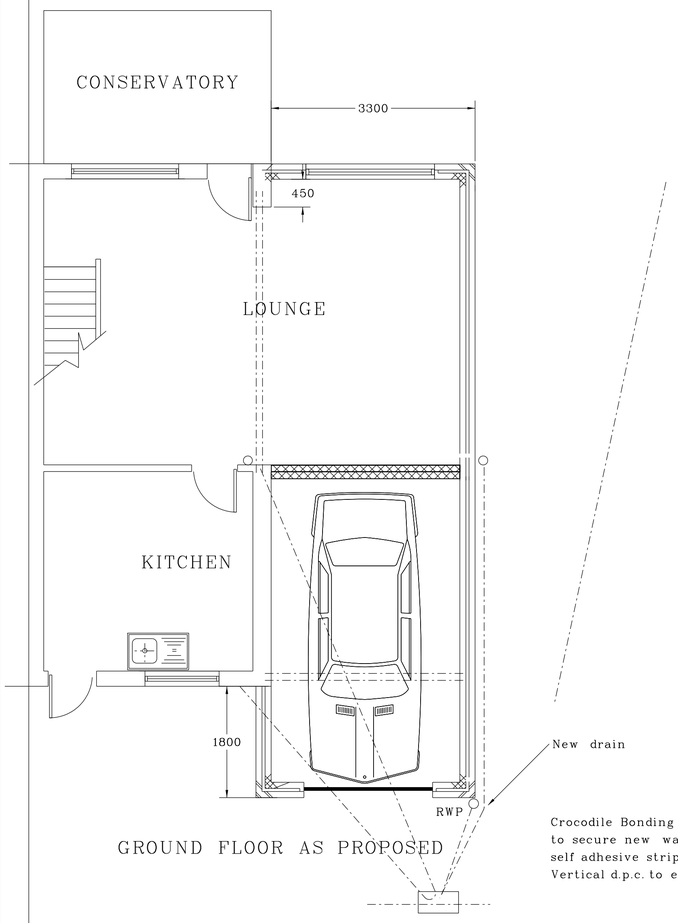
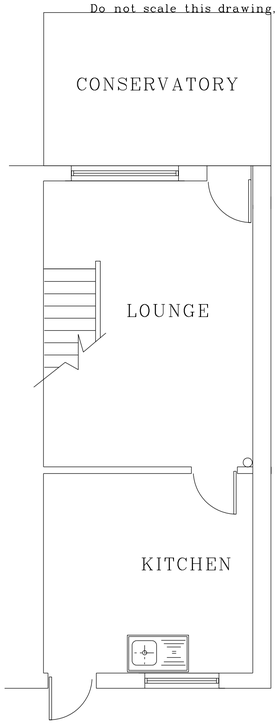
Do not scale this drawing, verify all dimensions on site.



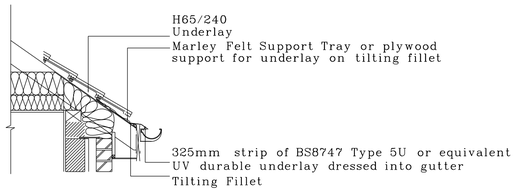
GROUND FLOOR AS PROPOSED

Crocodile Bonding connectors to be used
to secure new walls to existing . Pre-compressed
self adhesive strips to external walls.
Vertical d.p.c. to existing wall.

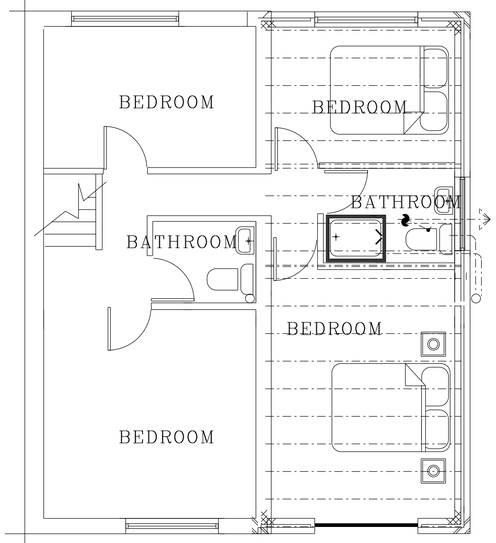


GROUND FLOOR AS EXISTING

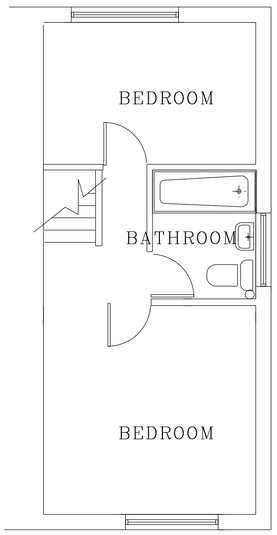
250mm.insulation to
roof space IN 2 layers,
100mm between joists
and 150mm across joists



EAVES DETAIL
1:20



FIRST FLOOR AS PROPOSED



FIRST FLOOR AS EXISTING

Plans Drawn Tel: Rotherham 829298

STRUCTURAL STABILITY

Cavity walls to consist of lightweight plaster,100mm.Plasmor fibolite blockwork,75mm.Dritherm cavity insulation,external bwk.to match existing.
Use Thermalite Hi-Strength 7 blocks below D.P.C. level or conc.commons.
Mortar below D.P.C.to be 1 part Portland cement,
4parts sand.
Mortar above D.P.C.to be 1 part Portland cement,
1part lime,6parts sand.
Cavity wall ties to be stainless steel fixed at 900mm.ctrs.horizontally, 450mm.ctrs.vertically.
Tie every course at reveals.
Cavity fill to G.L.using weak conc.mix.
Conc, foundations to be 600x200mm.thick and taken down Min.600mm. and to the satisfaction of the Building Inspector.
All conc. to be Grade C15P to B.S.5328
Strap wall plate to walls at 2m.ctrs.
Where joists run parellel to wall strap joists to wall at 2m.ctrs.
Strap rafters to wall at 2m.ctrs.
Provide timber noggins between members at least 38mm.wide x half depth of joist.
Straps to be Galv.M.S.,30x5mm.section.
All structural timber to be pressure tanalised.
I.G.lintels over openings with 150mm.bearing.
Unless stated otherwise use SC3 grade timber throughout.

MOISTURE EXCLUSION

D.P.C,s and weather checks to head,cills and jambs of all external openings.
D.P.C,s to have min.laps of 150mm.and be a min.of 105mm.above G.L.
Lap new and existing D.P.C.,s.
All cavities to be closed.
Provide open vertical perpends at 900mm.ctrs.at tray D.P.C.,s.
New and existing cavities to be continuous
Use Thermabate or similar at reveals.

VENTILATION

Provide trickle ventilation equal to 8,000mm2.to all habital rooms.
Windows to have opening lights equal to 1/20th of the floor area,part of which must be 1750mm.above floor level.

Provide mechanical ventilation to Bathroom capable of extracting 15l/sec.
Connect fan to light switch and provide 15min.overrun after light is switched off.

DRAINAGE AND WASTE DISPOSAL

New drains to be 100mm diam.rigid pipes.Provide granular fill to a level of half the outside diam.of the pipe and with 100mm.bed.
Granular fill to B.S.882, fill above pipe to be free from stones over 40mm. and lumps of caly over 100mm.
Fexible joints to pipes.
Drains laid to fall 1:40.
40mm.diam.waste to sink with 75mm.trap.Slope 18-90mm/m.
Min.40mm.diam.waste to bath with 75mm.trap.Slope 18-90mm/m.
Min.75mm.diam.waste to W.C with 50mm.trap.Slope 18mm/m.
Min.32mm.diam. to shower with 75mm.trap.Slope 18-90mm/m.
No opposed connection within 200mm. of W.C.
Plastic traps to B.S.3943, plastic pipes to B.S.5255
Rigid pipes to B.S.65

GENERAL

Stud partitions to be of 75x50 SW frame with 12mm plasterboard and skim both sides and fibre glass in voids.

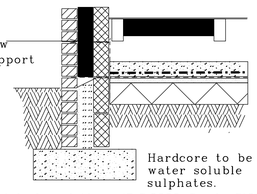
Safety glass to be used if cill height is less than 800mm. abve F.F.L.and to comply with BS 6206.
Safety glass to be used in doors and windows within 300mm of any door.
Existin heating to be extended.
Glazing to achieve a U Value of 2.0. i.e.16mm. gap between panes with Argon filling and low "e" coating on inside.

19mm.chipboard to B..5669 on slip sheet on 100mm Polyfoam XPS,or similar approved insulation on vapour check
on 150mm.thick concrete (B.S.5328 GradeC15P) with A252 mesh to btm face
on 1200 gauge D.P.M.on 12mm.sand bed
on 150mm.thick hardcore.

Vertical perpends open at 900mm.ctrs.

NOTE
Wall insulation to be continued 150mm below top of floor insulation. Support on wall ties.

19mm.chipboard to B..5669 on 150x 50 floor joists at 400 ctrs with 120mm Celotex FR5000 insulation.



700x200 thick foundations (B.S.5328 Grade C15P.) taken down a min. of 900mm. and to the satisfaction of the Building Inspector.

FOUNDATION/
FLOOR DETAIL
1:20 (Through timber.floor)

Drawing Title

Proposed two storey extension to No 20 Stonegarth, Cudworth

Scale 1:50	Drawn
Date	Checked

Drawing Number
2of2