

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

PROPOSED INFRASTRUCTURE

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

ENVIRONMENTAL SENSITIVITIES

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

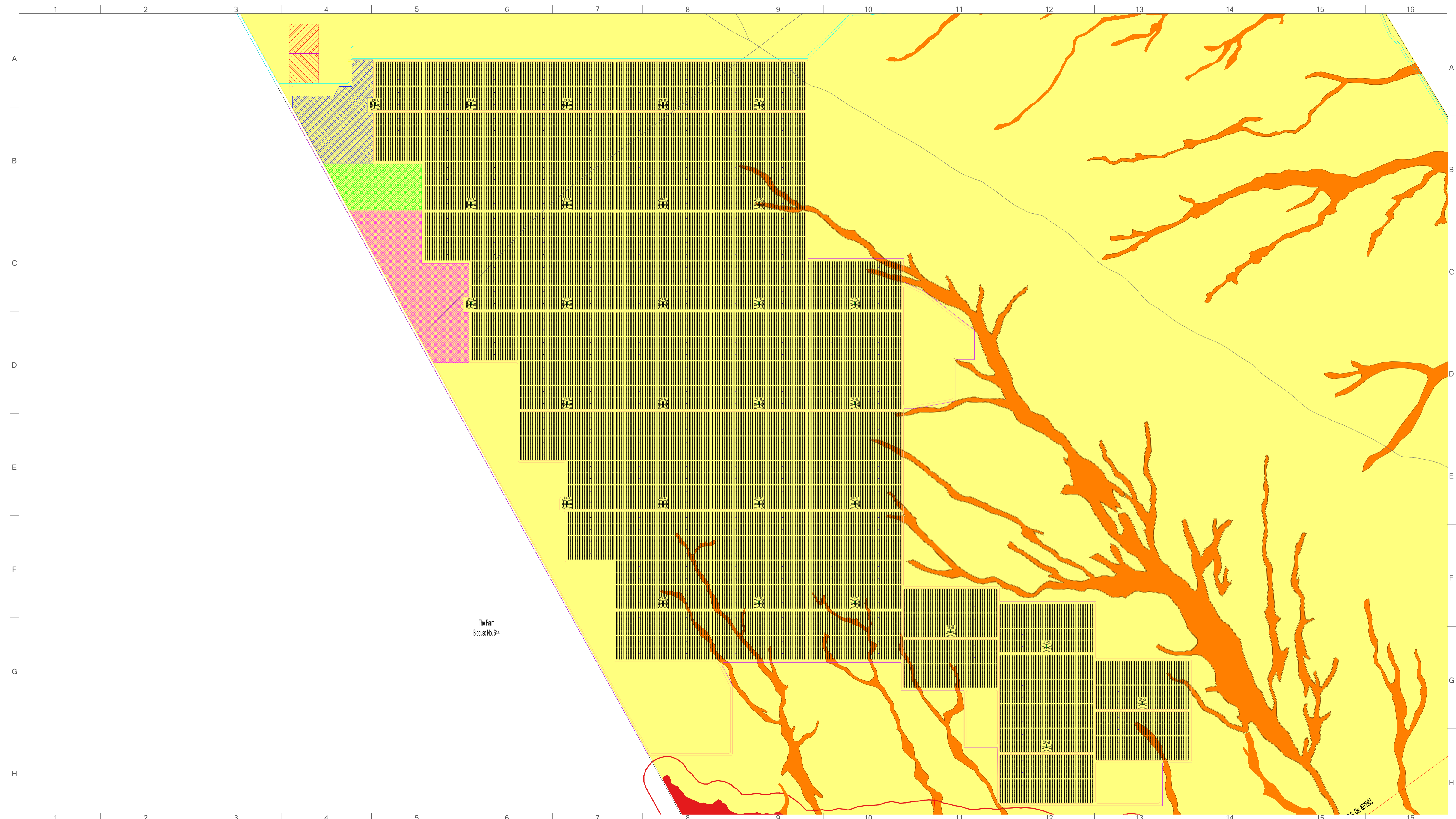
ENVIRONMENTAL SENSITIVITIES

	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. Support the Minister of Energy and Environmental Affairs (MEEA) in the process of reviewing the application.
3. Obtain a permit from the Department of Water and Sanitation (DWS) for the proposed water abstraction.
4. For any other requirements.
5. The proposed site is located in an area of high biodiversity and is subject to various environmental sensitivities.
6. The proposed site is located in an area of high biodiversity and is subject to various environmental sensitivities.
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10. The proposed site is located in an area of high biodiversity and is subject to various environmental sensitivities.

VAN DYK & ASS. tnc	
Project No.	120127-DUN-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	1 of 2



The Farm
Bloosno No. 644

1:2000

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 Aries-Upington servitude
	McTopperts-Oasis 31m servitude		Substation		Ecology High Sensitivity
			Perimeter Fence		Ecology Moderate - High Sensitivity
			Inverter / MV Transformer Station		Ecology High Sensitivity 48m No-Go Buffer
					Ecology Medium - Low Sensitivity
					Ecology Medium Sensitivity
					Ecology Medium - High Sensitivity
					Pan
					200m Avifauna Buffer around Pans

CLIENT:
DUNEVELD PV (PTY) LTD

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WEST QUAY BUILDING
7 WEST QUAY ROAD
Waterfront 8000
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CONSULTANT:

ATLANTIC ENERGY PARTNERS

101, BLOCK A,
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PROJECT TITLE:
DUNEVELD 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-DUN-100		REV. NO.: 01
SHEET 2 OF 2		
APPROVAL:		
SIGNATURE:	NAME:	PR. REG.:
		DATE:

THE ORIGINAL IS HELD AT THE HEAD OFFICE