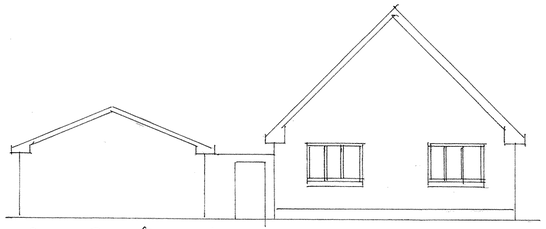
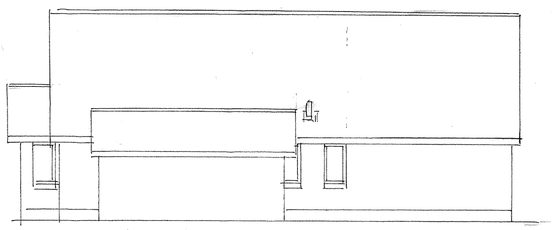
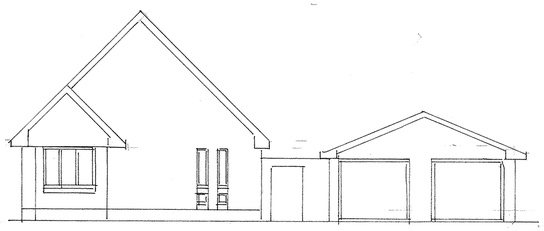


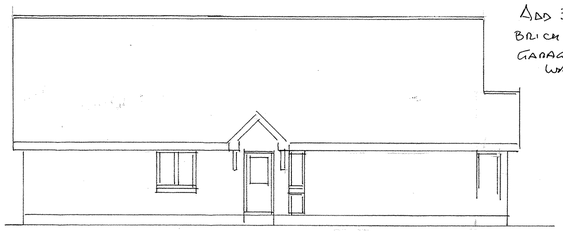
REAR ELEV. (EXISTING) 1:100



SIDE ELEV. (EXISTING) 1:100



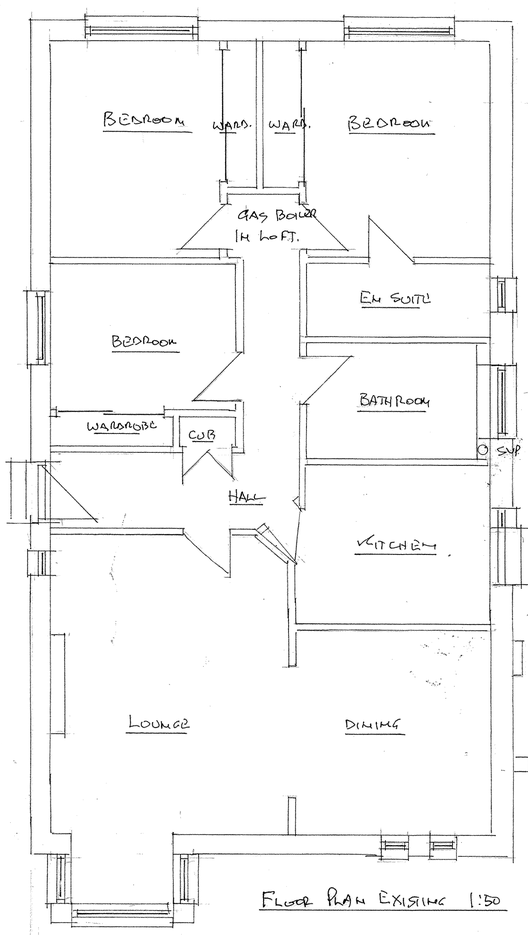
FRONT ELEV. (EXISTING) 1:100



SIDE ELEV. (EXISTING) 1:100

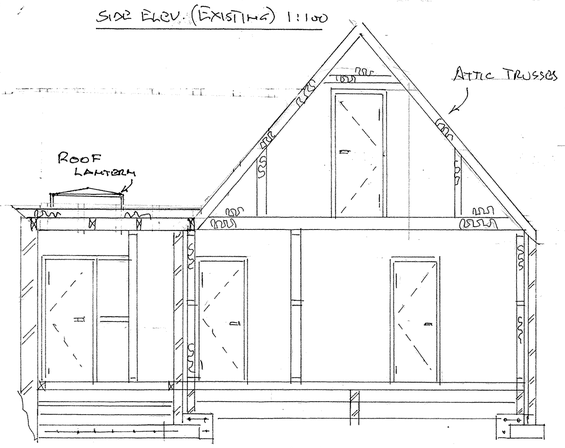
0 5 10 METRES

1:100 SCALE BAR

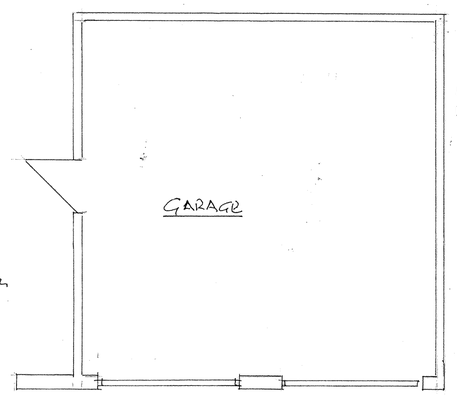


FLOOR PLAN EXISING 1:50

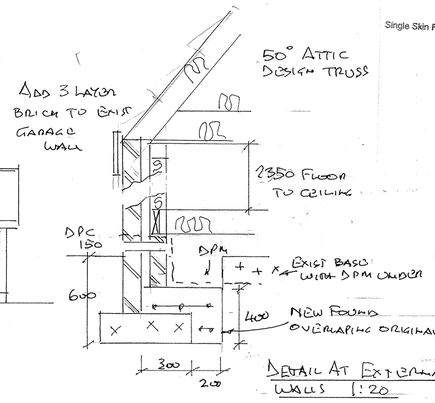
0 1:50 SCALE BAR 5 METRES



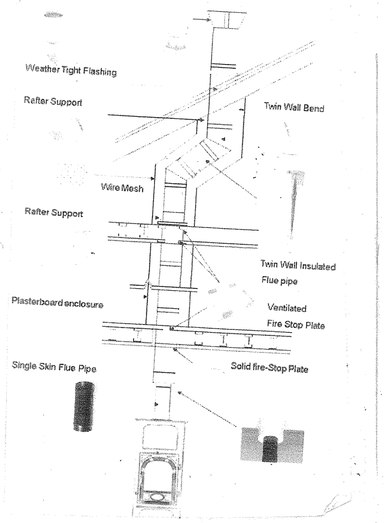
SECTION A-A 1:50



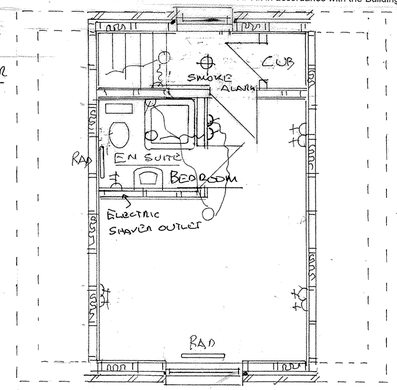
PLAN (EXISTING) 1:50



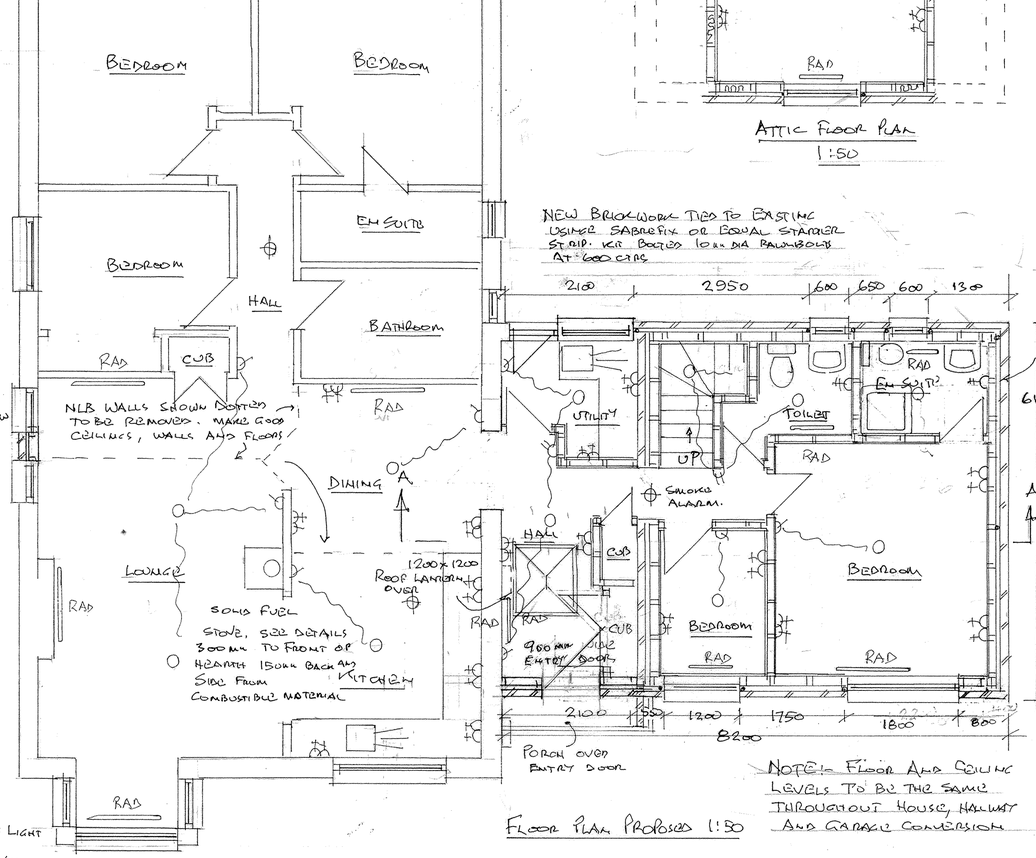
DETAIL AT EXTERNAL WALLS 1:20



SOLID FUEL STOVE DETAILS - TO BE INSTALLED BY HETAS APPROVED CONTRACTOR



ATTIC FLOOR PLAN 1:50



DOUBLE 13A SOCKET
LIGHT SWITCH
CEILING LIGHT
SMOKE/HEAT ALARM

FLOOR PLAN PROPOSED 1:50

NOTE: FLOOR AND CEILING LEVELS TO BE THE SAME THROUGHOUT HOUSE, HALLWAY AND GARAGE CONVERSION

Specification

Roof
Pitch 50 degrees with Marley Mendip or equivalent smooth concrete interlocking roof tiles on 25 x 50 treated battens and counterbattens on reinforced roof felt on 9.5 mm exterior grade OSB boarding on certified attic design timber roof trusses at 600 mm centres fixed to headbinder with galvanised truss clips supplied by truss manufacturer. Windbracing 22 x 95 to truss manufacturers specification. All to BS 5626 appendix A. Kingspan Kooltherm K7 insulation 100 mm thick laid between the roof trusses and 100 mm thick laid over truss ceiling ties at right angles. Plasterboard 12.5 mm thick with tape and fill finish. (U value for roof 0,11)

Walls
Outer wall Brickwork minimum compressive strength 7KN. Damp proof course below floor level and 150 mm above finished ground level. Cavity 50 mm wide with fire stops as indicated on drawing. Slimvent cavity vents as shown at 1.2 mm centres at top and bottom of each kit section.
Inner wall Breather membrane on 9.5 mm OSB board on 97 x 47 treated timber framing at 600 mm centres. Kingspan Kooltherm K12 insulation 70 mm thick between studs with polythene vapour barrier. Kingspan K118 insulated plasterboard 52.5 mm thick to inside of studs. Tape and fill finish (U value for wall 0.17) Wall ties to be Catnic type BT2 or equal and nailed to studs with stainless steel nails at 600 mm horizontal and 450 mm vertical spacing .Holding down straps galvanised steel 1200 x 30 x 2.5 mm at 2.4 mm centres and nailed to studs wit 6 no. 3.36 x 65 mm steel ring shank nails and built into foundation brickwork.

Floor
Floor Tongue and grooved V313 moisture resistant chipboard flooring 22 mm thick on 147 x 47 mm treated timber floor joists at 400 mm centres nailed to wallplate with single and double edgebinders as indicated. Kingspan type K103 Kooltherm insulation170 mm thick between floor Joists (U value for floor 0.15)

Foundations
Concrete grade RC35 strip foundations 600 mm wide 200 mm deep with A393 fabric reinforcement 50 mm cover top and bottom. Top of foundations to be 450 mm below finished ground level or at depth of existing whichever is greater.

Drainage
Soil drain pipe to be 100 mm UPVC to toilets and sinks to have 42 mm dia pipework and WHB 35 mm dia pipework .Drains to be to BS EN 12056-1 and BS EN 1610 1998. New Marley deepflow gutters connected to existing rainwater drainage. Rodding access a shown on drawing. Rainwater drains to be to BS EN 752 National Annex (2008) . Drains under foundations to be protected as shown on drawing.

Electrical
All electrical installations to comply with BS 7671 (2018)and to be carried out by a SELECT or NICEIC contractor. Electrical contractor to supply appropriate certificate. All mains operated smoke and heat detectors to be designed and installed to BS 5446 part 1 (2000) and interlinked. All new fixed light fittings to have low energy lamps. Optical smoke detectors to be manufactured by BRK their model 680 MBX or equal and to comply with BS EN 14604 (2005). Heat detectors to be manufactured by BRK their model 690 MBX or equal and to comply with BS 5446 part 2 (2003). All alarms installed to guidance in BS 5839 part 6 (2013)

Windows and doors
Windows and doors to be UPVC framed with low E glass double glazed units. Daylight area of windows to be 1/15th of floor area and opening 1/30th of floor area. Permavents to head to give ventilation area of 12000 sq mm in apartments and 10000 sq mm for kitchens. Glazing to comply with BS6262 part 4 (2018) and BS 6206. Windows and doors to be secure by design and to ACOP2009 (U value for windows 1.4).

Ventilation
Roof ventilation by soffit strip 25 mm wide with ant insect mesh and roof vents at high level. Cavity ventilated by slimvents as per drawing. Solum vents as per drawing. Utility rooms and kitchens to have mechanical vents capable of 60 L/sec. Bathrooms to have mechanical vents rated at 30 L/sec.

Heating
New LPHW radiators with thermostatic control valves connected to existing system. All hot water pipes to be insulated to BS 5422 (2001). Heating system to be capable of maintaining temperature of 21 deg C in at least one apartment and 18 deg C elsewhere when outside temperature is minus one degree centigrade.

Leadwork
All lead to be code 5

Miscellaneous-
All work to be carried out in accordance with the Building (Scotland) Act 2003 and Regulations 2015

Agent

Frank McCabe
11 Wellesley Drive
East Kilbride
G75 8TR

Phone: 01355 232016

I certify that this is a true copy of the drawing referred to in the application dated.....

Signed.....

PROPOSED ALTERATION TO HOUSE AT 52 LISMORE PLACE NEWTON MEARNS. G77 6UR

PLANS AND ELEVATIONS

SHEET 1 OF 2.

DWREF G776UR OCT 23