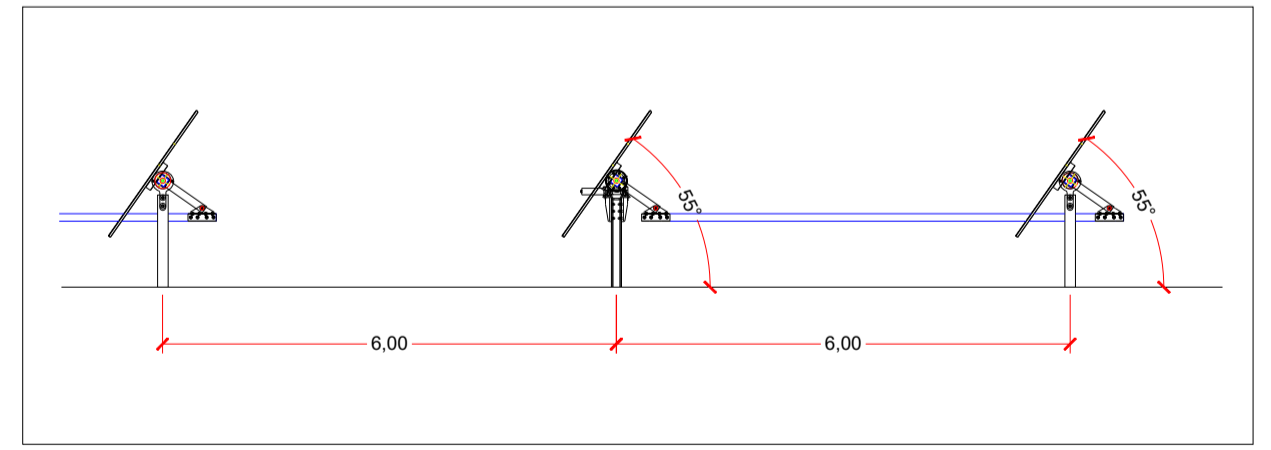


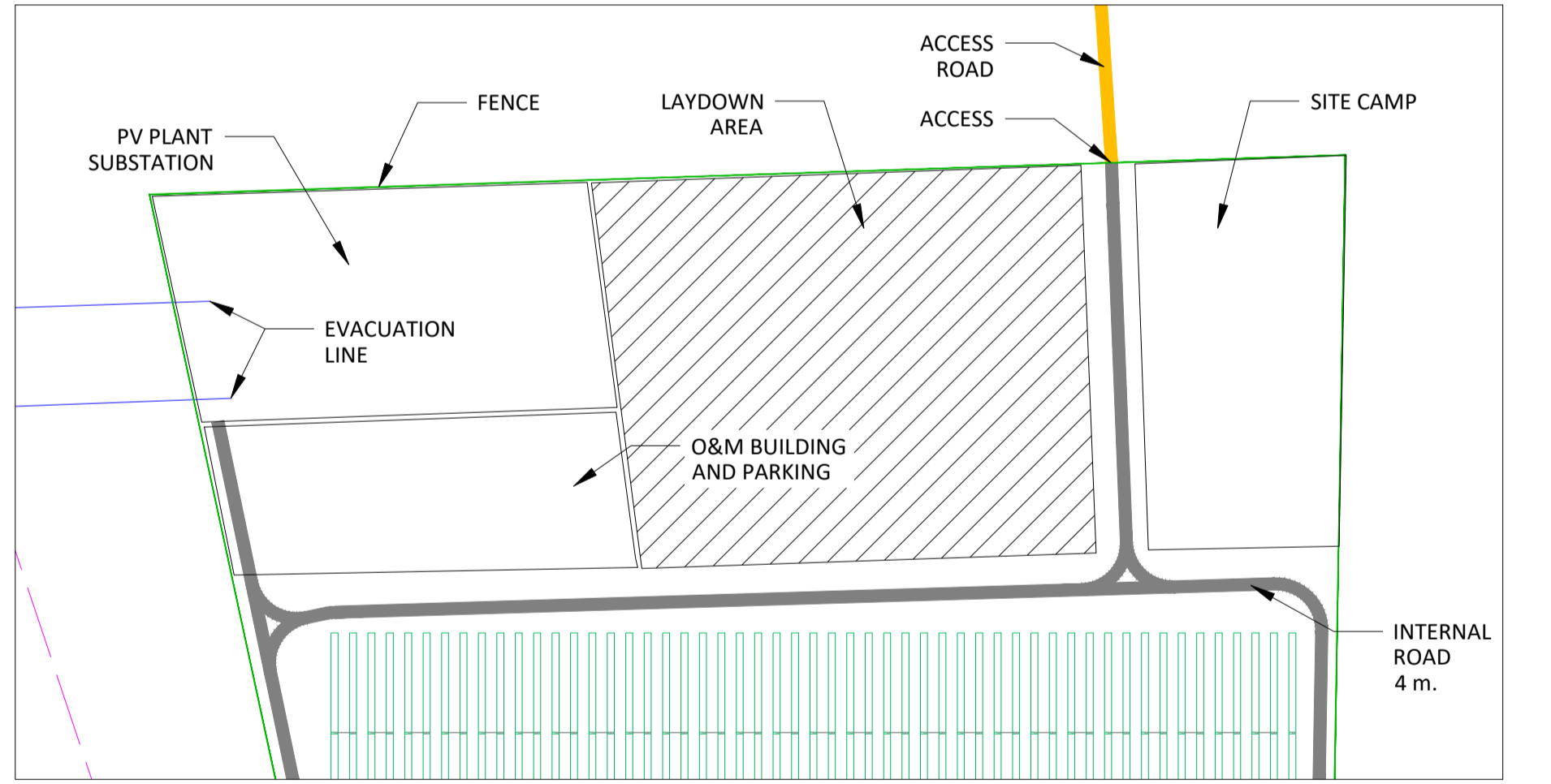
A GENERAL LAYOUT
Scale 1/6,000



B LOCATION
Scale 1/50,000



C AXONEDUO DETAIL
Scale 1/100



D O&M BUILDING, SUBSTATION, LAYDOWN AREA AND SITE CAMP
Scale 1/2,000

SITE BASIC INFORMATION:	
Location:	Limpopo, province in S. Africa
	SOUTH AFRICA
Latitude:	23° 59' 07.10" S
Longitude:	28° 58' 2.72" E
Elevation:	1.189 m.a.s.l.

MAIN FEATURES	
AC Installed Power (@30°C):	116.50 MVA
AC Nominal Power (POI):	100.00 MWac
DC Installed Power:	126.22 MWdc
Racking Structure:	AXONE DUO
Blocks Type A :	476 strings 6
Blocks Type B :	474 strings 1
Blocks Type C :	472 strings 10
Cell Technology:	Bifacial N-Type
Module Size:	144 Cells

ELECTRICAL CONFIGURATION:	
Modules per string:	28 mod.
Peak Power Module:	560 Wdc
Max. Voltage System:	1,500 V
Peak Power Block T.A:	7.46 MWdc
Peak Power Block T.B:	7.43 MWdc
Peak Power Block T.C:	7.40 MWdc
Total quantity of strings:	8,050 strings
Total Peak Power:	126.22 MWdc

PV MODULE	
Peak Power:	560 Wp
Quantity:	225,400 ud

PV INVERTER	
Nominal power @30°C:	250 kVA
Quantity:	466 ud

TRANSFORMER	
Nominal power:	6,300 kVA
Quantity:	17 ud

AREA	
Total Fence Area:	214.2 ha
Total Fence Perimeter:	7,595 m

THIS PRELIMINARY DESIGN IS FOR REVIEW ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION

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ISSUED FOR	<input checked="" type="checkbox"/> INFORMATION ONLY			
	<input type="checkbox"/> APPROVAL			
	<input type="checkbox"/> QUOTATION PURCHASING			
	<input type="checkbox"/> CONSTRUCTION			
	<input type="checkbox"/> AS BUILT			
ENGINEERING:	ISE	EPC CONTRACTOR:	GRS	
CLIENT:	edf renewables			
		REV:	0	FIRST ISSUE
				APR-2022
				JAF
		PROJECT:	MOGALAKWENA PV PLANT SC1	
		SHEET TITLE:	GENERAL LAYOUT	
		REFERENCE:	P22-0004-ING	PAPER SIZE:
				A1: 840 x 594 mm.
		DRAWING N°:	GEN-001	