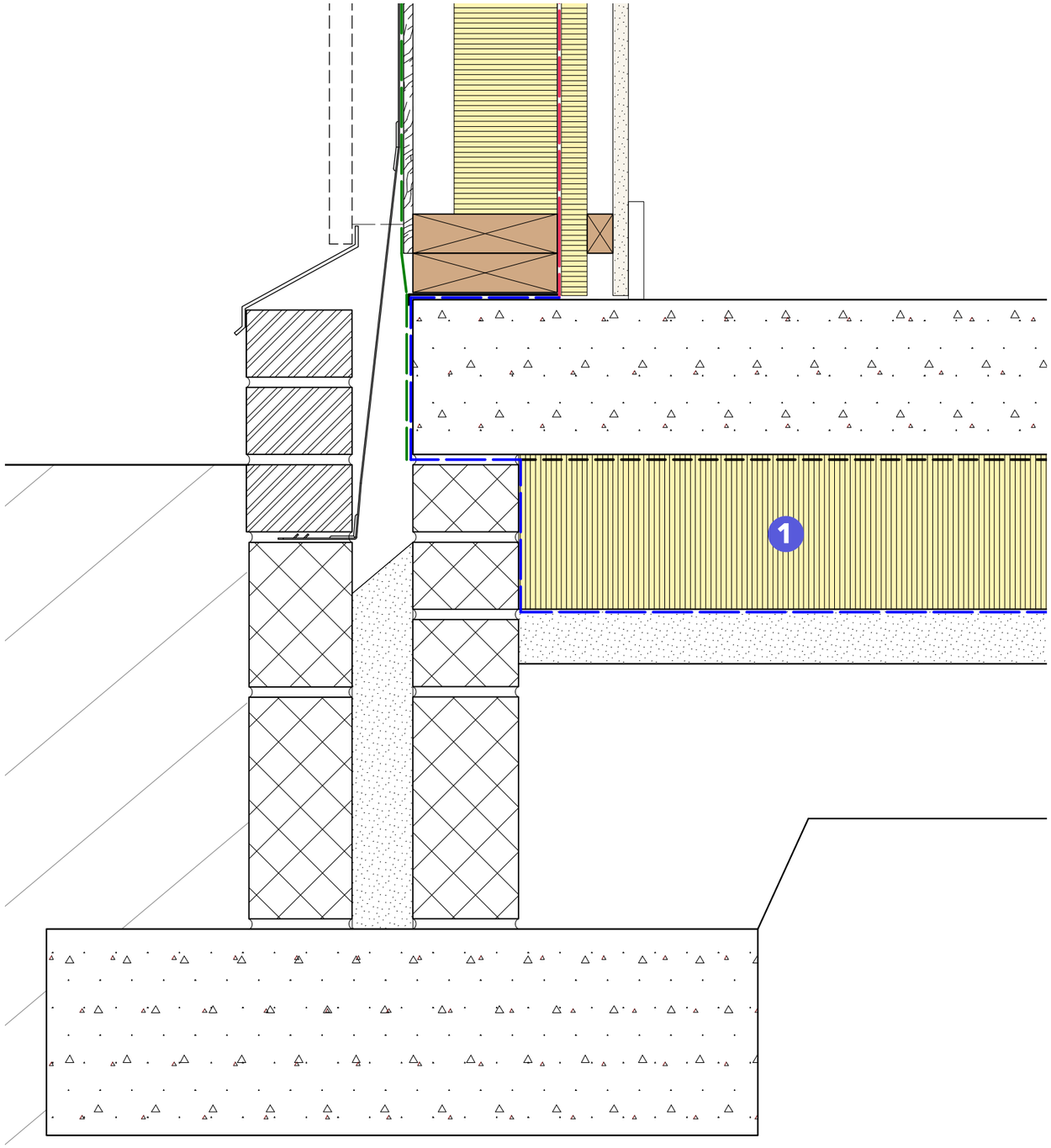
# E5 -02: Suspended Slab

# Psi Value: 0.558 W/mK

f Value: 0.45




## Thermal Compliance Notes

1. 150mm PIR rigid insulation (0.022 W/mK).

## Construction Notes

1. Non-masonry cladding system to be specified and detailed by Principal Designer.
2. When using non-masonry cladding systems, A2 fire rated sheathing is a requirement in England and Wales. It is the Principal Designer's responsibility to confirm fire safety requirements for non-masonry cladding systems in all regulatory locations.
3. Holding down straps, subject to timber engineering design.
4. Membrane and VCL shown may help improve air tightness performance.
5. The Principal Designer should be aware that this detail may be prone to development of condensation and mould. In practice, this may or may not materialise, due to the overall thermal performance of the building.

## General Notes

1. The timber frame detailing arrangements shown are considered common industry practice and align with STA technical guidance and advice where required.
2. All non-timber frame construction detailing, design and specifications, are the responsibility of the Principal Designer.
3. Substructure detailing and ground floor construction, is subject to structural engineer's project specific design, under the responsibility of the Principal Designer.