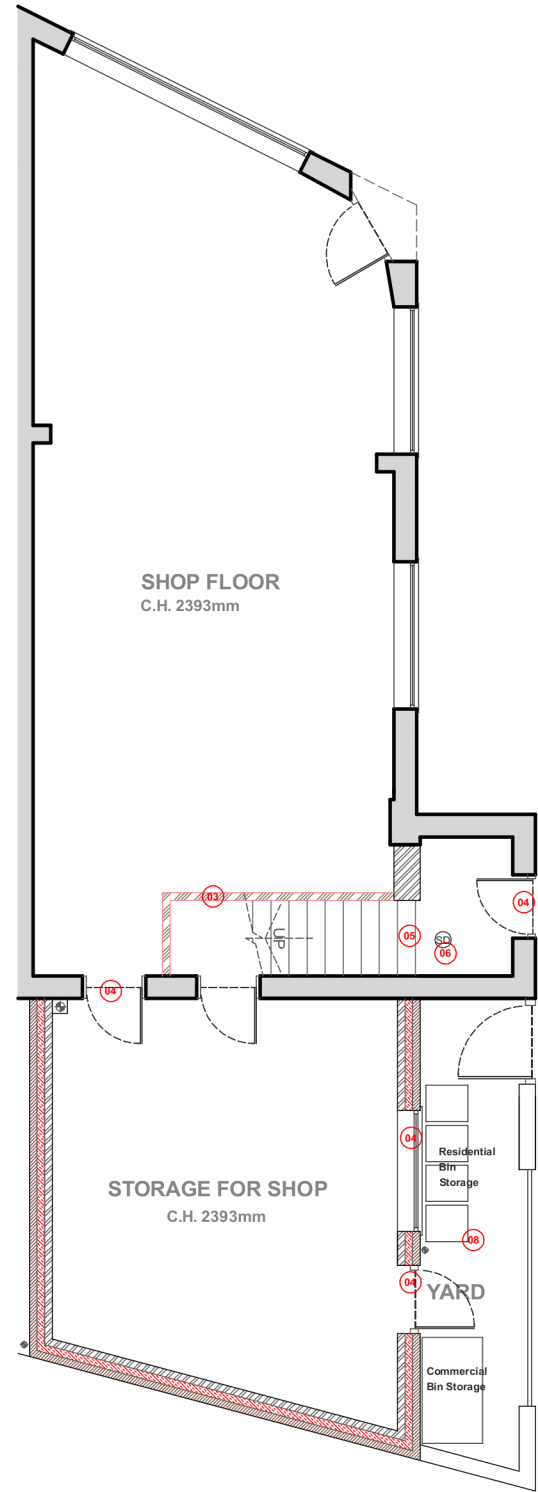
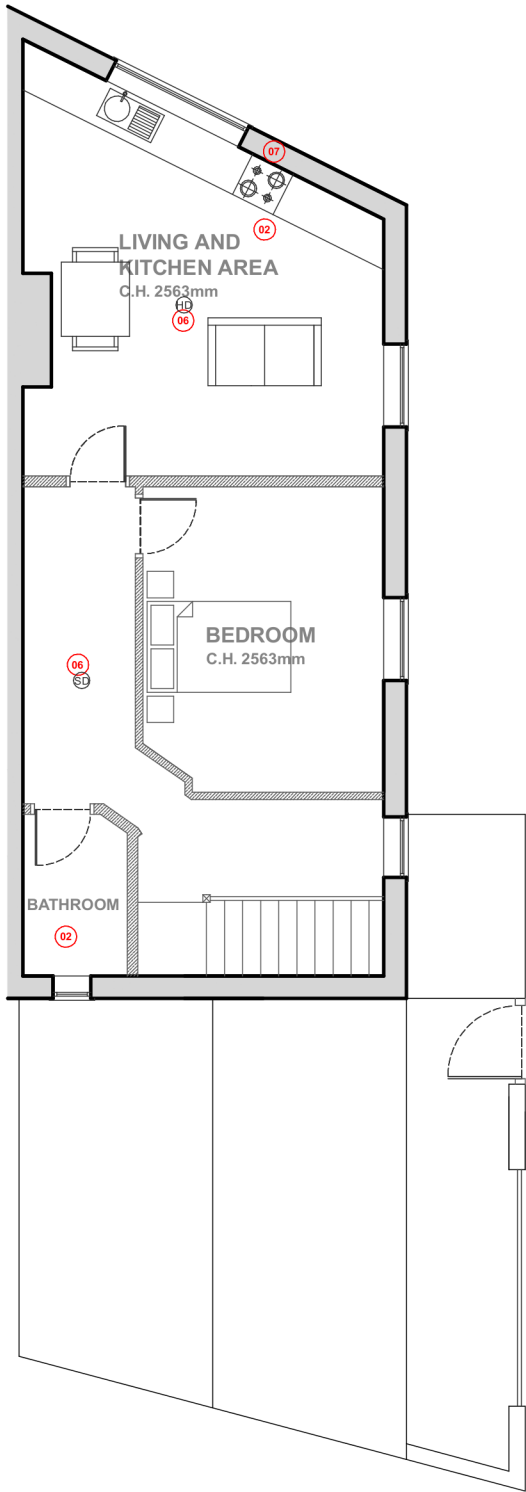




PROPOSED GROUND FLOOR

@ SCALE 1:100



PROPOSED FIRST FLOOR

@ SCALE 1:100

01. EXTRACT FOR SHOWER ROOM

Provide mechanical extract ventilation to shower room ducted to external air capable of extracting at a rate of not less than 15 l/s. Vent to be connected to light switch and to have 15 minute over run if no window in the room. Internal doors should be provided with a 10mm gap below the door to aid air circulation. Ventilation provision in accordance with the Domestic Ventilation Compliance Guide. Intermittent extract fans to BS EN 13141-4. All fixed mechanical ventilation systems, where they can be tested and adjusted, shall be commissioned and a commissioning notice given to the Building Control Body.

PURGE VENTILATION

Minimum total area of opening in accordance with Table 1.4 Approved Document F1. Hinged or pivot windows with an opening angle of 15 to 30 degrees to have an openable area in excess 1/10 of the floor area of the room. External doors and sash, hinged or pivot windows with an opening angle of equal to or greater than 30 degrees to have an openable area in excess of 1/20 of the floor area of the room. Purge ventilation should be capable of extracting at least 4 air changes per hour per room directly to the outside. Internal doors should be provided with a 10mm gap below the door to aid air circulation.

BACKGROUND VENTILATION

Controllable background ventilation at least 1700mm above floor level to be provided to habitable rooms and kitchens at a rate of min 8,000mm², and to bathrooms at a rate of min 4000mm². Total number of ventilators installed in a dwellings habitable rooms to be at least 4 ventilators for one bedroom dwellings and 5 ventilators for dwellings with more than one bedroom. Background ventilators to be tested to BS EN 13141-1. Background ventilator equivalent area and operation to be measured and recorded. Noise attenuating background ventilators should be fitted to facades with sustained loud noise. Where the extension connects to in an existing room and as a result the existing room is left with no windows or background ventilation less than 5000mm², then the new room background ventilation to be at least 10,000mm² equivalent area. Where the extension connects to in an existing room and as a result the existing room is left with background ventilation at least 5000mm², then both the following is to be provided:

- Background ventilators of at least 12,000mm² equivalent area should be provided between the two rooms.
- Background ventilators of at least 12,000mm² equivalent area between the additional room and the outside.

C2. CONDENSATION

Walls, floors and roof of the building to be designed and constructed so that their structural and thermal performance will not be adversely affected by interstitial condensation, surface condensation or mould growth. Account to be taken of the building's form and orientation in relation to topography, prevailing winds, sunlight and over-shadowing, and the rate at which humidity is generated. Materials with the highest vapour resistance should be located on the warm side of a thermal element. VCLs to be provided where necessary. The junctions between elements are designed to Accredited Construction Details or guidance of BRE IP17/01] and BS 5250:2021 Management of moisture in buildings to be followed.

02. Layouts for shower room and kitchen to client specification and drainage plans to suit these layouts.

03. INTERNAL STUD PARTITIONS

100mm x 50mm softwood treated timbers studs at 400mm ctrs with 50 x 100mm head and sole plates and solid intermediate horizontal noggins at 1/3 height or 450mm c/c.s. Provide min 10kg/m³ density acoustic soundproof quilt tightly packed (e.g.100mm Rockwool or Isowool mineral fibre sound insulation) in all voids the full depth of the stud. Walls faced throughout with 12.5mm plasterboard with skim plaster finish. Plasterboard to be taped and jointed complete with beads and stops. New staircase to be 60 minute fire protected with 15mm fireline board either side of stud partition with fully taped joints. Staircase to be underdrawn with two layers of 12.5mm fireline board with joints staggered and fully taped to manufacturers specifications. All with plaster skim finished.

04. LINTELS

Lintel widths are to be equal to wall thickness. All lintels over 750mm sized internal door openings to be 65mm deep pre-stressed concrete plank lintels. 150mm deep lintels are to be used for 900mm sized internal door openings. Lintels to have a minimum bearing of 150mm on each end. Any existing lintels carrying additional loads are to be exposed for inspection at commencement of work on site. All pre-stressed concrete lintels to be designed and manufactured in accordance with BS EN 1992-1-1, with a concrete strength of 50 or 40 N/mm² and incorporating steel strands to BS 5896 to support loadings assessed to BS 5977 Part 1. For other structural openings provide proprietary insulated steel lintels suitable for spans and loadings in compliance with Approved Document A and lintel manufacturer's standard tables. Stop ends, DPC trays and weep holes to be provided above all externally located lintels. Independent lintels to have an insulated cavity closure between the inner and outer lintel.

05. BEAMS

Supply and install new structural elements such as new beams, roof structure, floor structure, bearings, and padstones in accordance with the Structural Engineer's calculations and details. New steel beams to be encased in 12.5mm Gyproc FireLine board with staggered joints, Gyproc FireCase or painted in Nullifire S or similar intumescent paint to provide 1/2 hour fire resistance as agreed with Building Control. All fire protection to be installed as detailed by specialist manufacturer.

06. SMOKE DETECTION

Mains operated linked smoke alarm detection system to BS EN 14604 and BS 5839-6:2019 to at least a Grade D category LD3 standard to be mains powered with battery back up to be installed. At least one smoke detector to be provided in each hallway and landing. In hallways exceeding 7.5m in length, no point within the hallway should exceed 7.5m from the nearest detector and no bedroom door should be further than 3m from the nearest smoke alarm. If ceiling mounted they should be 300mm from the walls and light fittings. The kitchen area to be provided with an interlinked heat detector with battery back up.

07. EXTRACT TO KITCHEN

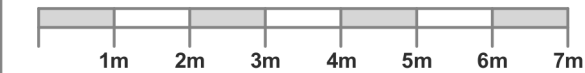
Kitchen to have mechanical ventilation with an extract rating of 60 l/s, or 30 l/s if adjacent to hob to external air. Internal doors should be provided with a 10mm gap below the door to aid air circulation. Ventilation provision in accordance with the Domestic Ventilation Compliance Guide. Intermittent extract fans to BS EN 13141-4. Cooker hoods to BS EN 13141-3. All fixed mechanical ventilation systems, where they can be tested and adjusted, shall be commissioned and a commissioning notice given to the Building Control Body.

08. Landscaping to external areas to owner specification.

KEY:

	Facing Brick		Beam/Lintel
	Blockwork		Party Line
	Stud		Inspection chamber
	Insulation		Rodding eye
	Main Walls		Foul water drain
	Exi. internal walls		Rain water drain
	Smoke detector		Rain water pipe
	Heat Detector		Soil vent pipe

Scale 1:100 @ A3



Contractor to visit site prior to commencement of work and check all dimensions and familiarise himself with the site conditions. This drawing must then be checked and verified by the contractor prior to work commencing on site. This drawing is for the purpose of achieving local authority approval only and should not be used as a working drawing. Client must have received written approval from both the local authority, planning and building control departments before instruction or commencement of any building works on the relevant site. Client to obtain written permission from relevant bodies for any encroachment whatsoever. All workmanship, materials and construction to comply with Building Regulations, British Standards, Codes of Practice and N.H.B.C requirements whether or not specifically stated on these drawings. All materials to be fixed, applied or mixed in accordance with manufacturers instructions or specifications. All materials shall be suitable for their purpose. The contractor shall take into account everything necessary for the proper execution of the works, to the satisfaction of the "Inspector" whether or not indicated on the drawings. Sample of external materials to be submitted to la for approval. All external timber to be preservative treated. All air bricks to be ducted through walls. Where additional load is to be applied over existing openings, lintels to be exposed and checked for structural stability to the satisfaction of local building control officer.

All dimensions to be checked and verified on site before commencement of work. Any discrepancies to be resolved before commencement of work.

All work to comply with current building regulations and to the approval of the building inspector.

All dimensions and ground levels to be confirmed on site before work commences.

Foundation sizes and depths shown are minimum requirement and subject to change if adverse ground conditions are found under inspection with building control officer.

All loadbearing lintels and beams to be proprietary pressed steel lintels (catnic or similar) with all design and calculations provided by manufacturer and to be approved by building control inspector.

Contractor to visit site, study the details provided within the drawing and be familiar with both the work to be carried out in accordance with the details provided. Any stated dimension must be checked prior to any form of construction. Once work has started on site all work is the contractors responsibility.

All plans to have planning and building regulations approval before commencement of work on site (including purchasing of materials). Contractors responsibility to check. All kitchen/ bathrooms/ w.c./ utility etc fixtures and fittings to be measured on site by appropriate trade and not to be scaled from this plan.

All dimensions are approximate and should be checked prior to commencement of work on site. Do not scale from this drawing. Dimensions could be rounded.

New structural work (steels/ lintels for openings, roof structure etc.) and overall stability to be checked by structural engineer prior to commencement of work. (contractors/client responsibility)

Clients reponsibility to deal with party wall agreements. No building works to overhang or encroach neighbouring properties.

CLIENT:
Rajeev

ADDRESS:
50 Yewtree Rd,
Fallowfield, M14 7PP

DWG TITLE:
Proposed Plans

DWG REF.:
50YEW_PRO

DATE:
14/05/2024

SCALE:
1:50 @ A1
1:100 @ A3

REVISIONS:
FIRST DRAFT
PLANNING

