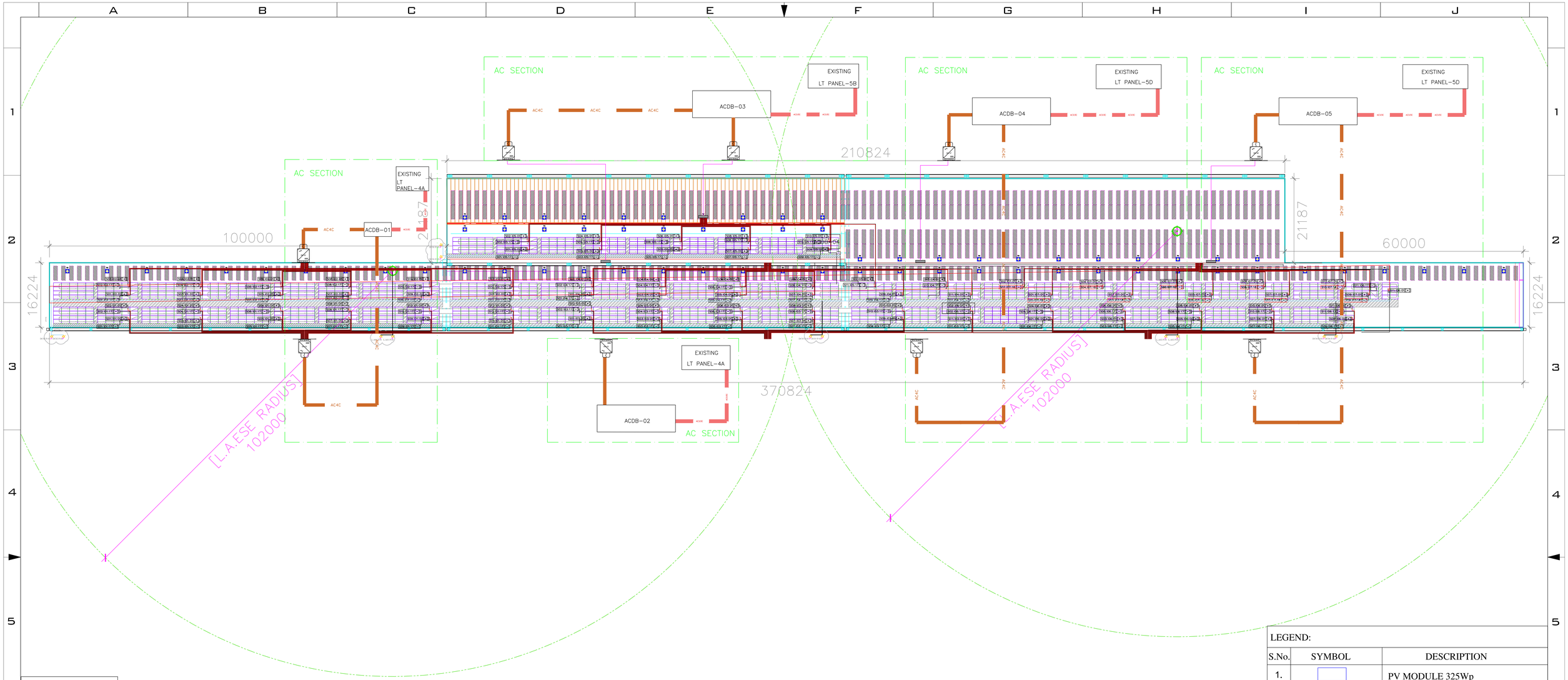

Building Azimuth 25°

ESTIMATED POWER- 440.0kWp

1.	MODULE ORIENTATION	SINGLE PORTRAIT
2.	MODULE TO MODULE GAP	30 mm
3.	TOTAL MODULE	1354
4.	TOTAL DC POWER	440.0kWp

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

String No. — S01:I01:O1+ — Polarity
Inverter No. No. of module per string

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

String No. — S01:I01:O1+ — Polarity
Inverter No. No. of module per string

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

String No. — S01:I01:O1+ — Polarity
Inverter No. No. of module per string

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

String No. — S01:I01:O1+ — Polarity
Inverter No. No. of module per string

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

String No. — S01:I01:O1+ — Polarity
Inverter No. No. of module per string

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

String No. — S01:I01:O1+ — Polarity
Inverter No. No. of module per string

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

String No. — S01:I01:O1+ — Polarity
Inverter No. No. of module per string

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

String No. — S01:I01:O1+ — Polarity
Inverter No. No. of module per string

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

String No. — S01:I01:O1+ — Polarity
Inverter No. No. of module per string

LEGEND:

S.No.	SYMBOL	DESCRIPTION
1.		PV MODULE 325Wp
2.	ROOF TILT	6°
3.		WALK-WAYS
4.	O&M/RNM	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.

KEY PLAN:

PROJECT:

SPV ROOF TOP SOLAR SYSTEM INSTALLATION

CONTRACTOR:

CONSULTANT:

DESIGN BY SANI M. PFOZE
NEHRU PLACE

DRAWING TITLE:

MASTER LAYOUT

REV.	BY	CHK	DESCRIPTION	DATE

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