

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 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96

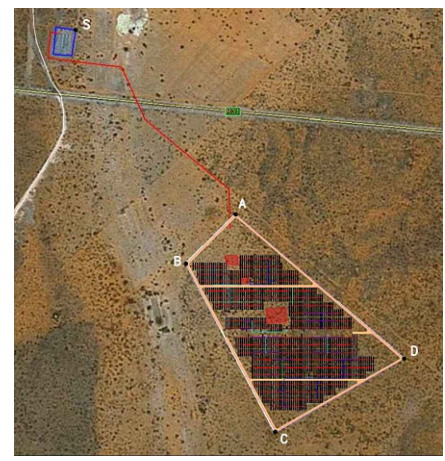
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PLANT SUMMARY											
Name	Number of tables	Power plant capacity	North Orientation	East/West Pitch	Pitch between table	G.C.R	Table	Number of module per table	Module capacity	Capacity per table	Number of string per table
Exotrack HZ	927	5,747 MWc	0.00°	6.00 m	1 m, 3 m, 8 m	32.60 %	Ex-Table	20	310.00 Wc	6.20 kWc	1

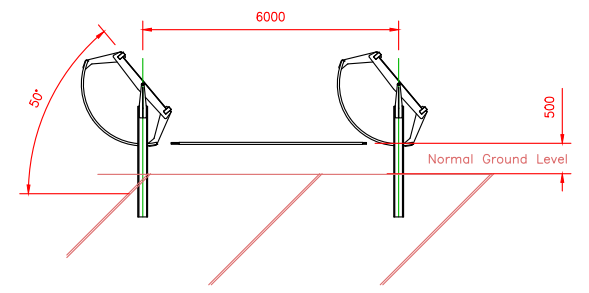
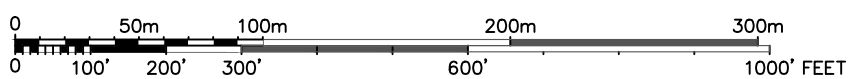
BLOCK SUMMARY					
Power Conversion Station	Number of Exotrack HZ	Number of Tables	Power Capacity	Number of 24 Input SCB	Number of 16 Input SCB
PCS 1	13	309	1,916 MWdc	7	12
PCS 2	11	314	1,947 MWdc	1	20
PCS 3	12	304	1,885 MWdc	3	17

SUMMARY	
Name	Total Length
DC String Run Length	21875 m
CB to Inverter DC Cable Run Length	9529 m
Motor Power Supply	1923 m
Motor Profibus	1923 m
LV Trench Length	1400 m
MV Trench Length	850 m
Road Length	2957 m
Fence Length	1850 m
No. of 24 Input CB	11
No. of 16 Input CB	49
No. of Inverter Transformer Stations (ZMA each)	3
No. Weather Stations	2
No. of Exotrack HZ	36
OHL Length	1000m

GPS COORDINATES	
A	27°20'39.85" S 23°11'12.16" E
B	27°20'44.66" S 23°11'6.67" E
C	27°21'1.11" S 23°11'16.50" E
D	27°20'53.98" S 23°11'30.62" E



LEGEND	
	Table
	Trail
	Transformer sub-station with Exobox
	Shadow
	Drive motor
	Combiner Box
	DC Cables (between modules and Combiner Box - No trenches needed)
	DC Cables (between Combiner Box and Inverter)
	Power Supply network
	Communication network (Profibus)
	Fence
	Weather Station
	Access Gate



Reference Drawings			Revision Information									ROMA Energy Mount Roper (Pty) Ltd 201220156207 SITE LAYOUT		
Amended by:	Checked by:	Date:	Drawn:	FvN:	Date:	Engineer:	CJF:	Date:	Approved:	CJF:	Date:	Vendor Drawing No.	Sheet	Revision
		2016/04/20			2016/04/20			2016/04/20			2016/04/20	E0026-K2E-LAY-MRP	01	A
Scale: N.T.S. Dwg. Size: A0												Kentz Drawing No.		