

**Appendix C: Facility Illustration/s**

PLANT SUMMARY

Name	Number of tables	Power plant capacity	North Orientation	East/West Pitch	Pitch between table	Table	Module capacity	Capacity per table	Number of string per table
Extracast HZ	827	5,717 MWp	0.007	6.00 m	1 m, 3 m, 5 m	EP-1048	310.00 Wp	6.20 MWp	1
G.C.R	32.80 %								

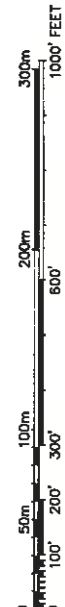
BLOCK SUMMARY

Power Conversion Station	Number of Extracast HZ	Number of Tables	Power Capacity	Number of 24 Input SCB	Number of 16 Input SCB
PSC 1	14	308	1,816 MWp	4	16
PSC 2	16	312	1,824 MWp	5	14
PSC 3	15	306	1,837 MWp	4	16

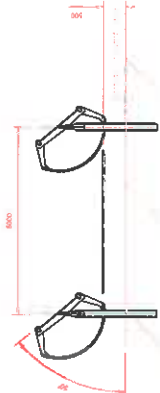
Summary	Total Length
DC string line length	22 842 m
CP to string DC table box	7800 m
Module Power Supply	1819 m
Module Protection	1819 m
CP track length	1400 m
WP track length	726 m
Panel length	2726 m
Panel width	1800 m
No. of CP input DC	15
No. of 16 Input CP	46
No. of 24 Input CP	2
No. Weather Stations	3
No. of Extrinsic IC	45
DRL Length	1700m

LEGEND

- Table
- Tray
- Transformer substation with Backup
- Shedding
- Gate meter
- Combiner Box
- DC Cables (between modules and Combiner Box - No junction needed)
- DC Cables (between Combiner Box and Inverter)
- Power Supply network
- Communication network (Fiber/Bus)
- Fence
- Weather Station
- Access Gate



DC CABLES	Length
A	22 842 m
B	7 800 m
C	1 819 m
D	1 819 m
E	1 400 m
F	726 m
G	2 726 m
H	1 800 m
I	15
J	46
K	2
L	3
M	45
N	1 700 m



KEREN Energy Kalamas (Pty) Ltd  
201220598407  
SITE LAYOUT

**EXOSUN**  
SOLAR PANELS

Project Name	201220598407	Client No.	201220598407
Revision	1	Issue No.	201220598407
Author		Check	
Designer		Approve	
Drawn		Scale	1:1
Checked		Date	2012/02/20
Reviewed		Date	2012/02/20
Approved		Date	2012/02/20
Drawn		Date	2012/02/20
Checked		Date	2012/02/20
Reviewed		Date	2012/02/20
Approved		Date	2012/02/20
Drawn		Date	2012/02/20
Checked		Date	2012/02/20
Reviewed		Date	2012/02/20
Approved		Date	2012/02/20

Sheet No. 01  
Total Sheets 01