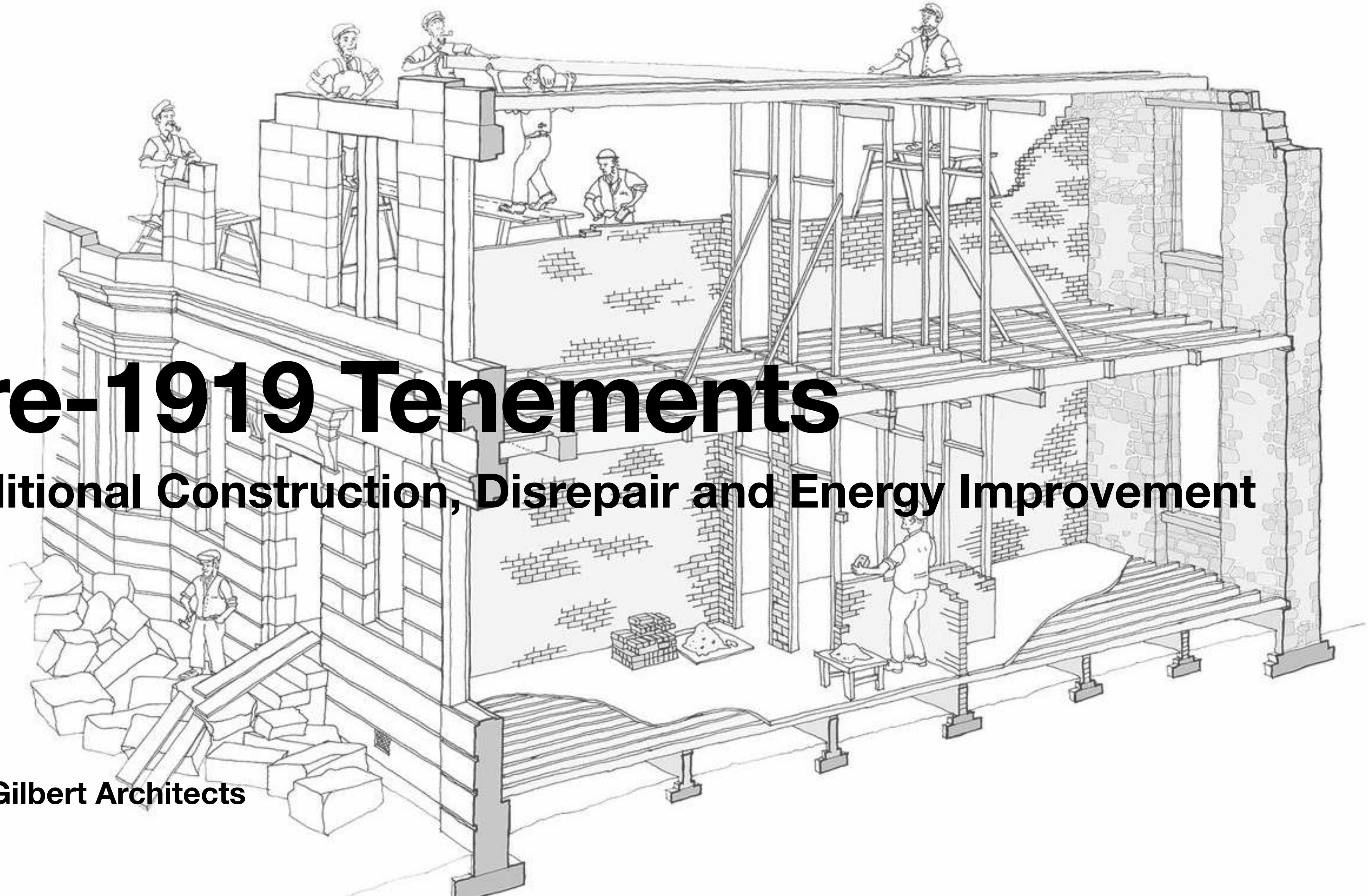


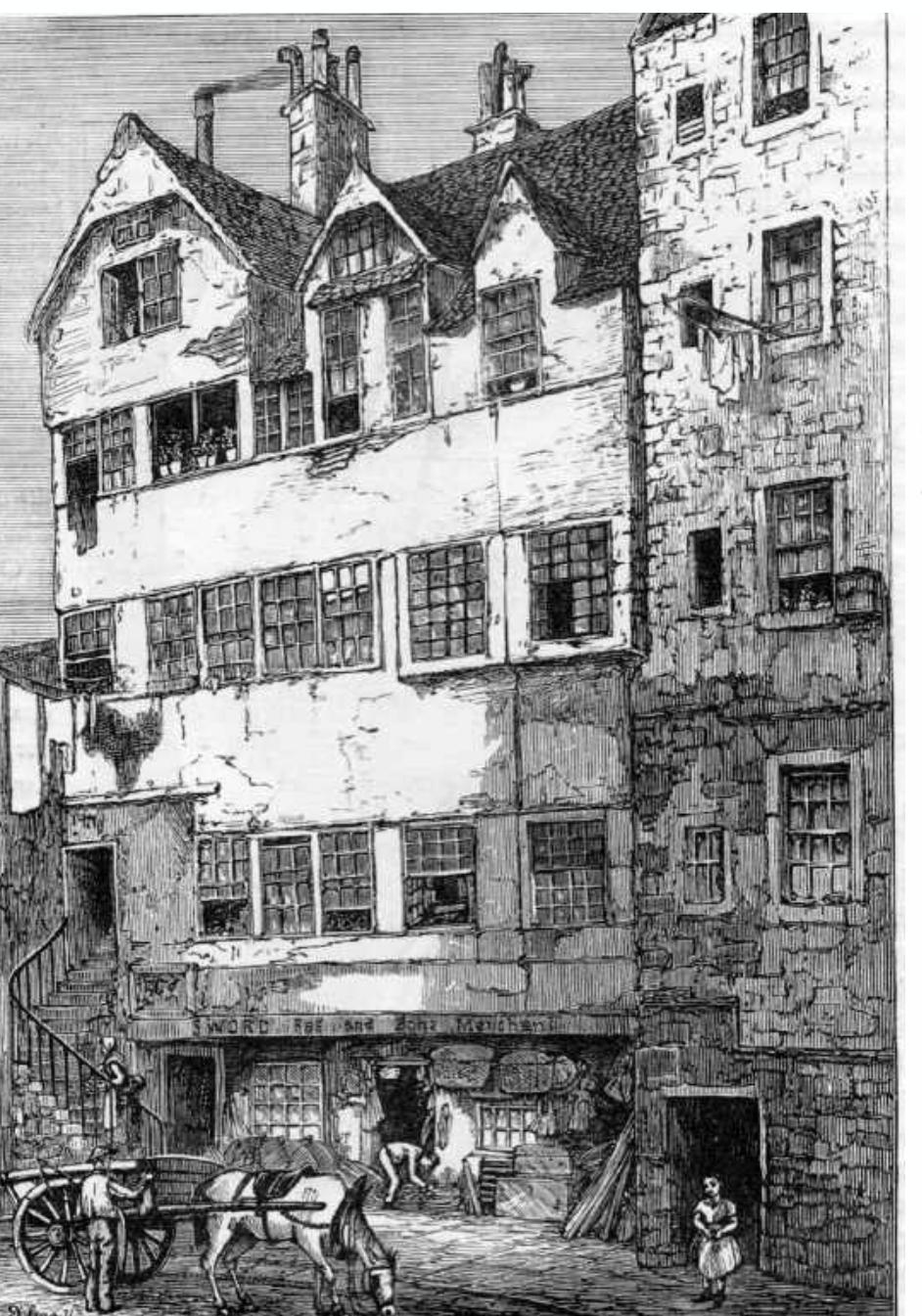
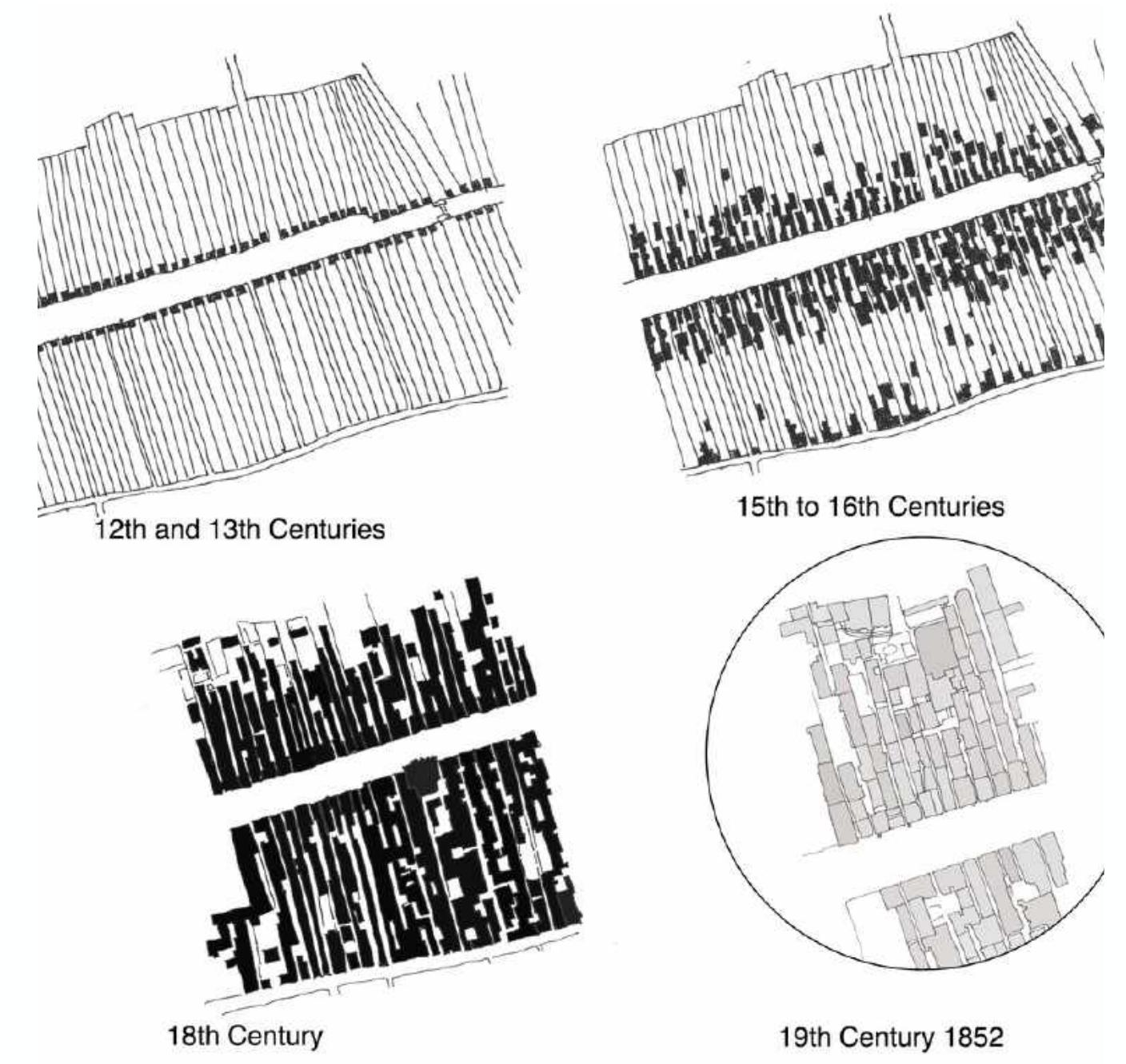
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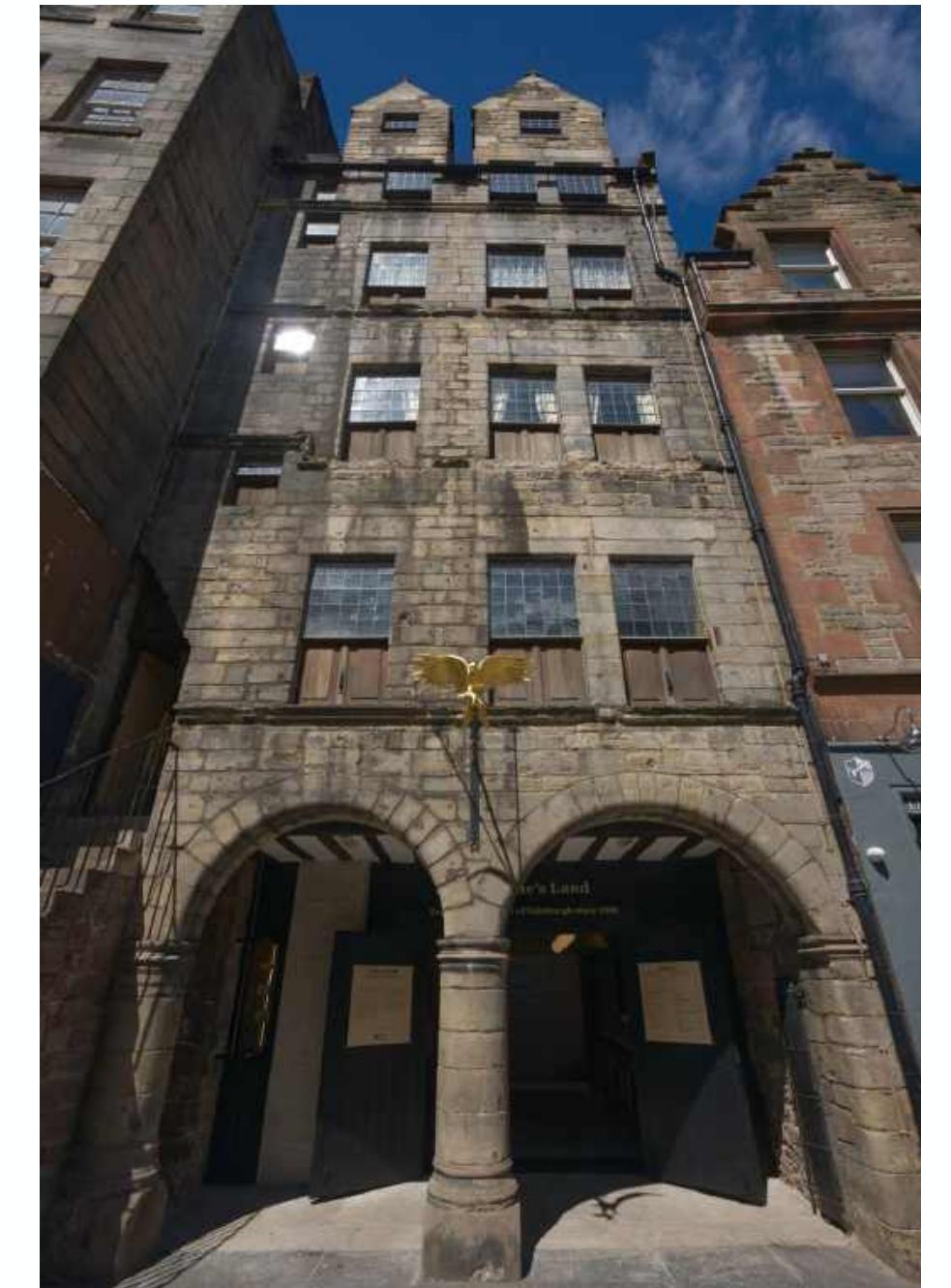
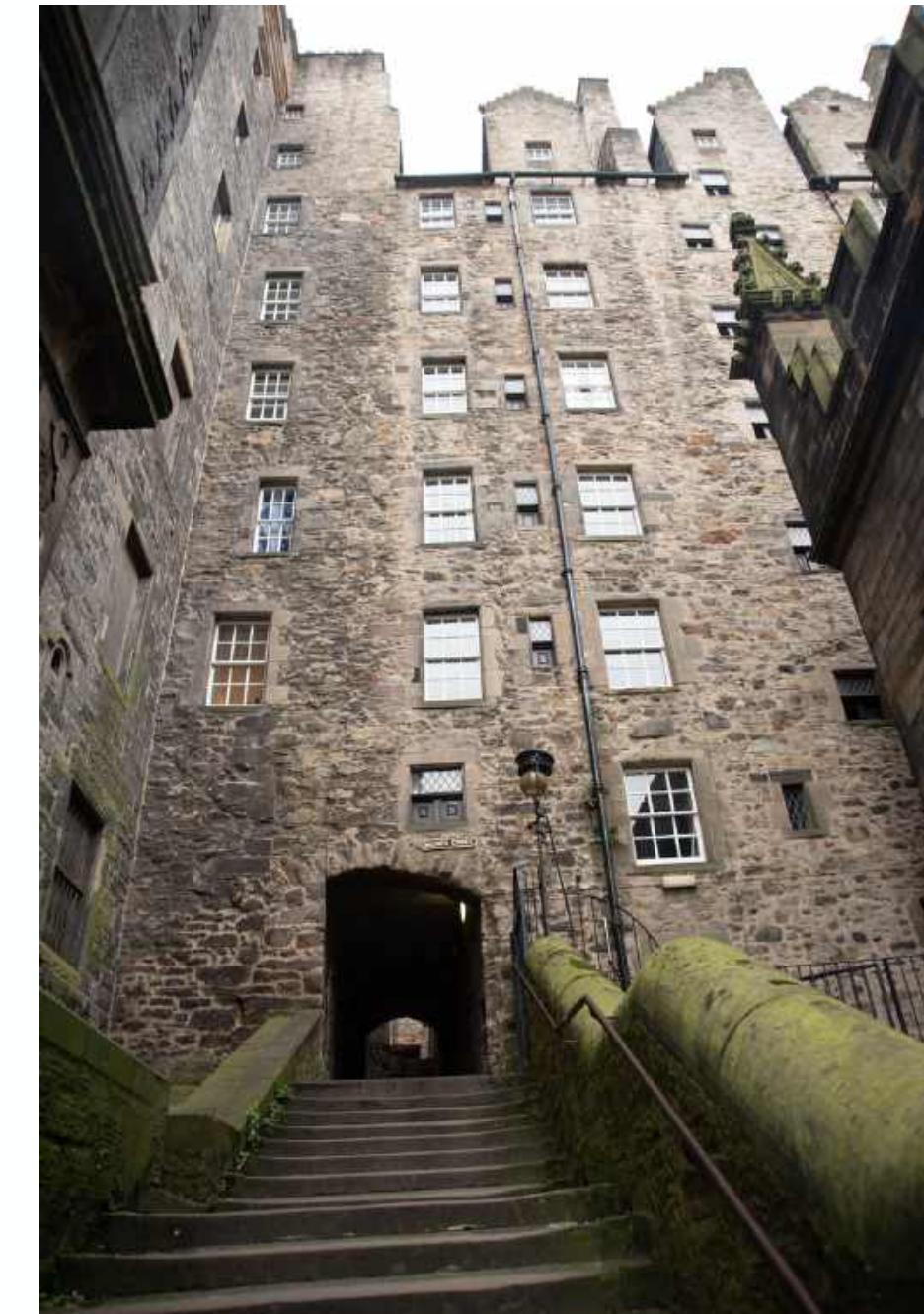


- **Introductions**
- **The History and Construction of Tenements**
- **Typical Defects in Tenement Construction**
- **<Tea Break>**
- **The Sustainable Retrofit of Tenements**
- **Questions and Discussion**



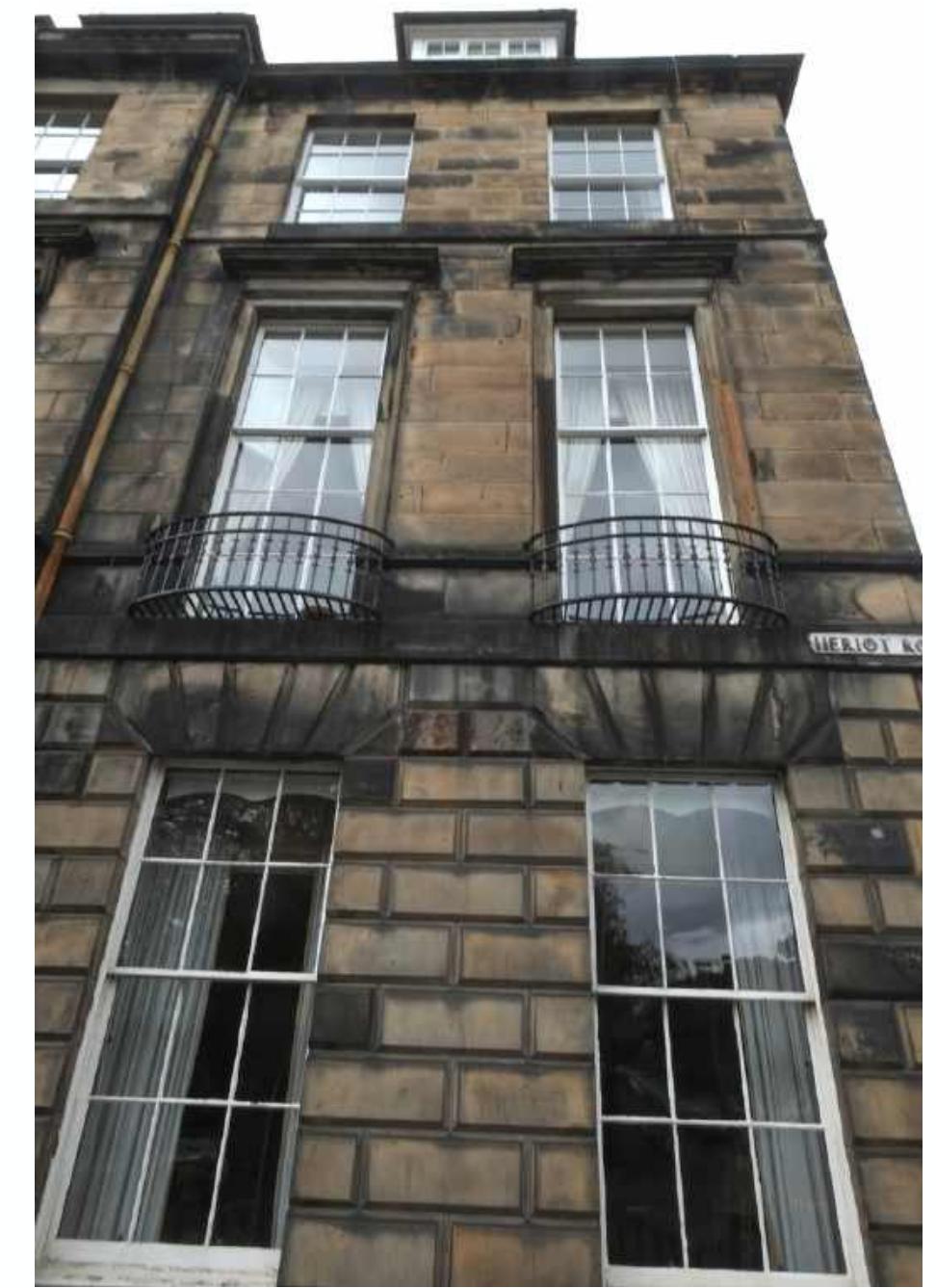
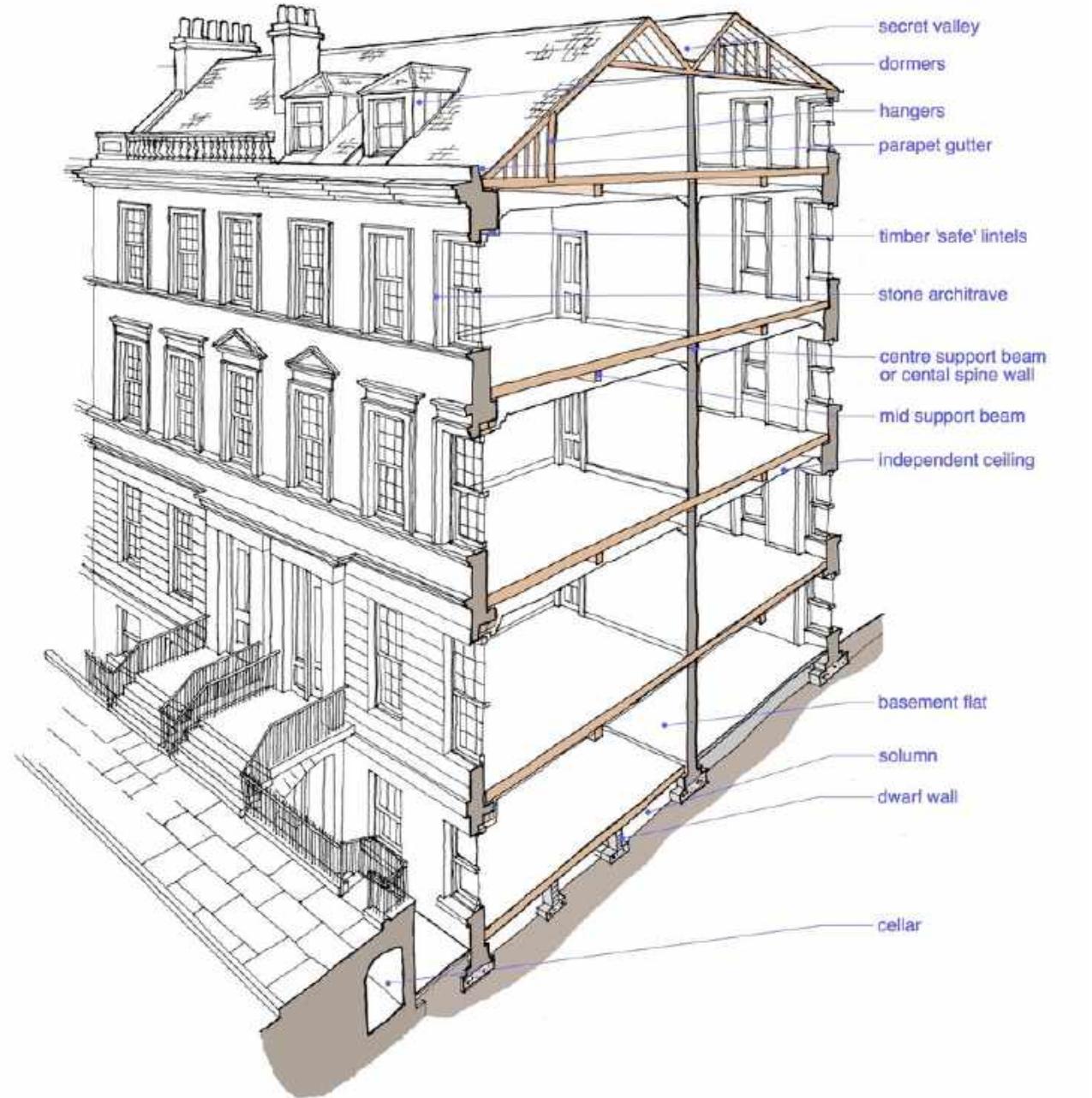
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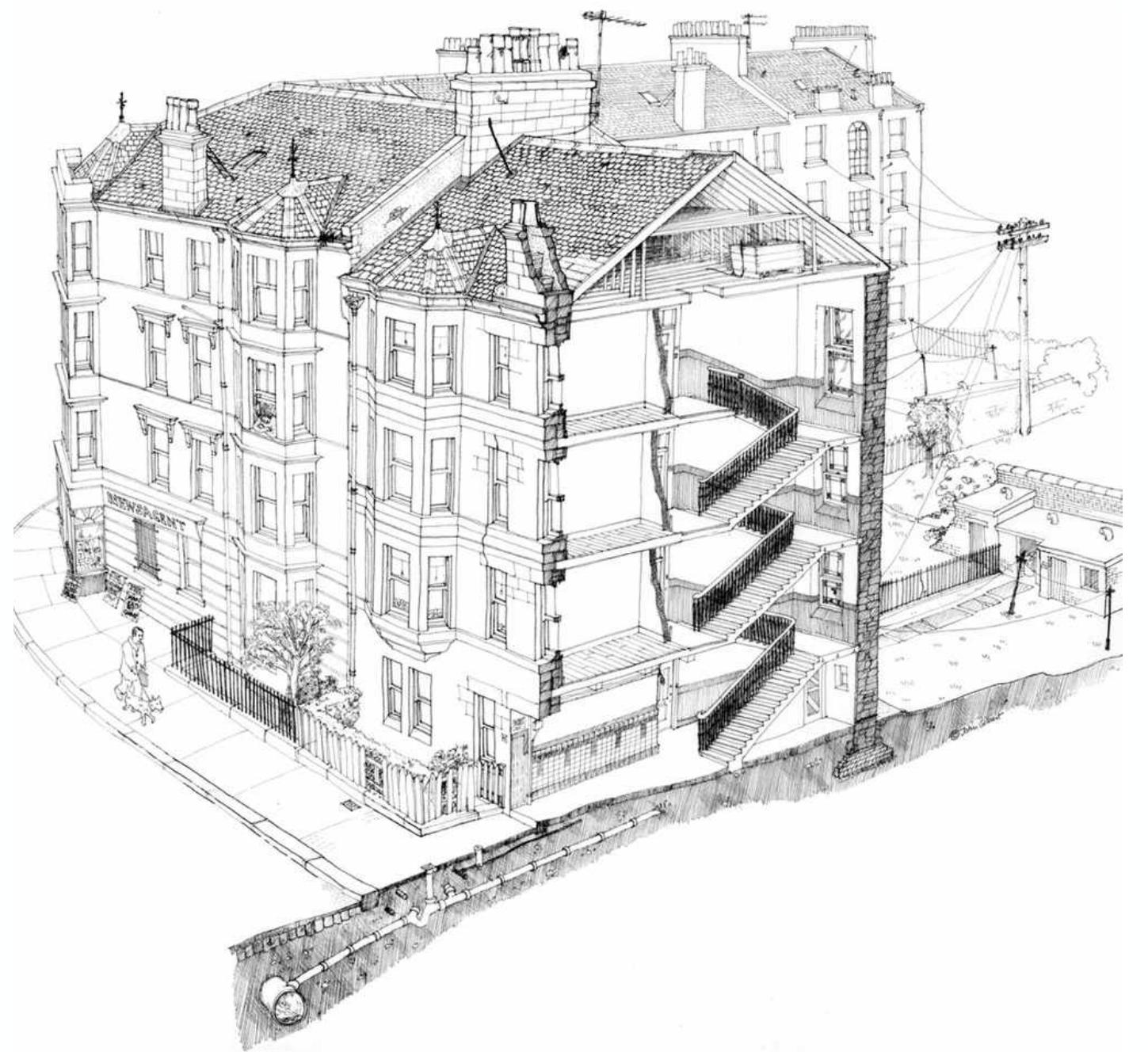
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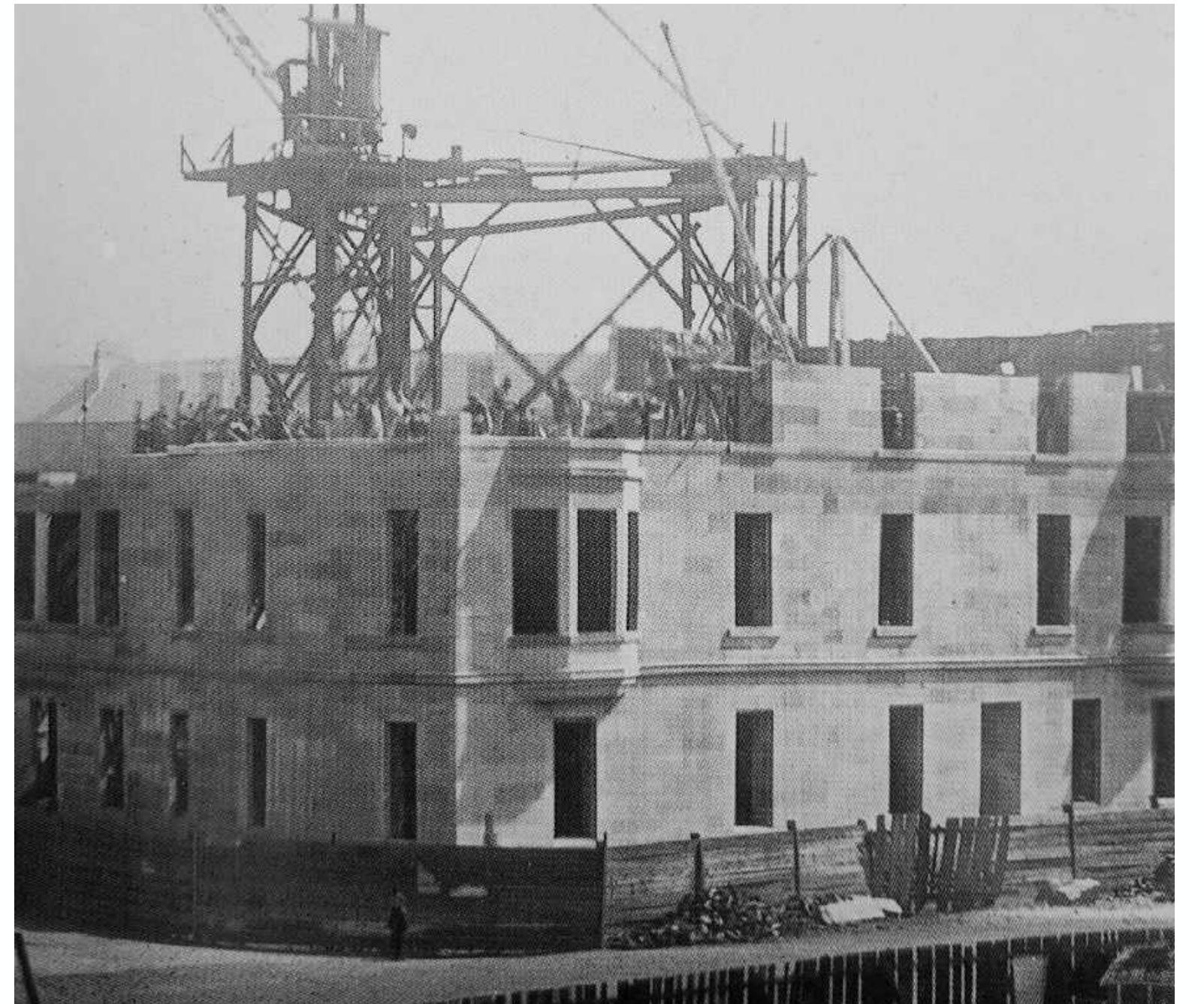
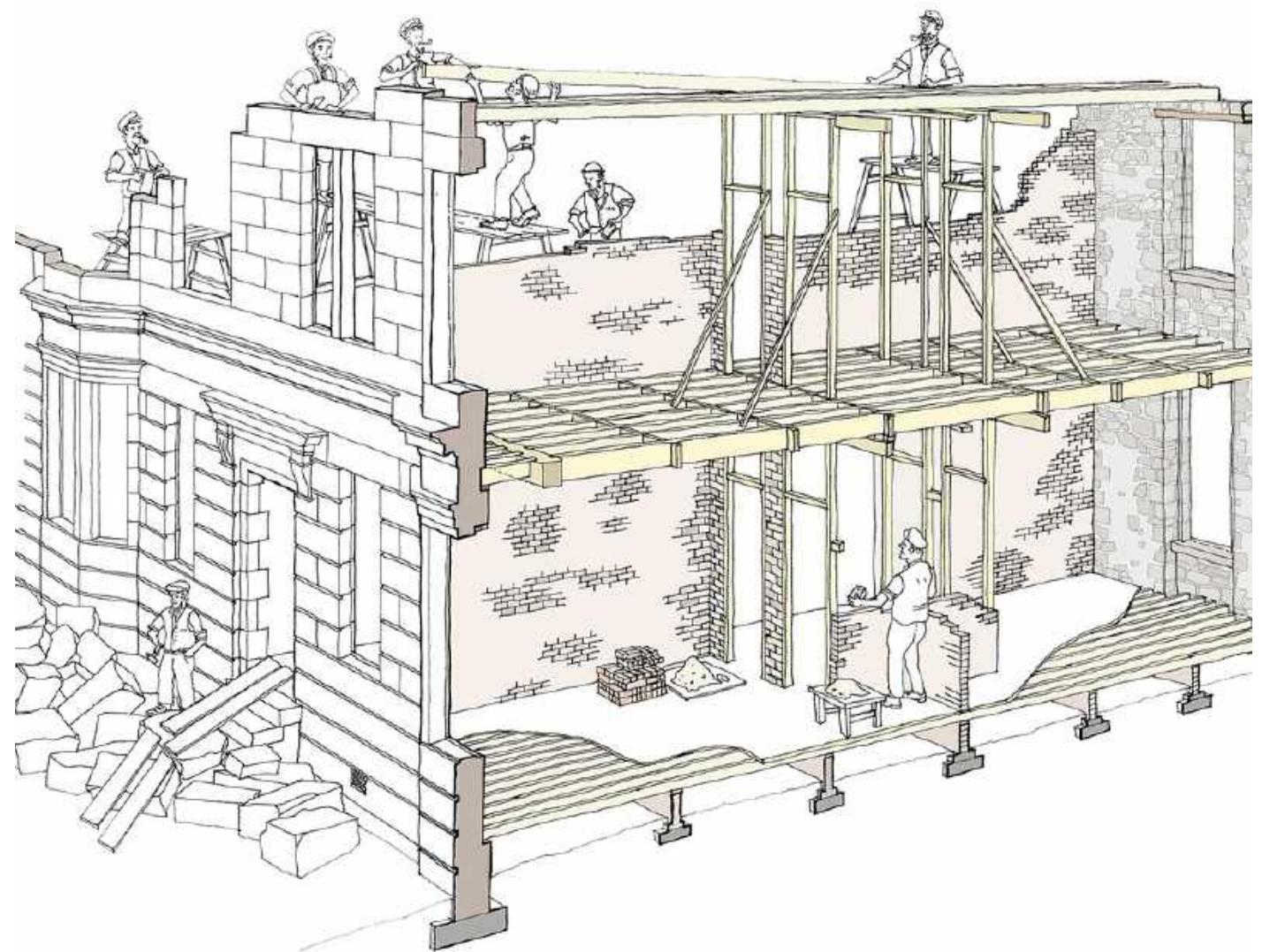
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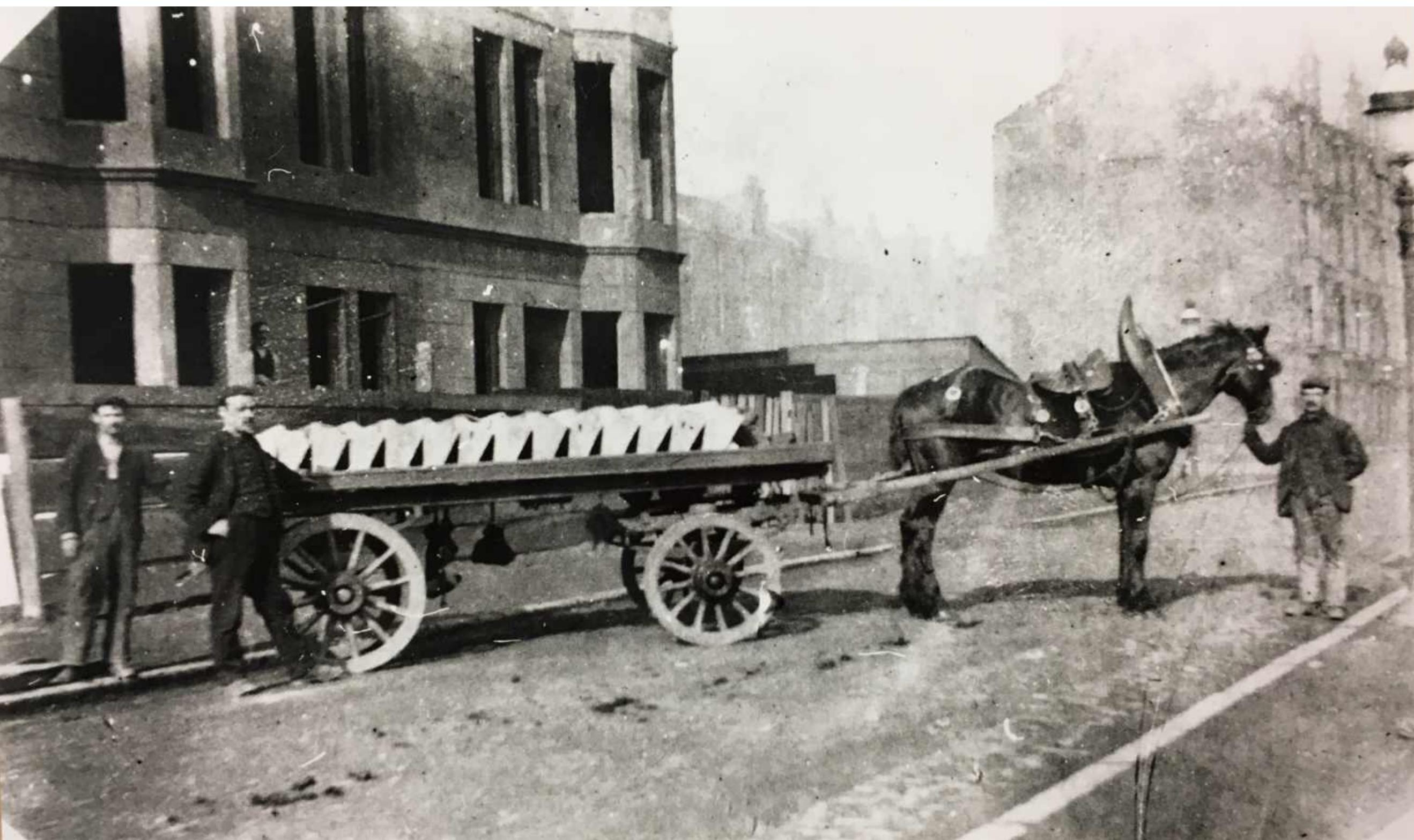
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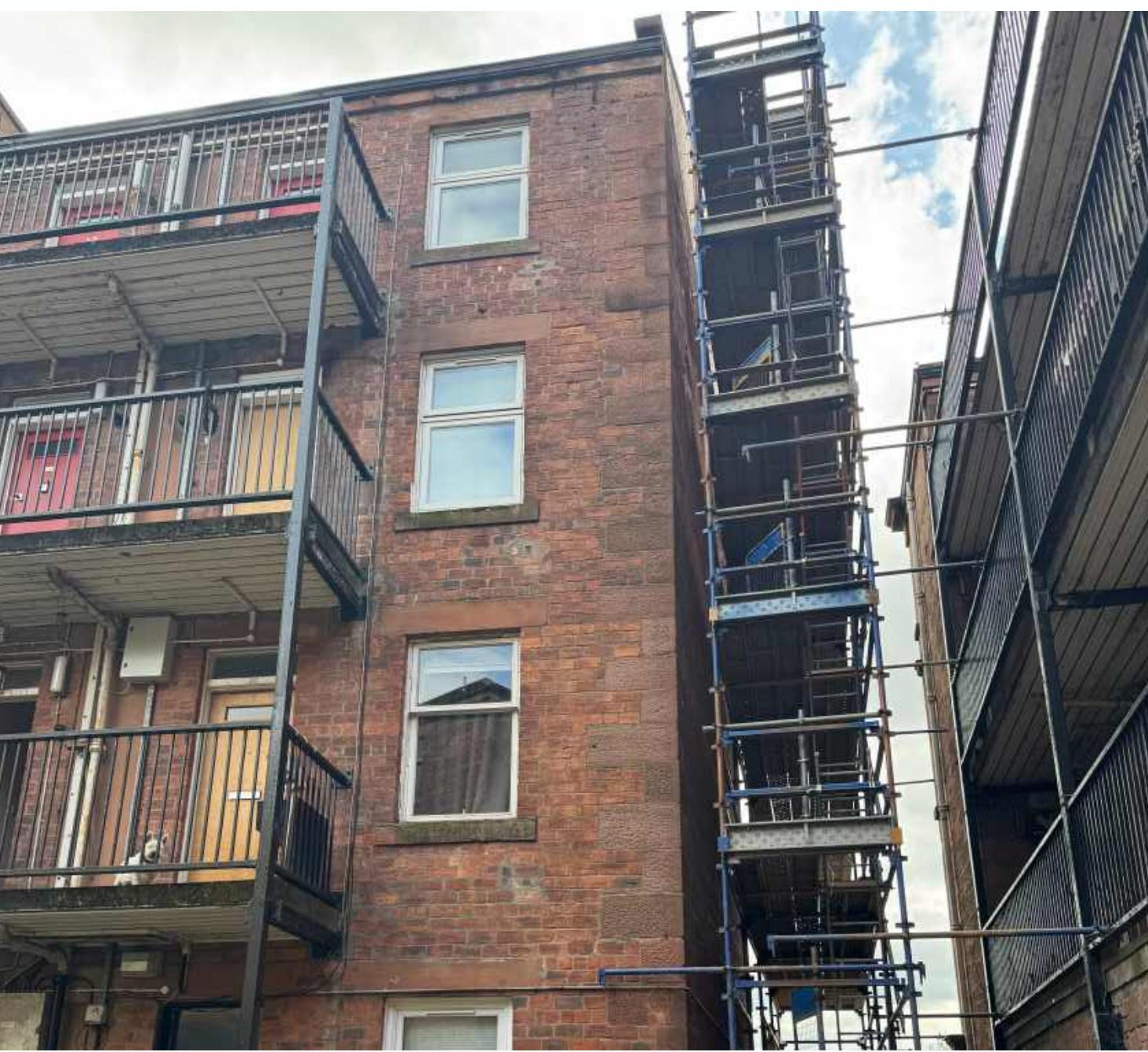
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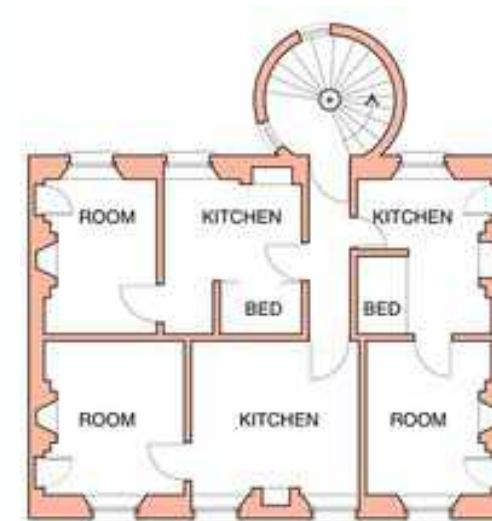
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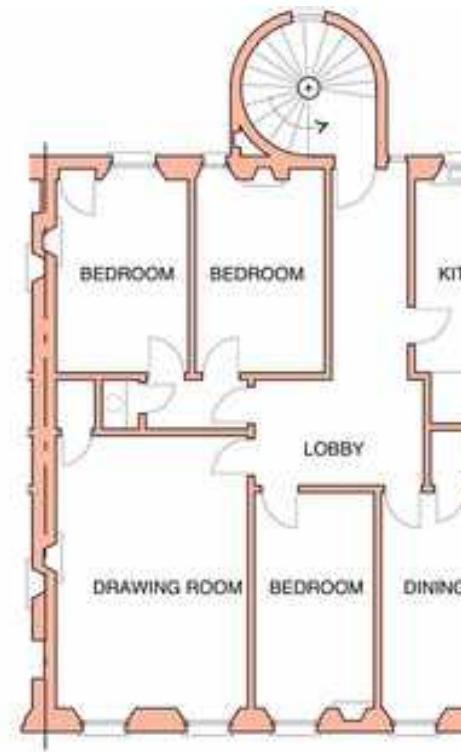


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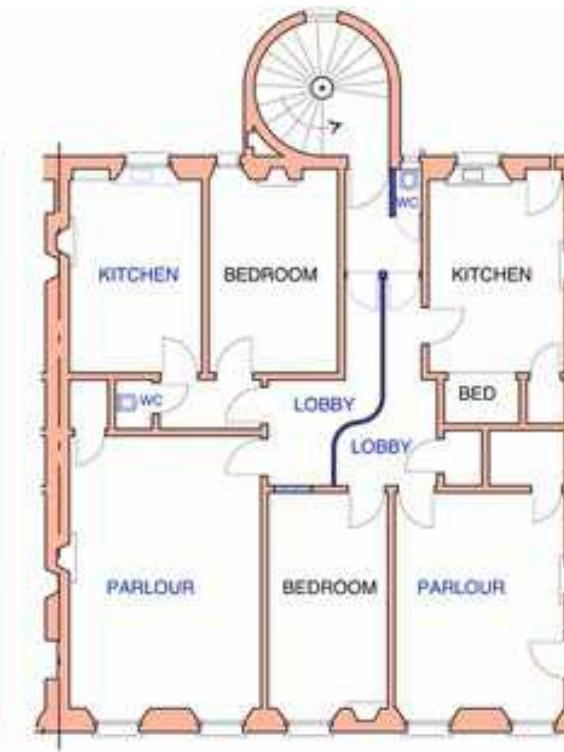
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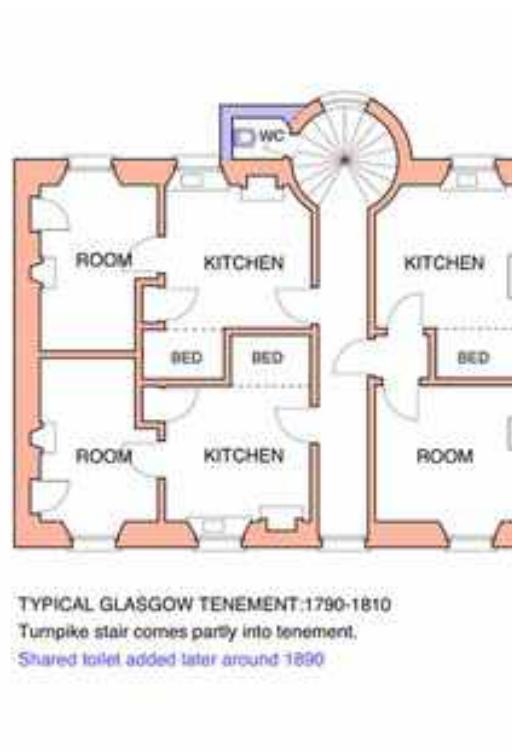
394 GALLOWGATE: 3 storey tenement
1771



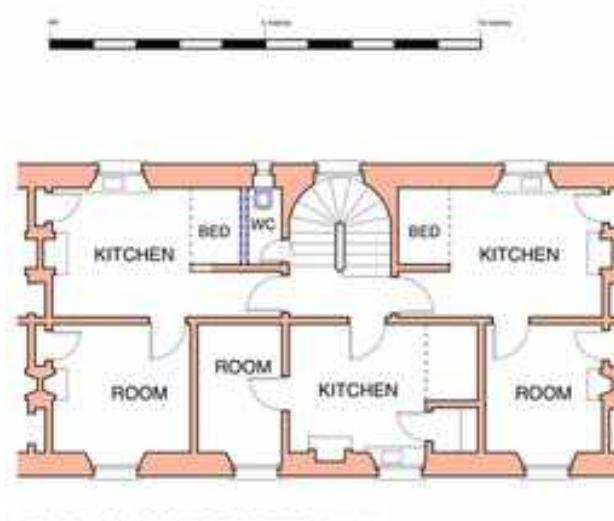
ABBOTSFORD PLACE: GORBALS:
Middle class tenements 1831
4 storeys high



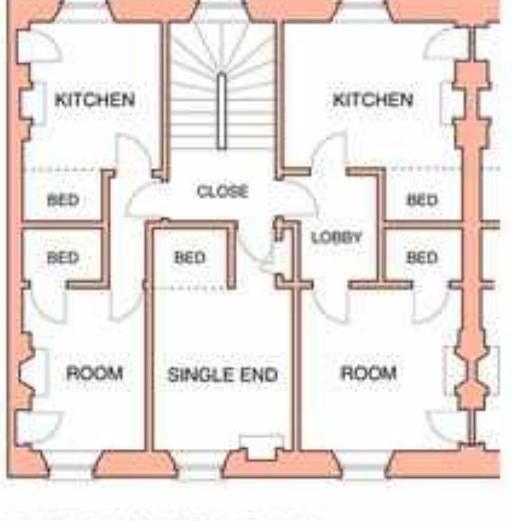
ABBOTSFORD PLACE: GORBALS:
'Made down' conversion May 1898 with shared toilet.
Would be further subdivided in 1920-30



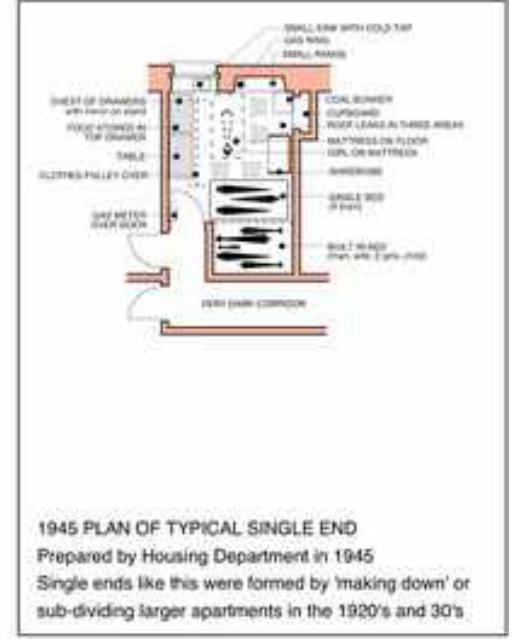
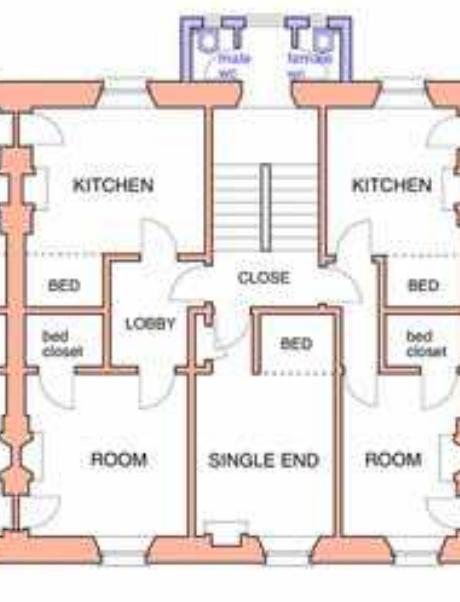
TYPICAL GLASGOW TENEMENT: 1790-1810
Turnpike stair comes into tenement party.
Shared toilet likely added later around 1890



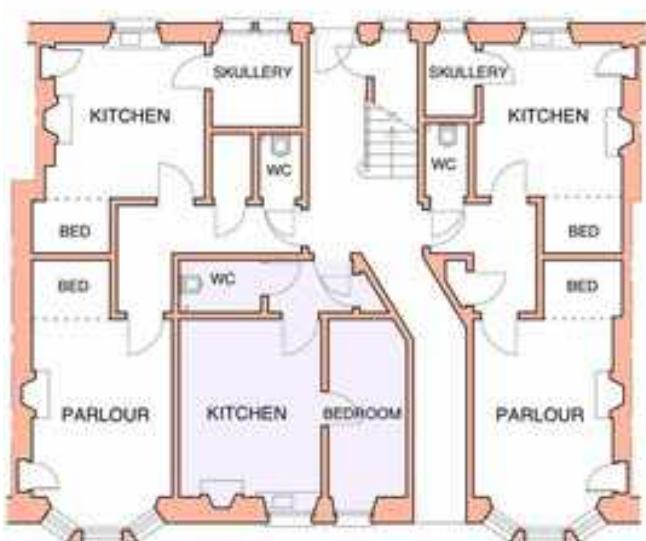
TYPICAL GLASGOW TENEMENT: 1880 approx
Square close stair but treads still on radius
'Single end' develops



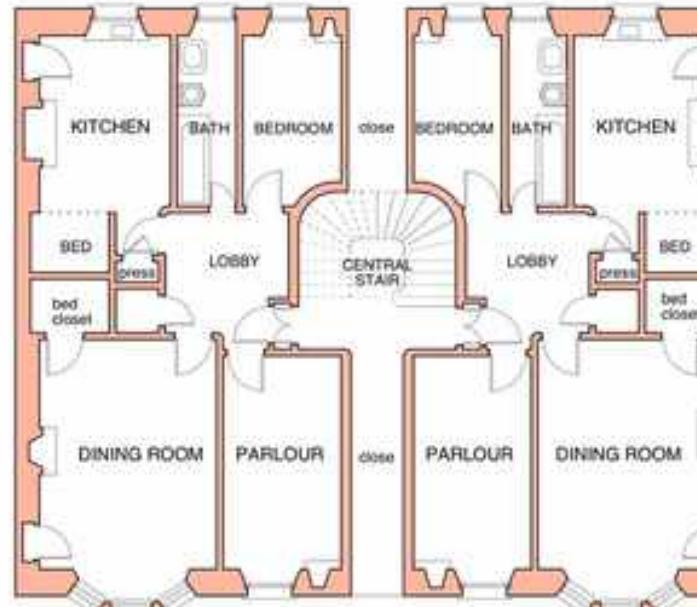
TYPICAL GLASGOW TENEMENT: after 1896
Square close stair with two straight flights and half landing
Shared toilets added to half landings after 1892/1896 Police Acts



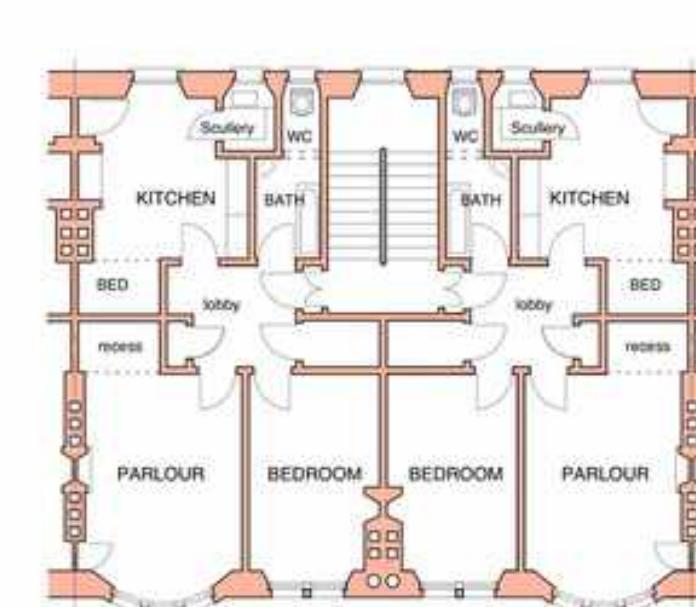
1945 PLAN OF TYPICAL SINGLE END
Prepared by Housing Department in 1945
Single ends like these were formed by 'making down' or
sub-dividing larger apartments in the 1920's and 30's



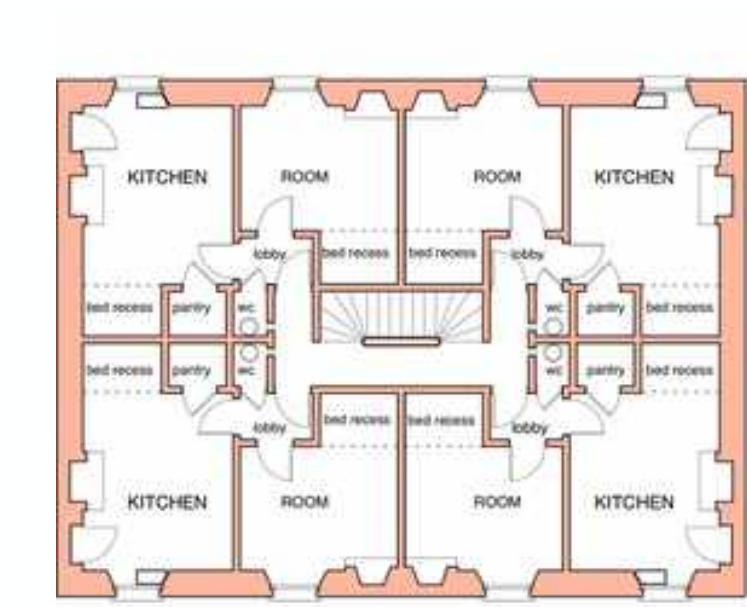
1890s TYPICAL GLASGOW TENEMENT with 'single end' and each flat with a toilet.



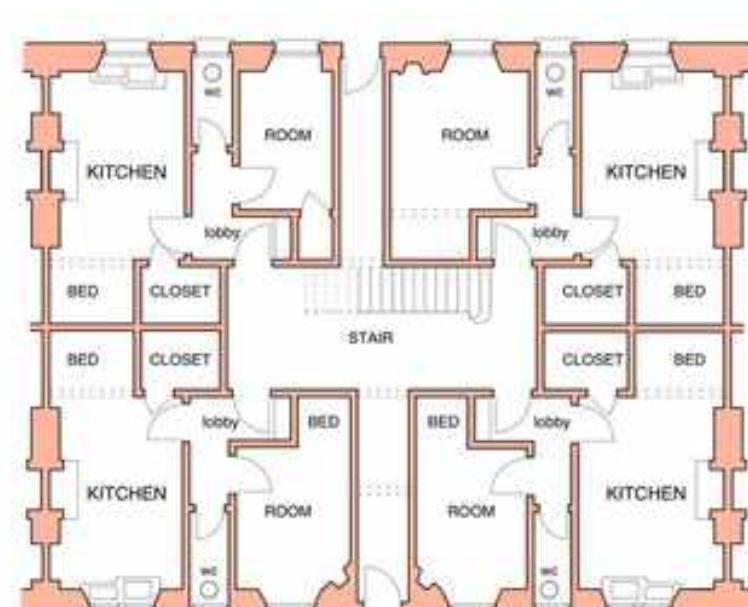
1886 TYPICAL MIDDLE CLASS GLASGOW TENEMENT with central (toplit) stair
and bathrooms. Main close walls become 9" thick.



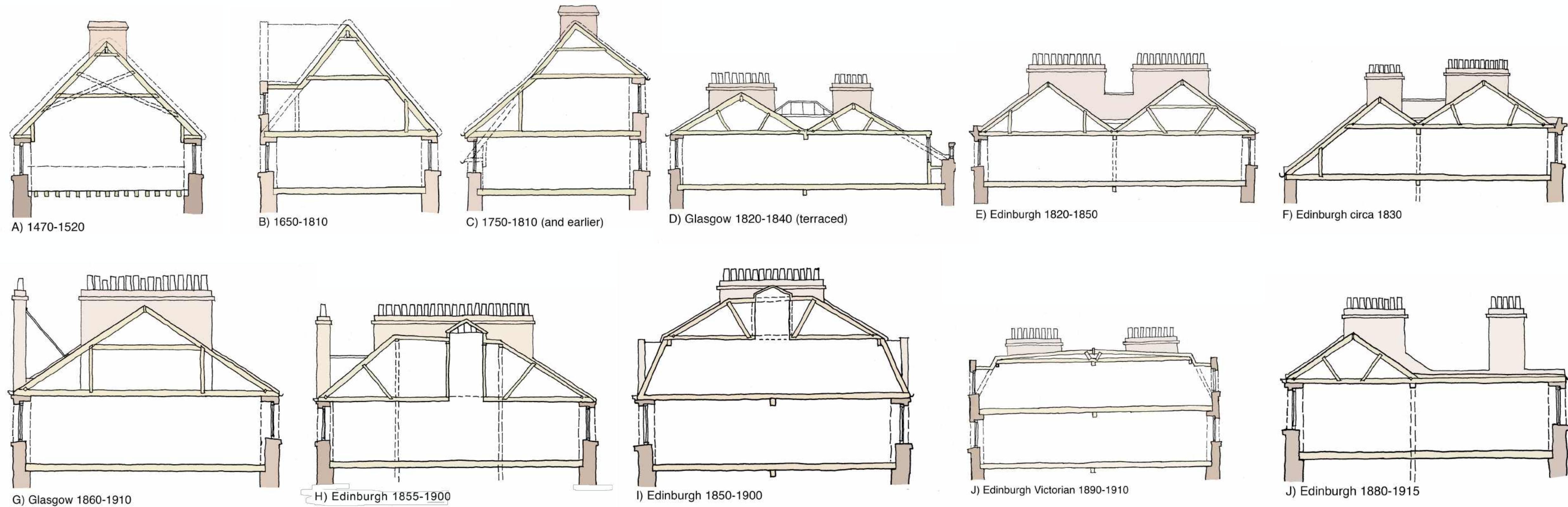
1902 TYPICAL GLASGOW TENEMENT by Charles Gourlay



1892 PROPOSED PLAN - 'HOUSES FOR THE WORKING CLASSES OF EDINBURGH'



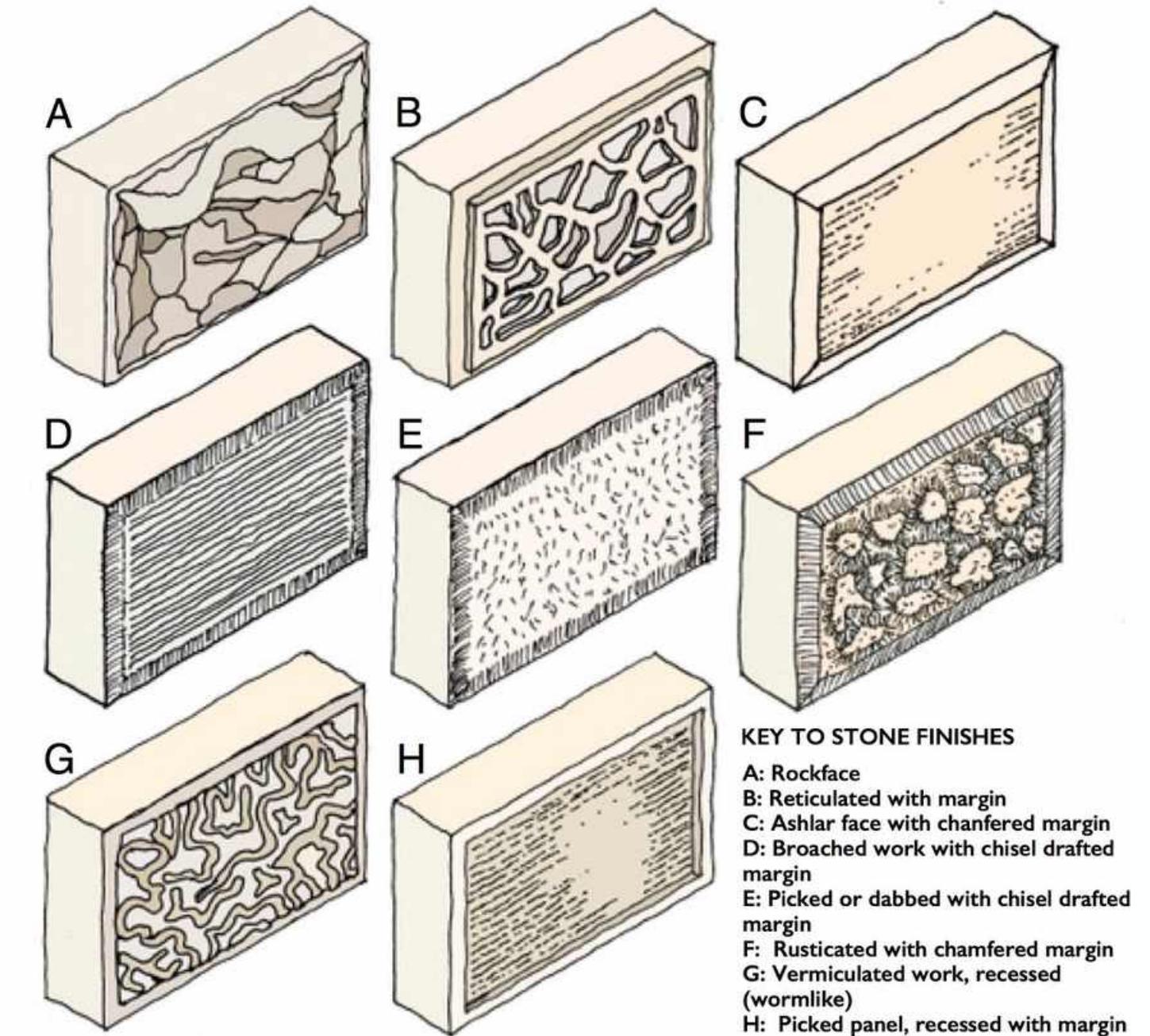
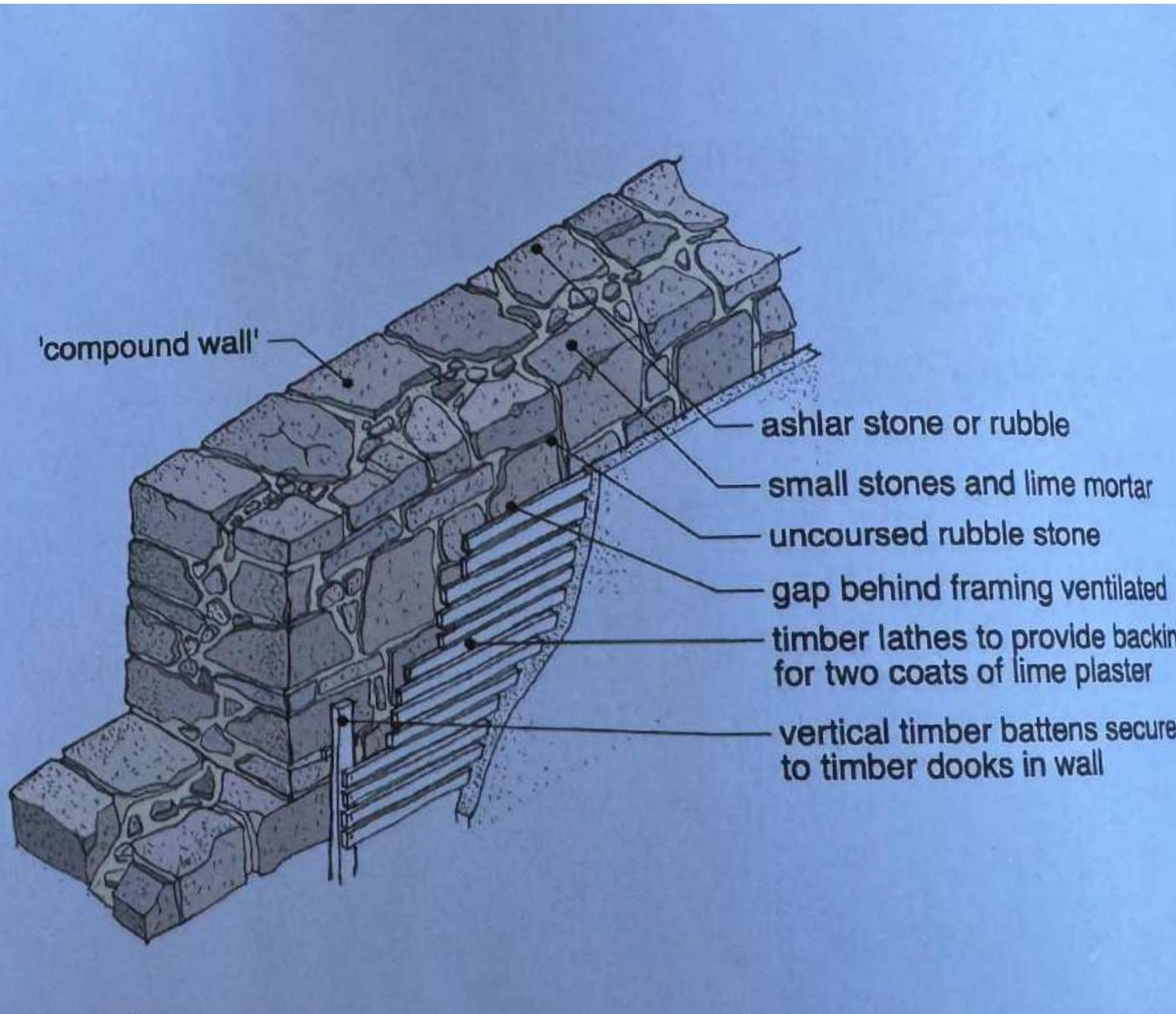
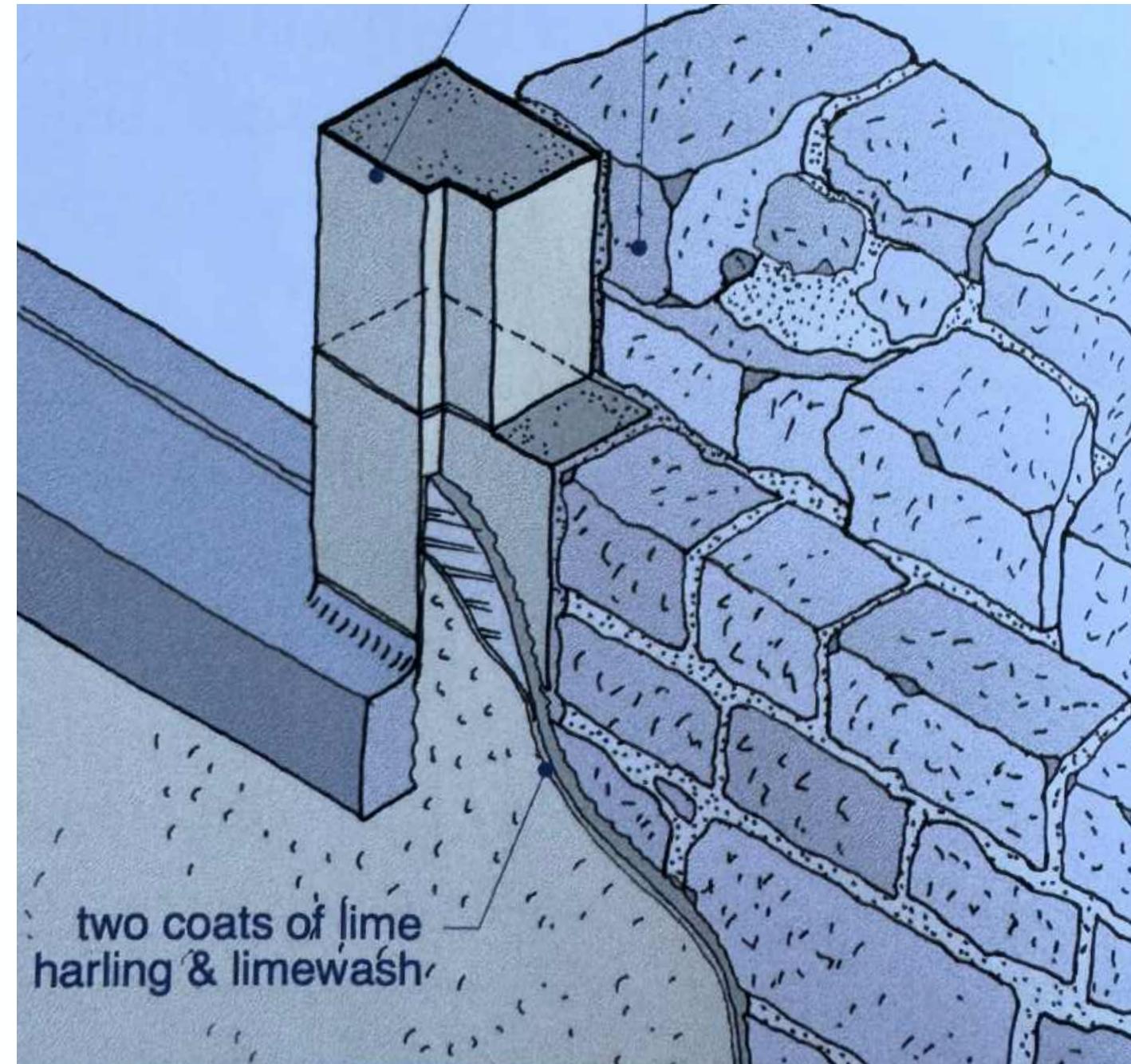
1894 TYPICAL DEAN OF GUILD PLAN FOR a working class tenement in Polwart, Edinburgh
Annual rents ranging from £9.11.0 to £10.5.0 for a ground floor room an kitchen

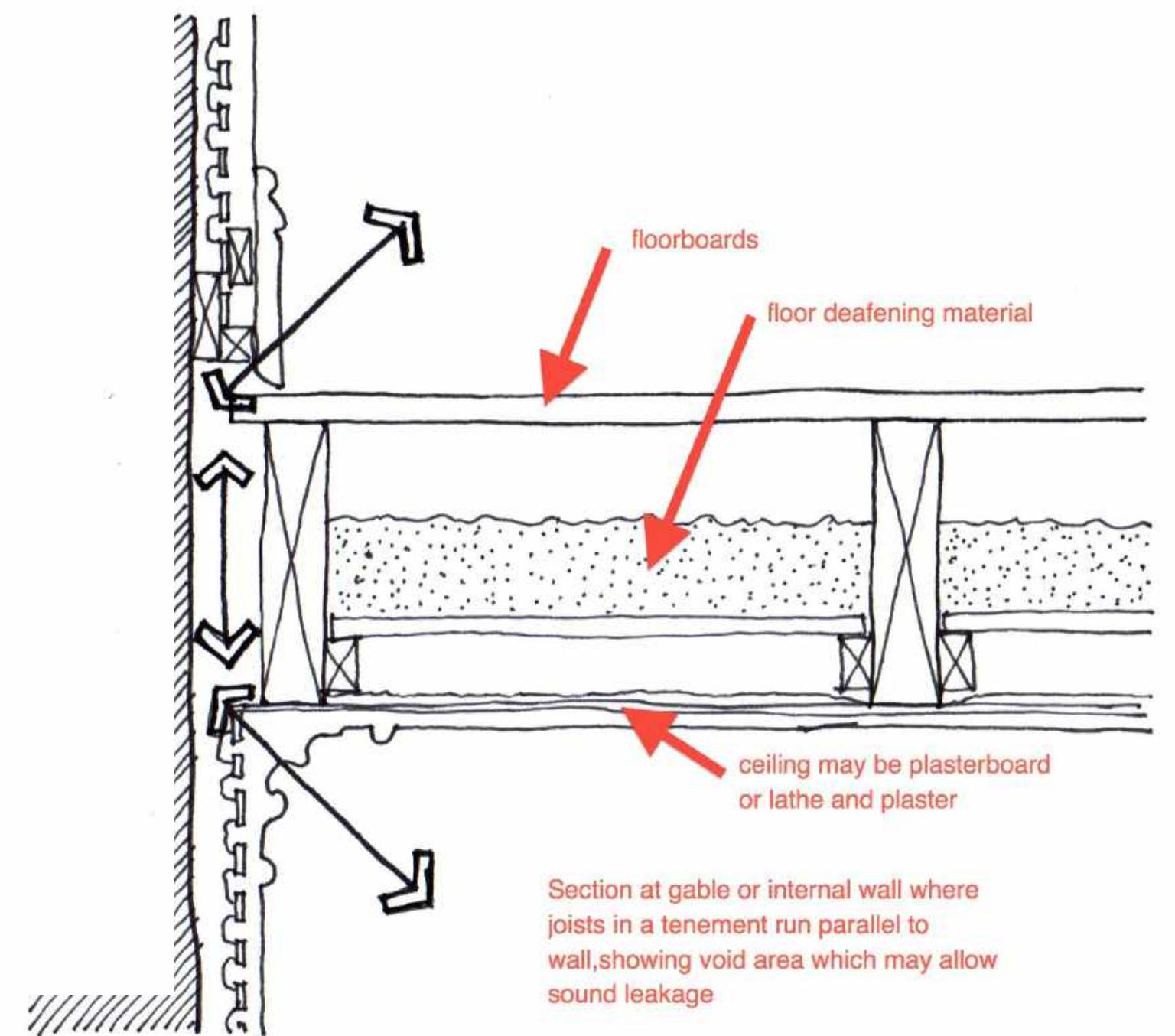
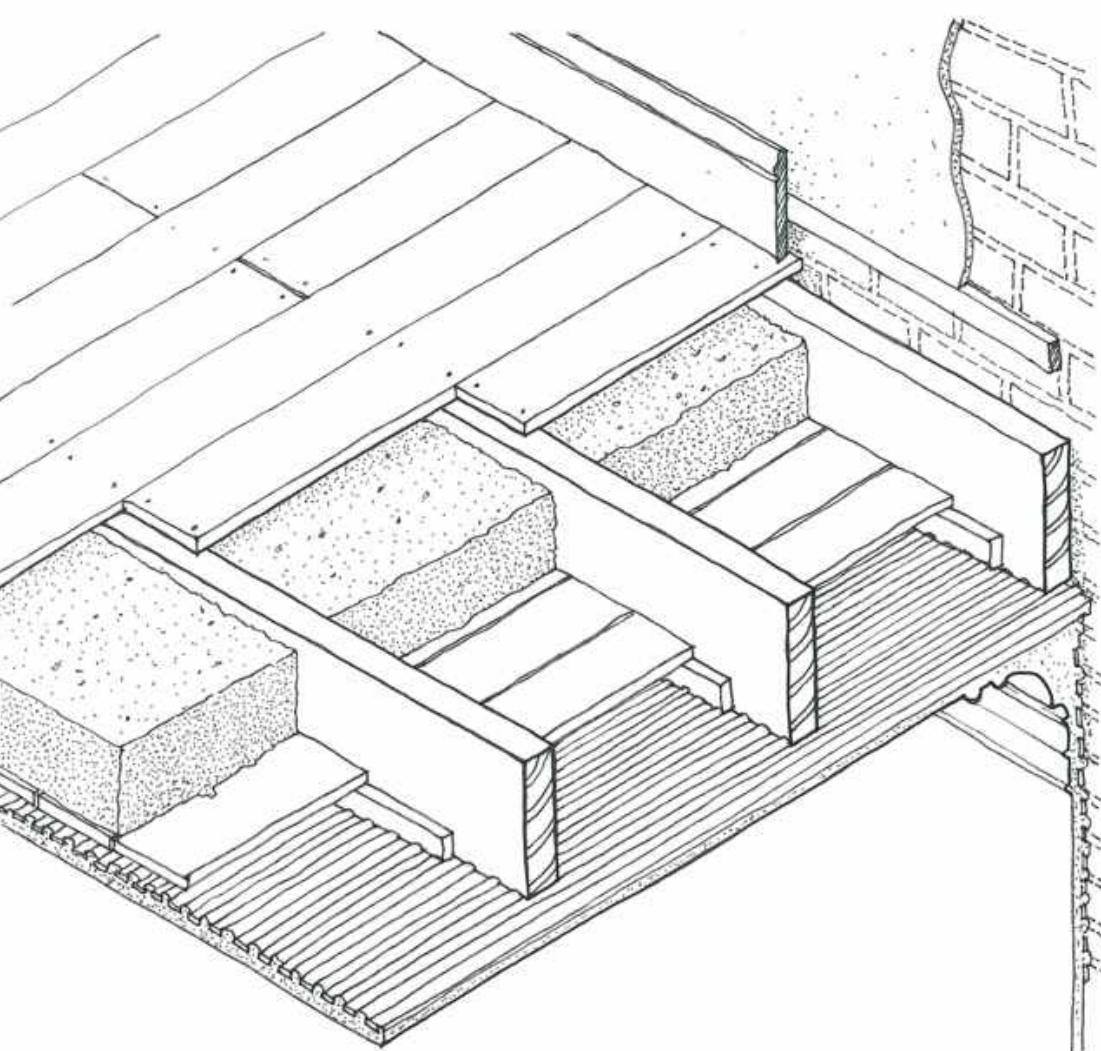
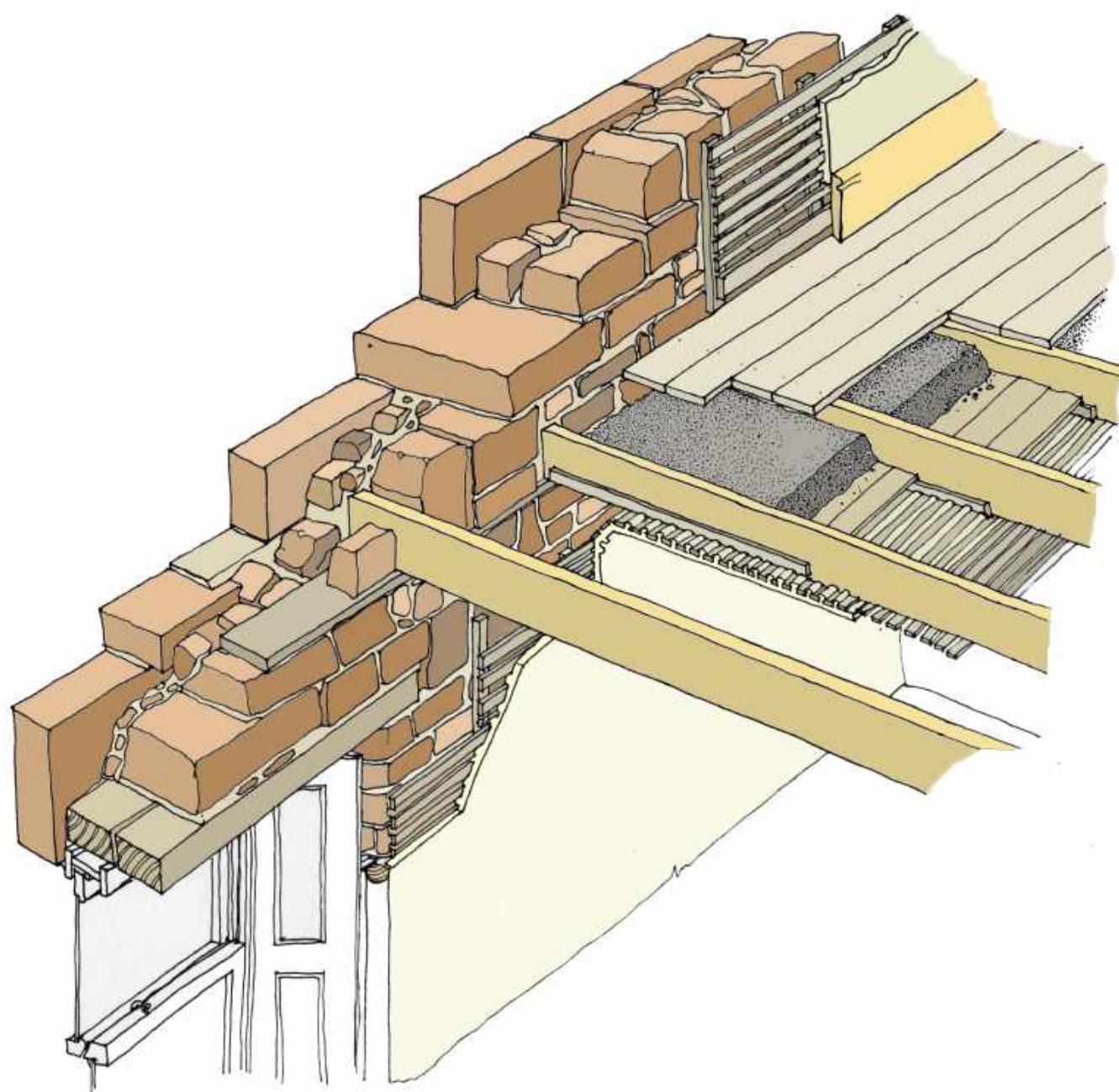


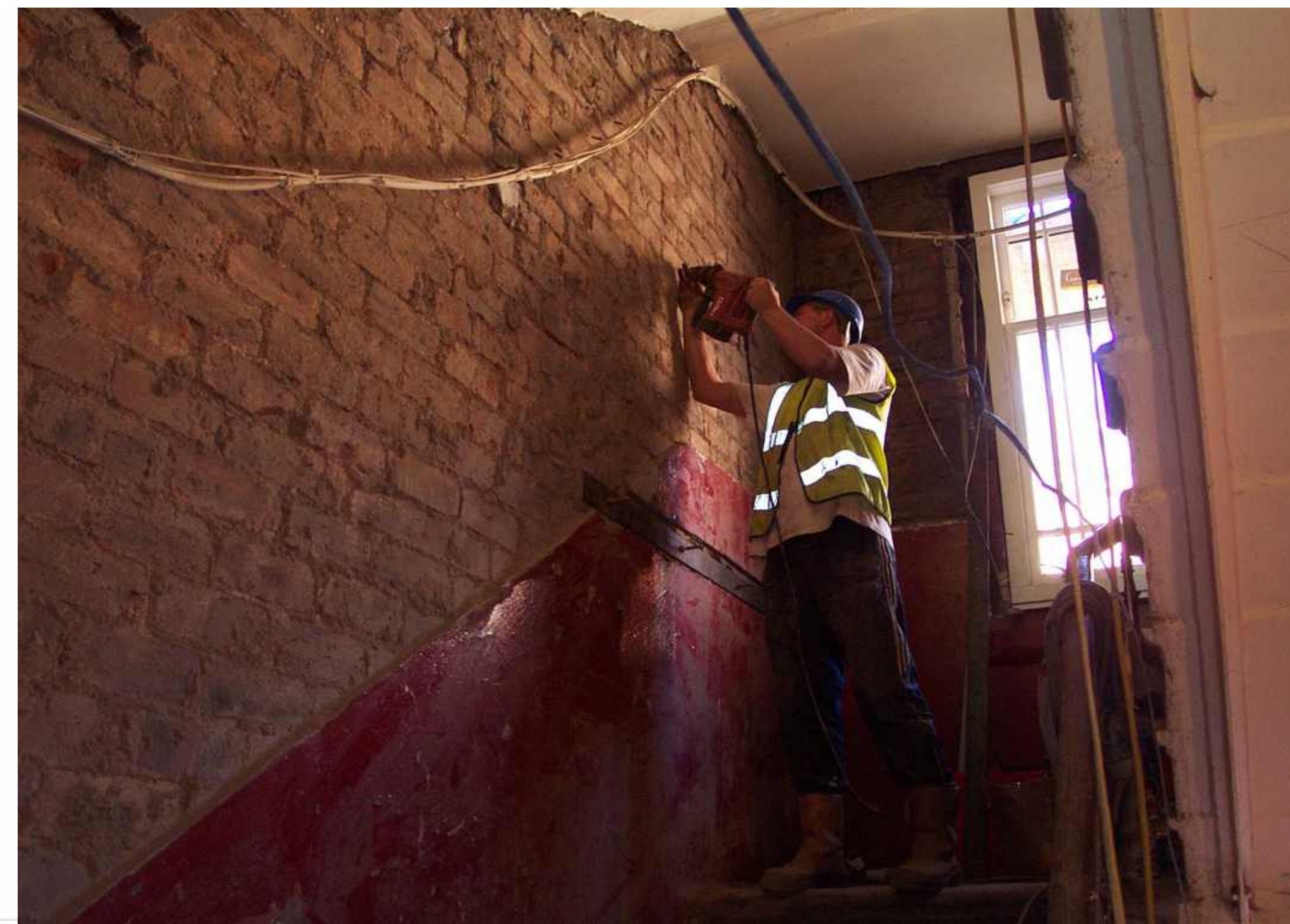
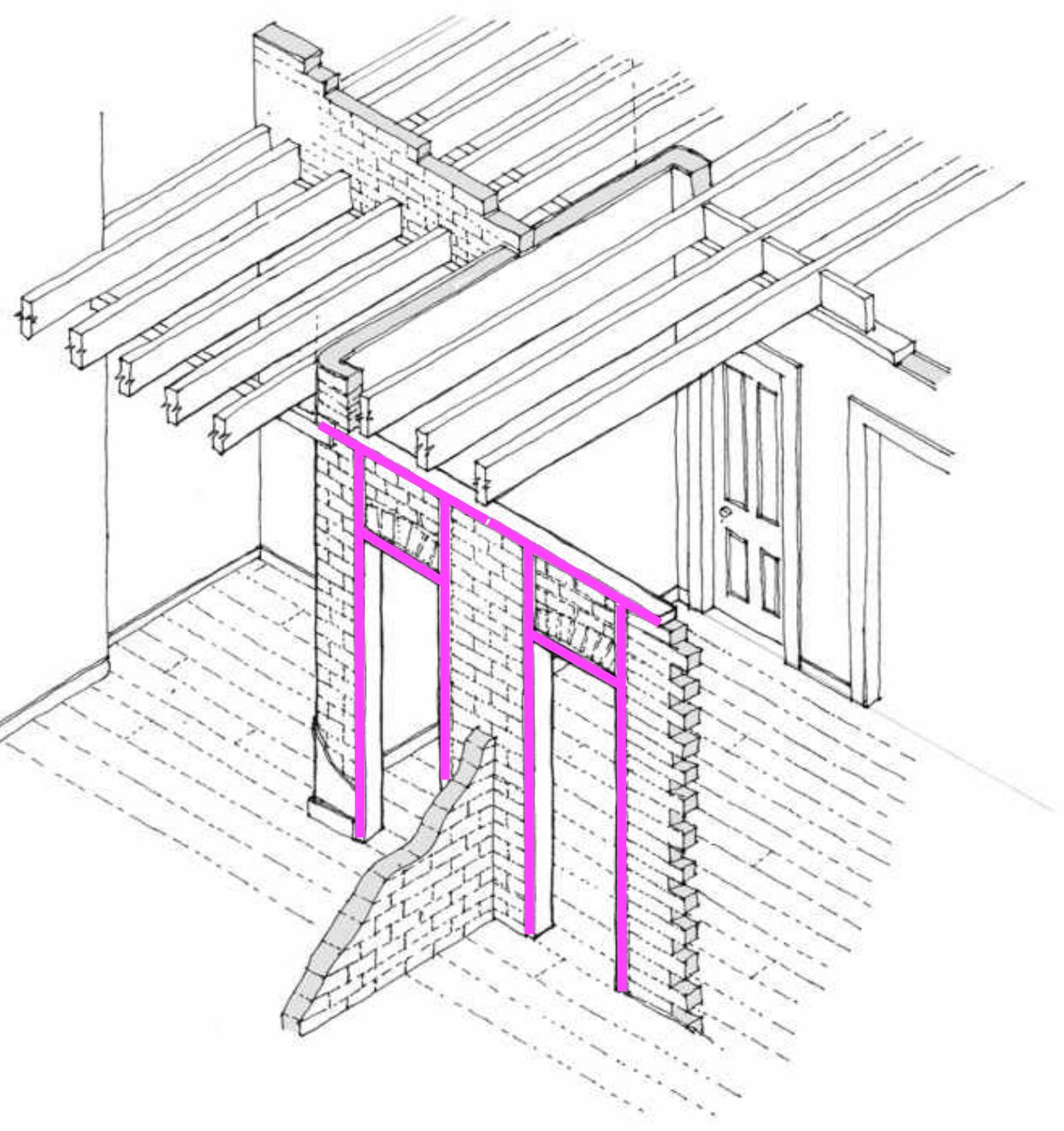


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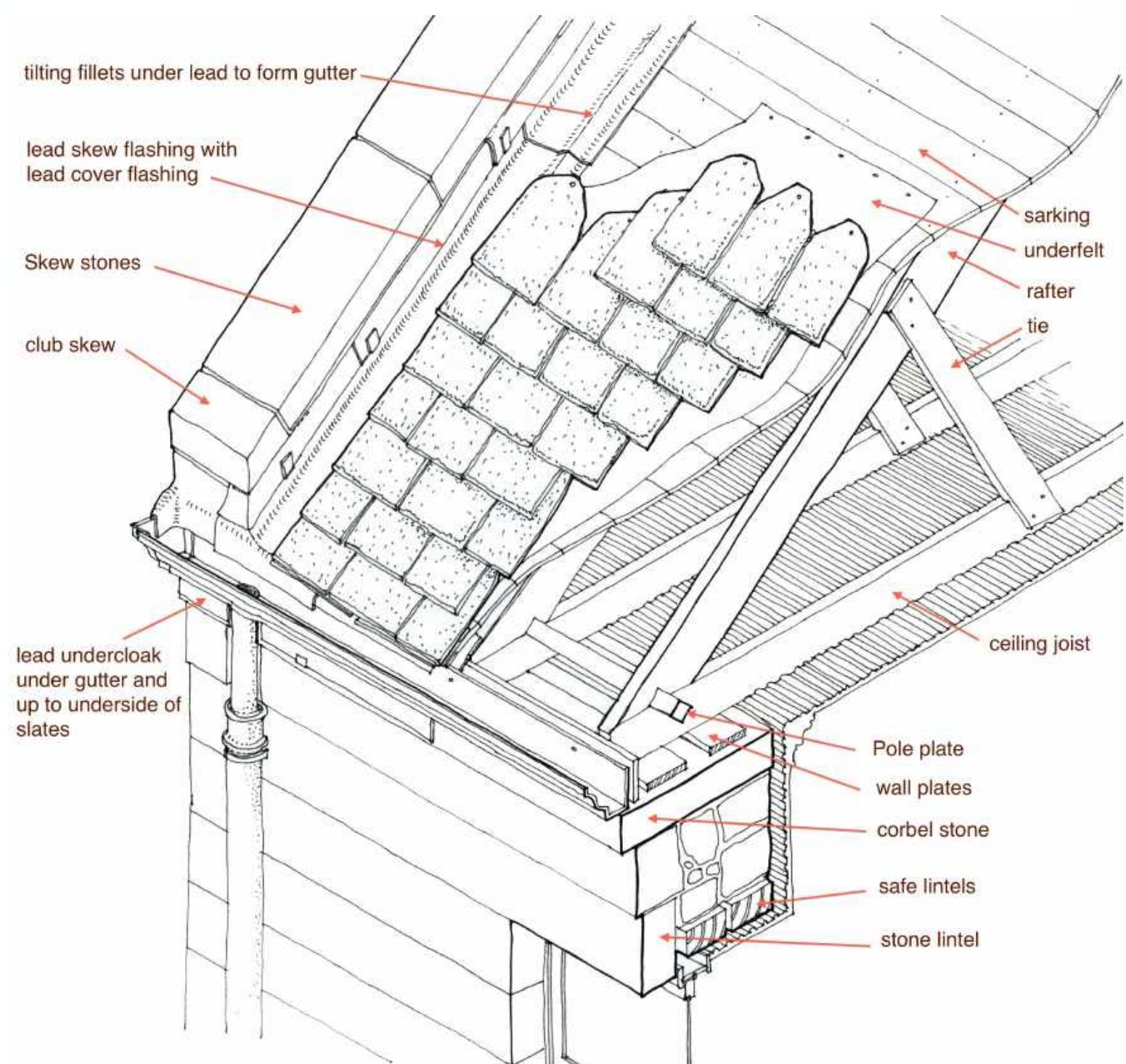
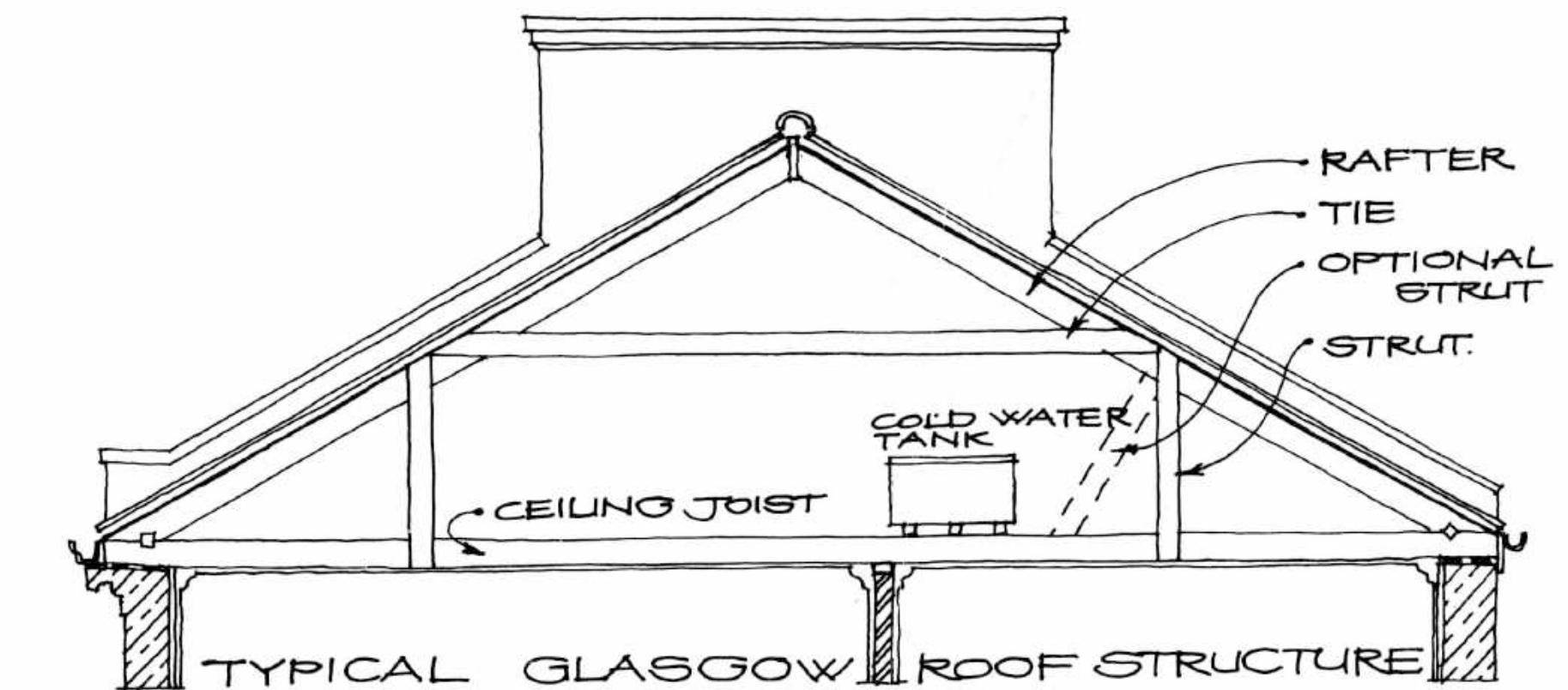
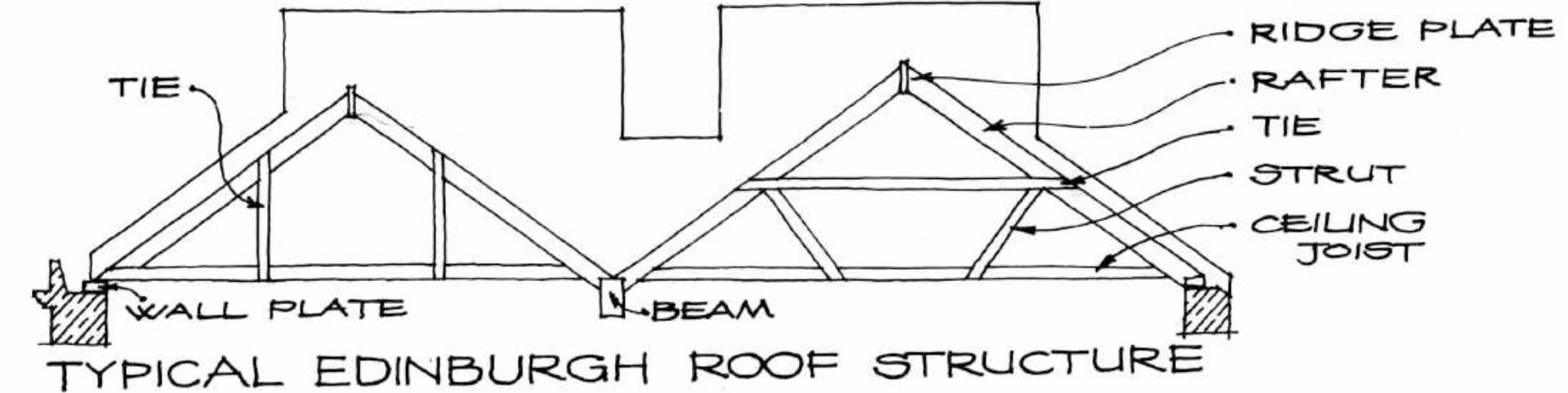


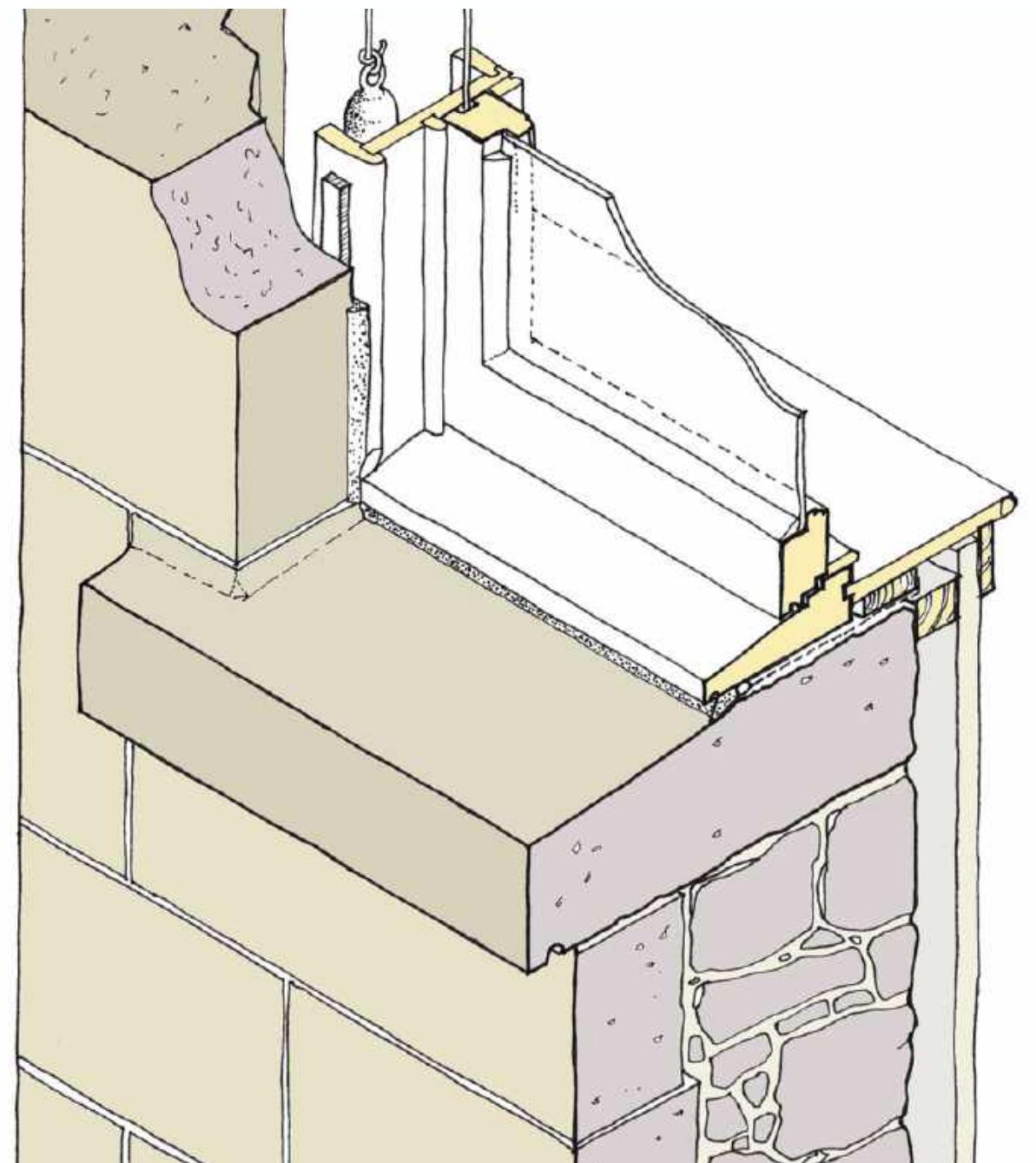
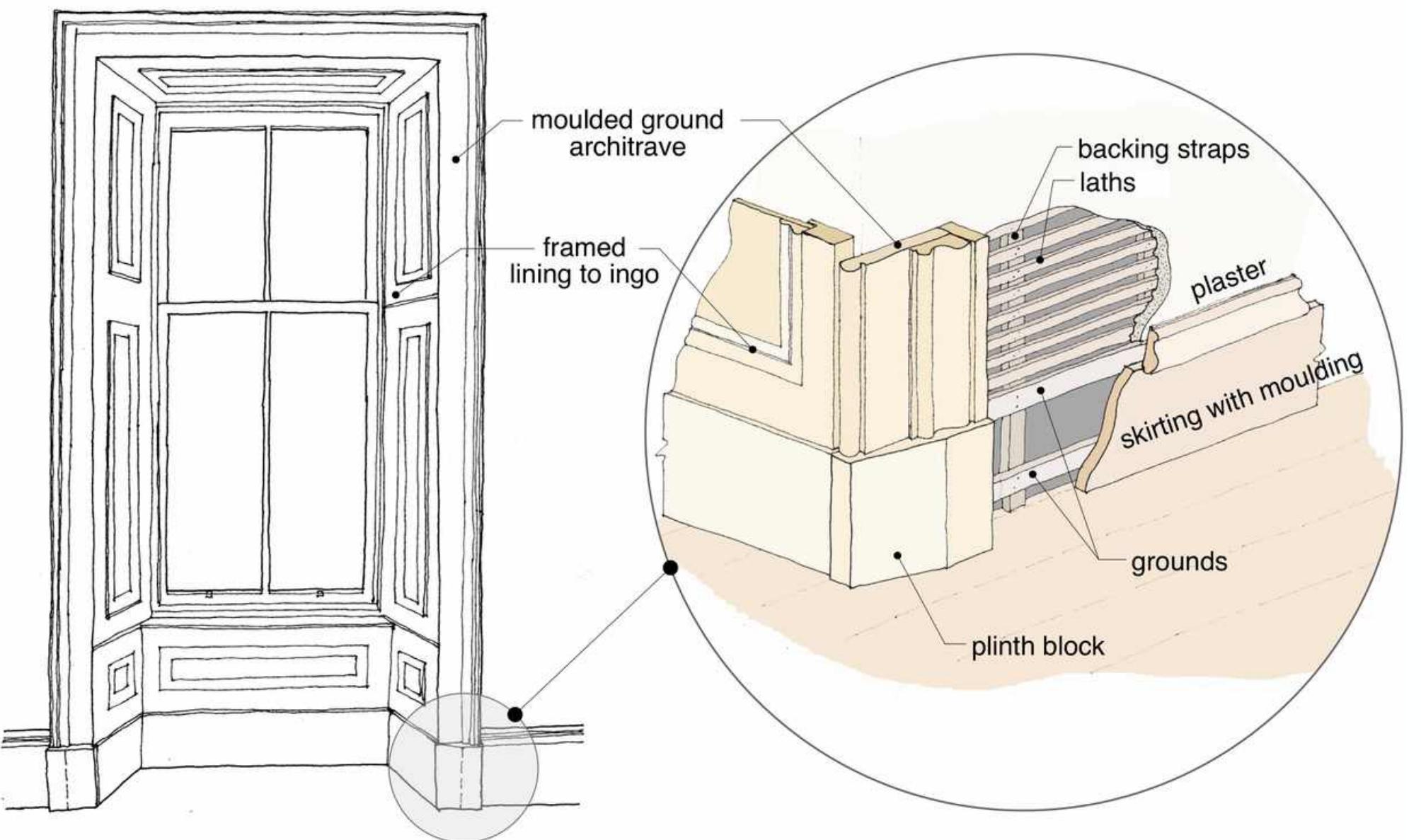
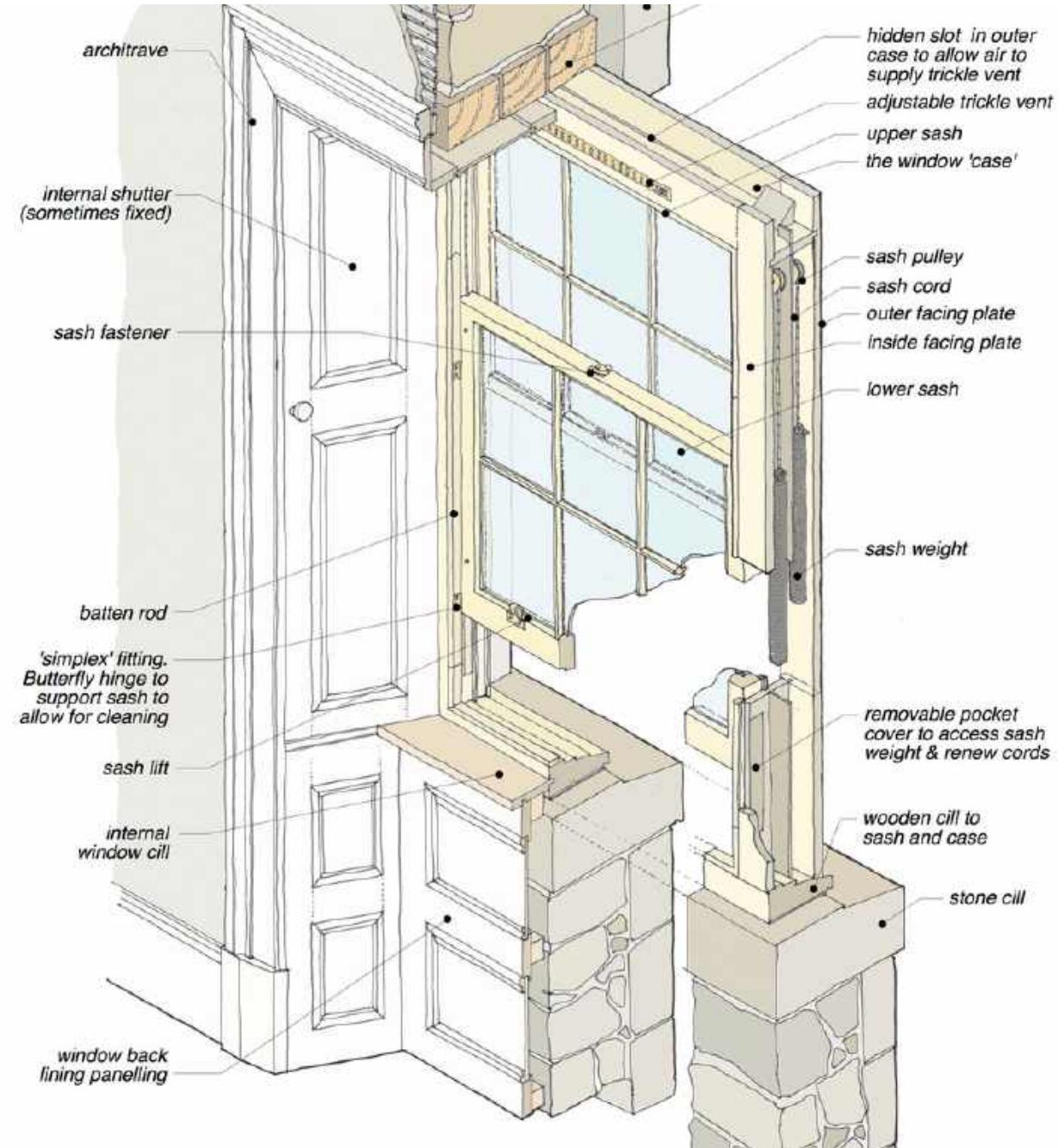


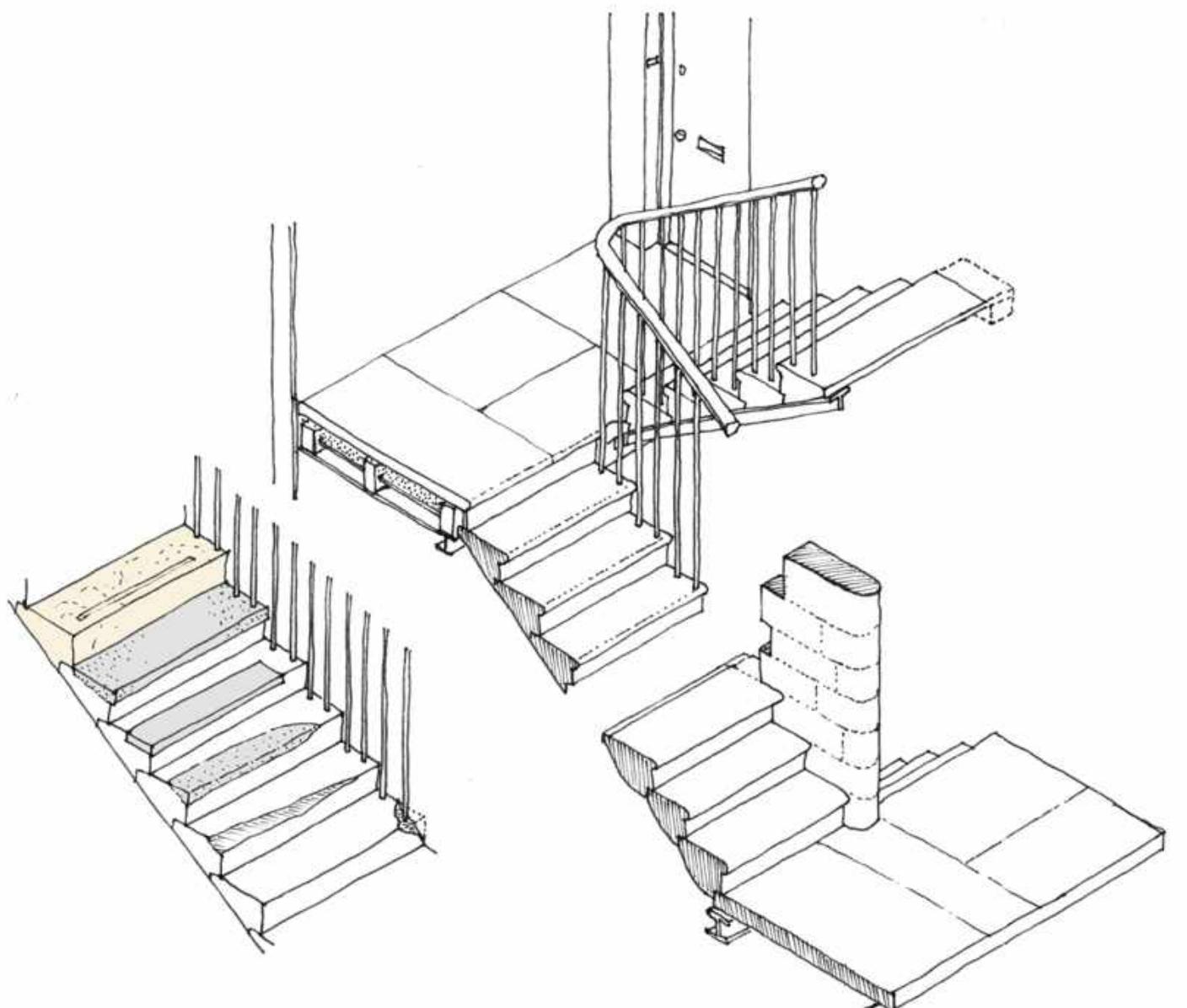


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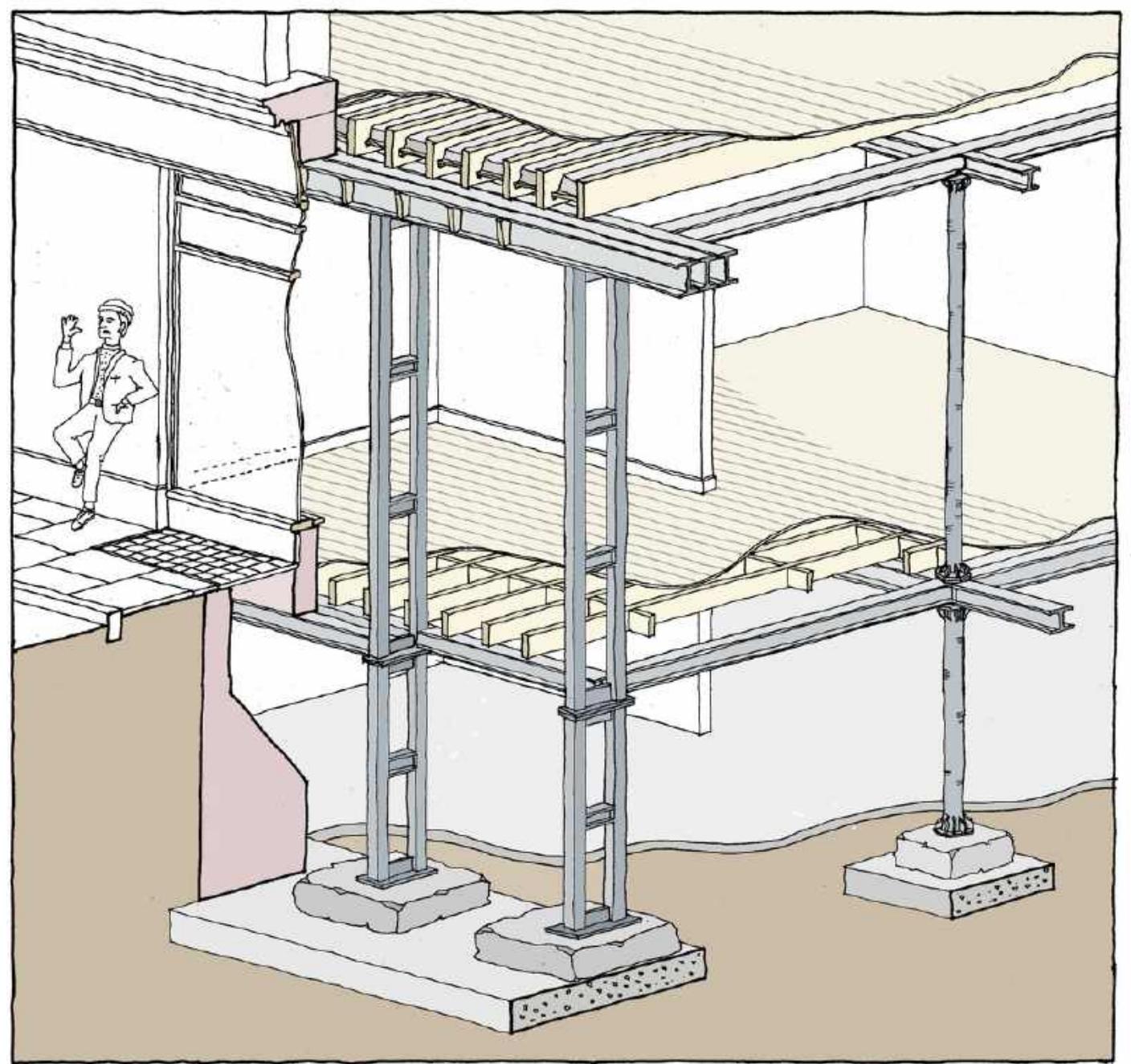
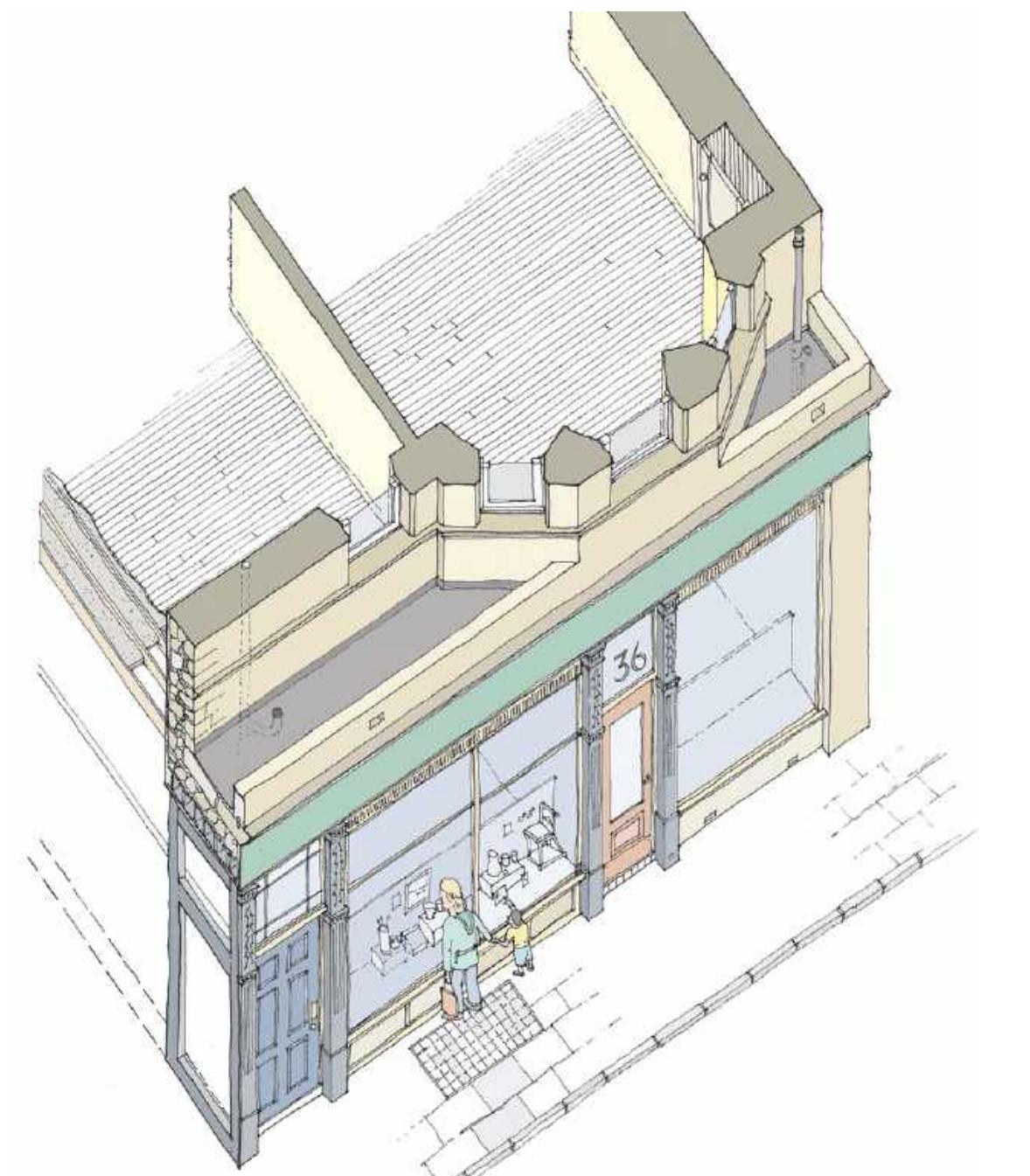






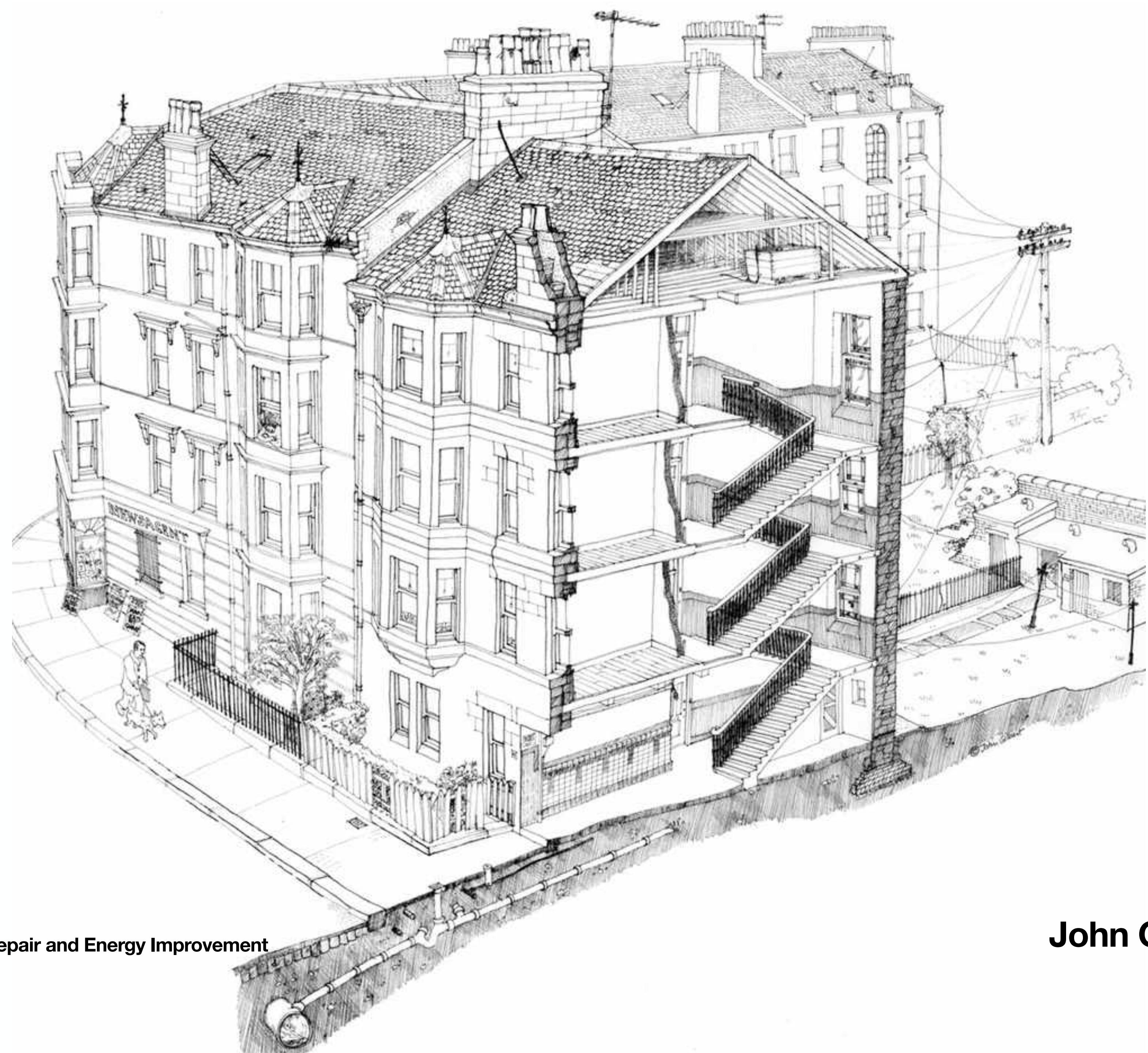
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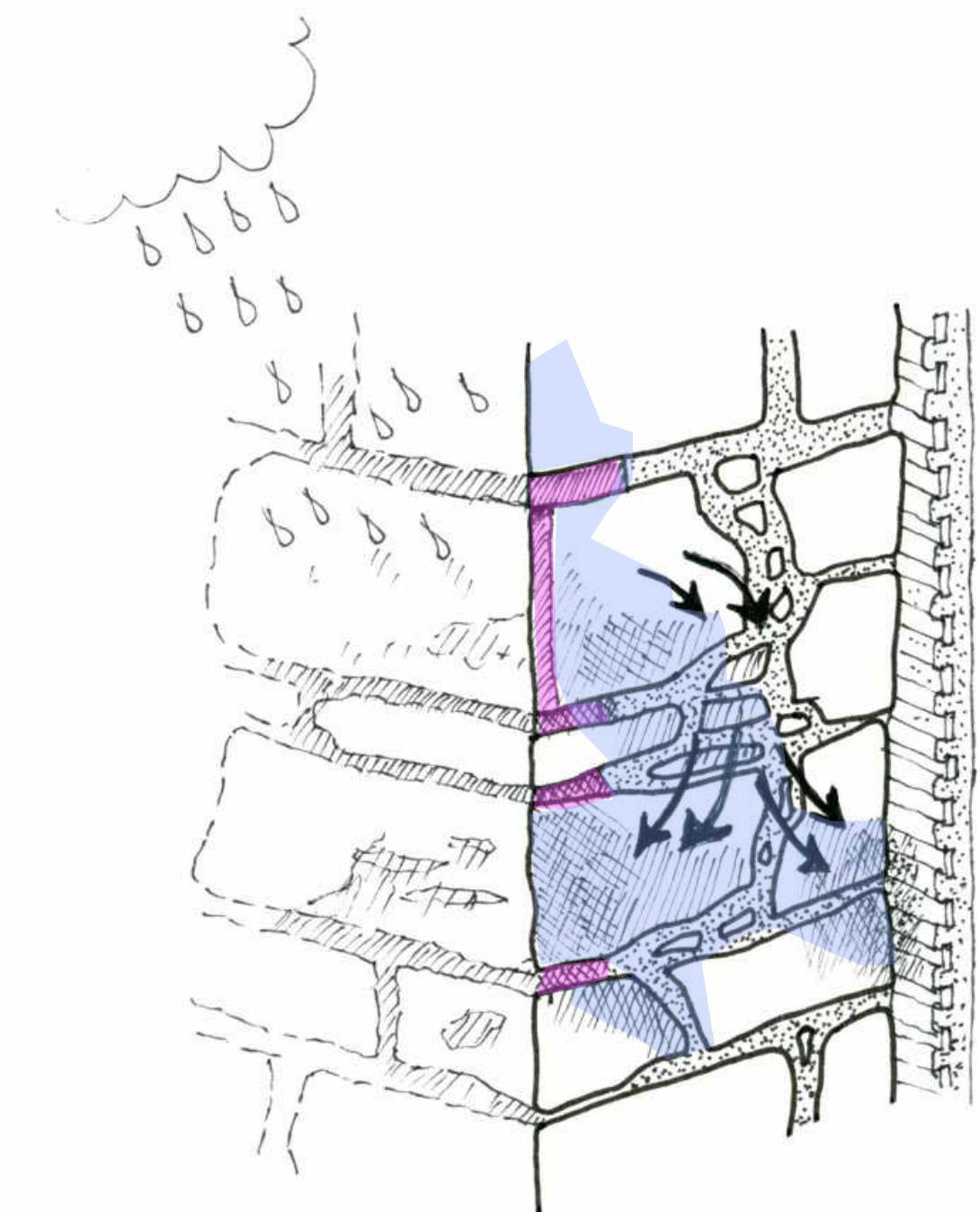
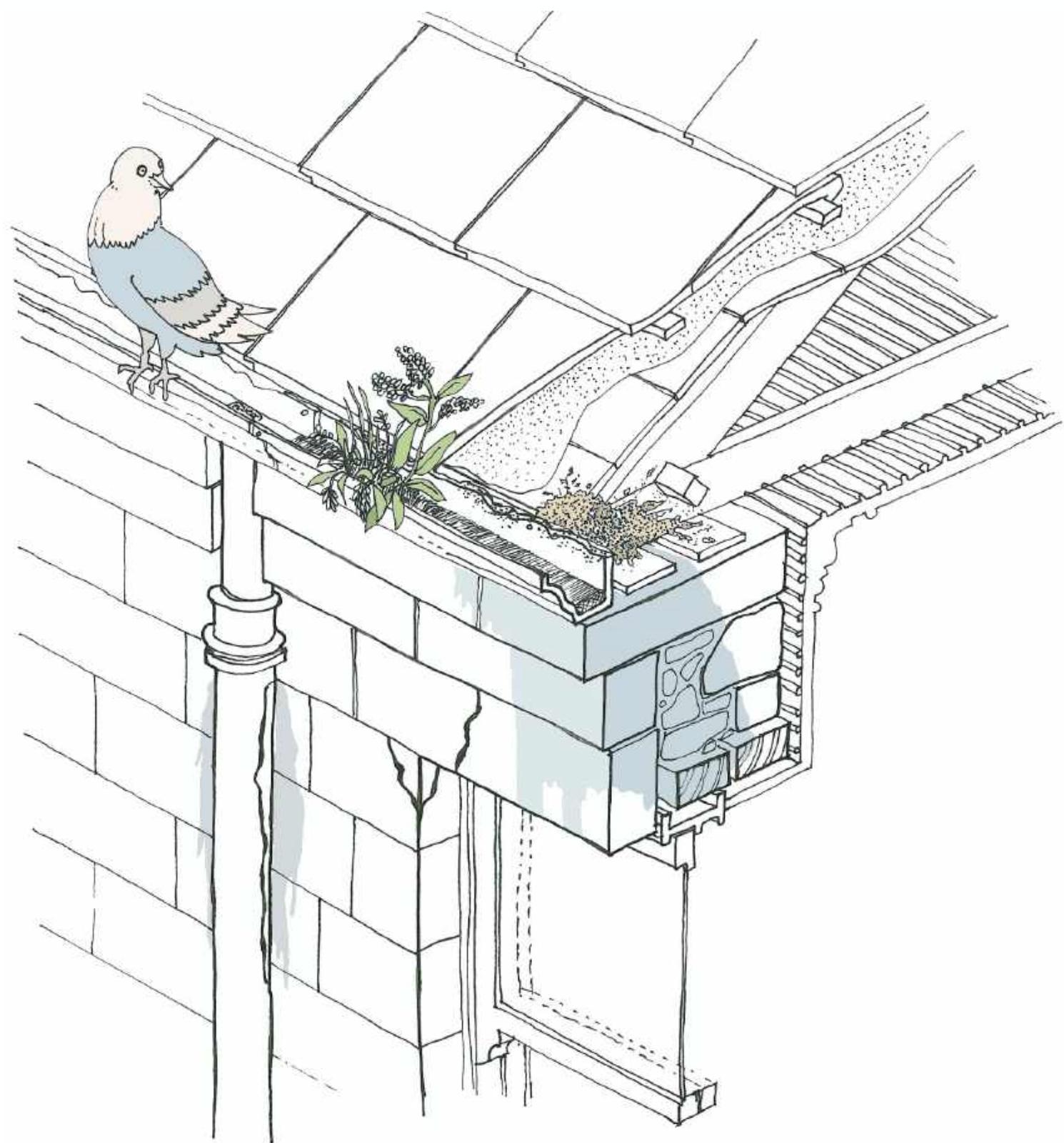
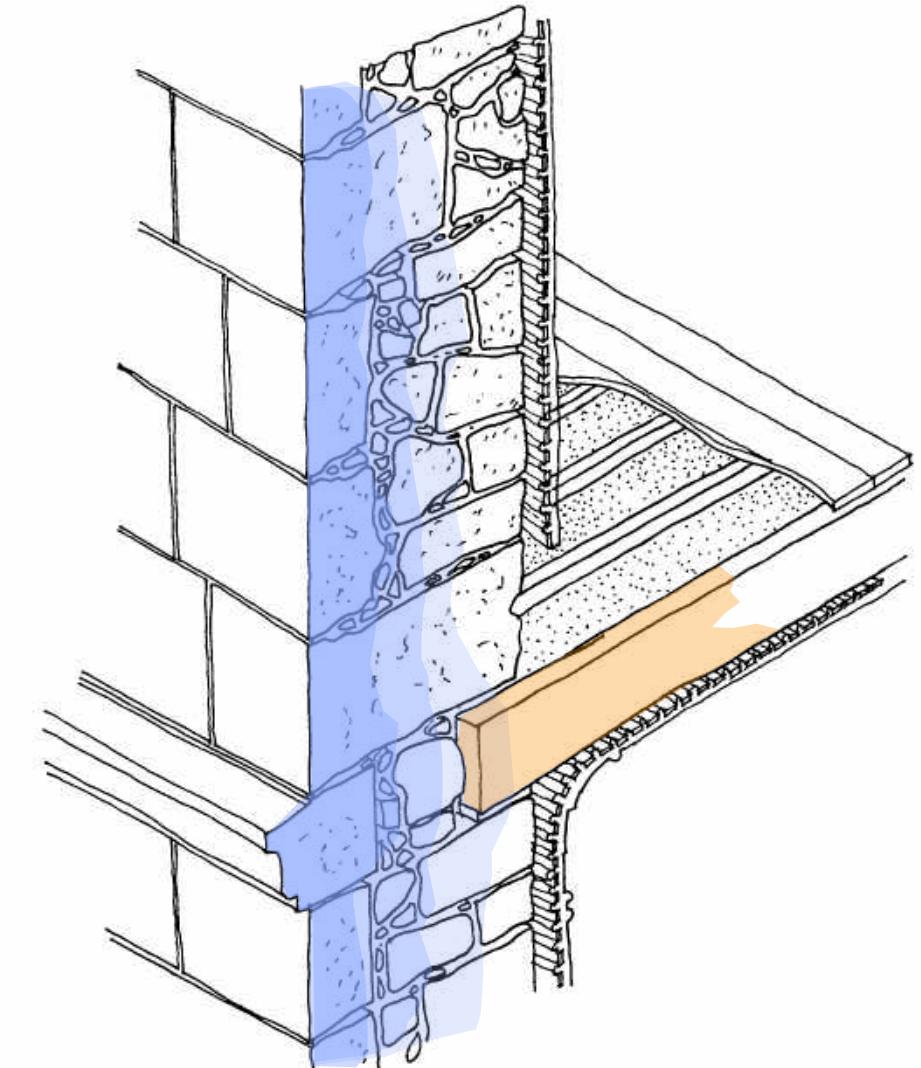
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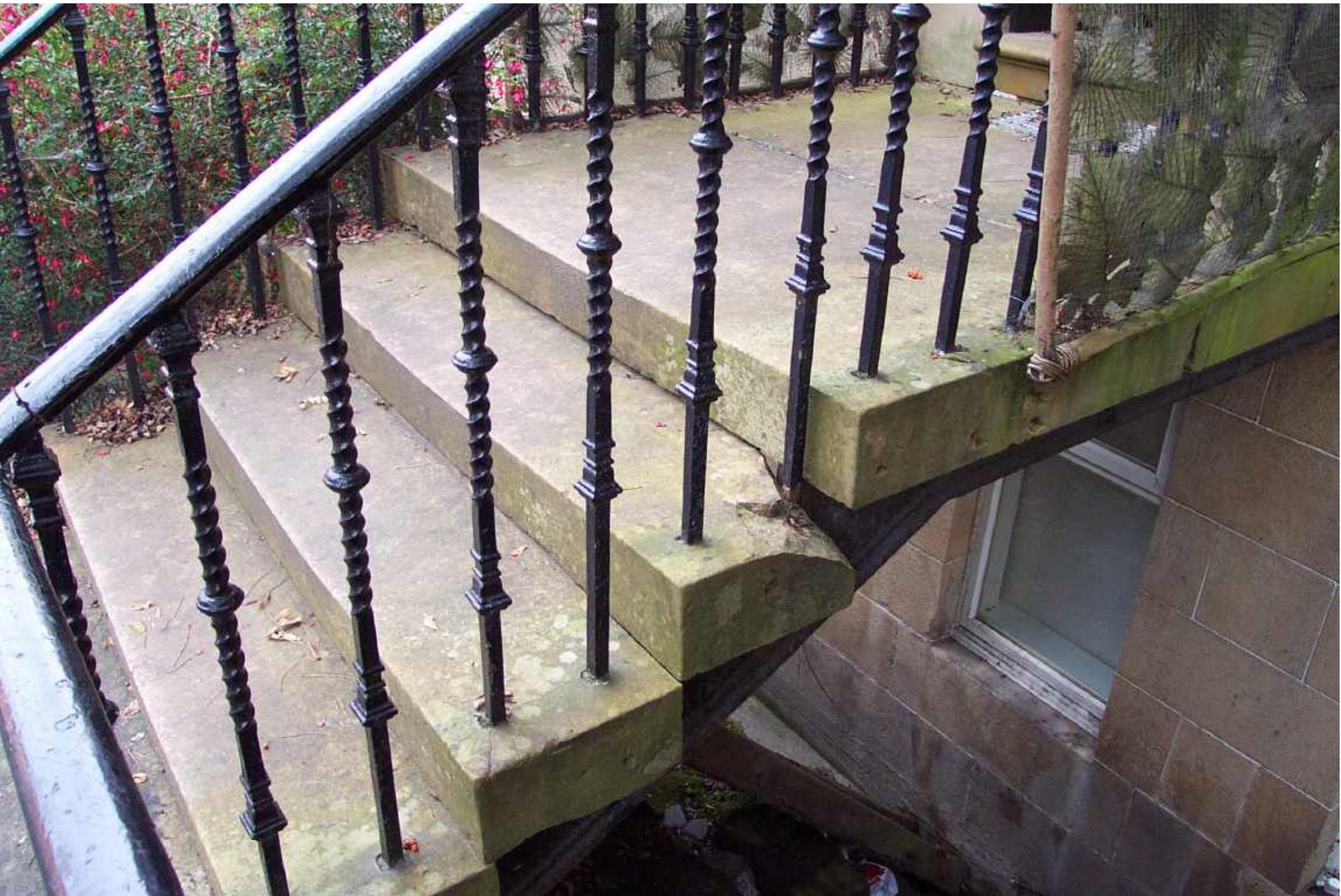
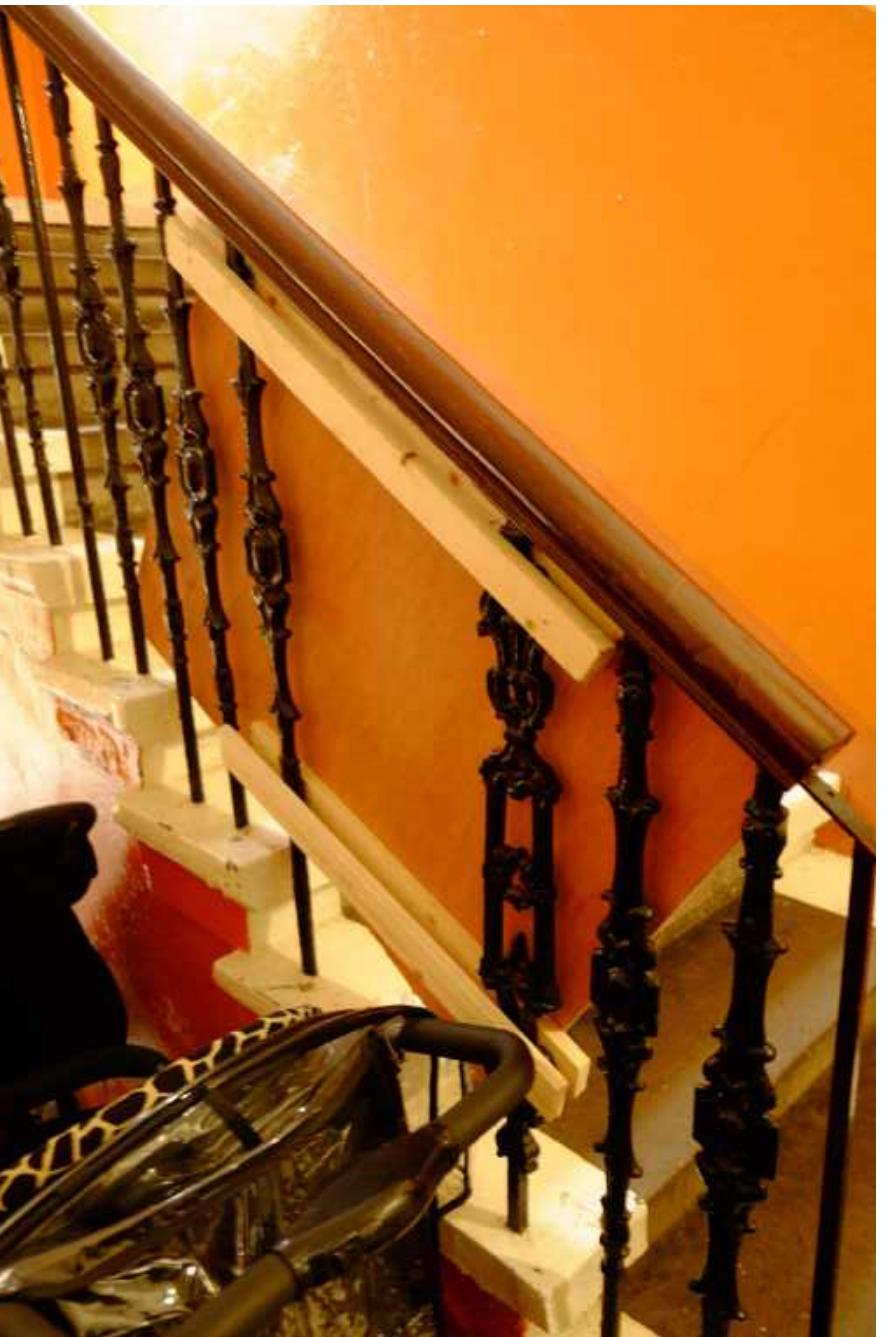
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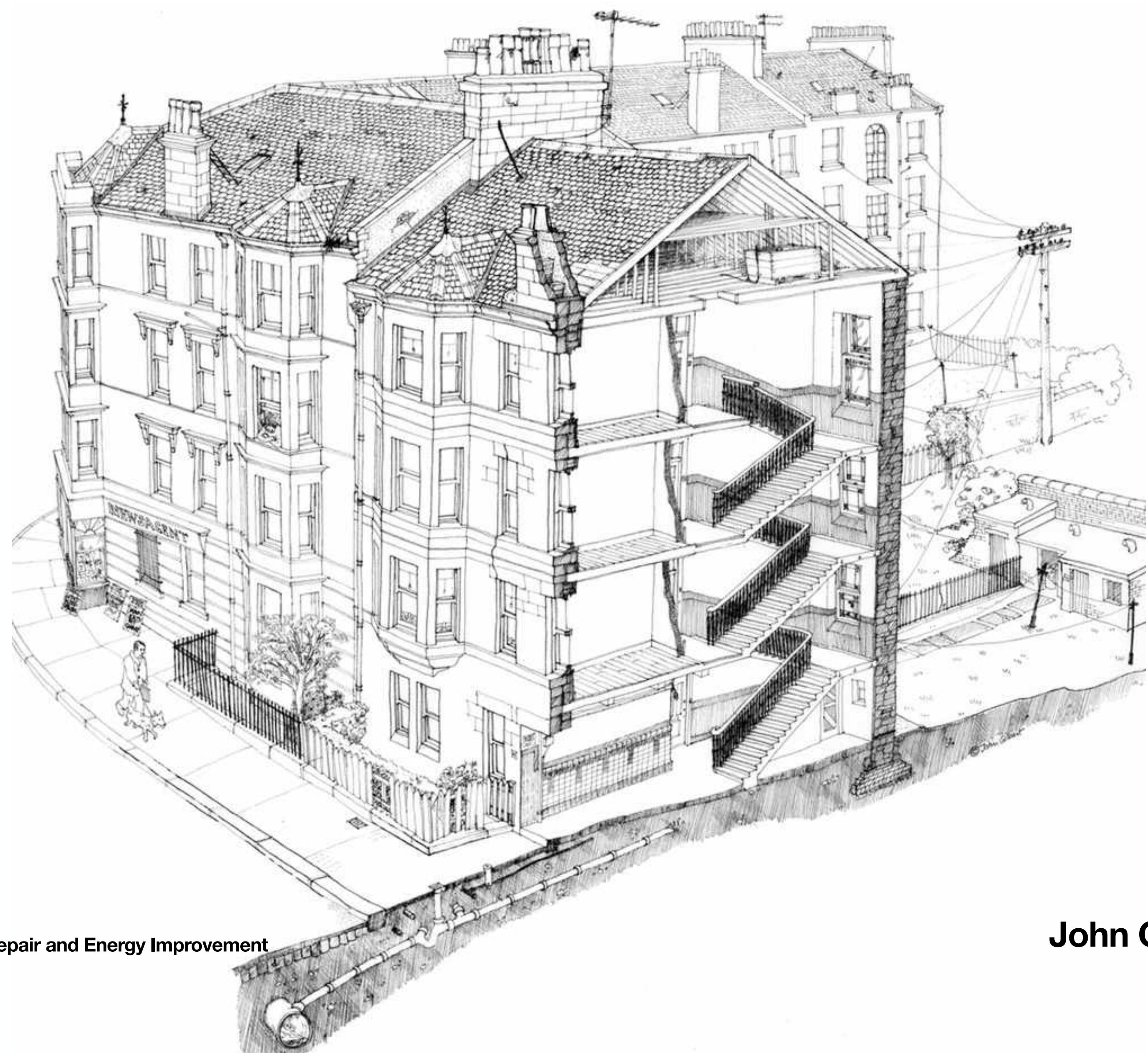
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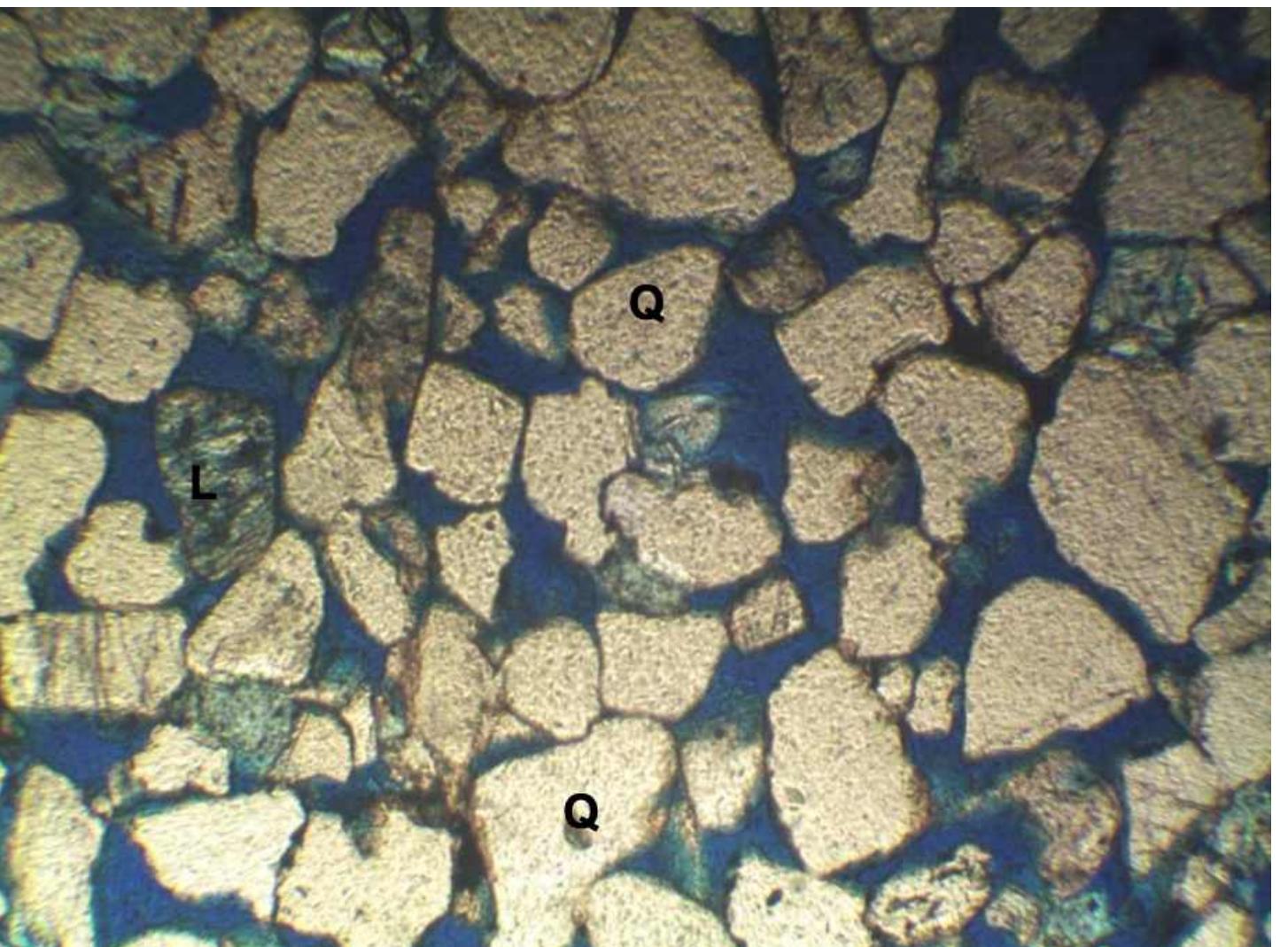
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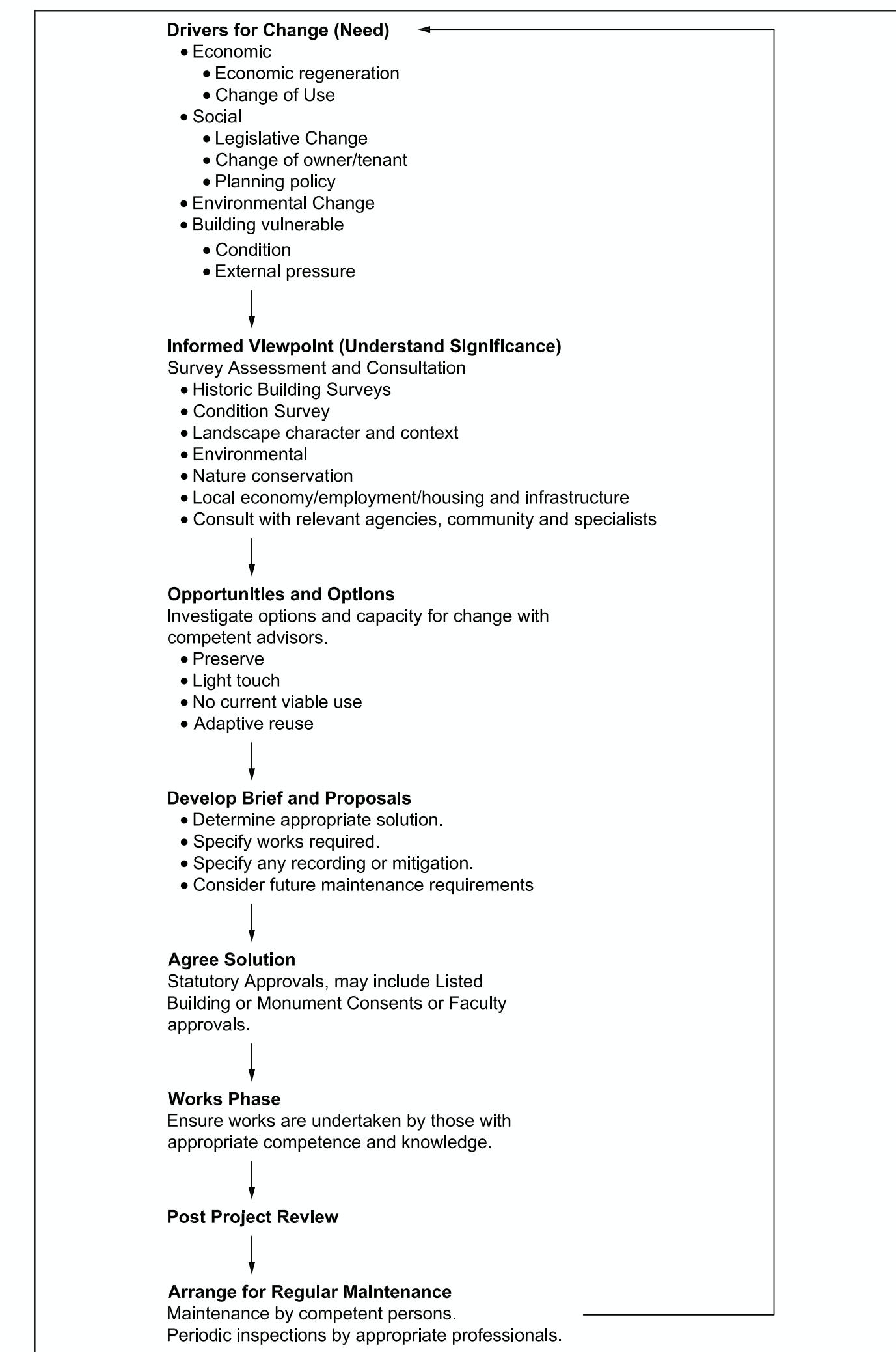
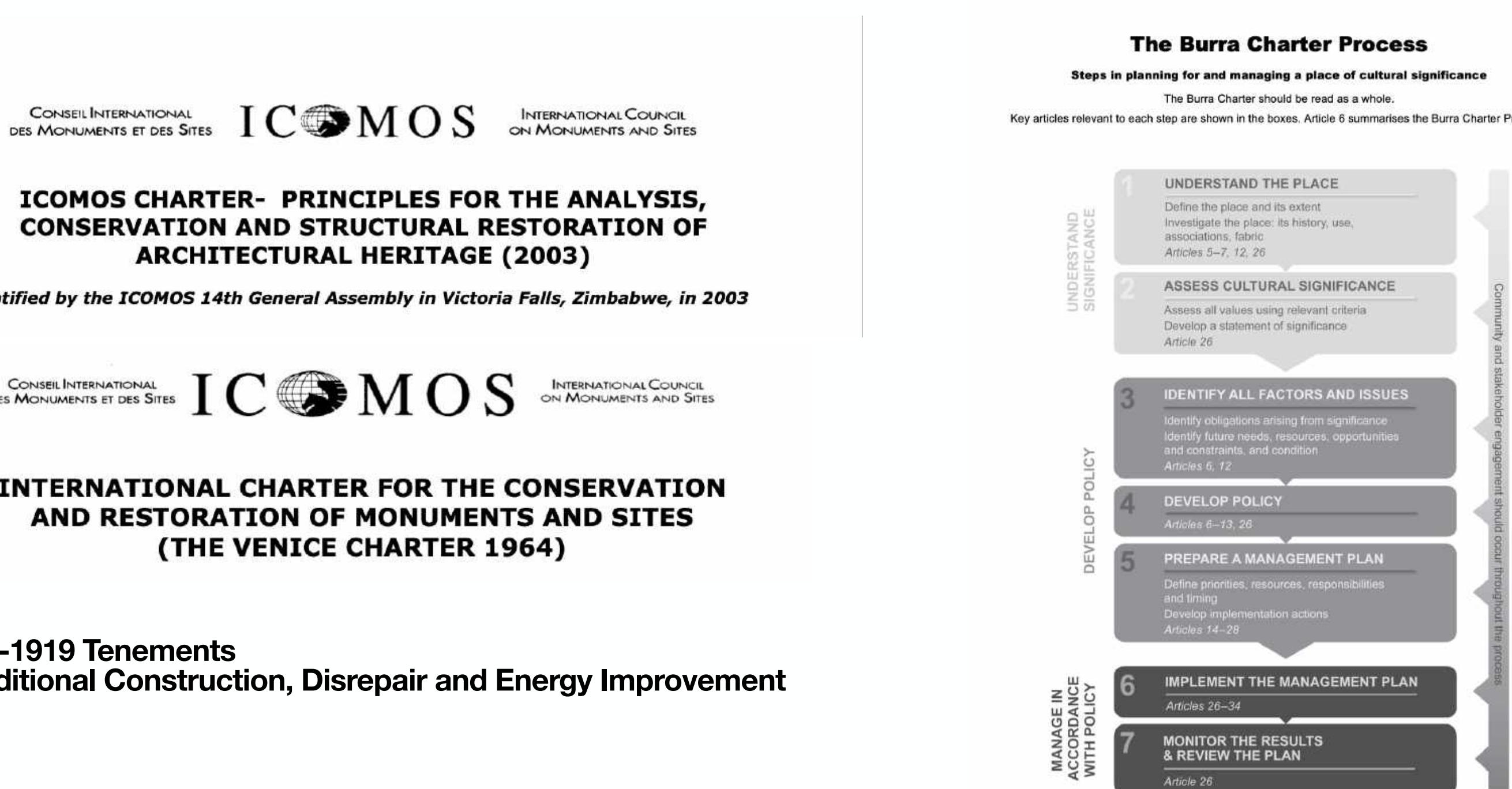


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Figure 1 Conservation process

Stage	Key Focus Areas
1. Understand	History, construction, significance
2. Diagnose	Identify defects and causes
3. Develop a Strategy	Conservation-led, minimum intervention, maximum retention
4. Specify	Compatible materials and skilled craft
5. Execute	Supervision, documentation, and reversibility
6. Maintain	Cyclical care, monitoring, and stewardship



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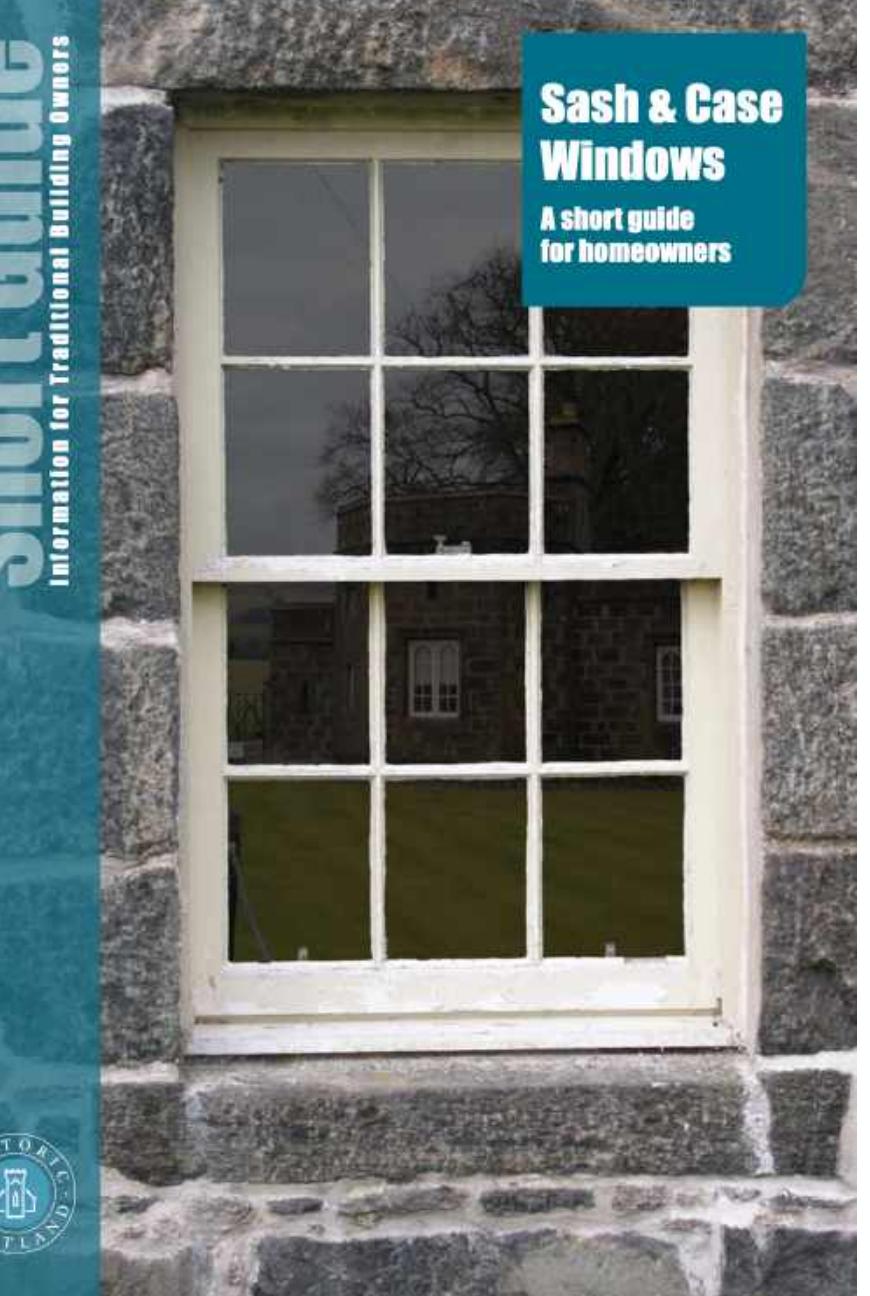
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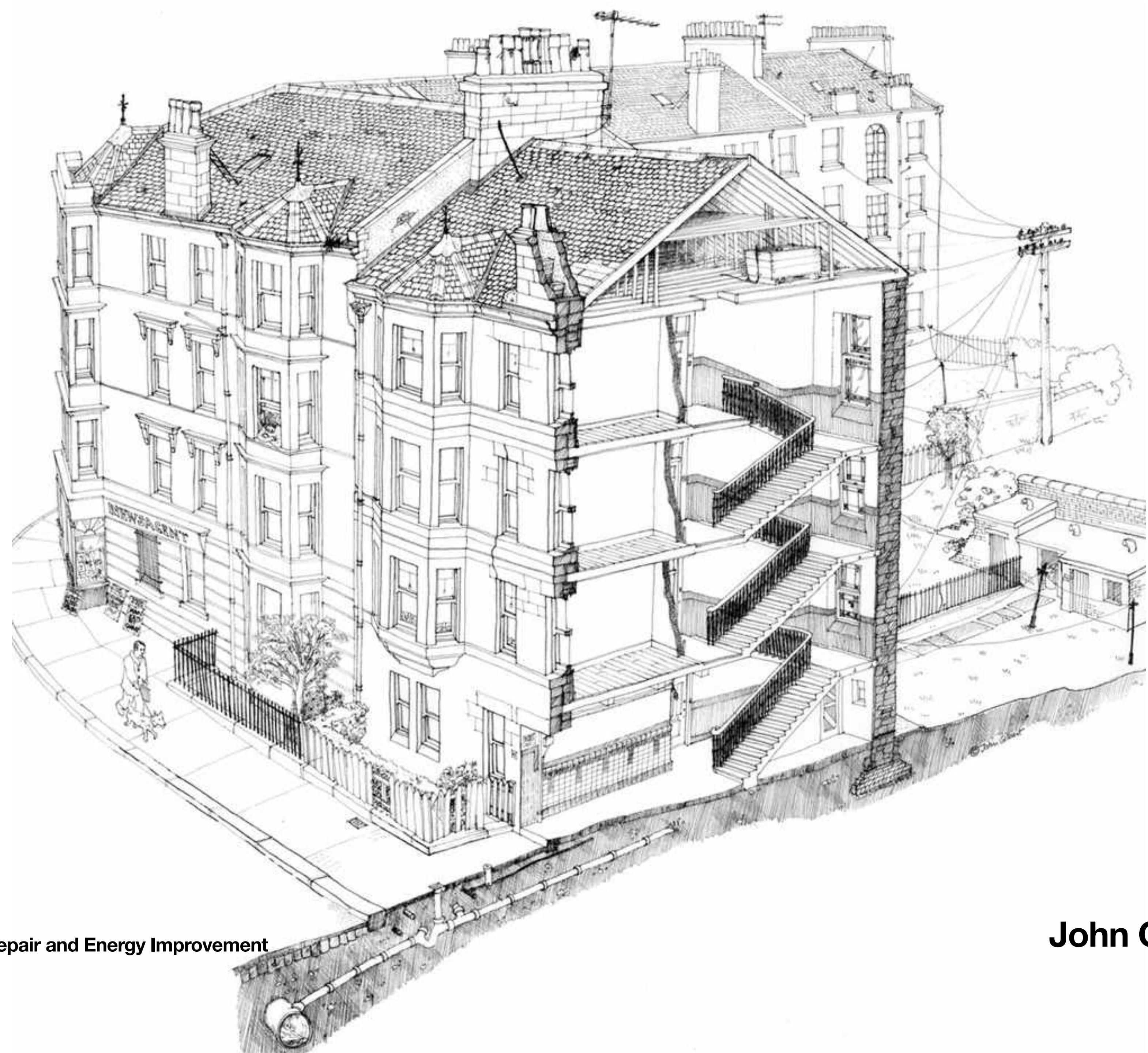
Short Guide Information for Traditional Building Owners

Sash & Case Windows
A short guide for homeowners



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