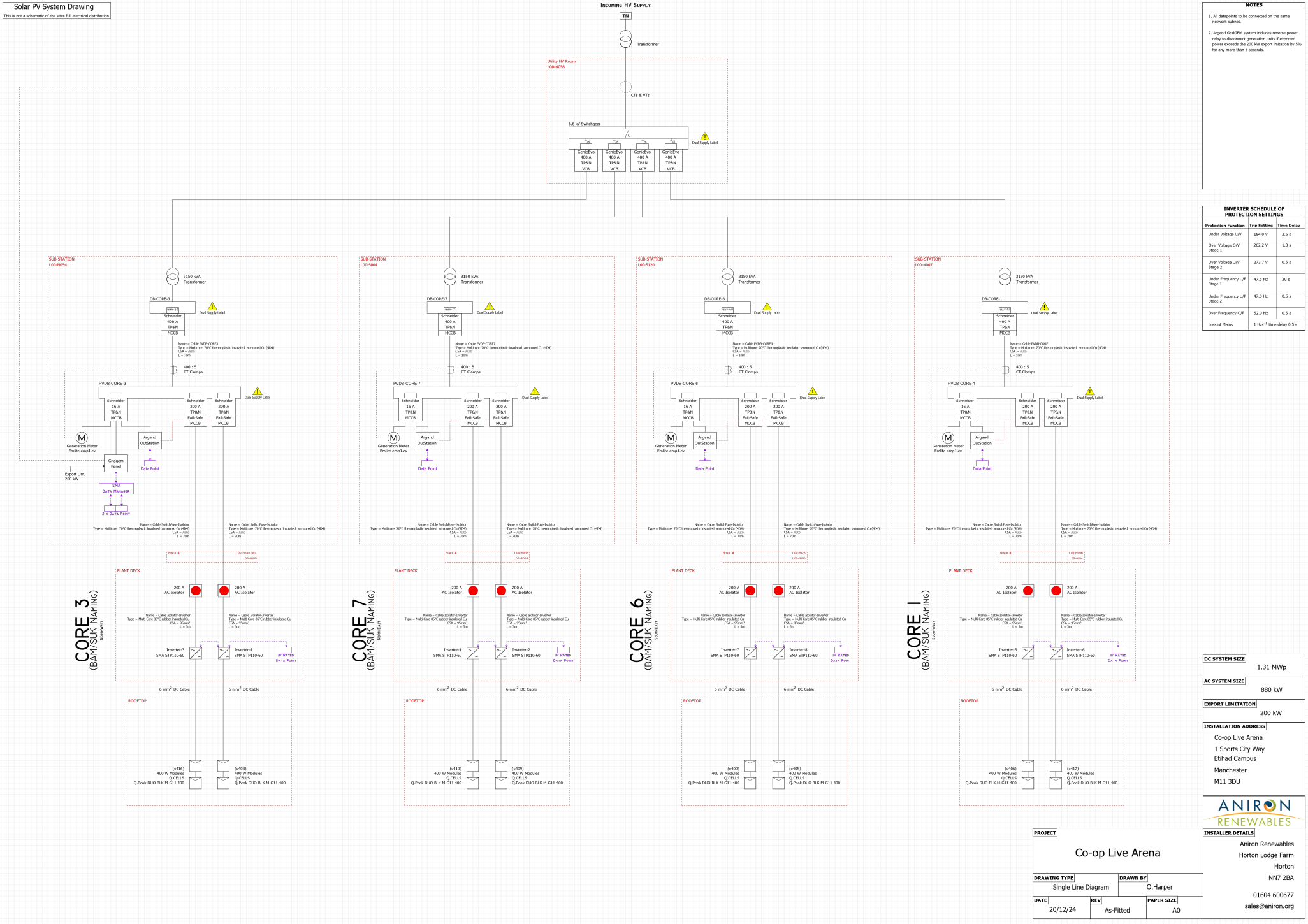
Solar PV System Drawing

This is not a schematic of the sites full electrical distribution.



NOTES

1. All datapoints to be connected on the same network subnet.
2. Argand GridGEM system includes reverse power relay to disconnect generation units if exported power exceeds the 200 kW export limitation by 5% for any more than 5 seconds.

INVERTER SCHEDULE OF PROTECTION SETTINGS

Protection Function	Trip Setting	Time Delay
Under Voltage U/V	184.0 V	2.5 s
Over Voltage O/V Stage 1	262.2 V	1.0 s
Over Voltage O/V Stage 2	273.7 V	0.5 s
Under Frequency U/F Stage 1	47.5 Hz	20 s
Under Frequency U/F Stage 2	47.0 Hz	0.5 s
Over Frequency O/F	52.0 Hz	0.5 s
Loss of Mains	1 Hzs $^{-1}$ time delay	0.5 s

DC SYSTEM SIZE	1.31 MWp
AC SYSTEM SIZE	880 kW
EXPORT LIMITATION	200 kW

INSTALLATION ADDRESS

Co-op Live Arena
1 Sports City Way
Etihad Campus
Manchester
M11 3DU

ANIRON RENEWABLES

PROJECT	Co-op Live Arena
DRAWING TYPE	Single Line Diagram
DRAWN BY	O.Harper
DATE	20/12/24
REV	As-Fitted
PAPER SIZE	A0

INSTALLER DETAILS

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