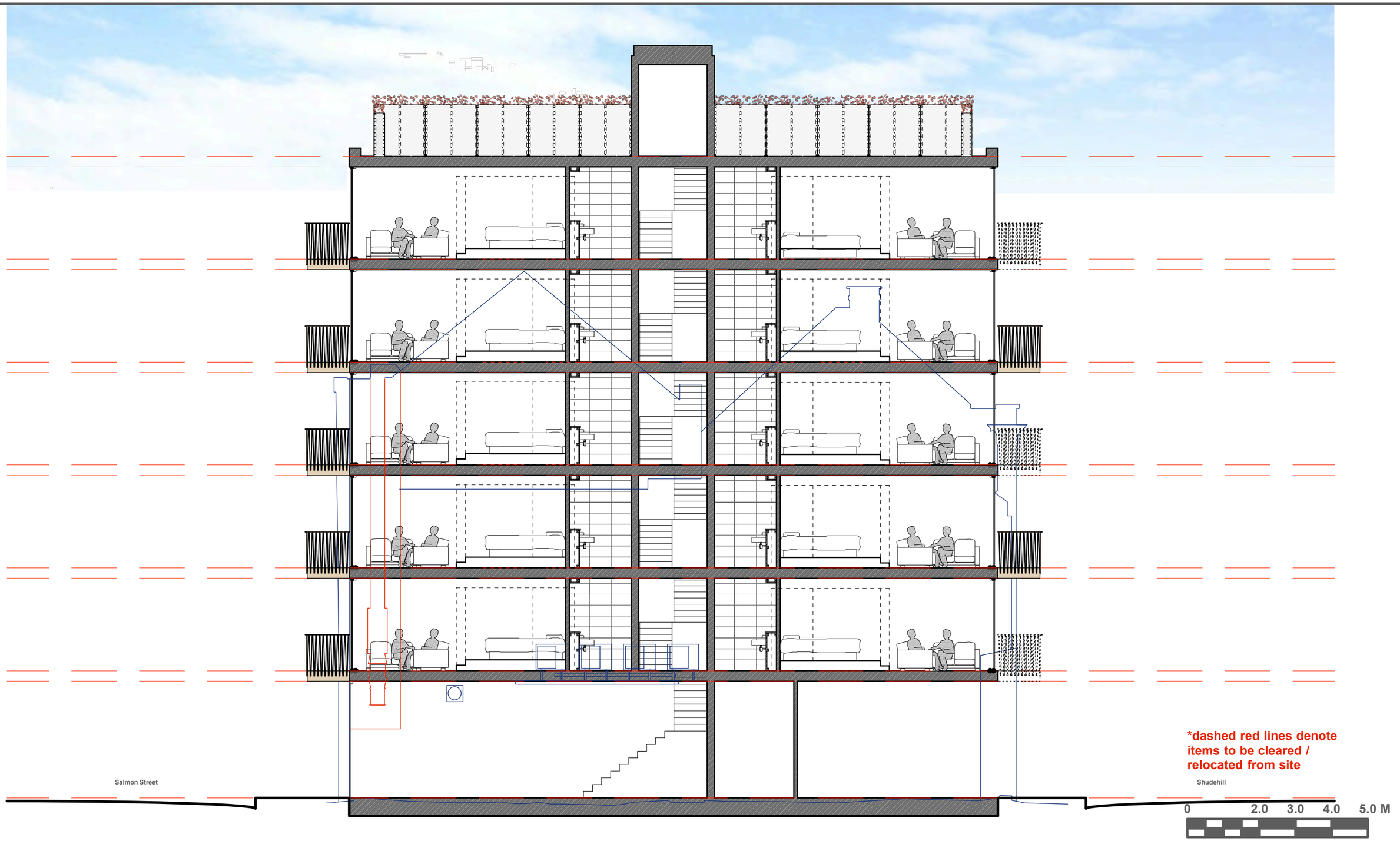

The m&e system
- The system is a vent axia MVHR [mechanical ventilation with heat recovery] whole house ventilation system
- The system operates constantly on a trickle vent and has booster setting when more air is needed [if for example one is cooking]
- Routes are as noted on the section
- The ventilation unit is located in the garage
- Ducts exit the building at low level to the rear courtyard [see section left]

Other measures of noise insulation
- Window are a double glazed ideal combi system [note with whole house ventilation trickle vents can be omitted - thus stopping any acoustic bleed through the vents]

Conclusion
- The system has been chosen is it has a very high efficiency co efficent of approx 92% [far exceeding building regulation requirement]
- In real terms this means are running cost of approximately £40 / year. Moreover the heat recovery aspect of the unit means money saved in heating means the unit runs cost neutral.
- Filters are simply cleaned under a tap every 3 months and filters changed every 3 years [not a requirement but recomended]
- The above to be read in conjunction with Acoustic report by Lighthouse Acoustics

snookarchitects

10 Duke street
Liverpool
L1 5AS

t: 0151 707 0100

PLANNING ISSUE

project:	**SALMON STREET**
dwg no:	**116.E**
dwg title:	**X SECTION BB**
scale:	**1:100 @A3**
date:	**24.04.2018**

do not scale from this drawing
all dimensions are to be checked on site prior to commencing works on site. discrepancy found between information given on this drawing and that given elsewhere or recorded on site shall be notified immediately to the project architect in writing