



PV SYSTEM WIRING DIAGRAM

GENERAL NOTES				
THE CAPACITY OF THE EQUIPMENT CHOSEN IS SHOWN IN THE ELECTRICAL CALCULATION SHEET				
LEGEND				
SYMBOL	DESCRIPTION			
[Symbol]	SOLAR PV MODULE			
[Symbol]	POSITIVE DC WIRE			
[Symbol]	NEGATIVE DC WIRE			
[Symbol]	COMMUNICATION CABLE			
[Symbol]	EQUIPMENT GROUND CONDUCTOR			
[Symbol]	REMOTE ON-OFF SIGNAL CABLE			
[Symbol]	PLUG UP CABLE			
REFERENCE DRAWINGS				
LIST OF DRAWINGS	DRAWING NUMBER			
SOLAR ARRAY LAYOUT - REV1				
WIRING DIAGRAM - REV1				
	WIRING DIAGRAM - REV1			
SOLAR SYSTEM INFORMATION				
SYSTEM SIZE	3.54 kWp			
MODULE CAPACITY	550 Wp			
NUMBER OF MODULES	6			
MODULE DIMENSIONS	2278 X 1134 X 35 MM			
TILT ANGLE	40			
ORIENTATION (PV MODULES TO FACE SOUTH)				
1				
2				
3				
4				
5				
6				
7				
8				
9	ISSUED FOR APPROVAL	STAGE	DATE	APPROVED
OWNER :	ROYAL COMMISSION FOR JUBAIL & YANBU			
PROJECT TITLE :	ONLINE FLARE MONITORING SYSTEM			
LOCATION :	KSA - YANBU AL SINAIYAH			
SHEET TITLE :	PV SYSTEM WIRING DIAGRAM			
MYCORR Buildings Efficiency for Energy				
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APPROVED BY: MAHMOUD ELFEKY				
DATE	PROJ. NO.	INDEX	SHEET No.	SCALE
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