

Legends

	PV area, 521 Hectares
	Farm portion, 524 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

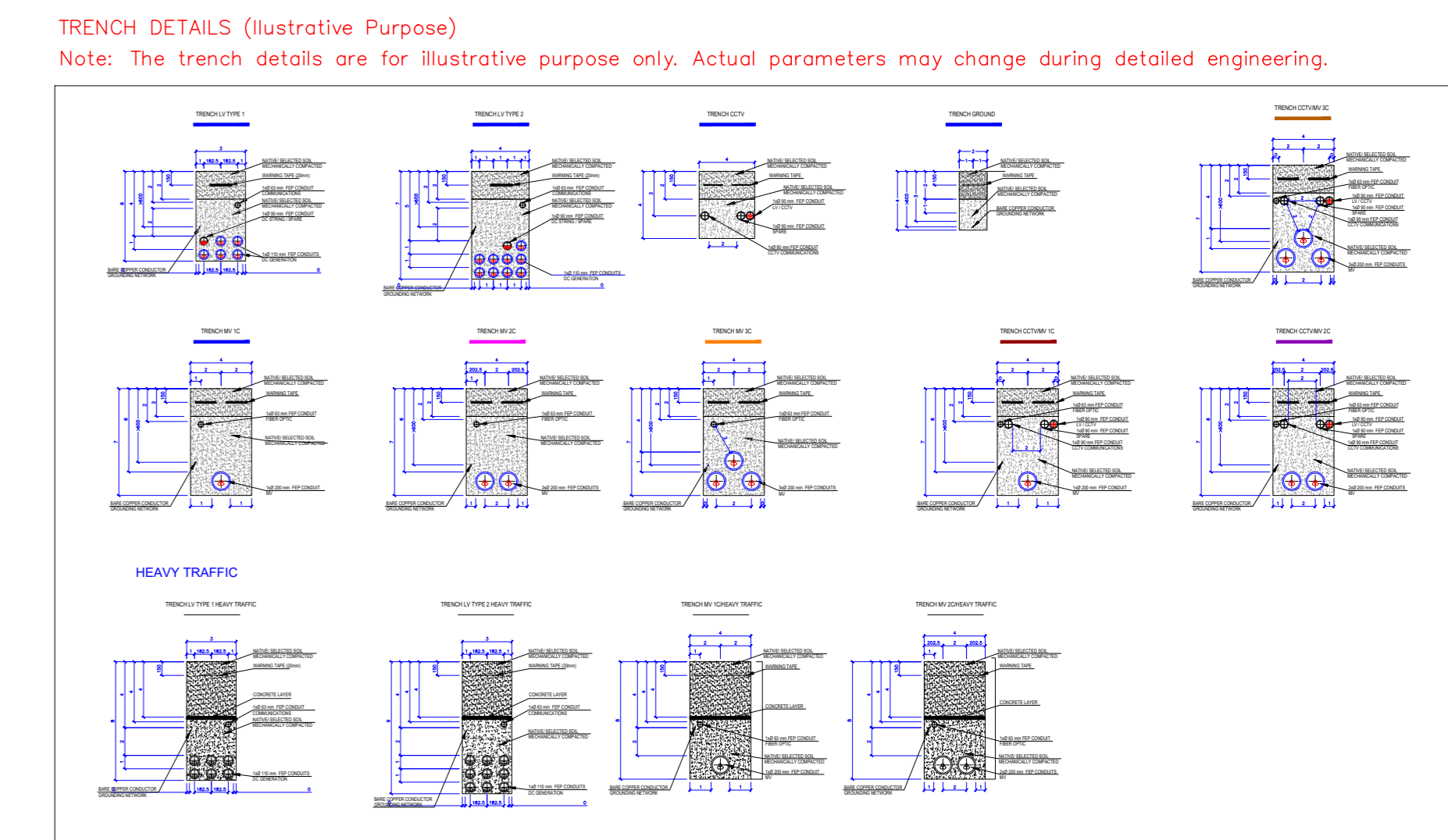
West ← East

Electrical Parameters

DC Capacity of Plant	387 MW
No. of Modules	581840 (665 Wp and Bifacial)
No. of MV Substations	79 each 5 MVA

Footprints

PV area	521 ha	BESS area	36500 m2
Farm portion	524 ha	BESS Sub.	4000 m2
Lay down area	24000 m2	Switching Sub.	9000 m2
O&M area	10000 m2	Step-up Sub.	6000 m2



DRAWING TITLE: PV Plant Layout	DWG NUMBER: ---	DWG DRAWING NAME: PV Plant Layout
	Inyathi South Africa	APPROVAL STAMP: SCALE: ---
Design: Technical Department of Subsolar Co. <small>(Layout design is done by PVCase software)</small>	STATUS: PRELIMINARY	DATE: 30-10-2022 SHEET: 1/1