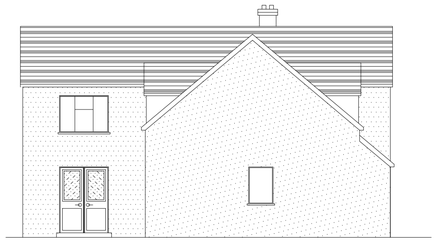
IF IN DOUBT - ASK



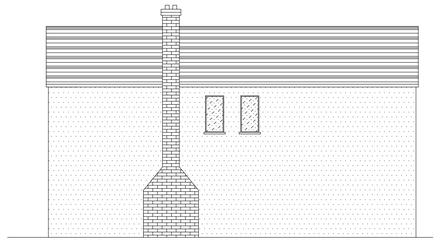
Proposed front elevation



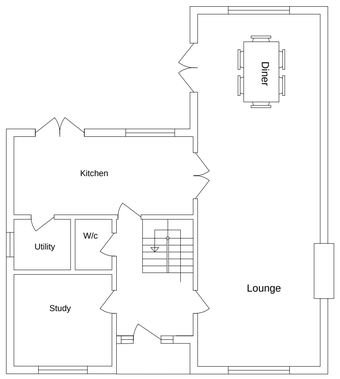
Proposed side elevation



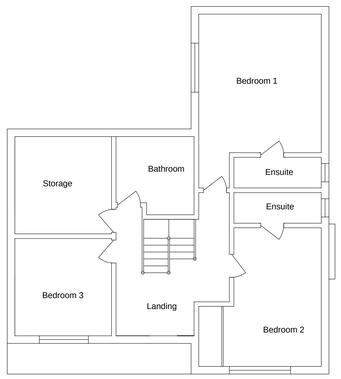
Proposed rear elevation



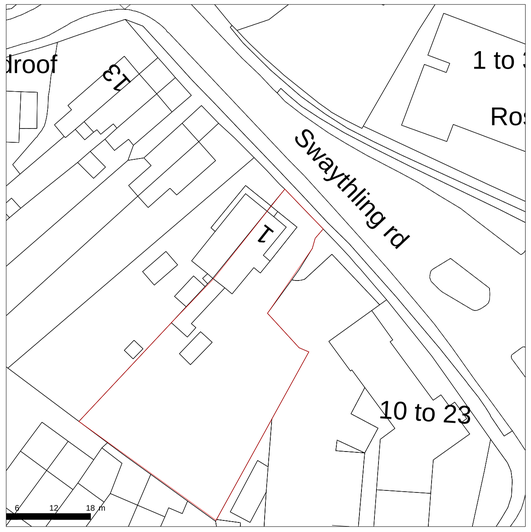
Proposed side elevation



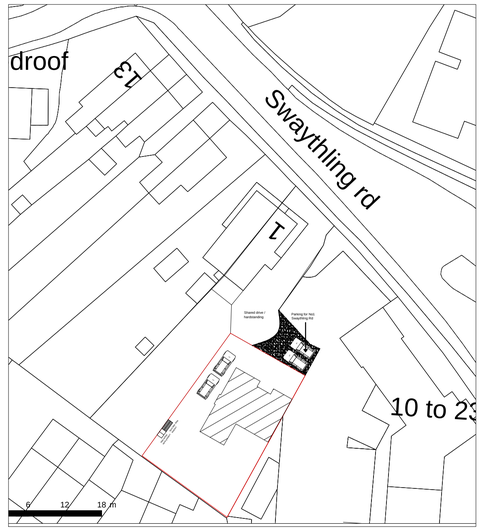
Proposed ground floor



Proposed first floor



Existing site plan @ 1:500



Proposed site plan @ 1:1250



SURFACE WATER DRAINAGE
100mm DIAMETER UPVC PROFILED GUTTERS WITH 75mm DIA RAINWATER PIPES FALLING TO EXISTING GULLIES. GUTTERS TO BE NEW UPVC TYPE.

VENTILATION
BACKGROUND VENTILATORS TO ALL WINDOWS TO BE MIN 8000SQ/mm. ROOF VOID VENTILATION TO BE EQUIVILENT TO A CONTINUOUS 25mm VENT @ EAVES AND 5mm RIDGE. RAPID VENTILATION TO ROOMS TO BE EQUAL TO 1/20th OF FLOOR AREA.

BRICKWORK
105 mm OUTER SKIN FACE AND MORTAR TO MATCH EXISTING 100mm CAVITY FULLY FILLED WITH FIBRE INSULATION. STAINLESS STEEL WALL TIES @ 450mm CTR'S, INNER SKIN 100mm TURBO INSULATING BLOCKS . CAVITY BARRIER TO BE PROVIDED AT UPPERMOST PART OF WALL CAVITY "BIRTLEY" CN7 LINTEL OVER NEW OPENINGS IN NEW CAVITY WALLS. VERTICAL AND HORIZONTAL DPC TO BE FITTED TO ALL NEW OPENINGS. NEW EXTERNAL WALL CONSTRUCTION IS TO ACHIEVE A U-VALUE NOT EXCEEDING 0.3w/M2K.

a. Cavity is less than 100mm the wall tie spacings must be 900mm horizontally and 450mm vertically.
b. Cavity is 100mm+ the wall tie spacings must be 750mm horizontally and 450mm vertically.
c. At jamb openings the wall ties must be within 225mm of the opening and not more than 300mm vertically.

ROOF
PROFILED CONCRETE TILES TO MATCH EXISTING OVER TREATED 38mm x 38mm SOFTWOOD BATTENS, UNDER IS LAID ROOFING FELT TO BS 747 PART 2 WITH SIDE AND HEAD LAPS OF 150mm WITH FELT DRESSED OVER FASCIA BOARDS TO FORM DRIP INTO GUTTER, TRUSS MADE UP OF RAFTER 150mm x 47mm SC3 @ 600mm CTR'S. STRUTS AND TIES 70mm x 35mm, CEILING JOISTS 150mm x 47mm (TRUSS AND HIP CONFIGERATION), CONNECTIONS AND ALL OTHER DETAILS AS EXISTING ROOF CONSTRUCTION. 100mm x 50mm SOFTWOOD WALL PLATE AND TIE TO BRICKWORK WITH GMS ANCHOR STRAPS @ 2m CTR'S. ROOF INSULATION THRO 300mm LOOSE LAY QUILT INSULATION.ALL ROOF TIMBERS TO BE TREATED WITH AN APPROVED TYPE OF PRESERVATIVE. PROVIDE REDLAND OR EQUIY RIDGE TILES WITH VENT SYSTEM & EAVES VENTILATION BELOW LAST COURSE OF TILES.

FIRST FLOOR
22mm T & G CHIPBOARD FLOORING OVER 225 x 49mm C16 JOISTS @400mm CTR'S, ON JOIST HANGERS. BETWEEN IS LAID RW2 100mm THICK INSULATION AS SHOWN. 12.7mm PLASTERBOARD, PROVIDE LATERAL RESTRAINTS TO WALL.

NOTE!!
ALL DIMENSIONS TO BE SITE CHECKED PRIOR TO COMMENCEMENT OF WORK.

NOTE!
ALL MAPS REPRODUCED UNDER LICENCE No 100047474.

NOTE
ALL MATERIALS USED ON THE PROPOSED STRUCTURE WILL BE IN KEEPING WITH THE ADJOINING AND SURROUNDING DWELLINGS.

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Date Nov 2014	**Approved by**
Drawn by Mark Tuson	**Scale - 1 : 100** **Plans and elevations**
Notes	
Client Mr and Mrs Langhorn	**Site** 1 Swaythling Rd West End Southampton Hants SO30 3AE

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REVISION:- A

DRAWING NO:- MT / Langhorn / 1