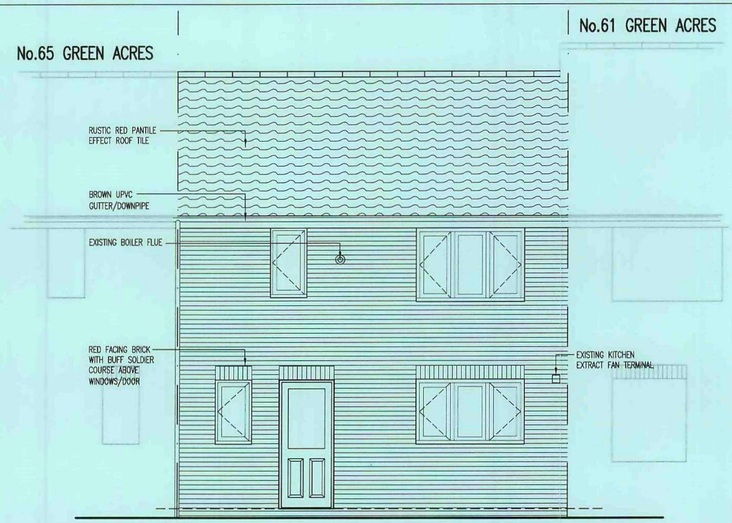
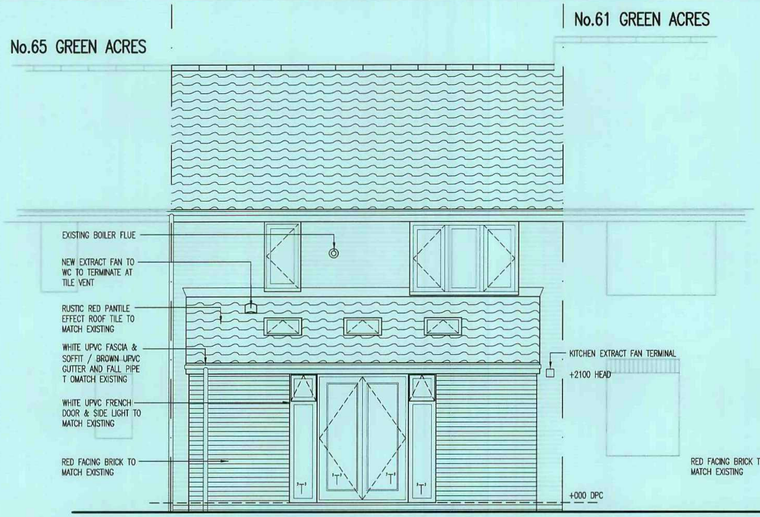
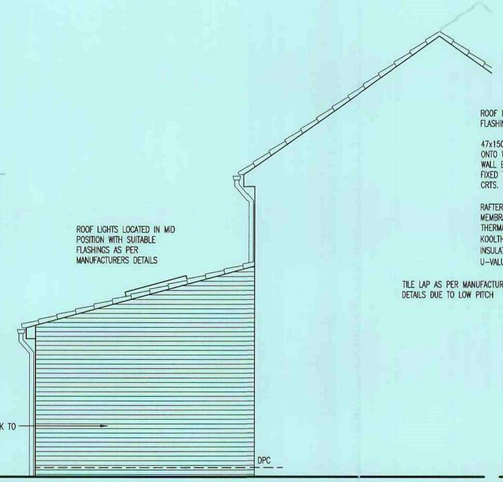


REAR ELEVATION
AS EXISTING

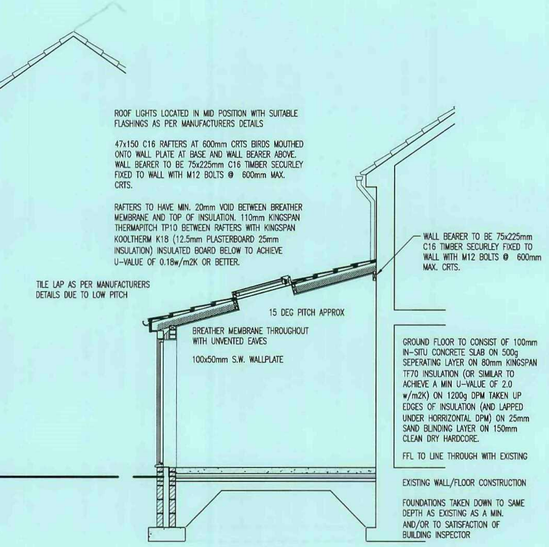


REAR ELEVATION
AS PROPOSED

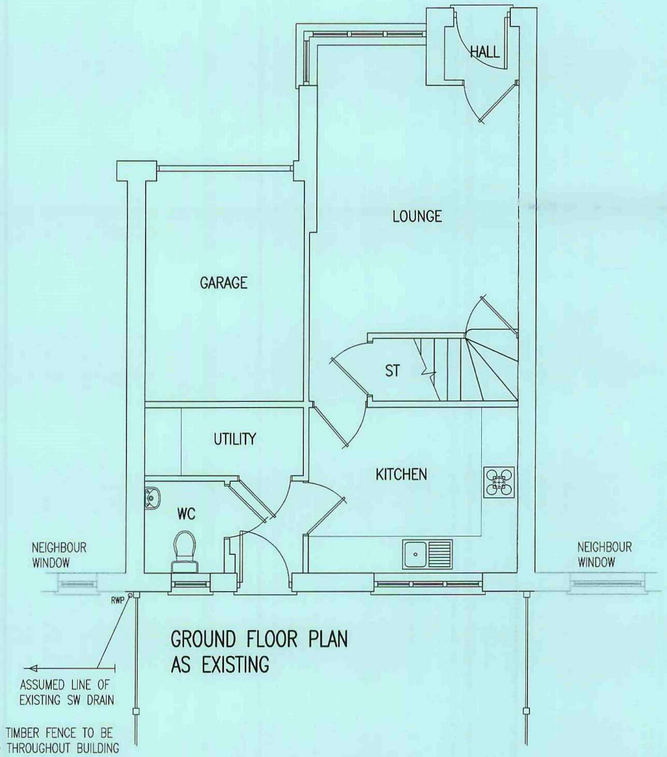
'T' INDICATED TOUGHNED SAFETY GLASS LOCATIONS



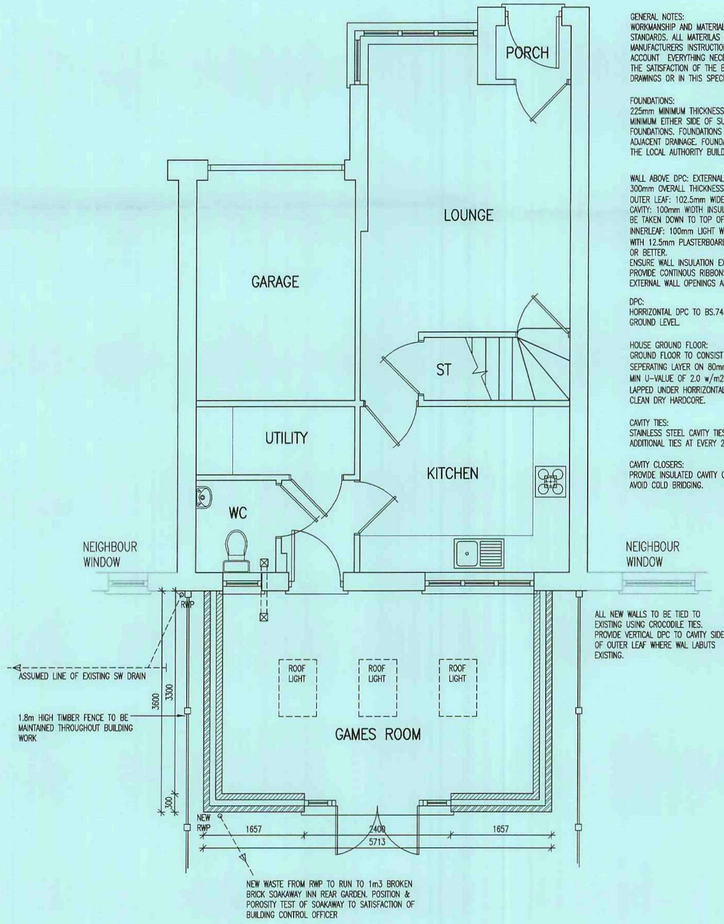
SIDE ELEVATION
AS PROPOSED



SECTION A-A



GROUND FLOOR PLAN
AS EXISTING



GROUND FLOOR PLAN
AS PROPOSED

GENERAL NOTES:
WORKMANSHIP AND MATERIALS TO COMPLY WITH BUILDING REGULATIONS AND BRITISH STANDARDS. ALL MATERIALS SHALL BE FIXED, APPLIED OR MIXED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND SPECIFICATION. THE CONTRACTOR SHALL TAKE INTO ACCOUNT EVERYTHING NECESSARY FOR THE PROPER EXECUTION OF THE WORKS TO THE SATISFACTION OF THE BUILDING INSPECTOR WHETHER OR NOTINDICATED ON THE DRAWINGS OR IN THIS SPECIFICATION.

FOUNDATIONS:
225mm MINIMUM THICKNESS CONCRETE STRIP FOUNDATIONS TO PROJECT 150mm MINIMUM EITHER SIDE OF SUPPORTED WALL. PROVIDE 600mm MINIMUM COVER TO FOUNDATIONS. FOUNDATIONS TO BE TAKEN DOWN TO A LEVEL BELOW INVERT OF ANY ADJACENT DRAINAGE. FOUNDATIONS TO SUIT SITE CONDITIONS TO THE SATISFACTION OF THE LOCAL AUTHORITY BUILDING INSPECTOR.

WALL ABOVE DPC: EXTERNAL WALLS
300mm OVERALL THICKNESS CAVITY WALL
OUTER LEAF: 102.5mm WIDE 'APPROVED' FACING BRICK
CAVITY: 100mm WIDTH INSULATED WITH 45mm KINGSPAN TW50 CAVITY INSULATION TO BE TAKEN DOWN TO TOP OF WEAK MIX CAVITY FILL.
INNERLEAF: 100mm LIGHT WEIGHT BLOCKWORK (0.19 W/mK THERMAL CONDUCTIVITY) WITH 12.5mm PLASTERBOARD ON DABS TO GIVE AN OVERALL U VALUE 0.28 W/m2K OR BETTER.
ENSURE WALL INSULATION EXTENDS 150mm BELOW TOP OF FLOOR INSULATION
PROVIDE CONTINOUS RIBBONS OF ADHESIVE TO FIX DRY LINING AT PERIMETERS OF ALL EXTERNAL WALL OPENINGS AND SERVICES ON EXTERNAL WALL.

DPC:
HORRIZONTAL DPC TO BS.743 TO ALL WALLS POSITIONED 150mm ABOVE FINISHED GROUND LEVEL.

HOUSE GROUND FLOOR:
GROUND FLOOR TO CONSIST OF 100mm IN-SITU CONCRETE SLAB ON 500g SEPERATING LAYER ON 80mm KINGSPAN TF70 INSULATION (OR SIMILAR TO ACHIEVE A MIN U-VALUE OF 2.0 w/m2K) ON 1200g DPM TAKEN UP EDGES OF INSULATION (AND LAPPED UNDER HORRIZONTAL DPM) ON 25mm SAND BLINDING LAYER ON 150mm CLEAN DRY HARDCORE.

CAVITY TIES:
STAINLESS STEEL CAVITY TIES AT 750mm HORIZONTALLY AND 450mm VERTICALLY. ADDITIONAL TIES AT EVERY 225mm VERTICALLY EITHER SIDE OF OPENINGS.

CAVITY CLOSERS:
PROVIDE INSULATED CAVITY CLOSERS AROUND ALL OPENINGS IN EXTERNAL WALLS TO AVOID COLD BRIDGING.

LINTELS:
PROVIDE SUITABLE COMBINED STEEL/PC CONCRETE LINTELS OVER ALL OPENINGS IN EXTERNAL WALLS INCLUDE DPC OVER IN ACCORDANCE WITH MANUFACTURERS DETAILS. ALL LINTELS TO HAVE MINIMUM END BEARING OF AS SPECIFIED BY MANUFACTURER OR MINIMUM 150mm. ALL LINTELS TO BE ENCASED TO GIVE 1/2 HOUR FIRE RESISTANCE. CAVITY TRAYS TO BE PROVIDED ABOVE ALL LINTELS IN EXTERNAL WALLS PROVIDED WITH STOP ENDS INSTALLED TO MANUFACTURERS DETAILS.

WINDOW AND DOOR FRAMES:
STANDARD DOOR AND WINDOW FRAMES WITH 110mm WIDE DPC TO BS.743 TACKED TO FRAME PRIOR TO FIXING. ALL NEW WINDOWS/DOORS TO BE DOUBLE GLAZED AND BE FITTED WITH TRICKLE VENTS PROVIDING 8000mm2 VENTILATION. ALL NEW WINDOWS TO HABITABLE ROOMS TO HAVE OPENING EQUAL TO 1/20TH MIN. ROOM FLOOR AREA.
ALL WINDOWS TO INCORPORATE 'K' GLASS TO GIVE U-VALUE OF 1.6 W/m2K OR BETTER. NEW DOORS TO ACHIEVE U-VALUE OF 1.8W/m2K OR BETTER.

ROOF CONSTRUCTION:
47x150 C16 RAFTERS AT 600mm CRTS BIRDS MOUTHED ONTO 100x50mm WALL PLATE AT BASE AND WALL BEARER ABOVE. PROVIDE 10x5mm MS RESTRAIN STRAPS TO LOWER WALL PLATE LOWER PLATE AT 2.0m MAX. CRTS. WALL BEARER TO BE 75x225mm C16 TIMBER SECURLEY FIXED TO WALL WITH M12 BOLTS @ 600mm MAX. CRTS. APPROVED INTERLOCKING ROOF TILES ON 25X50 SW BATTENS FIXED IN ACORDANCE WITH MANUFACTURERS INSTRUCTIONS. RAFTERS TO HAVE MIN. 20mm VOID BETWEEN BREATHER MEMBRANE AND TOP OF INSULATION. 110mm KINGSPAN THERMAPITCH TP10 BETWEEN RAFTERS WITH KIIGSPAN KOOLTHERM K18 (12.5mm PLASTERBOARD 25mm INSULATION) INSULATED BOARD BELOW TO ACHIEVE U-VALUE OF 0.18w/m2K OR BETTER.
PROVIDE LATERAL

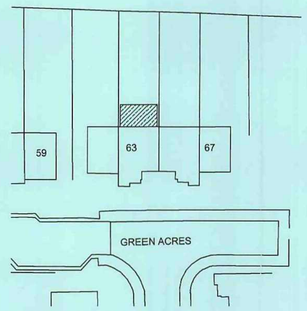
RAINWATER GOODS:
UPVC 114mm GUTTERS AND 68mm RAINWATER PIPES

ENERGY EFFICIENT LIGHTING:
EXTENSION TO CONSIST OF OUTLETS HAVING A LUMINOUS EFFICIENCY GREATER THAN 45 LUMENS PER CURRENT WATT.

CENTRAL HEATING:
All works to existing central heating system to be carried out by compitent person registered with an authorised GAS SAFE certification scheme.
All new radiators to have thermostatic control valves.
Pipework is to be insulated in floors, roof and within 1m of cylinder => 0.045 w/m k.

Electrical Installations:
Electrical installation to be in accorance with BS7671 2001 and undertaken by a competent person registered with an authorised electrical certification scheme.

BLOCK PLAN 1:1250



BLOCK PLAN 1:500

Rev:	Description:	Date:

11 AUG 11

Client:
MR. S JOHNSTONE

Drawing Title:
WORKING DRAWING

Job Title:
Proposed Single Story Rear Extension at
63 Green Acres
Penistone
Sheffield

Scale:	Date:
1:50	July '11

Drawing No:	Rev:
63GA/2011	–