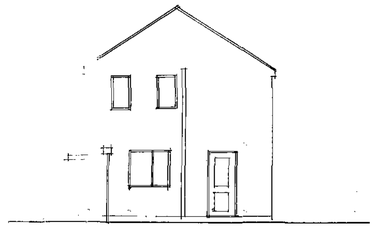


EXISTING



EXISTING SIDE



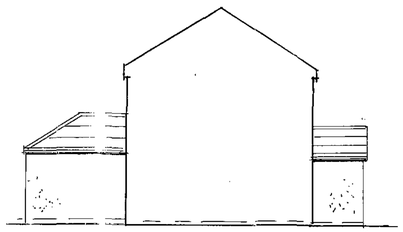
PROPOSED REAR



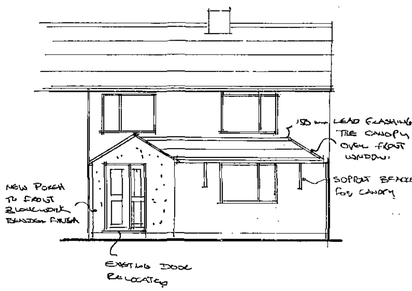
PROPOSED SIDE



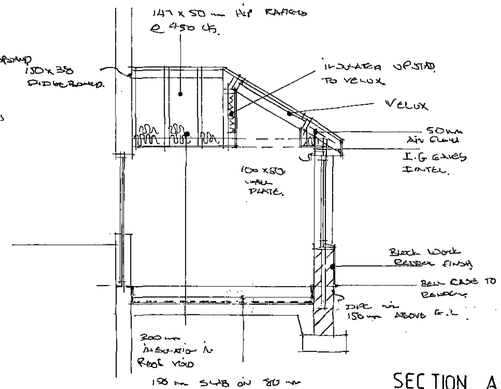
EXISTING FRONT



PROPOSED SIDE ELEVATON



PROPOSED FRONT



SECTION A-A

Orange room:
Foundation TO be in strip footings 600 x225 mm cavity walls and 450x200 mm to load bearing 100mm internal Walls,
foundation to min 750mm deep but in clay subsoil's This is to be 1000mm, walls below ground level to be 7 N/MM foundation blocks.

Roof: Concrete roof tiles on 50x25mm s.w tanalised On breathable roofing felt, on hip designed trusses, detail and calculation for hip roof trusses to be Supplied by builder to building control prior to Commencement on site or 147 x 50mm rafters at 450mm cts with 122x50mm ceiling joists @ 450mm ctTS with 200 x38mm hip rafters and 150x50mm ridge board. Final 3 trusses to be strapped to wall with mild steel straps at 1800 mm cts to ceiling joists. Noggins provided under Metal straps to prevent deflection. Ceiling under drawn with 12.5mm plasterboard 12mm external quality ply soffit or10mm PVC soffit boards & 25mm PVC fascia board, 100 x75mm wall plates Held down to wall at 600 cts with mild steel wall straps. Valley gutters formed with performed valley boards With code 5 lead valley lining .25mm min air gaps Continuous eaves vent fixed to so fits with insect mesh. Tray roof vent lay between rafters to trusses to give a 50 m Continuous airflow between insulation and trusses,

Ventilation: Windows to be no less than 1/10 of floor area and Opening to be 1/20 of floor area. Windows to have Trickle vent in window to give 8000mm² of ventilation. Eaves vents incorporated in so fits to give 25mm Continuous air gap. With insect mesh
Windows to be min clear opening of 450mm x760mm.
Windows to be double-glazed to match units with 16mm air gap & LOW E coating
All glazing below 800mm to be toughened safety glazing.
Provide mechanical extract fna to wc with manual operation .Fan to bathroom to be 15 litres/sec in wc

Walls: 225 x440 mm concrete block outer leaf,render finish to match existing , with 100mm Crown Dritherm (Knauf Insulation)cavity batts internal leaf13mm plasterboard and skim internal finish to achieve 0.30 w/mk Galvanized wall ties at 450mm vertical Cts, 750mm horizontal cts and at every block course to Reveals. DPC to all walls min 150mm above adjacent Ground level. and. Walls below Ground level to be foundation blocks and cavity in filled with a weak concrete mix.

Insulation: Roof voids to have 300m rock wool insulation over ceiling joists to achieve 0.16w/m²k
External wall 100mm insulation to 0.30w/m²k as wall Specific at SAP energy rating to be over 60.

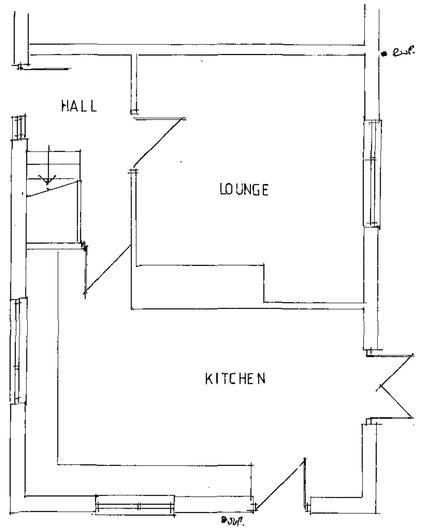
Floor: 150mm concrete slab on 80mm TP10 kingspan insulation ,with 25mm ITP10 kingspan to edge of slab to external cavity walls to achieve 0.22 w/m²k, on Rabon barrier dpm turn up sides of slab to over lap dpc in wall ,on sand blinded hardcore

Drainage: 40mm dia wastes to bath, sink and showers.32mm dia wastes to wbs. All runs aparate with 75mm deep resealing traps.
No connection to svp within 200mm above or below. 100mm dia svp, taken up 900mmabove highest opening and capped with Vermin proof cage. Where svp goes through roof Void this is to be taken to a proprietary ridge vent.
In accordance to manufactures instruction.
Where wastes connect to b.i.g to discharge below gully
Grate but above water level. Underground drainage in 100mm dia flexible joint System, unless otherwise on plan laid at 1 in 40 on and Surrounded in pea gravel. Where drains pass through walls to be lintal lad over with 50cm clearance.100mm dia PVC gutters laid to fall 1 in 40 with 75mm tail pipes to discharge to gully. Foul to be connected to existing drains. Surface water to discharge to existing drain and soak away .Soakaway to be 1m³capacity and 5 meters away from extension.

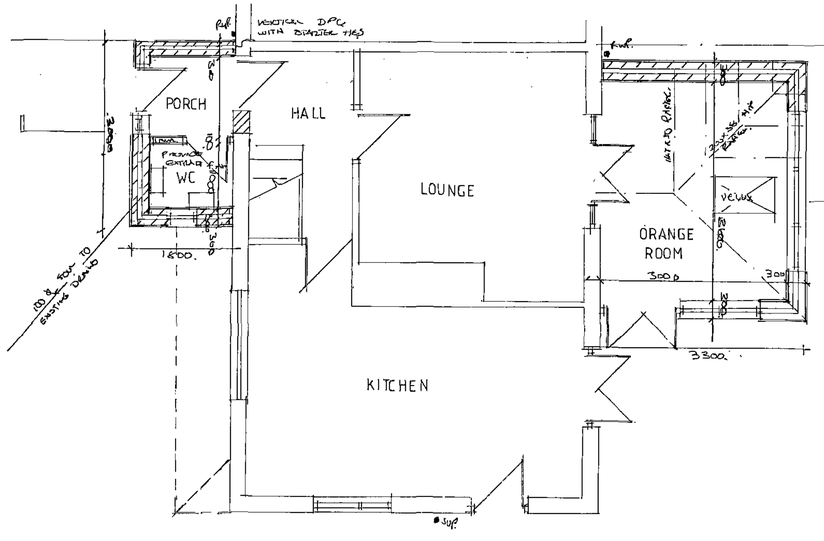
Electrical: All work to be carried out by a competent person who is registered under the competent Self Certification Scheme, Part P OF Building Regulation. A competency person is a fully qualified electrician, ability to check circuit for safety and issue a minor works Certificate eg Self Certified "Competent Person" upon completion of the work carried out.
All electrical works to comply with current I.E.E Regulations, all fittings to be earthed to this requirement. Electric sockets/switch to be max 1200mm/min1450@ Ground floor

Lintels: lintels by LG external walls to have L1/E 100 EAVES Lintels, to be of standard Manufacture, correct depth in relation to span and loading.
Lintels to cavity wall external Openings to have tray dpc over and stop ends and weep holes at either side of lintel.

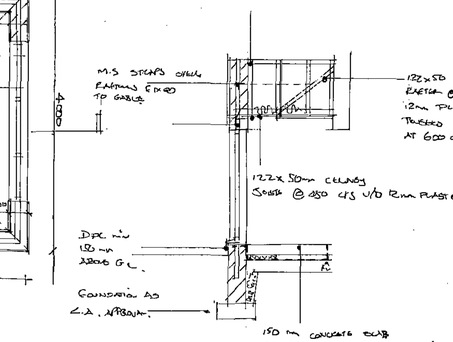
PORCH:
Foundation TO be in strip footings 600 x225 mm cavity walls and 400x200 mm to load bearing 100mm internal Walls,
foundation to min 750mm deep but in clay subsoil's This is to be 1000mm, walls below ground level to be 7 N/MM foundation blocks.



EXISTING GROUND FLOOR PLAN



PROPOSED GROUND FLOOR PLAN



SECTION B-B

Project: PROPOSED EXTENSION TO REAR AND FRONT OF NO 16 DEARNE ROAD BOLTON UP ON DEARNE ROTHERHAM	
Title: EXISTING & PROPOSED PLANS	
Date: MAR 10	Scale : 1:100 , 1:50
Drawn by	Drawing no: 01 rev

Notes:
Copyright exists on the design and information shown on this drawing
Do not scale off this drawing
All dimension to be checked on site
and any discrepancies verified prior to commencement on site
All work to on site to be carried out in a professional workmanlike manner, in accordance with building regulation
,British Standards and relevant codes of Practice
Materials used are to be the best of their respective kind and fit for purpose .All materials to be used and fixed strictly in accordance with manufactures recommendations

Roof: Concrete roof tiles on 50x25mm s.w tanalised On breathable roofing felt, on 122x 50mm rafters at 450mm cts with 122x50mm ceiling joists @ 450mm cTS . Final 3 trusses to be strapped to wall with mild steel straps at 1800 mm cts to ceiling joists. Noggins provided under Metal straps to prevent deflection. Ceiling under drawn with 12.5mm plasterboard 12mm external quality ply soffit or10mm PVC soffit boards & 25mm PVC fascia board, 100 x75mm wall plates Held down to wall at 600 cts with mild steel wall straps. Valley gutters formed with performed valley boards With code 6 lead valley lining .25mm min air gaps Continuous eaves vent fixed to so fits with insect mesh. Tray roof vent lay between rafters to trusses to give a 50 m Continuous airflow between insulation and trusses,

Insulation: Roof voids to have 300m rock wool insulation over ceiling joists to achieve 0.16w/m²k External wall 100mm insulation to 0.30w/m²k as wall Specific at SAP energy rating to be over 60.

Floor: 150mm concrete slab on 80mm TP10 kingspan insulation ,with 25mm ITP10 kingspan to edge of slab to external cavity walls to achieve 0.22 w/m²k, on Rabon barrier dpm turn up sides of slab to over lap dpc in wall ,on sand blinded hardcore

Internal wall: 75x50mm vertical studs@ 450 cts and 75x50mm horizontal studs at 800mmCts fixed to ceiling joists and floor with 12.5mm. Plasterboard and skim to both sides.65mm insulation between stud partition as sound insulation to all with 12.5 plasterboard & skim finish.

Canopy: 122 x50mm rafter @450mm cts with 122 x 50mm ceiling joist With 12mm plywood to sides of rafters to from trusses. Trusses to be fixed to 100 x 75mmWall beams ,fixed to wall with rawl bolts @800mm cts. Under side of canopy to be In white upvc cladding

Walls: 225 x440 mm concrete block outer leaf,render finish to match existing , with 100mm Crown Dritherm (Knauf Insulation)cavity batts internal leaf13mm plasterboard and skim internal finish to achieve 0.30 w/mk Galvanized wall ties at 450mm vertical Cts, 750mm horizontal cts and at every block course to Reveals. DPC to all walls min 150mm above adjacent Ground level. and. Walls below Ground level to be foundation blocks and cavity in filled with a weak concrete mix.

RECEIVED
2 8 APR
CORPORATE MAIL ROOM