



Legends

	PV area, 500 Hectares
	EIA footprint, 4265 Hectares
	Existing Power Lines
	MV Substation (5000 kVA)
	Rack 2V28
	Proposed Connection Line Route
	Site Access Road Width: 10 - 12 m Total Length: ... km
	Perimeter Road Width: 8 m Total Length: ... km
	Internal Roads Width: 6 m Total Length: ... km

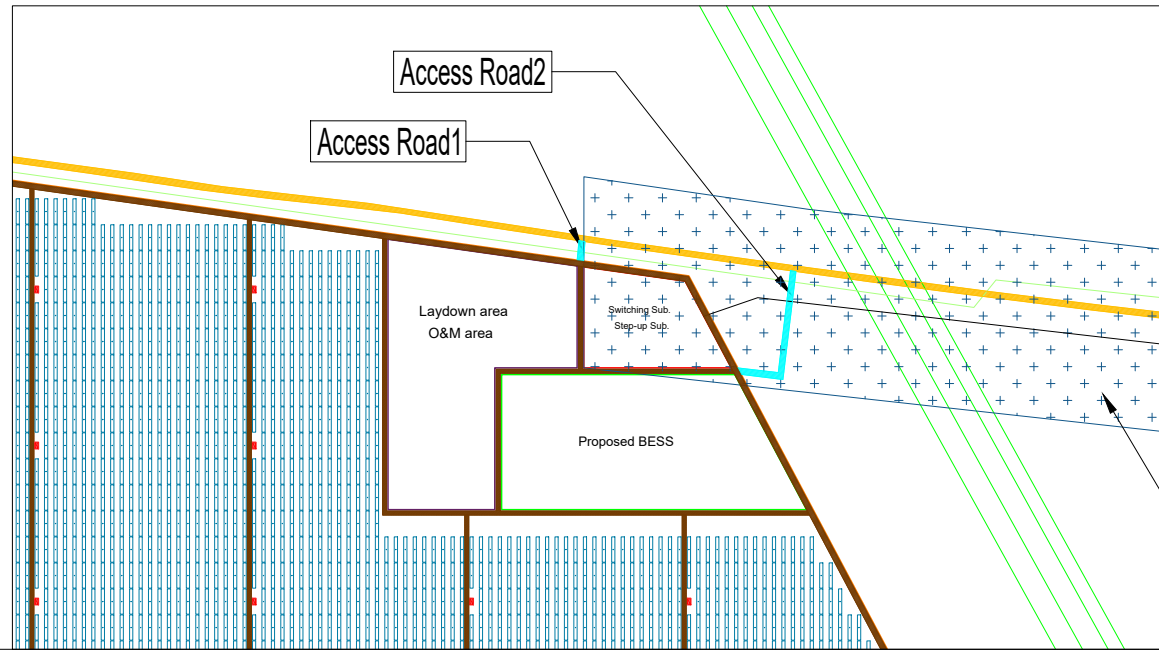
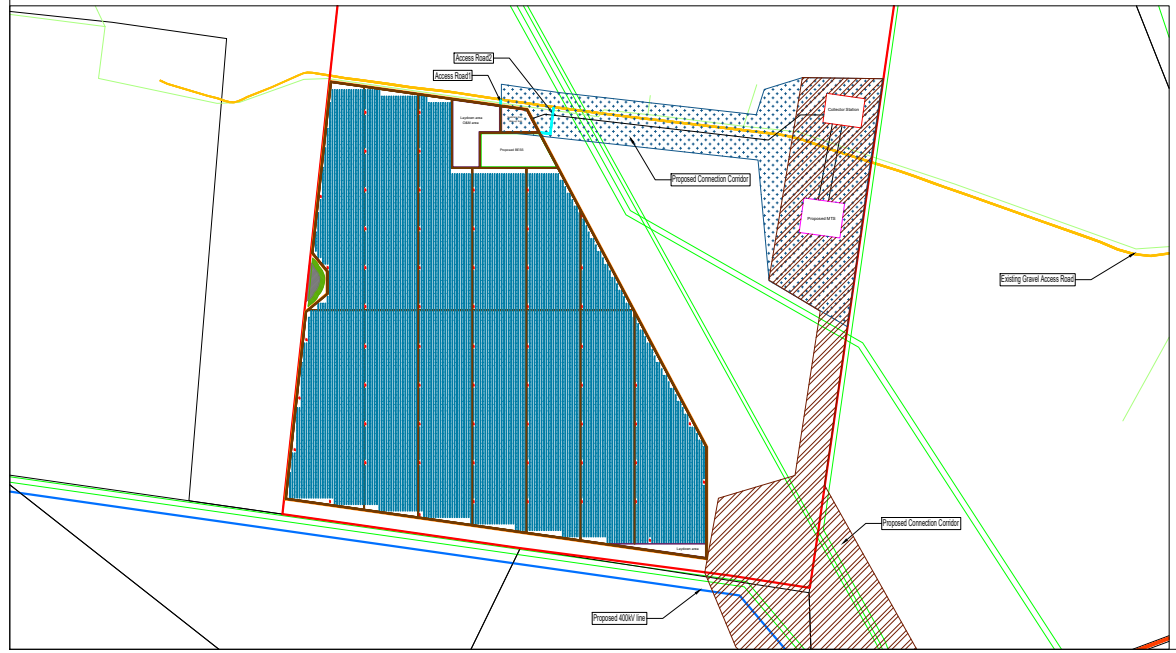
The trench detail diagram shows a cross-section of a trench with a width of 14m and a depth of 2.0m. It includes a person silhouette for scale and labels for 'West' and 'East' directions.

Electrical Parameters

DC Capacity of Plant	313 MWdc
No. of Modules	471016 (665 Wp and Bifacial)
No. of MV Substations	60 each 5 MVA

Footprints

PV area	500 ha	BESS area	80000 m2
EIA footprint	4265 ha	BESS Sub.	
Auxiliary Complex	19.5 ha	Switching Sub.	25000 m2
		Step-up Sub.	



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

The trench details section contains a grid of 12 diagrams showing various trench cross-sections and layouts for different types of infrastructure, such as power lines and roads.

DRAWING TITLE PV Plant Layout	DRAWING NUMBER ---	REVISED DRAWING NAME PV Plant Layout
PROJECT NAME & ADDRESS Tuli South Africa	APPROVAL STAMP	SCALE ---
DATE 03-08-2023	STATUS PRELIMINARY	SHEET 1/1

Technical Department of Subsolar Co.
 (Layout design is done by PKCSE software)