



LEASE AREA 2				
SIDES IN METRES		CO - ORDINATES (WG 25°)		
		Y	X	
A - B	559.85	A	+96 820.96	+3 388 845.96
B - C	1282.70	B	+96 518.42	+3 388 374.90
C - D	1195.76	C	+95 235.76	+3 388 364.38
D - E	56.09	D	+94 854.52	+3 389 497.74
E - F	194.80	E	+94 885.74	+3 389 544.34
F - G	95.39	F	+94 833.45	+3 389 731.99
G - H	52.88	G	+94 756.07	+3 389 787.78
H - J	115.38	H	+94 728.51	+3 389 832.91
J - K	902.25	J	+94 727.38	+3 389 948.28
K - L	370.96	K	+95 629.60	+3 389 955.60
L - M	895.80	L	+95 626.31	+3 390 326.55
M - A	1559.37	M	+96 520.74	+3 390 376.16

PV Plant : Paarde Valley PV 2
 Location : Northern Cape, South Africa
 UTM Convergence: 1.5284°
 Altitude : 1228.78m

LEASE AREA 2
 ON REMAINDER OF
 PORTION 2 OF THE
 FARM PAARDE
 VALLEY No.145

New Solar Tracker PV
 Modules
 See drawing :
 M-PV2/03/00 & M-PV2/04/00

New Site Layout
 See drawing :
 M-PV2/05/00

Area Calculations	
SITE AREA	3100889.00m ²
EXISTING BUILDING AREA	0.00m ²
NEW O&M BUILDING	351.53m ²
NEW O&M BUILDING FOOTPRINT	431.27m ²
NEW O&M BUILDING GROSS FLOOR AREA	320.82m ²
NEW O&M BUILDING COVERAGE	0.014%
PV MODULE AREA	88975.20m ²
PV MOUNTING STRUCTURE PILE FOUNDATIONS	31.28m ²
PV MODULE AREA COVERAGE	28.412%
FOOTPRINT AREA	462.553820
GROSS FLOOR AREA	1225.48m ²
EXISTING COVERAGE	0.00%
NEW COVERAGE	28.43%
TOTAL COVERAGE	28.43%
BULK/FAR	0.04%

THE COPYRIGHT ON THIS DRAWING, THE DESIGN AND DETAILS SHOWN THEREON, IS RESERVED BY THE ARCHITECTS.

ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK

THIS DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS MAY BE USED.

LOCATION ON SITE

REVISIONS

No.	Date	Description

Notes :

- Restricted Area
- Site Boundary
- Roads
- Medium Voltage lines
- String Lines
- Power Station
- String Box
- Mounting Structure
- Colors indicate solar field connection to each MV Transformer/ Power Station

Building Classification :

G1 - Offices

Occupancy comprising offices, banks, consulting rooms and other similar usage.

(as per SANS 10400)

GXY ARCHITECTS

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 6001
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Client :
 Mulilo

Site :
 Lease Area 2
 Remainder of portion 2
 Paarde Valley No. 145
 Administrative District of
 Phillipstown
 Northern Cape Province

Project Title :
 Paarde Valley PV2

Drawing Title :
 SOLAR PLANT SITE LAYOUT

Designed : GXY Architects	Date : 8-Feb-23
Drawn : F. Jacobs	Date : 8-Feb-23
Checked : ED Polley	Date : 8-Feb-23

Scale : 1 : 5000
 Drawing Number:

M-PV2/02/00

1 SITE PLAN
 1 : 5000

