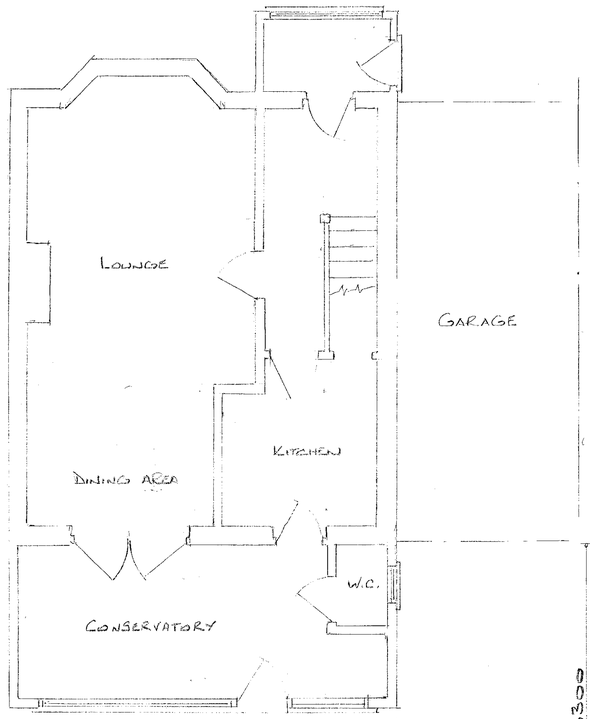
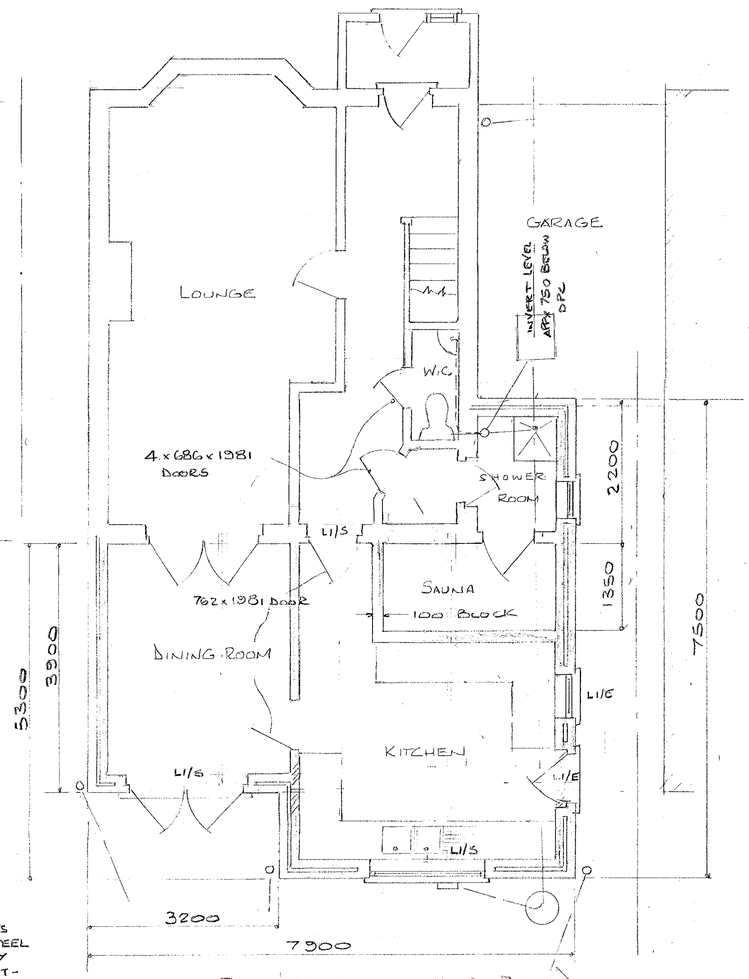
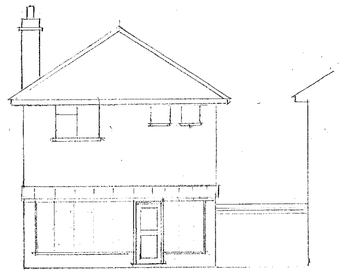


- EXISTING GROUND FLOOR PLAN -

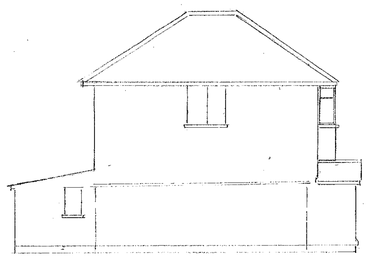


- PROPOSED GROUND FLOOR PLAN -

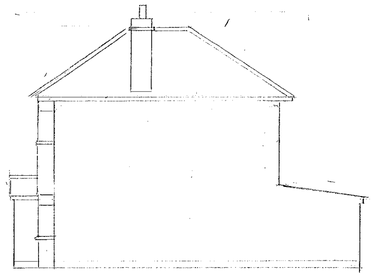
65mm DIA DOWNPIPE CONNECTED BY 100mm SOIL PIPES TO NEW SOAKAWAY(S) MINM 5M FROM FOOTINGS



- EXISTING REAR ELEVATION -



- EXISTING SIDE (NORTH) ELEVATION -



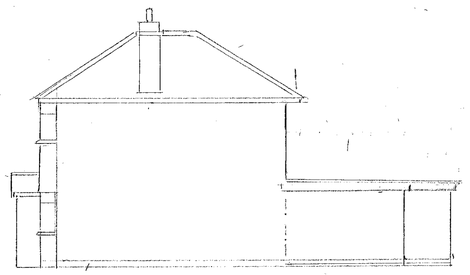
- EXISTING SIDE (SOUTH) ELEVATION -



- EXISTING FRONT ELEVATION -



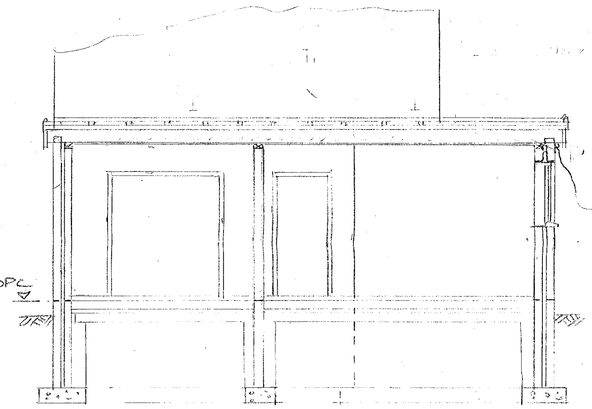
- PROPOSED FRONT ELEVATION -



- PROPOSED SIDE (SOUTH) ELEVATION -



11.DEC.2000



SECTION 'A-A'

SPECIFICATION:-

WALLS:- THERMALITE (OR EQUIV) 100mm BLOCK INNER AND OUTER SKIN CAVITY WALL, BRICK FROM FOOTINGS TO DAMPCOURSE. OUTER SKIN RENDERED FINISH TO MATCH EXISTING HOUSE FINISH. 50mm CAVITY WITH ROCKWOOL 50mm WALL INSULATION BATTS, GALVD STEEL WIRE WALL TIES, 450 VERTICAL 900 HORIZONTAL SPACING. NEW VERTICAL AND HORIZONTAL CAVITY CLOSURES COVERED WITH 'DAMCOR' COMBINED DPC AND THERMAL BREAK. I.G. GALVD STEEL INSULATED LINTELS, MINM 150mm BEARING EACH END. WALL DPC (MARLEY AQUAGARD OR EQUIV, MINM 150 mm ABOVE GROUND LEVEL. 12mm LIGHT-WEIGHT INTERNAL PLASTER FINISH. 'U' VALUE BETTER THAN 0.45.

FLOOR:- 65mm FLOOR FINISH AND SCREED ON 150mm OVERSITE CONCRETE 3 COATS SYNTHAPRUFE' DPM ON OVERSITE AND LAPPED WITH WALL DPC, MAKM A142 ANTICRACK REINFORCING MESH IN OVERSITE. CELOTEX (OR EQUIV) DOUBLE 'R' RIGID UNDERFLOOR INSULATION TYPE RF1/30mm WITH VAPOUR CHECK MEMBRANE OVER INSULATION. 150mm CLEAN COMPACTED HARDCORE BLINDED WITH SAND. DUCTS (FALL TO NEW EXTN WALL) TAKEN FROM EXISTING AIR BRICKS TO NEW AIR BRICKS. 'U' VALUE BETTER THAN 0.45.

FOUNDATIONS:- 600 x 250 (450 x 250 UNDER SINGLE WALLS) CONCRETE STRIP FOUNDATIONS, DEPTH MINM 1METRE. DRAINAGE PROTECTED BY R.C. LINTELS WHERE PASSING THROUGH FOOTINGS.

ROOF:- 50 x 195mm TIMBER JOISTS @ 400 CRS WITH LATERAL FIRRING PIECES TO GIVE MINM 1:60 FALL (FALL TO REAR OF EXTN) 25mm MARINE PLYWOOD CLADDING 100 x 50mm TIMBER WALL PLATE FIXED TO INNER WALL WITH GALVD STEEL TIES MAXM 1800 CRS. 3 LAYERS BITUMINOUS ROOFING FELT. STONE CHIPPINGS ON BITUMINOUS COMPOUND. 160mm ROCKWOOL TIMBER ROLL BATT BETWEEN JOISTS. 12mm FOIL BACKED PLASTERBOARDS WITH PLASTER SKIM. PACE FIRRING PIECES TO GIVE NECESSARY 50mm AIR GAP TO CLADDING.

'U' VALUE BETTER THAN 0.25

WINDOWS:- ALL NEW WINDOWS TO BE DOUBLE GLAZED AND FITTED WITH TRICKLE VENTILATORS MINM 5000 mm² OPENING AREA. REAR AND SIDE DOORS FITTED WITH DG 6.4mm LAMINATED GLASS (BUILDING REGN DOCT N)

W.C. FITTED WITH MECHANICAL EXTRACTION FAN CAPABLE OF EXTRACTING AT A RATE NOT LESS THAN 3 A.C.H. OPERATING INTERMITTENTLY.

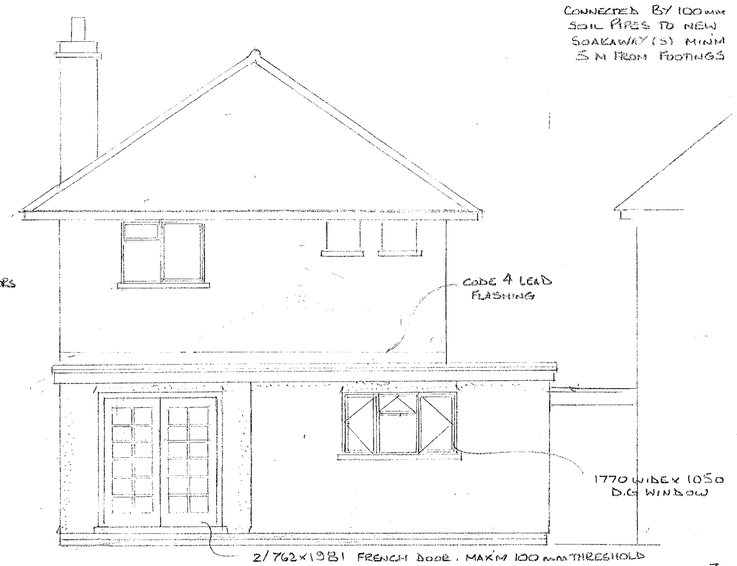
KITCHEN:- FITTED WITH MECHANICAL EXTRACTION FAN WITH 60 LITRES/SEC EXTRACTION RATE

SHOWER ROOM AND SAUNA:- AS ABOVE WITH EXTRACTION RATE 30 LITRES/SEC.

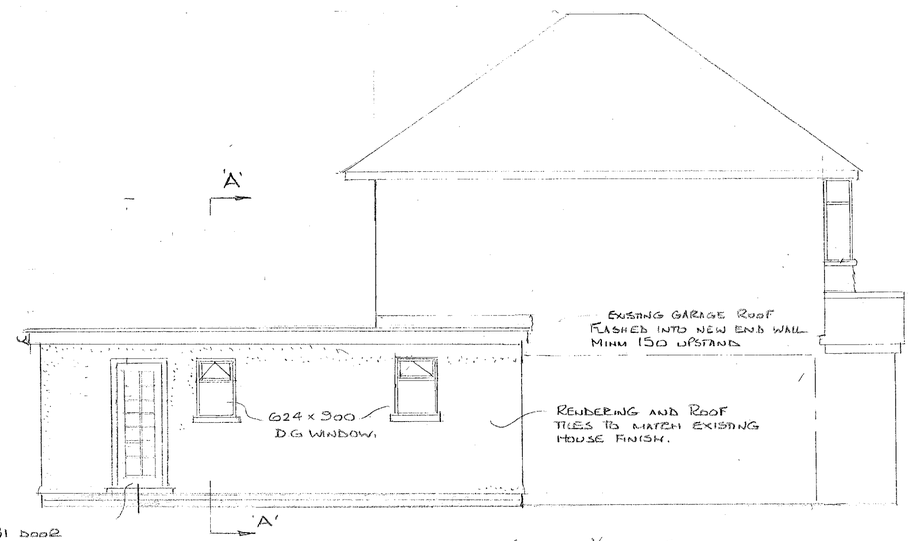
SHOWER AND W.C. FANS LIGHT SWITCH OPERATED 20 MIN DELAY FROM OFF SAUNA FAN - MANUAL SWITCH ON HUMIDITY SWITCH OFF WITH TIME DELAY OF 20 MINS

DRAINAGE:- NEW STUB STACK FITTED WITH DURGO VALVE IN SHOWER ROOF, 100mm Ø PLASTIC SOIL PIPE CONNECTION TO EXISTING I.C. MINM 1:60 FALL BEDDED ON CONCRETE WITH CONCRETE SURROUNDS. CONNECTIONS 38mm UPVC FROM SINK AND SHOWER TO BE NOT LESS THAN 200mm BELOW 100mm CONNECTION FROM W.C. NEW NAYLOR (OR EQUIV) PLASTIC I.C. FITTED ON LINE OF EXISTING DRAINAGE GRADE 'C' BS497; PART 1 1376 CAST IRON COVER, BACK INLET GULLEY CONNECTED TO NEW I.C WITH 100mm PLASTIC PIPE. FLEXIBLE JOINTS LAID ON AND SURROUNDED BY PEA SHINGLE MINM 1:60 FALL. 38mm UPVC WASTE PIPE FROM KITCHEN SINK. SINKS AND SHOWER BASIN FITTED WITH 75 mm WATER TRAP.

NOTE:- EXISTING DRAINAGE (WHERE PASSING UNDER NEW EXTENSION TO BE EXPOSED TO CHECK CONDITION, RE-BED AND SURROUND WITH PEA SHINGLE AS NECESSARY



- PROPOSED REAR ELEVATION -



- PROPOSED SIDE (NORTH) ELEVATION -

REVISED 29/11/00

APPROVED

PROPOSED SINGLE STOREY EXTENSION for Mr K. HART, 11, HURST ROAD, TWYFORD. SCALE 1:50, 1:100