

SECTION AA
Scale 1/100

Lantern Rooflight
Rooflight to be installed to manufacturers specification and guidelines. Engineer to confirm structural support required for rooflight.
Upstand for lantern to be constructed of 50 x 100mm timber, fully insulated between with skim finish. Contractor to ensure that lantern sits 150 mm above finished roof deck.

Flat Roof Construction
Flat roof to be constructed of Samafil single ply membrane or similar, to be installed by specialist to manufacturers specification on 22mm ply, on firing pieces to create fall of 1degree minimum, on 47 x 170mm C24 flat roof joists @ 400 ctrs. Insulate between with Eurothane GP 130mm, allowing 50mm air gap (including firings). Clad below with Eurothane GP 50mm and 12.5mm plasterboard with 3mm skim finish. (U-value achieves 0.19W/m2K)
Aluminium capping

Specialist to design and specify moulding and to be installed to manufacturers specifications

Cavity tray
IG L1/S 110 150mm
END BEARING EACH
END

Windows and Doors
All new windows and doors to be double glazed with (4:16:4) sealed units low 'E' glass and Argon filled air space. Windows and doors to be draught sealed. Window to achieve - 1.4 W/ m2K (Band C WER).

Glazing to all new windows below a level of 800mm above finished floor level and glazing to doors and side panels below a level of 1500mm above finished floor level up to 900mm wide shall be toughened glass to comply with BS 6206 Class C. Panes of glass wider than 900mm to comply with BS6206 Class B.

Internal double skin blockwork wall to be constructed on 450mm wide strip foundations. Each side to be clad with 12.5 mm plasterboard and 3mm skim finish. Contractor to allow for fireline board on one side for potential installation of woodburner in the future.

Internal floor finish to line through with existing. Contractor to assess/calculate on site prior to any works commencing.

Damp Proof Course to be 150mm minimum above ground level.

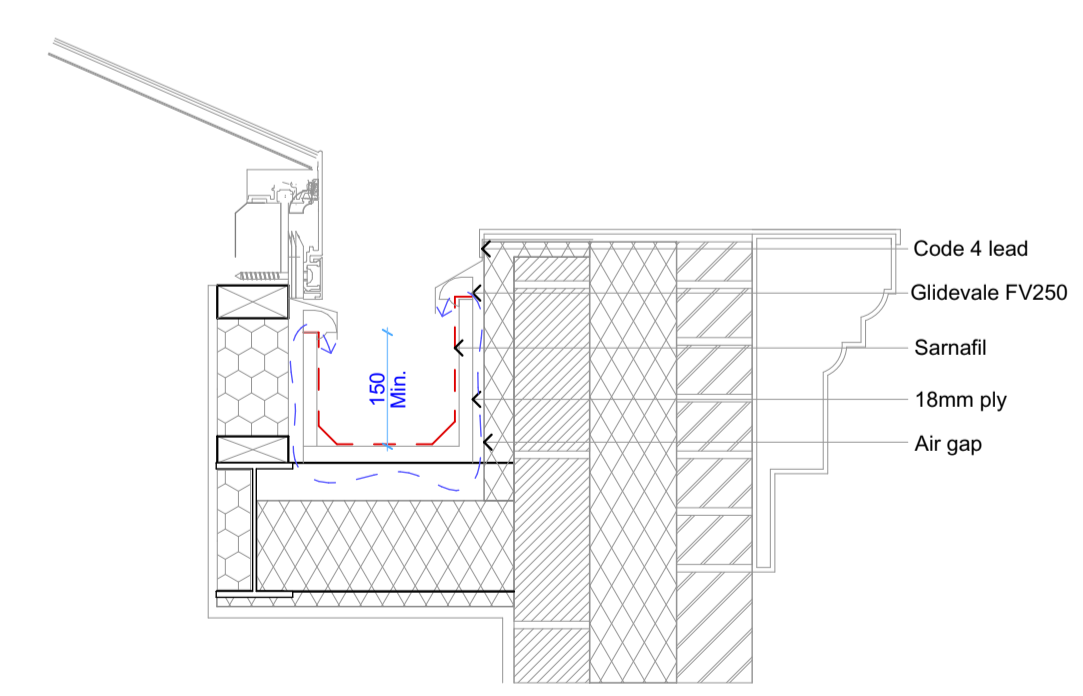
25mm perimeter insulation

Concrete backfill

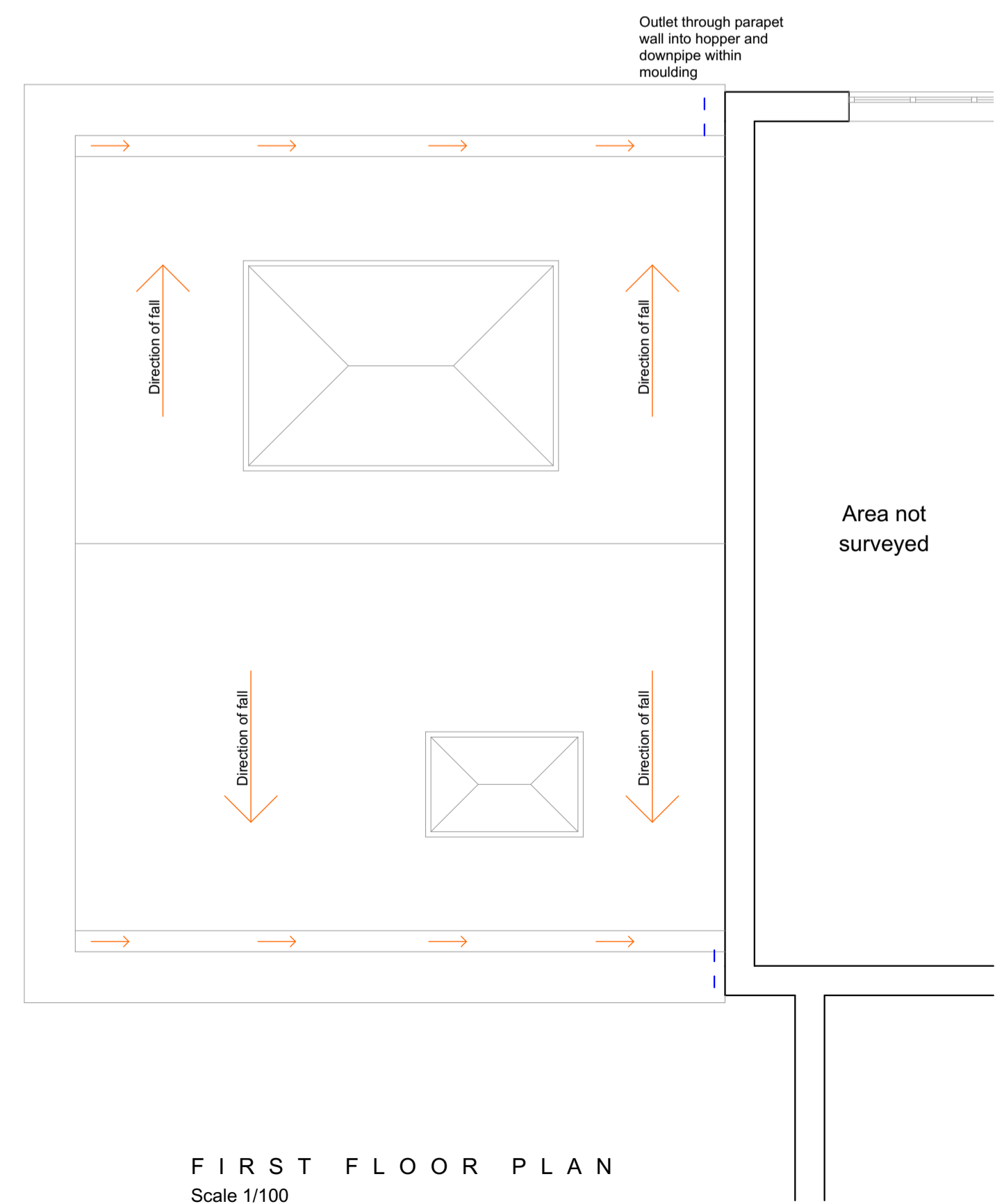
Foundations
600mm wide strip foundations for 315mm wall, Gen 1 mix at depth to suit ground conditions & agreed on site by Local Authority.

Note:
Foundation depth to not exceed existing, connecting to existing using starter bars. To be checked on site prior to commencement of work.

Ground Floor Construction
At formation level treat exposed soil with weed killer
150mm well consolidated hardcore,
25mm sand blinding,
1200 gauge damp proofing membrane,
100mm GEN 1 Mix oversite slab,
100mm thick Celotex GA4000 floor insulation
500 gauge damp proof membrane
65mm thick sand and cement screed
Electric underfloor heating by specialists to be installed in dining area only (0.18 W/m2K)



DETAIL 01
Lantern and Parapet wall ventilation abutment detail
Scale 1/10



FIRST FLOOR PLAN
Scale 1/100

Amendments:	Date:	Rev:
Dimensions added	25.04.2023	A
Redesign as per clients comments	22.05.2023	B



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All dimensions are to be checked on site and the Architect is to be notified of any discrepancies. Written dimensions are to be followed in preference to scaled dimensions. This drawing is copyright and may not be reproduced without the written consent of SMG Architects.

Job Title
Extension and alterations at Clematis House, Sandy Lane, Ayimerton, NR11 8QE
Client

Mr & Mrs Hobart

Dwg. Title

Building Regulation Drawings - Scale as shown at A1			
Job No.	Drawn by	Checked by	
23.5102.004	RC	SS	
Dwg. No.	Rev	Date	
BR02	B	19.04.2023	