

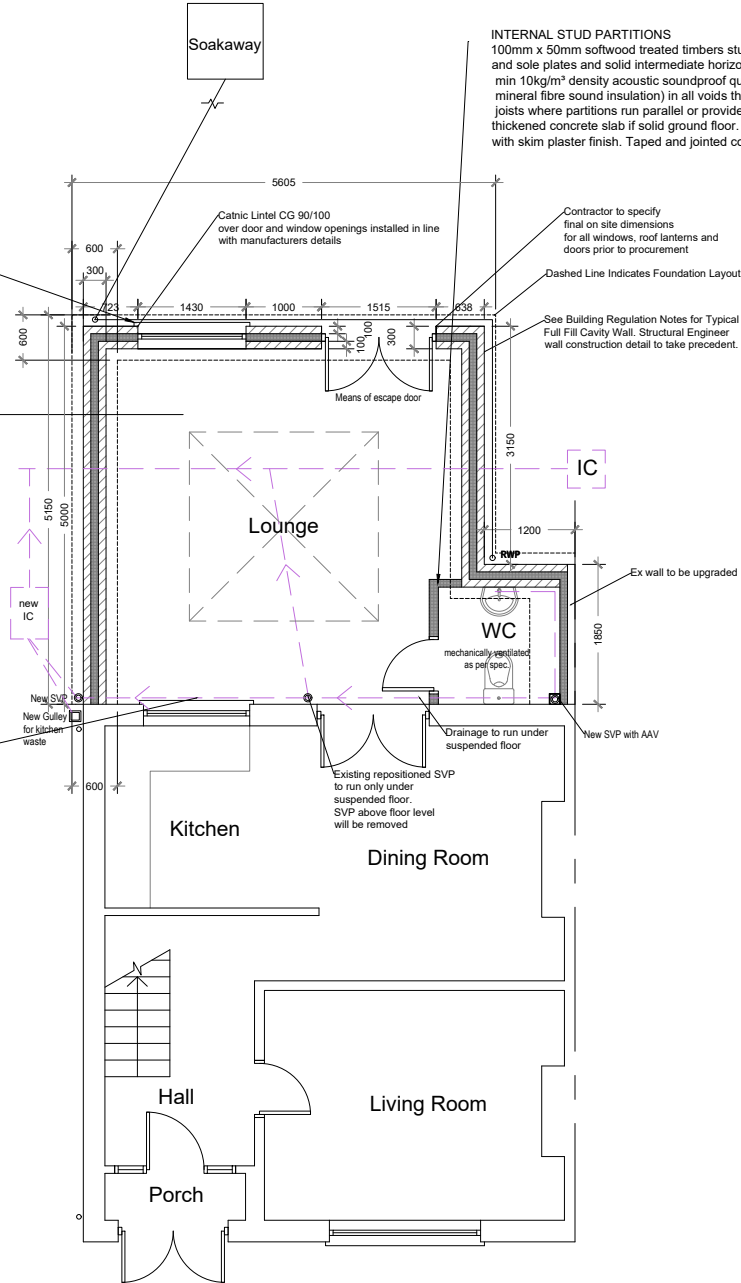
PROPOSED

RAINWATER DRAINAGE
New rainwater goods to be new 110mm UPVC half round gutters taken and connected into 68mm dia UPVC downpipes. Rainwater taken to new soakaway, situated a min distance of 5.0m away from any building, via 110mm dia UPVC pipes surrounded in 150mm granular fill.

SOAKAWAY USING CRATES
Trench of soakaway to be provided slightly larger than designed depth after porosity test (if required) but just over 1m3 min from invert level of pipe. Provide suitable geotextile over the base and up the sides of the trench over 100mm level and compact bed of coarse sand. Install AquaCell crate units or equivalent as manufacturer's details. Geotextile to be wrapped around crates. Provide 100mm of coarse sand between the trench walls and over the AquaCell structure. Backfill with suitable material.

INTERNAL STUD PARTITIONS
100mm x 50mm softwood treated timbers studs at 400mm ctrs with 50 x 100mm head and sole plates and solid intermediate horizontal noggins at 1/3 height or 450mm. Provide min 10kg/m² density acoustic soundproof quilt tightly packed (eg. 100mm Rockwool or Isowool mineral fibre sound insulation) in all voids the full depth of the stud. Partitions built off doubled up joists where partitions run parallel or provide noggins where at right angles, or built off DPC on thickened concrete slab if solid ground floor. Walls faced throughout with 12.5mm plaster board with skim plaster finish. Taped and jointed complete with beads and stops.

CAVITIES
Provide cavity trays over openings. All cavities to be closed at eaves and around openings using Thermabate or similar non combustible insulated cavity closers. Provide vertical DPCs around openings and abutments. All cavity trays must have 150mm upstands and suitable cavity weep holes (min 2) at max 900mm centres.



TIMBER SUSPENDED FLOOR

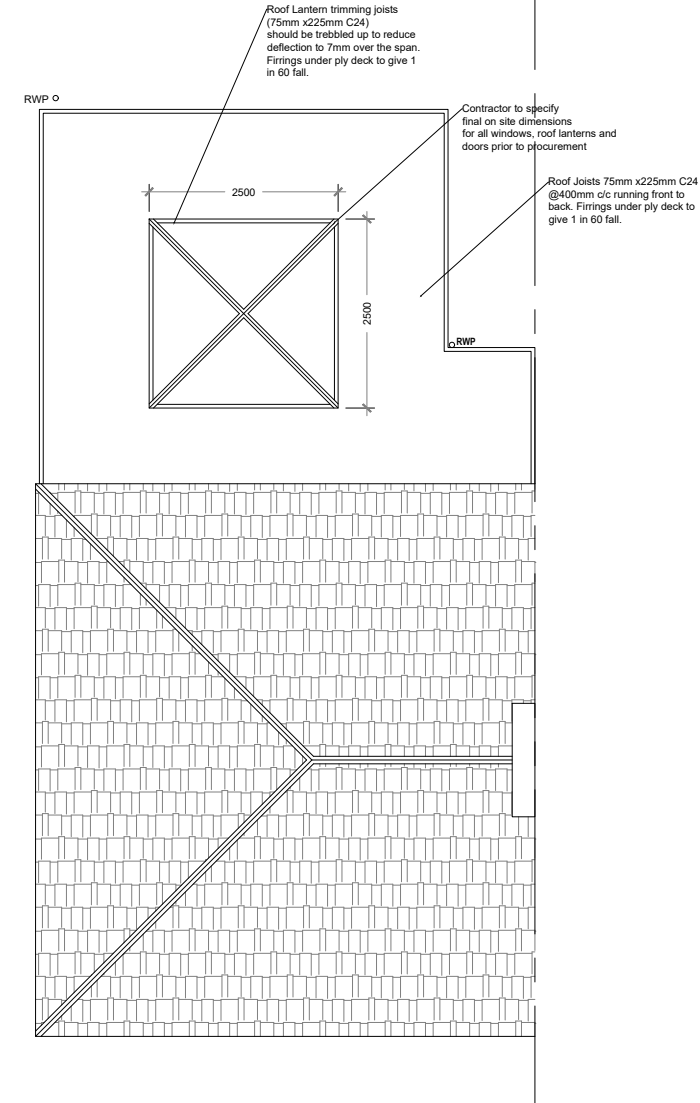
Ground preparation - Remove top soil and vegetation, apply total weed killer and 150mm min thick sand blanded hardcore, then either -
(i) Provide concrete ground cover of at least 100mm thick or
(ii) Prepare the ground to an even surface and lay a ground cover of concrete at least 50mm thick, on a damp-proof membrane of at least 1200 gauge polyethylene, laid on a bed of fine blinding material.
Floor construction - min 20mm tongue and groove softwood boards or moisture resistant particle/chipboard grade type C4 to BS EN 312:2010 as required. Lay with staggered joints on 47mm x 220mm C24 grade soft wood joists at maximum 400mm centres max span 4.83m. Joists to be supported off proprietary galvanized joist hangers built into new masonry walls or fixed to treated timber wall plates resin bolted to walls at 600mm centres. If required, floor joists also to be supported on 100mm x 50mm treated wall plates and DPC fixed to masonry honeycombed sleeper walls built on thickened oversite concrete. Joists to be filled with 110mm Celotex XR4000 fixed with Celotex clips.
The top surface of the ground cover under the building shall be above the finished level of the adjoining ground. The underside of the floor joists are not to be less than 150mm above the top of the ground cover. The underside of any wall plate is to be not less than 75mm above the top of the ground cover.

Ventilation of Floor
Provide cross-ventilation under floor to outside air by ventilators in at least 2 opposite external walls of the building. Ventilation openings having an opening area of 1500mm² per metre run of perimeter wall or 500mm² per square metre of floor area whichever gives the greater opening area. All sleeper walls or similar under floor obstructions shall be of honeycombed construction or have similar provision for distribution of ventilation. The under floor space shall be free from debris. Ducts to be sealed using gas proof tap if they pass through the radon barrier

High level drainage route from upstairs bathroom to run to new SVP on side of the building

New SVP for kitchen waste
New SVP with AAV
Existing repositioned SVP to run only under suspended floor. SVP above floor level will be removed
Drainage to run under suspended floor

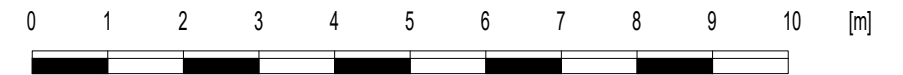
Ground Floor



Roof

Symbol Key:

- Boundary line
- - - Waste drainage layout
- - - Details above



The contractor should carry out his/her own survey before starting works on site

Revision notes:		
Rev:	Date:	Notes:
001		The Contractor must carry out His/Her own measured survey prior to works commencing on site to verify site dimensions and to report any discrepancies to the Designer. Contractor to refer to Building Control Notes. Contractor is responsible for final on site design using on site dimensions. Contractor responsible for on site drainage layout/runs - to be agreed by Building Control prior to Construction starting on site. All Details to be approved by Building Control prior to construction starting on site.

Drawn by: FD	Project: 10 Gunn Road, Swanscombe, Kent, DA10
Client:	Drawing Title: PROPOSED PLANS

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Scale @ A3: 1:100	Rev: B
Issue: BUILDING CONTROL	Page: D04



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