

2 BUILDING BLOCK OVERVIEW
SCALE: NTS

NOTES:

1. TIE-IN LOCATION TO BE CONFIRMED.
2. ACCESS ROAD AND EQUIPMENT PAD ACCESS TBD
3. DESIGN WIND SPEED ASSUMED TO BE 28 m/s 10-MIN GUST.
4. ALL OBSTRUCTIONS WITHIN THE BOUNDARIES WHICH COULD SHADE THE ARRAY, NEED TO BE REMOVED PRIOR TO INSTALLATION.
5. BB LENGTH, PIERS QUANTITY/ROW & QUANTITY OF MOTORS COULD CHANGE UPON DETAILED STRUCTURAL ANALYSIS REPORT.
6. SEISMIC INFO: ACCORDING TO SANS 101604:2009, THE PEAK GROUND ACCELERATION IS RANGES BETWEEN 0,1g AND 0,15g. IT WILL BE ADOPTED 0,125g
7. DESIGN PAD QTY AND SIZE MAY CHANGE UPON FINAL MANUFACTURER BRAND SELECTION.
8. TOPOGRAPHICAL INFORMATION AND PROPERTY LIMITS HAVE BEEN PROVIDED BY THE CLIENT.

PROPOSED SYSTEM SPECIFICATIONS:

9.975,462 kWp
 (30.506) HIGH EFF. (SPWR327W) MODULES
 14 MODULES/STRING, 2.179 STRINGS
 5.836 PIERS
 33 DRIVE MOTORS
 GCR=0,40
 AZIMUTH ANGLE: 0°

NOTE: THE PROPOSED ARRAY LAYOUT SHOWN IS DESIGNED TO FIT EXISTING CONDITIONS AS THEY ARE DESCRIBED ON THIS DRAWING. KWP AND MODULE QUANTITY, TYPE AND LAYOUT ARE SUBJECT TO CHANGE BASED ON SUNPOWER VERIFICATION OF ACTUAL SITE CONDITIONS, AS WELL AS ON MODULE AVAILABILITY AT THE DATE OF ORDER.

1 ARRAY LAYOUT
SCALE: 1:1250

PRELIMINARY
NOT FOR
CONSTRUCTION

ENGINEER'S STAMP

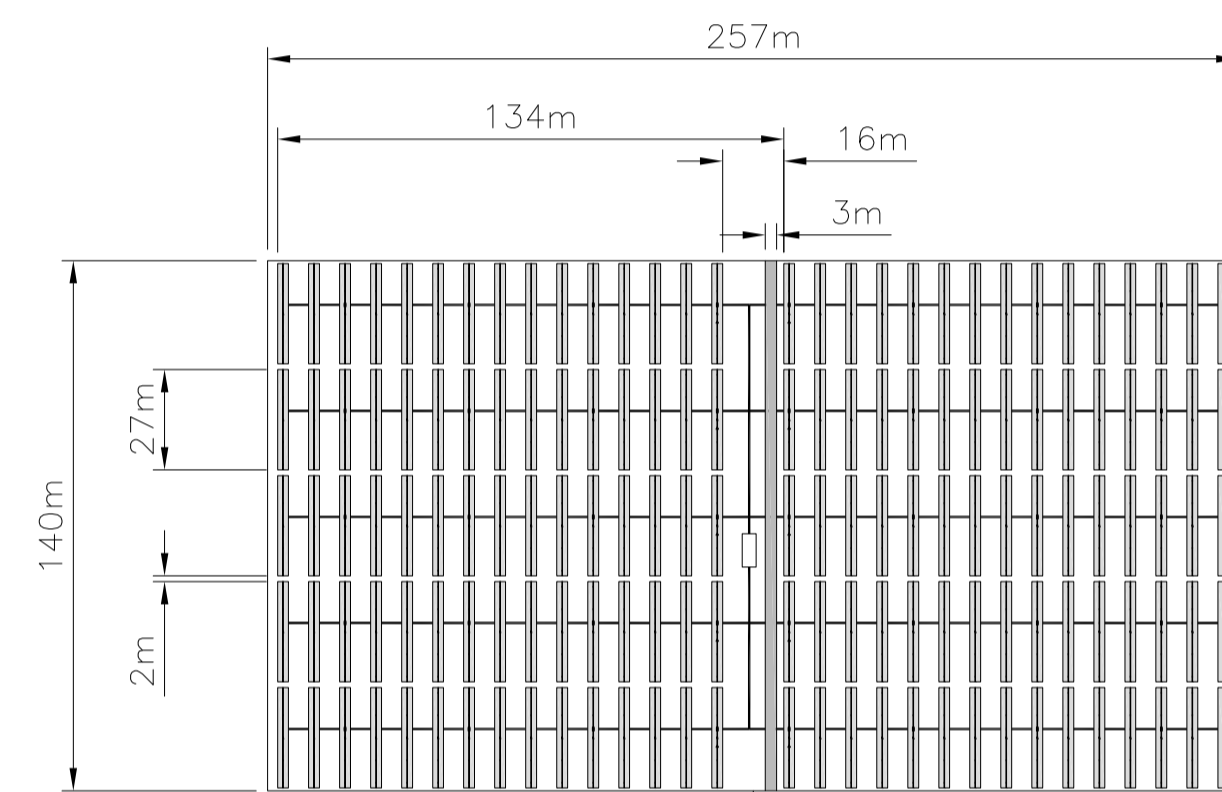
TOTAL COAL
PV POWER GENERATION PLAN
SOUTH AFRICA
FORZANDO

REV	DESIGN #	DESCRIPTION	DATE	DB	CB
A	D-0036611	T0- PRELIMINARY PROPOSAL	02/24/12	JL	DR
B	D-0036612	C7- PRELIMINARY PROPOSAL	02/24/12	PM	DR
C	D-0038761	C7- FORZANDO NEW SITE	03/30/12	PM	DS
D	D-0039681	C7- FORZANDO UPDATED NEW SITE	04/11/12	PM	LM
E	D-0039680	T0- FORZANDO UPDATED NEW SITE	04/11/12	LM	PM
G	D-0040320	T0- SUBSTATION INCLUDED	04/19/12	LM	BM

OPPORTUNITY: 379722
 PROJECT: -
 DATE DRAWN: 03/29/12
 DRAWN BY: P.MAS
 SHEET: AL



2 TRACKER 3D VIEW
SCALE: NTS



1,800.00 kWp ≈ 1.6 MWac
 300 STRINGS, 150 TRACKERS
 150 MOTORS, 40 COMBINER BOXES
 40 TMAC CONTROLLERS
 750 PIERS
 3.6 HECTARES (TYP)

3 ENLARGED C7_BB
SCALE: 2000

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6. SEISMIC INFO: ACCORDING TO SANS 101604:2009, THE PEAK GROUND ACCELERATION IS RANGES BETWEEN 0,1g AND 0,15g. IT WILL BE ADOPTED 0,125g
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PROPOSED SYSTEM SPECIFICATIONS:

9,000.00 kWp
 8.00 MWac
 1500 STRINGS
 200 COMBINER BOXES, 50 RECOMBINER BOXES
 750 TRACKERS - 750 MOTORS
 3750 PIERS
 AZIMUTH ANGLE: 10°

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1 ARRAY LAYOUT
SCALE: 1:1250

SUNPOWER

SUNPOWER ENERGY SYSTEMS SPAIN S.L.
 Pº DE LA CASTELLANA, 86
 28046 MADRID (SPAIN)
 (+34) 917 820 746

PRELIMINARY
NOT FOR
CONSTRUCTION

ENGINEER'S STAMP

TOTAL COAL
 PV POWER GENERATION PLAN
 SOUTH AFRICA
 FORZANDO

C7 TRACKER
 ARRAY LAYOUT

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D	D-0039681	C7- FORZANDO UPDATED NEW SITE	04/11/12	PM	LM
E	D-0039680	T0- FORZANDO UPDATED NEW SITE	04/11/12	LM	PM
F	D-0040321	C7- AZIMUTH & SUBSTATION INCLUDED	04/24/12	PM	BM

OPPORTUNITY 379722

PROJECT -

DATE DRAWN 04/24/12

DRAWN BY P.MAS

0 1 2
 IF BAR IS NOT 2cm, DRAWING IS NOT TO SCALE

SHEET
 AL

