



Ground floor plan
 New floor to be inserted

First floor plan
 Floor to be leveled throughout

Floor - Ground Floor Upgrade to Existing (U-Value 0.23W/m²K)
 - Screed finish incorporating underfloor heating system
 - Vapour barrier
 - 100mm Celotex GA4000 insulation
 - 1200 gauge polythene DPM
 - 150mm concrete floor slab
 - 150mm compacted hardcore

Existing External Timber Frame Wall (U-Value 0.3W/m²K):
 - Existing weatherboard timber frame walls
 - 150mm Thermafleece Cosywool fitted between studs
 - 15mm Savolit boards fitted over insulation and between studs
 - Warmcote internal insulated lime plaster

Existing Roof - Ceiling Level
 - Existing mineral wool loft insulation at ceiling level to be upgraded where possible

New Windows - U-Value 1.4W/m²K
 New Doors - U-Value 1.4W/m²K

NOTE: Cavity closers to be applied to all window and door openings

New internal partitions to be formed of 50x100mm s.w timber studs @ 400 centres and noggins 900mm staggered horizontal centers. Finished with 15mm plasterboard with a skim finish, acoustic insulation is to be tightly fitted between the studwork.

All new internal linings to achieve Class 1 for surface spread of flame.

revision	description	date
Rev A.	Notes added	Sept 2023
Rev B.	Amended for B.C.	Oct 2023
Rev C.	Amended for Planning	Nov 2023
Rev D.	General alterations	Nov 2023
Rev E.	General alterations	Jan 2024

Client: **Diana Coben**

Job Title: **The Barn, High Street, Hopton**

Drawing Title: **Proposed Plans - Construction**

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whitworth
 Chartered Architects & Chartered Building Surveyors
 Unit 12, Park Farm Business Centre, Fornham St Genevieve
 Bury St Edmunds, Suffolk, IP28 6TS
 01284 760421 info@whitworth.co.uk www.whitworth.co.uk

NOTE:
 Do not scale from this drawing. Confirm all dimensions on site. Refer any discrepancies to the Architect before work is put in hand. Read this drawing in conjunction with the relevant sections of the specification, schedule of works and other drawings.

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