















Legend:

	Legal Boundary
	Site Fence & Security Cameras
	Main Site Access Track
	Solar Panel Arrays
	Inverter Stations
	Ephemeral Stream - No Build Area
	Existing Vegetation to be Maintained
	Residential Setback
	Primary Site Access Point
	Secondary Site Access Point
	Existing Transpower Lines - No Build
	Designation CHBDC-72 (Ruataniwha Water Storage Schem Distribution System)
	Site Substation
	Battery Energy Storage System

Project Details:

LATITUDE	-39.9300
LONGITUDE	176.4300
INTERCONNECTION VOLTAGE	110 kV
LEASED AREA	239.6 Ha
FENCED AREA	228.2 Ha
ARRAY AREA	216.5 Ha
FENCE LENGTH	9,580 m
DC CAPACITY	123.4 MWp
AC CAPACITY	109.2 MVA
CONNECTION CAPACITY	100 MW
DC:AC RATIO	1.13
TRACKER ROWS	(1,450°104), (446°78), (291°52)
GCR	35
MODULE CAPACITY	615 W
MODULE QUANTITY	200,720
STRING SIZE	26
INVERTER CAPACITY	4.20 MVA (@40C)
PV INVERTER QUANTITY	26
BATTERY POWER CAPACITY	58.8 MW
BATTERY ENERGY CAPACITY	96.32 MWh
BATTERY QUANTITY	28

Project Name:
Ongaonga

Drawing Name:
Planning Layout

Revisions:

A	Date	Created by	Reviewed by	Description & Notes
	20/06/2021	JM	DR	Initial Release
	28/11/2023	JM	DR	Preliminary Layout Post Community Consultation

Scale:
1:300

Date: 28/11/2023

Revision Number:
A

