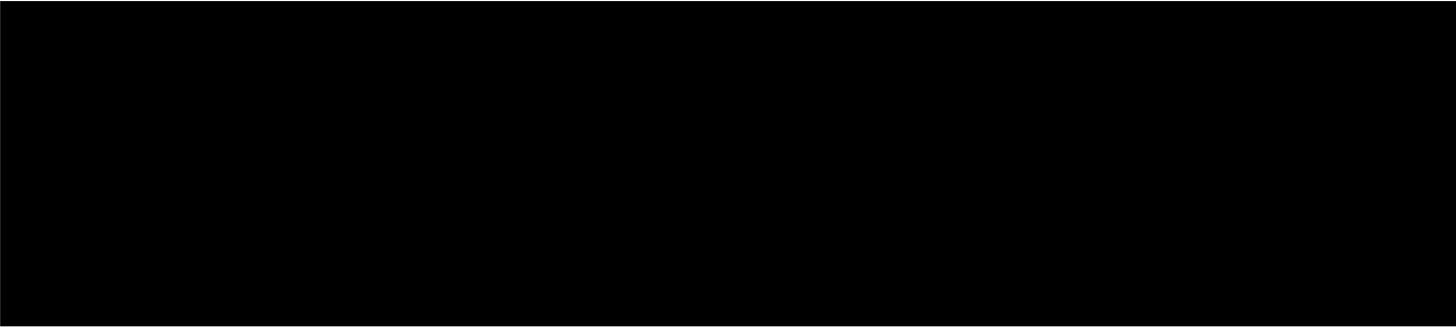
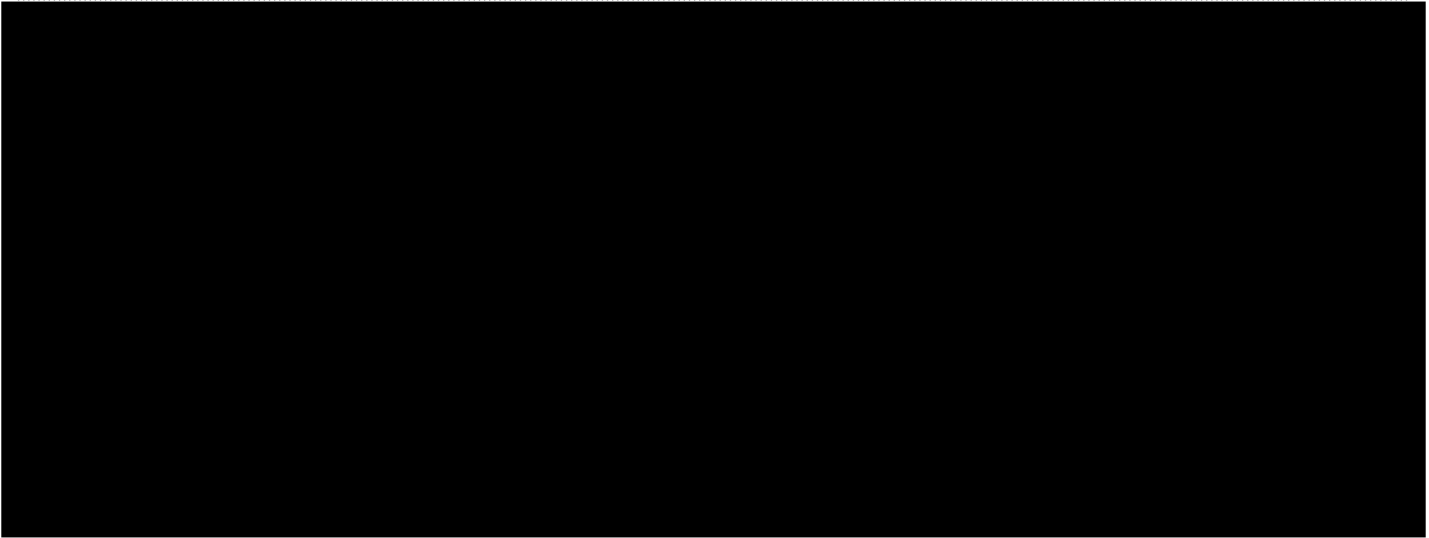


From: Christopher Davis
Sent: 29 August 2018 11:04
To: Simon Davis
Subject: P/49/18/HH
Importance: High

Good Morning Simon

I have looked through the plans and researched internal lift design in domestic settings. There will always be concern over noise transmission through the party wall however the lift shaft should be installed by a competent engineer with total isolation from the party wall [in that the shaft will be ground bolted and top bolted]. It goes without saying that the lift should be fully mounted with suitable absorptive materials (as per the manufacturers guidelines) to minimise any resonance transmission into neighbouring premises.

If installed correctly, such lift systems should be no louder than, for example, a 'Stannah' stair lift rail system fitted to a staircase on a party wall.

There are two variations of lift, a 'traction' model and a 'hydraulic' model. The hydraulic model will be the quieter of the two as the motor housing is separate from the lift shaft structure and can be isolated well away from the party wall in a separate acoustically housed structure / area within the home.

For these reasons, I have **no objections** to this application but would appreciate the applicant supplying the EH dept. / planning with the full details of the lift to be installed along with the competent company who will be installing the unit.

Kind regards

Christopher Davis
Environmental Health Officer
Environmental Health Department

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www.arun.gov.uk/eh

