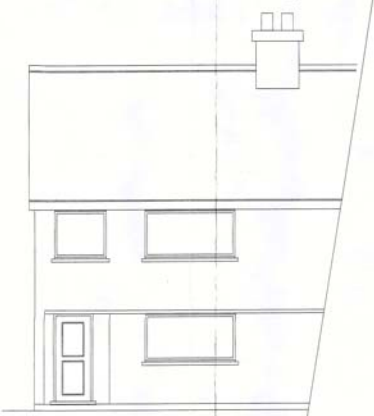




Existing Side Elevation

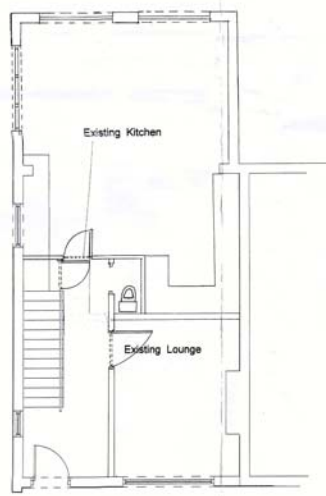


Existing Front Elevation

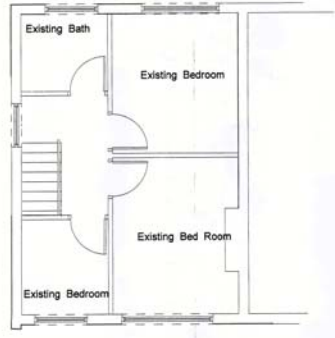


Existing Rear Elevation

21 APR 2017



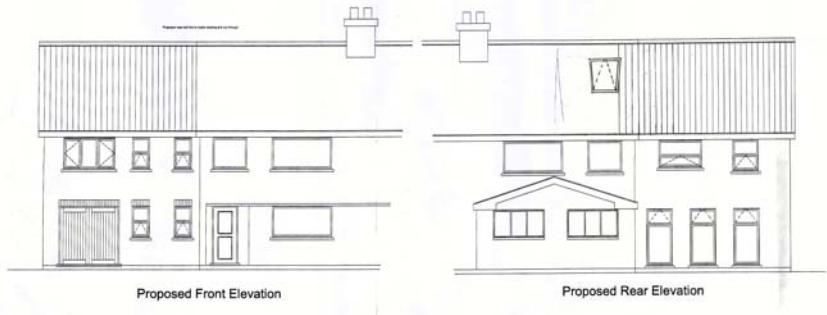
Existing Ground Floor



Existing First Floor

Title: Existing Floor Plans and Elevations	
Scale: 1:100 / 1:50	
Date: 20/12/14	
DRG No: 1a	
Drawn By: MTL	
<p>M^c & M^{es} N Clarke. 1 Staindrop View Chapeltown Sheffield South Yorks S352Y5</p>	
AI	

10 APR 2007

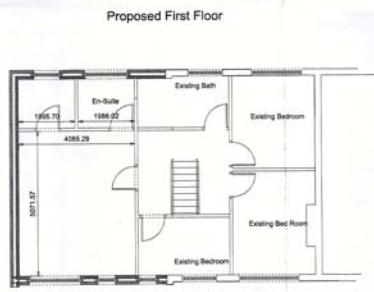


Proposed Front Elevation

Proposed Rear Elevation



Proposed Ground Floor



Proposed First Floor

Specifications:

Foundations: 400mm x 225mm concrete with foundations 2 No. layers of A20 mesh to top and bottom. Concrete to have min 450mm cover below ground level, any foundations within 1m of any drainage to be taken down to min. depth of lowest level. Foundations to be taken down to min. 1.0m depth.

Masonry above DPC: level 150mm facing bricks to outer leaf to match existing with 150mm Crown Dill frame Cavity Brick 24 or similar approved insulation to be continuous with existing 150mm insulation to be continuous with outer leaf (7N), with to achieve a U value of 0.27 W/m²K. This leaf to be Ancon ST1 to be fixed at 750mm horizontal c/c and at every brick course vertically staggered on each brick course. Walls to have DPC to vertical and horizontal DPC around all openings at heads, sills and joints. Min. U value to be 0.27 W/m²K. All cavities to be continuous. DPC level to be 150mm above ground level. External wall and floor insulation to be continuous eliminate cold bridging with 20mm thick polystyrene insulation board fixed against the edge of the concrete to eliminate cold bridge. Wall connected to existing using Ancon or similar approved wall starter system.

Ground Floor Construction: 85mm sand and cement screed on 150mm Celotex insulation set on 100mm concrete slab on 100mm grade flexcrete base with lap joints. 500 20mm DPM to be applied between insulation and concrete slab with 150mm covering, lap joints and turned up 150mm at the walls. Floor to achieve a U value of 0.20 W/m²K.

Internal Walls: 100mm x 450mm vertical studs fixed at 400mm centres. Fixed to 100mm x 50mm head and stud plate with noggins between, at min. 600mm centres. 12.5mm Gyproc plasterboard fixed to both sides. Fixed joints, edges, corners and apply plaster skim finish. Partitions to be securely fixed to ceiling and floor and void filled with 75mm Rockwool.

Lobby: All ext. and int. openings to be bridged with Celnic steel lines to manufacturers instructions with min. 150mm bearing at each end. All external bricks insulated to a U value of 0.2 W/m²K.

Roof: Concrete interlocking tiles to match existing. Fixed on 75mm x 20mm treated timber battens on 1 year roofing felt on trussed roof designed by roofing manufacturer who will provide calculations before installation. Trusses set on 150mm x 50mm wall plate fixed on internal brackwork with 1200mm long batt once trusses are in place. 150mm insulation roof with Kingspan Thermaflex breather underlay and Green Luff at 400mm insulation at ceiling level. 100mm insulation between joists and 200mm above joists to give U value 0.18 W/m²K. Roof to be sealed using Chlorobutyl or similar approved airtight ventilation to give equivalent of 20mm continuous strip at eaves level and 80mm continuous strip at ridge. Roof to achieve a U value of 0.18 W/m²K. Rafters to be strapped to joists with 30 x 5mm wrenn nails at 2.0m centres. 1200mm long.

Chimney: All new windows to have minimum U value of 1.8 W/m²K or better or a standard U value of 1.8 W/m²K. All set down to achieve a standard U value of 1.8 W/m²K. Standard UPVC frames with 150mm wide DPC to be fixed to frame prior to being set into concrete. Where drains pass through Ext. walls DPC must be used to bridge the joint.

Above Drainage: 32mm dia. waste to shower and wash basins with 75mm trap. 40mm dia. waste to sink and with 75mm trap. 100mm dia. waste to WC discharging into new 100mm S&VP.

Proposed Extension and Alterations to:

1 Stairdrop View
Sheffield
South Yorkshire
S327Y6

Title: Proposed Extension and Internal Alterations
 Scale: 1:50 (if 50)
 Date: 30/12/14
 CRD No: 24
 Drawn by: MTL