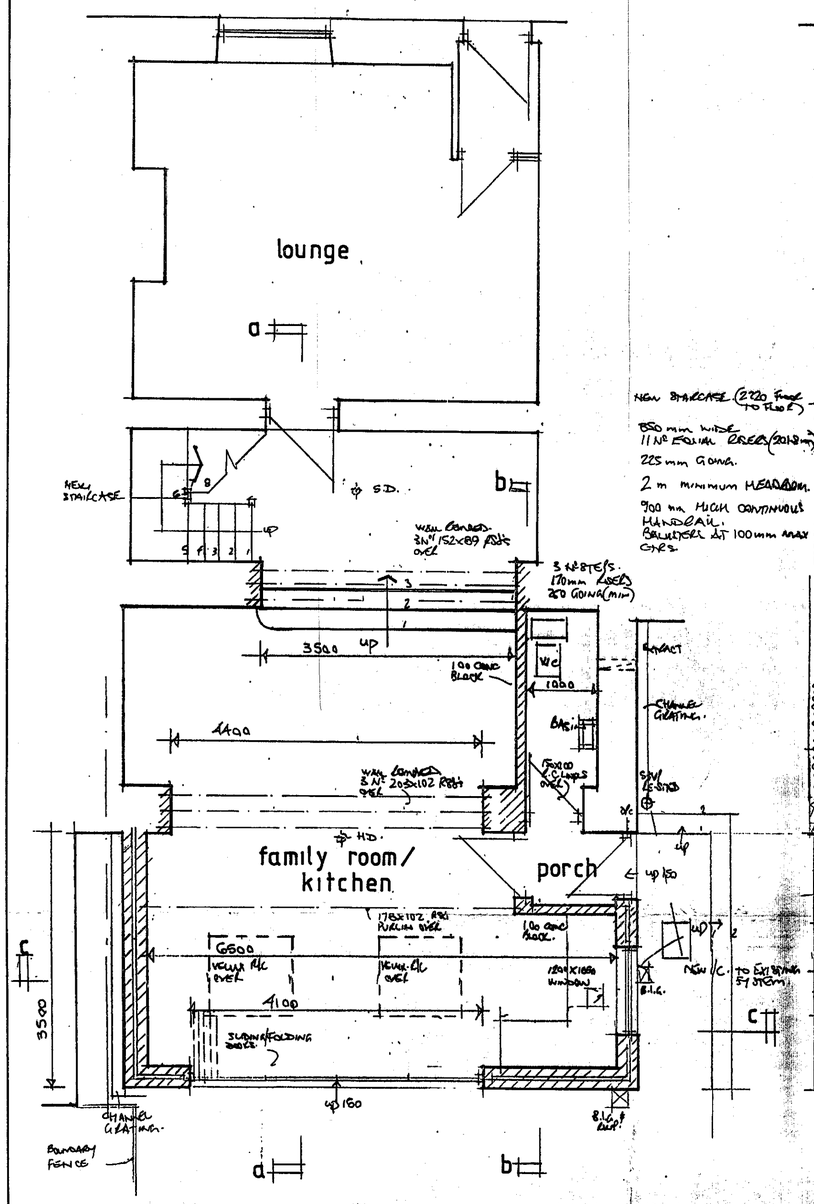
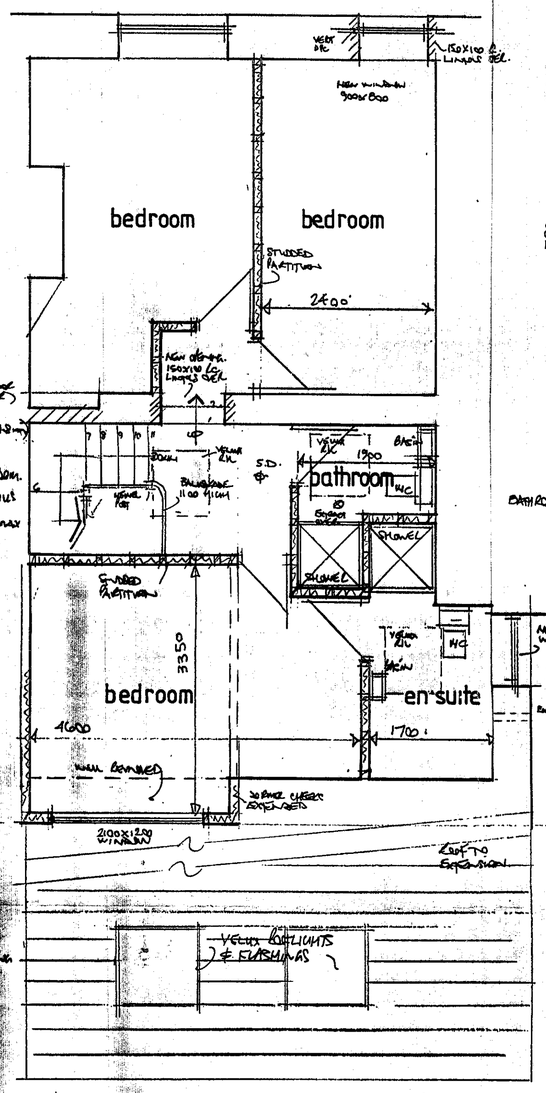


ground floor



first floor

rear elevation

front elevation

ROOF TO DORMER: 170x50 JOISTS AT 400 CTRS BOLTED ALONGSIDE EXISTING JOISTS WITH FIRRINGS LAID TO FALL ON TOP. TWO LAYERS 3 LAYER FELT ON KINGSPAN THERMATAP TR 31 (121mm THICK)

VELUX ROOFLIGHT TO MANUFR. SPEC. H04 780x980 mm

SLOPING CEILING TO LANDING: 70mm KINGSPAN INSULATION BETWEEN EXISTING C/JOISTS WITH 50mm AIR SPACE ABOVE. 12.5mm PLASTERBOARD & SKIM CEILING ON VAPOUR BARRIER ON 38x25 BATTENS ON TRIBOR-SUPER 10, SECURED TO UNDERSIDE OF RAFTERS WITH ALL JOINTS SEALED

EXISTING VOID

ROOF: REDLAND CAMBRIAN SLATE ON 50x25 BATTENS ON BRITISH BUILDING FELT ON 100x50 S/PLATE AT 400 CTRS S/PLATE DOUBLED-UP TO EACH SIDE OF ROOFLIGHTS.

100 H.R. GUTTER
150x100 HEAD
2100x1200 WINDOW
FALL
1:125 MIN @ 9mm CEILING
EXISTING PURLIN
150x100 LC LINTOL OVER
EXISTING CEILING
LANDING
PARTITION
BEDROOM
BALUSTRADE (1100 HIGH)
NEW PARTITION
VELUX R/L GGL MO6 1140x1180
CODE 4 LEAD FLASHINGS
RIDGE TILES
REDLAND VERGE TILES
2300
100 CONC BLOCK
EXISTING PARAPET
100 H.R. GUTTER 150 LINVAC FASCIA
100 MANIFOLD
12.5 MIN @ 9mm CEILING ON VAPOUR BARRIER ON 150x50 JOISTS AT 400 CTRS.
152x89 RSJ OVER
SLIDING FOLDING DOORS
FAMILY ROOM/KITCHEN
2400
FLOOR: 100 mm CONCRETE ON VAPOUR BARRIER ON 100 KINGSPAN ON 1200 G. VISQUEEN DPM ON RAM TO HALDOREN
EXISTING FLOOR LEVEL
DPC
600x225 CONCRETE STRIP FOUNDATION
EXISTING FLOOR

section a-a

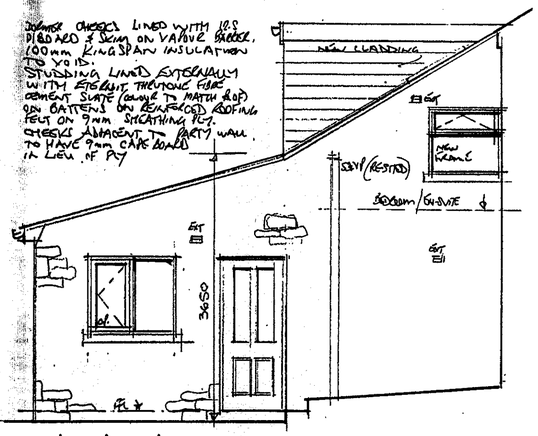
BATHROOMS: 100mm CONNECTION TO W.C's. 38 WASTE TO SHOWERS, 32 WASTE TO BASINS. ALL WITH 75mm DEEP SEAL P.C SEALING TRAPS. CONNECTIONS TO EXISTING SOIL PIPE.

ROOF AS BEFORE
VOID
EXISTING WALL
EXISTING PURLIN
EXISTING RAFTER
EN-SUITE
SHOWER
BATHROOM
150x100 LC LINTOLS OVER
100 CONC BLOCK
KITCHEN
PORCH
W.C
19mm KINGSPAN INSULATION
FACE AS BEFORE
DPC
600x225

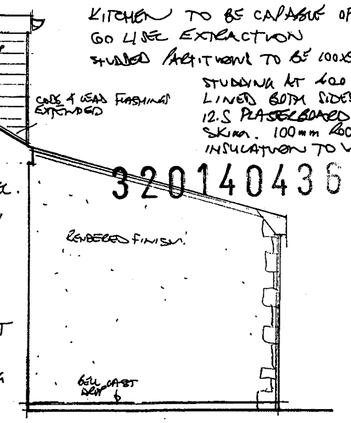
section b-b

INSULATION TO ROOF VOID. 100mm ROCKWOOL INSULATION BETWEEN CEILING JOISTS WITH ADDITIONAL 170mm INSULATION LAID ACROSS AND AT RIGHT ANGLES TO JOISTS.
M.S. STRAP
1050 x 1200 WINDOW
2400
CHANNEL GRATING
FACE AS BEFORE
PERIMETER INSULATION
DPC
600x225

section c-c



side elevation



side elevation

NOTES:

EXISTING CONSERVATORY TAKEN DOWN. EXTENSION CONSTRUCTED AS SHOWN IN CAVITY WALL CONSTRUCTION COMPRISING 100mm CONCRETE BATCH OUTER LEAF WITH RENDERED FINISH (ELEVATION ADJACENT TO No 2) OR RANDOM STONE AS SHOWN. 50 mm CLEAR CAVITY - 100 mm CONCRETE BLOCK INNER LEAF (3mm PLASTER FINISH ON 12.5mm PLASTERBOARD, 50 mm KINGSPAN KOOLTHERM K8 INSULATION TO INNER LEAF SIDE OF CAVITY, SECURED WITH S/STEEL TIES AND PINS. STAINLESS STEEL CAVITY TIES. VERTICAL D/C TO DOOR AND WINDOW REVEALS WITH INSULATED CAVITY CLOSERS. LINTOLS TO BE IG LI/HD100 OR SIMILAR. FOUNDATIONS TO COMPLY TO PART A AND TO BE TO SATISFACTION OF LOCAL AUTHORITY. FOUNDATIONS TAKEN BELOW INVERT OF ANY DRAINS. NEW DRAINS TO BE 100 mm SUPERSLEEVE (ENCASED IN RC CONCRETE WITHIN BUILDING) WITH GOOD ACCESS INSPECTION CHAMBER AS SHOWN. DRAINS CONNECTED TO EXISTING AND EXISTING SYSTEM TO BE MAINTAINED.

ROOF CONSTRUCTED AS SHOWN AND TIED DOWN AT 1200 CTRS WITH 38x6 GALV. M.S. STRAP, BUILT INTO WALL MIN 450 mm AND FIXED ACROSS 3 No SPARS WHEN PARALLEL TO WALL. ROOF VOID VENTILATED VIA EAVE VENTS / SLATE VENTS.

WINDOWS TO BE DOUBLE GLAZED WITH OPENERS NOT LESS THAN 1/20th FLOOR AREA WITH MINIMUM 8000mm² TRICKLE VENTILATION. WINDOWS SEALED WITHIN OPENING. ALL GLAZING TO BE SAFETY GLASS. DOUBLE GLAZING TO HAVE PILKINGTON K GLASS TO INNER PANE. MIN U-VALUE 1.6 W/m²K.

ESCAPE WINDOWS (FF) TO BE MIN 450mm WIDE WITH 0.33 m² CLEAR OPENING.

EXTRACT TO BATHROOMS TO BE CAPABLE OF 30 L/SEC EXTRACTION, OPERATING IN CONJUNCTION WITH LIGHT SWITCH WITH 5 min OVER-RIDE

KITCHEN TO BE CAPABLE OF 60 L/SEC EXTRACTION

STUDDED PARTITIONS TO BE 100x50 STUDDING AT 400 CTRS LINED BOTH SIDES WITH 12.5 PLASTERBOARD & SKIM. 100mm ROCKWOOL INSULATION TO VOIDS.

INSPECTION CHAMBER LINED WITH 12.5 PLASTERBOARD & SKIM ON VAPOUR BARRIER. 100mm KINGSPAN INSULATION VOIDS. STUDDING LINED EXTERNALLY WITH CEMENT SLATE (SIMILAR TO MATCH EXISTING) ON BATTENS ON REINFORCED ROOFING FELT ON 9mm SHEATHING PLY. CHIMNEY ADJACENT TO PARTY WALL TO HAVE 9mm CAPE BOARD IN LIEU OF PLY

S.D. SMOKE DETECTOR
H.D. HEAT DETECTOR

DETECTION SYSTEM TO BE PROVIDED AT EACH FLOOR LEVEL. SYSTEM TO BE MAINS OPERATED, INTERLINKED WITH BATTERY BACK-UP.

ALL TO BE TO B.S. 5446 PT. 1.

ELECTRICAL INSTALLATION BY APPROVED CONTRACTOR WITH TEST CERTIFICATE PROVIDED ON COMPLETION. LOW ENERGY CEILING ROSES TO BE USED.

ALL WORK TO BE TO SATISFACTION OF LOCAL AUTHORITY

ALL STEELWORK TO BEAR ON 150 DEEP CONCRETE PADSTONES. BEAMS TO BE ENCASED IN 2 LAYERS OF 12.5mm FIRELINE BOARD AND SKIM.

320140436

Proposed alterations
1 Tithe Barn Cottages
Pendleton Road
Wiswell
scale 1:50