

REFERENCE EXISTING INFRASTRUCTURE

	National Route
	Reservoir
	Windpump
	Buildings
	Internal access roads

PROPOSED INFRASTRUCTURE

	McTaggart-Oasis 132kV powerline
	McTaggart-Oasis 132kV 31m servitude
	Uprington MTS
	Guard House & Security
	Laydown
	OMM Complex and Auxiliary Buildings
	Substation
	Perimeter Fence
	PV Trench

PROPOSED INFRASTRUCTURE

	Battery Storage
	Inverter / MV Transformer Station
	Internal Access roads
	Access roads
	110kV 400kV Area-Uprington servitude

ENVIRONMENTAL SENSITIVITIES

	Pin
	200m Avifauna Buffer around Pans
	Ecology Medium - Low Sensitivity
	Ecology Medium Sensitivity
	Ecology Medium - High Sensitivity

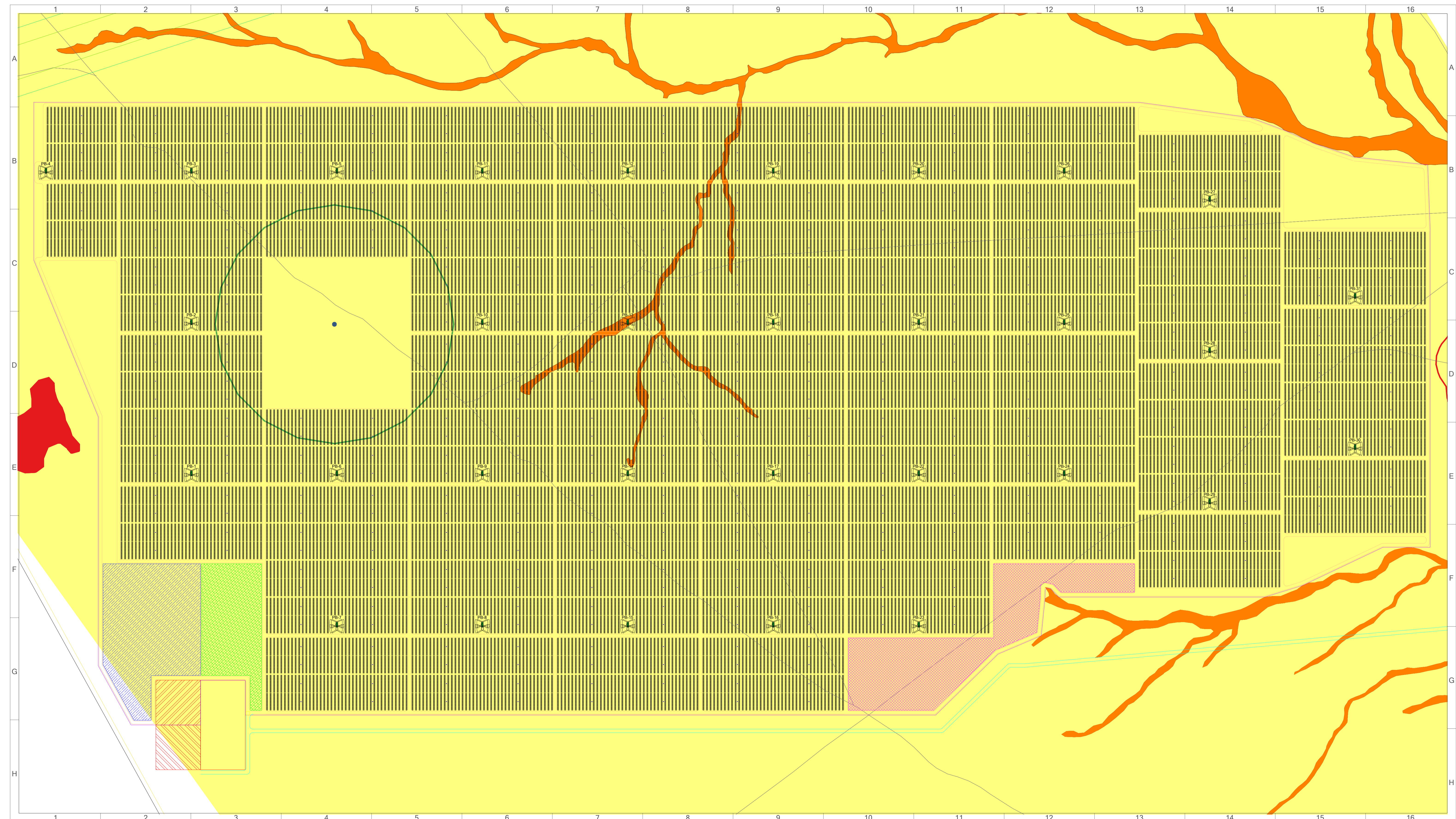
ENVIRONMENTAL SENSITIVITIES

	Ecology High Sensitivity
	Aquatic Moderate - High Sensitivity
	Aquatic High Sensitivity
	Aquatic High Sensitivity 45m No-Go Buffer

Notes

1. Consult relevant regulatory bodies (Water, Safety, etc.)
2. Supply of water to be confirmed by relevant regulatory bodies (Water, Safety, etc.)
3. Check for any existing or proposed infrastructure.
4. To be confirmed by relevant bodies.
5. To be confirmed by relevant bodies.
6. To be confirmed by relevant bodies.
7. To be confirmed by relevant bodies.
8. To be confirmed by relevant bodies.
9. To be confirmed by relevant bodies.
10. To be confirmed by relevant bodies.
11. To be confirmed by relevant bodies.

VAN DYK & ASS. tnc	
Project No.	120127-GOR-100
Client	REMAINDER OF THE FARM
Site No.	GELF KOP No. 455
Site Name	ADMIN DISTRICT - GORDONIA
Site Type	GORDONIA SOLAR PV
Site Description	SITE DEVELOPMENT PLAN
Scale	1:25 000
Date	01 June 2020
Author	L.A. van Dyk
Check	
Drawn	
Scale	
Sheet	1 of 2



GENERAL NOTES:

1. Cadastral information supplied by Surveyor-General - Subject to survey.
2. Topographical information as supplied by Survey and Mapping Mowbray-Subject to survey.
3. Contours as supplied by Survey and Mapping Mowbray-Subject to survey.
4. For servitudes see servitude notes.
5. Internal Access road width 5m. Internal Access roads crossing low sensitivity washes - low level crossings.
6. Cable trenches to be within or parallel to internal access roads.
7. Main Access road width 8m. Main Access road crossing high sensitivity drainage lines - box culverts.
8. All areas beyond perimeter fence are no-go areas for construction.
9. Permanent laydown area will not exceed 1ha and will be contained within the footprint of the temporary laydown area.
10. Project to connect to the Upington MTS via the Geel Kop collector switching station (assessed as part of a separate environmental (Basic Assessment) process).
11. Battery Storage: Preferred technology - Lithium; Capacity - up to 400MWh; Storage Area - up to 3.5ha; Maximum height - up to ±3m

LEGEND: EXISTING INFRASTRUCTURE		PROPOSED INFRASTRUCTURE		ENVIRONMENTAL SENSITIVITIES	
	Reservoir		Internal Access roads		Pan
	Windpump		Access roads		200m Avifauna Buffer around Pans
	Internal access roads		Laydown		Ecology Medium - Low Sensitivity
	McLoggerts-Oasis 132kV powerline		O&M Complex and Auxiliary Buildings		Ecology Medium - High Sensitivity
	McLoggerts-Oasis 31m servitude		Substation		Ecology High Sensitivity
			Guard House & Security		Aquatic Moderate - High Sensitivity
			PV Table		Aquatic High Sensitivity
			110m 400kV Arco-Upington servitude		Aquatic High Sensitivity 48m No-Go Buffer
			Battery Storage		
			Inverter / MV Transformer Station		

CLIENT:
 GORDONIA SOLAR PV (PTY) LTD

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CONSULTANT:

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PROJECT TITLE:
 GORDONIA SOLAR PV

DRAWING TITLE:
 SITE DEVELOPMENT PLAN

LOCATION:
 FARM GEEL KOP NO 456 RE

DATE: 01/06/2020	SCALE: -	PAPER SIZE: A1
DESIGNED BY: D PEINKE	DRAWN BY: D PEINKE	CHECKED BY: P SMITH
DRAWING NO.: V20127-GOR-100		REV. NO.: 01
SHEET 2 OF 2		
APPROVAL:		
SIGNATURE:	NAME:	PR. REG. DATE:
THE ORIGINAL IS HELD AT THE HEAD OFFICE		