

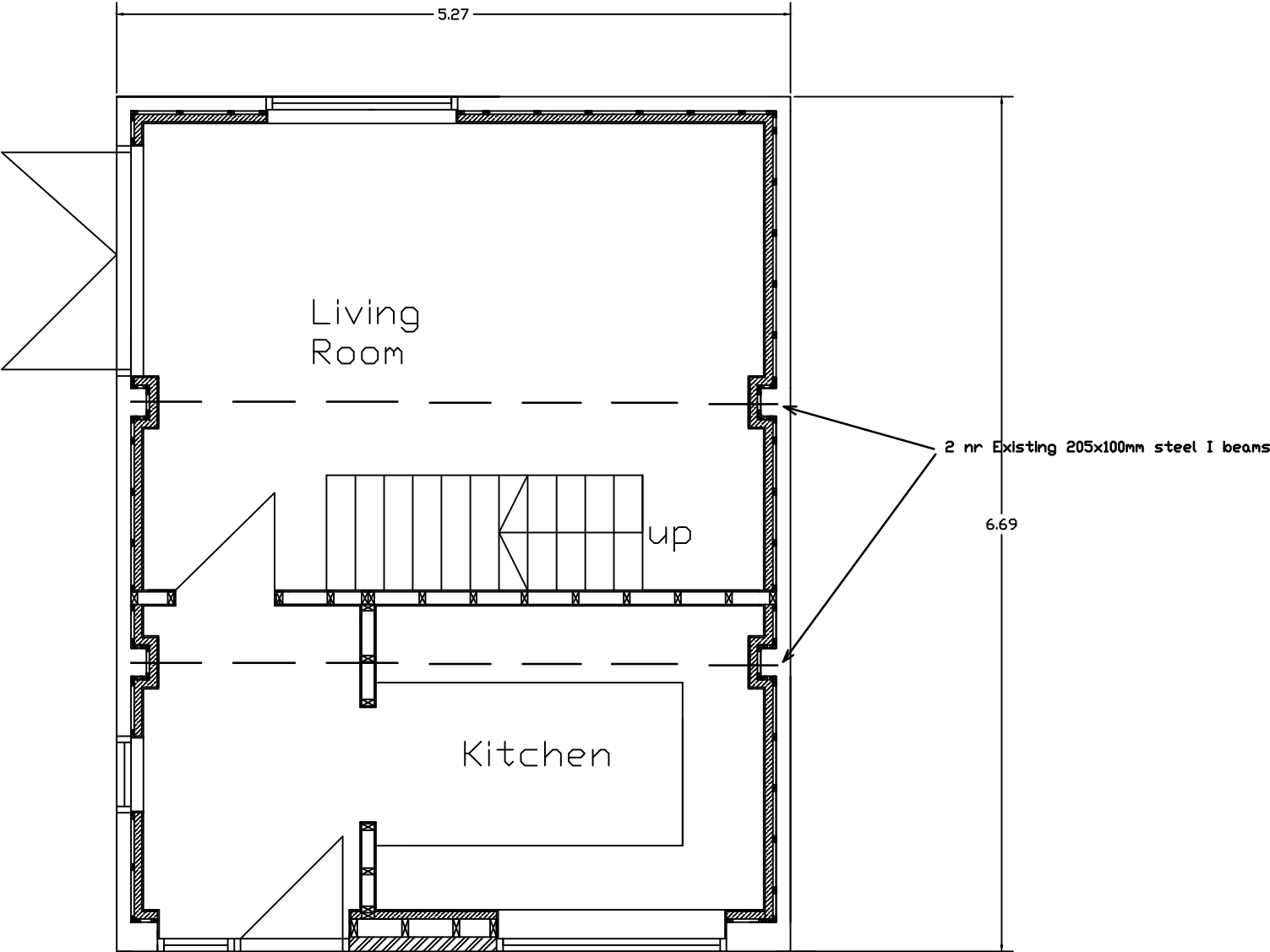
GROUND FLOOR - to achieve 0.25 U Value
Cover existing reinforced concrete slab with 3 coat
Synthaprufe liquid DPM and continue up the internal brickwork
wall face to at least DPC level. Lay separation layer, if
required, then minimum 75mm thick rigid board insulation e.g.
Celotex GA4080 or similar. Cover insulation boards with 1000g
polythene DPM with glued 22mm T&G moisture resistant chipboard
flooring panels over.

EXTERNAL WALLS GF - to achieve 0.30 U Value
Fix treated 47x25mm softwood battens at maximum 400mm
centres to existing single skin brick walling. Coat wall side of
batten with Liquid DPM or use fibre board separation layer. Fix
thermal insulated plasterboard layer to battens e.g. Celotex
PL4000 with 60mm insulation and 12.5mm tapered plasterboard.
Tape, fill and set all joints.

EXTERNAL WALLS FF - to achieve 0.30 U Value
Tile hung with plain concrete Redland tiles to match existing, on
38x25mm treated softwood tiling battens, on Tyvek or similar
breathable membrane, on 12mm external plywood or OSB sheathing
fixed to 47x100mm treated softwood framing members at 400mm
vertical centres, with head and sole plates and intermediate
struts as necessary. Fill cavity between framing members with 100mm
thick fibreglass insulation roll. Fix 47x25mm treated softwood
battens at 400mm centres then Celotex PL4000, or similar, insulated
plasterboard layer, 60mm insulation and 12.5mm tapered
plasterboard. Tape, fill and set all joints in plasterboard.

INTERNAL STUDWORK WALLS
Build new studwork walls with 47x100mm treated softwood head and
sole plates and vertical studs with intermediate rails at maximum
400mm centres. Fill cavity between framing members with glass or
mineral wool insulation and fix 12.5mm plasterboard layer to inner
and outer faces. Tape, fill and set all plasterboard joints.

WINDOWS AND DOORS- to achieve 2.0 U Value
Fit FENSA approved PVCu windows and doors to compliment those
fitted to the main House. Sealed double glazed units incorporating a
16mm air gap and inner pane of low-E type glass. Openable
ventilation area to be equivalent to 1/10th total floor area. Trickle
ventilation to provide background ventilation of 8000mm² for any
habitable room and 4000mm² for any other room. All internal doors
to be ½ hour fire rated construction



PROPOSED GROUND FLOOR GARAGE PLAN (MAIN HOUSE UNCHANGED)



Scale

General Notes

No.	Revision/Issue	Date

Title

Proposed Ground Floor
Garage Plan

Project Name and Address

Convert detached
garage into Granny
Annexe
7 Treeside Way,
Waterlooville,
Hampshire, PO7 7JU

Project	Sheet
Date March 2015	1810/02 P
Scale 1:50 @ A3	