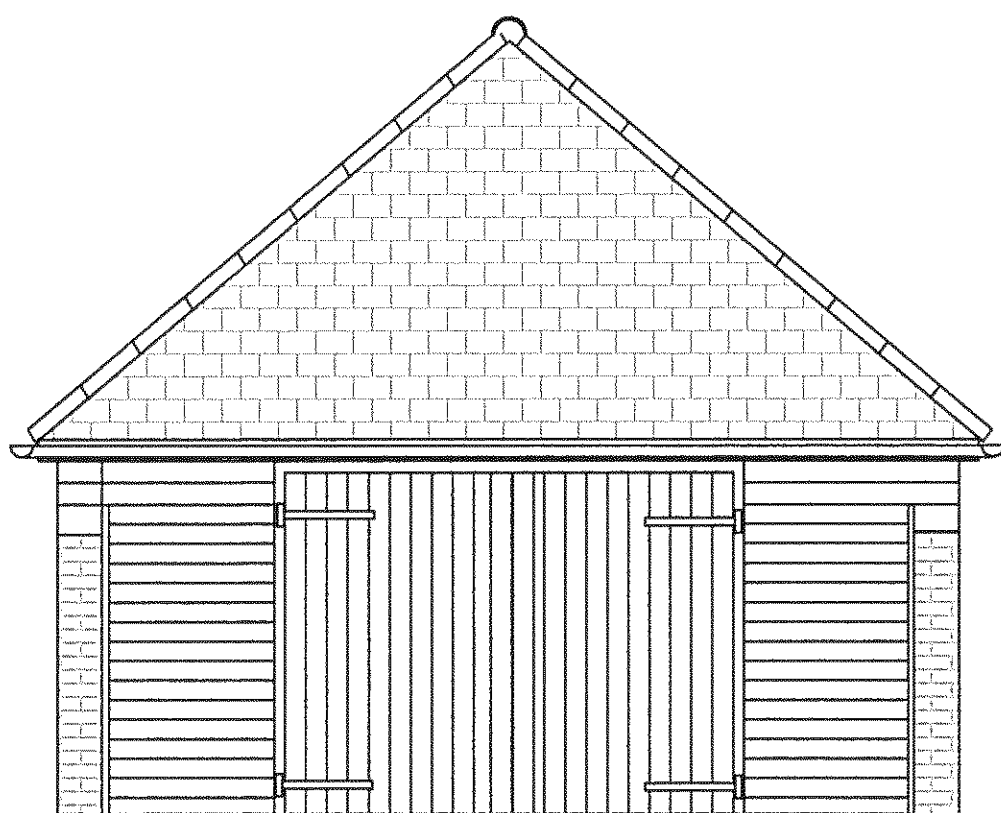




S.E. Elevation - as existing



S.E. Elevation as proposed

Remove doors and cladding on both sides and replace with a softwood framed window with fanlights and door all with hardwood cills and all double glazed

Floor.
Lay 1200 gauge damp proof membrane to existing concrete floor turned minimum 250mm up all external walls, lay 75mm Celotex or similar insulation and 75mm reinforced sand and cement screed.

Ceiling
Provide additional 200x50mm sw joists over lounge area and 100x50mm sw joists to remaining area, fix 15mm plasterboard and set. Provide 100mm fibre glass insulation between joists and 150mm over joists to give 250mm in total.

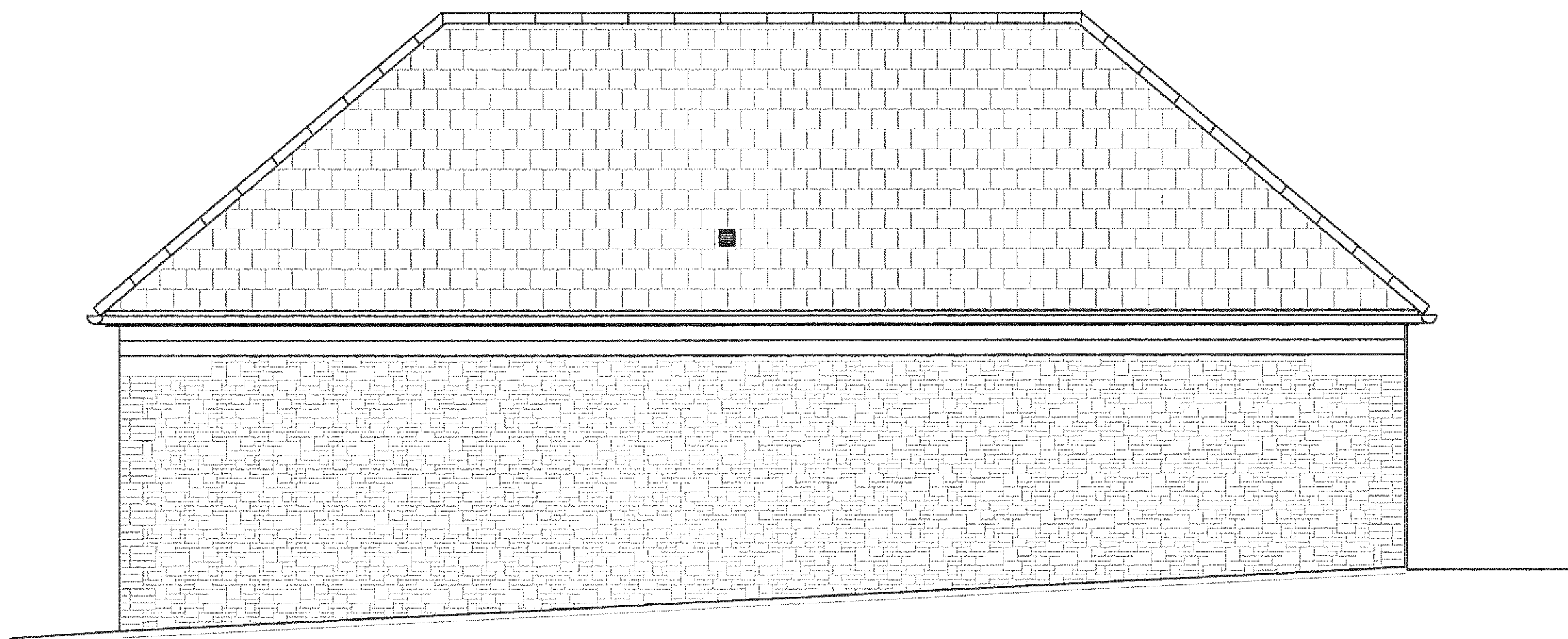
Partitions
Form all partitions of 100x50mm sw studding at 400mm centres, infill between studding with HUSH-SLAB 100 or similar sound insulation, cover both sides of partitions with 15mm fireline board and set.
Fix sw linings and hang flush faced plywood doors.

Provide breathable damp proof membrane to inner face of external walls and erect stud partition, on damp proof membrane, of 100x50mm sw studding at 400mm centres, infill between studs with 100mm fibre glass insulation. Fix sheathing board and 15mm plasterboard and set.

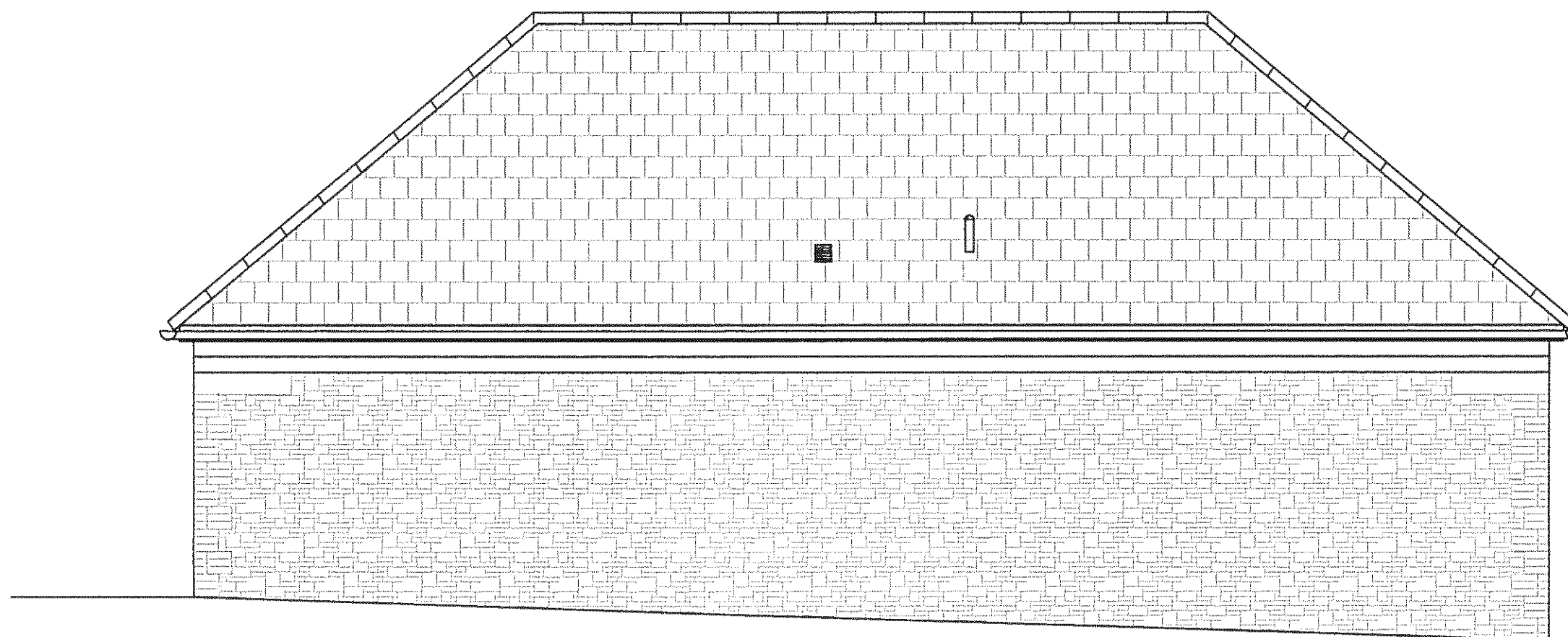
Bathroom
Provide and install -
1 No wash hand basin
1 No bath
1 No WC suite
Run cold water supplies to all fittings and hot water to basin and bath. All supplies to be fitted with isolating valves.
Run 36mm PVC trapped waste from basin and 43mm trapped waste from bath to discharge into sealed back inlet gulley.
Provide mechanical ventilation to give minimum air change of 15l/s/sec.

Heating
Provide and install a gas fired condensing boiler to provide both heating and hot water. All radiators to be fitted with thermostatic valves.

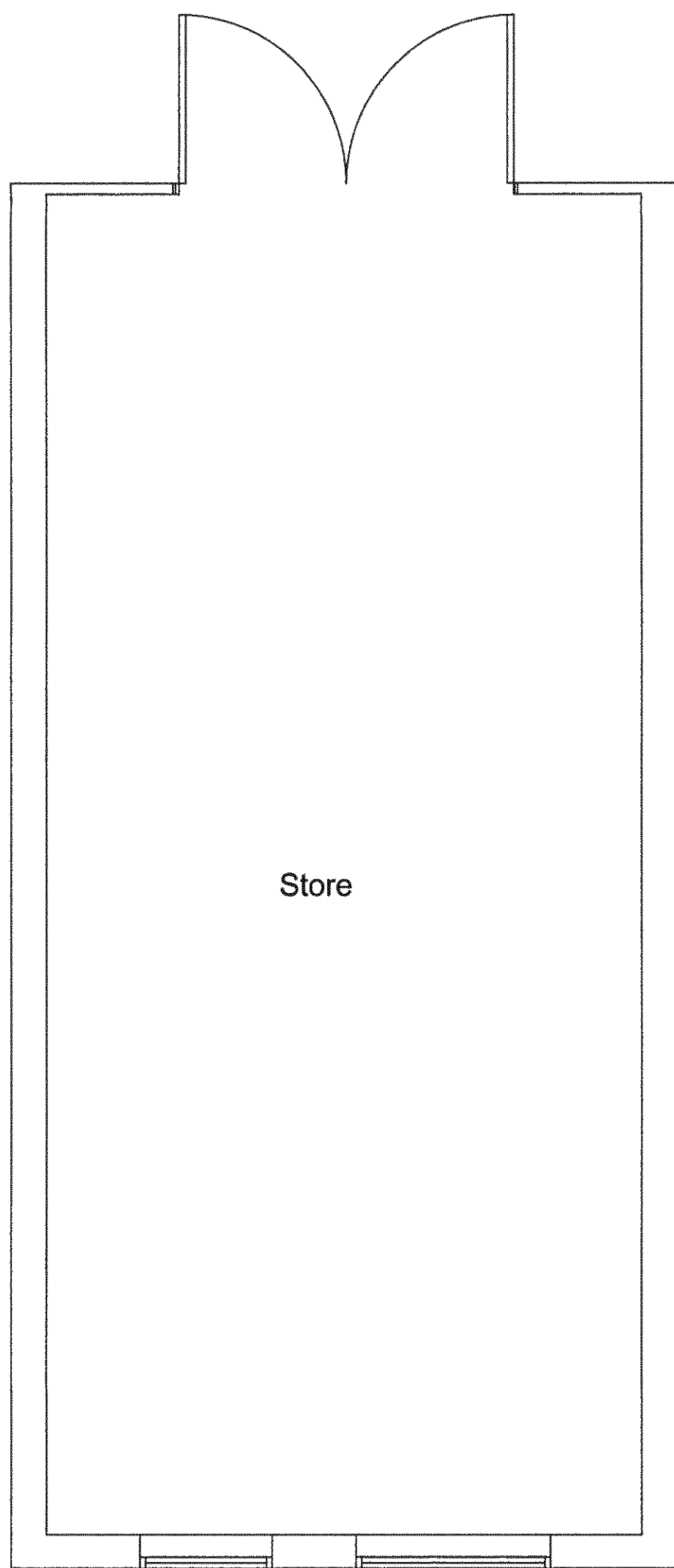
Drainage
Lay 100mm PVC drainage on and surrounded in 150mm pea beach, provide sealed back inlet gullies as required and connect to new preformed PVC manhole and then to new Condit or similar fibre glass Cess pit. Size to be determined - minimum 18000 litres.
Where drainage passes beneath walls it is to be bridged with precast concrete lintels.



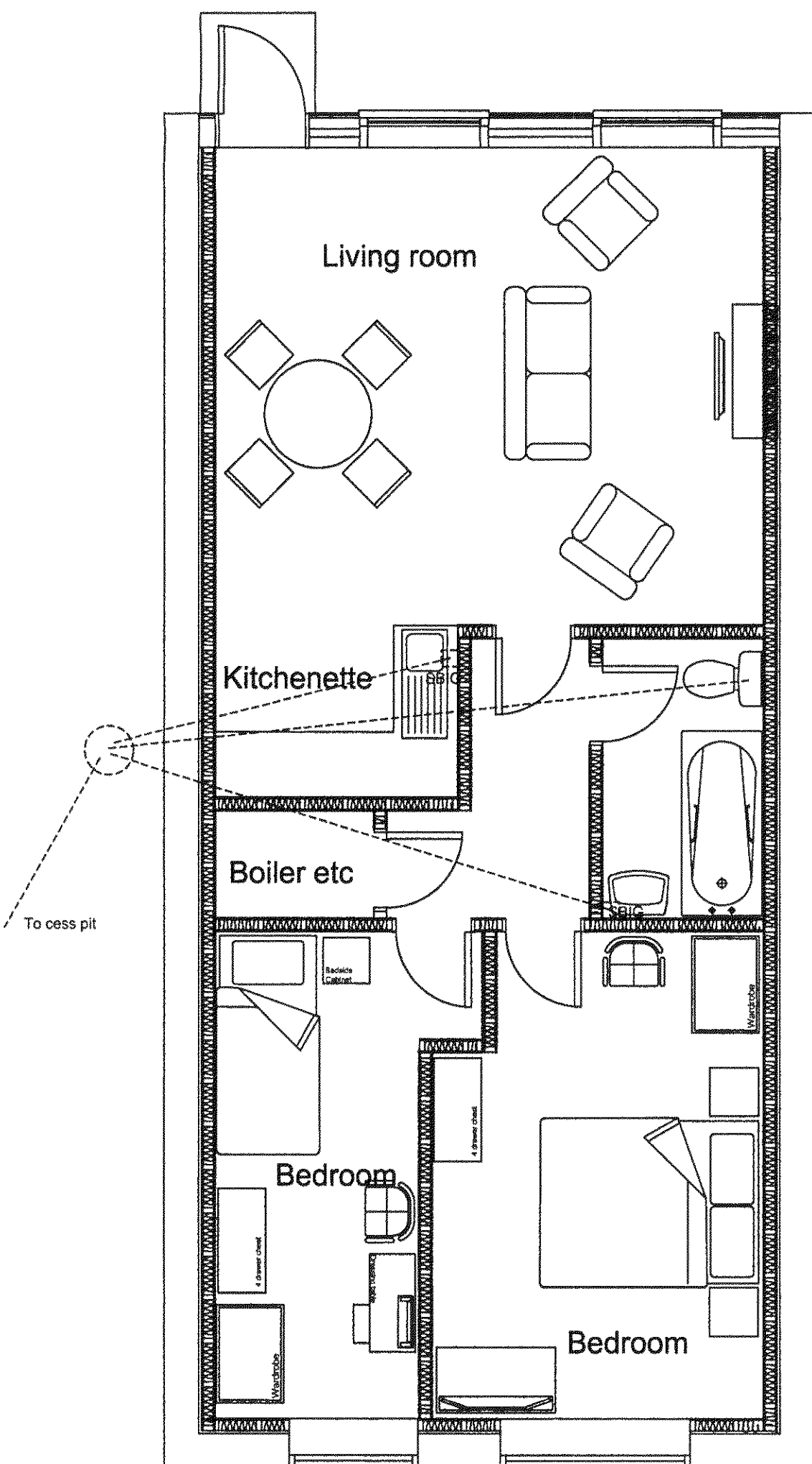
S.W Elevation - unaltered except for slate vent for bathroom extractor fan



N.E. Elevation - unaltered except for slate vent for kitchen extractor fan and boiler flue



Barn - as existing



Barn - as proposed



N.W Elevation - unaltered

Overhaul and reglazed existing windows with double glazed units.



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Project
BARN. AVENALS FARM, ANGMERING

Title
PROPOSED CONVERSION TO
PRIVATE DWELLING

Date	Scale	Drawing No.	Revision
Sept 2010	1:50	974/10	S.E. elevation amended 17.01.11