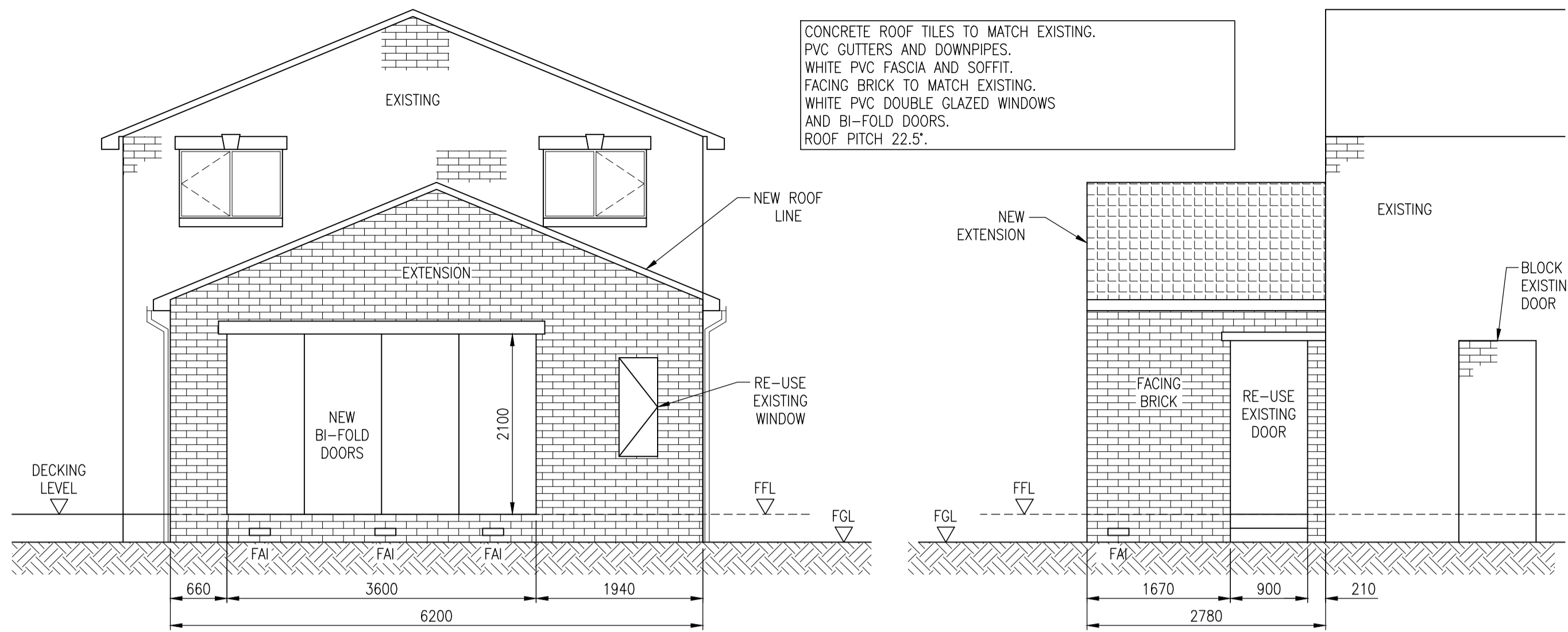


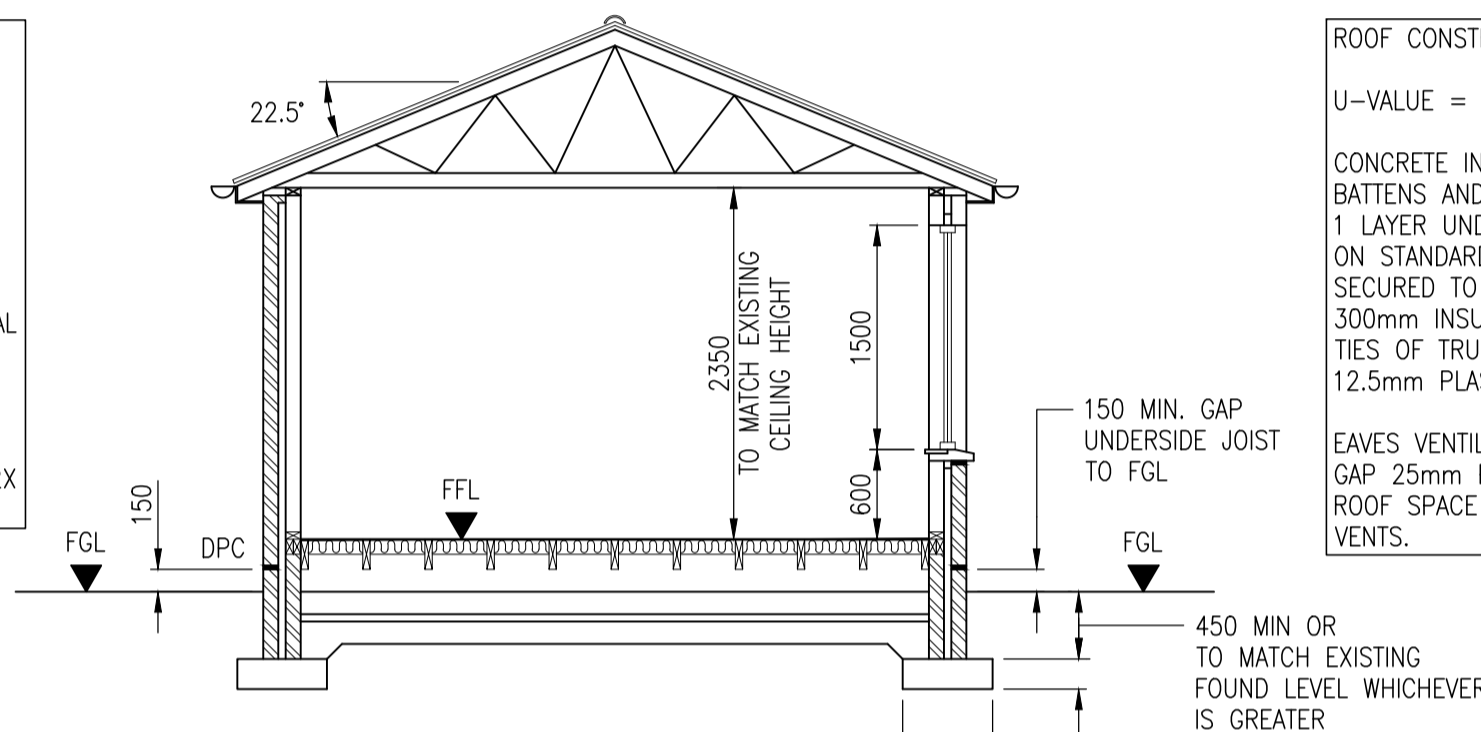
SIDE ELEVATION – PROPOSED
SCALE 1:50



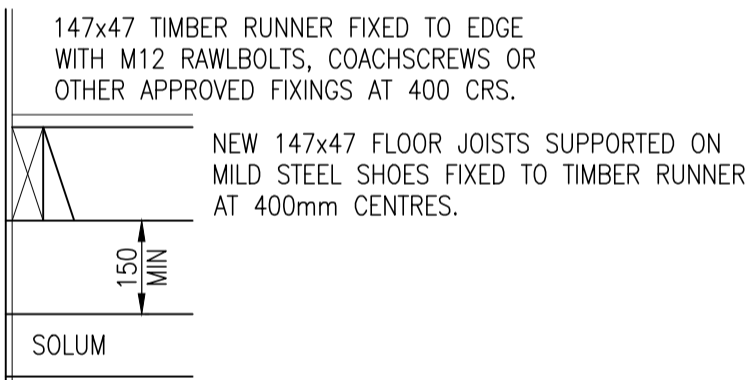
REAR ELEVATION – PROPOSED
SCALE 1:50

CONCRETE ROOF TILES TO MATCH EXISTING.
PVC GUTTERS AND DOWNPIPES.
WHITE PVC FASCIA AND SOFFIT.
FACING BRICK TO MATCH EXISTING.
WHITE PVC DOUBLE GLAZED WINDOWS
AND BI-FOLD DOORS.
ROOF PITCH 22.5°.

ROOF CONSTRUCTION:-
U-VALUE = 0.16
CONCRETE INTERLOCKING TILES ON 19x38mm TILING
BATTENS AND COUNTER BATTENS ON
1 LAYER UNDERSLATING FELT ON PLYWOOD SARKING
ON STANDARD PREFORMED ROOF TRUSSES AT 600 CRS.
SECURED TO TIMBER WALL PLATES.
300mm INSULATION IN TOTAL COMPRISING 200mm BETWEEN
TIES OF TRUSS & 100mm QUILT LAID ACROSS.
12.5mm PLASTERBOARD CEILING FINISH.
EAVES VENTILATION TO ROOF SPACE VIA CONTINUOUS AIR
GAP 25mm PROTECTED BY ANTI-INSECT GAUZE.
ROOF SPACE ALSO VENTILATED AT HIGH LEVEL VIA UBINK
VENTS.



TYPICAL CROSS SECTION
SCALE 1:50

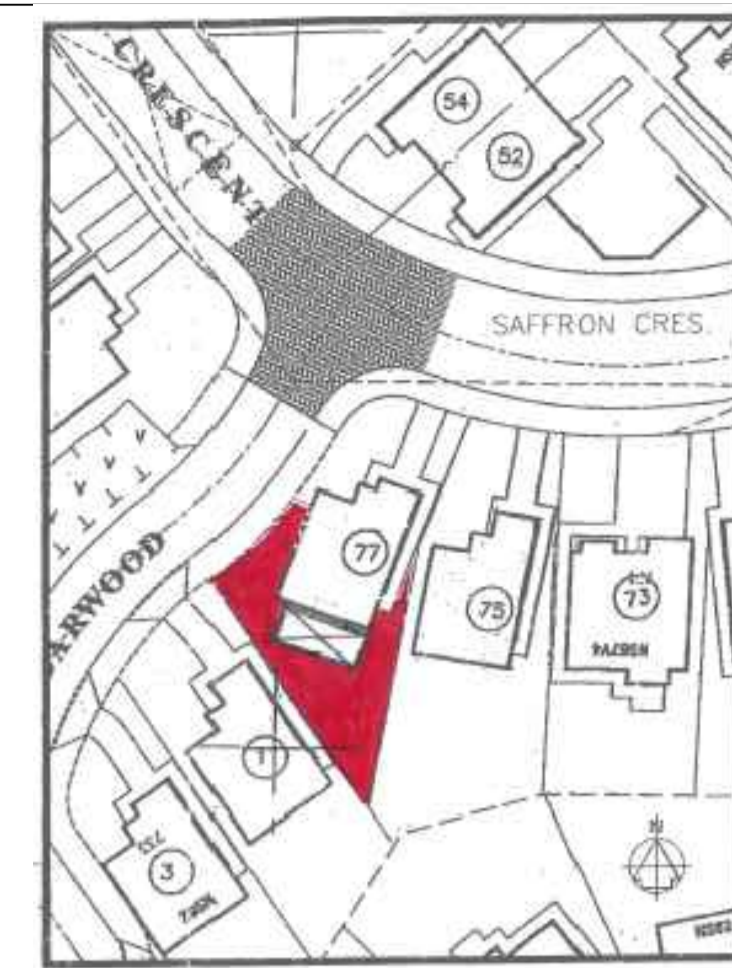


FLOOR JOIST FIXINGS

FLOOR:- U-VALUE 0.22
TO BE FORMED USING TREATED 147x38 SC3 TIMBERS AT MAX. 450mm CRS. SPANNING BETWEEN LEDGER BOLTED TO EXIST. WALL WITH M12 ANCHOR BOLTS AND NEW INNER LEAF BLOCKWORK. FLOORING TO BE 22mm THICK MR GRADE T&G CHIPBOARD FLOORING. FLOOR TO BE INSULATED WITH 150mm ROCKWOOL INSULATION LAID BETWEEN JOISTS ON NETTING.

MASONRY WALLS TIED TO EXISTING EVERY 4TH COURSE WITH S.S. STARTER TIES. END STUDS FIXED TO WALL USING HILTI HPS 8/100 AT 225 VERTICAL CRS.

ELECTRICAL LEGEND:-
⊕ - LIGHT FITTING
⊕ - TWIN 13 AMP SOCKET POSITIONED AT LEAST 350mm FROM ANY INTERNAL CORNER PROJECTING WALL OR SIMILAR OBSTRUCTION. LOCATED AT HEIGHT OF NO MORE THAN 400mm ABOVE FFL ALL SOCKETS ON EXTERNAL WALL TO BE FIXED TO METAL BACKED CONDUIT BOXES ON TIMBER DWANGS.
⋈ - LIGHT SWITCH. LOCATED AT HEIGHT OF BETWEEN 900-1100mm ABOVE FFL



BLOCK PLAN
SCALE 1:500



LOCATION PLAN
SCALE 1:1250

GENERAL NOTES

DEMOLITION WORKS TO BE CARRIED OUT IN ACCORDANCE WITH BS/CP187:1982 AND HEALTH AND SAFETY AT WORK ACT.

NO HIGH ALUMINA CEMENT TO BE USED.

STRUCTURAL:-
ALL WORKS TO COMPLY WITH BUILDING REGULATIONS SCOTLAND AND ALL RELEVANT BRITISH STANDARDS/C.O.P.'s TO SATISFACTION OF LOCAL AUTHORITY.
THE WORKS SHALL COMPLY WITH THE TECHNICAL HANDBOOK TO THE SCOTLAND BUILDING ACT, 2003.

UNDERBUILDING CONSTRUCTION:-
TO BE CONSTRUCTED OF 2 LEAVES OF BRICK OR BLOCK WITH CAVITY BELOW GROUND LEVEL FILLED WITH LEAN MIX CONCRETE.
BITUMINOUS OR OTHER DPC LOCATED 150mm ABOVE FINISHED GROUND LEVEL.

SOLUUM CONSTRUCTION:-
150mm CONCRETE SLAB; ON 1 LAYER 1200 GAUGE VISQUEEN DPM WITH JOINTS LAPPED, FOLDED AND TAPED AND DRESSED UP WALL TO LAP WITH DPC; ON 50mm SHARP SAND ON 150mm COMPACTED HARDCORE.

FOUNDATIONS:-
600 WIDE x 200 DEEP CONCRETE STRIP FOUNDS GRADE C35 CONCRETE WITH 1 LAYER A252 MESH REINFORCEMENT. MIN. FROST COVER 450mm FROM GROUND LEVEL OR TO MATCH EXISTING FOUNDATION LEVEL, WHICHEVER IS GREATER.
MOVEMENT JOINT REQUIRED BETWEEN NEW AND EXIST. FOUNDATIONS.

EXTERNAL WALL:- U-VALUE = 0.27
TO BE CONSTRUCTED USING 102.5mm COMMON BRICK/BLOCKWORK OUTER LEAF, 65mm VENTILATED CAVITY AND 100mm CONCRETE BLOCK INNER LEAF TIED WITH PROPRIETARY BRICK TIES AT MAX. 375mm CRS. VERTICALLY AND 600mm CRS. HORIZONTALLY. INNER LEAF BLOCKWORK TO TERMINATE AT FLOOR JOIST BEARING LEVEL. THE NEW BRICKWORK AND BLOCKWORK TO BE TIED TO EXISTING WALL USING PROPRIETARY SS STARTERS KIT. INNER LEAF OF WALL IS TO BE FORMED USING TREATED CLS TIMBERS 100x50 C24-600CRS TIMBERS WITH 10mm WBP TO CAVITY, 85mm KOOLTHERM BETWEEN STUDS, SHEATHING PLY. 1 LAYER VISQUEEN POLYTHENE VAPOUR BARRIER (JOINTS TAPED) AND 13mm TAPER EDGED FOIL BACKED PLASTERBOARD TO INNER FACE, WITH SKIM COAT PLASTER FINISH.

PROPRIETARY SS BRICK TIES TO FIX TO OUTER LEAF ALONG WITH GALVANISED ANCHOR STRAPS AT MAX. 1200mm CRS.
VENTILATION TO BE PROVIDED BY PERPEN VENTS AT 1200mm CRS. AT TOP AND BOTTOM OF WALL.

LINTELS:-
EXTERNAL LINTELS STEEL LINTELS, CATNIC CTF5 OR APPROVED SIMILAR WITH 150mm MIN. END BEARING EITHER SIDE.

INTERNAL LINTELS 2 No. 100x50 JOISTS SPIKED TOGETHER ON CRIPPLE STUDS WITH 150mm MIN. END BEARING EITHER SIDE.

CAVITY FIRESTOPS:-
38x50 TREATED TIMBER BATTENS TO CLOSE CAVITY, WITH DPC TO OUTER BRICK FITTED AS FOLLOWS:-

- TO JAMBS AND HEAD OF ALL DOORS AND WINDOWS.
- VERTICALLY AT CORNERS TAKEN DOWN TO FORMATION LEVEL.
- BELOW GABLE OUTRIGGER.

WINDOWS:-
GLAZED WITH PILKINGTON 'K' GLASS HERMETICALLY SEALED DOUBLE GLAZING UNITS TO ACHIEVE MAX. U-VALUE OF 2.0. WINDOW FRAMES TO INCORPORATE DRAUGHT STRIPPING. ALL GLAZING BELOW 800mm TO BE SAFETY GLASS TO BS6262:1994.

VENTILATION:-
BY OPENING WINDOWS OF 1/30th FLOOR AREA WITH ADDITIONAL TRICKLE VENT OF 8000mm².
TRICKLE VENTILATOR SHOULD BE POSITIONED THAT A PART OF IT IS AT LEAST 1.75m ABOVE FLOOR LEVEL.

FLASHINGS:-
CODE 5 LEAD FLASHING TO BE USED TO WEATHER BETWEEN ROOF PITCH AND EXISTING WALL. WITH FLASHING RAGGED INTO WALL AND POINTED WITH LEAD COMPATIBLE MASTIC. PROVIDE A 150mm UPSTAND TO LEAD FLASHINGS.

DAMP PROOF MEMBRANES:-
DPC TO BE POSITIONED 150 MIN. ABOVE GROUND LEVEL. DPC TO BE INSTALLED AT ALL CAVITY CLOSURES, OPENINGS ETC. CLOAKED AT LINTELS/SILL ENDS/ABUTMENTS, AND REBATED AT WINDOWS. DPC TO BE LAID ON MORTAR BED. WEEP VENTS REQUIRED ABOVE DPC AT 900mm MAX CRS.

COLD BRIDGING:-
ENSURE COLD BRIDGING IS ELIMINATED IE. FLOOR INSULATION TO BE TAKEN TO PERIMETER WALLS ALIGNING WITH WALL INSULATION TAKEN DOWN TO FLOOR LEVEL. ENSURE LOFT INSULATION IS DRAPED OVER HEAD BINDER AND WALL INSULATION TAKEN TO HEAD RUNNER. INSULATED PLASTERBOARD RETURNED INTO JAMB AVOIDING COLD SPOTS AT JAMB.

AIR INFILTRATION:-
ALL SERVICE PENETRATIONS ETC. TO BE WELL SEALED. ALL WINDOWS AND DOORS FITTED WITH DRAUGHT STRIPS ETC. TONGUE AND GROOVE FLOORING GLUED AND SCREWED. SKIRTINGS SEALED TO FLOOR LEVEL. VAPOUR CHECK TAPED. PLASTERBOARD TAPED AND FILLED TO WALL AND CEILING

HEATING:-
SYSTEM TO BE CONTROLLED BY SINGLE ROOM THERMOSTAT OR RADIATOR TO BE CONTROLLED BY A THERMOSTAT VALVE. PIPEWORK CONTRIBUTING TO THE HEATING LAGGED. EXISTING BOILER RATING > 78%

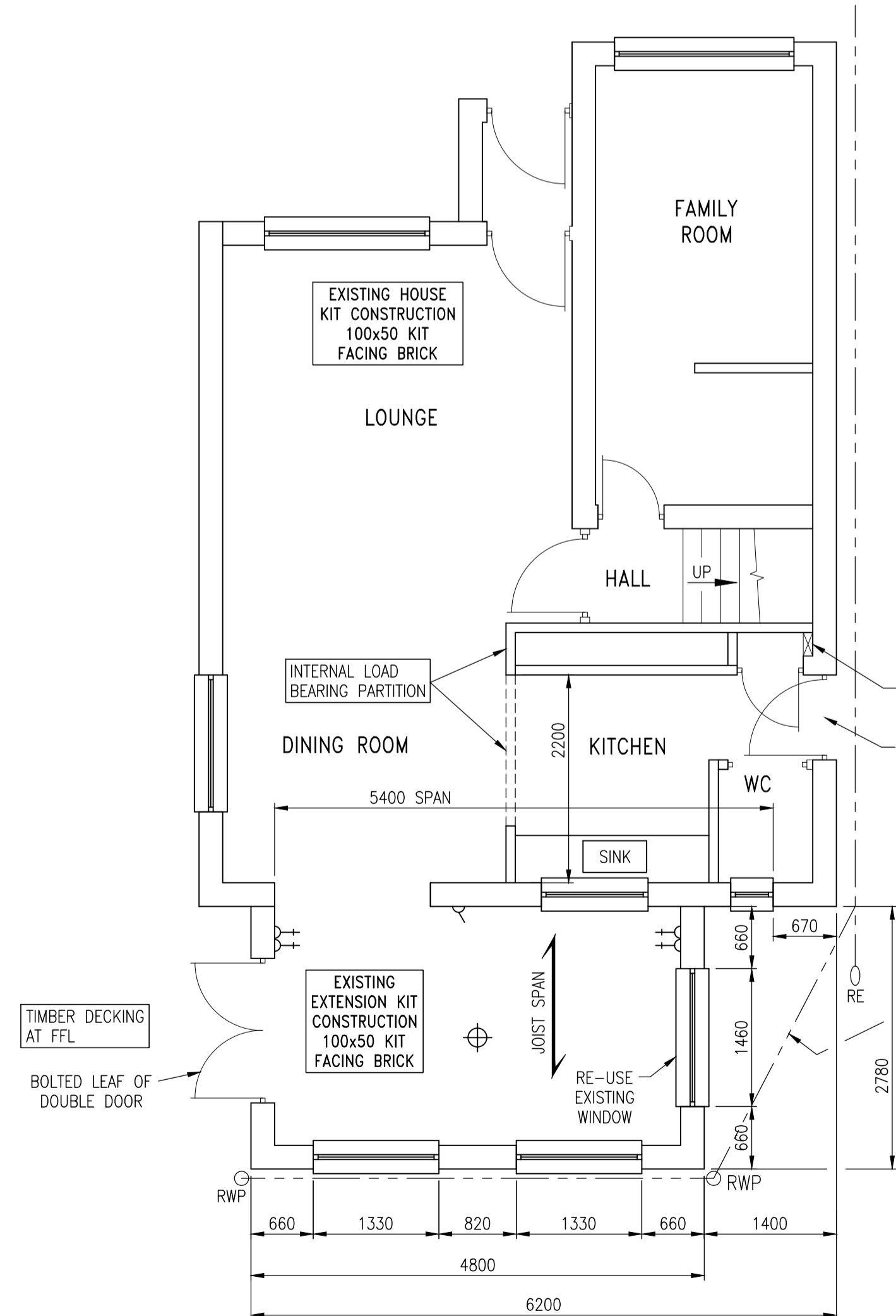
ELECTRICAL:-
ALL ELECTRICAL WORKS WILL BE DESIGNED, CONSTRUCTED, INSTALLED AND TESTED IN ACCORDANCE WITH THE RECOMMENDATIONS OF BS 7671:2018, AS AMENDED.

Mr. and Mrs. G. Anderson
77 Saffron Crescent,
Netherton,
Wishaw,
ML2 0FA

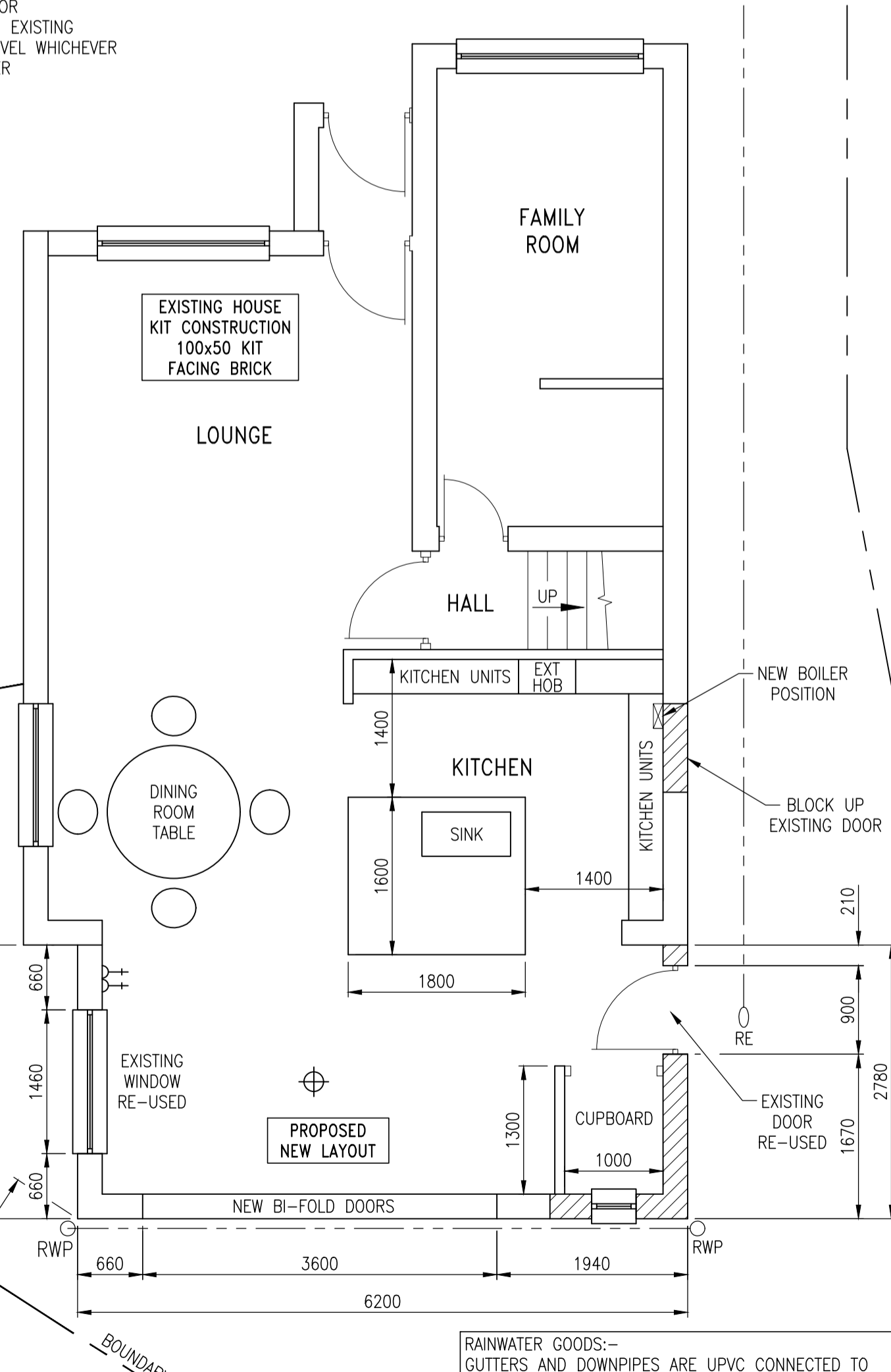
PROPOSED EXTENSION TO
REAR OF PROPERTY

DRAWING No. 2022-001

REV 00



GROUND FLOOR LAYOUT – EXISTING
SCALE 1:50



GROUND FLOOR LAYOUT – PROPOSED
SCALE 1:50