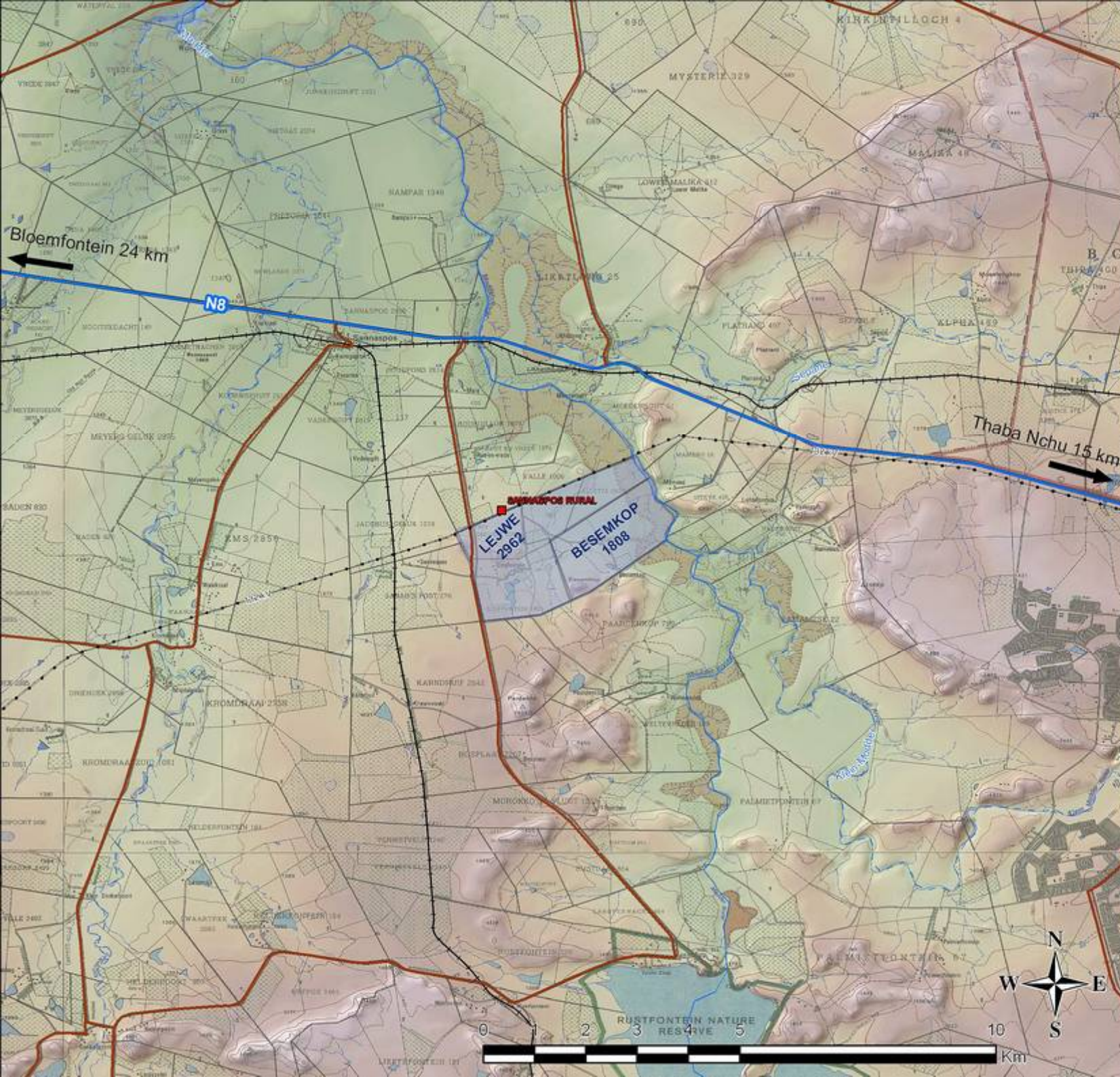


# Sannaspos Solar Energy Facility

## Locality Map






### Legend

- National Road
- Regional Road
- Secondary Road
- Railway Line
- Perennial River
- Non-perennial River
- Power Line
- Distribution Substation
- Farm portion










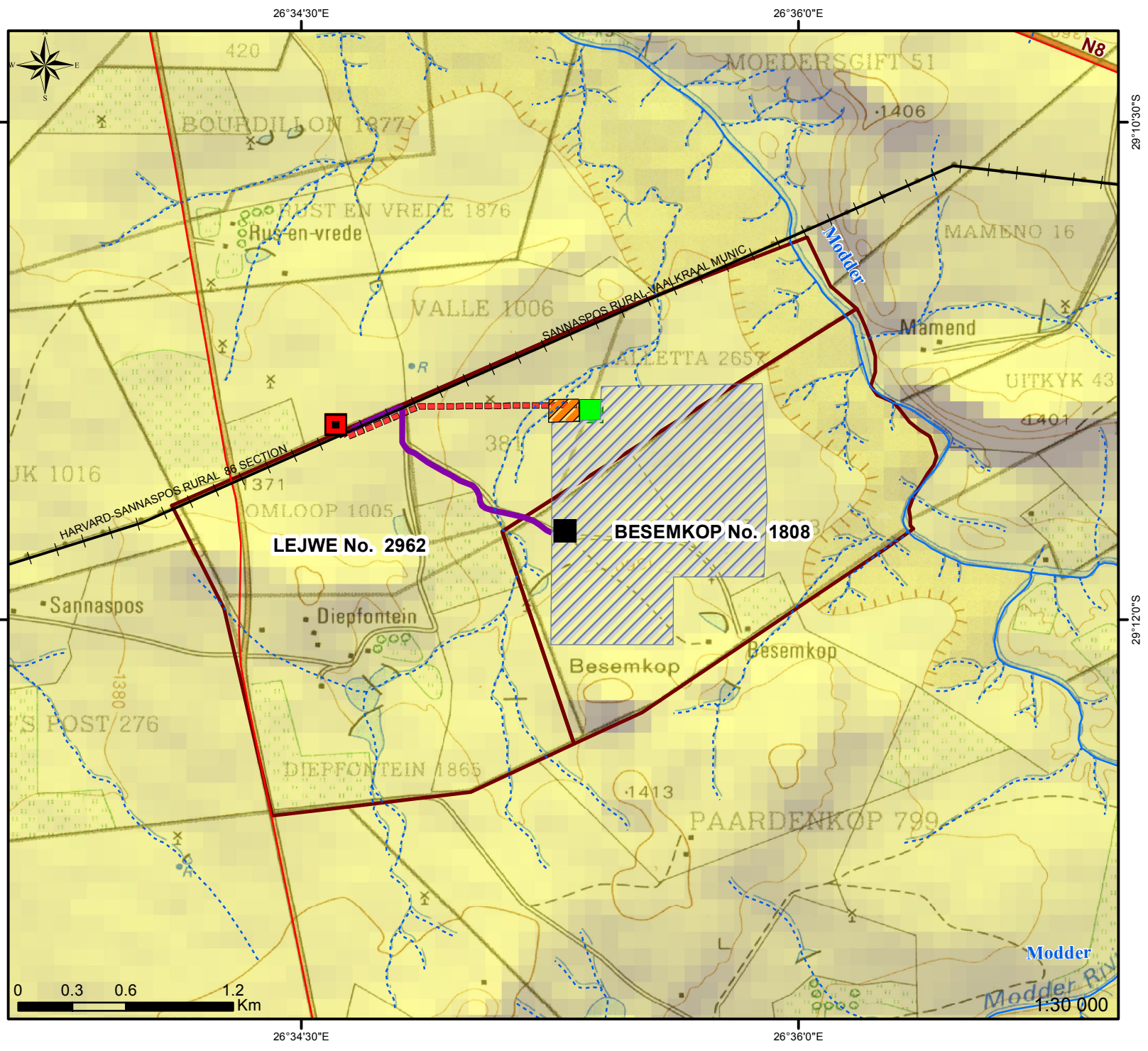
# Sannaspos Solar Energy Facility (75MW) Facility Layout Map

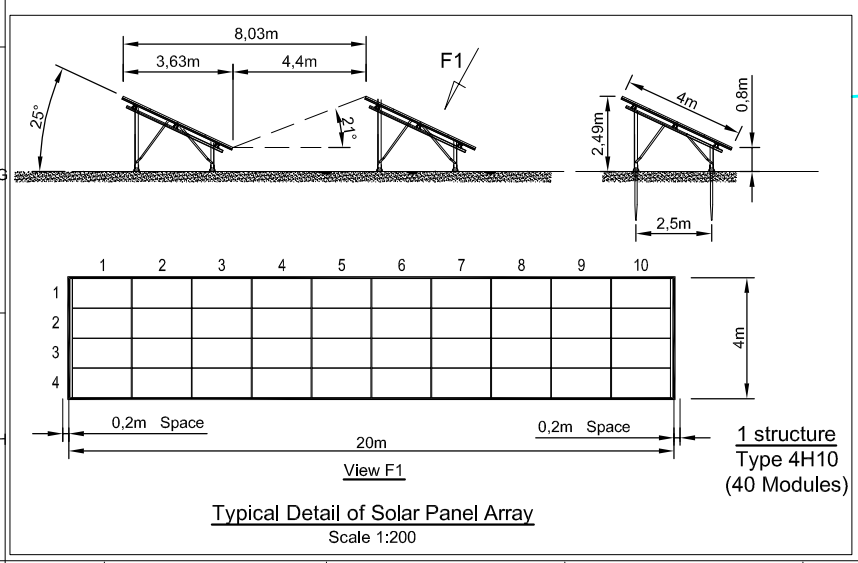
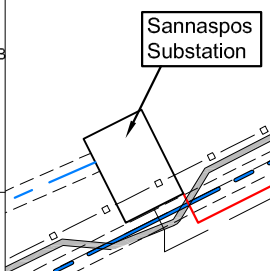
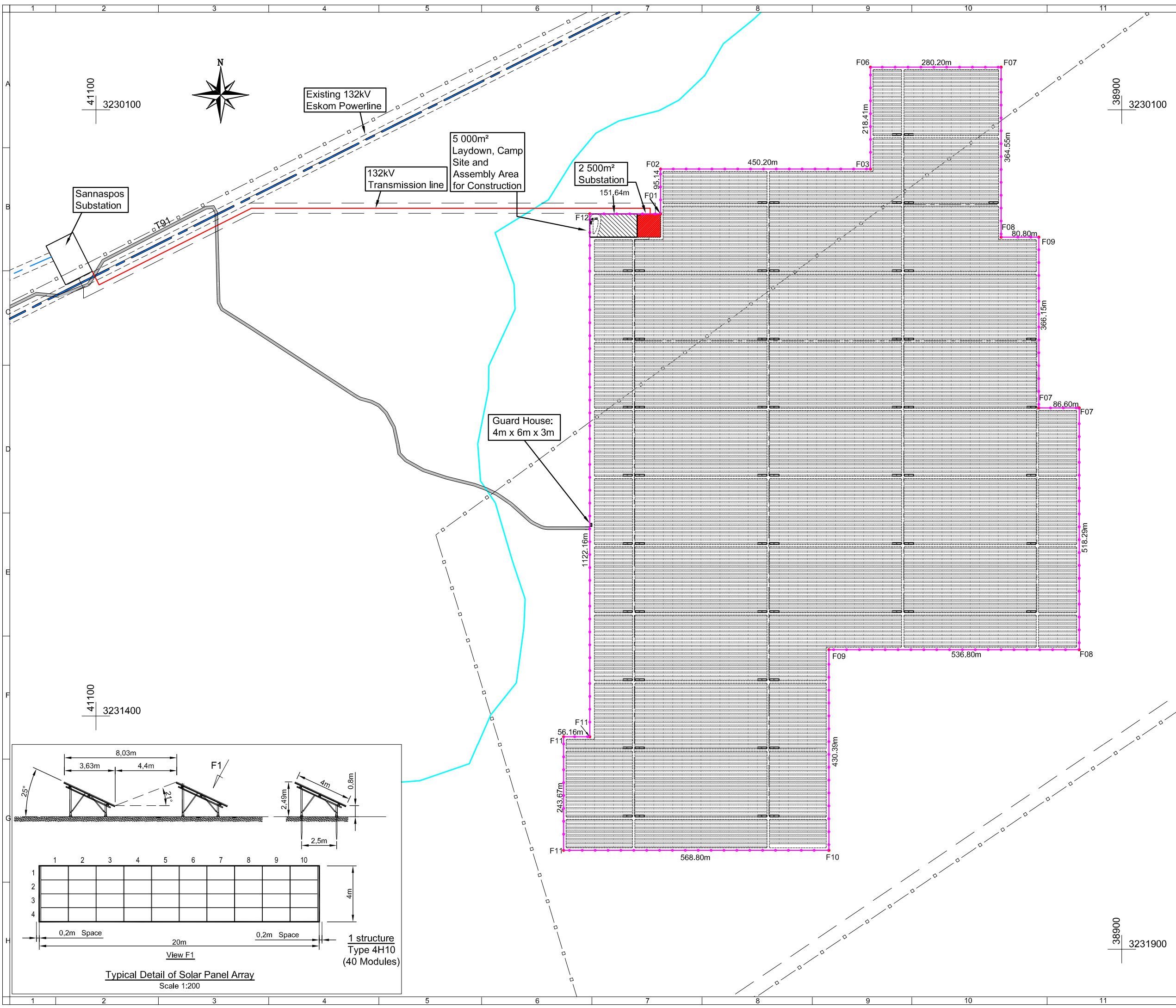
## Legend

-  Existing Substation
-  Existing Power line
-  Roads
-  Perennial river
-  Non-Perennial river

## Facility Layout

-  Sannaspos phase 1 (75MW)
-  Laydown area
-  Access road
-  Proposed power line
-  Guardhouse
-  On-site substation
-  SEF farm portion





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This drawing is not to be scaled. Figured Dimensions only are to be followed. Additional Dimensions, when required, will be provided upon request. Contractors are to check all Dimensions before work commences and refer any Discrepancy to the Engineer for adjustments.

Solar Park Area:	133.03ha
Leashold Erf Area:	700.97ha
Total PV Modules:	300 000
Fence Height:	2.4m
Trenching:	800mm
(below ground level)	
Invert/ITE (L x W x H)	7m x 3m x 3.5m
Array Enclosure:	1m² area
Foundation footprint:	steel screw piles
Borrow pits:	none
(unlikely to be required)	
Building for accomodation:	None on site
Permanent Laydown area:	None
Cut and Fill:	None

Co-ordinates of Site Bench Marks		
POINT	Y	X
Sannaspos Substation	41 154.693	3 230 420.574
Sannaspos Substation	29°11'24.89"E	26°34'36.20"S
Guardhouse	40 047.570	3 230 990.135
Guardhouse	29°11'43.94"S	26°35'15.45"E

Note:  
Refer to Setting out Data sheet for Boundary Fence

LEGEND	
	132kV Transmission Line
	132kV Eskom Powerline
	Property Boundary
	Perennial Water Course
	Transformer connection
	Fence Corner Post
	Solar Panel Structure
	Existing Roads
	Access Roads
	Solar Park Fencing
	Guardhouse
	30m Building Line
	Transformer



PROJECT  
**SANNASPOS 74.70MWac**  
(Installed Capacity: 90MWp)  
Leasehold Area No. 1 on  
Farm 1808 & 2962, Bloemfontein

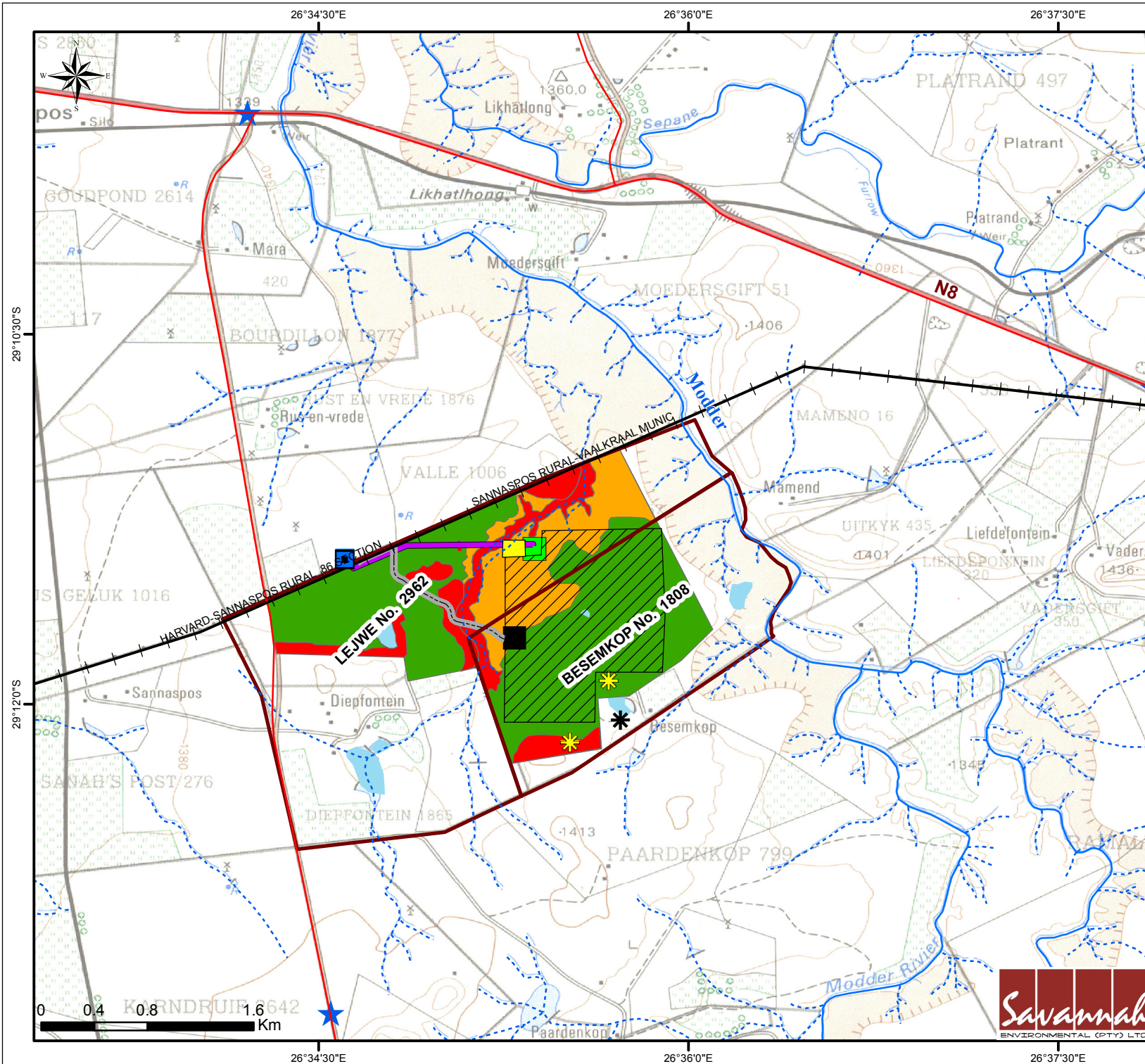
DRAWING TITLE  
**SITE PLAN**

	SIGNATURE FOR SD	DATE	PR.No.	SHEET SIZE
DESIGNED	G.B.	9/12	No	A3
DRAWN	RDT	9/12	No	SCALE
CHECKED	G.B.	9/12	No	1:7 500
APPROVED	G.B. PR.ENG	9/12	080093	DWG STATUS
				I=INFO

SD DRAWING NUMBER  
DWG

**SAN-EX-GE-SP-0003-A**

# Sannaspos Solar Energy Facility (75MW) Environmental sensitivity



- Existing Substation
- Existing Power line
- Roads
- Perennial river
- Non-Perennial river
- SEF farm portion
- Facility Layout**
- PV site
- Laydown area
- Access road
- Proposed power line
- Guardhouse
- On-site substation
- ENVIRONMENTAL SENSITIVITY**
- Ecology**
- High
- Medium-High
- Low
- Waterbodies
- Visual receptors
- Cemetery (burials)
- Historic stone shed

