

11/374



# Tutuka Solar Energy Facility

Environmental sensitivity and layout map

## Legend

- Secondary roads
- Tutuka Power Station
- Farm portions

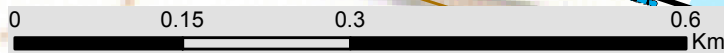
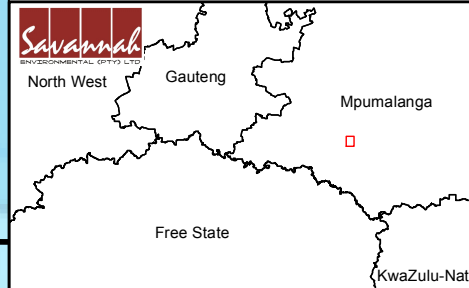
## Layout Plan:

- Site Access Route
- 11/132kV Power Line
- Underground Cable
- Access to the site
- Laydown Construction Area
- O&M Building
- Proposed PV Plant Substation
- Proposed Connection Point
- PV Site

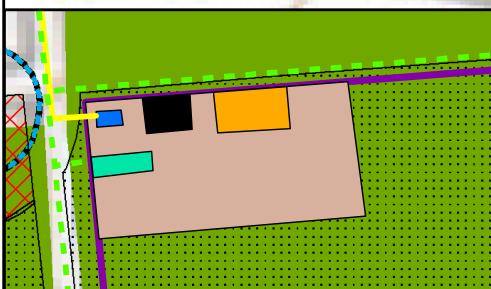
## Environmental sensitivity:

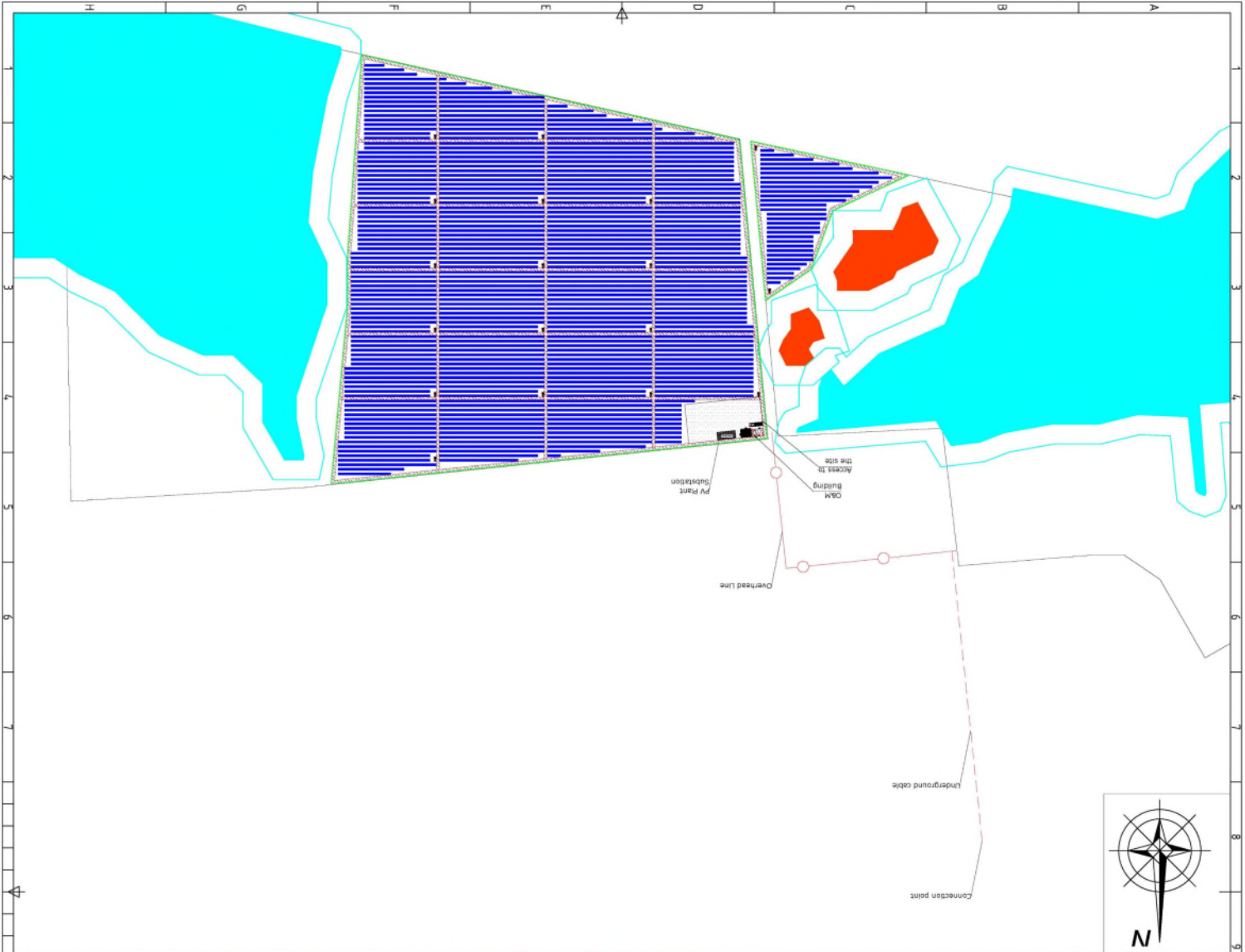
- Wetland (No-go area)
- Wetland Buffer (30m\_No-go area)
- Aloe ecklonis Grassland (High Ecological Sensitivity)
- Hermannia depressa Grassland (Low Ecological Sensitivity)
- Aristida bipartita Degraded Grassland (Low Ecological Sensitivity)
- High Avifauna Sensitivity
- Medium - High Avifauna Sensitivity
- Medium - Low Avifauna Sensitivity

Scale: 1:6 750  
 Projection: LQ29  
 Map ref.: Tutuka PV SEF - Env sens map\_22.03.16

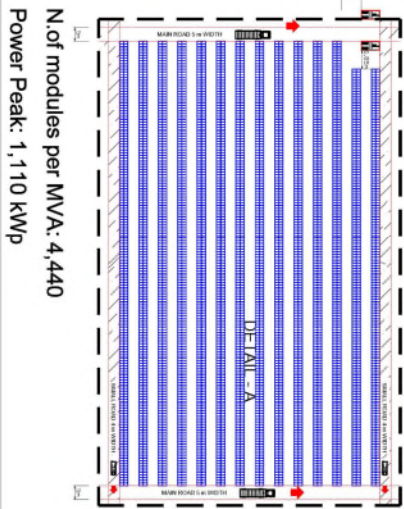


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### DETAIL A



### LEGEND

- PV ROW
- MW CABIN
- SINGLE TIER FENCE
- WETLAND
- WETLAND BUFFER
- LAYOUT/LATENT/PROTECTION AREA
- INTERNAL/EXTERNAL ROADS 5 M WIDTH
- PV PLANT SUBSTATION
- GEM BUILDING
- PARKING AREA
- OVERHEAD EVACUATION LINE
- UNDERGROUND EVACUATION

#### Tutuka site border coordinates (WG 29)

NO	Easting	Northing
1	33808,8410	-2963664,5160
2	24034,0670	-2963265,4570
3	34430,1300	-2963125,2320
4	34823,9390	-2963285,3390
5	34859,7010	-2963480,1140
6	35095,2370	-2963464,2590
7	35820,3220	-2963390,6110
8	36196,5440	-2963387,0280
9	36226,7800	-2964184,8920
10	35136,0620	-2963945,9150

Tutuka PV Plant Information

Food print area 37,5 Ha

Indicative capacity up to 23 MW

NO	NAME	DATE	NOTE
01			
02			

ESKOM HOLDING LIMITED  
GROUP TECHNOLOGY  
ESKOM ENTERPRISES PARK



Tutuka PV Plant  
Indicative Layout  
Polycrystalline  
PV Modules

NAME DATE

ACCREDITED MANAGER

SHEET NO: 001A

SUPERSEDED BY ESKOM 183

DATE

SCALE

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