

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 Tilted

ENVIRONMENTAL SENSITIVITIES

	Battery Storage
	Inverter / MV Transformer Station
	Internal Access roads
	Access roads
	110m 400kV Area-Uprington servitude
	Pin
	200m Avifauna Buffer around Pans
	Ecology Medium - Low Sensitivity
	Ecology Medium Sensitivity
	Ecology Medium - High Sensitivity

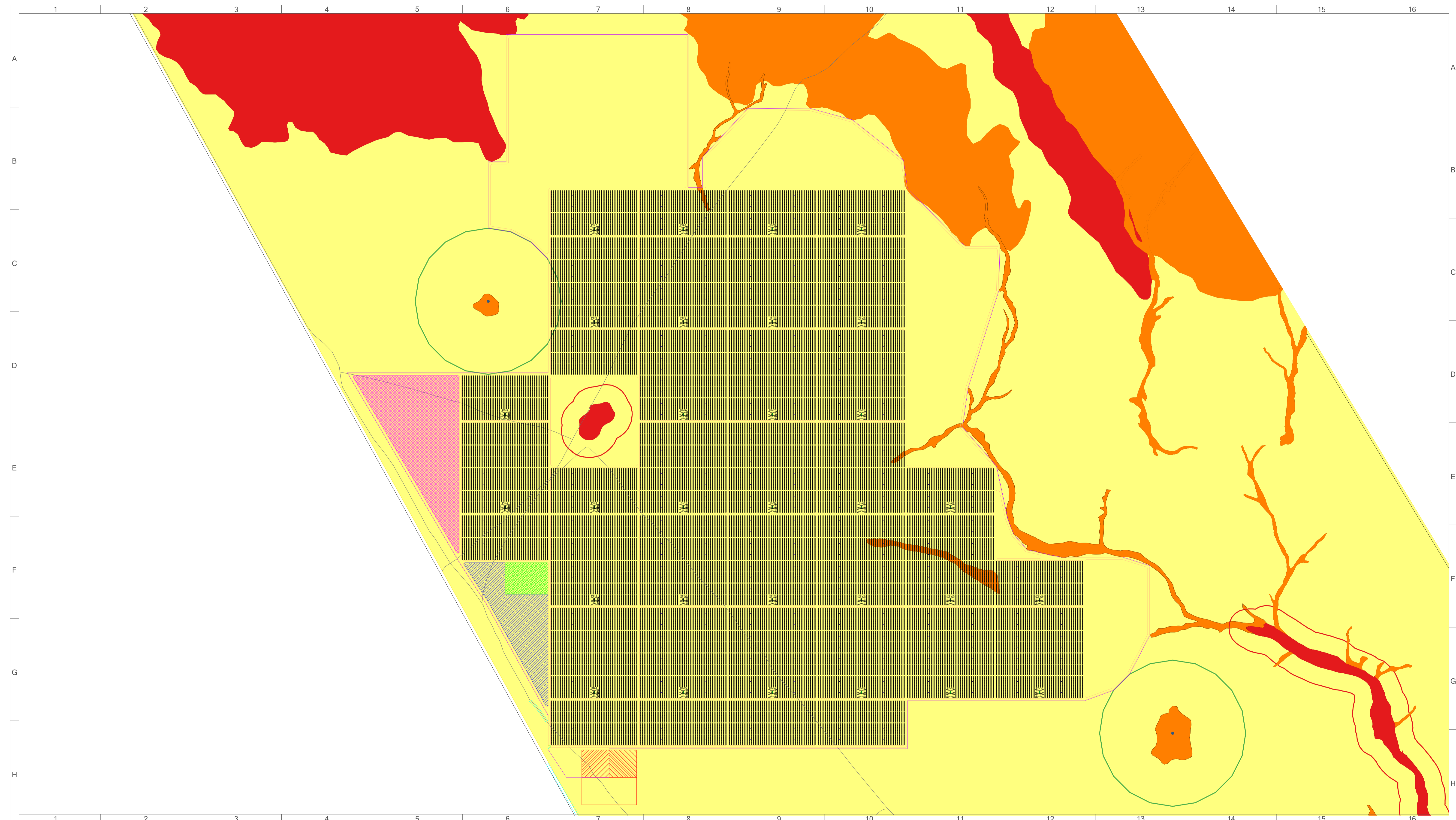
Ecology Sensitivity

	Ecology High Sensitivity
	Ecology Moderate - High Sensitivity
	Ecology High Sensitivity
	Ecology High Sensitivity 40m No-Go Buffer

Notes

1. Consult relevant regulatory bodies (water, safety, etc.)
2. Support the Minister in the exercise of his/her powers under the Act.
3. Consult the relevant regulatory bodies (water, safety, etc.)
4. To be used as a guide only.
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VAN DYK & ASS tnc	
Project No:	120121-KAR-100
Client:	REMANINDER OF THE FARM
Site:	GEEL KOP No. 455
Area:	ADMIN DISTRICT - GORDONIA
Scale:	1:25 000
Date:	01 June 2020
Author:	L.A. van Dyk
Check:	
Drawn:	
Scale:	
Sheet No.:	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		Battery Storage
	Windpump		Access roads		Guard House & Security
	Internal access roads		Laydown		PV Table
	McTopperts-Oasis 132kV powerline		O&M Complex and Auxiliary Buildings		110m 400kV Arise-Upington servitude
	McTopperts-Oasis 31m servitude		Substation		Perimeter Fence
			Inverter / MV Transformer Station		Ecology High Sensitivity
					Ecology Moderate - High Sensitivity
					Ecology Medium - Low Sensitivity
					Ecology Medium - Sensitivity
					Ecology Medium - High Sensitivity
					Aquatic High Sensitivity
					Aquatic Moderate - High Sensitivity
					Aquatic High Sensitivity 48m No-Go Buffer
					Pan
					200m Avifauna Buffer around Pans

CLIENT:
 KARROID PV (PTY) LTD

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 7 WEST QUAY ROAD
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CONSULTANT:

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PROJECT TITLE:
 KARROID 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-KAR-100		REV. NO.: 01
SHEET 2 OF 2		
APPROVAL:		
SIGNATURE:	NAME:	PR. REG.:
DATE:		

THE ORIGINAL IS HELD AT THE HEAD OFFICE