

**ADVERTISED
PLAN**

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GENERAL NOTES:

1. PARCEL BOUNDARY IS BASED ON VICPLAN.
2. THIS LAYOUT IS A PRELIMINARY DESIGN.
3. TRACKER DIMENSION IS APPROXIMATE ONLY. ACTUAL DIMENSION SHALL BE CONFIRMED WITH TRACKING SUPPLIER.
4. STRING CONFIGURATION IS ASSUMED TO BE 30 MODULES PER STRING. THIS IS SUBJECT TO ELECTRICAL SPECIFICATION OF THE SELECTED PV MODULE AND SHALL BE CONFIRMED DURING DETAILED DESIGN

PROJECT SPECIFICATIONS

AC CAPACITY AT POINT OF CONNECTION	4.95	MW ac
INSTALLED AC CAPACITY	4.95	MW ac
DC CAPACITY AT STC	7.00	MW dc
DC:AC RATIO	1.41	
BATTERY STORAGE	4/8	MW/M Wh
TRACKER CONFIGURATION	1P	
2-STRING TRACKER DIMENSIONS (60-MODULE)	83.2 x 2.385	m
1-STRING TRACKER DIMENSIONS (30 MODULE)	42 x 2.385	m
TRACKER PITCH	5.5-7	m
TRACKER AZIMUTH	0	-
INVERTER CAPACITY	4.95	MVA
MODULE TYPE	Mono PERC Bi-Facial	
MODULE POWER	650	W
MODULES PER STRING	30	
MODULES PER TRACKER	30 / 60	
TOTAL PCU WITH 2 INVERTER	1	
TOTAL INVERTERS	2	
TOTAL TRACKERS (60 MODULE)	175	
TOTAL TRACKERS (30 MODULE)	9	
TOTAL MODULES	10,770	
SITE AREA	10.7	Ha
SITE PERIMETER	1,466	m

LEGEND:

- GATE
- ACCESS ROAD
- SWITCH ROOM
- INVERTER AND BATTERY CONTAINER
- POINT OF CONNECTION
- PROPOSED FENCE
- OH POWERLINE
- PARCEL BOUNDARY
- 2-STRING TRACKERS
- 1-STRING TRACKERS
- 3m WIDE LANDSCAPING
- ABORIGINAL CULTURAL HERITAGE
- POWER POLE

D	UPDATE PER COMMENTS	PC	15/07/21
C	ADJUSTED GAS EASEMENT	PC	15/07/21
B	PRELIMINARY DESIGN	PC	12/07/21
REV:	DESCRIPTION:	BY:	DATE:

STATUS: **CONCEPT DESIGN**
NOT FOR CONSTRUCTION

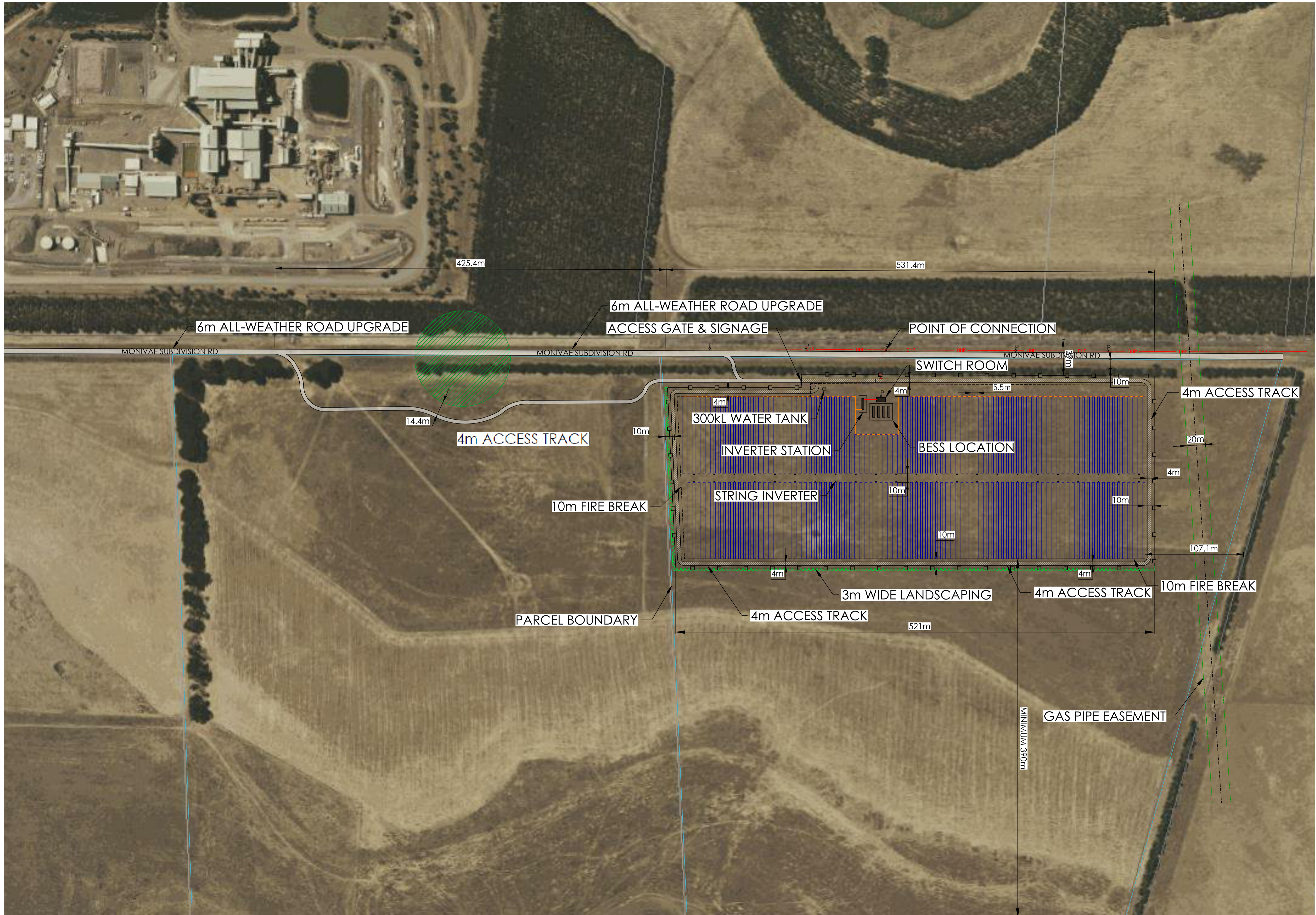
CLIENT: **TETRIS ENERGY**

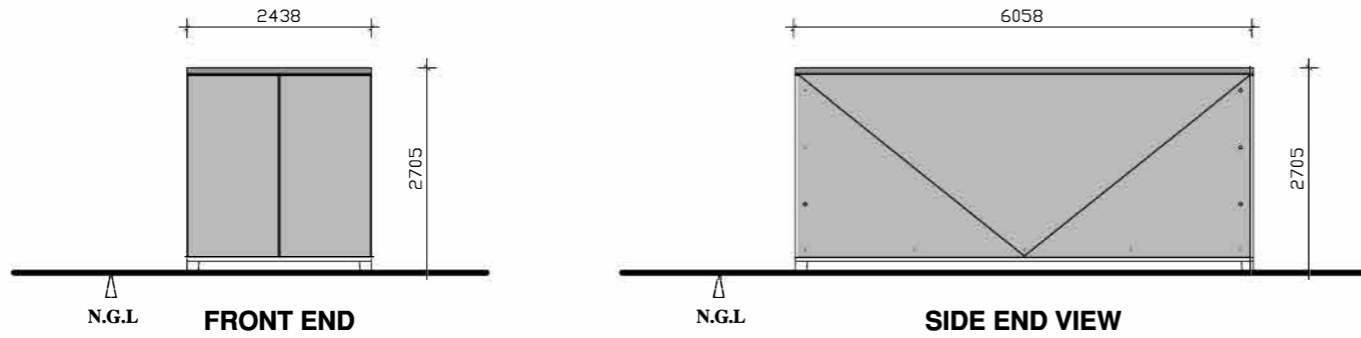
DESIGNER: **PCC ENGINEERING**

SITE: **HAMILTON SOLAR PROJECT**

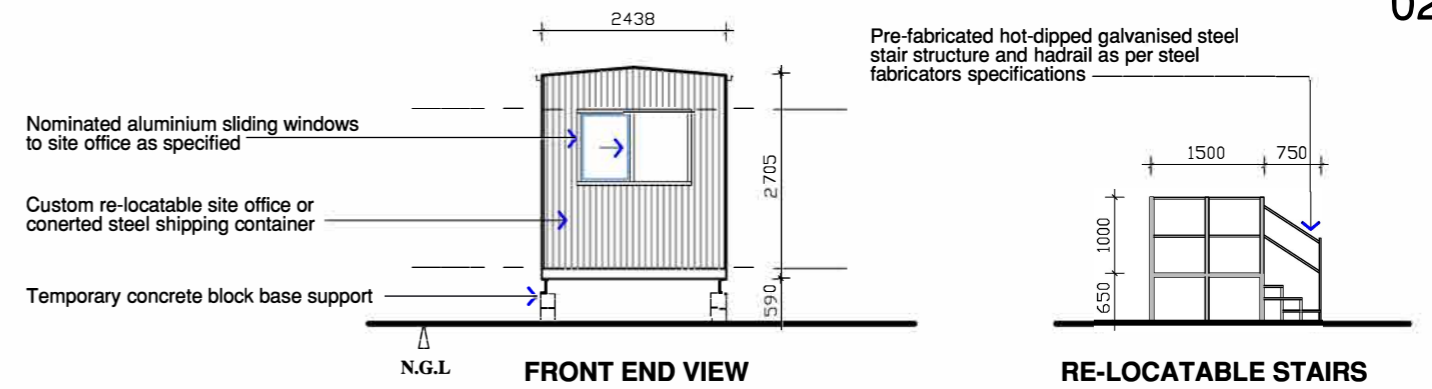
TITLE: **OVERALL SITE LAYOUT**

SCALE AT A1: 1:2000(m)	DATE: 15/07/21	DRAWN: PC	AUTHORISED: PC
PROJECT NO: P21-0007	DRAWING NO: P20-0007-01	REVISION:	F





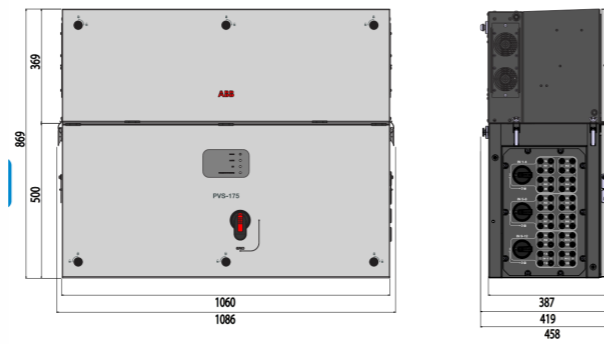
Typical Inverter 1:100



Typical Site Office 1:100

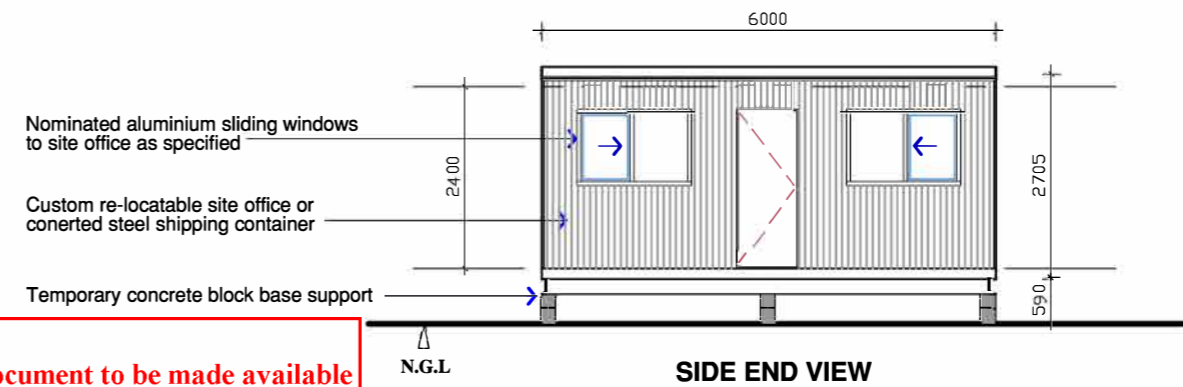


Power Conditioning unit /Inverter



String Inverter

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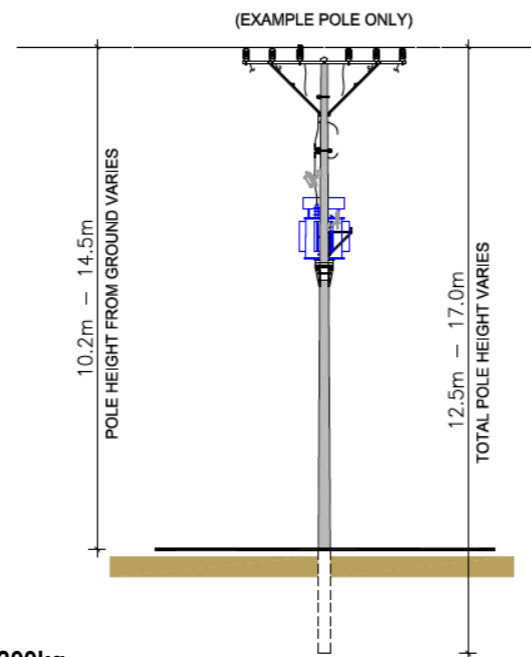


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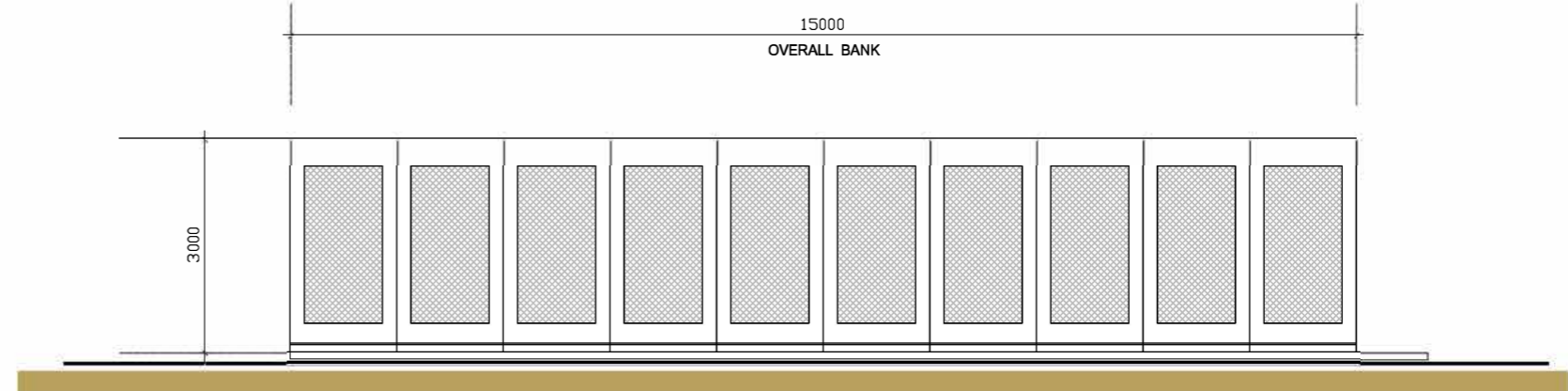


Typical Battery storage unit

Battery modules within each Megapack unit weigh 19,200kg



TYPICAL ARC POLE ELEVATION (NOT - TO - SCALE)



Typical Battery Storage Bank 1:100

Client:	Tetris Energy Pty Ltd
Project:	Proposed Solar Array Project

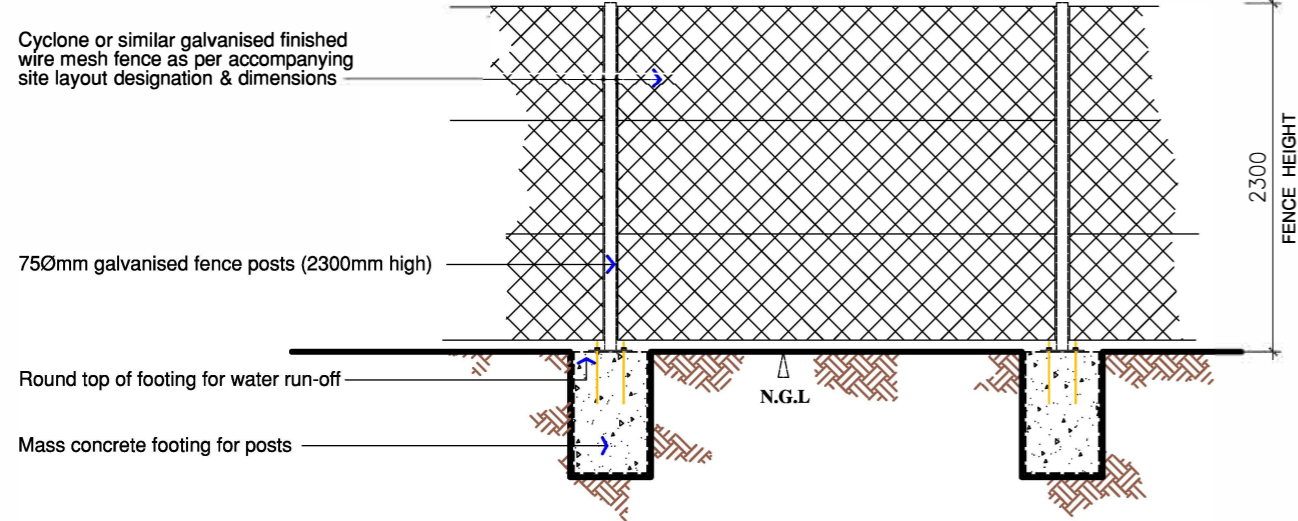
Project Address:	Monivae Subdivision Road, Hamiton
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M 0439 722 782 DP-AD 38695 Reg
dennis@arkgroupdesign.com.au

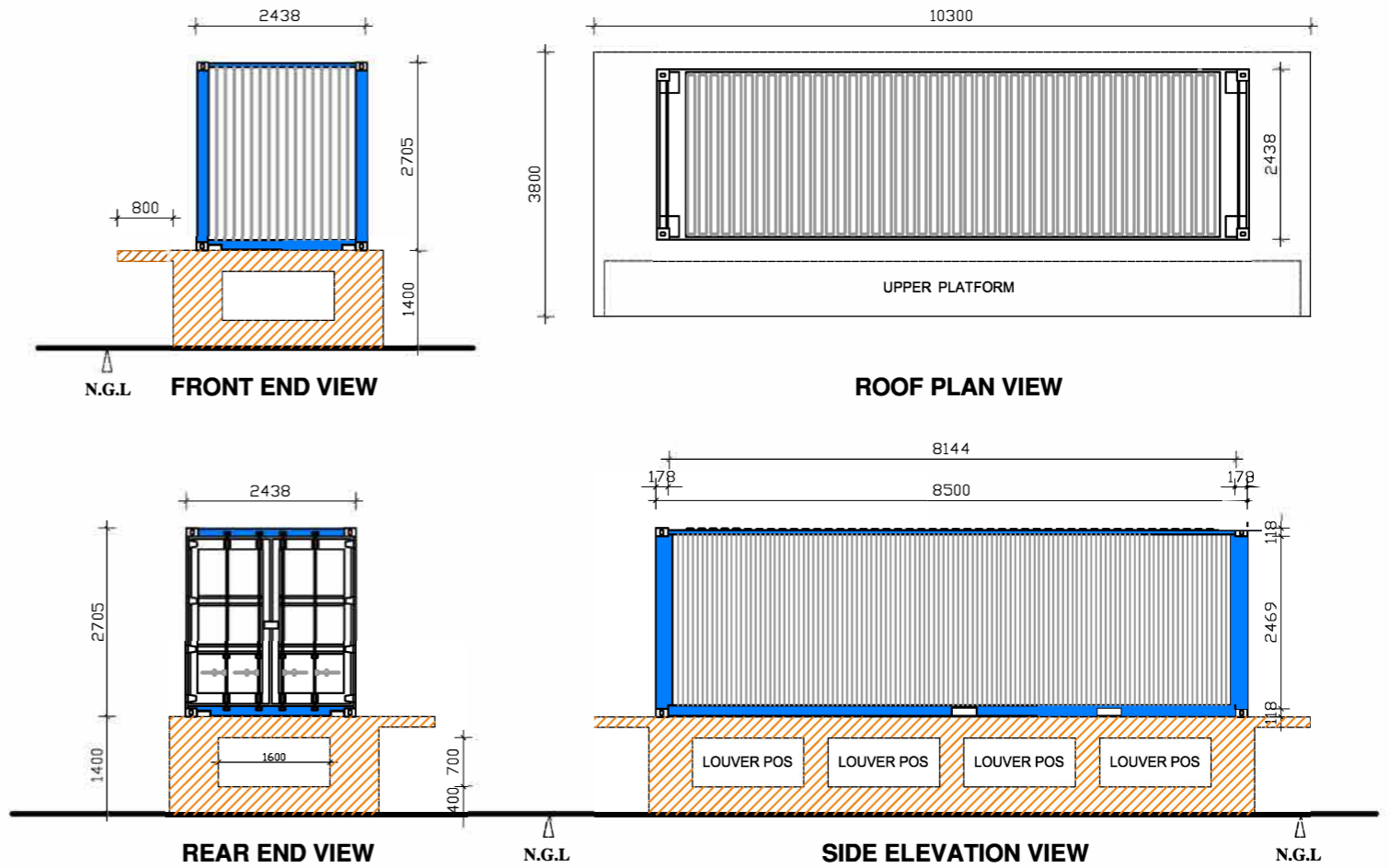


Revision:	
Scale	A3 1:50 1:100
Drawing Issue:	02 of 02
Date	04/11/2021
	A - 160321

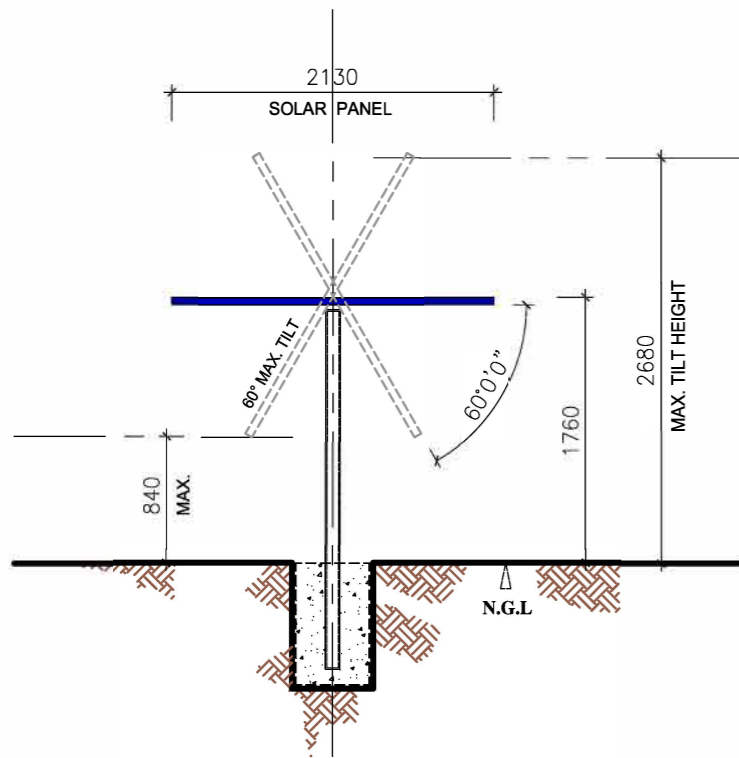
Planning Issue



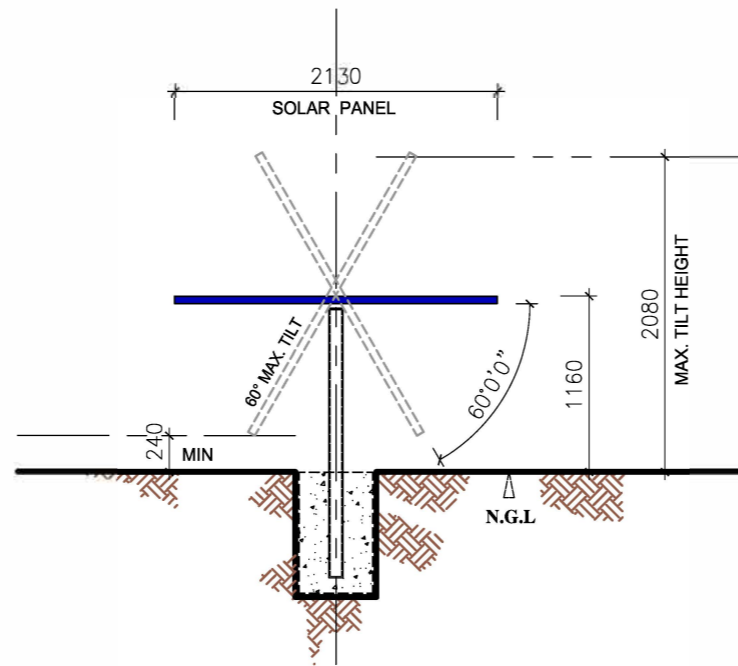
Proposed security fence section 1:50



SVC/SVG container 1:100



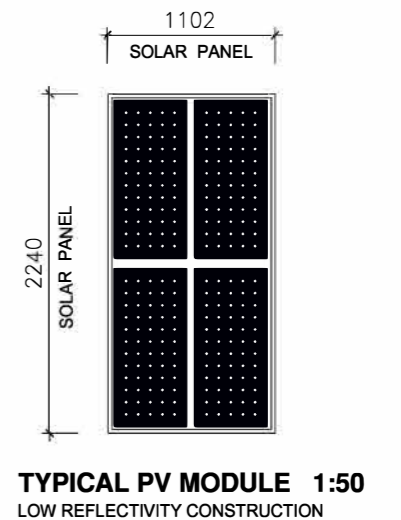
Typical tracker elevation 1:50



Typical tracker elevation 1:50

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**TYPICAL PV MODULE 1:50
LOW REFLECTIVITY CONSTRUCTION**

Client:
Tetris Energy Pty Ltd

Project:
Proposed Solar Array Project

Project Address:
Monivae Subdivision Road, Hamilton

M 0439 722 782 DP-AD 38695 Reg
dennis@arkgroupdesign.com.au



Revision:			
Scale:	A3	1:50 1:100	Date 04/11/2021
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Hamilton Solar and Storage – Site signage dimensions

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1.5m

1m

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1m

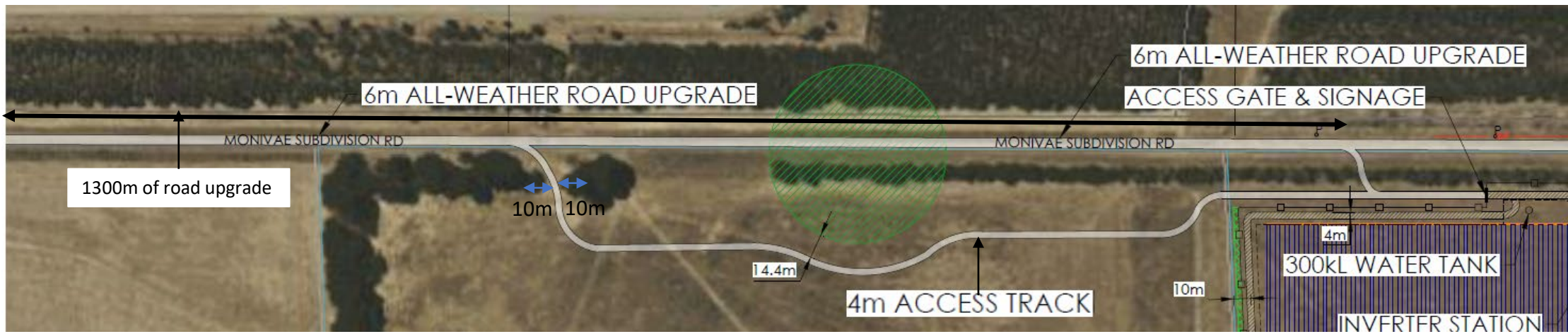
1.5m

Hamilton Solar and Storage – Site signage details

Dimensions	1m x 1.5m (maximum)
Text	Safety details, emergency contact, and logo.
Colours	Matt white background with black text. Safety symbols will be either red or yellow depending on hazard. Logo will be green and grey.
Materials	Either corflute or thin aluminium
Illumination	None
Supporting structures	Cable ties to fence

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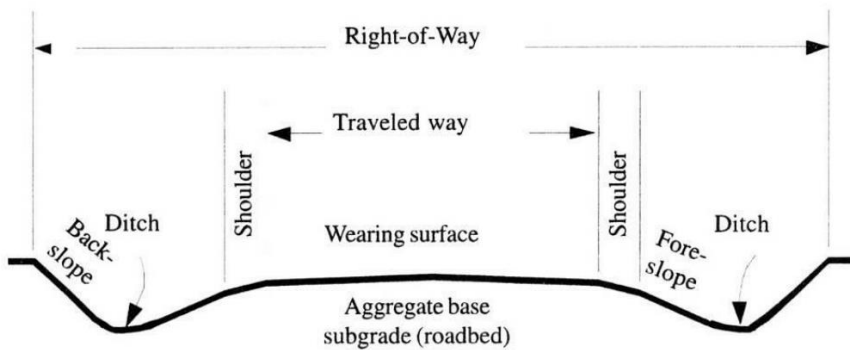


Example site access point



Existing road base

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Cross section of proposed road upgrade



Proposed road base

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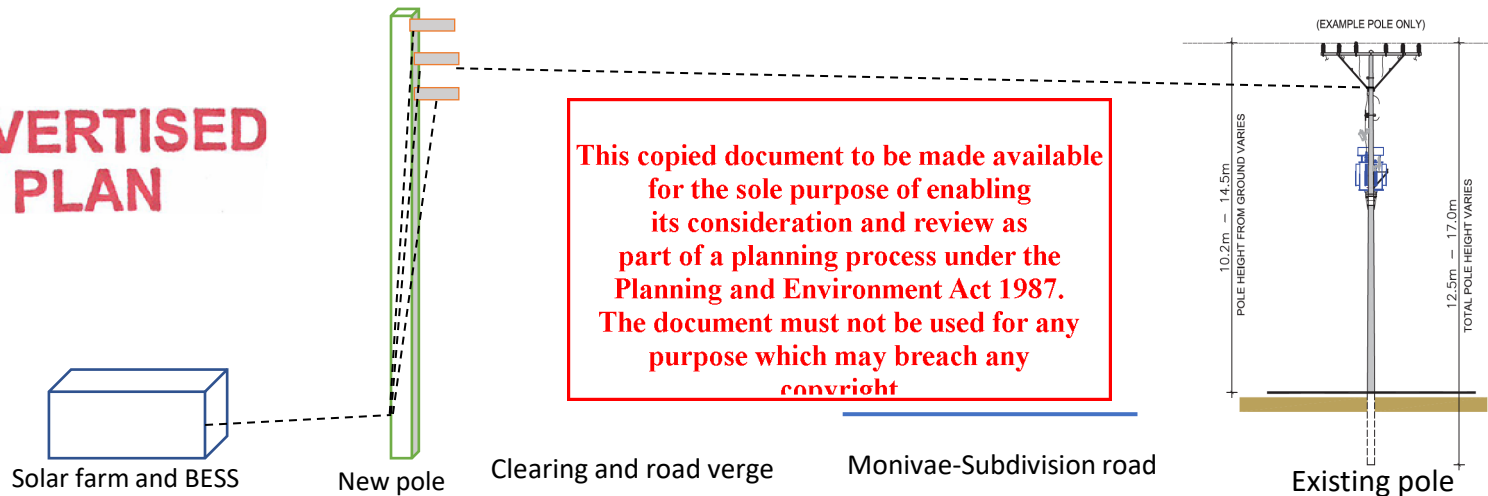
Project	Hamilton Solar
Revision	2
Date	24 Nov 2021
Drawing No.	HSF_02





~50m

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Project	Hamilton Solar
Revision	1
Date	04 Nov 2021
Drawing No.	HSF_01

