



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	3.675	MW ac
INSTALLED AC CAPACITY	3.675	MW ac
DC CAPACITY AT STC	4.91	MW dc
DC:AC RATIO	1.34	
BATTERY STORAGE	1.9/3.8	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	6	m
TRACKER AZIMUTH	0	-
INVERTER CAPACITY	3.675 (5.075)	MVA
MODULE TYPE	Mono PERC Bi-Facial	
MODULE POWER	650	W
MODULES PER STRING	30	
MODULES PER TRACKER	30 / 60	
STEP UP TRANSFORMER	1	
TOTAL INVERTERS	21 (29)	
TOTAL TRACKERS (60 MODULE)	126	
TOTAL TRACKERS (30 MODULE)	-	
TOTAL MODULES	7,560	
SITE AREA	11.1	Ha
SITE PERIMETER	1.144	m

LEGEND:

- GATE
- ACCESS ROAD
- SWITCH ROOM
- TRANSFORMER
- 1.3MW BESS (TESLA MEGAPACK)
- POINT OF CONNECTION
- PROPOSED FENCE
- OH POWERLINE
- PARCEL BOUNDARY
- 2-STRING TRACKERS

F	PRELIMINARY DESIGN	PC	10/04/22
E	PRELIMINARY DESIGN	PC	07/03/22
D	PRELIMINARY DESIGN	PC	27/01/22
C	PRELIMINARY DESIGN	PC	07/12/21
REV:	DESCRIPTION:	BY:	DATE:

STATUS: **CONCEPT DESIGN**
NOT FOR CONSTRUCTION

CLIENT: **TETRIS ENERGY**

DESIGNER:

SITE: **CHARLTON SOLAR FARM**

TITLE: **OVERALL SITE LAYOUT**

SCALE AT A1: 1:2000(m)	DATE: 10/04/22	DRAWN: PC	AUTHORISED: PC
PROJECT NO: P21-0012	DRAWING NO: P20-0012-01	REVISION:	F



POINT OF CONNECTION

PARCEL BOUNDARY

CALDER HIGHWAY

CALDER HIGHWAY

BRIDLESTONE ROAD

LOT 2 PS403054

PROPOSED SOLAR FARM EXTENTS

300KL WATER TANK

BESS 2 x 1.9MW/3.8MWh

29 x 175 FIMER STRING INVERTER

SWITCH ROOM TRANSFORMER

SITE AMENITIES

LAYDOWN AREA AND UNLOADING

ACCESS GATE & SIGNAGE

OPTIONAL CFA ACCESS

10m FIRE BREAK

OPTIONAL: 6.78MW/4.95MVA (TOTAL)

157.7m

151.7m

191.8

19.8m

30m

20m

30m

10m

10m

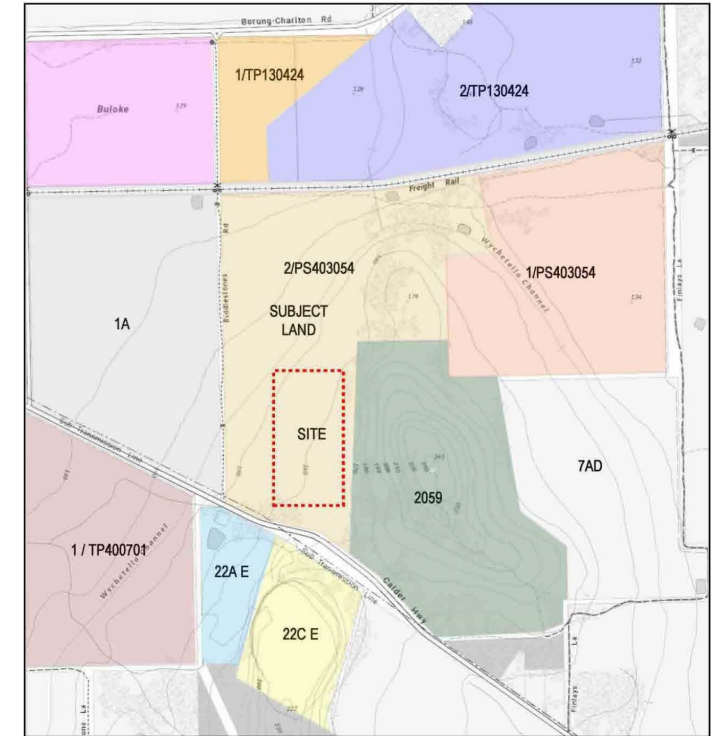
30m

30m

396m

310.6m

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Site Context Plan	
Project	Charlton Solar
Revision	1.0
Date	28 March 2022
Drawing No.	CSF_01

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