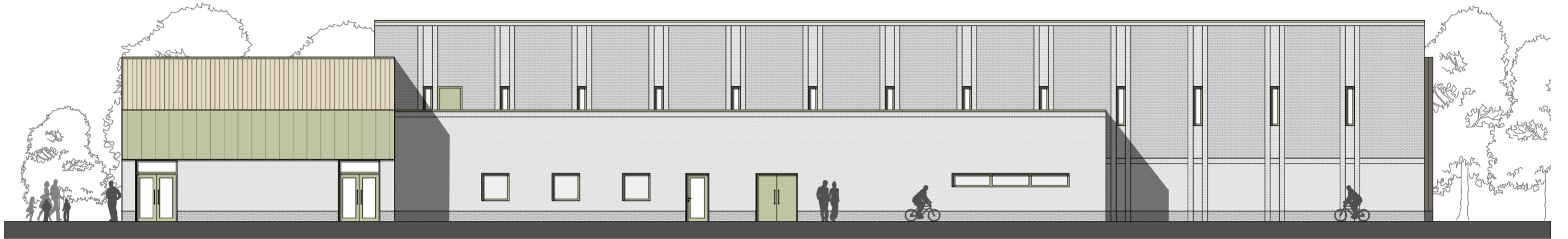




South Elevation | NTS



North Elevation | NTS



East Elevation | NTS



West Elevation | NTS



Key Plan | NTS

**Acoustics**

Acoustic considerations have been crucial in the design of the new school to mitigate the impact of noise due to the Royal Air Force's presence in Lakenheath, to provide a fit-for-purpose learning environment for young people. Due to the complexity of the acoustic constraints, Adrian James Acoustics and Clarke Saunders Acoustics have been appointed to interrogate noise levels surrounding the new site and to provide solutions to help mitigate the effect of noise within the school. An example of such measures are as follows:

- L shaped building footprint facing away from RAF Lakenheath and the adjacent road.
- Thicker external and internal wall construction.
- Triple glazing.
- Acoustic lobbies to external doors.

**Net Zero**

To support Suffolk County Council's aim to achieve net zero buildings, the proposal will be designed to achieve net zero emissions by 2030 and to comply with the existing BREEAM Policy.

