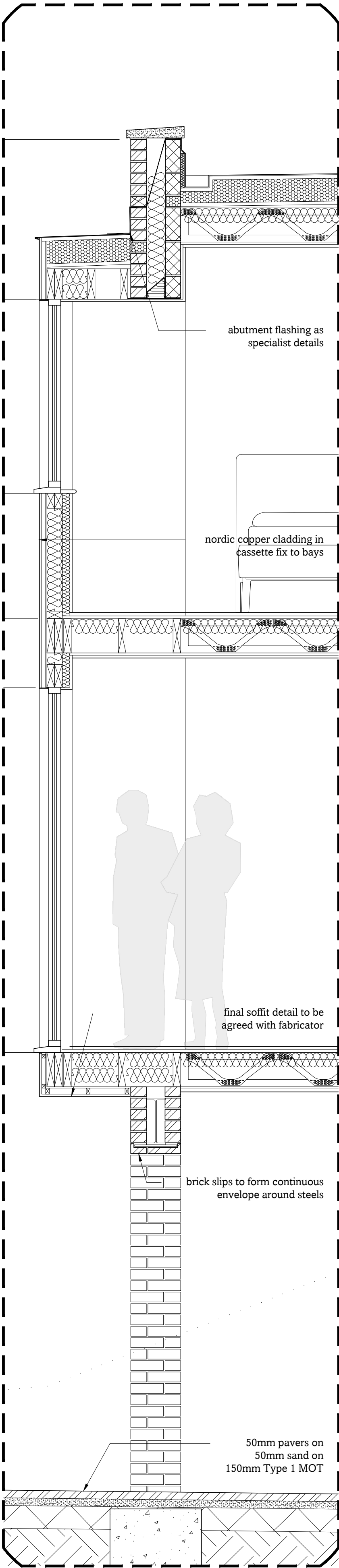




External Wall Construction (vertical walls to rear of mansards & bays) (Houses)

The external wall construction should achieve a minimum U-Value of 0.17w/m²K

- Nordic Copper Cladding by Arubis in Nordic Brown Light
- 12mm WBP plywood
- 25mm x 38mm treated softwood battens (vertical, to form ventilated and drained cavity)
- Breathable membrane by Tyvek
- 9mm MagPly board
- 100mm x 50mm treated timber studwork as Structural Engineer's specification
- 100mm PIR insulation by approved manufacturer between studwork
- 50mm PIR insulation by approved manufacturer on face of studwork
- 12.5mm Gyproc plasterboard by British Gypsum and multi-finish skim

Floor Construction (where external space is below: garages & car ports) (Houses)

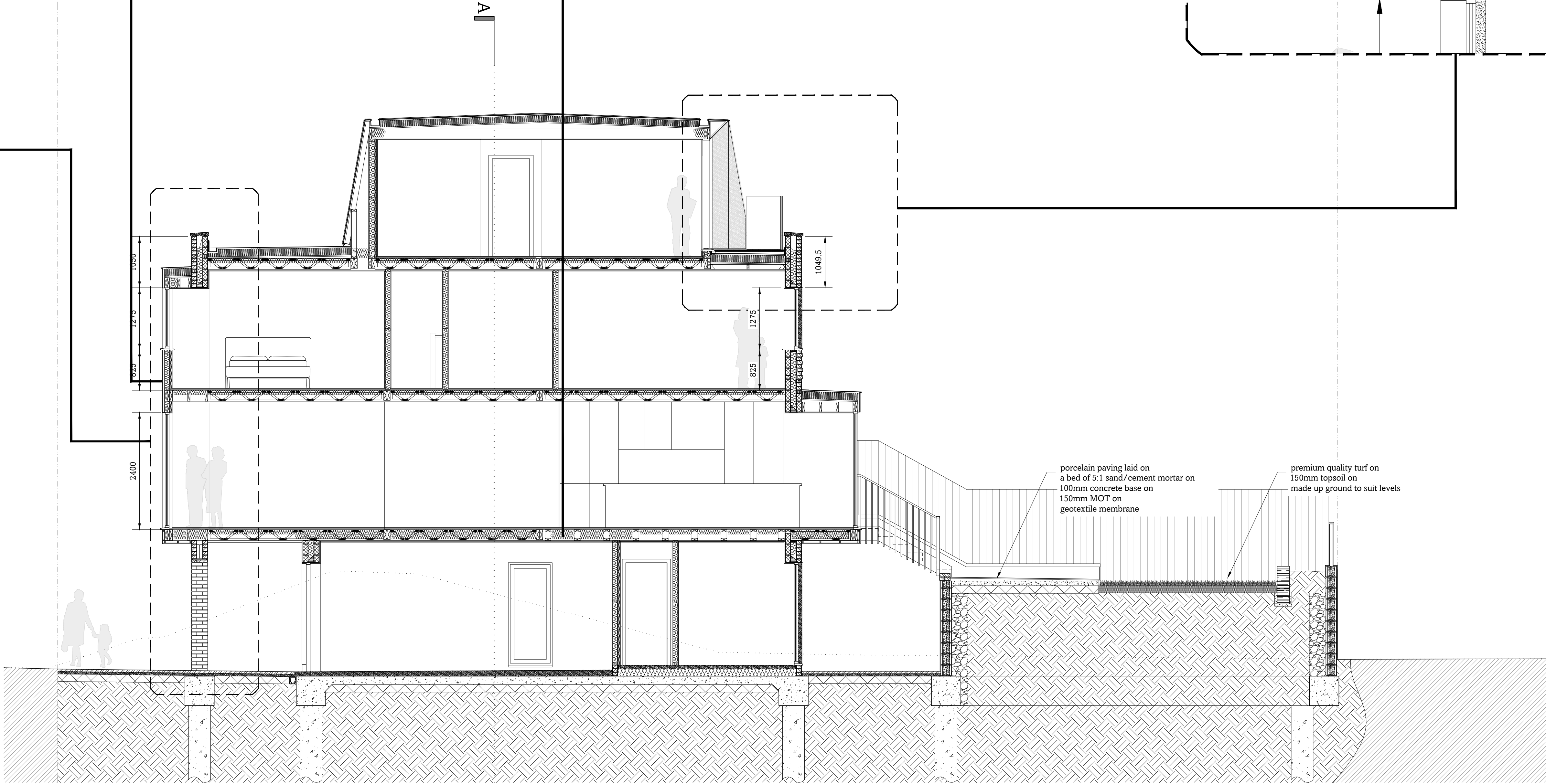
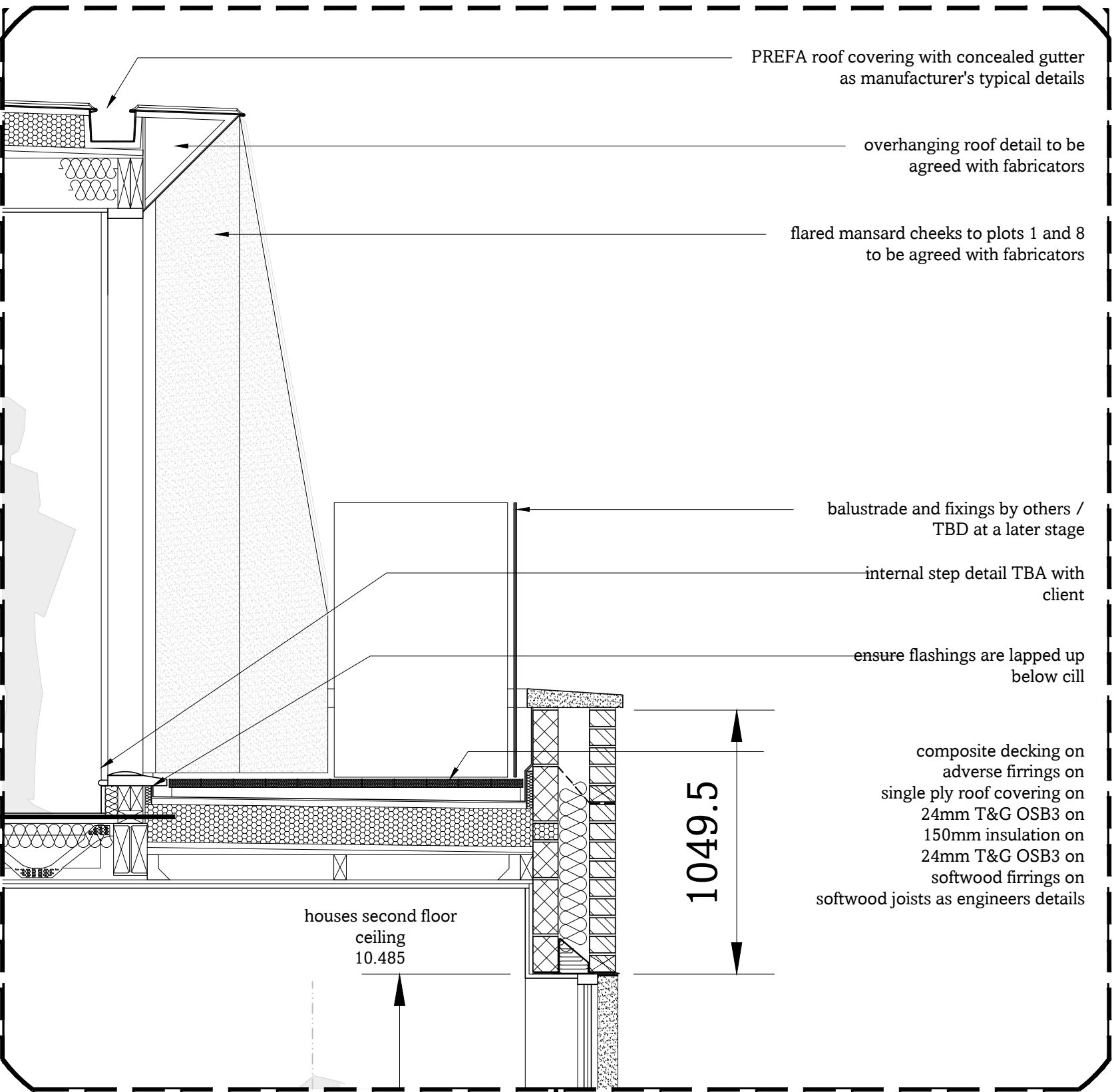
The floor construction should achieve a minimum U-Value of 0.17w/m²K

- Floor finishes as client specification
- 22mm moisture resistant tongue and groove chipboard with a minimum density of 15kg/m²
- 225mm deep Posi joists as the Structural Engineer's specification
- 200mm PIR insulation by approved manufacturer between joists
- 9mm MagPly board (painted black)
- 25mm x 50mm larch battens with 10mm spacings between

Terrace Floor Construction (Houses)

The roof construction should achieve a minimum U-Value of 0.15w/m²K

- Loose laid Forma Composite decking by Ecoscape in Spiced Oak on decking on adverse firings
- Single Ply Membrane by Sika Sarnafil (ensure suitability for terrace use)
- 24mm moisture resistant tongue and groove OSB 3
- 150mm PIR insulation by approved manufacturer
- 22mm moisture resistant tongue and groove OSB 3
- 100mm x 50mm softwood joists as engineer's details
- 12.5mm Gyproc plasterboard by British Gypsum and multi-finish skim



Notes

- All dimensions should be checked on site
- Drawings are shown to scale, however dimensions are available on request
- Copyright of all data produced by Darby Architectural shall remain with Darby Architectural unless otherwise agreed
- Measures to mitigate risk should be considered at all stages of design development and throughout construction

Alert Symbol

Particular attention to be paid where this symbol is placed on a drawing



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Stage

Planning

Client

Southern Rock Property Limited

1:50

metres 1 2 3 4 5

Site

76 - 78A Brighton Road, Lancing

Drawn

CD

Checked

Date

10.03.2026

Drawing Title

Proposed: Section DD

Project No.

0532

Stage

VA 13

Dwg No.

Revision

Sheet Size

A1