

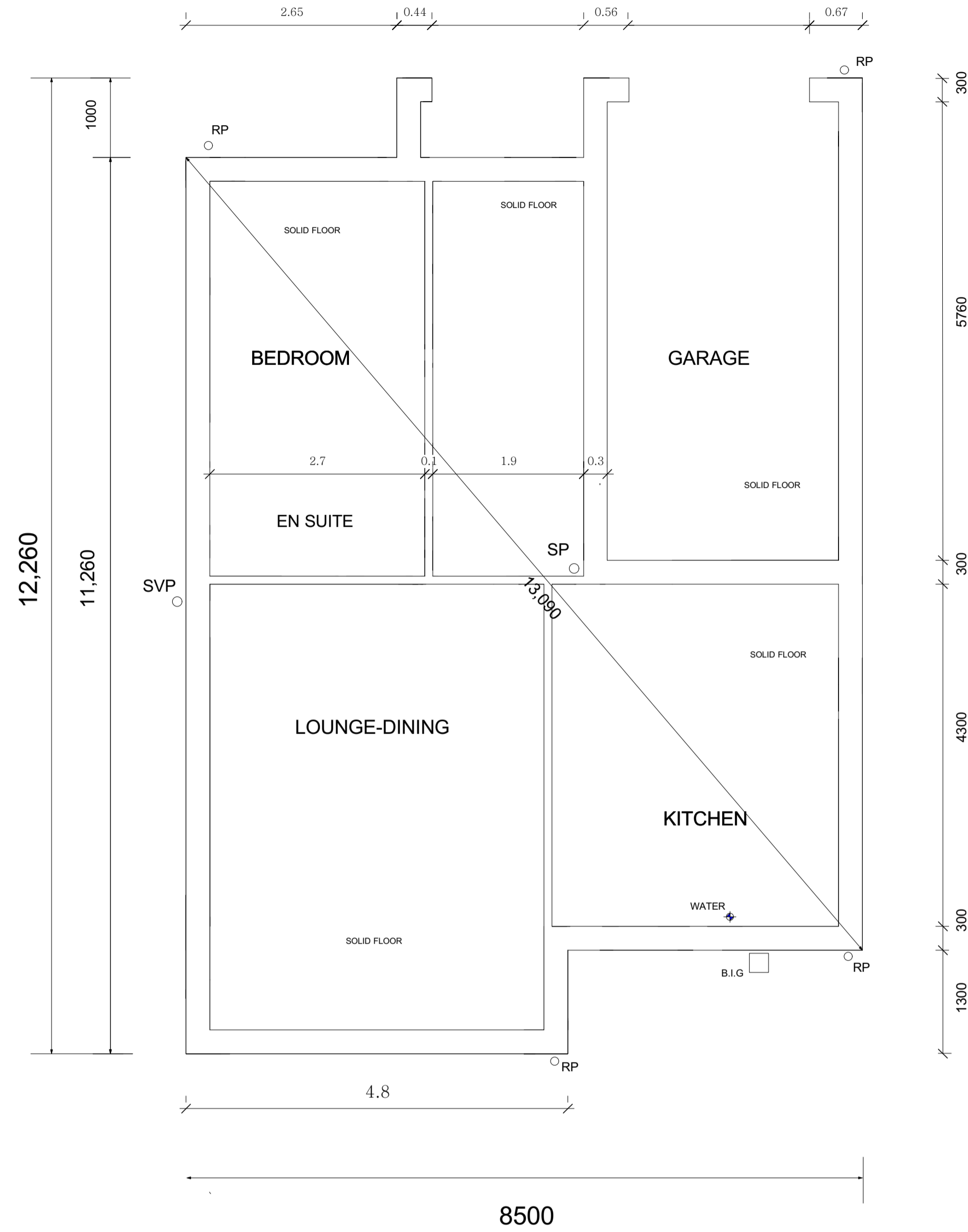
Note 7: SOLID FLOOR CONSTRUCTION. (GARAGE)

Prepare the ground to an even surface with 150mm thick bed of hardcore stone or clean broken brick or similar inert material, free from fine material and water-soluble sulphates. Hardcore to be consolidated and finished with 40mm quarry dust blinding to form an even surface

Where depth of fill exceeds 600mm a reinforced concrete slab to be used to Engineers detail and specification.

1200G DPM installed to manufacturer's details and instructions.

150mm concrete slab that finish. Damp-proof courses shall be a continuous layer of at least 300um (1200 gauge) polyethylene sheet, to BS 6515:1984 or BS 743:1970. DPM sealed to the DPC in wall and other abutting elements.



SUB STRUCTURE/DRAINAGE PLAN

Note 1: DIMENSIONS/ LEVELS.

All dimensions and levels to be checked by contractor prior to work commencing on site. All dimensions in millimetres, do not scale this drawing if in doubt contact Architects. Any dimensional or level errors to be reported to the Architect before the work begins. This drawing to be read in conjunction with the Specification, Architects drawings The Client or Contractor shall not permit any changes to this drawing without notification to the Architects, Building Control or Planning Service.

Note 2: MATERIALS & WORKMANSHIP

All materials and workmanship to be in strict accordance with BS 5617(1978), Code of Practice and Specification, and relevant current Building Regulations to the satisfaction of the local Building Control Inspector. Main contractor to complete all notices required under Building Control Regulations for inspections as work proceeds.

Work to be figured dimensioned and all dimensions to be checked on site prior to the ordering or manufacturing of any item. All materials to be installed in accordance with manufacturers written instructions and recommendations.

Note 3: FOUNDATIONS

Foundation trenches to be excavated to a suitable depth i.e. firm bearing strata and approved by Building Control Department, Foundations to be given a min. ground cover against frost attack of 600mm. Minimum 900mm depth in clay. Foundations to be situated centrally under the wall. In stepped foundations length of overlap to be equal to twice the height of the step, thickness of the foundation or 300mm, whichever is greater. External wall footings to be cavity construction with concrete fill to 225mm below DPC.

The following sizes are for normal ground conditions, non excessive loading and up to two storey, using concrete C20 or NHBC mix no. 2 strip foundations:

100mm wall- 450x200mm

215mm wall-600x200mm

300mm wall-600x200mm

340mm wall- 700x200mm

These foundations have been designed to be adequate if bearing on a sub- soil type 4 as defined in current building Regulations.

If a sub -soil of this type is not found at normal levels, alternative foundation design based on soil investigation report is to be submitted.

For abnormal ground conditions contact local Building Control Inspector and Architect for advice.

For **excessive loading conditions** refer to engineers drawings and specifications if provided.

All foundations to be taken down to suitable depth within close proximity of trees and below invert of any drain.

Check soil report for special requirements Ex. Precautions necessary for sulphates in soil

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Where depth of fill exceeds 600mm a reinforced concrete slab to be used to Engineers detail and specification.

Visqueen Radon Membrane, Zedex CPT DPC and Zedex Cavity Tray DPC.

Use D/Sided jointing tape and GR Lap Tap. System to be installed to manufacturer's details and instructions.

(Provide Radon sub floor depressurisation pipe where outlined in Planning Conditions)

Insulation: 150mm Kingspan Kooltherm K3 (Miniumum) Phenolic Foam Board or as approved by Energy Consultant's SAP Calculation.

Perimeter insulation nominal 15mm -30mm Thickness to achieve 0.75m2KW

150mm concrete slab (or thicker as detailed by the Structural Engineer), power float finish. Damp-proof courses shall be a continuous layer of at least 300um (1200 gauge) polyethylene sheet, to BS 6515:1984 or BS 743:1970. DPM sealed to the DPC in wall and other abutting elements.

As necessary a self-levelling compound to be poured on screed. Floor finish as specified.

Apply continuous ribbon of adhesive to perimeter of wall. Apply expanding foam tape under skirting and continuous bead of sealant to back of skirting prior to fixing to reduce air leakage.

NOTES

No dimensions to be scaled from this drawing which is the property of the company. It is not to be used or disclosed in any way except as authorised by the company. The client is responsible for providing architect with correct site boundary/ownership definitions and any covenants or easements relating to the site. Architect will assume site boundaries as clearly defined, unless otherwise informed by client. No work to be carried out without planning permission, until all pre start planning conditions have been discharged and until a building regulations application has been submitted. Any work carried out before building regulations approval has been granted will be strictly at clients own risk. Any building works within 6m of a neighbouring home's foundations may require you to notify the owner of that property of your intentions at least one month before you start work. Work to an existing party wall requires you to give at least two months notice of your intentions. If consent to carry out work cannot be reached procedures dealing with an dispute should be followed (the party wall act 1996).

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES ON THE DRAWING PRIOR TO CONSTRUCTION
ALL DIMENSIONS TO BE CHECKED ON SITE
IF IN DOUBT ASK!

revisions
A 24/5/16

title: PLOT 4 (SETTING OUT & DRAINAGE)

project: DEMOLITION OF BUILDERS YARD
TWO STOREY RESIDENTIAL DEVELOPMENT
for I.Allen. L. Atkin
scale 1:50 at A1
drawing no BR17A

PLOT 4