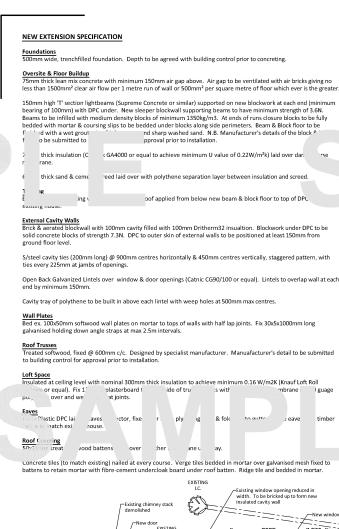
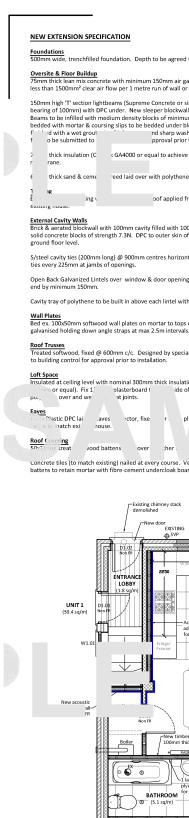
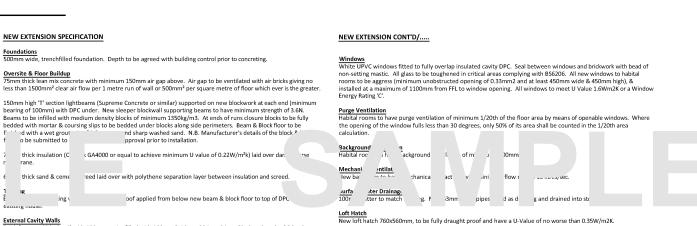
NEW EXTENSION SPECIFICATION o be submitted to ties every 225mm at jambs of or po, over and we at joints. Roof Covering







Loft Hatch New loft hatch 760x560mm, to be fully draught proof and have a U-Value of no worse than 0.35W/m2K.

EXISTING HOUSE SPECIFICATION

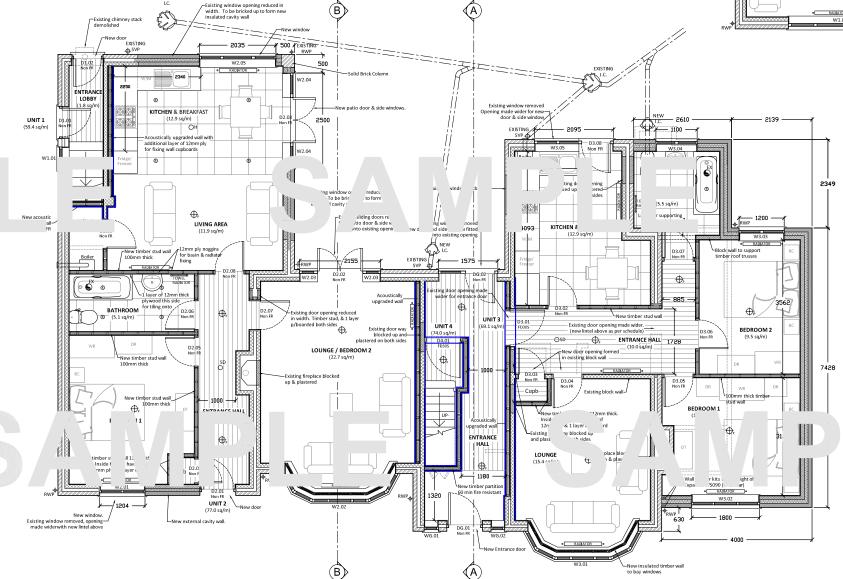
Each flat to be self contained with own kitchen & bathroom, electricty & gas supply, & water.

Each flat is to have sound insulation tests carried out in accordance with Part 'E' building regulations. This is to be carried out by a specialist contractor with appropriate third party accreditation such as UKAS. The building contractor is to work closely with the accredited test inspector ensuring correct methods of acoustically upgrading walls & ceiling is carried out.

Acoustically Upgraded Walls 100mm block masonry walls splitting habital rooms & common areas and walls splitting adjacent flats to be acoustically 100nm block masonry walls splitting habital rooms & common areas and walls splitting adjacent flats to be acoustically upgraded to meet current Part: E' building regulations. This is to be achieved by installing new independent panels to one side and not be in contact with the existing wall. Minimum mass per unit area of panel (excluding supporting framework) to be 20kg/m2. The existing wall is to be made good of any defects, including filling cracks and gaps in plaster. New 3'v2' timber framework to be fitted with a minimum 10mm gap between frame and existing wall. Mineral wool insulation of 35mm minimum thickness and minimum density of 10kg/m3 to be fitted between studs. 2no layers of plasterboard to be screwed to supporting frame with staggered joints. Perimeter of new independent sealing to the readed with tangen or sealant. panelling to be sealed with tape or sealant

eperating Floors
Floors between flats to be acoustically upgraded to meet Part 'E' building re some calling below the existing at ground floor level. Metal frame systen in thangers, insulation to be installed & 2 layers of 12.5mm fire such 15.6mm for with T&G chipboard with proprietary acoustic floating floor laid ove. 'On draw on draw in the control of the contro /05 for details). Please note that the above detail is to be checked by acoustic engineer be ny wor' out and submitted to building control for approval / comment

Ex All existing external cavity walls where no insulation is present, are to be filled with Polypean / Polypear Plus insulation is present, and to most Part 118 building regulations. as recommended by specialist contractor and to meet Part L1B building regulation



PROPOSED FIRST FLOOR PLAN Scale 1:50

Φ,

500mm high wall tiling bove work surface

EXISTING HOUSE CONT'D/...... arating flats -Ils are being acr ally ded, plast at be 1 in k firel c of overh oor cl minimum hi ar in intun be non tirs (see d hadida) ard. Fla+ "airs to F! be i drawn with 2 s of 1 m fir ard.

ENTRANCE HALL

D4.02 Non FR

ooms to have a means of escape by either an external door or the egress window in accordance with rais or building regula

Services penetrating floors between flats & penetrating fire walls to be fire stopped in accordance with Part 'B' building regulations.

Light fittings installed in the fire protected ceilings to be fire rated to maintain the integrity of the ceiling or alternatively fitted within a fire hood.

Fire & Smoke Alarms to be fitted within the main circulation area of each flat as indicated on the proposed plans and are to be mains connected on separate circuit. Fire/smoke detectors to be no more than 7.5m away from the entrance door to all habital rooms within flat. The fire/smoke alarm sensor to be ceiling mounted and be a minimum 300mm from walls and light fittings (unless light fitted has test evidence to proof the proximity of the fittings will not adversely effect the efficiency of the detector).

BEDROOM 1

(15.2 sq/m

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Ф.

Opening from house to new extension Existing door opening to be made wider. 2no solid wall lintels to be fitted over (Catnic CN6XB or equal) and to overlap wall at each end by 150mm.

New Boilers, Heating System & Domestic Hot Water
New boilers to each flat to be located as indicated on the drawings. The new boilers are to be installed in accordance with the manufacturers instructions by a competent person and in full compliance with Part 'L' building regulations. New heating system & domestic hot water services to be designed and installed in accordance with domestic Heating Compliance Guide & EST Best Practice Standards. Commissioning certificate to be supplied to building control on completion New boiler to have minimum SED BUK rating of 90%.

Electrical Safety
All electrical works to be carried out must be designed, installed, inspected & tested by a NICEIC registered contractor and in accordance with Electrical Safety
Part 'P building regulations. Upon completion, building control to be provided with an electrical safety certificate to BS 7671 by the contractor. secured to be located between 450mm and 1200mm above finished floor All new switches &

New Electricity & upplies
New gas service pi oplies to routed from the mains. Position of new meters to be a "ding control in wastes etc to be connected to existing drainage system. There should be eed for negligible Air Admittance Valves (A.A.V.) are to be installed with a BBA certificate is.

All new above ground waste pipes are to be fitted in compliance with 85 4514:2001. To prevent gasses entering the building, all appliances such as sinks, washbasins, baths, showers etc shall be installed with a water seal trap. Wastes from WCs to be 100mm dia UPVC pipe. Waste pipes serving basins with a run less than 3m long shall be 32mm dia, and those serving baths, showers & sinks shall be 38mm dia. Any waste pipe over 3m long or combined waste shall be 50mm dia.

Where indicated on drawing, new inspection chambers (I.C.), 200mm dia shall be fitted for inspection and roding purposes

New below ground drainage pipe to be formed using flexible jointed pipes and fittings to be used in compliance with BS 7158 and BS 801. Underground drains nm dia UPVC proprietary pipework with 1:40 fall. Pipes to be covered all round with 100mm pea shingle

Existing Loft Space insulated at ceiling level with nominal 300mm thick insulation to achieve minimum 0.16 W/m2K (Knauf Loft Roll 270mm or equal).

GENERAL KEY FD30S / Non FR - Fire door rating - Rain Water Pipe - Soil Vent Pipe - 60 min Fi htection - Inspection Chambe (G)I.C. - Inspection Chambe 200mm dia OSD - Smoke Detector - Heat Detector - Recessed Spot Light - Pendant Light - Extractor Fan, vented to outside

BEDROOM 1

Issue: CONSTRUCTION tional notes added in red. $\mathcal{M}_{\mathcal{D}}$ 22 School Road, Kedington, Suffolk, CB9 7NG Marshall Davis Design **Manor House Farm** Hamlett Road, Haverhill, Suffolk CB9 8EH Conversion of Existing Dwelling Proposed Floor Plans Drg Size: A1 Date: 15/09/2013

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