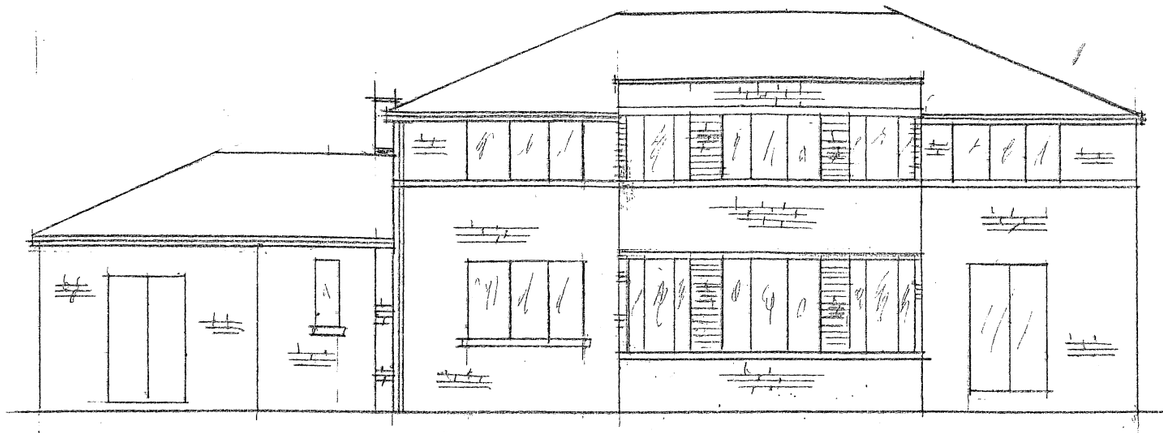
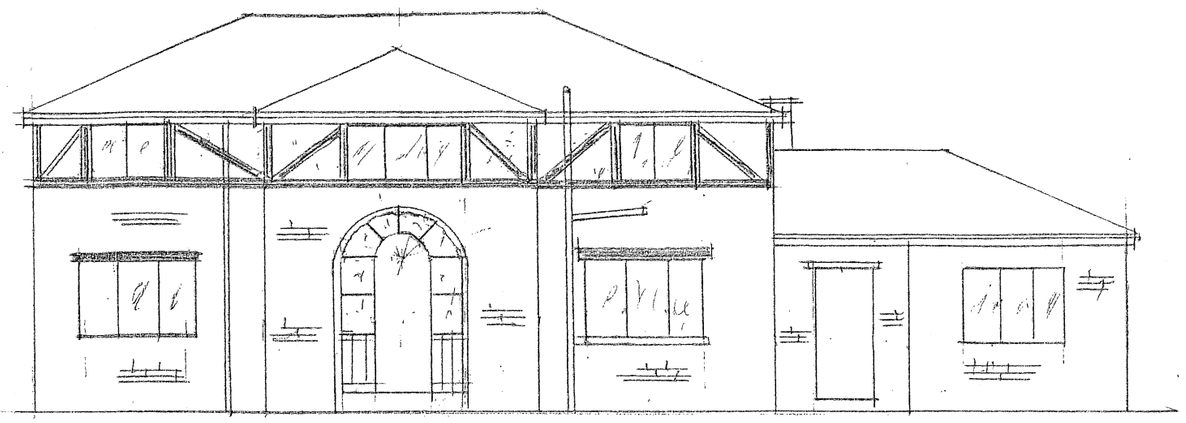


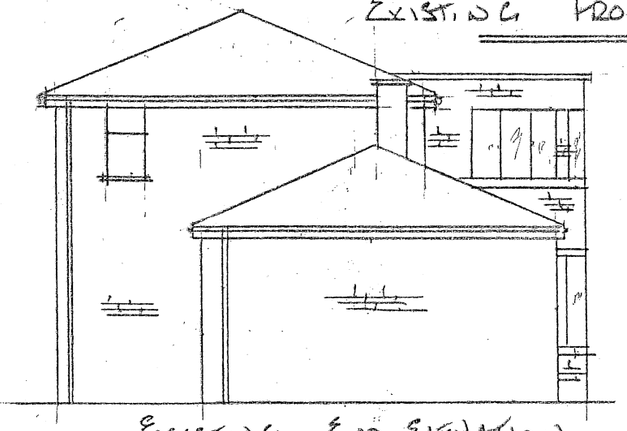
EXISTING REAR ELEVATION



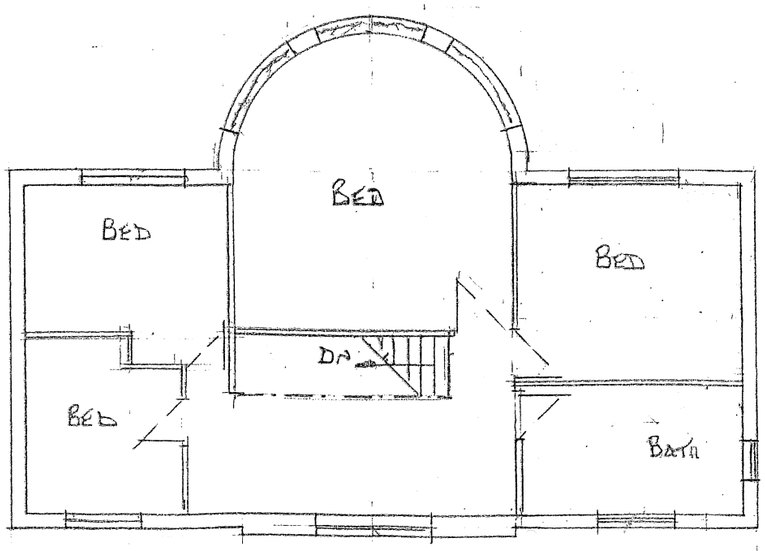
EXISTING FRONT ELEVATION

EXISTING PLANS & ELEVATIONS @
SHADWELL HSE
76 LONDHILL RD
WOMBWELL

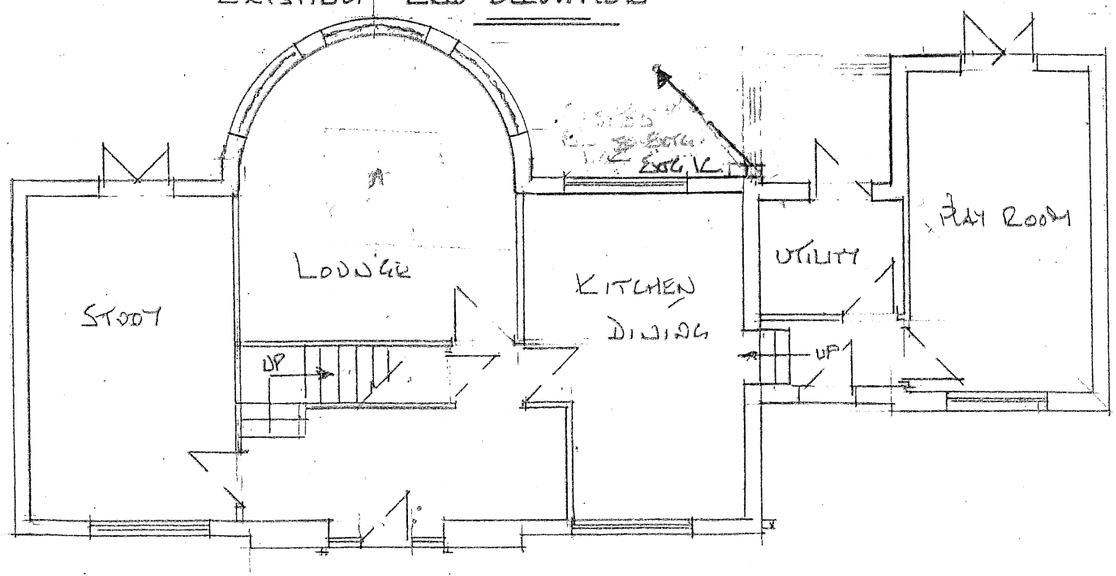
SCALE 1:100



EXISTING END ELEVATION

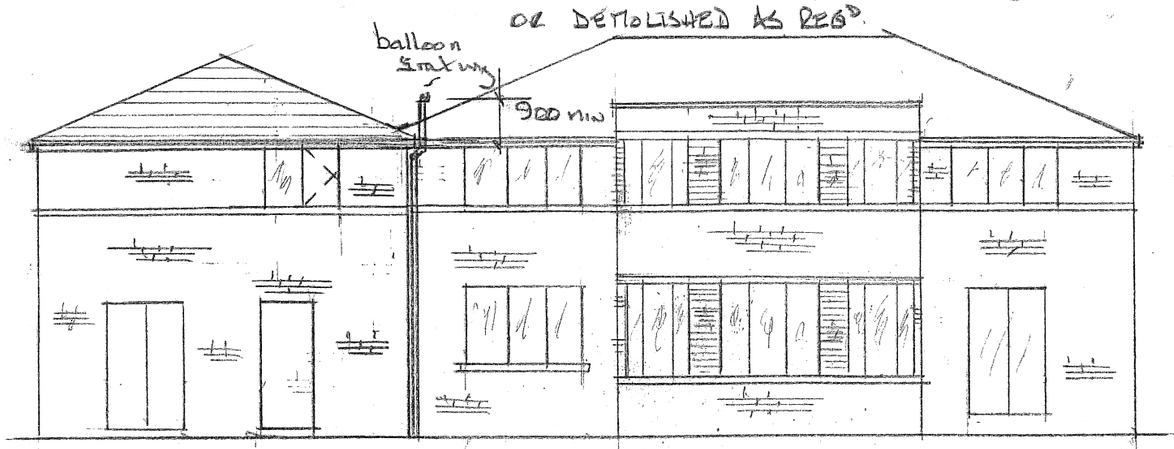


EXISTING FIRST FLOOR



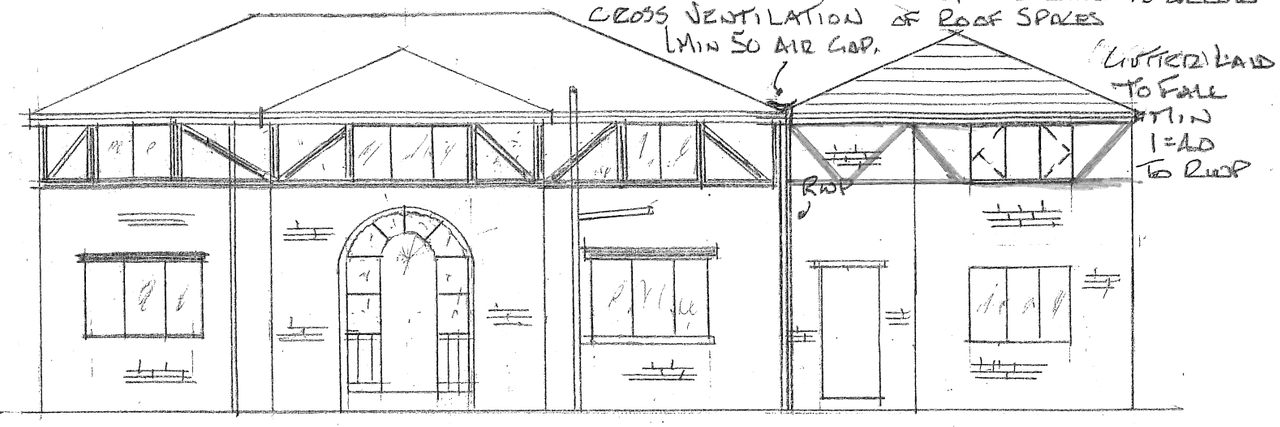
EXISTING GROUND FLOOR

NOTE= EXISTING REDOUBAOT CHIMNEY STACK TO BE REDUCED IN HEIGHT & RECAPPED OR DEMOLISHED AS REQ'D.



PROPOSED REAR ELEVATION

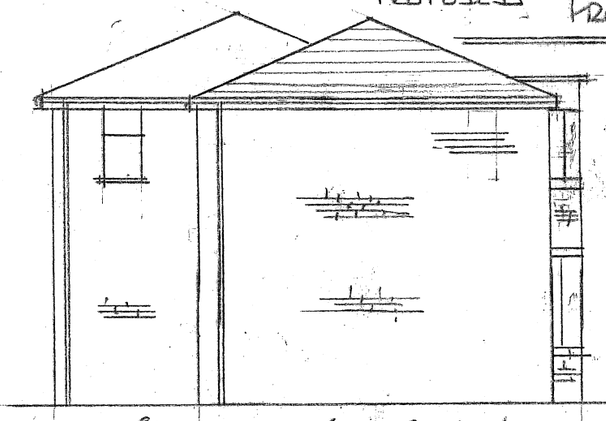
FORM CODE ⊿ LEAD GUTTER ON 18mm EXTERNAL PLY LEAD DRESSED UNDER TILES MIN 150 EACH SIDE BOARDING TO SIT ON MIN 50 DEEP NOGGINS TO ALLOW CROSS VENTILATION OF ROOF SPACES (MIN 50 AIR GAP.



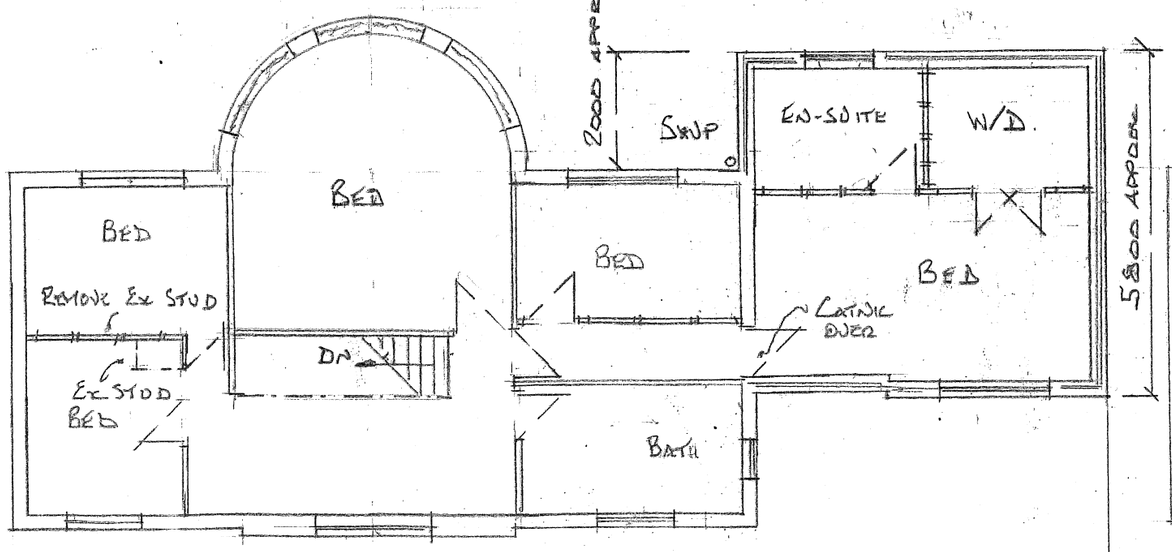
PROPOSED FRONT ELEVATION

PROPOSED PLANS & ELEVATIONS @
SHADWELL HSE
76 LUNDHILL RD
WOMBWELL

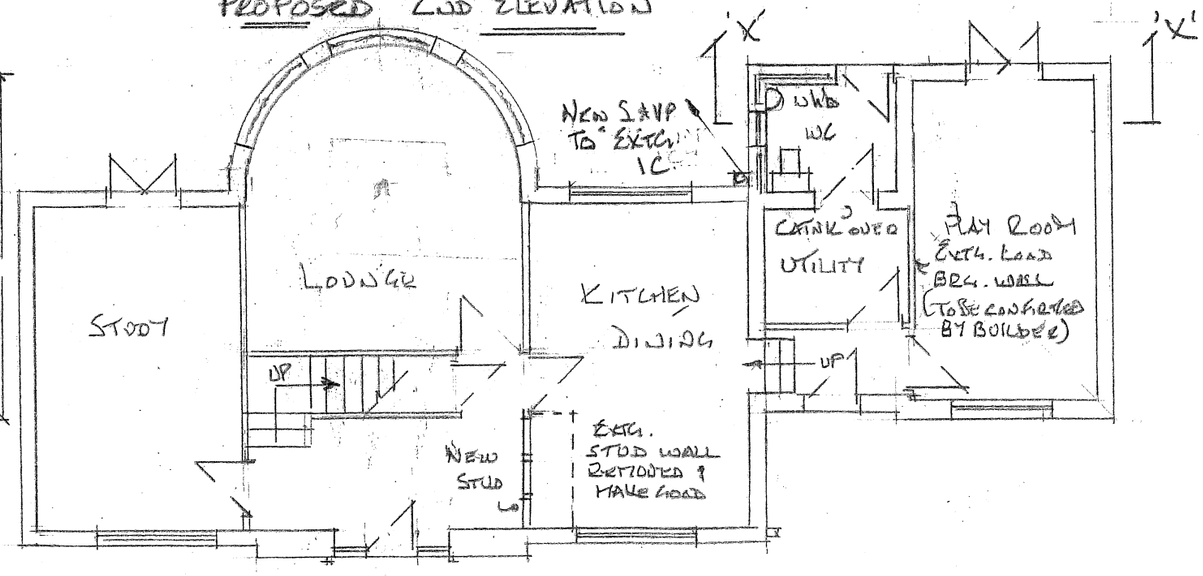
SCALE 1:100



PROPOSED END ELEVATION



PROPOSED FIRST FLOOR

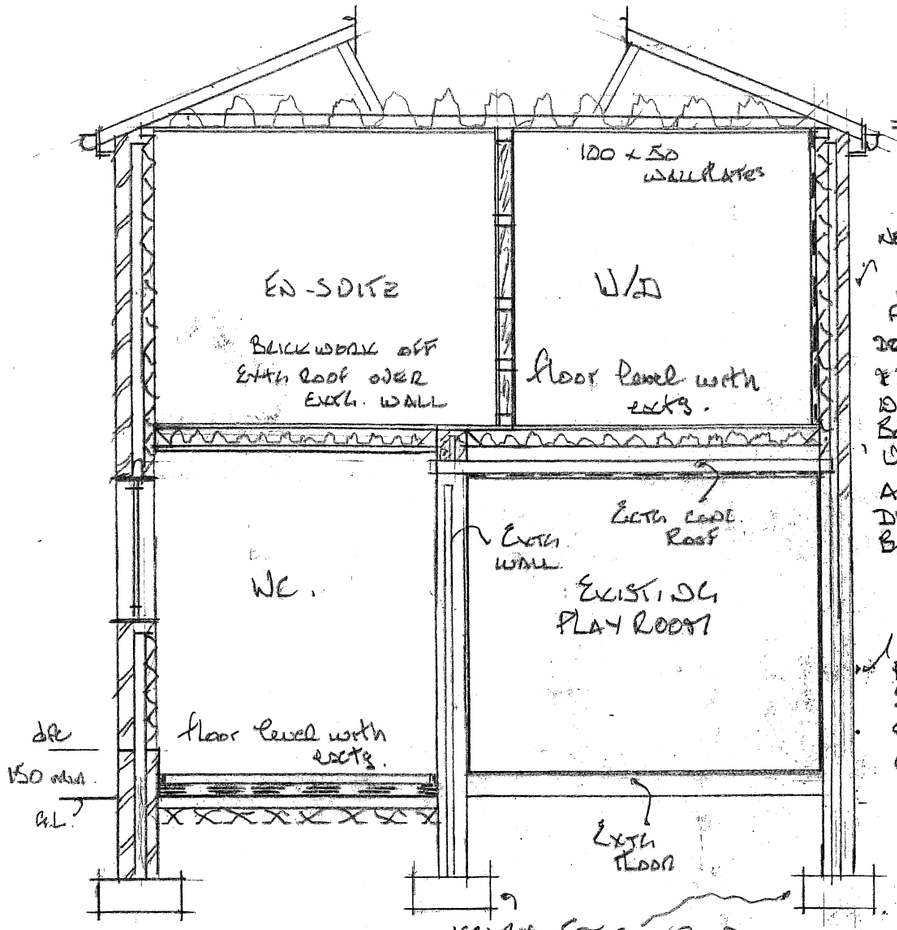


PROPOSED GROUND FLOOR

ALL DIMENSIONS TO CHECKED BY BUILDER PRIOR TO WORK COMMENCING

PROPOSED EXTENSIONS @
SHADWELL HSE
76 LUNDHILL RD
WOMBWELL

SCALE 1:50



SECTION X-X

HEATING: EXTENSION TO EXISTING WITH RADIATORS FITTED WITH THERMOSTATIC CONTROL VALVES.
PIPEWORK INSULATED IN ACCORDANCE WITH PART L OF BUILDING REGS.

MECHANICAL VENTILATION TO KITCHEN:
EXTRACT FAN TO GIVE 60 LITRES/SEC EXTRACTION (30 L/S WITH COOKER HOOD)

MECHANICAL VENTILATION TO EN-SUITE:
EXTRACT FAN TO GIVE 15 LITRES / SEC EXTRACTION OPERATED INTERMITTENTLY.
WITH 15 MINUTE OVERRUN FACILITY LIGHT OPERATED

MECHANICAL VENTILATION TO UTILITY:
EXTRACT FAN TO GIVE 30 LITRES/ SEC EXTRACTION.

ELECTRICS:
ALL TO BE CARRIED OUT BY A PERSON WITHIN A COMPETENT PERSON SCHEME OR INSPECTED UNDER PART P OF BUILDING REGULATIONS.(FOR WHICH A ADDITIONAL PAYMENT WILL BE REQUIRED)
APPROPRIATE BS 7671 ELECTRICAL INSTALLATION CERTIFICATE TO BE ISSUED FOR THE WORK BY A PERSON COMPETENT TO DO SO.

FIRST FLOOR CONSTRUCTION:
25mm FLOOR QUALITY WEYROC ON 150 X 50 SC3 GRADE JOISTS @ 400 CTRS..
SOLID STRUTTING TO MID SPAN TO JOISTS OVER 2.5M SPAN
EVERY 3rd JOIST TIED DOWN BWK. WITH 30 X 5 GMS STRAPS MIN 450 LONG.
LATERAL RESTRAINT TO FLOOR WITH 30 X 5 GMS STRAPS ACROSS MIN 3 JOISTS ON NOGGINS BETWEEN JOISTS @ MAX 1800 CTRS
ALL UNDERDRAWN WITH 12.5mm PL. BD. & SKIM FINISH.
ALL JOISTS TO BE SUPPORTED OF MS JOIST HANGERS.
100mm FIBREGLASS SOUND INSULATION BETWEEN JOISTS TO KITCHEN AREA

GROUND FLOOR CONSTRUCTION:
65mm SAND CEMENT SCREED ON POLYTHENE PROTECTED 130 mm CELOTEX GA3000Z INSULATION BOARDS ON 2000 VISQUEEN LAPPED TO DPC ON 100 CONC. ON SAND BLINDED CONSOLIDATED HARDCORE.
INSULATING STRIPS DRESSED UP PERIMETER TO FLOOR LEVEL
AND ALL AS NOTED ON SECTION X - X

WINDOWS:
ALL TO BE LOW E DOUBLE GLAZED (PVC OR TIMBER CONSTRUCTION) WITH 16mm AIR GAP
OPENING LIGHTS MIN. 1/20 FLOOR AREA SERVED AND FITTED WITH MIN. 8000mm2 TRICKLE VENT OPENINGS.
WINDOW TO BEDROOM TO HAVE OPENING LIGHT MIN 750 HIGH X 450 WIDE MAX 1100 & MIN 800 ABOVE FLOOR LEVEL FOR ESCAPE PURPOSES.

ALL NEW WINDOWS & EXTERNAL DOORS CONSTRUCTED TO ACHIEVE U VALUE 1.8
I.E.ARGON FILLED MIN 16mm GAP WITH LOW E COATING TO INSIDE.

GLAZING:
ALL GLAZING IN & AROUND DOORS TO BE SAFETY GLASS & ALL GLAZING BELOW 800mm FROM FLOOR LEVEL TO BE SAFETY GLASS.
ALL SAFETY GLASS TO BS 6206. CLASS C.

LINTOLS:
CATNIC CG 90/100 TYPE UNLESS NOTED. LINTOLS TO HAVE MIN 150mm BEARING BOTH SIDES.

NOTE:
EXISTING LINTOLS TO BE PROVED TO STISFACTION OF BUILDING CONTROL OFFICER & TO BE REPLACED IF DEEMED NECESSARY.

ROOF CONSTRUCTION:
CONCRETE INTERLOCKING ROOFING TILES TO MATCH EXISTING ON 38 X 38 SW BATTENS @ PITCH TO SUIT TILES ON FACTORY MADE TRUSSES @ MAX 600 CTRS.
(MANUFACTURERS CALCS. TO BE SUBMITTED MIN 28 DAYS PRIOR TO ERECTION)
ALL ERECTED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
100 X 25 DIAGONAL BRACING & 100 X 25 LONGITUDINAL BRACING @ NODE POINTS TO CEILING, WEB & DIAGONALS IN ACCORDANCE WITH BS 5268 PART 3.
EVERY 3rd TRUSS TO BE TIED DOWN BWK. MIN 6 COURSES WITH 30 X 5 GMS STRAPS & ACROSS MIN 3 TRUSSES ON NOGGINS BETWEEN TRUSSES @ CEILING & VERGE LINES @ MAX 1800 CTRS.
EACH TRUSS TO BE INDIVIDUALLY FIXED WITH FRAMING PLATES TO 100 X 50 WALLPLATE ANCHORED WITH 30 X 5 GMS STRAPS 1000 LONG @ 600 CTRS.
ROOF PITCH & SPAN ETC. TO BE CHECKED BY BUILDER & ENSURE SUITABILITY FOR TILES TO BE USED & PRIOR TO DESIGN OF TRUSSES.

WALLPLATES ANCHORED DOWN BWK WITH 30 X 5 GMS STRAPS X 1000 LONG @ 600 CTRS.
CEILING JOISTS FIXED TO RAFTERS, BINDERS & WALLPLATES WITH FRAMING CLIPS.
EVERY 3rd RAFTER/JOIST TIED DOWN BWK. MIN 450 WITH 30 X 5GMS ANCHOR STRAPS & ACROSS MIN 3 RAFTERS/JOISTS @ CEILING & VERGE LINES ON NOGGINS BETWEEN @ MAX 1800 CTRS.

ROOF VENTILATION:
MIN. 25mm AIR GAP TO SOFFIT/BWK. ALL ROUND. GAP PROTECTED WITH VERMIN PROOF MESH.
RIDGE VENTS TO GIVE EQUIVALENT 5mm CONTINUOUS AIR GAP
ROOF VENTILATORS FIXED BETWEEN RAFTERS TO AID PASSAGE OF AIR INTO ROOF SPACE, MIN 50mm AIR GAP FROM INSULATION TO U/S OF SLATES TO BE MAINTAINED.

SEE NOTES ON FRONT ELEVATION FOR CROSS VENTILATION OF NEW & EXISTING ROOF SPACES.

ROOF INSULATION: 300 FIBREGLASS INSULATION LAID IN ROOF SPACE, 150 LAID BETWEEN TRUSSES & 150 LAID @ 90 DEG. UNDERDRAWN WITH 12.5mm PL.BD & SKIM.

WALL CONSTRUCTION:EXTERNAL
102.5 FACING BWK.TO MATCH EXISTING,100mm CAVITY FILLED WITH 100mm ROCKWOOL, THERMALITE SHIELD 2000 BLOCK INNER LEAF FACED WITH 13mm LIGHTWEIGHT PLASTER TO GIVE 'U' VALUE LESS THAN 0.27
INSULATION TAKEN TO FULL WALL HEIGHT & TO COVER GROUND FLOOR INSULATION.
SEC. ENG. BWK. BELOW DPC LEVEL & WEAK MIX FILL CAVITY TO 225mm BELOW DPC LEVEL
LEVEL.
DPC SET 150mm MIN ABOVE GROUND LEVEL & NOT TO BRIDGE CAVITY.
STAINLESS STEEL WALL TIES @ 5/Sq.M. & 225 VERTICAL TO UNBONDED JAMBS.
THERMABATE CAVITY CLOSERS TO SILLS & REVEALS.
ALL NEW BRICKWORK BLOCK BONDED TO EXISTING & CAVITY MADE CONTINUOUS.

INTERNAL WALLS: STUDDING WALLS
100 X 50 STUD WALLS WITH 12.5mm PL.BD. & SKIM BOTH SIDES.
100mm FIBREGLASS BETWEEN STUDS.
DOUBLE JOISTS UNDER STUD WALLS.

DPC:
BITUMEN DPC TO WALLS MIN 150 ABOVE GROUND LEVEL
VERTICAL DPC & WEATHER CHECKS TO ALL EXTERNAL OPENINGS.

FOUNDATIONS:
600 X 225 STRIP FOOTINGS MIN. 600 COVER (900 IF IN CLAY STRATA & TAKEN BELOW INVERT LEVELS OF ADJACENT DRAINS WITHIN 1000mm OF FOUNDATIONS.
ANY DRAINS UNDER EXTENSION TO BE UNCOVERED & HAUNCHED IN 150mm

CONCRETE & LINTOL OVER WHERE PASSING THRO WALLS(BUILDER TO CHECK PRIOR TO EXCAVATING FDTS. FOR HIDDEN DRAINS & REDUNDANT DRAINS TO BE GRUBBED UP & SEALED.
ALL FOUNDATIONS TAKEN DOWN TO FIRM GROUND & ALL TO SATISFACTION OF D.B.S.

PLUMBING: EN SUITE
WCs TO HAVE 75mm DEEP SEAL TRAP TO NEW S & VP.TO EXTG. I.C.
WHB TO HAVE 40mm DIA WASTE & RESEALING TRAP TO ENTER S & VP 200mm ABOVE OR BELOW WC INLET.
BATH /SHOWER TO HAVE 40mm DIA WASTES & RESEALING TRAPS TO ENTER MIN 200mm ABOVE OR BELOW WC INLET

PLUMBING : KITCHEN
SINK TO HAVE 40mm DIA WASTE & RESEALING TRAP TO NEW S & VP TO EXISTING I.C.

PLUMBING :GROUND FLOOR WC
WC TO HAVE 75mm DEEP SEAL TRAP TO NEW. S & VP
WHB TO HAVE 38mm DIA WASTE & RESEALING TRAP TO ENTER STACK MIN 200mm ABOVE WC ENTRY.

DRAINAGE:
EXISTING DRAIN RUN TO BE IDENTIFIED BY BUILDER & NEW DRAINS CONNECTED TO SATISFACTION OF D.B.S.
ALL NEW DRAINS TO BE 100mm FLEXIBLE JOINTED HEPSLEEVE & LAID IM 150 PEA GRAVEL TO FALL MIN. 1:40 TO I.C.
DRAINS UNDER EXTENSION TO BE HAUNCHED IN 150 mm CONCRETE & LINTOL OVER WHERE PASSING THRO WALLS.

ANY EXISTING DRAINS UNDER EXTENSION TO BE IDENTIFIED BY BUILDER PRIOR TO WORK COMMEN & HAUNCHED IN 150mm CONCRETE & LINTOL OVER WHERE PASSING THRO. WALLS.
REDUNDANT DRAINS TO BE GRUBBED UP & SEALED.

SURFACE WATER:
113 HALF ROUND PVC GUTTERS TO EXISTING SYSTEM WHERE POSSIBLE OR TO HOLLOW SOAKAWAYS MIN 5M FROM ANY FOUNDATIONS.ALL TO BE DISCUSSED & AGREED WITH D.B.S.
SOAKAWAY SUBJECT TO GROUND PERCOLATION TESTS. WITH RESULTS SUBMITTED TO BUILDING CONTROL OFFICE PRIOR TO WORK COMMENCING.
NOTE: SURFACE WATER TO GO TO SOAKAWAY AS FIRST PRIORITY.