



Floor to sitting room/ceiling to cellar to have flooring and rafters laid with 100mm mineral wool between joists

Excavate floor to cellar to 5 Eng specification, constructed new reinforced floor with kerbs to support existing walls. Walls to be torqued using Newtor 500 torquing system with pump to be installed see M&E Eng specification. Method Statement required. Floor to have 50mm polyurethane insulation with 40mm screed over containing underfloor heating pipes. 25mm random sized slate flags laid over with flexible gravel.

1000mm original floor/ceiling level
2400mm proposed floor/ceiling level

New Floor/Ceiling joists: 4900 x 75 x 147 mm set into existing 40mm sockets and doubled up with insulation and underfloor heating pipes laid between joists

concrete/stone and repair top of existing masonry wall to cellar

form two additional timber steps and footstap

G20/05 Construct new floor using 75x150mm doubled up joists with one of each pair set into existing opening. String to confirm being method to partner joists. Wrap end of joists and whole of end joists to isolate from masonry walls. Ensure all timber is treated, including treating any ends which are trimmed on site.

G20/05 Construct new floor using 75x220mm joists set into existing openings. Wrap end of joists to isolate from masonry walls. Ensure all timber is treated, including treating any ends which are trimmed on site.

**Philbeach Farmhouse, Dale, Pembrokeshire
Proposed Repairs**

Section
Scale 1:50
Drawing Reference: ph/06
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Proposed Repairs and Refurbishment

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all measurements to be checked onsite
drawings to be read in conjunction with schedule and specification