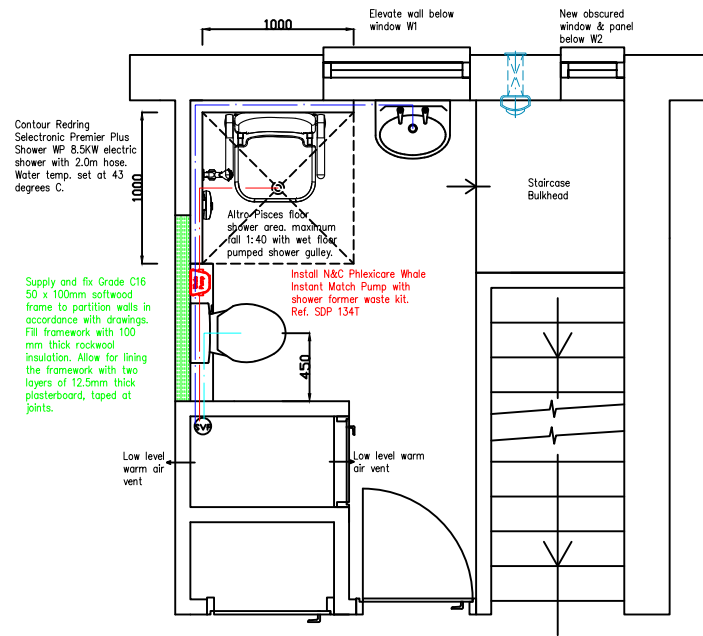


EXISTING BATHROOM



PROPOSED WETROOM

See Specification for further details.

**ELECTRICAL**  
All electrical work required to meet the requirements of Part P (electrical safety) must be designed, installed, inspected and tested by a competent person registered under a competent person self certification scheme such as BRE certification Ltd, BSI, NICEIC Certification Services or Zurich Ltd. An appropriate BS7671 Electrical Installation Certificate is to be issued for the work by a person competent to do so. A copy of a certificate will be given to Building Control on completion.

**ABOVE GROUND DRAINAGE**  
All new above ground drainage and plumbing to comply with BS EN 12056-2 for sanitary pipework. All drainage to be in accordance with Part H of the Building Regulations. Wastes to have 75mm deep anti-vac bottle traps and rodding eyes to be provided at changes of direction.

**EXTRACT FOR SHOWER ROOM**  
Provide mechanical extract ventilation to shower room ducted to external air capable of extracting at a rate of not less than 15 l/s. Vent to be connected to light switch and to have 15 minute over run if no window in the room. Internal doors should be provided with a 10mm gap below the door to aid air circulation. Ventilation provision in accordance with the Domestic Ventilation Compliance Guide. Intermittent extract fans to BS EN 13141-4. All fixed mechanical ventilation systems, where they can be tested and adjusted, shall be commissioned and a commissioning notice given to the Building Control Body.

**MATERIALS AND WORKMANSHIP**  
All works are to be carried out in a workmanlike manner. All materials and workmanship must comply with Regulation 7 of the Building Regulations, all relevant British Standards, European Standards, Agreement Certificates, Product Certification of Schemes (Kite Marks) etc. Products conforming to a European technical standard or harmonised European product should have a CE marking.

**PIPEWORK THROUGH WALLS**  
Where new pipework passes through external walls the pipework is to be provided with rocker pipes at a distance of 150mm either side of the wall face. The rocker pipes must have flexible joints and be a maximum length of 600mm.

**NEW AND REPLACEMENT WINDOWS**  
New and replacement windows to be double glazed with 16-20mm argon gap and soft coat low-E glass. Window Energy Rating to be Band B or better and to achieve U-value of 1.4 W/m<sup>2</sup>K. The door and window openings should be limited to 25% of the extension floor area plus the area of any existing openings covered by the extension. Insulated plasterboard to be used in reveals to abut jambs and to be considered within reveal soffits. Fully insulated and continuous cavity closers to be used around reveals. Windows and door frames to be taped to surrounding openings using air sealing tape. Windows to be fitted with trickle vents to provide adequate background ventilation in accordance with Approved Document F.

**FULL FILL CAVITY WALL WITH INTERNAL INSULATION**  
To achieve minimum U Value of 0.18 W/m<sup>2</sup>K  
New cavity wall to comprise of 103mm suitable facing brick. Inner leaf constructed using 100mm lightweight block, 0.15 W/m<sup>2</sup>K e.g. Celcon solar, Thermalite turbo. Full fill the cavity with Rockwool Cavity insulation as manufacturer's details and provide additional 62.5mm PIR insulated plasterboard internally, e.g. Celotex PL4000, fixed using dot and dab method or battens. Finish with plaster skim. Walls to be built with 1:1:6 cement mortar. VCL to be provided under insulated plasterboard if required by BCO.



SCALE BAR: 1:50 @A3

REV	DATE	DESC	BY
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Harlow Council  
The Water Gardens  
Harlow  
Essex CM20 1WG  
T: (01279) 446993

client: Harlow District Council

project: 159 Peterswood,  
Harlow, Essex

title: Existing & Proposed Plans  
-Providing Level access shower

Drawn By	scale	
-A. Demetrius	-1:50	
Date	project/drawing no.	rev
13/03/2024	HC /159PW - 3	-