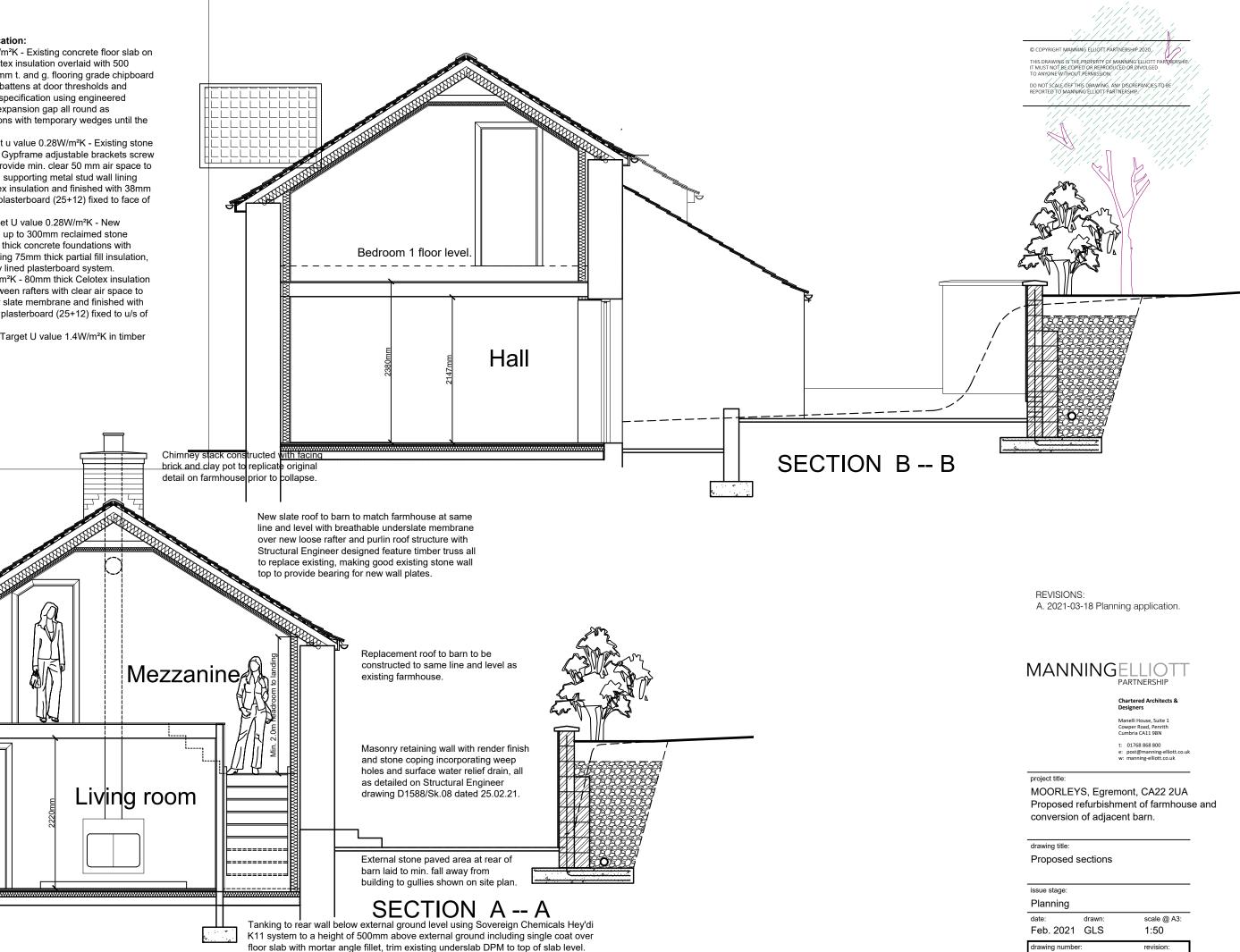
Enclosing elements specification:

Floor - Target U value 0.21W/m²K - Existing concrete floor slab on DPC overlaid with 70mm Celotex insulation overlaid with 500 gauge polythene VCL and 18mm t. and g. flooring grade chipboard with PVA adhesive joints and battens at door thresholds and partitions; floor finish to client specification using engineered laminate flooring allowing for expansion gap all round as manufacturers recommendations with temporary wedges until the adhesive has set

Existing Stone Walls - Target u value 0.28W/m²K - Existing stone walls lined on inside face with Gypframe adjustable brackets screw fixed to face of stone wall to provide min. clear 50 mm air space to stone face of existing wall and supporting metal stud wall lining incorporating 40m thick Celotex insulation and finished with 38mm Gyproc Thermaline insulated plasterboard (25+12) fixed to face of metal studs.

New build stone walls - Target U value 0.28W/m²K - New concrete block cavity wall with up to 300mm reclaimed stone facing all built off new 225mm thick concrete foundations with 125mm clear cavity incorporating 75mm thick partial fill insulation, wall finished internally with dry lined plasterboard system. Roof - Target U value 0.18W/m²K - 80mm thick Celotex insulation inserted as tight friction fit between rafters with clear air space to underside of breathable under slate membrane and finished with Gyrproc Thermaline insulated plasterboard (25+12) fixed to u/s of rafters.

Glazed Windows and Doors - Target U value 1.4W/m²K in timber or aluminium as shown.



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revision:

2102-PI-400