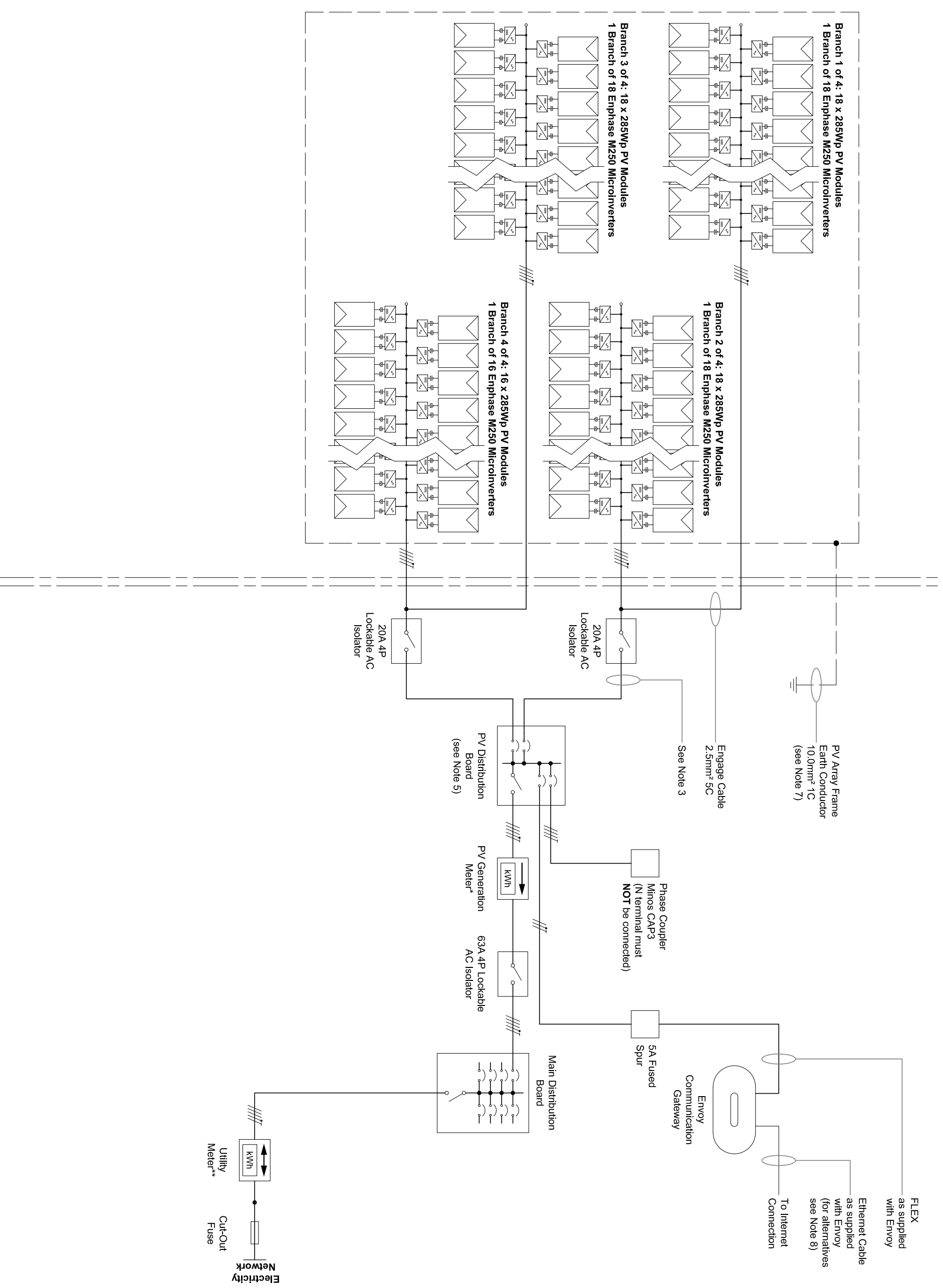


ROOF - PV SYSTEM

PLANT ROOM



NOTES:

1. **IMPORTANT:** Prior to installing any solar equipment, check the L to N voltage at the point of connection. The voltage for the 230V rated microinverters must be within acceptable range (207 to 253V).
2. All wiring and equipment designed and to be installed in accordance with the latest edition of BS 7671 and be signed off by registered Competent Person.
3. AC cable (Engage cable termination to MCB) cable length & CSA to be determined using the latest edition of BS7671. **Total AC voltage drop/rise not to exceed 1%.**
4. DNO may require phase monitoring. Additional equipment maybe required in order to shut down system in the event of failure of one or more phases.
5. Typically each three phase Engage cable branch is terminated into a 3 pole 20A Type C MCB.
6. It is recommended that the Minos CAP3 Phase Coupler is terminated into a 3 pole 6A Type C MCB.
7. PV Array Frame Earth Conduction maybe required for protective equipotential bonding. Check conditions on site.
8. W-Fi connectively available using optional USB W-Fi dongle.

* Customer's privately owned MID approved generation meter (non-settlement), Load side of meter to be connected to Main Distribution Board.
 ** Meter operator's import/export meter (settlement).

—□— MCB-4 Connector

START UP SEQUENCE

1. Ensure all PV system MCB's are set to 'ON'.
2. Turn 'ON' all lockable AC Isolators and wait 3 minutes for microinverter system to start up.
3. A flashing green LED on each microinverter indicates all is OK. The Envoy display also indicates power generation & communication with the microinverters.

SHUT DOWN SEQUENCE

1. Turn 'OFF' all lockable AC Isolators.
- It is recommended the main AC isolator is locked in the 'OFF' position while working on any part of the system.

This drawing is to show the use of Enphase Energy products.

DRAWING NO.: EE-070xM250 GB	DRAWING NAME: Example Electrical Schematic 70 x 285Wp PV Module (3 Branch x 18) + (1 Branch x 16) x M250 Enphase Microinverter (GB)	
REV.: -	SHEET: 1 of 1	SCALE: NTS @A3
DWN BY: ND	CHK BY: MB	DATE: 17/1/14