



**Notes**

PV Plant: Kleinfontein Solar PV1  
 Location: Free State, South Africa  
 UTM convergence: 0.0778 °  
 Altitude: 1346.88 m  
 Rated Power: 120 MW  
 Peak Power: 144 MW  
 Ratio DC/AC: 1.20  
 Structure: STI-H250  
 PV Module: Suntech  
 STP560S-C72/Nmh+\_TOPCon\_1500V\_2279\_20V02  
 Inverter: Sungrow SG1100UD-20 Multio Power  
 Pitch distance: 8.0 m

Property: Portion 1 of Farm 369 Kleinfontein  
 Registration Division: Vrijoenkroon RD  
 Municipality: Mofhaka Local Municipality  
 Province: Free State

**Legend**

- Available area
- Power station
- Colors indicate solar field connection to each power station
- Mounting structure
- Roads
- Medium voltage trenches
- Low voltage trenches
- Fences
- Medium voltage lines
- String cables
- Cables from string box to inverter String boxes

**Legend**

- Access Road
- Available area
- BESS Area
- CIVL Roads
- Diesel Storage Area
- Eskom Switching Station
- IPP Substation
- Laydown Area
- O&M Buildings
- Power Stations
- STRUC Structure
- STRUC Structure 1
- STRUC Structure 2
- STRUC Structure 3
- STRUC Structure 4
- STRUC Structure 7
- STRUC Structure 8

REV	DESCRIPTION	BY	DATE
00	FIRST VERSION	RP	2023-06-01

FOR INFORMATION ONLY

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Mulilo Renewable Project Developments (PTY) LTD

PROJECT: Kleinfontein Solar PV1

DRAWING: PV Plant Layout

SCALE: 1 : 10000 SHEET: 1 / 1

REVISION: 00 DATE: 2023-06-01

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