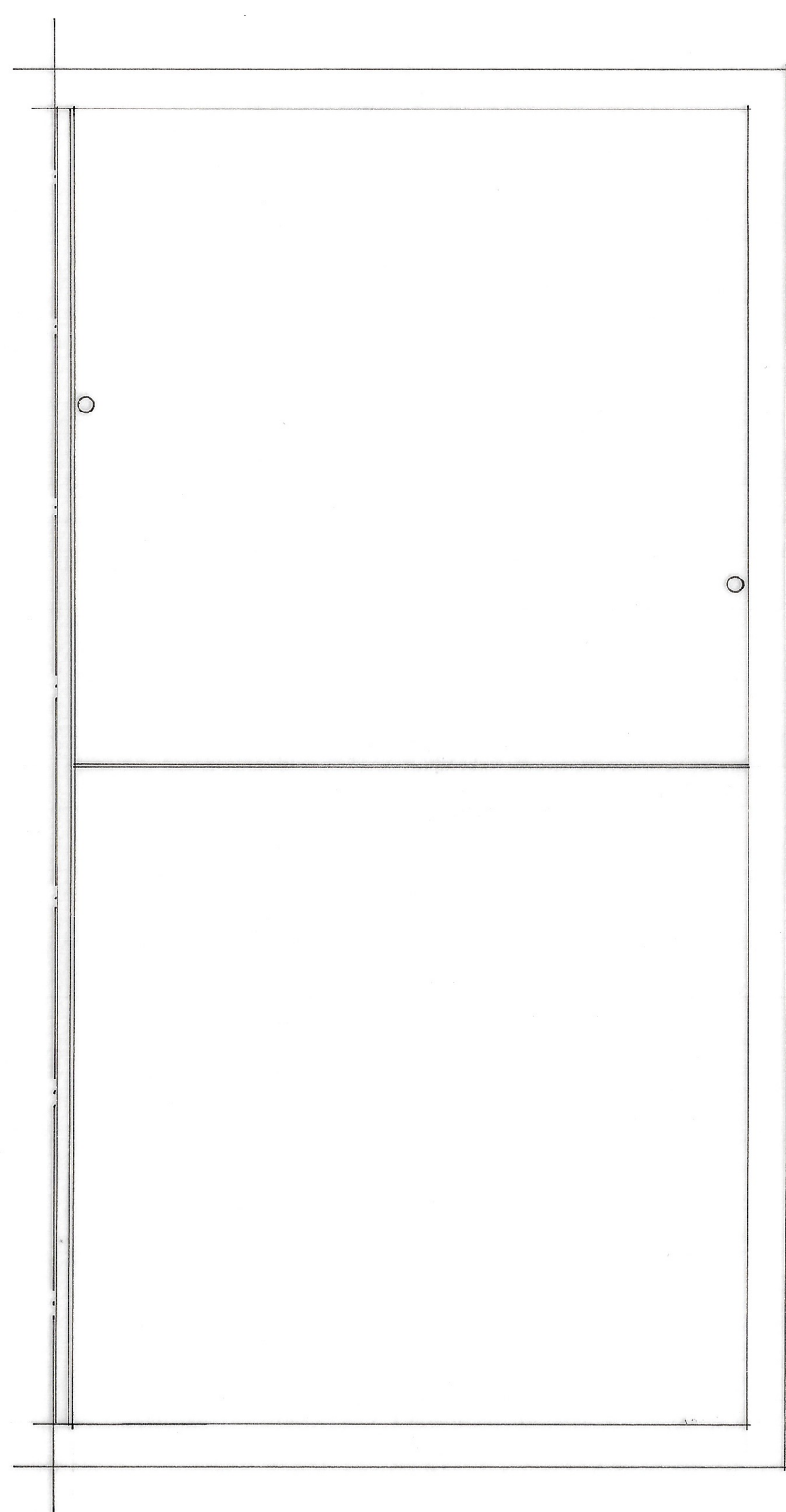
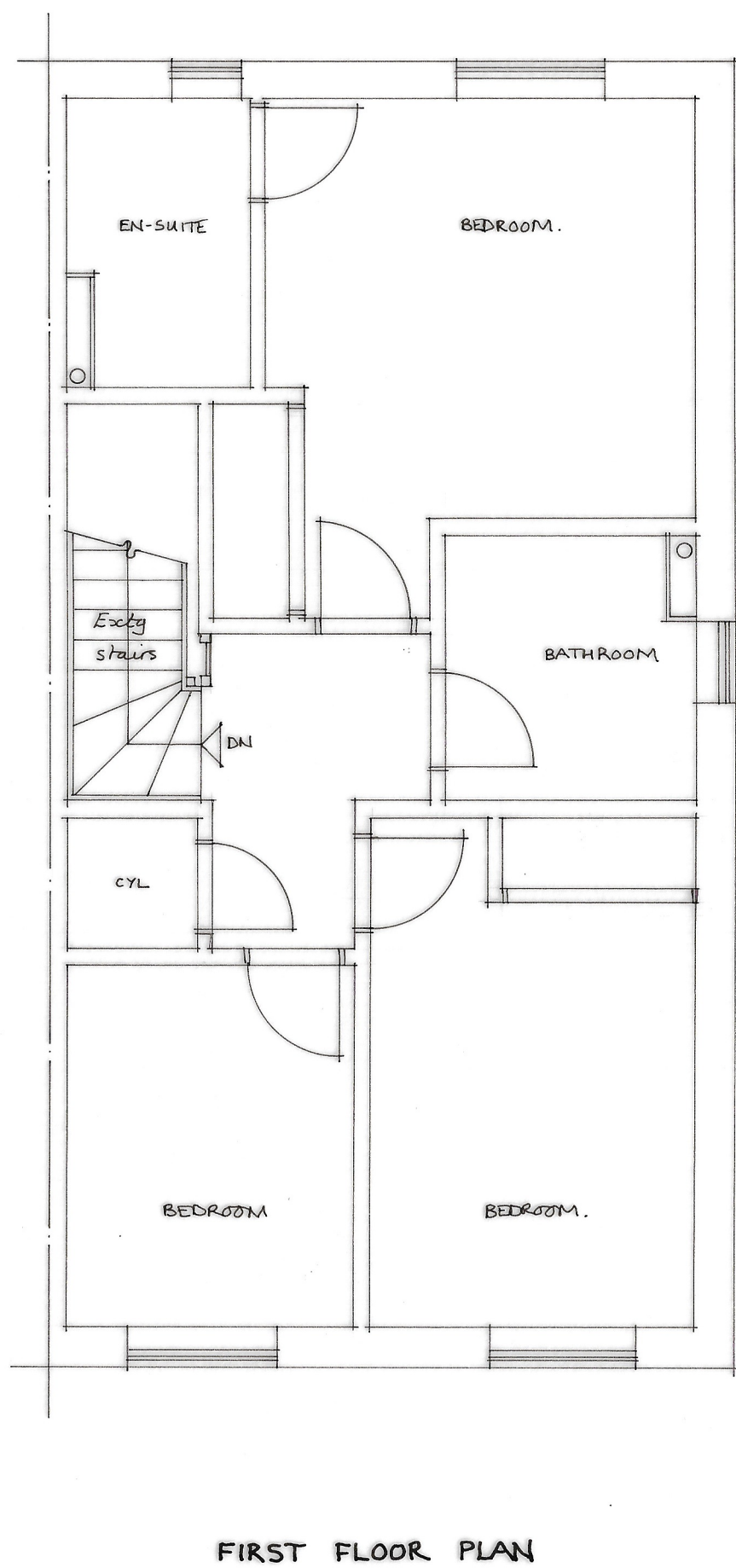
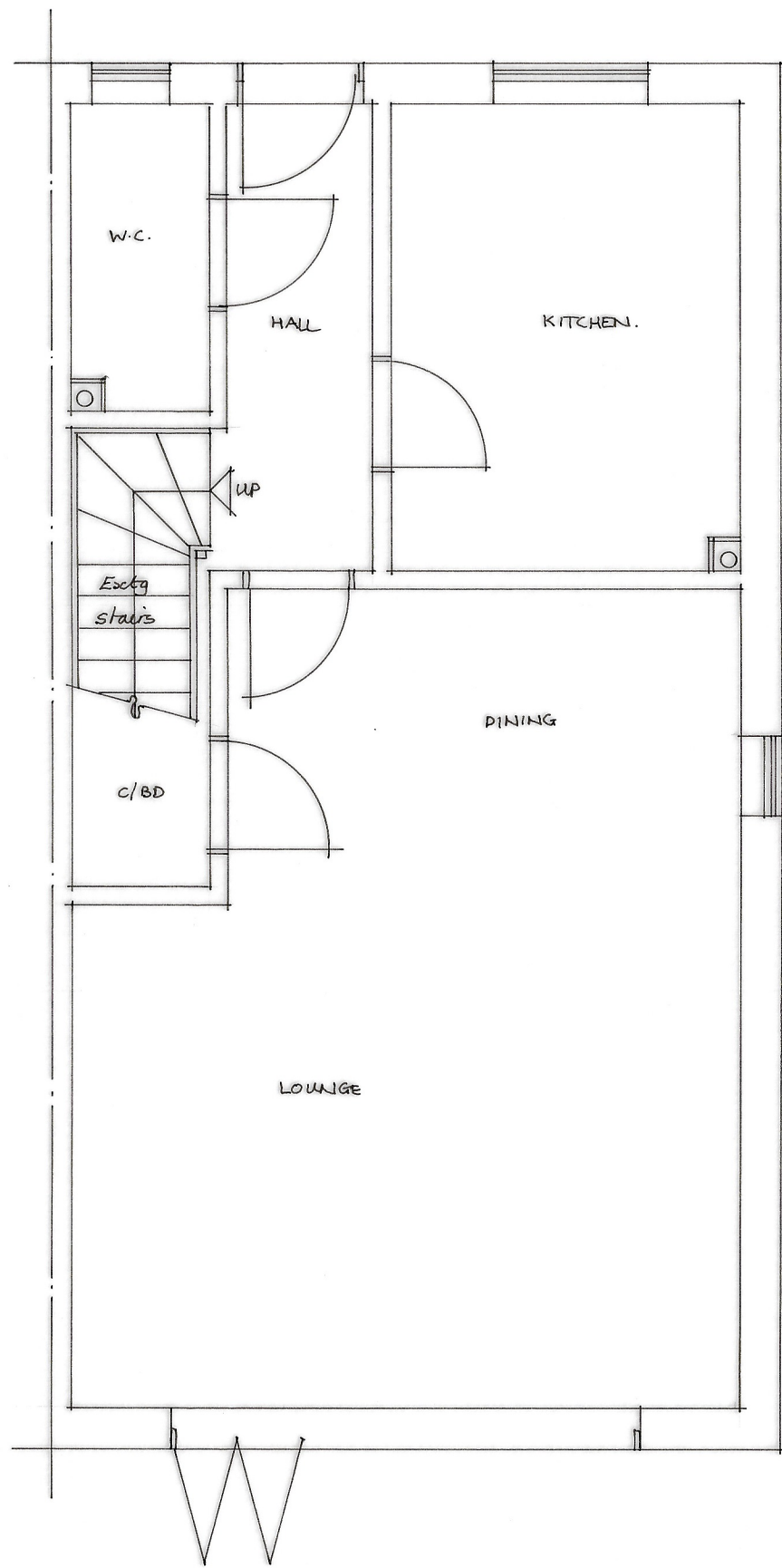
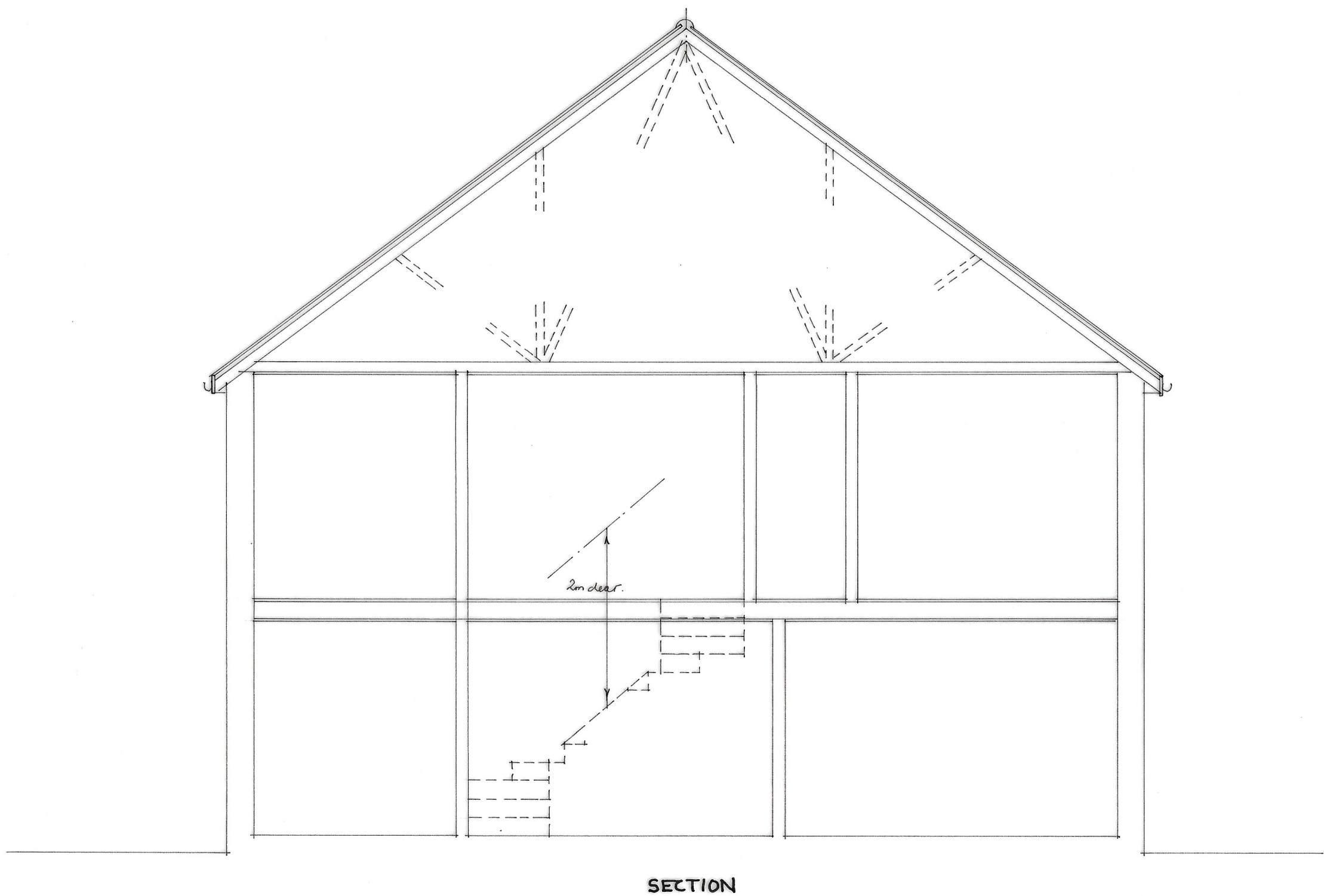




SPECIFICATION

DORMER ROOF CONSTRUCTION (U=0.15W/m²K)
12.5mm chippings on 3 layers bituminous felt on 18mm plywood on 50x50 s.w. battens across fixings (1 in 40) on s.w. joists @ 400mm c/s. 80mm Celotex / Kingspan PIR insulation between and 50mm Actis Hybrid insulation / vapour barrier across underside of joists. Fixed with 38x25mm counter battens @ 600 c/s with 12.5mm duplex Plasterboard & 5mm plaster skim ceiling.

DORMER CHEEK CONSTRUCTION (U=0.18W/m²K)
(Half hour fire resistant from both sides). Vertical tile/slate hanging to match existing on s.w. battens on building paper over 12.5mm plywood bracing (9mm masonboard within 1m of boundary) on 180x50mm studs @ 400mm c/s (cross braced). 80mm Celotex / Kingspan PIR insulation between studs and 50mm Actis Hybrid insulation/vapour barrier across inside of studs fixed with 38x25mm counter battens @ 600 c/s with 12.5mm duplex plasterboard & 5mm skim ceiling.

STAIRCASE

Rise=200mm, Going=225mm, Tread=250mm, Pitch=42, 2m clear Headroom. 900mm handrail, 900mm balustrade housed into newels or returned to adjacent wall. (100mm max gaps to risers & handrails). Artificial lighting with 2 way switch top and bottom. Any tapered Treads to comply with Part K. 50mm min going.

HALF HOUR PARTITION AROUND NEW STAIRCASE

75x50mm studding with 12.5mm duplex plasterboard & 5mm skim to both sides to give full half hour fire resistance.

FIRE REGULATIONS

All doors at ground and first floor off staircase enclosure to be ½ hour fire resistant (FD30S). Any glazing to be wired glass (max 0.36m² area). Steel beams to be encased in 2 layers of 12.5mm plasterboard (staggered joints) to give full half hour fire resistance. Timber beams have half hour fire resistance to BS5268 part 4 section 41 1078 (sacrificial design method).

WINDOWS & ESCAPE WINDOWS

Escape window to be 750x450mm min clear opening (min 0.33m² Opening area) max 1.1m above floor level. All new windows and Rooflights to be double glazed with min 16mm gap, low E glass N=0.15 for windows, n=0.05 for rooflights. Windows to achieve Purge ventilation rate of not less than 1/20th of floor area. Window U-Value to achieve min 1.4W/m²K

STRUCTURAL

Multiple timber trimmers to be bolted together @ 600mm c/s using M12 bolts and 64mm dia tooth plate connectors.

VENTILATION

Provide 8000mm background Ventilation to new habitable rooms and 5000mm to new bathroom/En-suites areas. New windows and French doors to achieve a purge ventilation rate of not less than 1/20th of the new floor area.

SMOKE DETECTORS

⊕ Denotes heat detector. ⊙ Denotes mains wired interconnected smoke detectors with battery back up to BS5839:6:2004.

LIGHTING AND HEATING

Three in four lights to be energy efficient type. Extend existing Heating system to new rooms with zone and boiler interlock controls (Thermostatic Valves).

ELECTRICAL

All new electrical work to be in accordance with Part P "Competant Person Scheme" to BS7671. Certification to be provided upon completion.

PROJECT

Formation of habitable rooms in roofspace with front and rear velux rooflights.

CLIENT

Mr. L. Trafford,
60, Putterick Way,
Billingshurst,
West Sussex,
RH14 9ZJ.

EXISTING PLANS.

SCALE 1:50 & 1:100

DATE 7.2.2026

DRAWN BY N.W. Juby

CONTRACT No. INT 1066.

NOTE :- DO NOT SCALE OFF
PLANS AS ACTUAL SIZES
ON SITE MAY VARY SLIGHTLY

COUNCIL Horsham D.C.
01403 - 215100

FEET 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
METRES 1 2 3 4