



Building Azimuth 25°

INVERTER STRING CONNECTION WITH 325 Wp			
pV	325 Wp	Inverter 01	
Sr.No.	String	No. of module per string	Capacity kWp
1.0	STR-01	17	5.525
2.0	STR-02	17	5.525
3.0	STR-03	17	5.525
4.0	STR-04	17	5.525
5.0	STR-05	17	5.525
6.0	STR-06	17	5.525
7.0	STR-07	17	5.525
8.0	STR-08	17	5.525
9.0	STR-09	17	5.525
Total		153	49.73

INVERTER STRING CONNECTION WITH 325 Wp			
pV	325 Wp	Inverter 02	
Sr.No.	String	No. of module per string	Capacity kWp
1.0	STR-01	17	5.525
2.0	STR-02	17	5.525
3.0	STR-03	17	5.525
4.0	STR-04	17	5.525
5.0	STR-05	17	5.525
6.0	STR-06	17	5.525
7.0	STR-07	17	5.525
8.0	STR-08	17	5.525
9.0	STR-09	17	5.525
Total		153	49.73

INVERTER STRING CONNECTION WITH 325 Wp			
pV	325 Wp	Inverter 03	
Sr.No.	String	No. of module per string	Capacity kWp
1.0	STR-01	17	5.525
2.0	STR-02	17	5.525
3.0	STR-03	17	5.525
4.0	STR-04	17	5.525
5.0	STR-05	17	5.525
6.0	STR-06	17	5.525
7.0	STR-07	17	5.525
8.0	STR-08	17	5.525
9.0	STR-09	17	5.525
Total		153	49.73

INVERTER STRING CONNECTION WITH 325 Wp			
pV	325 Wp	Inverter 04	
Sr.No.	String	No. of module per string	Capacity kWp
1.0	STR-01	17	5.525
2.0	STR-02	17	5.525
3.0	STR-03	17	5.525
4.0	STR-04	17	5.525
5.0	STR-05	17	5.525
6.0	STR-06	17	5.525
7.0	STR-07	17	5.525
8.0	STR-08	17	5.525
9.0	STR-09	17	5.525
Total		153	49.73

INVERTER STRING CONNECTION WITH 325 Wp			
pV	325 Wp	Inverter 05	
Sr.No.	String	No. of module per string	Capacity kWp
1.0	STR-01	17	5.525
2.0	STR-02	17	5.525
3.0	STR-03	17	5.525
4.0	STR-04	17	5.525
5.0	STR-05	17	5.525
6.0	STR-06	17	5.525
7.0	STR-07	17	5.525
8.0	STR-08	17	5.525
9.0	STR-09	17	5.525
Total		153	49.73

INVERTER STRING CONNECTION WITH 325 Wp			
pV	325 Wp	Inverter 06	
Sr.No.	String	No. of module per string	Capacity kWp
1.0	STR-01	17	5.525
2.0	STR-02	17	5.525
3.0	STR-03	17	5.525
4.0	STR-04	17	5.525
5.0	STR-05	17	5.525
6.0	STR-06	17	5.525
7.0	STR-07	17	5.525
8.0	STR-08	17	5.525
9.0	STR-09	17	5.525
Total		153	49.73

INVERTER STRING CONNECTION WITH 325 Wp			
pV	325 Wp	Inverter 07	
Sr.No.	String	No. of module per string	Capacity kWp
1.0	STR-01	17	5.525
2.0	STR-02	17	5.525
3.0	STR-03	17	5.525
4.0	STR-04	17	5.525
5.0	STR-05	17	5.525
6.0	STR-06	17	5.525
7.0	STR-07	17	5.525
8.0	STR-08	17	5.525
9.0	STR-09	17	5.525
Total		153	49.73

INVERTER STRING CONNECTION WITH 325 Wp			
pV	325 Wp	Inverter 08	
Sr.No.	String	No. of module per string	Capacity kWp
1.0	STR-01	19	6.175
2.0	STR-02	19	6.175
3.0	STR-03	19	6.175
4.0	STR-04	19	6.175
5.0	STR-05	18	5.850
6.0	STR-06	18	5.850
7.0	STR-07	18	5.850
Total		130	42.25

INVERTER STRING CONNECTION WITH 325 Wp			
pV	325 Wp	Inverter 09	
Sr.No.	String	No. of module per string	Capacity kWp
1.0	STR-01	17	5.525
2.0	STR-02	17	5.525
3.0	STR-03	17	5.525
4.0	STR-04	17	5.525
5.0	STR-05	17	5.525
6.0	STR-06	17	5.525
7.0	STR-07	17	5.525
8.0	STR-08	17	5.525
9.0	STR-09	17	5.525
Total		153	49.73



PROJECT:
SPV ROOF TOP SOLAR SYSTEM INSTALLATION

DRAWING TITLE:
LA & EARTHING LAYOUT

CONTRACTOR:

CONSULTANT:

DESIGN BY
SANI M. PFOZE
NEHRU PLACE

REV.	BY	CHK	DESCRIPTION	DATE
DRAWN: SMP	CHECKED: SCH	APPROVED: SKT		
SCALE: NTS	DATE: 23-03-18	PAGE NO. : 1/1		
DRAWING NO. : AUNRIHAR-JN-SPV-LAYOUT-001				REV. R0

LEGEND:		
S.No.	SYMBOL	DESCRIPTION
1.		PV MODULE 325Wp
2.		6°
3.		WALK-WAYS
4.		1000 & 2000MM [CLEARANCE]
5.		1C,4 SQMM,CU,XLPO CABLE
6.		4C, 35 SQMM,CU,AR.,XLPE CABLE.
7.		3.5C,120SQMM,AL,AR.,XLPE,CABLE.
8.		ESE-LIGHTNING ARRESTER
9.		EARTHING PIT
10.		EARTHING STRIPS

DRAWING ISSUED STATUS:

- A-PRELIMINARY DRAWING
- B-ISSUED FOR APPROVAL
- C-ISSUED FOR CONSTRUCTION
- D-AS BUILT

GENERAL NOTES-
1.ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
2.DIMENSIONS ARE TO BE READ NOT TO BE SCALED.
3.ALL DIMENSIONS MUST BE VERIFIED ON SITE BEFORE COMMENCING ANY WORK OR PREPARING ANY SHOP DRAWINGS IN CASE OF ANY DISCREPANCY, THE SAME SHOULD BE BROUGHT TO THE NOTICE OF THE DESIGN ENGINEER AND GOT CLARIFIED BEFORE EXECUTION OF WORK
4. ACTUAL DC CAPACITY MAY VARY BASED ON ACTUAL PLAN OF INSTALLATION
5. IT IS HIGHLY RECOMMENDED TO REFER EQUIPMENT INSTALLATION MANUAL BEFORE COMMENCING.