

FIRE STRATEGY STATEMENT FOR 135B RIVERVIEW ROAD, EWELL KT19 0JR by Alex Imlach

Application description

Residential conversion of existing garage used in association with house, to a studio dwelling. With one car space

Fire risks

External car charger and mobility scooter. Gas boiler. closeness to boundary.

Design solution

The building is close to boundary and has no openings near boundary, and the roof is protected with fireproof mineral wool on eaves. The openings in walls are all on the front facing the street with easy access to escape to the street.

The car charger and mobility scooter chargers are at front, externally mounted so that any electrically charged scooters or cars are kept away from living spaces.

The internal spaces are interconnected and all on ground floor so escape is easy from the windows and doors.

The design of the building complies with building regulations including means of escape. Wall insulation is all fire proof materials and internal ceiling is plasterboard with no recessed openings to protect the insulation in the roof.