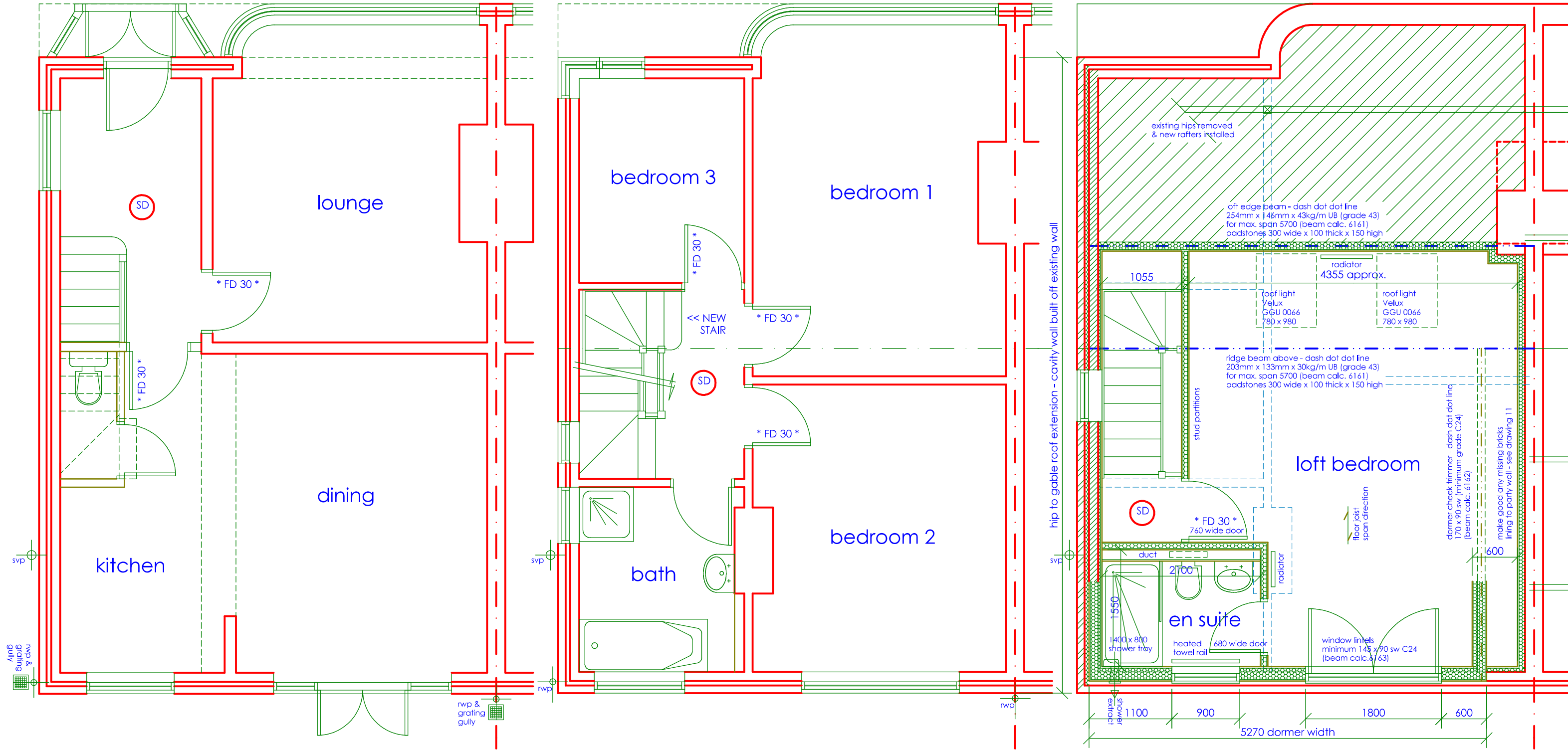


GROUND

FIRST

LOFT



The Electrical & Mechanical works shown in this drawing package is an initial indication of client requirements and it is the responsibility of specialist(s) employed by the client/builder to design, supply, install the works and provide operating & maintenance instructions/manuals/files/records& installation certificates for the works. All works to be in accord with Building Regulations.

All electrical work will be designed, installed, inspected & tested by a person competent to do so. Prior to completion of the works the Local Authority will require be satisfied that: An electrical installation certificate issued under a "Competent Person" scheme has been issued. Appropriate certificates & forms to BS7671 to be provided.

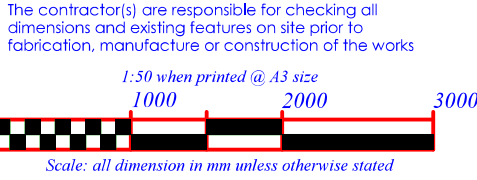
All works in connection with gas shall only be undertaken by a GAS SAFE registered installer. Any new and replacement natural gas & LPG boilers to have a minimum SEDBUK rating of 90%. Radiators to be fitted with thermostatic valves.

SD denotes self contained smoke alarm to BS 5446 : Part 1 mains operated and permanently wired to a separately fused circuit at the distribution board; alarm also to have battery back up; alarm to be interconnect with any other alarms in the same dwellinghouse; wiring to be standard IEE regulations but need not be 'pyrotechnic'.

A proportion of new light fittings to be 'low energy' eg: fluorescent or compact fluorescent or any fitting with efficacy > 45lamp lumens per cuicuit watt and a total output of greater than 400 lamp lumens; minimum 3 fittings per 4 fittings. Fittings in stores, cupboards, wardrobes excluded from count. Garage fittings to have high frequency electronic ballast.

* FD 30 * denotes fire door with 'integrity' of 30 minutes when tested to BS 476 : Part 22; frame to include intumescent seals as necessary in accord with test criteria; door to be fitted with automatic self-closing device; hinges to be steel or brass. Any glazing in door to be 6mm georgian wired glass (either cast or polished plate) and limited to 0.4m2 area.

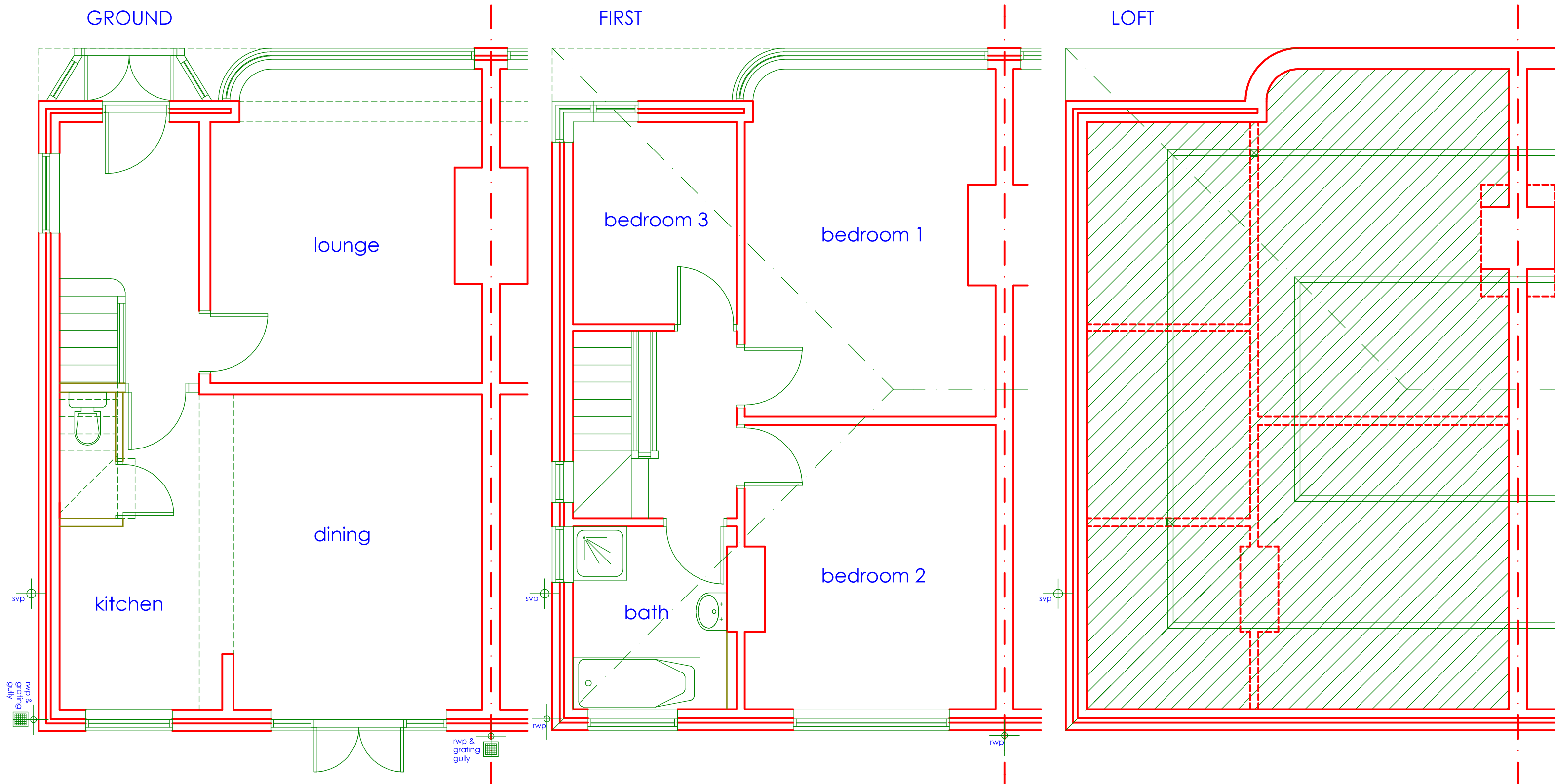
* FD 30S * to be as above but also having smoke seals.



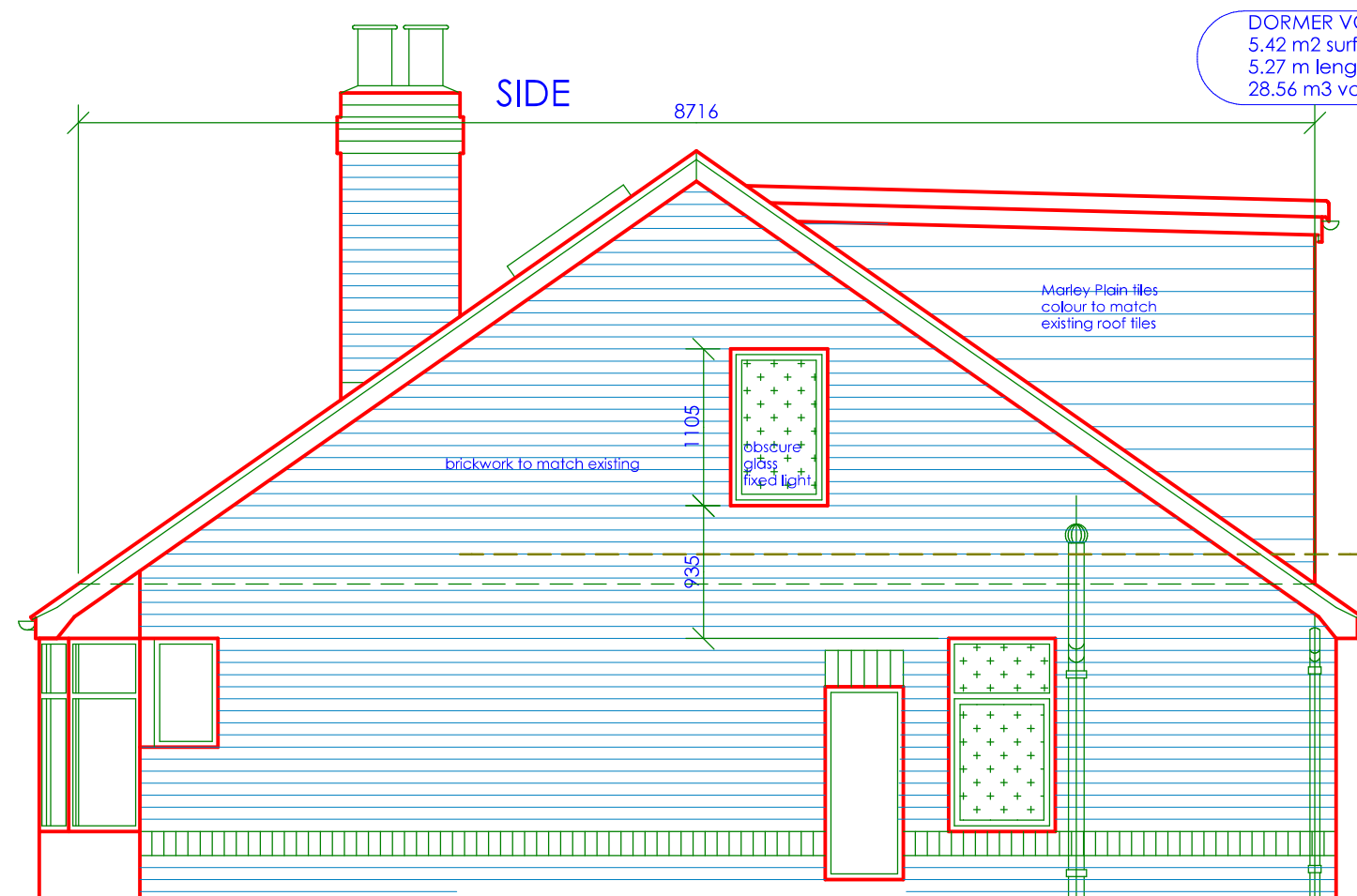
GROUND

FIRST

LOFT



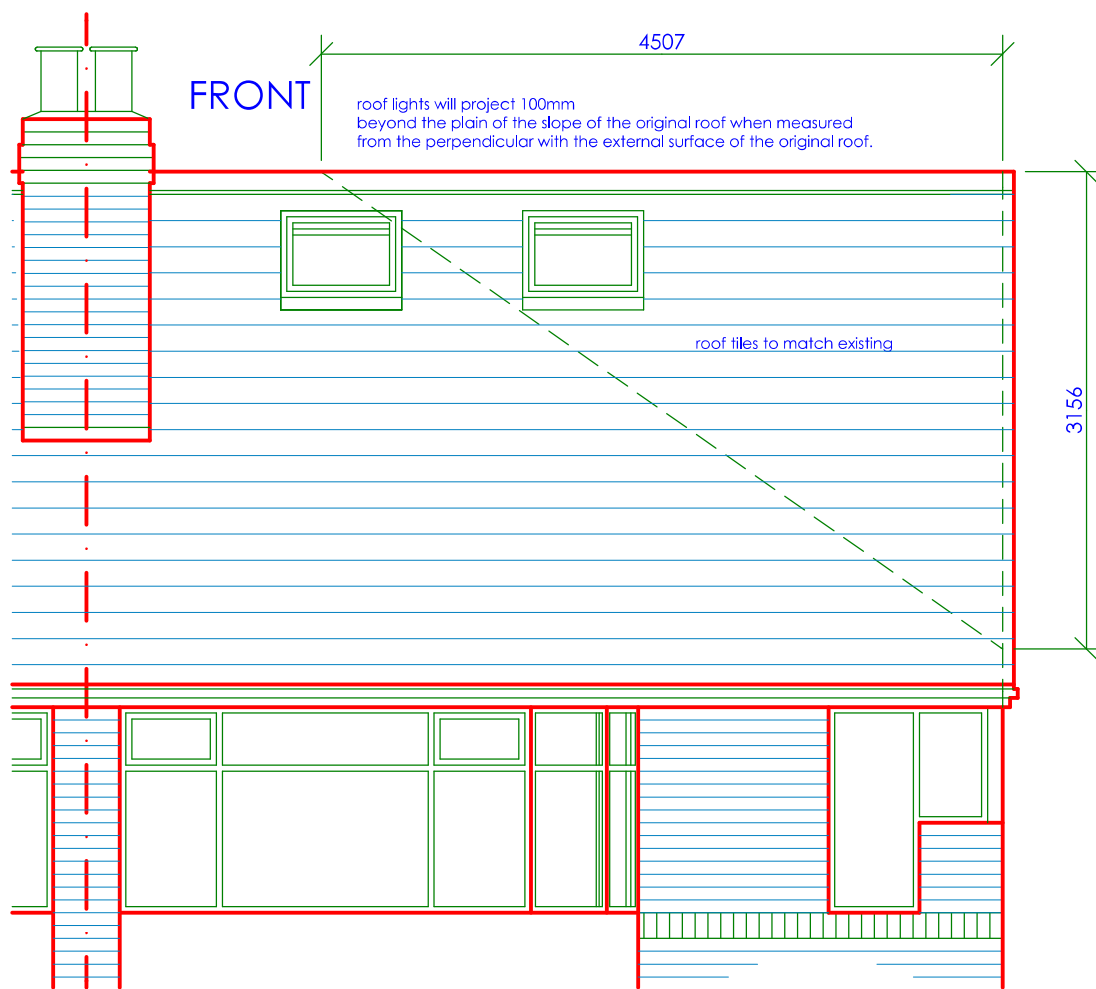
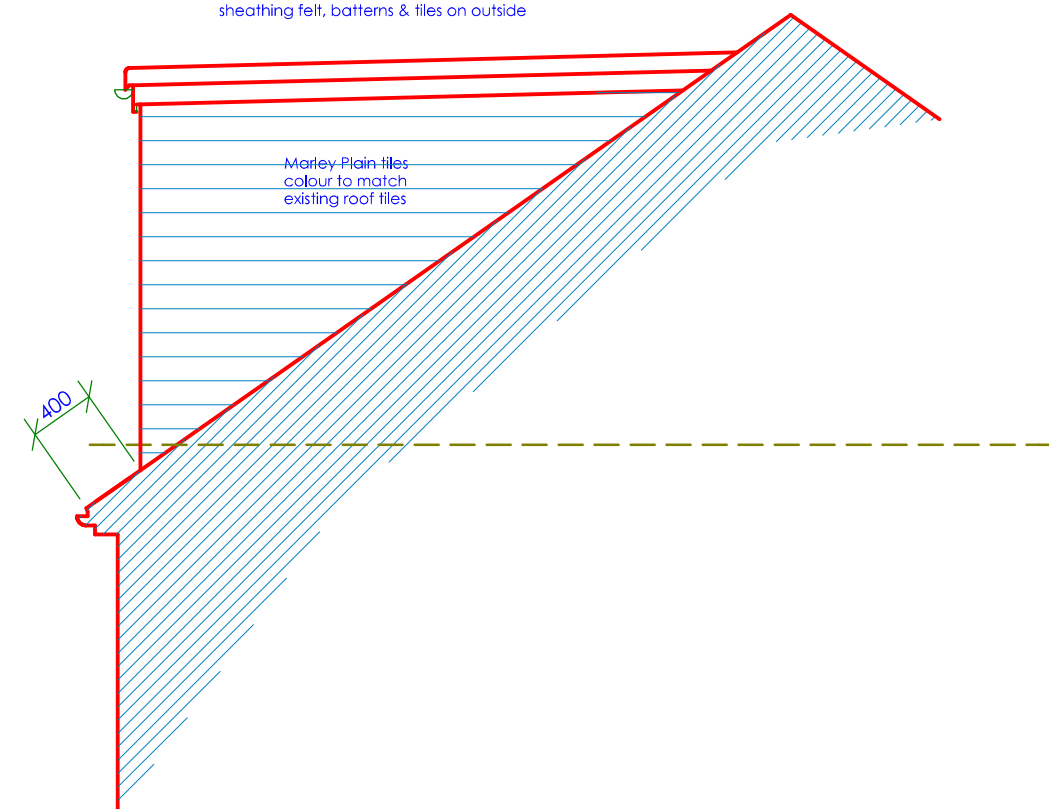
1605



DORMER VOLUME
5.42 m2 surface area of end of dormer
5.27 m length of dormer
28.56 m3 volume of dormer

side of dormer within 1m of boundary to have a lining on BOTH sides of timber studs of 2 layers of 10 thick British Gypsum Glasroc F Multiboard to achieve one hour fire resistance then plasterboard and skim on inside and sheathing felt, battens & tiles on outside

SIDE



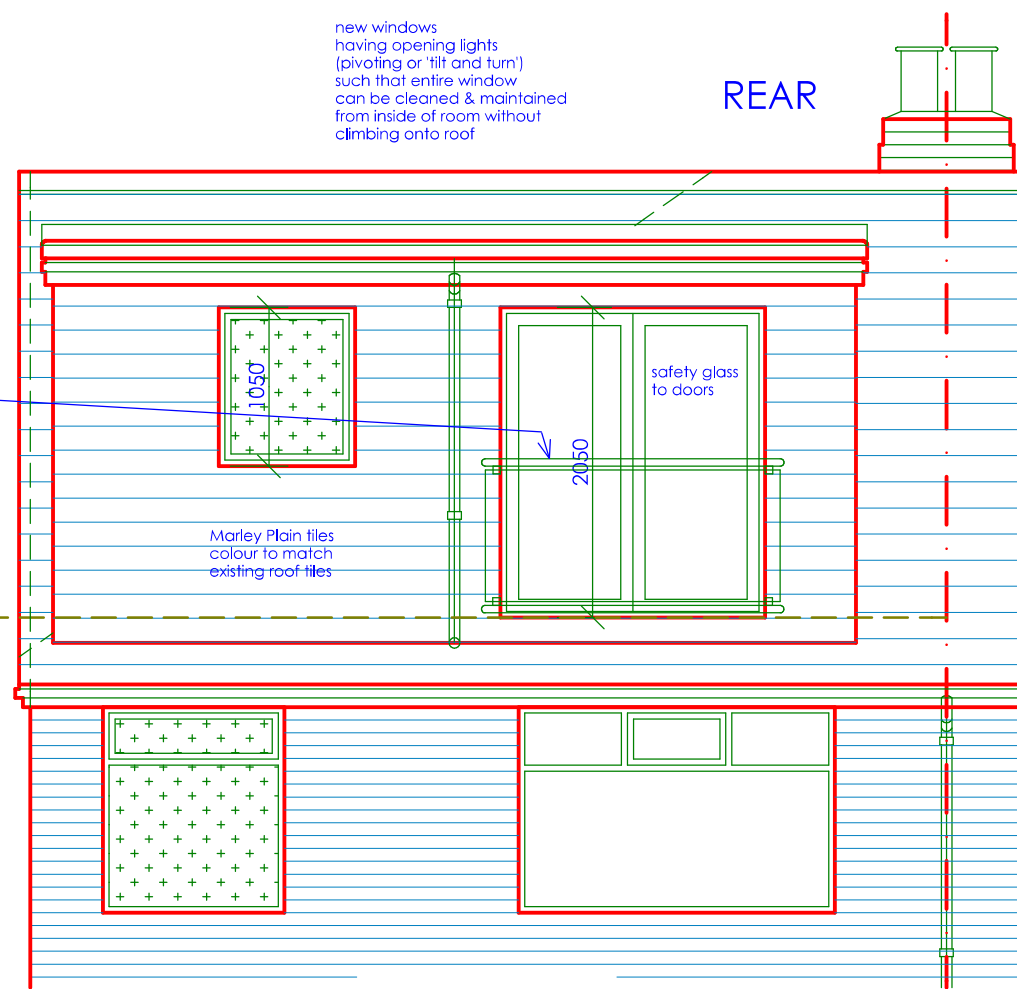
FRONT

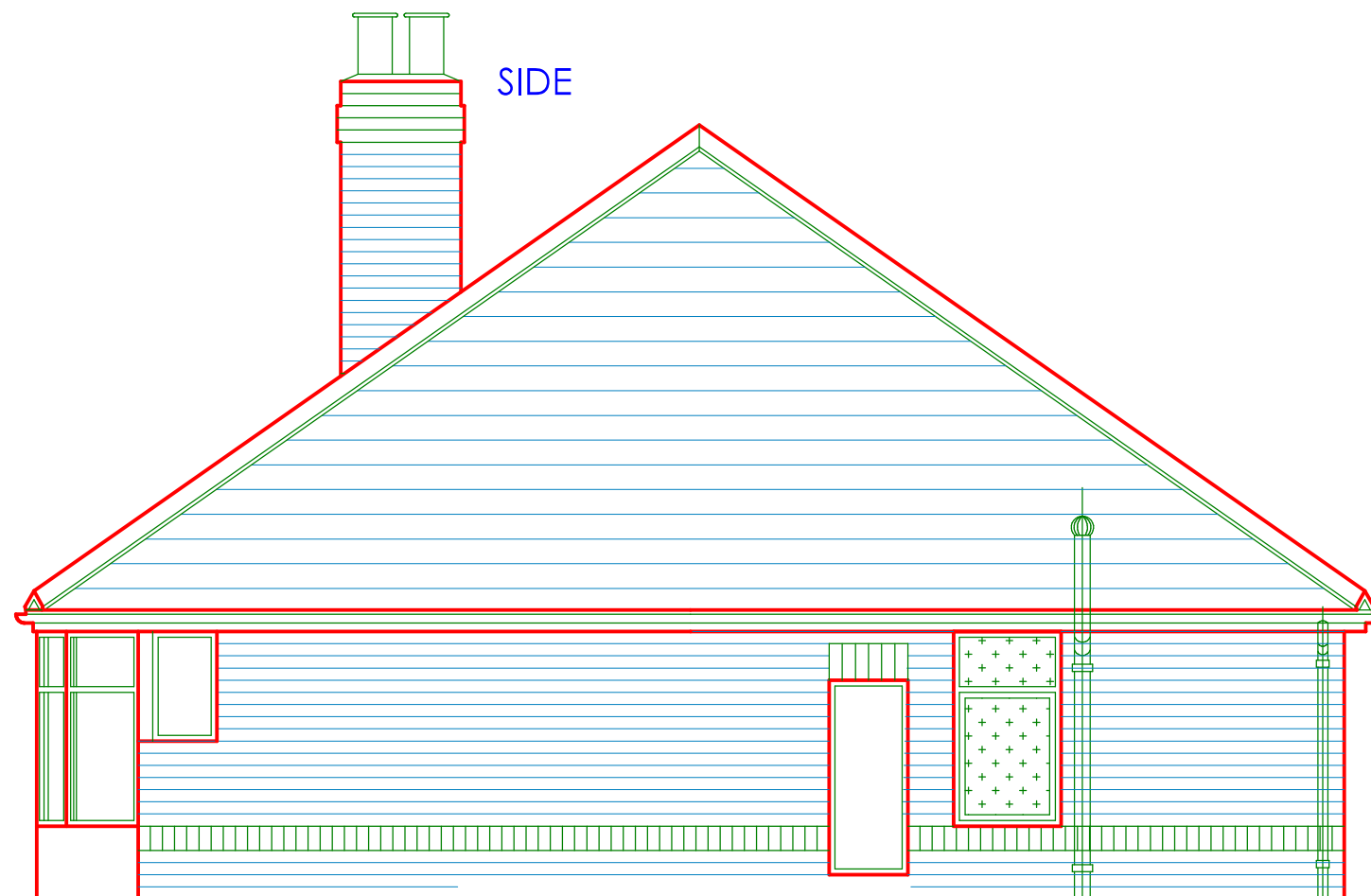
HIP TO GABLE VOLUME
(pyramid with triangular base)
8.72 x 3.16 x 4.51 / 6
20.71 m3 volume of gable extension

handrail to be 50 dia. by 5 thick stainless steel tube (calc. 5785)
stainless steel balustrade with 'handrail' fitted 1100 above loft conversion floor level: toughened or laminated glass infill: fixings & 'handrail' to be capable of resisting a load of 0.74kN/m applied horizontally to the handrail: infill glazing to be capable of resisting a UDL load of 1.0kN/m2 and point load of 0.5kN: calculations provided by manufacturer all subject to conditional Building Regulations approval

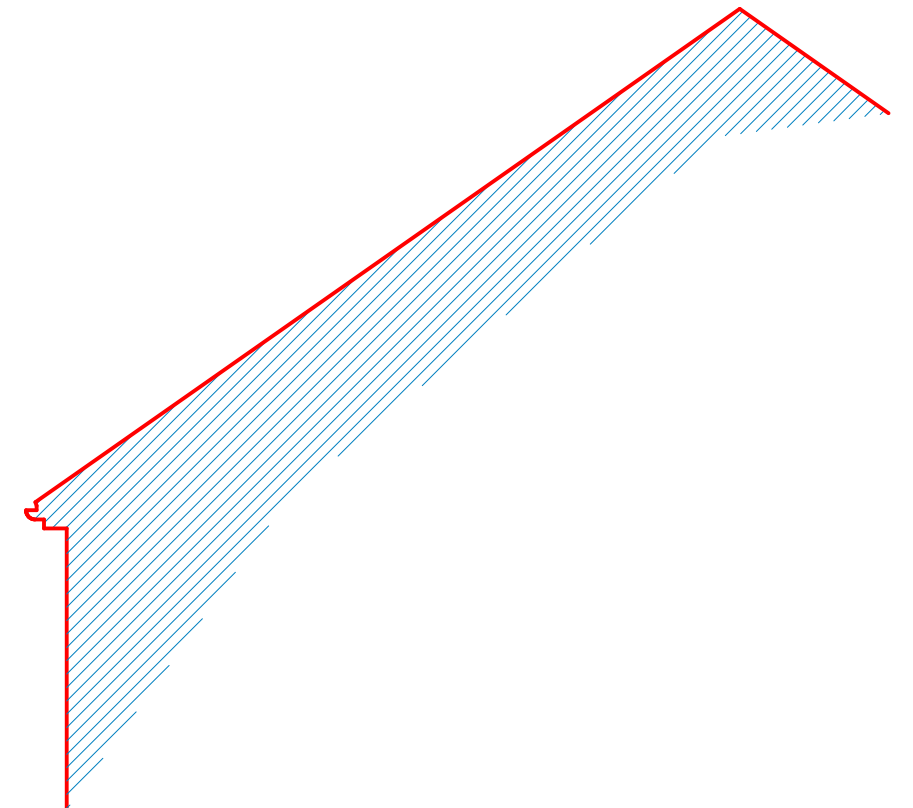
new windows having opening lights (pivoting or 'tilt and turn') such that entire window can be cleaned & maintained from inside of room without climbing onto roof

REAR

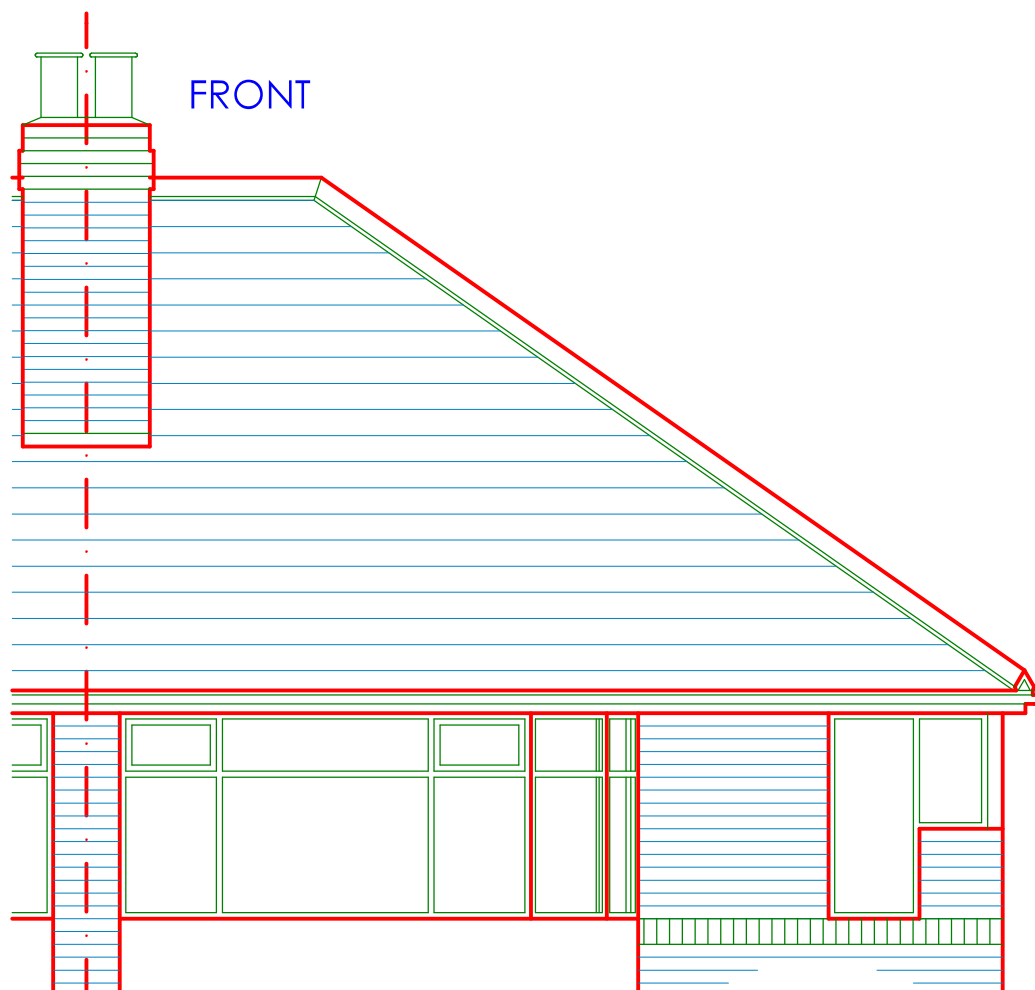




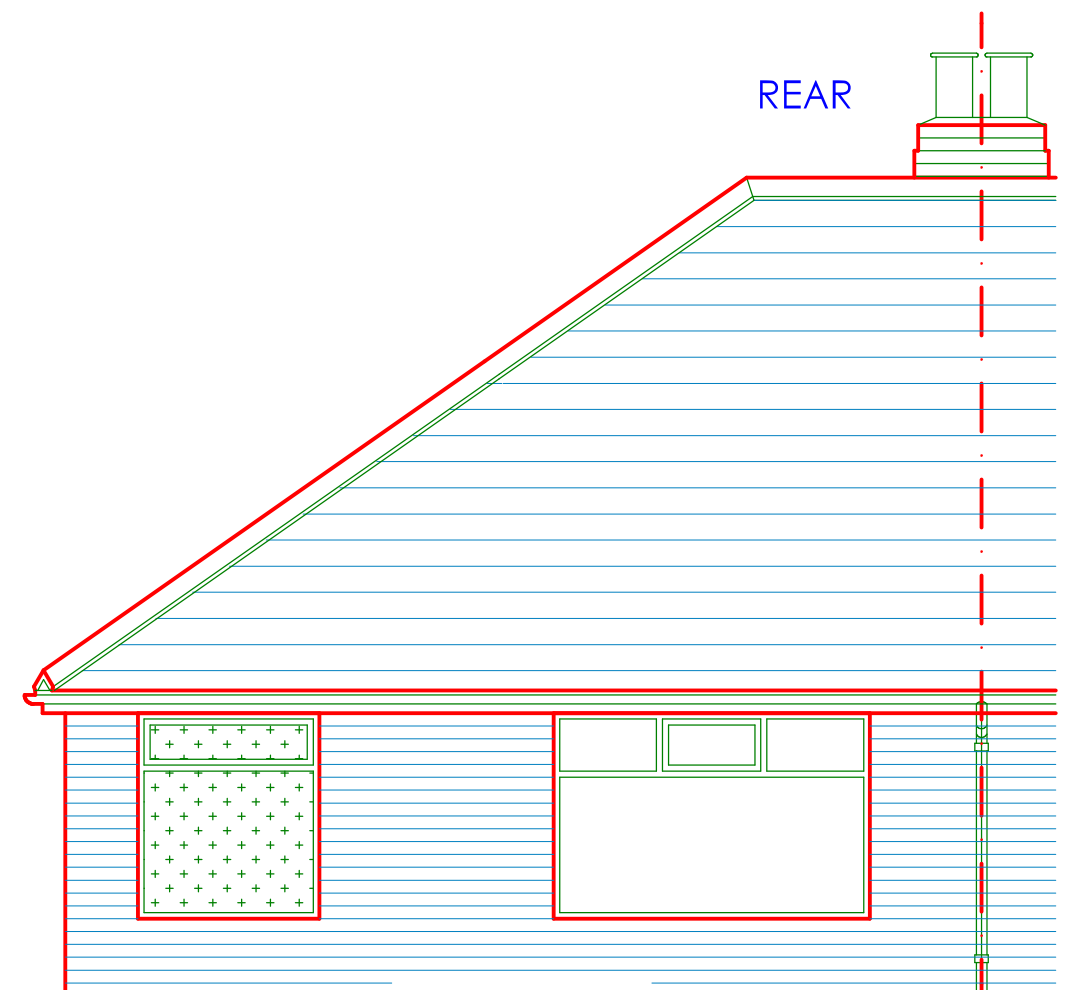
SIDE



SIDE



FRONT



REAR