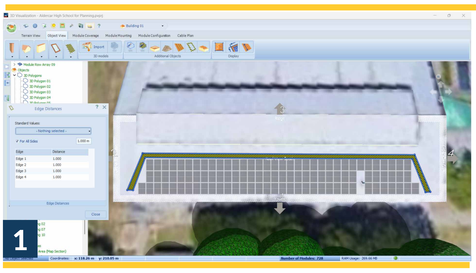
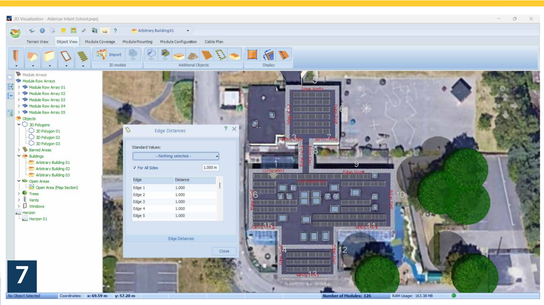


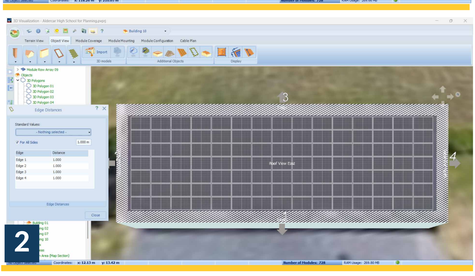


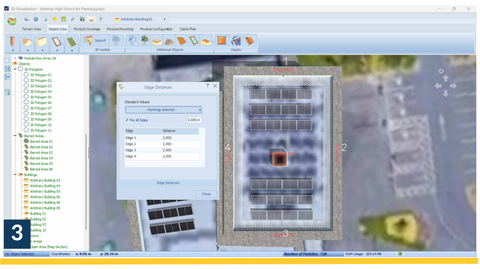
Proposed design on the roofs of Aldercar Infant and Nursery and High School

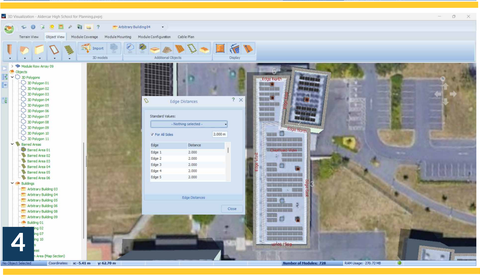
One metre margin compliant design

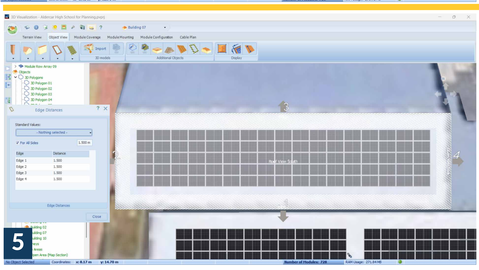


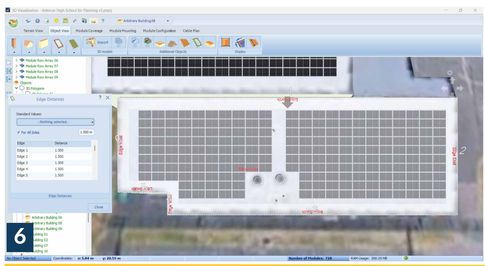












Permitted Development

As per the Town and Country Planning Act: Class J – installation or alteration of solar equipment on non-domestic premises, an installation having a capacity of more than 50kWp is considered permitted development subject to certain criteria, namely-

- Roof edge distances of one metre margin
- The solar equipment on the flat roof is not higher than 1 metre above the highest part of the roof (06 Roof cross section).

In order to ensure that our design is adhering to these criteria of permitted development we are providing the above images and drawings: 06 Roof cross section.

The above images are from our PV design simulation tool where you can assign edge distances. The panels cannot go beyond the assigned edged distances (white shaded area). For the flat roofs the panels will have a tilt of 10 degrees, thereby creating a distance of 0.27 or 0.29m from the roof plane to the top of the panel (see 06 Roof cross section drawing) and for the sloped roofs, the panels willbe aligned according to the existing pitch of the roof not protruding beyond 0.2 metres (see 06 Roof cross section). .