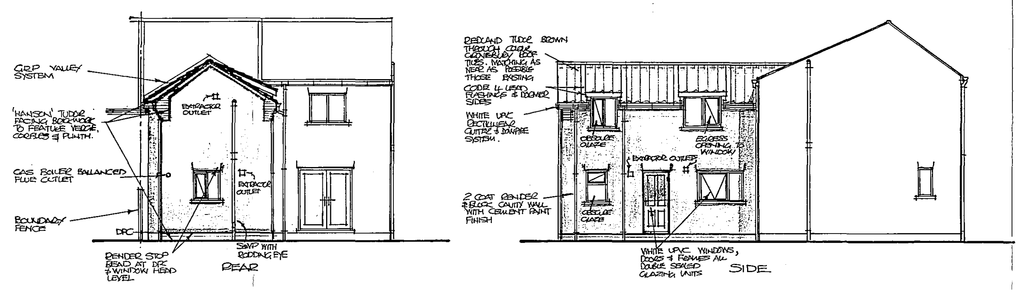
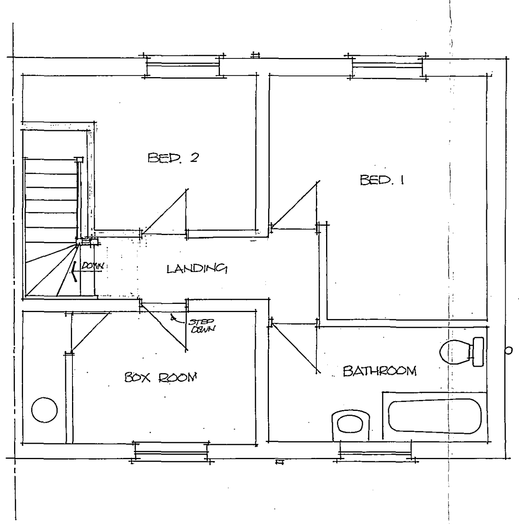
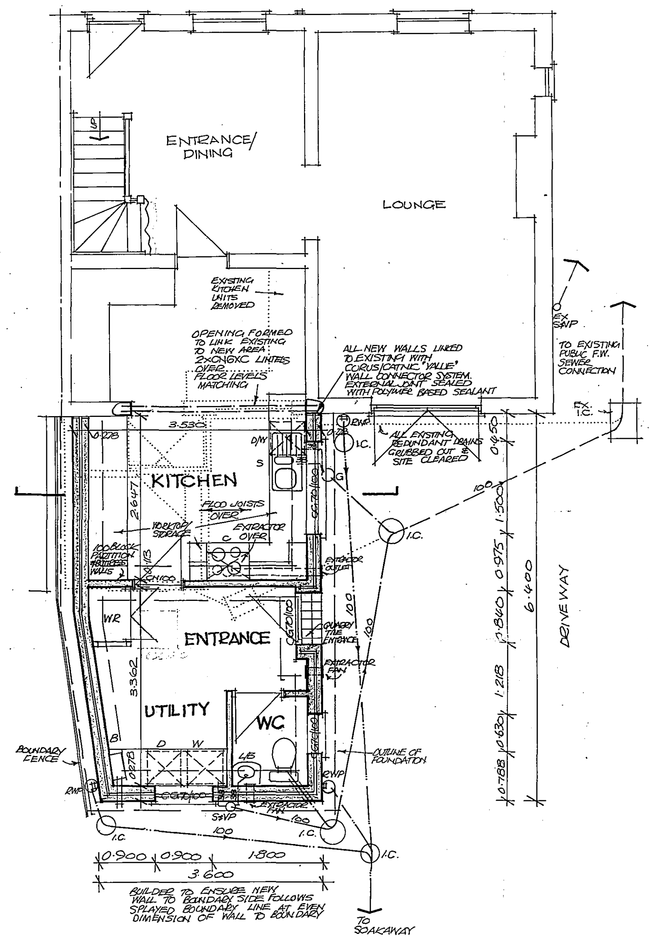


EXISTING ELEVATIONS

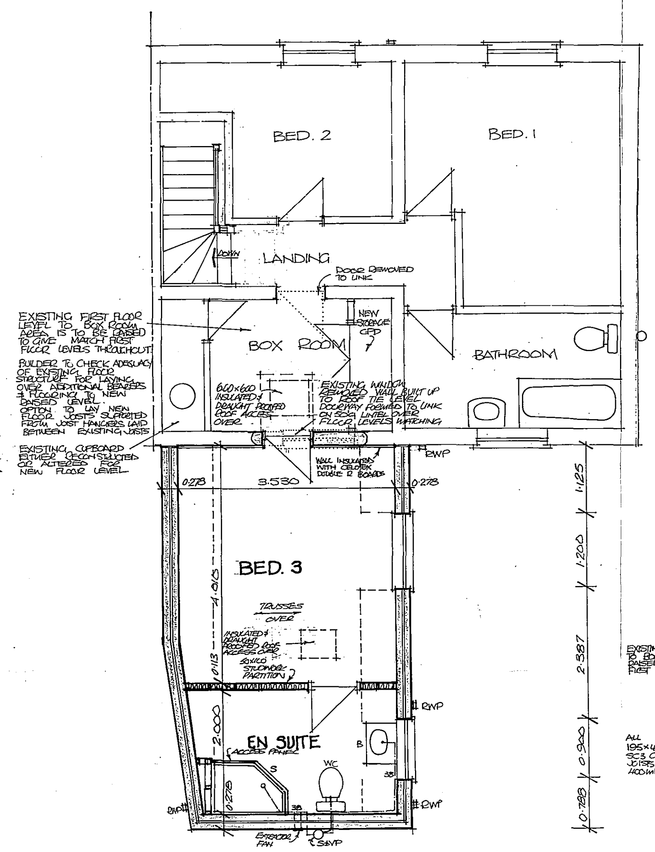


PROPOSED ELEVATIONS

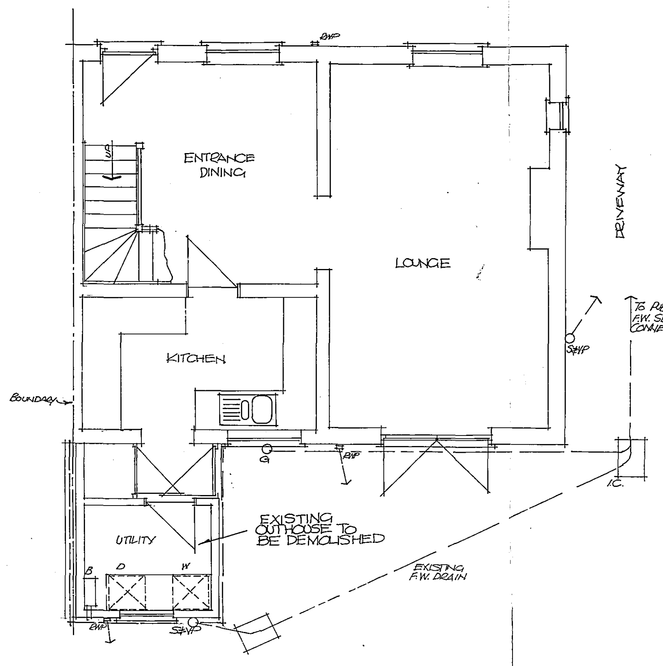




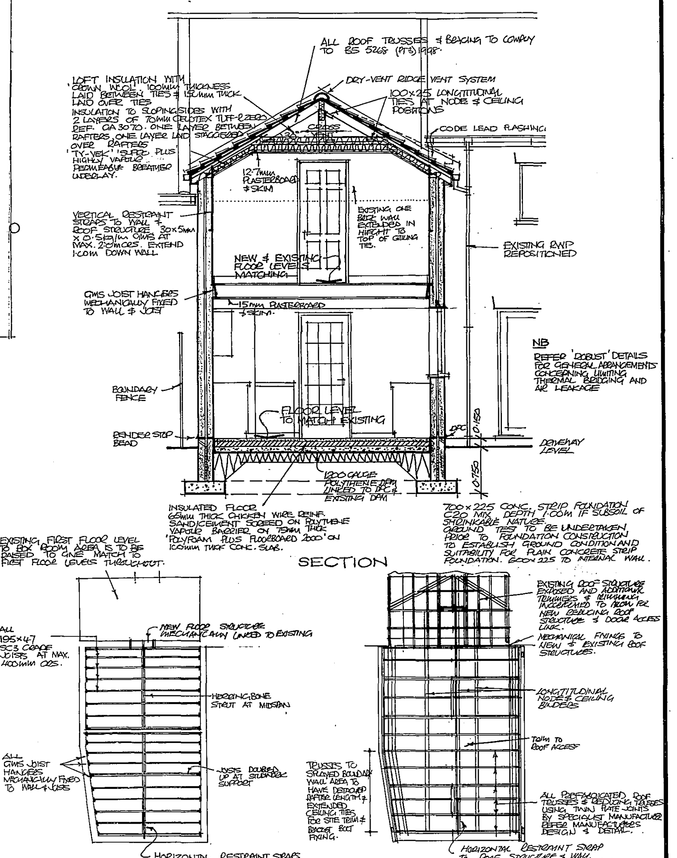
PROPOSED GROUND FLOOR PLAN

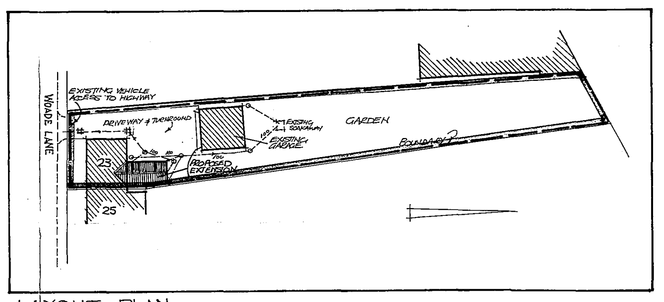


PROPOSED FIRST FLOOR PLAN



EXISTING GROUND FLOOR PLAN





LAYOUT PLAN 1:500

DETERMINATION PLAN

SPECIFICATION NOTES

GENERAL:-
WORK INVOLVES DEMOLITION OF EXISTING SUBSTANDARD LEAN-TO ENTRANCE/UTILITY AND CONSTRUCTION OF AN EXTENSION TO ENLARGE EXISTING KITCHEN AND CREATE LARGER GROUND FLOOR ENTRANCE/UTILITY, & FIRST FLOOR BEDROOM WITH EN-SUITE.

ROOF:-
REDLAND TILE 60mm THROUGH COLOUR CONCRETE INTERLOCKING TILES ON 300 BODE PITCH 38 x 25 TREATED SOFTWOOD BATTENS LAID TO GAUGE ON TYVEK SUPER PLUS HIGHLY VAPOUR PERMEABLE BREATHER UNDERLAY. 10 No. HEADLAP TO TILES. PREFABRICATED OPEN TRUSSES & REDUCING TRUSSES AT MAX. 600mm CRS. 100 x 25 NOGS & CEILING BINDERS, & TRUSSES TO SPLAYED WALL AREA TO HAVE DETACHED RAFTERS, TO REDUCED LENGTH SIDE WITH INTENDED CEILING TIES FOR NAILING TO ACCOMODATE SPLAYED WALL. STEEL BRACKET & BOLT FIX TO SITE FITTED RAFTERS & CEILING TIES. DORMER ROOF RAFTERS & TRIMMED TO MATCH TRUSS. MINIMUM SIZE & GRADE BY TRUSS MANUFACTURERS DESIGN & SUPPLY. ROOF ANCHORAGE WITH GALV STRAPS AT ALL EAVES, VERGES & CEILING LEVELS. NEW ROOF SLATED MECHANICALLY FIXED TO EXISTING. DIAGONAL BRACES MAX. 200W CRS. HORIZONTAL BRACES WITH NOGGINS & PACKING TO PARALLEL SIDES. 50 x 5 1100 kg/m SNOWS. VERTICAL BRACES 50 x 5 x 0.56g/m EXTENDING 100W DOWN WALL. CROSS VAT VAT BRACING ALTERNATELY & DOWNEY RIDGE SYSTEM. THRU-VENT TILES TO ROOF UNDER AREAS. ROOF INSULATION WITH 100mm WOOL TO HORIZONTAL AREA, 150mm THICK LAID BETWEEN CEILING TIES & 150mm THICK LAID OVER TIES LAIDED TO INSULATION TO SLOPING AREA OF 2 LAYERS OF CELOTEX 70mm THICK TUF-R2 ZERO REF. GA 3970 LAIDED TO WALL INSULATION.

CODE 4 LEAD FLASHING TO ABUTMENT, GRP VALLEY SYSTEM. 112mm RIDGE CUTTER & DCMUPRE SYSTEM. 112mm RIDGE CUTTER & 60mm DOWNPIPES. 150 x 75 HALL RATES, UPVC CUTTER & SOFFIT BOARDS.

ALL STRUCTURAL TIMBER MIN. SC3 GRADE

CEILING:-
TO FIRST FLOOR CEILING 12.7mm THICK PLASTERBOARD & SKIM COAT PLASTER. GROUND FLOORS CEILING 15mm THICK PLASTERBOARD & SKIM COAT PLASTER.

WALLS:-
FULL FILL INSULATED CAVITY WALL. 100 CELCON BLOCK TO INNER & OUTER SKIN. 75mm THICK FULLY FILLED BETWEEN CAVITY WITH INSULATION TO 75mm THICK PLASTERBOARD ON DABS INTERNALLY WITH SKIM COAT PLASTER FINISH. 2 COAT RENDER EXTERNALLY WITH CEMENT PAINT FINISH. DPC AND STEP BELOW AT DPC & WINDOW HEAD POSITIONS. 'MARLEY' TILEDGE FACING BRICKWORK FEATURES TO VERGE GABLES & PLINTH. UPVC DPCS LINKED TO DPM. WALL TIES TO BS 1243: 1978 MAX. SPACING 900mm HORIZ & 450mm VERT. TIES AT LEVELS EVERY 300mm OF HEIGHT. NEW WALLS LINKED TO EXISTING WITH CAVITY/CAVITY 'WALLE' CAVITY WALL COLLECTOR SYSTEM INSTALLED STRICTLY TO MANUFACTURERS RECOMMENDATIONS. EXTERNAL JOINT SEALED WITH POLYMIC BASED SEALANT. 7N BLOCKWORK TO SUBSTRUCTURE WALLS.

LINTELS:-
CODUS/CATNIC GALV LINTELS. 150mm MIN. BED BEARING TYPES AS DETAILED

FIRST FLOOR:-
18mm THICK P.C.C.C. GRADE T&G CHIPBOARD ON 145 x 47 SC3 GRADE JOISTS AT MAX. 400mm CRS. DOUBLED UP FOR STRUDDLES. PARTITION SUPPORT HOUSEBLOCK SPLIT AT MID SPAN GALV. JOIST HANGERS MECHANICALLY FIXED TO JOIST & WALL. BRIDGING TO STRUTS TO PARALLEL SIDES 30 x 5 x 1004/m GALV MAX. 2.0m CRS WITH NOGGINS & PACKING. MECHANICAL LINE OF JOISTS TO EXISTING FLOOR LINE. LEVEL MATCHING THROUGHOUT

GROUND FLOOR:-
65 MM THICK CHOSEN WIRE REINFORCED SHILY CEMENT SCREED ON POLYTHENE VAPOUR BARRIER ON 75MM THICK POLYFOAM PLUS 2000 FLOOR INSULATION ON 100MM THICK CONCRETE SLAB ON 150 GAUGE POLYTHENE DPM LAPPED TO DPC. DPC'S & DPM'S CONTINUOUS TO EXISTING AREAS. 150 MM MIN THICK SELECTED, BLINDED & WELL CONSOLIDATED HARDCORE BED. FLOOR LEVEL MATCHING THROUGHOUT

FOUNDATION:-
700 x 225 mm CONCRETE STRIP FOUNDATION TO CAVITY WALLS & 600 x 225 MM TO BUTTRESS WALL. 750MM MIN DEPTH (IE. 150MM BELOW DPC TO INVERT LEVEL OF CONCRETE) DEPTH 100M IF SUBSOIL OF SHRINKABLE NATURE. TEST HOLE EXCAVATED TO ESTABLISH GROUND CONDITION & SUITABILITY FOR PLAIN CONCRETE STRIP FOUNDATION. CONCRETE C20 MIX.

WINDOWS & DOORS:-
WHITE UPC UNITS BY SPECIALIST CONTRACTOR/ SUPPLIER. ALL DOUBLE SEALED GLAZING UNITS WITH 20MM GAP BETWEEN PANES. TYPE OF GLAZING USED TO ACHIEVE 2.2 W/M²K U VALUE. SAFETY GLAZING OF SIZES, BREAKAGE TO BS 6206 TO ALL DOORS & WINDOWS BELOW 800mm FROM FLOOR LEVEL & 250mm ABOVE. THIS LEVEL TO BEDROOM WINDOW TO HAVE BARGEBOARD ESCAPE WINDOW WITH UNOBSTRUCTED OPENABLE AREA THAT IS AT LEAST 0.33M² IN AREA & NOT LESS THAN 450mm WIDE & 450mm HIGH. THE UNOBSTRUCTED OPENABLE AREA SHOULD BE NOT MORE THAN 1100mm ABOVE THE FLOOR. (BUILDING REG. 6) SECT 4/2.11)

VENTILATION:-
KITCHEN — RAPID VENTILATION WITH MECHANICAL EXTRACTION VIA COOKERS HOOD SIMULTANEOUSLY WITH CAPABILITY OF 30 L/SEC OPERATED INTERMITTENTLY IE. WHEN COOKING, BACKGROUND VENTILATION VIA WINDOW TRICKLE VENTS WITH 5500 mm² VENT AREA.
W.C & EN SUITE — MECHANICAL EXTRACTION CAPABLE OF 15 L/SEC OPERATED INTERMITTENTLY. RAPID VENT VIA WINDOW OPENING.
UTILITY — MECHANICAL EXTRACTION CAPABLE OF 30 L/SEC OPERATED INTERMITTENTLY, RAPID VENT VIA WINDOW OPENING
BEDROOM — RAPID VENT VIA WINDOW OPENING MIN. 1/20 OF FLOOR AREA OF ROOM & 1.75M ABOVE FLOOR LEVEL. BACKGROUND VENT VIA TRICKLE VENT WALL 8000 mm² VENT AREA.

BUILDER'S NOTE:-
BUILDER TO FULLY ACQUAINT HIMSELF/ HERSELF WITH PROPOSED DETAILS WITH SITE VISIT PRIOR TO TENDERING AND ALLOW FOR THE COST OF ANY WORK NOT NECESSARILY SHOWN ON THE DRAWING, IN ORDER TO COMPLETE THE WORKS. NO RESPONSIBILITY CAN BE ACCEPTED BY THE DESIGNER FOR THE COST OF ANY WORK DEEMED NECESSARY AND NOT SHOWN ON THE DRAWING.

ELECTRICAL:-
ALL ELECTRICAL WORK REQUIRED TO MEET THE REQUIREMENTS OF PART P (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO.

PRIOR TO COMPLETION THE SHDC BUILDING CONTROL OFFICER SHOULD BE SATISFIED THAT PART P HAS BEEN COMPLIED WITH. THIS MAY REQUIRE AN APPROPRIATE BS7671 ELECTRICAL INSTALLATION CERTIFICATE TO BE ISSUED FOR THE WORK BY A PERSON COMPETENT TO DO SO.

HEATING & HOT WATER:-
EXISTING HOT WATER CYLINDER AND CENTRAL HEATING SYSTEM EXTENDED TO NEW AREAS. NO HOT WATER PIPES INSULATED IN UNINSULATED AREAS. EXISTING BOILER REPOSITIONED AND EXISTING SMALL BORE STEEL PIPED HEATING SYSTEM EXTENDED TO NEW AREAS. CONFIRM THERMOSTATIC & TIME CONTROLLED SYSTEM. CERTIFICATION & INSTRUCTION BY APPROVED COMPETENT PERSON.

ABOVE GROUND DRAINAGE:-
100W UPC I.C. SOIL & VENT PIPE SYSTEM WITH RODDING ACCESS. DURABLE VENT GUARD TERMINAL MIN. 750mm ABOVE UPPER WINDOW LEVEL. OSMA PLY/POLYPLENE WASTE PIPE SYSTEM. ALL 38mm DIA PIPEWORK. ALL 75mm DEEP SEAL ANTI-VACUUM TRAPS.

F.W. DRAINAGE:-
100mm DIA 'OSMA' UPVC DOWNS, FLEXIBLE JOINTS, LAID 1:80 FALL. 150 MM THICK PEA SHINGLE BED & SURROUND (150 mm THICK LEAN MIX CNC BED & SURROUND WHERE LAID THROUGH BUILDING & LAIDED BELOW DRIVEWAY AREA) WITH CAP JOINT WORKS TO MAINTAIN FLEXIBILITY WHERE DRAINS LAID & SUBJECT TO VEHICLE TRAFFIC LOADING. PROTECTION / DEPTH AS DIAGRAM 11 OF APPROVED DOCUMENT H1. INSPECTION CHAMBERS WITH 450mm DIA CHAMBERS OR COVERS & FRAMES (450mm DIA CHAMBERS WITH 100mm MIN. DIA. SEALED OSMA UNDERSIL) I.C. 'SEAL' F.W. DRAIN CONNECTED TO EXISTING F.W. DRAIN, WHICH CONNECTS TO PUBLIC F.W. SEWER. WATER TEST CARRIED OUT AT COMPLETION AS APPROVED DOCUMENT H1. FROM 2.6.01 DISCONNECTION OF F.W. DRAINS CARRIED OUT & SITE CLEARED.

S.W. DRAINAGE:- AS F.W. SYSTEM BUT LAID TO GRADIENTS CONSTRUCTED I.C. AND SOAKAWAY (CONSULTED SPECIAL BUT LOCALITY APPROVED 2.6.01 REF. BW/0355/04).

NEW LIGHTING:-
CONFIRM IN LINE WITH APPROVED DOCUMENT L1 PARA 1.65 TABLE 1: MINIMUM OF 10 LOCATIONS IN THE EXISTING & EXTENDED AREA OF THE DWELLING TO HOUSE NEW LIGHT FITTINGS THAT ONLY TAKES LAMPS HAVING A LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT-WATT LOCATIONS FOR EFFICIENT LIGHTING TO BE INSTALLED ARE:-
EXISTING BATHROOM
NEW EN-SUITE
NEW W.C.
EXISTING LANDING.

APRIL 2005

SHDC Planning & Development 25 APR 2005 Ref: 05/461/05

PROPOSED EXTENSION TO DWELLING, 23 WOADE LANE, LONG SUTTON, SPALDING, LINCS.

FOR MR. AND MRS. D. BUTTRISS.
SCALES, 1:100 AND 1:50.