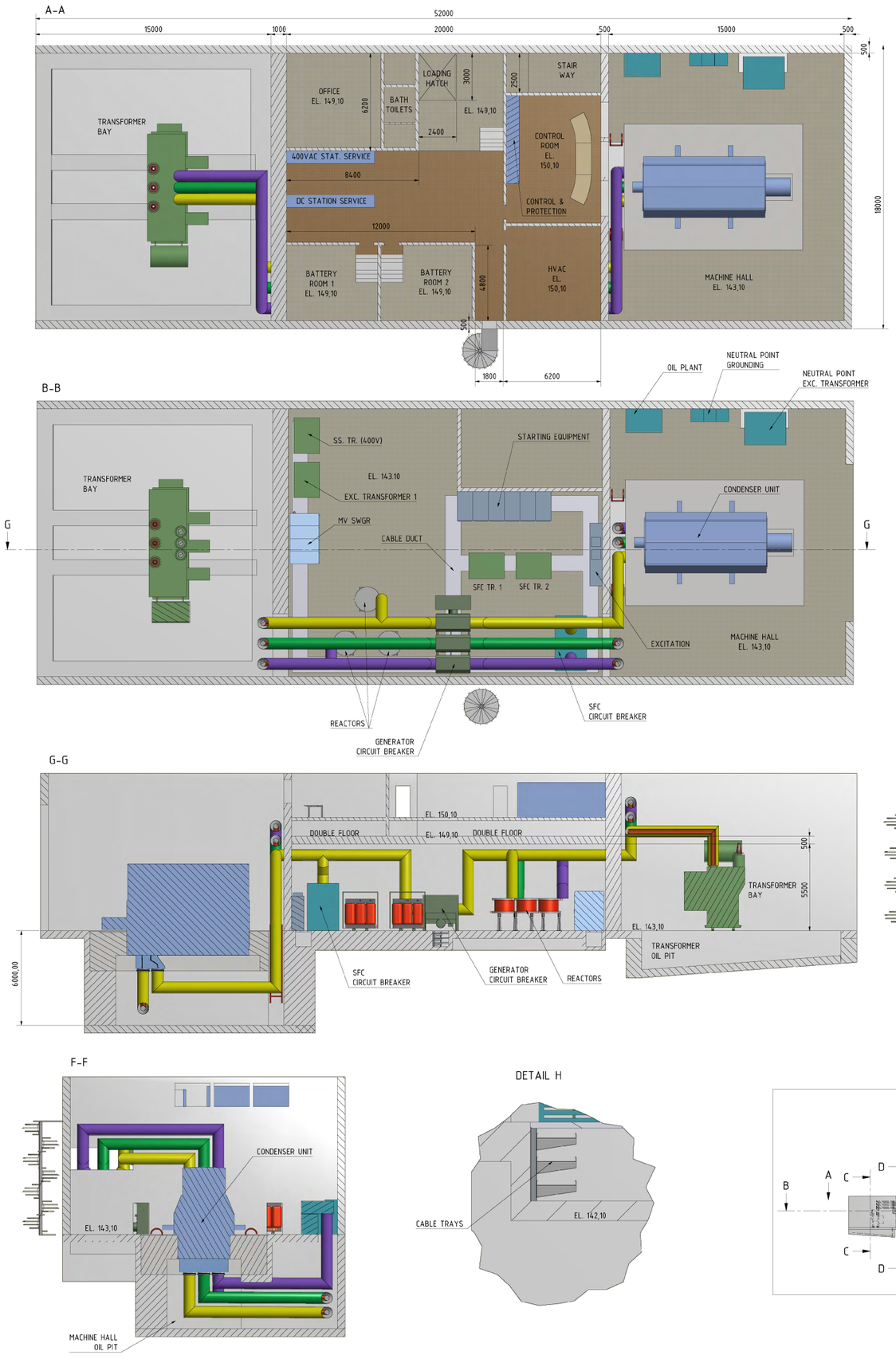
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Figure V2.07

Typical Turbo Synchronous Condenser Layout

Notes:

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2. IMAGE COURTESY OF ANDRITZ HYDRO. FOR ILLUSTRATION ONLY.

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V1	15/12/2017	AM	LM	DB

Coordinate System | **Size** A3

Scale Printed @ A3

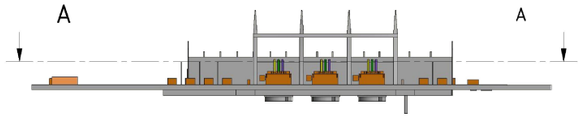
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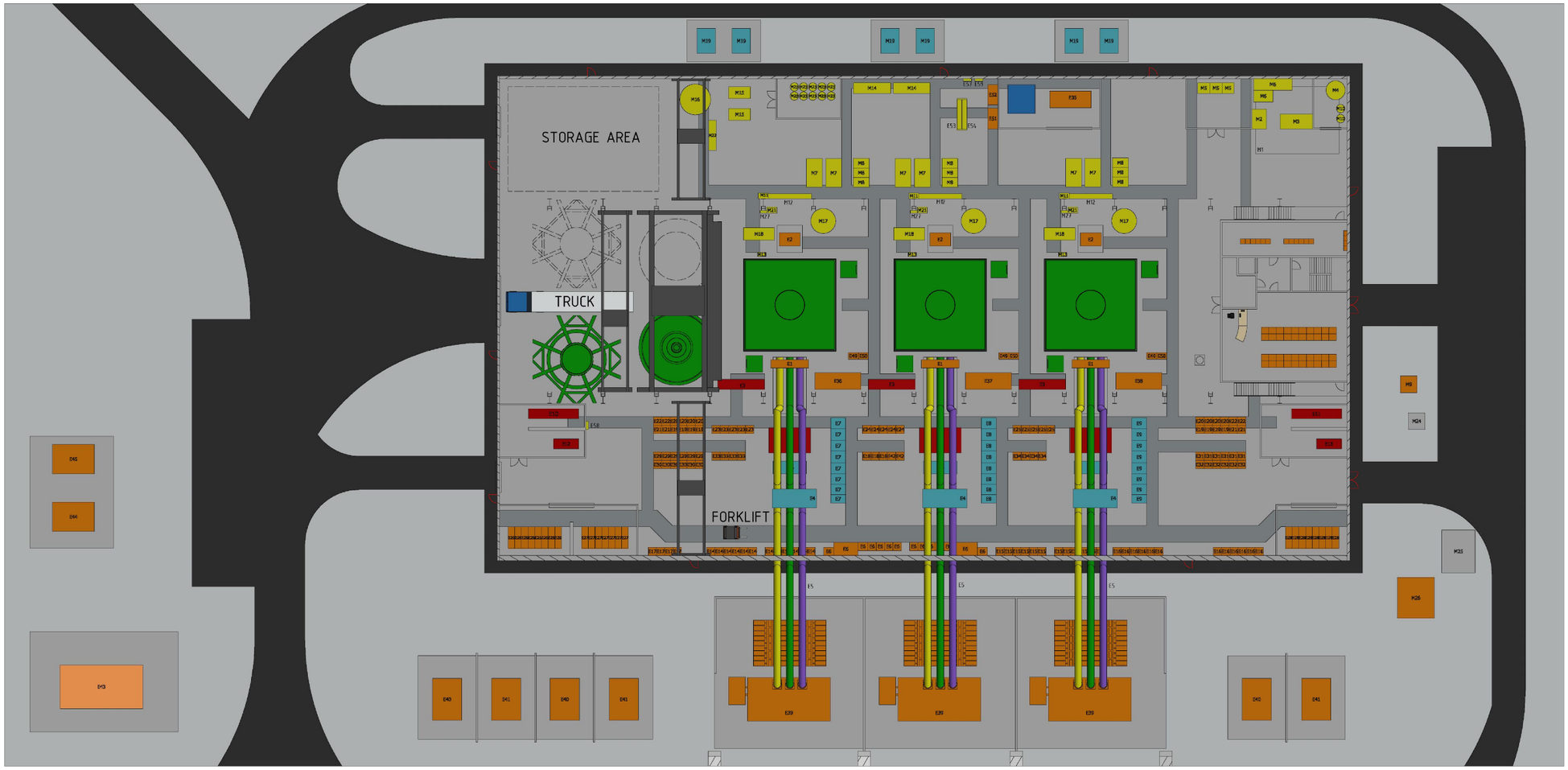
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A-A





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Figure V2.08

Typical Hydro Synchronous Condenser Layout

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V1	15/12/2017	AM	LM	DB

Coordinate System	Size
	A3

Scale Printed @ A3

Filename:

Fig_V2_08

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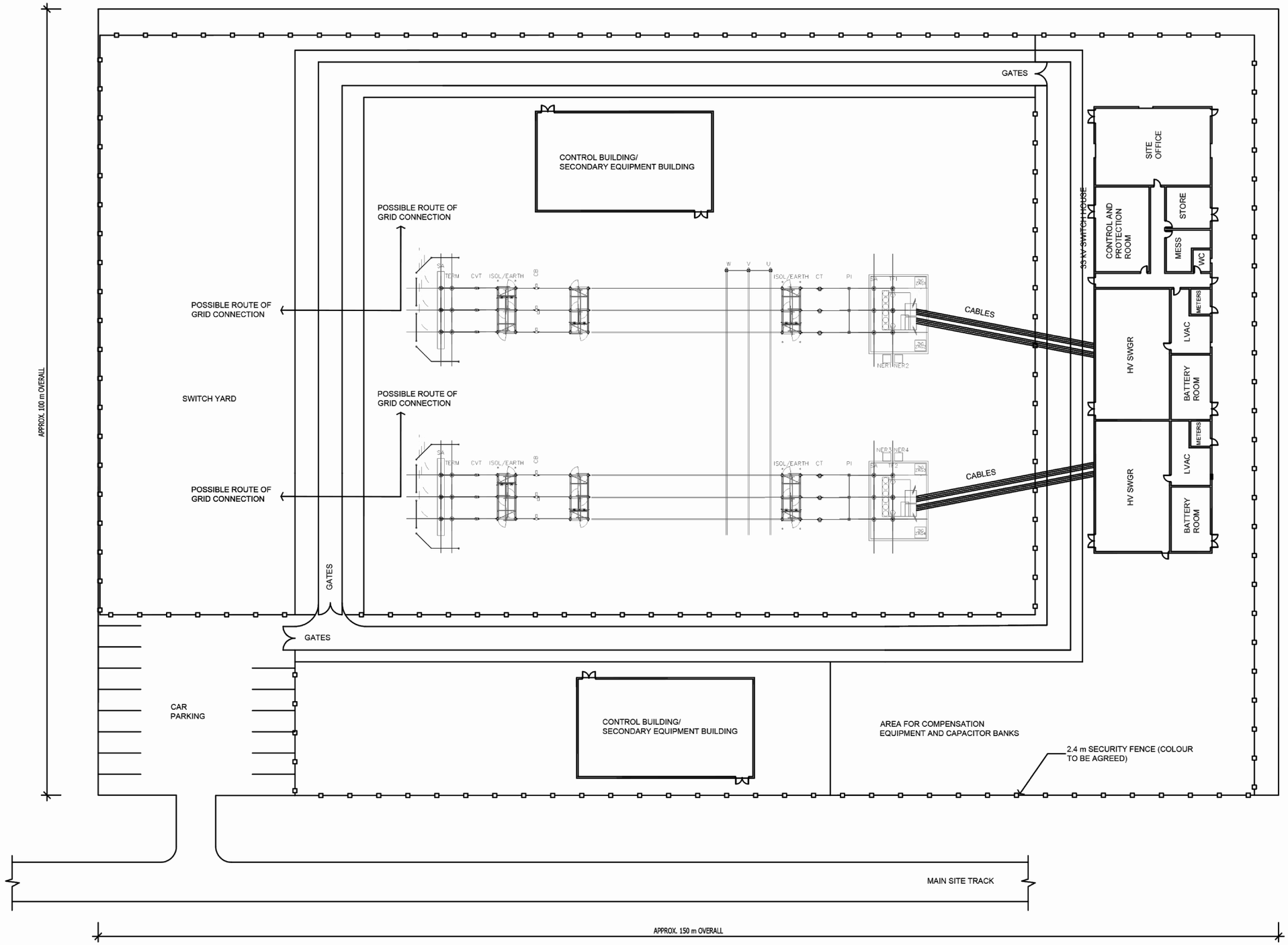
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Figure V2.09

MainSubstation, Control Room and Permanent Site Office



Notes:

1. THIS DRAWING IS FOR DEVELOPMENT PURPOSES ONLY, AND NOT FOR CONSTRUCTION.
2. DIMENSIONS NOT TO BE SCALED.
3. LAYOUT, ROOM DESCRIPTIONS, POSITIONS OF DOORS AND GATES ARE INDICATIVE ONLY AND SUBJECT TO CHANGE.
4. ACTUAL COMPOUND SIZE WILL BE BASED ON THE ELECTRICAL EQUIPMENT REQUIRED.

Ver	Date	Drawn by	Checked	Approved
V1	15/12/2017	AM	JT	DB

Coordinate System	Size
	A3

Scale 1:500 Printed @ A3

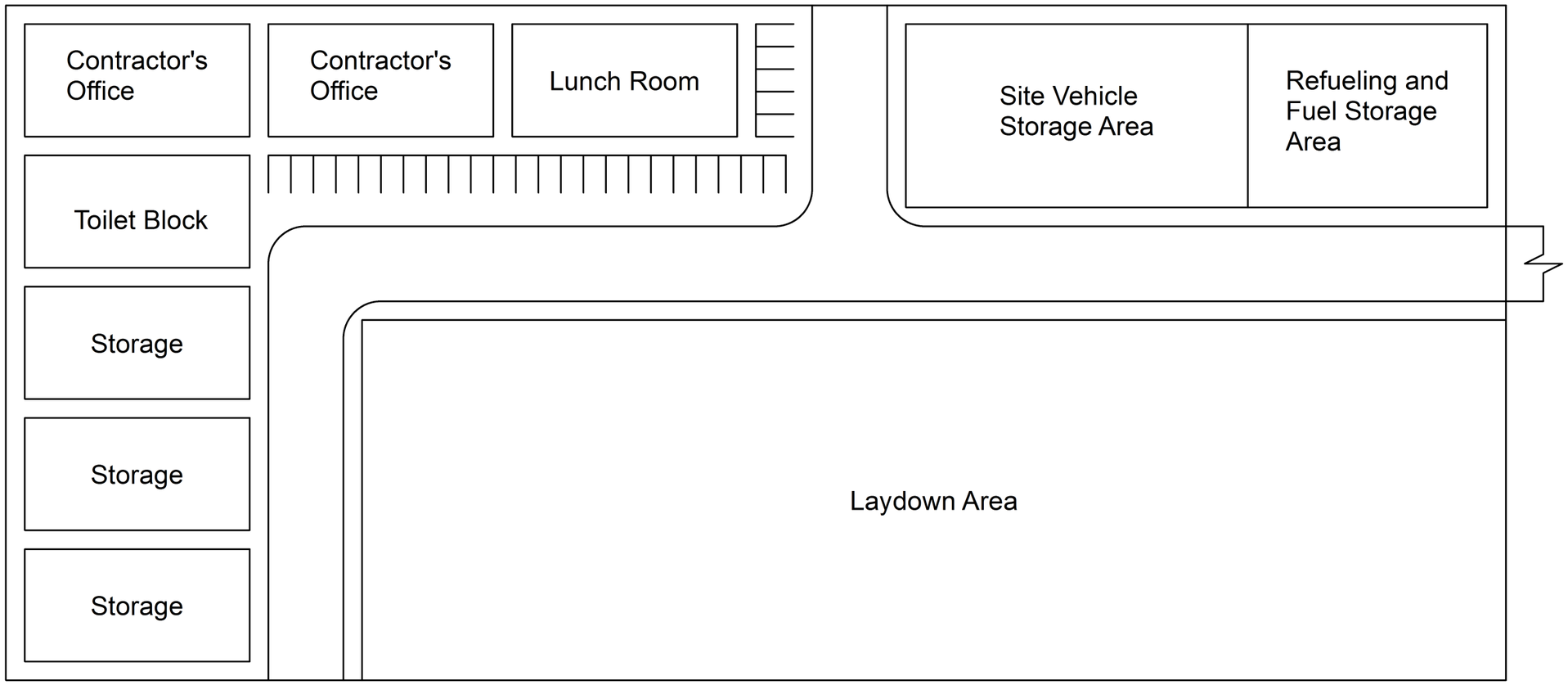
Filename:

Fig_V2_09

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Figure V2.10

Typical Temporary Construction Compound Layout

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V1	15/12/2017	AM	LM	DB

Coordinate System | **Size** A3

Scale Printed @ A3

Filename:
Fig_V2_10

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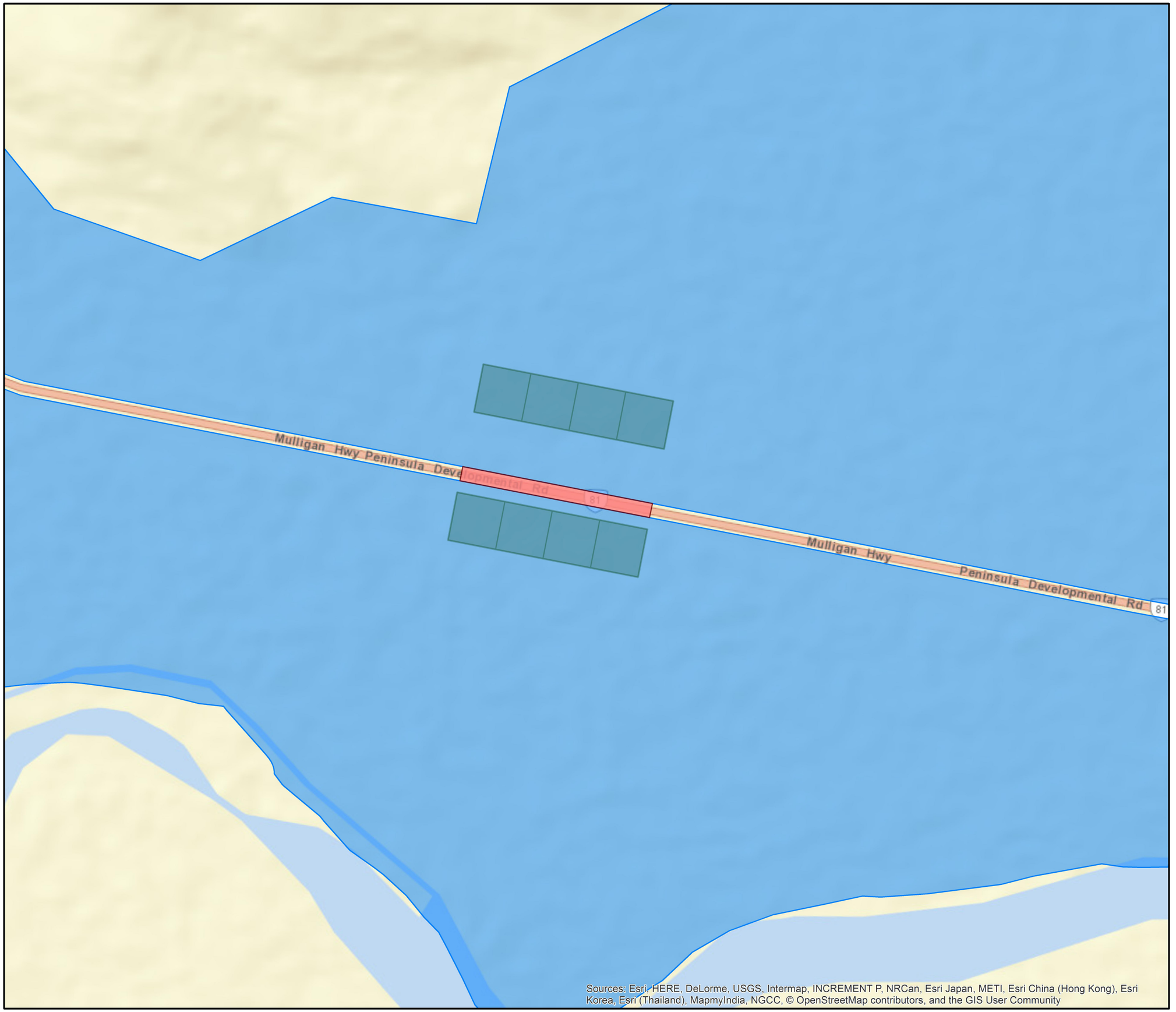
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Figure V2.11

Site Access



Legend

- Project Site
- Site Access Envelope
- Electrical/Construction Envelopes

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V1	15/12/2017	AM	LM	DB

Coordinate System
UTM Zone 53 Southern Hemisphere

Size
A3

Scale 1:15,000 Printed @ A3

Filename:
Fig_V2_11

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