



GRID CONNECTION  
L1Lo

ESKOM SWITCHING STATION  
PV PLANT SUBSTATION

11kV OHL

132kV OHL

11kV OHL

SITE BOUNDARY

BESS

PHASE 1

PHASE 2

PHASE 5

PHASE 4

PHASE 3

740x Tracker/ 31.32 kWp  
= 23.176 MWp

1520x Tracker/30.51 kWp  
= 46.375 MWp

760x Tracker/30.78 kWp  
= 23.592 MWp

740x Tracker/ 31.05 kWp  
= 22.977 MWp

740x Tracker/31.05 kWp  
= 22.977 MWp

LEGEND	
	TRACKER
	PV AREA
	FENCE
	ROADS

PROJECT	
GEO POSITION	-26.9401°S, 27.4721°E
SITE AREA	269,08 ha
PV AREA	241.61 ha (fenced)
ROW TO ROW CLEARANCE	6.7 m
INTERNAL ROAD LENGTH	xx m
MODULE TILT	-55°/+55° E/W Tracking
NUMBER OF MODULES	210,000
INSTALLED CAPACITY	138.9 MWp
NUMBER OF ARRAYS	1,875
ARRAY TYPE	1Px54Trackers
POWER / ARRAY	30.51/30.78/31.05/31.32kWp
BASIS FOR PLAN	Client's KMZ
TECHNOLOGY	
MODULE	Bifacial N-Type
MODULE POWER	560-580 Wp
MODULE DIMENSIONS	2278 x 1134
INVERTER	120x 4400UD-20
INVERTER STATION	13xMVS8800/4xMVS4400

REV	DATE	BY	CHKD	APPD	CHANGE	DATE
P4	RTH	TRH	--	ADDED LEGEND		2023-02-07

  

PROJECT NUMBER	--	SHEET ID	--	DRAWING TITLE	TYPICAL CULVERT DETAILS - ROAD 3km
PROJECT NAME & ADDRESS			CUSTOMER		
STANDARD DRAWING					

  

	<b>JUWI RENEWABLE ENERGIES (PTY) LTD</b> 20 <sup>th</sup> Floor - THE HALYARD 4 CHRISTIAN BARNARD STREET FORESHORE - CAPE TOWN 8001- SOUTH AFRICA PHONE: +27 - (0)21 8316100 TELEFAX: +27 - (0)21 8316199	APPROVAL STAMP
		STATUS: <b>PRELIMINARY</b> SCALE: NTS    FORMAT: DIN A1

A1 - (341 x 584)mm

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