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TECHNICAL SPECIFICATIONS			
STRUCTURE	Tracked PIA Solar	TYPE	591-59°
PV MODULES	TYPE	POWER	NUMBER
	Jinko Solar JKMS80M-7RL4-TV	580 W	255 892
STRINGS	PV MODULES PER STRING	NUMBER	
	26	9 842	
INVERTERS	TYPE	POWER	NUMBER
	Sungrow SG125HV	3 437 kVA	32
TRANSFORMER CENTER	TYPE	POWER	NUMBER
	Sungrow Power Station	6 874 kVA	19
GEOMETRIC DATA	AZIMUTH	PITCH	PV PLANT PERIMETER
	0°	6 m	6 168 m
			PV PLANT AREA
			346.6 ha
TOTAL PEAK POWER INSTALLED:		148 417,360	kWp
TOTAL NOMINAL POWER INSTALLED:		130 606,000	kVA

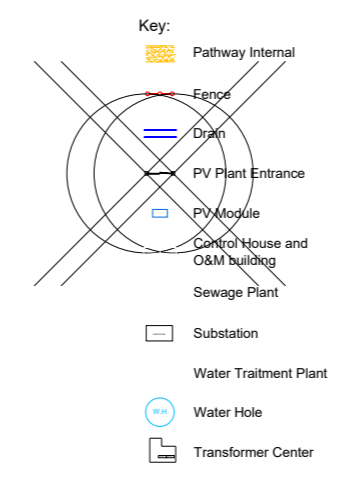
**GENERAL NOTES**

Assumptions:

- Flat terrain;
- No nearshading objects on the field.

Layout subject to eventual changes that may be necessary due to:

- Topographical survey;
- Geotechnical survey;
- Hydrological study;
- Grid connection conditions;
- Requirements of Planning Authorities.



VERSION	PURPOSE	DRAWN	VERIFIED	DATE
07	Update PV Power and layout of BESS	Bruno Canhoto	Bruno Silva	26.07.2021
06	Update layout of BESS	Bruno Silva	Bruno Silva	05.03.2020
05	PV module change and inclusion of BESS	Bruno Silva	Bruno Silva	18.11.2020
04	Terrain Limits Modification	Fábio Oliveira	Aurélien Francelle	20.09.2019
03	Implementation of Water treatment plant/Water Hole/ Sewage plant and drains	Fábio Oliveira	Aurélien Francelle	15.07.2019
02	Upgrade of Peak power and internal ways	Fábio Oliveira	Aurélien Francelle	05.02.2019
01	Peak power increase	Fábio Oliveira	Aurélien Francelle	06.09.2018
00	Initial Version	Fábio Oliveira	Aurélien Francelle	06.09.2018

CLIENT:	Voltalia	DRAWN:	Bruno Canhoto	SERVICE:	Electrical
PROJECT:	SOUTH AFRICA - BOLEBEDU	VERIFIED:	Bruno Silva	STAGE:	Development
SITE:	Limpopo Province, South Africa, Africa	DATE:	26.07.2021	RELEASED BY:	CDE
DRAWING DESIGNATION:	General Implantation	SCALE:	1:7500	VOLTALIA	
		PROJECT N°:	BOL01	28 rue de Mogador	
		FORMAT N°:	A2	75009 Paris, France	
		DRAWING N°:	DV_LV_101_02_07	Tel: +33 (0)1 44 63 14 40	

