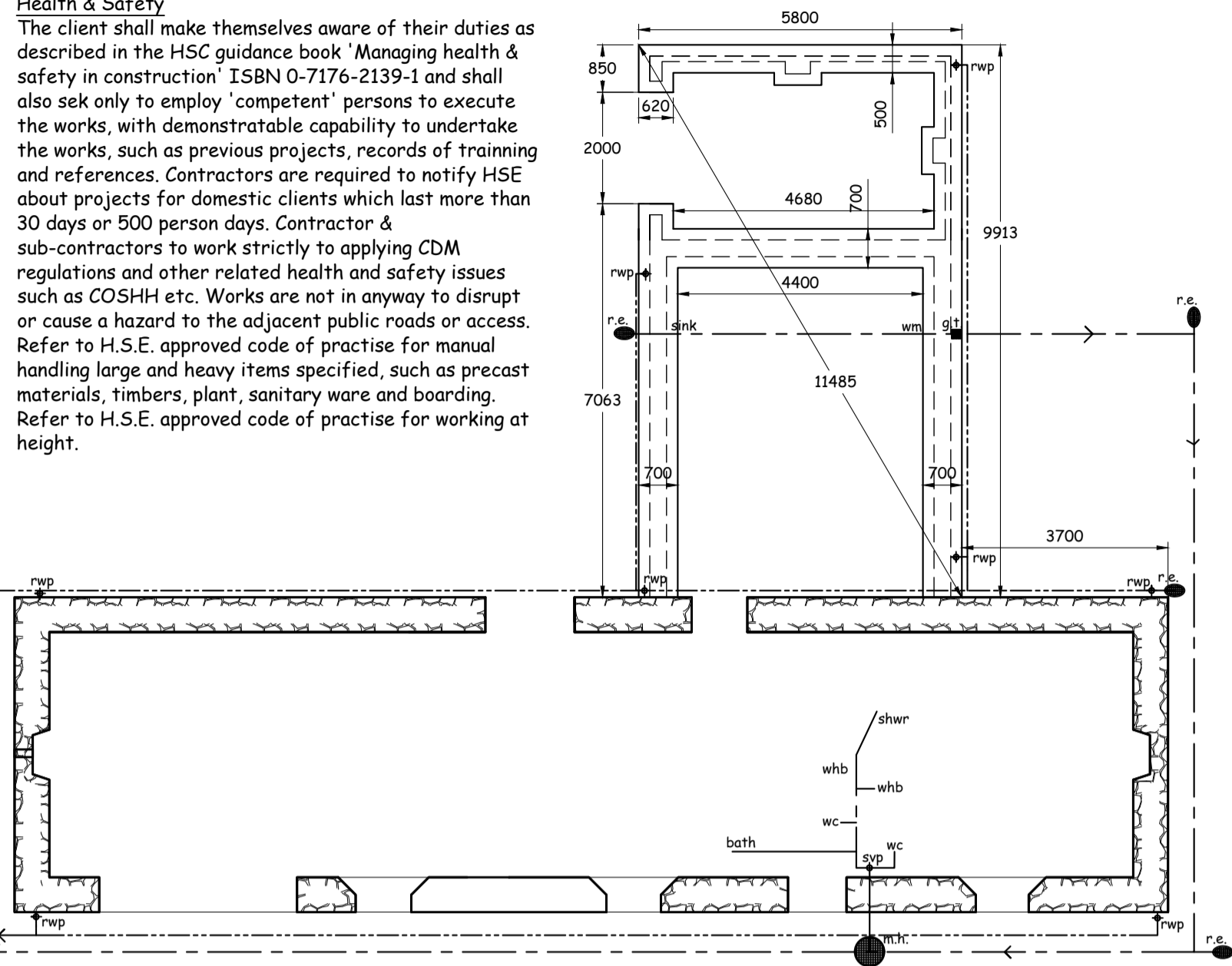


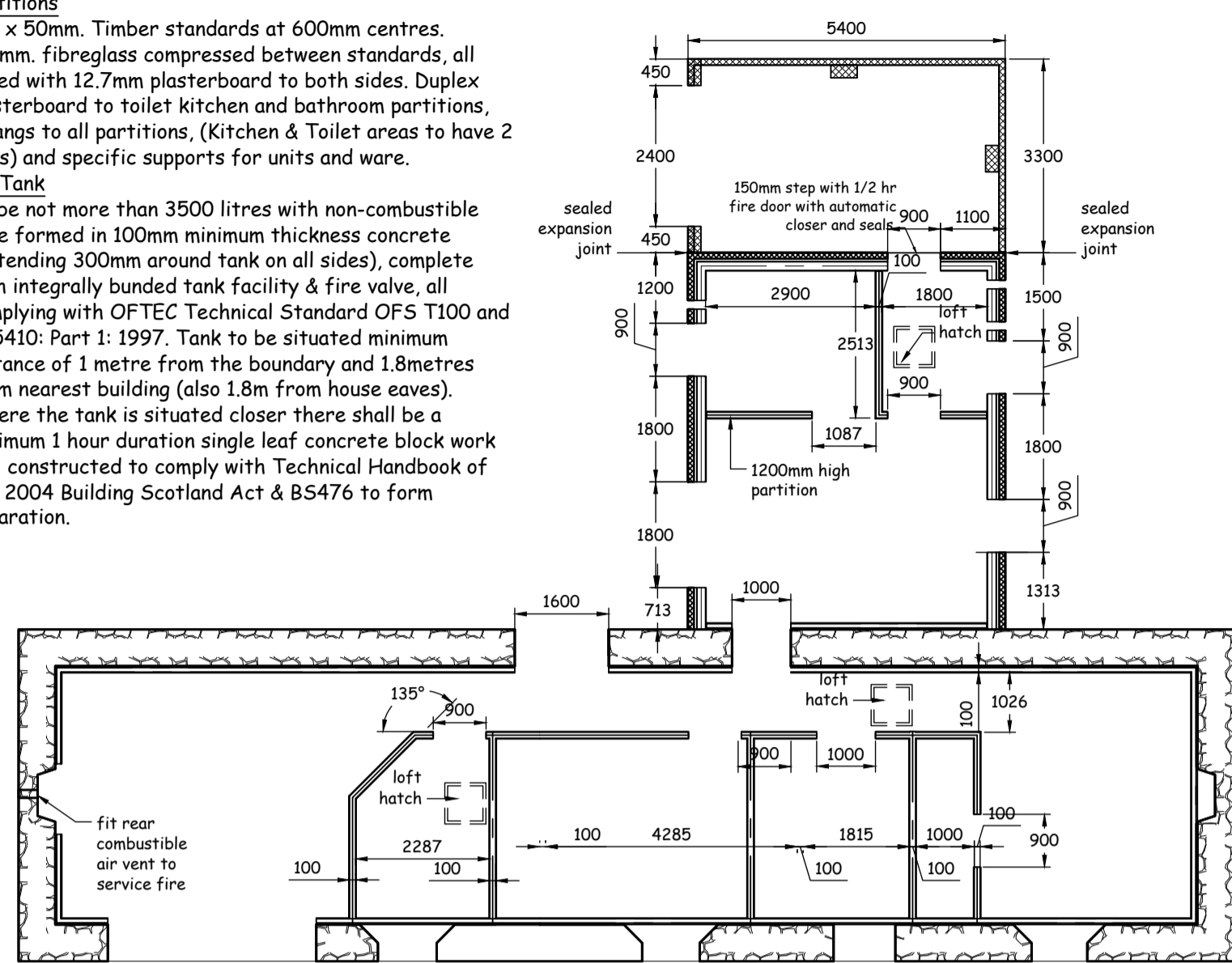
THE CONTRACTOR TO CHECK & SATISFY HIMSELF WITH ALL DIMENSIONS PRIOR TO ORDERING OF MATERIALS, AND FURTHER VERIFICATION ALSO TO BE MADE ON SITE. - DO NOT SCALE THIS DRAWING.

Health & Safety
The client shall make themselves aware of their duties as described in the HSC guidance book 'Managing health & safety in construction' ISBN 0-7176-2139-1 and shall also seek only to employ 'competent' persons to execute the works, with demonstratable capability to undertake the works, such as previous projects, records of training and references. Contractors are required to notify HSE about projects for domestic clients which last more than 30 days or 500 person days. Contractor & sub-contractors to work strictly to applying CDM regulations and other related health and safety issues such as COSHH etc. Works are not in anyway to disrupt or cause a hazard to the adjacent public roads or access. Refer to H.S.E. approved code of practise for manual handling large and heavy items specified, such as precast materials, timbers, plant, sanitary ware and boarding. Refer to H.S.E. approved code of practise for working at height.



FOUNDATION/DRAINAGE PLAN 1:100

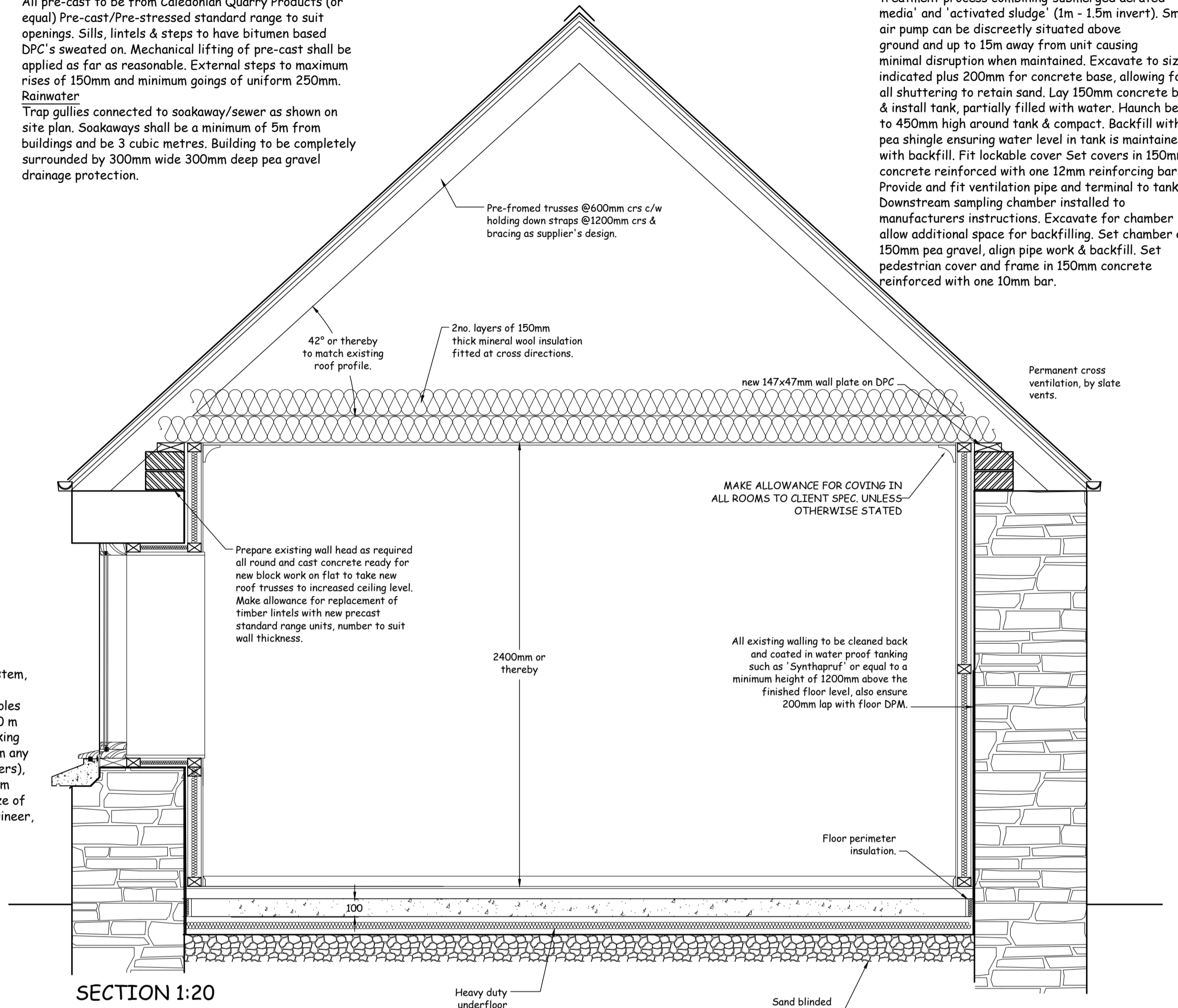
Partitions
100 x 50mm. Timber standards at 600mm centres. 150mm, fibreglass compressed between standards, all faced with 12.7mm plasterboard to both sides. Duplex plasterboard to toilet kitchen and bathroom partitions. Dwgangs to all partitions. (Kitchen & Toilet areas to have 2 rows) and specific supports for units and ware.
Oil Tank
To be not more than 3500 litres with non-combustible base formed in 100mm minimum thickness concrete (extending 300mm around tank on all sides), complete with integrally bonded tank facility & fire valve, all complying with OFTEC Technical Standard OFS T100 and BS5410: Part 1: 1997. Tank to be situated minimum distance of 1 metre from the boundary and 1.8metres from nearest building (also 1.8m from house eaves). Where the tank is situated closer there shall be a minimum 1 hour duration single leaf concrete block wall constructed to comply with Technical Handbook of the 2004 Building Scotland Act & BS476 to form separation.



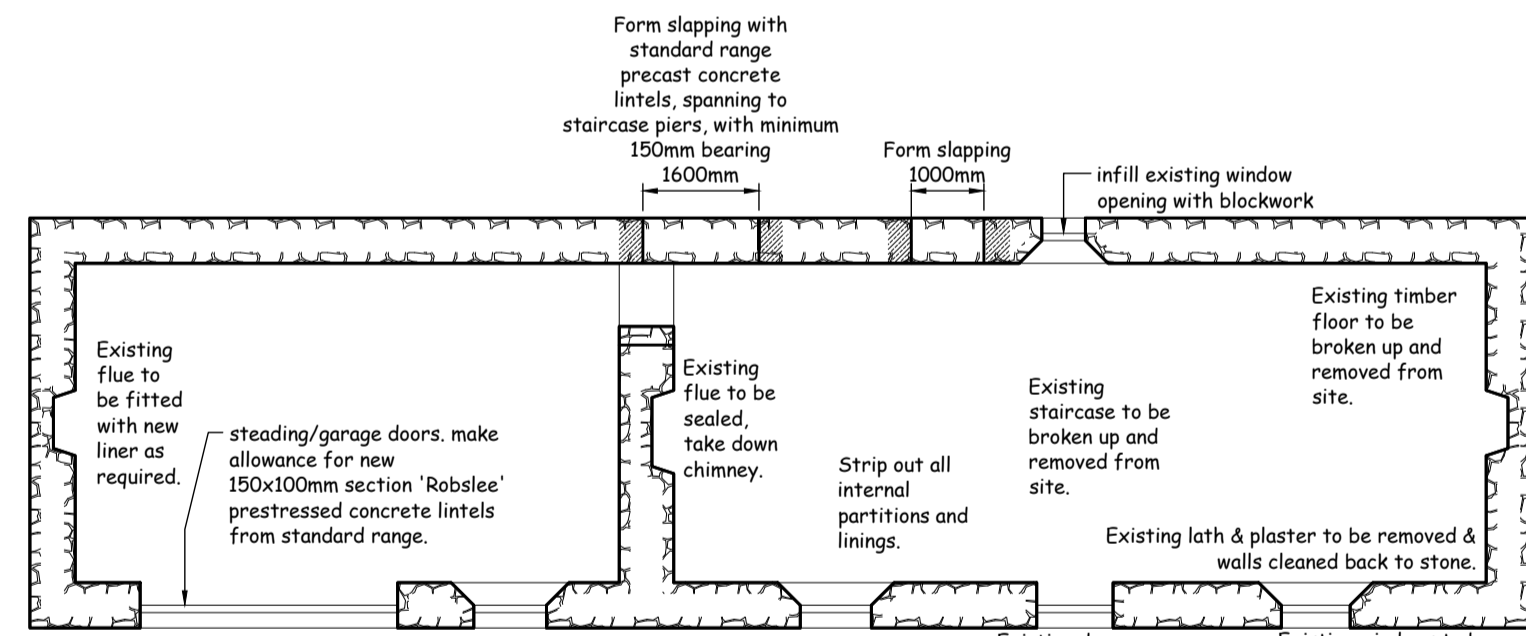
DIMENSION PLAN 1:100

Mounded filtration system
Outfall to be directed to mounded soakaway system, designed in accordance with percolation tests associated to the position on site. Location of holes (distances from soakaway perimeter) at least 50 m from any spring, well or borehole used as a drinking water supply; and at least 10 m horizontally from any watercourse (including any inland or coastal waters), permeable drain, road or railway; and at least 5 m from a building or a boundary. The design and size of the mound shall be certified by an independent engineer, following under separate cover.

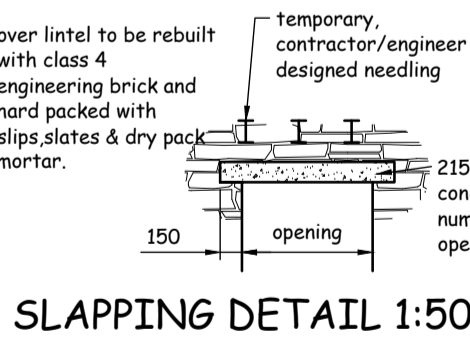
Pre-cast
All pre-cast to be from Caledonian Quarry Products (or equal) Pre-cast/Pre-stressed standard range to suit openings. Sills, lintels & steps to have bitumen based DPC's sweated on. Mechanical lifting of pre-cast shall be applied as far as reasonable. External steps to maximum rises of 150mm and minimum goings of uniform 250mm.
Rainwater
Trap gullies connected to soakaway/sewer as shown on site plan. Soakaways shall be a minimum of 5m from buildings and be 3 cubic metres. Building to be completely surrounded by 300mm wide 300mm deep pea gravel drainage protection.



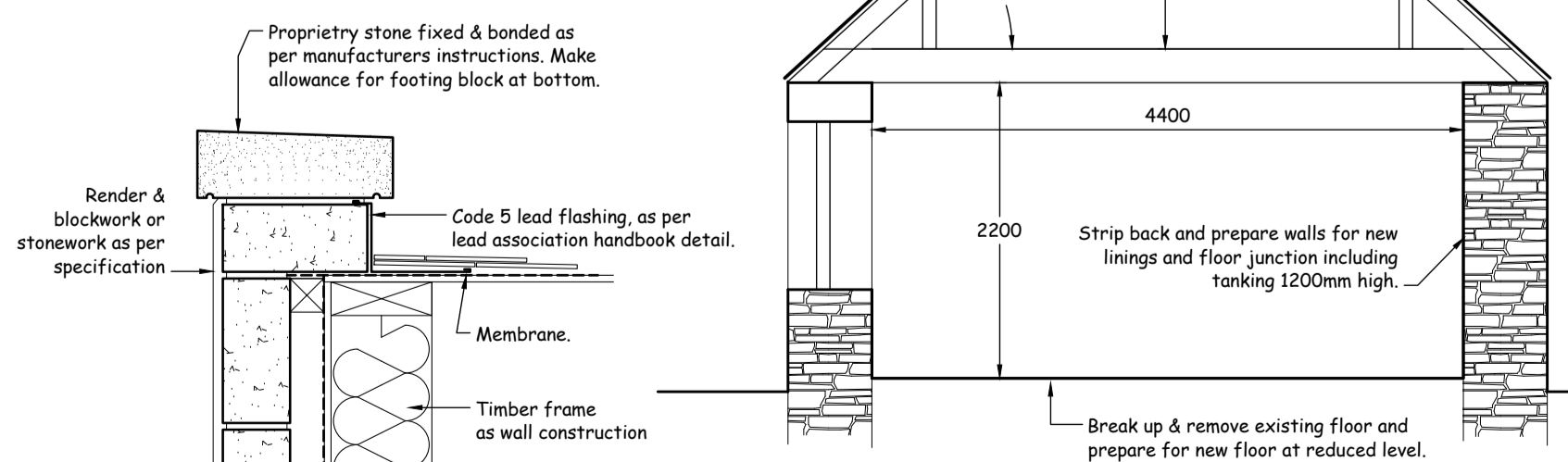
SECTION 1:20



EXISTING PLAN 1:100

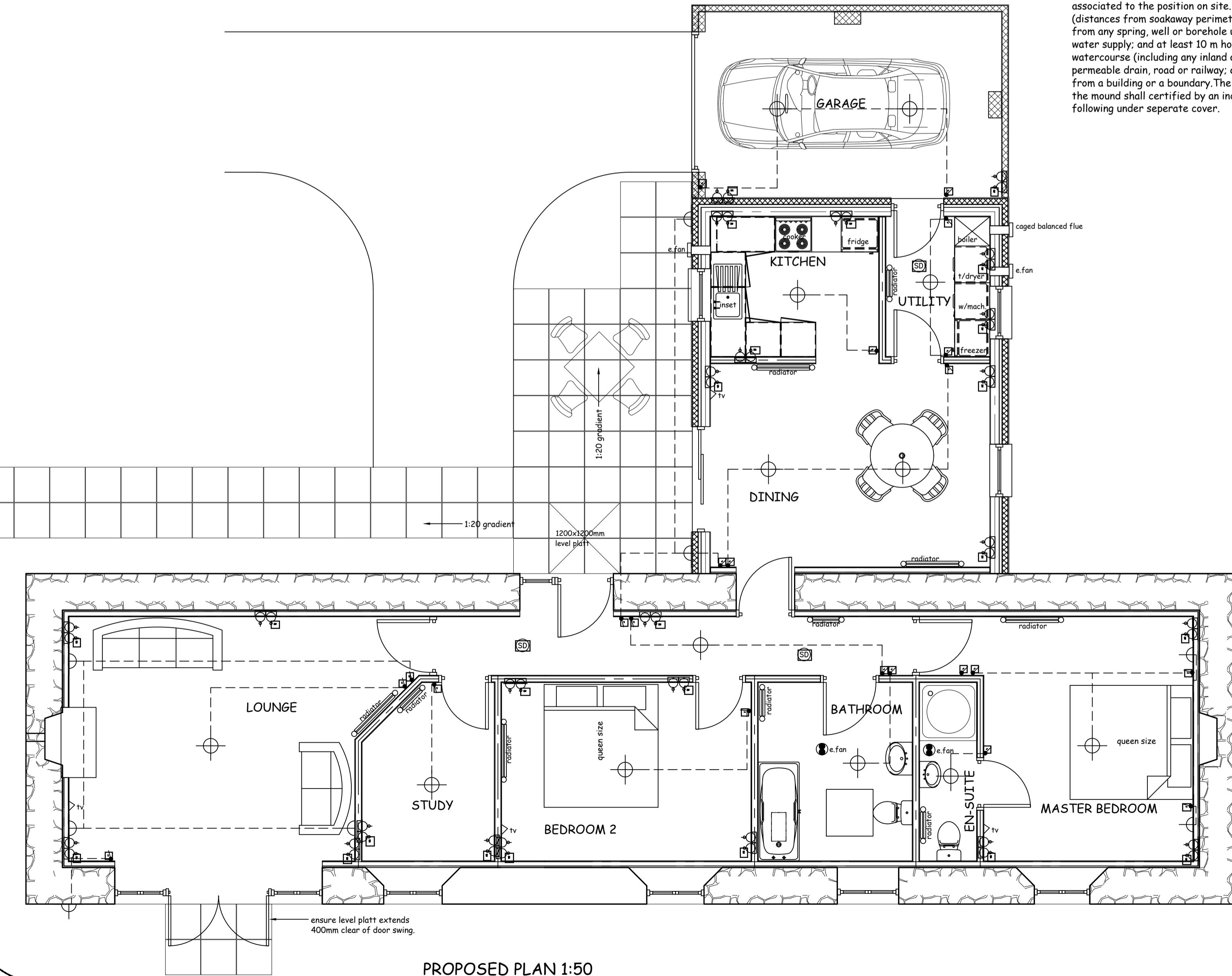


SLAPPING DETAIL 1:50



SKEW DETAIL 1:10

EXISTING SECTION 1:50



PROPOSED PLAN 1:50

Sewage treatment works & Sampling Chamber.
Located a minimum 10m from boundaries & building, Largest SIGMA SIG38 sewage treatment plant installed to manufacturers instructions, Efficient treatment process combining submerged aerated media and activated sludge (1m x 1.5m invert). Small air pump can be discreetly situated above ground and up to 15m away from unit causing minimal disruption when maintained. Excavate to size indicated plus 200mm for concrete base, allowing for all shuttering to retain sand. Lay 150mm concrete bed & install tank, partially filled with water. Haunch bed to 450mm high around tank & compact. Backfill with pea shingle ensuring water level in tank is maintained with backfill. Fit lockable cover. Set covers in 150mm concrete reinforced with one 12mm reinforcing bar. Provide and fit ventilation pipe and terminal to tank. Downstream sampling chamber installed to manufacturers instructions. Excavate for chamber allow additional space for backfilling. Set chamber in 150mm pea gravel, align pipe work & backfill. Set pedestrian cover and frame in 150mm concrete reinforced with one 10mm bar.

No.	Revision/Issue	Date
A	warrant changes	26/7/05
B	as-built	24/4/08

Sutherland Drawing Services

Kevin Jack
21 Heather Road, Milton, Inverness. IV2 3DE
Blamhor', Drummuie Road, Golspie. KW10 6SY
Tel/Fax: 01463 235671
mail@sutherlanddrawingservices.com
www.sutherlanddrawingservices.com

Project Name and Address
Proposed croft cottage renovation for Shirley Douglas, Topachy, Altass, Rosehall, by Lairg, Sutherland. IV27 4EU
Tel. 01549 441242
Section, Plans etc.

Project SD 01	Sheet A 1
Date June '05	L 0 1
Scale 1:50 / 1:20 / 1:100	