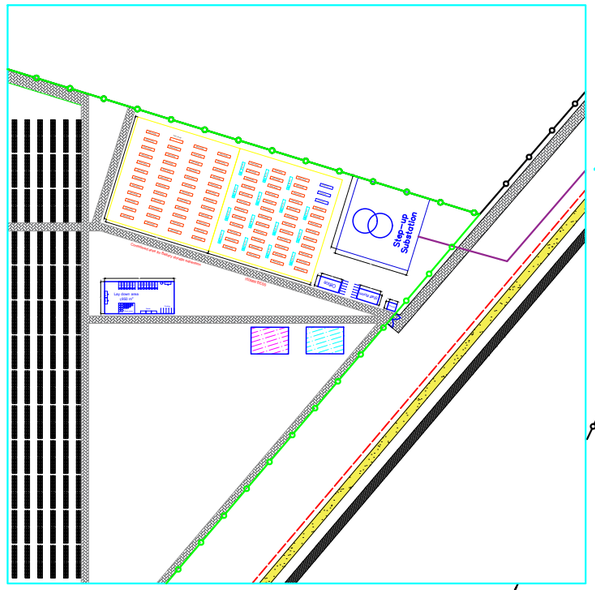


Foot Print			
Site	289 ha	Office Room	200 m2
EIA	300 ha	Staff Room	200 m2
Lay down area	1950 m2	Security Room	56 m2
BESS area	20000 m2	Substation	4900 m2

Tirisano Solar Power Plant (RF) (Pty) Ltd

Existing Access Road (Alternative)

MN11632/OG213

Existing Access Road

MN11632/OG213

MN11630/OG211

Ruby Vale Switching Station

Proposed 132KV Connection Line

Proposed Site Access

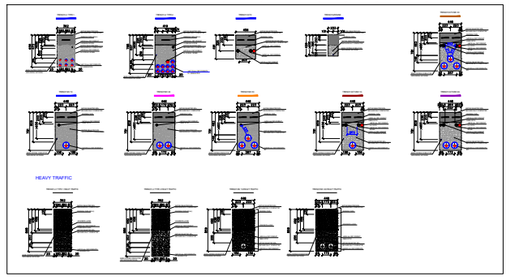
Transnet Service Road

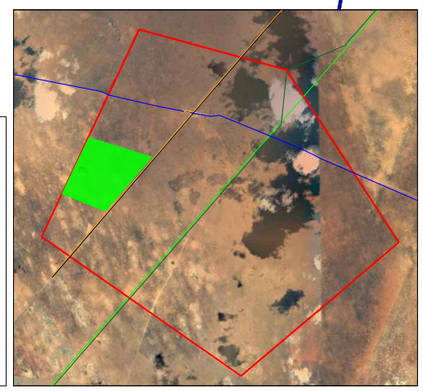
Transnet Railway

Borrow pit 2

Existing Barrier/Fences

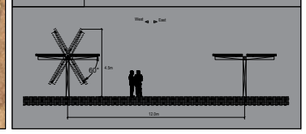
TRENCH DETAILS (Illustrative Purpose)
Note: The trench details are for illustrative purpose only. Actual parameters may change during detailed engineering.





Legends

	150MW BESS
	Borrow Pit
	Excess Material
	Sub Soil
	Top Soil
	Lay down area
	Coordination of point: 28° 12.858'S , 22° 32.573'E
	PV plant land Border, 289 Hectares
	EIA land Border, 300 Hectares
	Existing Barrier / Fences
	2.8 MWac (2x1.4) Inverter & Transformer Station
	Rack 2V30
	Proposed Connection line Route
Site Access Road	Width: 10 - 12 m Total Length: 1 950 m
Perimeter Road	Width: 10 - 12 m Total Length: 6 910 m
Internal Roads	Width: 7 m Total Length: 14 465 m



E:\subsolar\sas_logo_wp_250px.png

Subsolar Company

Address :

Project :
Kgalalelo Solar Power Plant (RF)(Pty) Ltd
143.7 MWdc Photovoltaic Power Plant

DWG No:

Title :
Preliminary Layout of PVP

Project Name : Kgalalelo

Design : Technical Department of Subsolar Co.

Scale : 1:5000

Unit : Meter

DATE : 2020.09.30

Electrical Parameters

DC capacity of plant	143.7 MW
Number of modules	388 500 each 370 Wp
Number of Inverters	44 each 2.8 MWac