



NEW flat roof extension to provide NEW shower room / WC and extended bedroom space.

**Drainage:**  
 Waste Pipe sizes: 32mm dia. to WHB (over 1.7m run increase to 40mm dia.) 40mm dia. to bath, shower and sink (over 3.0m run increase to 50mm dia.)  
 Deep seal anti-siphon traps to the above. 100mm dia. to WC pan.  
 Surface water drainage: 100mm Hepworth or Osma bedded and surrounded in granular fill, to min fall 1 in 40. New soakways dug to comply with part H. Excavate for and locate existing foul drain runs, establish invert. Lay new drains to serve wet room to satisfaction of BCO.

Extend existing mains smoke detection (SD) system to new Bedroom. Provide new SD device as Approved Document B7 BS\_EN\_14604.

NEW Inspection Chamber

NEW Sub stack and proportional drainage installation back to mains sewer - location of covers to be confirmed with BCO.

NEW A&W Tuff Form wet floor former 1500x820 with full height curtains. NEW A&W advance extra long river rail & hose.

NEW Shower Room  
 NEW Altro Aquarius non slip flooring

Roof Light

NEW level threshold patio door to garden

Remove window - Form new 25m lined to support structure.

Form NEW door opening to provide access to Bedroom / Shower / WC facilities

Relocate Radiator to clear wall space.

Form NEW sliding door to provide access to Bedroom / Shower / WC facilities.

**Floor Coverings:**  
 Throughout the shower room, lay 2mm thick Altro Aquarius High Performance Safety Flooring with all welded seams, all in accordance with the manufacturer's instructions and recommendations. Apply Altrofix 19 Plus solvent and water-free polyurethane adhesive or similar approved product. Using proprietary plastic coving as formers, the Altro flooring is to be dressed 150mm up the face of the walls to form a skirting.

**Electrical:**  
 All new electrical work is to be carried out in accordance with part P of the current building Regulations and this work should only be undertaken by approved NICEIC contractors. Allow and include for energy efficient light fittings throughout - all to comply with part L1A of the current B. Regs.

**Ventilation:**  
 Provide and install in accordance with the manufacturer's instructions and recommendations, a mechanical system capable of meeting the current Building Regulation standard of 15 litres per second (minimum); i.e. Vent-Axial Silhouette or 12V Envirovent Humidistat (filterless FH12S SELV) or Silent 100 CHZ Humidistat / fan unit with a ventilator / fan unit with a ball-bearing motor and fitted with standard thermal overload protection, with 13A fused switch spur, labelled to indicate extract fan (spur to be located in agreed position). The fan must be DEMCO approved. Commissioning certificate to be provided prior to completion.

**NEW WINDOWS:**  
 Provide and install fully weather striped draught sealed; PVC-U white; double glazed window, obscured glass, to FENSA Standards, U-value 1.6W/m<sup>2</sup>. Minimum 10 years guarantee, internal glazing beads and locking handles.  
 New Window to fit sill height: 1425mm approx. (component size to be agreed and confirmed on site), top hung and side hung opening lights, 5000 sqmm trickle ventilator(s). Lockable handles.  
 Supply and fit 20mm thick white bull nosed PVC-U window board.

**NEW EXTERNAL DOOR:**  
 Provide and install fully weather striped draught sealed double glazed white PVC-U framed 2XG pattern level threshold external double door, clear opening TBG, with top glazed panels and bottom insulation panels/ side lights, minimum 10 years guarantee, internal glazing beads and locking handles.

**Heating:**  
 Existing central heating system to be extended into new extension. Include for TRVs to new radiators. Ensure hot water installation follows the guidance as set out in Document G of the current Building Regulations.

Do not scale from drawing - written dimensions only to be used.

Drawing to be read in conjunction with the specification.

Please be advised that this drawing remains the intellectual property of Stroud District Council.

client Miss Daisy-Mai Painter			
project 28 Draycott Crescent, Cam GL11 5LN			
drawing PROPOSED PLAN B			
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