

## **Appendix C: Facility Illustration/s**

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66

**PLANT SUMMARY**

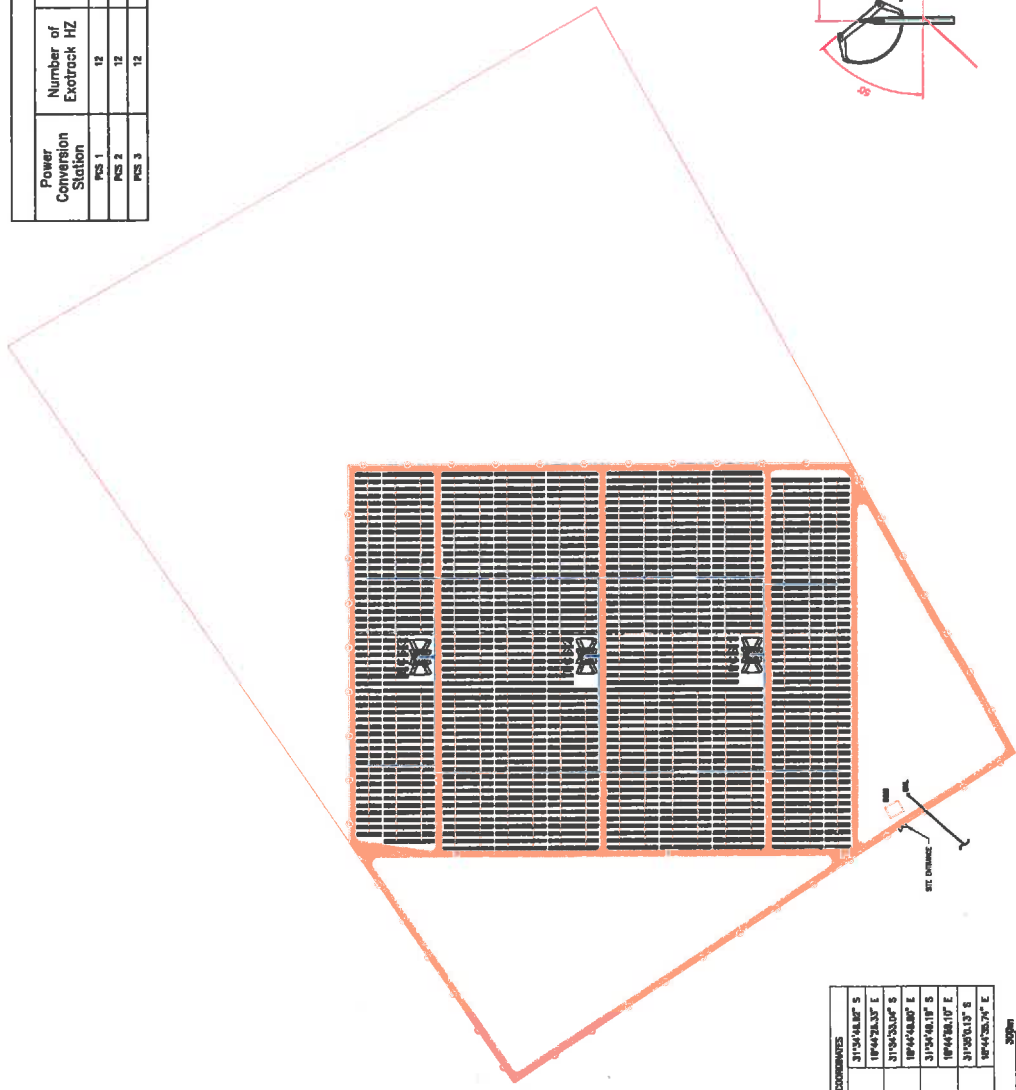
Name	Number of tables	Power plant capacity	North Orientation	East/West Pitch	Pitch between table	G.C.R	Table	Number of module per table	Module capacity	Capacity per table	Number of string per table
PS 1	308	1,808 MWp									
PS 2	311	1,828 MWp									
PS 3	308	1,808 MWp									

**BLOCK SUMMARY**

Power Conversion Station	Number of Exotrack HZ	Number of Tables	Power Capacity	Number of 24 Input SCB	Number of 16 Input SCB
PS 1	12	308	1,808 MWp	7	10
PS 2	12	311	1,828 MWp	7	10
PS 3	12	308	1,808 MWp	7	10

**SUMMARY**

Name	Total Length
DC Riving Run Length	29145 m
CB to Inverter DC Cable Run Length	7750 m
Water Power Supply	1844 m
Water Profiles	1844 m
UV Trench Length	1250 m
UV Trench Length	800 m
Flood Length	3418 m
Fence Length	1820 m
No. of 24 Input CB	21
No. of 16 Input CB	30
No. of Inverter Transformer Stations (IMH, max)	3
No. Inverter Stations	2
No. of Exotrack HZ	36
DHL Length	2800m

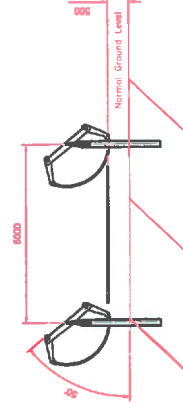


**LEGEND**

- Table
- Trill
- Transformer sub-station with Exotrack
- Shadow
- Drive motor
- Conditioner Box
- DC Cable (between modules and DC Cable (between Conditioner Box and Inverter)
- Power Supply network
- Communication network (Fibre)
- Fence
- Weather Station
- Access Gate

**GPS COORDINATES**

Point	Coordinates
A	31°54'48.00" S 18°42'28.37" E
B	31°52'53.00" S 18°44'48.00" E
C	31°54'48.00" S 18°42'28.37" E
D	31°52'53.00" S 18°44'48.00" E



**ROMA Energy Vanrhynsdorp (Pty) Ltd**  
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**SITE LAYOUT**

**EXOSUN**  
FOCUS ON SOLAR SOLUTIONS

Revised by: P.M. Date: 2016/04/20  
Checked by: C.F. Date: 2016/04/20  
Approved by: C.F. Date: 2016/04/20  
Drawn by: N.T.B. Date: 2016/04/20

Revision: 01 A