

Drawings to be read in conjunction with accompanying Architectural drawings/ outline specifications, Structural Engineer's drawings and Calculations issued for building regulation purposes only.

Do not scale off drawings, figured dimensions to be checked and confirmed on site prior to carrying out items of work.

Flat Roof: Warm Roof Construction U-value 0.18

External thermal insulated cavity walls U-value 2.8

Double glazed argon filled/trickle vented uPVC windows U-value 0.16

Beam and Block flooring to extension thermal insulated (with underfloor heating) and ground bearing insulated rc slab U-value 0.22. Mass concrete foundation (2x0.6)m

Ground and first floor glazing to conform to Part Q

Ground floor full height glazing to conform to BS 6262 and BS 6206/ EN 12600

- Electrical fittings to conform to Part P of the approved documents.
- Extension Enclosure - Cavity wall with 100mm full-fill thermal insulated Masonry wall, with cavity closer around window and door structural openings. Provide Plasterboard on dot and dab adhesive To achieve a maximum U-value of 0.28W/m2K
 - 92mm Insulated plasterboard on dot and dab adhesive fixed to masonry wall to converted garage boundary wall. Also see outline specification sheets
 - Existing/Retained Construction - External walls are all Cavity walls with batt insulation blown into cavity
 - Demolition works.
 - Smoke Sensors on fusable links.
 - Heat/Carbon Monoxide Sensor

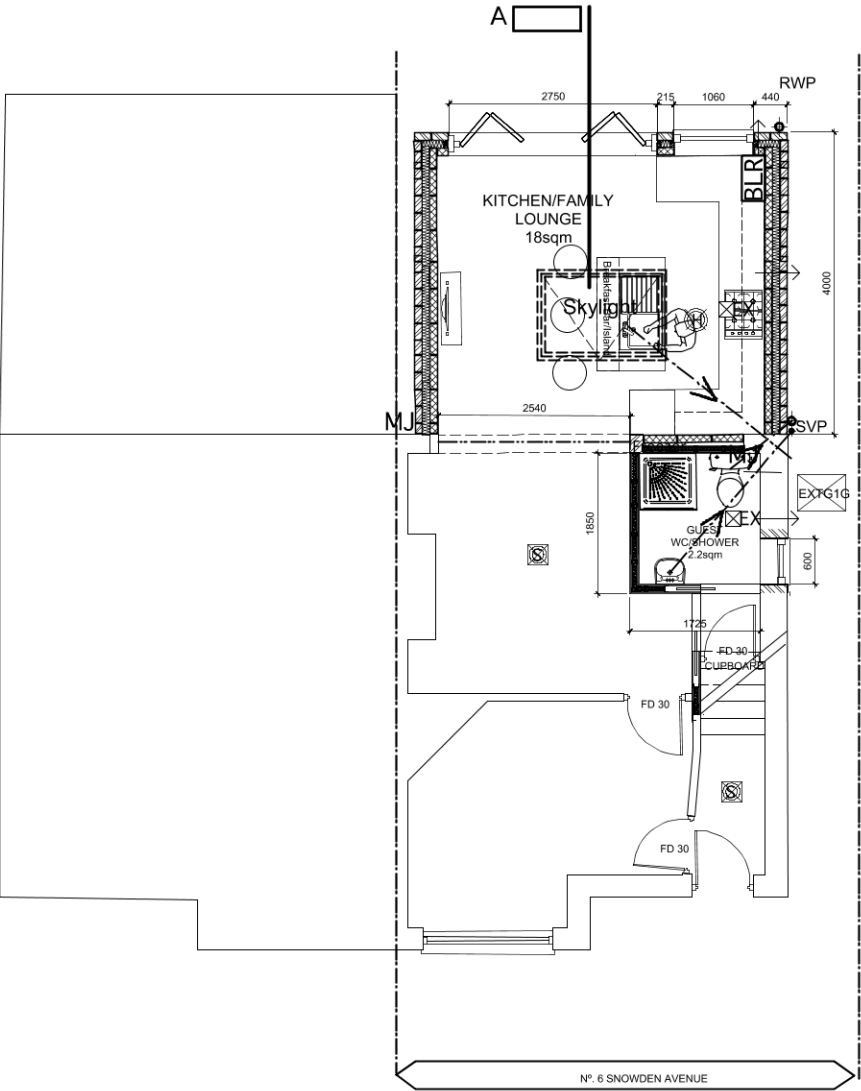
General notes:

Do Not Scale. All dimensions and conditions are to be checked on site prior to preparing drawings or commencing any work.

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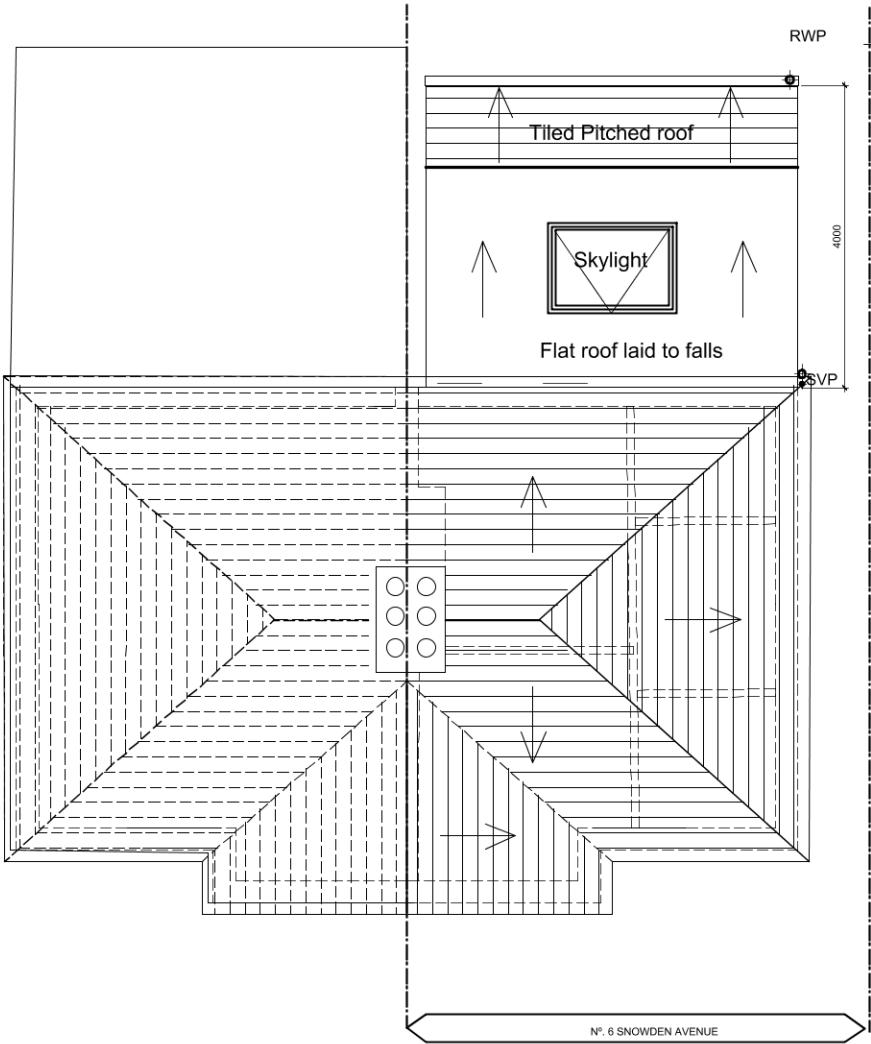
- FD30 Half hr firerated flush door assembly including fitted continious colour coordinated intumescent (15mmx4mm exforliating graphite/map for hinges, latch & lock protection) strips, with fire check doorstop, 38x25mm and fire rated furniture (hinges, locks latches etc). (all BWF CE marked Certifire scheme manufacturer cert of approval no. CAF, BS EN 1634-1:2014 and BSEN 13501 Certified).
- MJ Movement Joint: Provide stainless steel channel fixed to wall and install dove tail slats at 450mm centres between masonry mortar joints. on external face provide backer rods to 15mm gaps and seal off with external grade mastic sealant. Also see starter wall detail on structural engineer's detail drawing sheet 191111-004
- BLR High efficiency condensing combi boiler unit. Class A in accordance with SEBUK requirements
- EX Extractor fan kitchen = 60 sqm/sec, for Bathroom and Utilityroom = 30sqm/sec

- Existing Escape route.
- Storm Drainage
- New Drainage runs
- IC01 Inspection Chamber - New Chambers
- EXTG16 Inspection Chamber - Existing to to be retained.
- Low energy luminaires to rear extension and rest of open plan area.



PROPOSED PLANS

PROPOSED GROUND FLO PLAN



Rev A - Extension reduced from 4.5m to 4m - 24/02/2020

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							Drawn by	Checked by	Scale 1:100@A3	Revision A	Date February 2020	