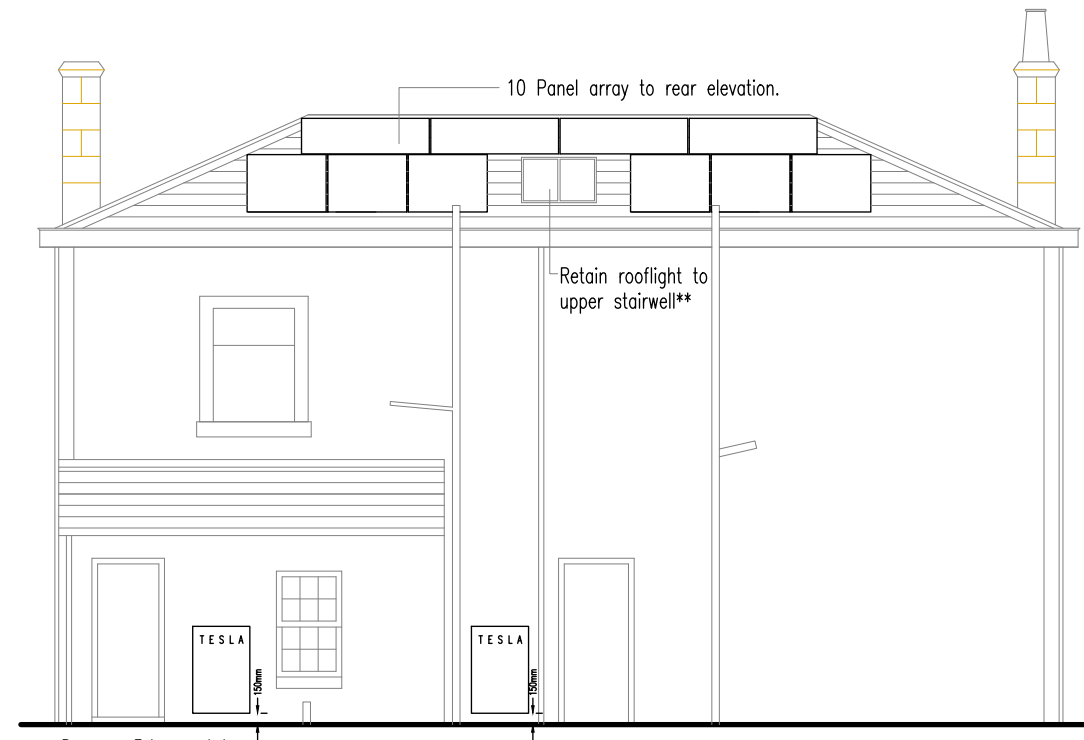




Front Elevation.

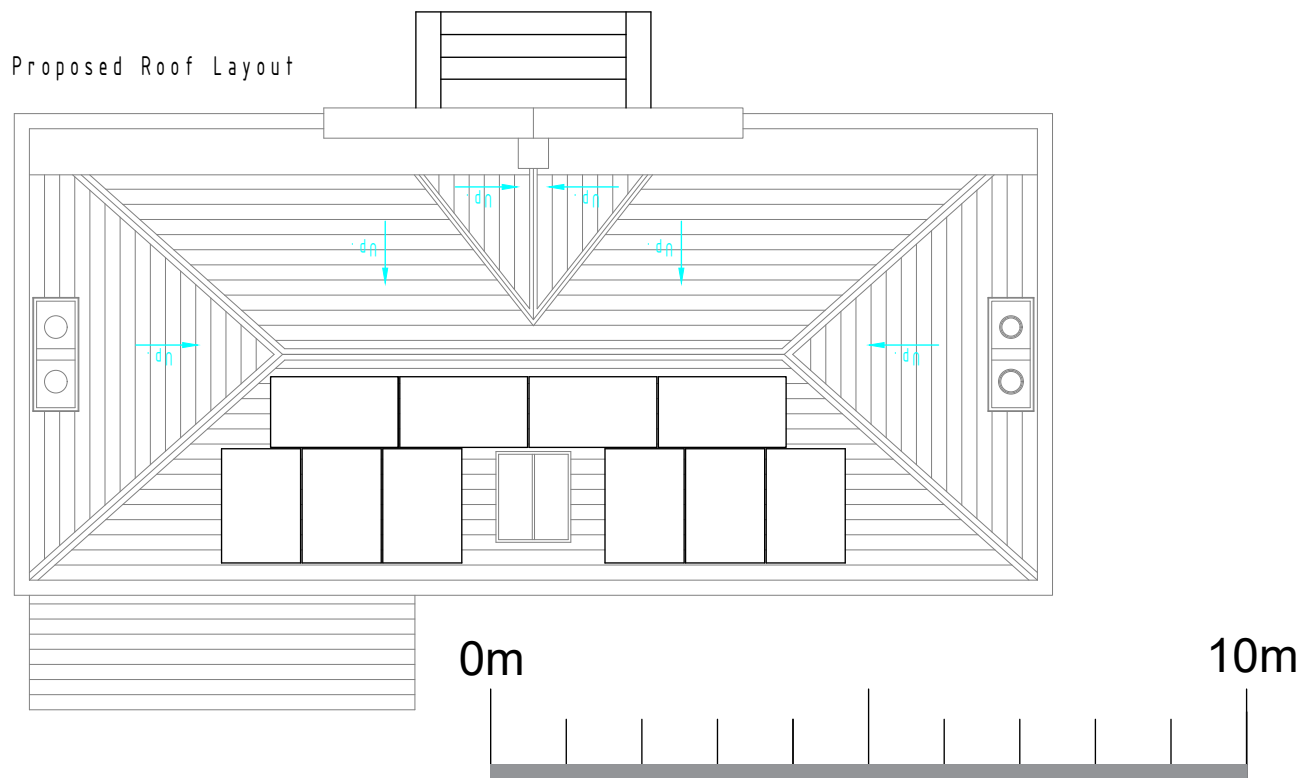


Rear Elevation.

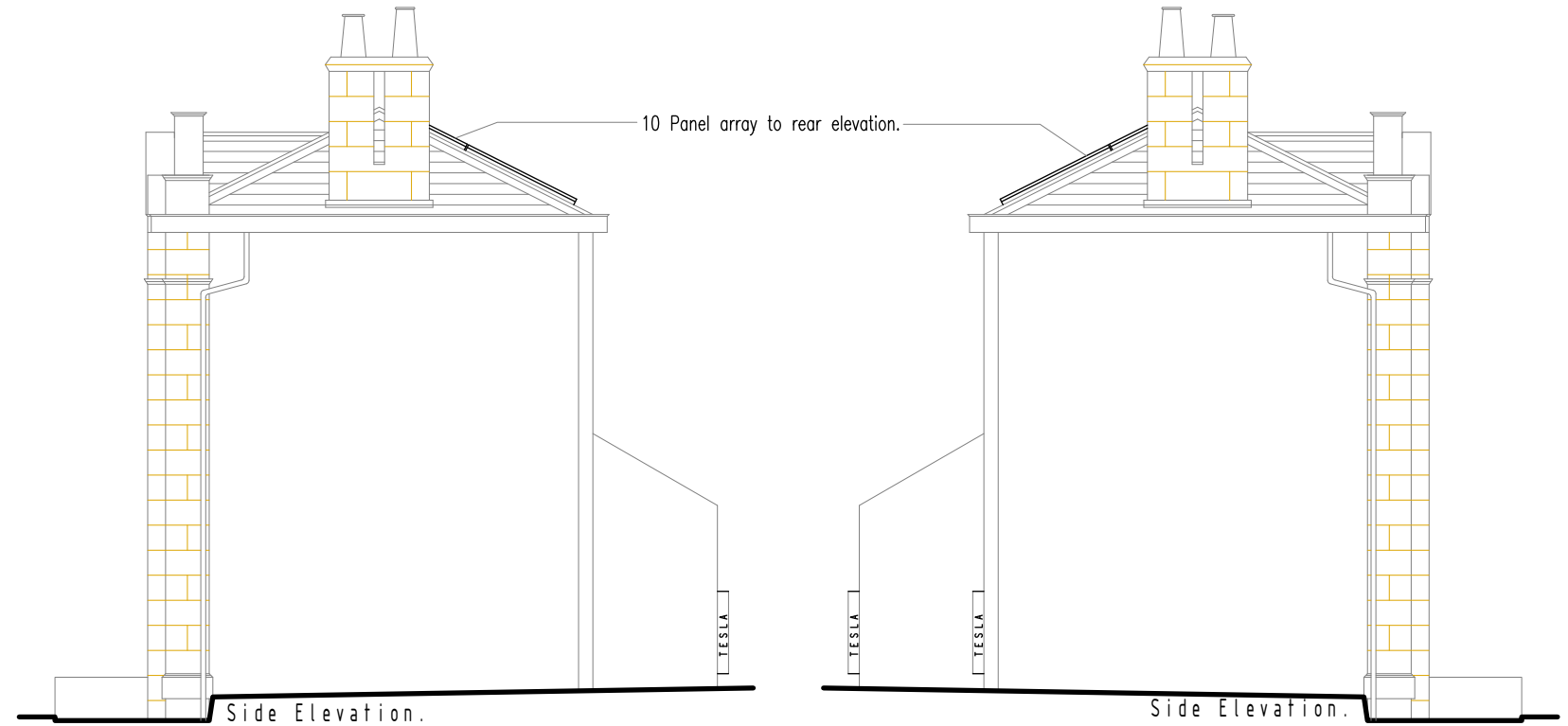
Installation of 10No. Sunpower SPR-MAX3-375-BLK (all black) solar PV panels to the rear roof elevations of 33 / 33A main Street, Bannockburn to provide each flat with a 5 panel array and the installation of 2 No. externally mounted battery storage systems on the rear elevations with each flat being served by one battery storage system. *Position of battery's shown on elevations.*

It is currently a requirement under the Energy Efficiency Standards for Social Housing 1(ESSH1) that all social landlord in Scotland must seek to ensure that their properties meet minimum energy efficiency standards by December 2020. The property has optimum insulation measures and an energy efficient heating system but still fails to meet ESSH1 requirements. In addition, it is also a requirement by the Scottish Government that all social landlords in Scotland achieve a minimum RdSAP rating of 'B' under the new ESSH2 standards by 2032. The installation of solar PV and Battery Storage will ensure that the property will meet both the ESSH1 and ESSH2 standards and eliminate the energy efficiency of the property as a driver for fuel poverty.

Proposed Roof Layout



Scale 1:100



Side Elevation.

Side Elevation.

Title
Proposed installation of PV Panels 33 & 33a
Main Street, Bannockburn.
(Former James Wilson Academy)

| | | | | | |
|---------|-------|---------|-----|---------|---|
| Job No. | - | Dwg No. | 003 | Rev | A |
| Scale | 1:100 | Date | | Drawn | S |
| | | | | Checked | - |

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Stirling Council