

NOISE IMPACT ASSESSMENT

Specsavers, Unit 4B Cables Retail Park, Prescot, Merseyside L34 5NQ

1.0 INTRODUCTION

This statement is in support of the above site for:

Full Planning: Proposed installation of internal mezzanine to increase sales area & proposed installation of 5 AC condenser units, to rear elevation

Use: The unit is situated within the Cables Retail Park in Prescot. It is currently a vacant retail unit within the shopping centre. Following the refurbishment works, the unit will trade as Specsavers Opticians, remaining retail use.

2.0 NOISE IMPACT ASSESMENT

There are no clear residential properties in direct close proximity as the site is a large shopping centre. There is however an end of terrace house, that has had its proximity queried by the council, but it sits over 35 meters away to the north-west and is screened by a tall brick wall, trees and a car park area. See photos below which indicate this.

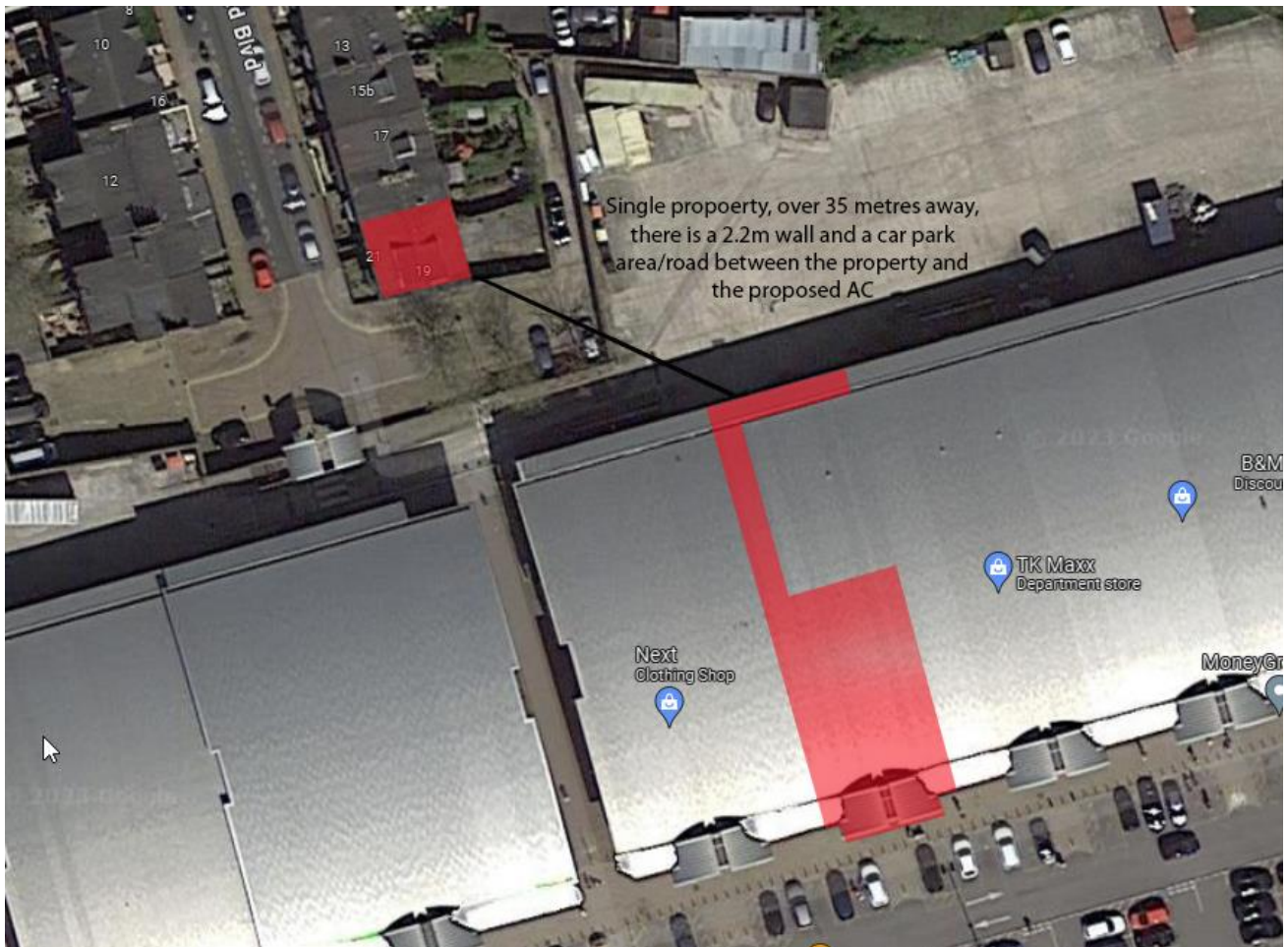


Photo shows a single property but it is over 35m away, with a wall, trees and a car park between.

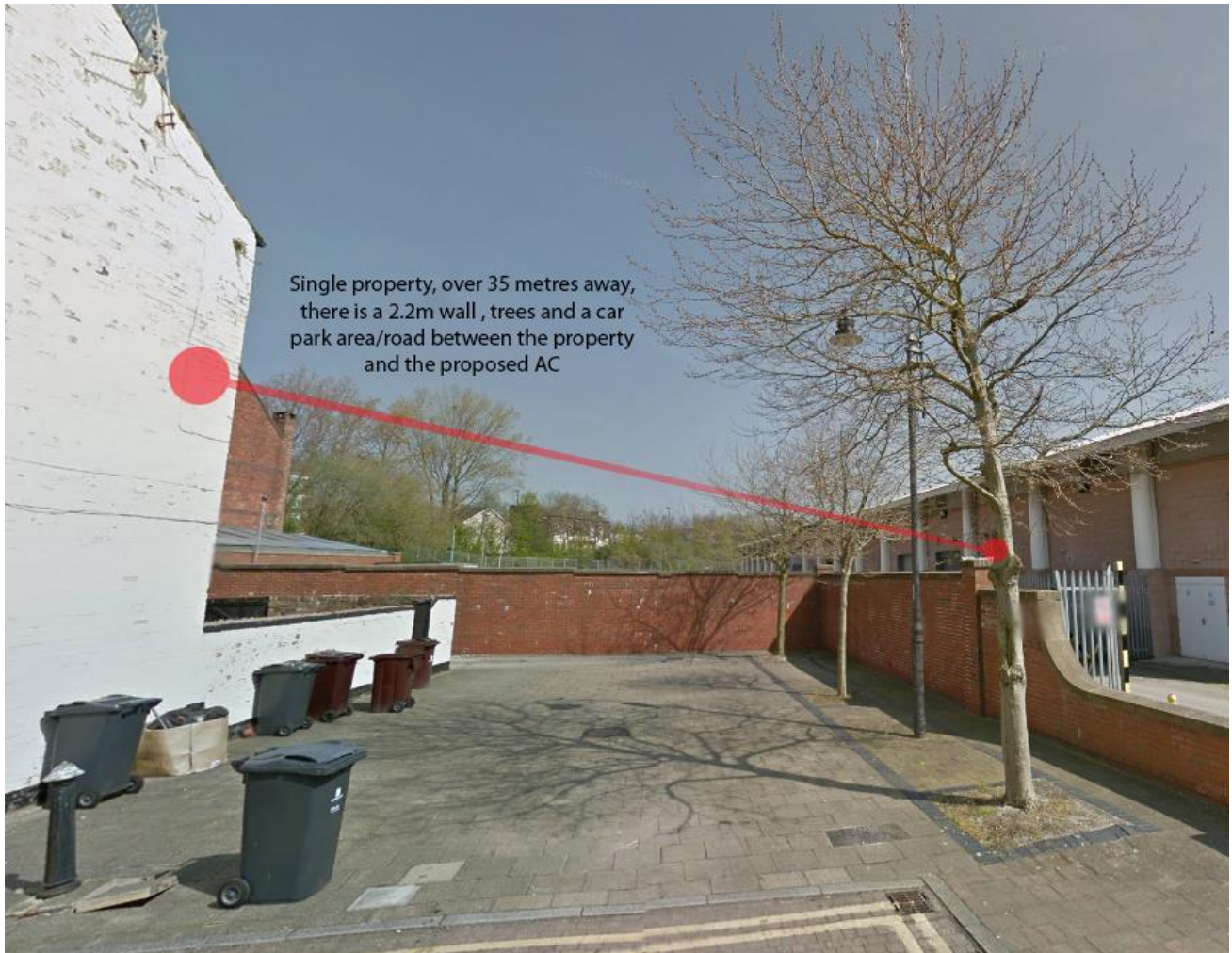


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The area the units will be located in is a shared service area/access area/car park, which is a noisy area throughout the day with vehicles coming and going regularly.

The proposed units are modern designs, but small-scale installations, with a low sound pressure (max 70 dBA) which is similar to that of a domestic dish washer's output, so will clearly operate below any background noise levels in such a busy service area.

The units operate intermittently, only functioning when heating or cooling, therefore they are not operational for much of the day. Furthermore, the proposed AC will only be operational during working hours (08:00am – 18:30pm) and will not be operational overnight.

Due to the proposed AC condenser units careful positioning, at the rear of the property within the busy service area, and with the mitigating factor of them only being operational during trading hours, it is our belief that the proposed AC condenser units noise output will not have a detrimental effect on any surrounding commercial or residential properties, and we feel no additional surveys are required in this instance.

Please visit the Daikin website for the technical information and sound data for each individual unit, or see AC Drawings for specification information, which is set out in the tables.