

SPECIFICATION

DORMER ROOF CONSTRUCTION (U=0.15W/m²K)
 12.5mm chippings on 3 layers bituminous felt on 50 x 50 s.w. battens across firrings (1 in 40) on 18mm plywood on 50 x 50 s.w. joists @ 400mm c/s. 100mm Celotex insulation and 30mm Actis Uplift II Control insulation/vaour barrier across underside of joists, fixed with 36x2.5mm 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 on 12.5mm plywood bracing (9mm masterboard within 1m of boundary) on 100x50mm studs @ 400mm c/s (cross braced). 70mm Celotex insulation between studs and 30mm Actis Uplift II Control insulation/vaour barrier across underside of studs fixed with 36x2.5mm 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 & ELEMENTS OF STRUCTURE
 All doors, windows and fire doors to be of 30 minute fire resistance to be ½ hour fire resistance. FD203 with 30m fire doors, and intermediate fire (FD10) built into other doors or door frames. Any glazing to be wired glass (max 0.36m area). Timber beams have half hour fire resistance to BS5268 part 4 section 41 10/8 (sacrificial design method).

WINDOWS & ESCAPE WINDOWS
 Escape window to be 750x650mm min clear opening (min 0.33m Opening area) max 1.1m above floor level. All new windows and Roof-lights to be double glazed with min 16mm gap, low E glass N=0.15 for windows, N=0.05 for roof-lights. Windows to achieve Purge Ventilation rate of not less than 1/20th of floor area. Window U-Value to achieve min 1.4W/m².

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
 SMD2000. 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 "Competent Person Scheme" to BS7671. Certification to be provided upon completion.

EXISTING DOORS
 Existing doors are to be checked on site, and assessed by the on site Building Inspector to assess their ability to be used in conjunction with the proposed Smoke Alarm system. If doors are found to be unsatisfactory, they are to be upgraded to full FD30S compliance.

PROJECT
Formation of habitable room in roofspace with rear dormers.

CLIENT

Mrs. Tocose,
 53, Hawlock Road,
 Wokingham,
 RG 41 2XU.

EXISTING PLANS.

SCALE 1:50 & 1:100 DATE DEC 2025

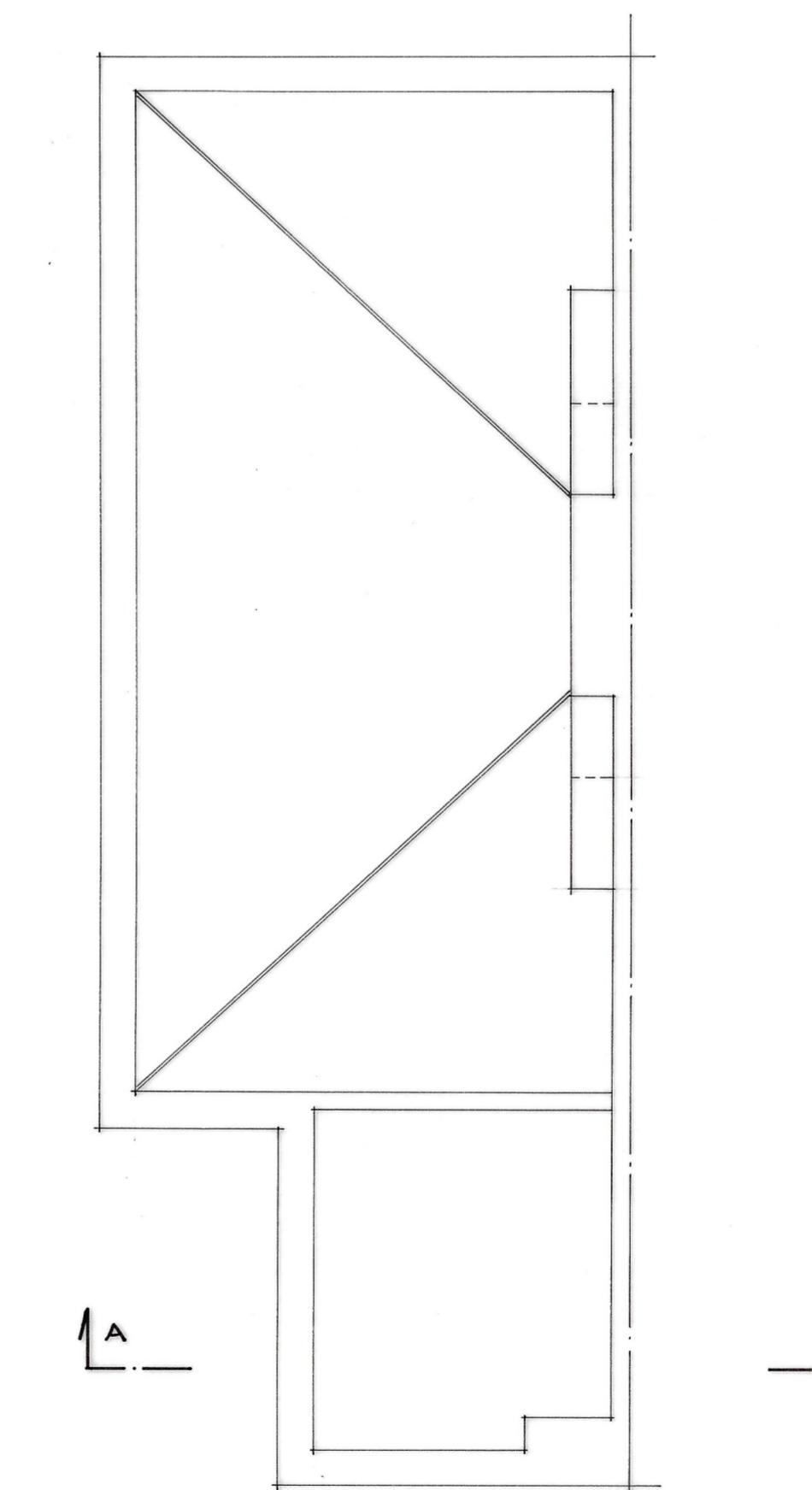
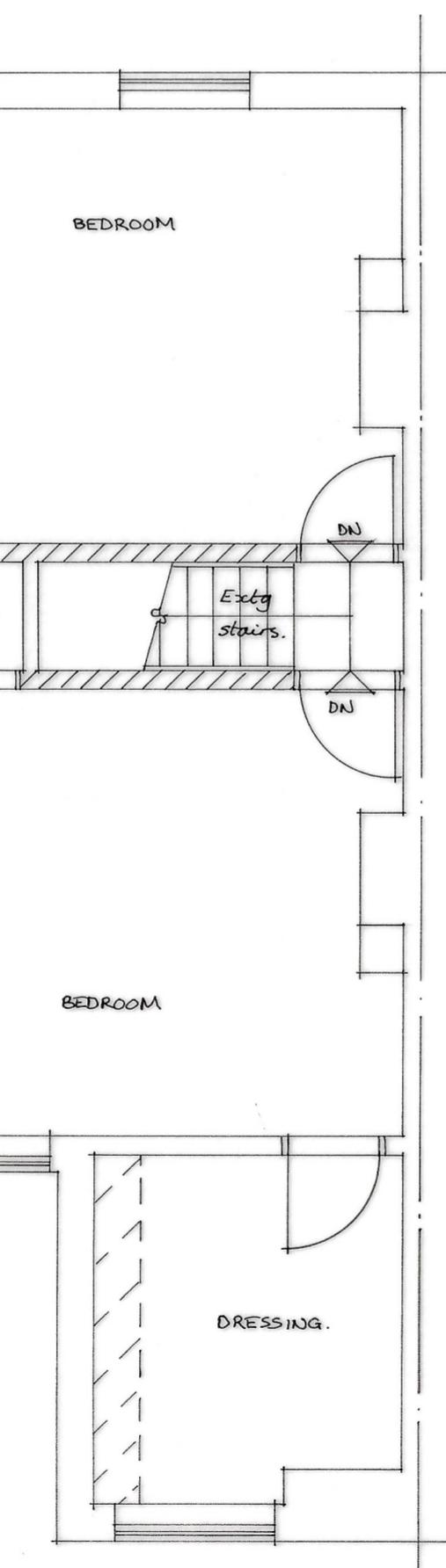
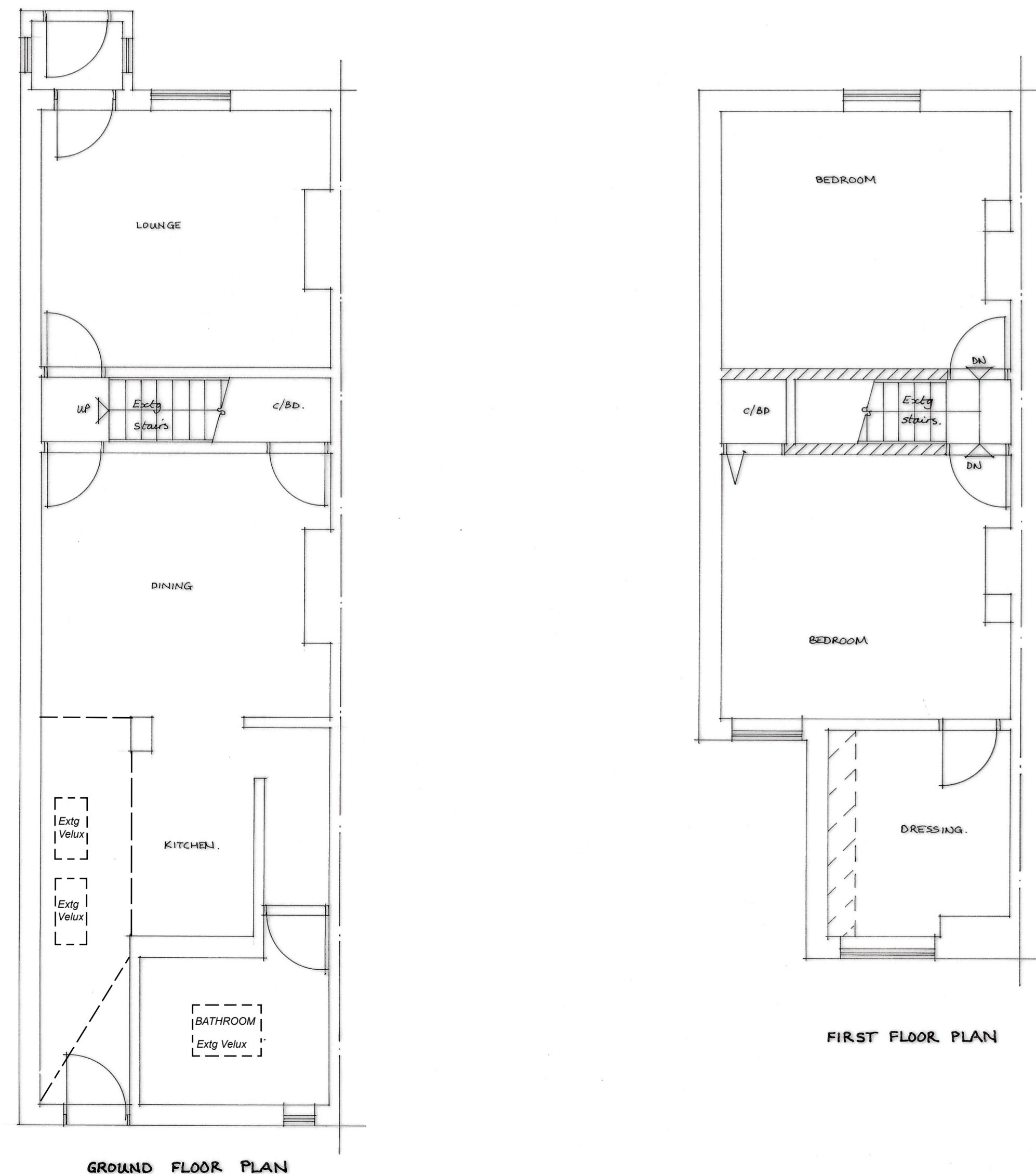
DRAWN BY *AS-J* CONTRACT No.

THE ACCURACY OF THIS DRAWING FOR FINISHED SIZES IS NOT GUARANTEED AS IT IS SUBJECT TO ON SITE LEVELS, THEREFORE IT DOES NOT FORM PART OF YOUR CONTRACT

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1:100 SCALE 0 1m 2m 3m 4m 5m 6m
 1:50 SCALE 0m 1m 2m 3m 4m 5m 6m
 COUNCIL



1:100 SCALE 0 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m 12m 13m 14m
 FEET 1 2 3 4 5 6 7 8 9 10 11 12 13 14
 METRES 1 2 3 4