

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 Tabe

PROPOSED INFRASTRUCTURE

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

ENVIRONMENTAL SENSITIVITIES

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

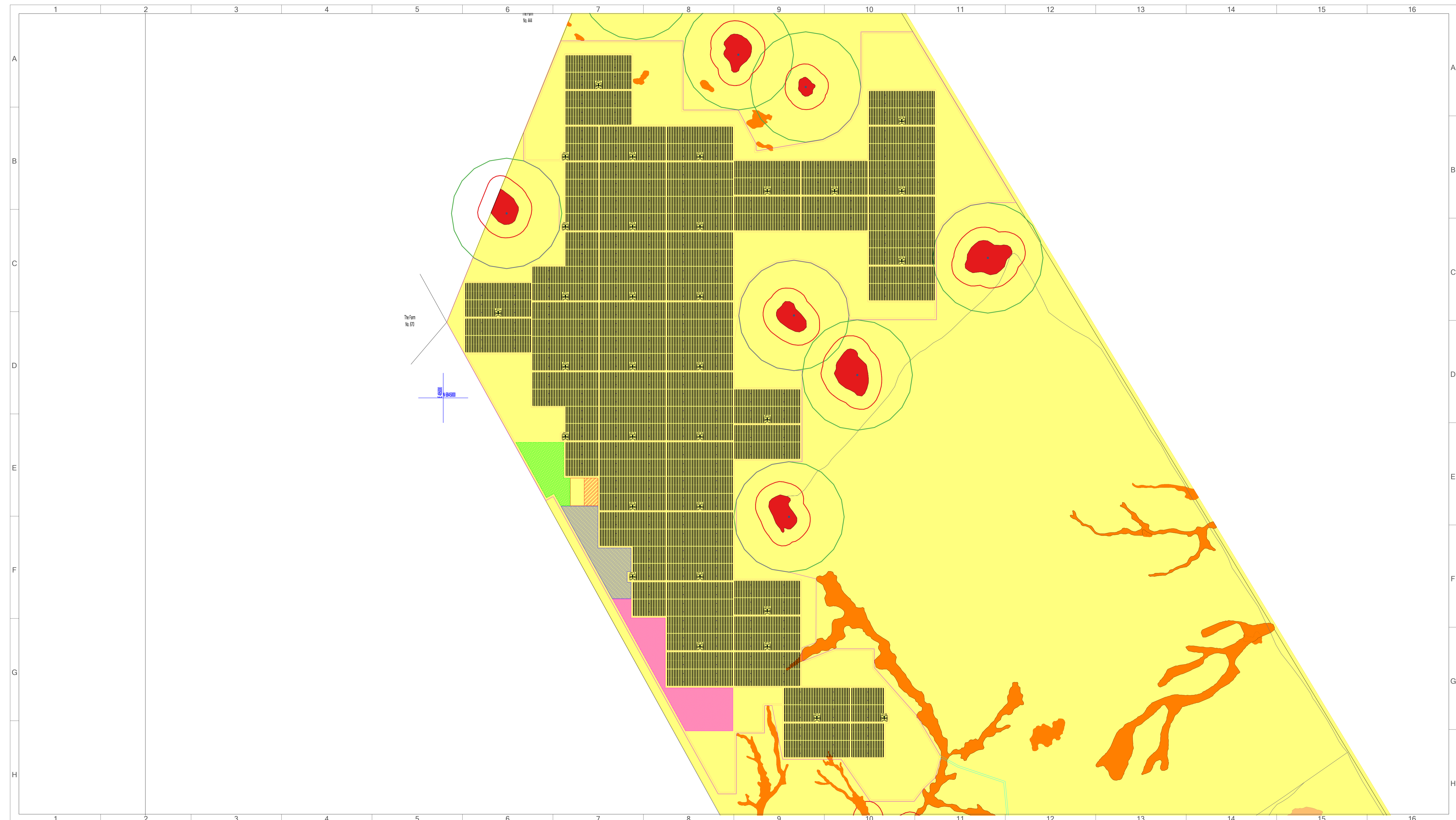
ENVIRONMENTAL SENSITIVITIES

	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. Support the Minister of Energy and Environmental Affairs (MEEA) in the process of issuing a License of Environmental Management (LEM).
3. Obtain a License of Environmental Management (LEM) from the MEEA.
4. For any other requirements.
5. The License of Environmental Management (LEM) is a prerequisite for the construction of the project.
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10. The License of Environmental Management (LEM) is a prerequisite for the construction of the project.
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VAN DYK & ASS. tnc	
Project No.	120127-GKS-100
Client	REMANINDER OF THE FARM
Site No.	GEEL KOP No. 455
Site Name	ADMIN DISTRICT - GORDONIA
Scale	1:25 000
Date	01 June 2020
Author	L.A. van Dyk
Checked	
Drawn	
Scale	
Sheet No.	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		Battery Storage
	Windpump		Access roads		Guard House & Security
	Internal access roads		Laydown		PV Table
	McToppers-Oasis 132kV powerline		O&M Complex and Auxiliary Buildings		110m 400kV Aries-Upington servitude
	McToppers-Oasis 31m servitude		Substation		Perimeter Fence
			Inverter / MV Transformer Station		Pan
					Ecology High Sensitivity
					Aquatic Moderate - High Sensitivity
					Ecology Medium - Low Sensitivity
					Ecology Medium Sensitivity
					Ecology Medium - High Sensitivity
					Aquatic High Sensitivity
					Aquatic High Sensitivity 48m No-Go Buffer

CLIENT:
GK SOLAR PV (PTY) LTD

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PROJECT TITLE:
GK 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-GKS-100		REV. NO.: 01
SHEET 2 OF 2		
APPROVAL:		
SIGNATURE:	NAME:	PR. REG.:
DATE:		
THE ORIGINAL IS HELD AT THE HEAD OFFICE		