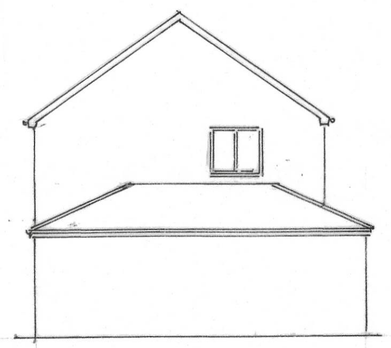
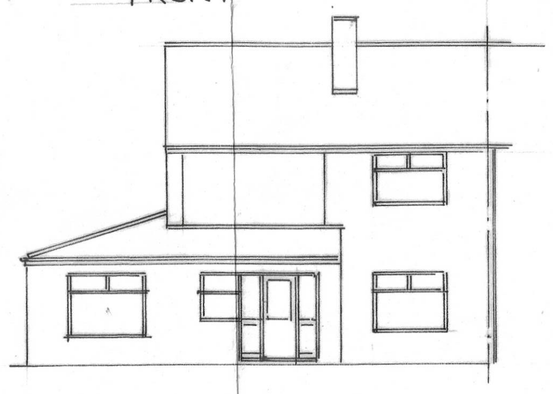
EXISTING 1:100

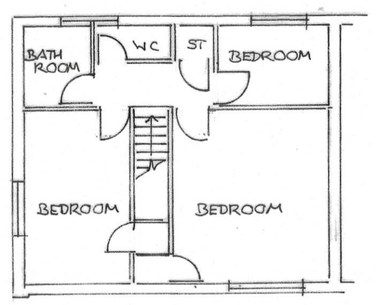
SIDE



FRONT



FIRST FLOOR PLAN



REAR



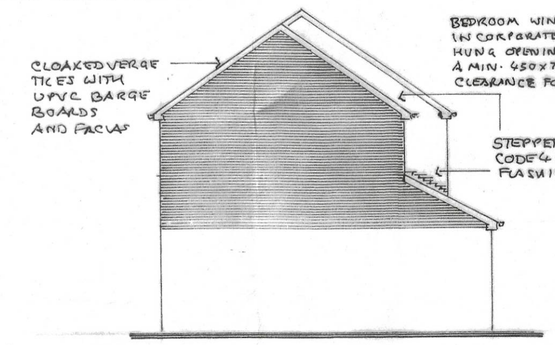
WINDOWS

ALL NEW WINDOWS AND ROOF LIGHTS IN U.P.V.C OR H.W. FRAMES TO HAVE 20MM SEALED DOUBLE GLAZED UNITS INCORPORATING LOW EMISSIVITY 'K' GLASS TO ACHIEVE A MAXIMUM 1.4W/M² K VALUE.

VENTILATION

ALL HABITABLE ROOMS TO HAVE AT LEAST 8000MM² BACKGROUND VENTILATION PROVIDED THROUGH TRICKLE VENTILATORS BUILT INTO WINDOW FRAMES OR 2 NO 225 X 150MM AIR BRICKS WITH LOUVRED CONTROLLABLE PLASTER VENTS. AT LEAST 4000MM² BACKGROUND VENTILATION TO BE PROVIDED TO KITCHENS, BATHROOMS AND UTILITY ROOMS. WINDOW FRAMES TO INCORPORATE OPENING VENTS EQUIVALENT TO AT LEAST 5% OF THE FLOOR AREA OF THE ROOM SERVED.

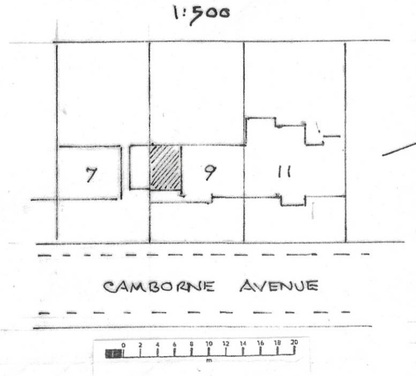
SIDE ELEVATION 1:100



FRONT ELEVATION 1:100



SITE PLAN 1:500



REAR ELEVATION 1:100



STEEL CHECK

203 x 133mm 30Kg/m UB

SPAN 3500

LOADS BKWK 2.6 x 3.5 x 2.2 = 20.02
ROOF 1.8 x 3.5 x 2.0 = 12.6
W 32.62 KN

BM $W_L/8$ = 14.27 KNm

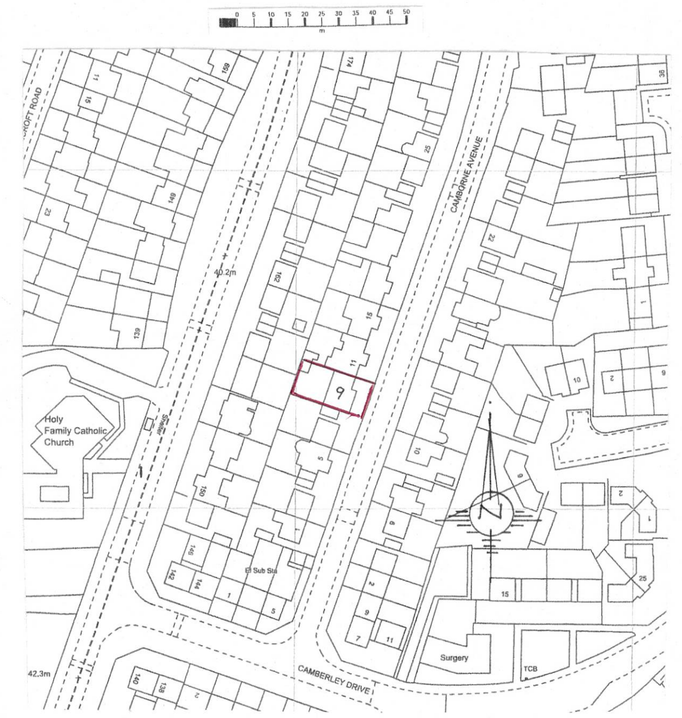
Z_{xx} M/p_{bc} = 87 cm³ OK ✓

δ_p $L/360$ = 9.7 mm

δ_a $5WL^3/384EI$ = 18.2 / ET = 3 mm OK ✓

NEW S.V.P. TO RECEIVE SHOWER ROOM WASTES AND SOIL BRANCH

LOCATION PLAN 1:1250



MECHANICAL VENTILATION

ALL BATHROOMS AND SHOWER ROOMS TO BE FITTED WITH A MECHANICAL EXTRACT FAN CAPABLE OF AT LEAST 15 LITRES/SECOND EXTRACT RATE, KITCHENS TO HAVE EITHER A MECHANICAL EXTRACT FAN CAPABLE OF 60 LITRES.SECOND OR A COOKER HOOD CAPABLE OF 30L/s. MECHANICAL EXTRACT FANS SERVING WINDOWLESS BATHROOM/SHOWER ROOMS/W.C. CUBICLES TO PROVIDE AT LEAST 3 AIR CHANGES PER HOUR WITH A 15 MINUTE OVER RUN FACILITY.

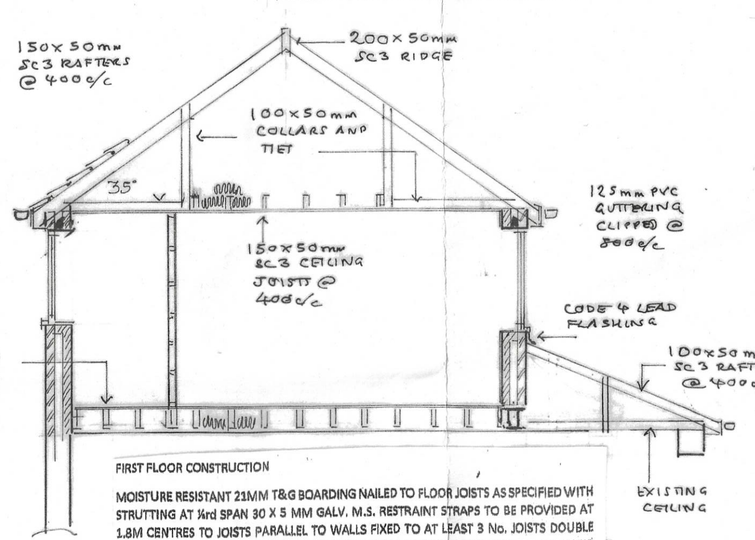
DRAINAGE

ALL NEW DRAINS TO BE LAID USING 100MM DIAMETER HEPSLEVE OR U.P.V.C. PIPES AT 1:40 MINIMUM SELF-CLEANSING GARDIENT. DRAINS UNDER BUILDING AND WITHIN 1M OF FOUNDATIONS TO BE ENCASED IN CONCRETE SURROUND, DRAINS PASSING THROUGH FOUNDATIONS TO BE BRIDGED OVER WITH P.C.C. LINTOLS AND ROCKER PIPE USED EITHER SIDE OF WALL. 100MM DIAMETER S.V.P.'S TO RECEIVE UPPER FLOOR FITTINGS WITH WIRE BIRD CAGE TERMINAL AT LEAST 900MM ABOVE THE HIGHEST WINDOW VENT OPENING AND ABOVE ROOF LEVEL. ALL NEW SANITARY FITTINGS TO HAVE ANTI VAC TRAPS WITH WASTES CONNECTED SEPARATELY INTO SOIL STACKS. ALL WASTES TO BE MADE ACCESSIBLE.

GENERAL NOTES

ALL DIMENSIONS INCLUDING ROOF PITCHES TO BE CHECKED BY CONTRACTOR BEFORE WORK COMMENCES. ALL WORK TO COMPLY WITH CURRENT BUILDING REGULATIONS AND CARRIED OUT TO THE COMPLETE SATISFACTION OF THE DISTRICT B.C.O. ALL TIMBER TO BE TREATED WITH PRESERVATIVE. ALL NEW STEELWORK TO BE ENCASED IN 12M GYPSYM 'FIRELINE' BOARD FOR 30 MINUTES FIRE PROTECTION. ALL GALV. LINTOLS TO BE INSULATED AND ENCASED WITH 12MM PLASTERBOARD AND SKIMPOR 30 MINUTES FIRE PROTECTION. ALL ELECTRICAL WORK TO BE UNDERTAKEN BY NICEIC APPROVED CONTRACTOR WITH AN INSTALLATION CERTIFICATE TO BE PROVIDED ON COMPLETION. ALL NEW RADIATORS TO BE FITTED WITH THERMOSTATIC VALVES AND C.H. BOILERS TO BE REPLACED IF NECESSARY WITH CONDENSING TYPE BOILERS AND INSTALLED BY A CORGI REGISTERED CONTRACTOR. TOUGHENED OR LAMINATED SAFETY GLASS TO BE USED IN ALL CRITICAL LOCATIONS.

SECTION 1:50



ROOF COVERING

SELECTED MATCHING ROOF TILES/SLATES NAILED TO TREATED S.W. BATTENS WITH LAP TO SUIT ROOF PITCH IN ACCORDANCE WITH MANUFACTURERS' INSTRUCTIONS OVER 'TYVEK' BREATHABLE SARKING FELT LAID OVER RAFTERS AS SPECIFIED. 300MM FIBREGLASS QUILT INSULATION OVER AND BETWEEN JOISTS ON 9MM PB AND SKIM CEILING.

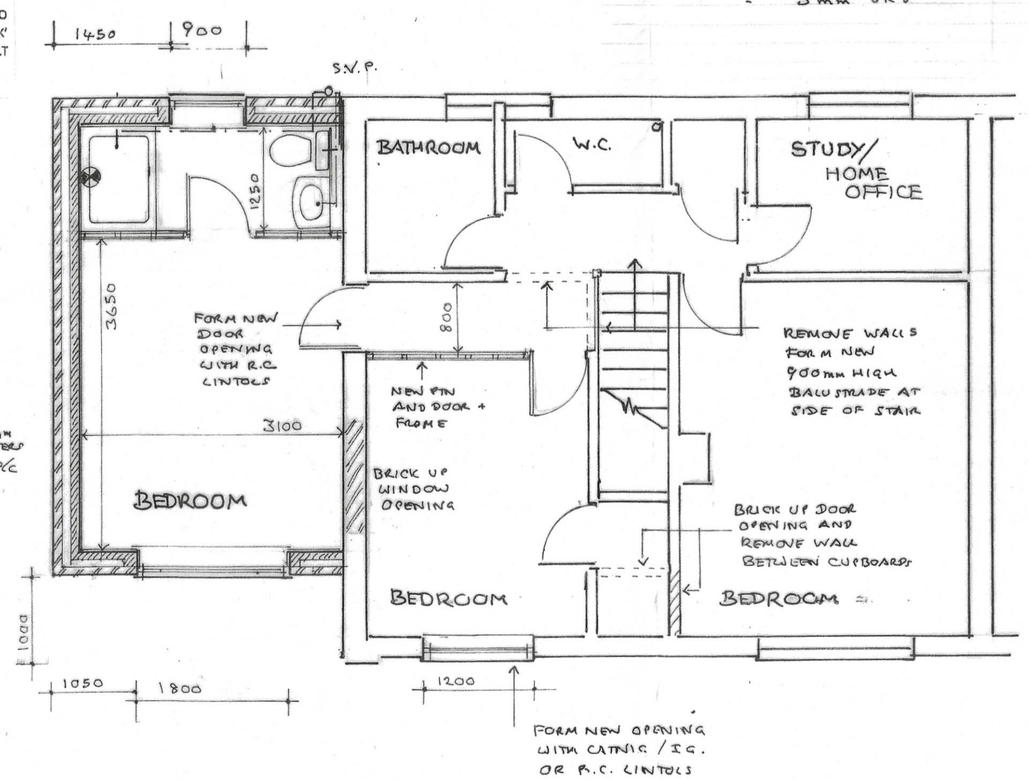
FIRST FLOOR CONSTRUCTION

MOISTURE RESISTANT 21MM T&G BOARDING NAILED TO FLOOR JOISTS AS SPECIFIED WITH STRUTTING AT ½rd SPAN 30 X 5 MM GALV. M.S. RESTRAINT STRAPS TO BE PROVIDED AT 1.8M CENTRES TO JOISTS PARALLEL TO WALLS FIXED TO AT LEAST 3 No. JOISTS DOUBLE JOISTS TO BE BOLTED TOGETHER AT 800 C/C PLACED UNDER PARTITIONS FOR SUPPORT. 12MM PLASTERBOARD AND SKIM CEILING.

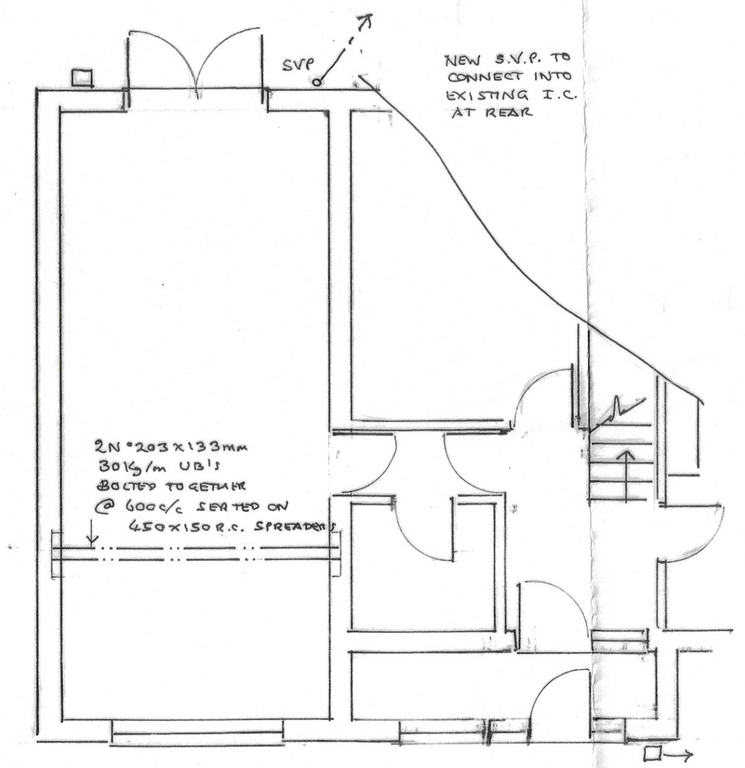
WALL CONSTRUCTION

TWO COAT SAND CEMENT RENDER TO MATCH EXISTING ON 100MM CONCRETE BLOCKWORK OR SELECTED FACING BRICK OUTER LEAF 100MM CAVITY WITH DRITHERM 32 ULTIMATE FULL FILL 100MM CELCON SOLAR BLK, INNER LEAF WITH 32.9mm KINGSPAN KINGSPAN KOOLTHERM BOARD FOR OVERALL VALUE. STAINLESS STEEL CAVITY TIES TO BE PROVIDED AT 450 x 750MM CENTRES AND AT 300MM CENTRES AROUND ALL OPENINGS. INSULATED 'THERMABATE' OR SIMILAR CAVITY CLOSERS WITH INSULATED CATNIC OR I.G. PROPRIETARY GALV. STEEL LINTOLS TO BE PROVIDED OVER ALL CAVITY WALL OPENINGS WITH A MINIMUM 150MM END BEARING. TIMBER STUD PARTITIONS 75 X 50MM STUDDING WITH MINERAL WOOL INFILL AND 12MM PB AND SKIM BOTH SIDES.

FIRST FLOOR PLAN 1:50



GROUND FLOOR 1:50 (AS EXISTING)



CLIENT

MRS. B. JACKSON

SCHEME

FIRST FLOOR EXTENSION AT SIDE

ADDRESS

N° 9 CAMBORNE AVENUE
LIVERPOOL
L25 9PG

DRAWING TITLE	NUMBER	REVISION

DATE	SCALES
JULY 2023	1:50 1:100