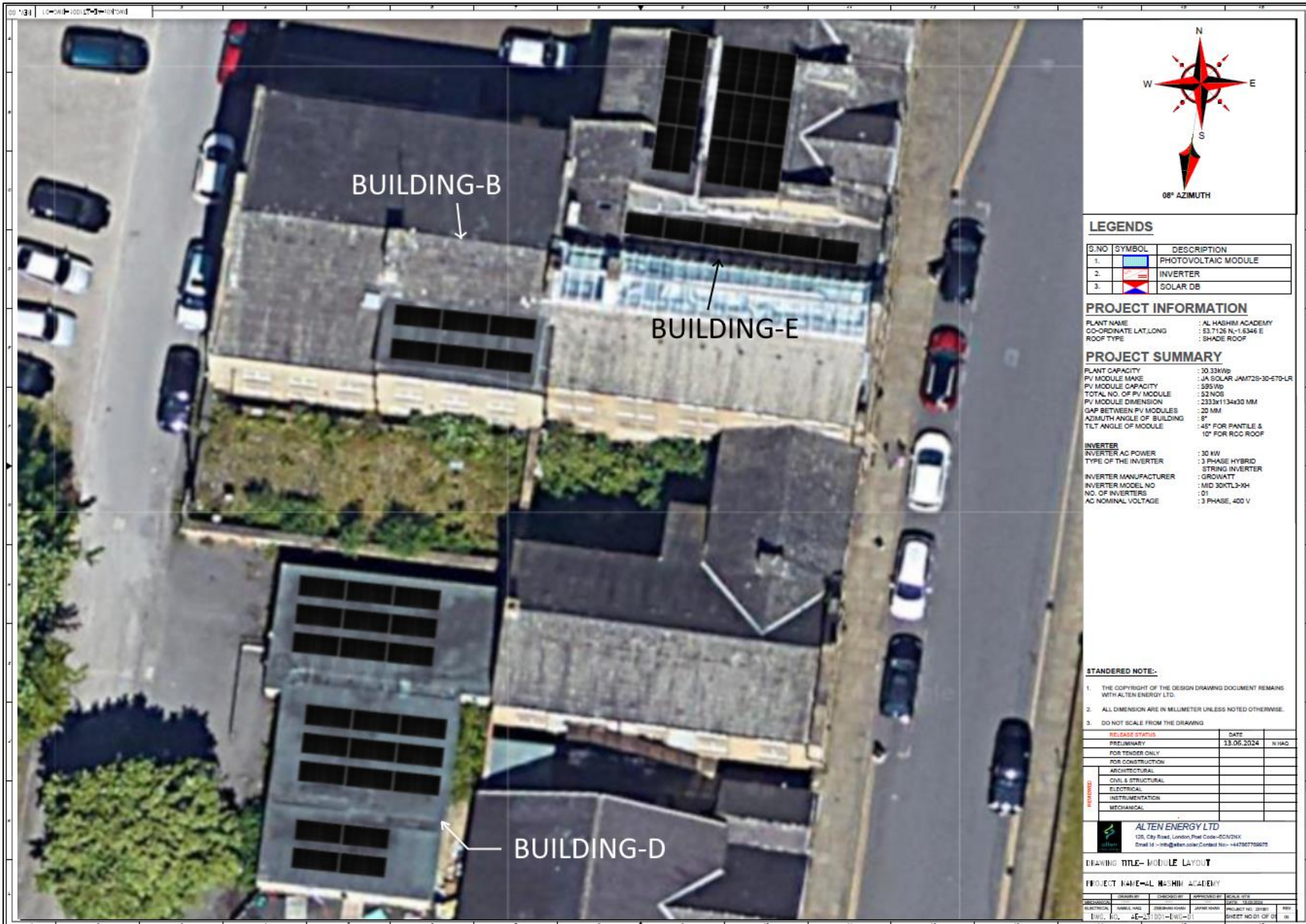




### LEGENDS

| S.NO | SYMBOL | DESCRIPTION         |
|------|--------|---------------------|
| 1.   |        | PHOTOVOLTAIC MODULE |
| 2.   |        | INVERTER            |
| 3.   |        | SOLAR DB            |

### PROJECT INFORMATION

PLANT NAME : AL HASHIM ACADEMY  
CO-ORDINATE LAT, LONG : 53.7125 N, -1.5346 E  
ROOF TYPE : SHADE ROOF

### PROJECT SUMMARY

PLANT CAPACITY : 30.33KWp  
PV MODULE MAKE : JA SOLAR JAM72S-30-570-LR  
PV MODULE CAPACITY : 595 Wp  
TOTAL NO. OF PV MODULE : 52 NOS  
PV MODULE DIMENSION : 2333x1134x30 MM  
GAP BETWEEN PV MODULES : 20 MM  
AZIMUTH ANGLE OF BUILDING : 8°  
TILT ANGLE OF MODULE : -45° FOR PANTILE & 10° FOR RCC ROOF

INVERTER  
INVERTER AC POWER : 30 KW  
TYPE OF THE INVERTER : 3 PHASE HYBRID STRING INVERTER  
INVERTER MANUFACTURER : GROWATT  
INVERTER MODEL NO : MID 30KTL3-3H  
NO. OF INVERTERS : 01  
AC NOMINAL VOLTAGE : 3 PHASE, 400 V

### STANDARDER NOTE:-

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| FOR CONSTRUCTION   |            |       |
| ARCHITECTURAL      |            |       |
| CIVIL & STRUCTURAL |            |       |
| ELECTRICAL         |            |       |
| INSTRUMENTATION    |            |       |
| MECHANICAL         |            |       |

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DRAWING TITLE- MODULE LAYOUT

PROJECT NAME-AL HASHIM ACADEMY

| MECHANICAL         | ELECTRICAL       | INSTRUMENTATION  | ARCHITECTURAL    | CIVIL & STRUCTURAL | DATE | BY |
|--------------------|------------------|------------------|------------------|--------------------|------|----|
| DESIGNED BY        | CHECKED BY       | APPROVED BY      | SCALE            | DATE               |      |    |
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| SHEET NO. 01 OF 01 |                  |                  |                  |                    |      |    |