

**GROUND FLOOR SLAB CONSTRUCTION 0.22 U VALUE MINIMUM**

75mm Screed/cement screed with galvanised wire mesh, 500 gauge visqueen DPM  
 150mm Celotex insulation with 25mm Perimeter insulation, 1200 gauge Visqueen DPM lapped to DPC. on RC box designed by structural engineer

**Windows 1.6w/M2k U Value Minimum**

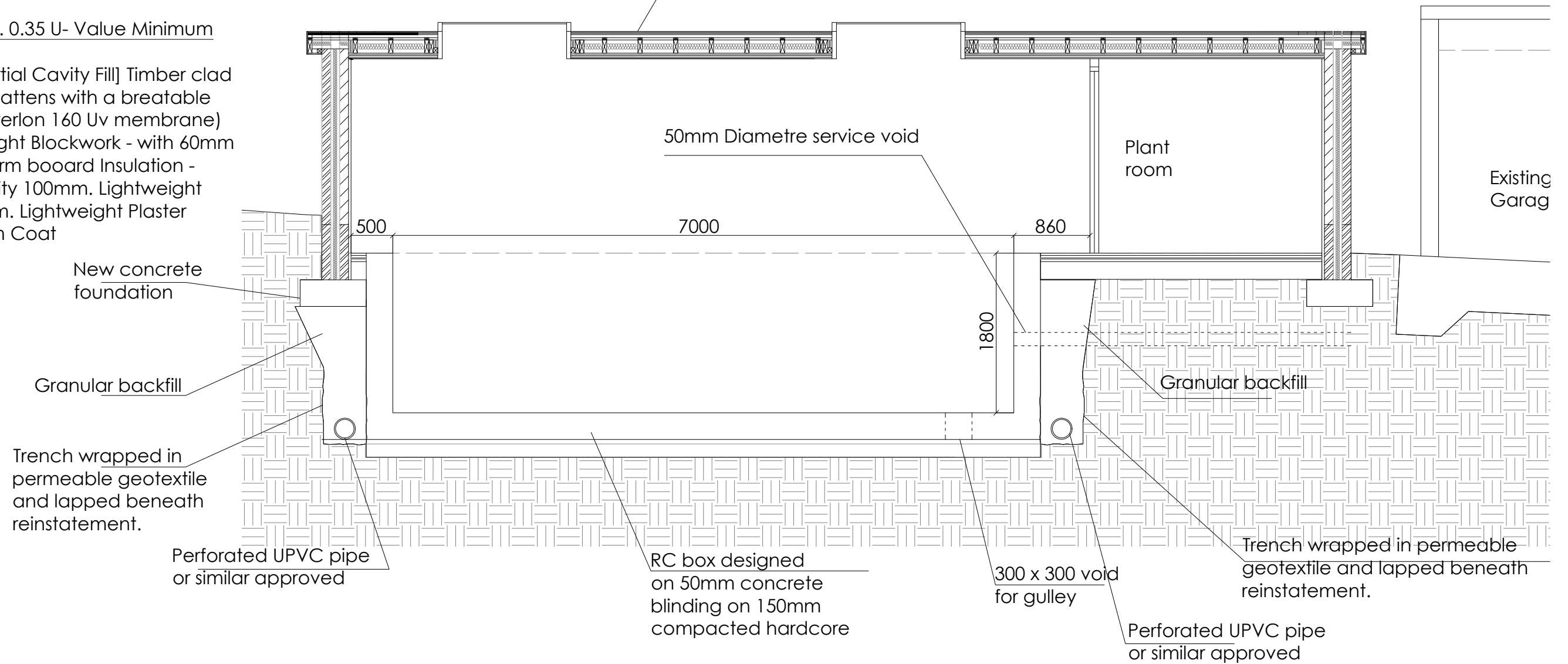
New Low-E double glazed uPVC windows to match windows on rear elevation. Min. 16mm air space between glazing panels. Unit to have integral trickle vent equal to 4000mm

**Wall Construction. 0.35 U- Value Minimum**

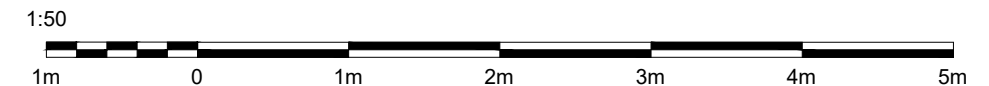
**Cavity Wall**  
 Construction [Partial Cavity Fill] Timber clad finish on timber battens with a breathable membrane (powerlon 160 Uv membrane) 100mm. Lightweight Blockwork - with 60mm Kingspan koollherm board Insulation - 50mm Clear cavity 100mm. Lightweight Blockwork - 13mm. Lightweight Plaster +2mm. Finish Skim Coat

**FLAT ROOF CONSTRUCTION. [WARM DECK] 0.18 U VALUE**

Mineral spar chippings on 3 layers roofing felt on 126mm celotex td4000 tempchcek-deck (prodect code td4126 u value 0, 18)[insulationi or equal] on 12mm marine plywood deck on tilting limber fillets on 200 x 50 C24 timber flat roof joists at 400 centres on moisture barrier on 12.5mm thick foil backed plaster board - fully taped joints + 2.5mm. finish skim coat



**PROPOSED SECTION AA**  
 1:50



**GENERAL NOTES**

1. Details dimensions and levels to be checked on site by builder prior to commencement of works. Any works commenced prior to all necessary local authority approvals are entirely at the risk of the owner & builder.
2. Structural details are subject to exposure of existing construction and verification by L.A Surveyor and any necessary revised details are to be agreed with the L.A Surveyor prior to carrying out the affected works.
3. All materials are to be used in accordance with the manufacturers' guidelines and all relevant British Standards Codes of Practice & Regulation 7 of Building Regs.
4. All works are to be carried out in accordance with Local Authority requirements.
5. The intended works fall within the Party Wall Act 1996 and any adjoining owners affected must be notified prior to commencement of any works.
6. Thames Water Authority permission to be obtained if building over or adjacent to sewers within 3 metres. (Tel: 08459 200 800)

SITE: 9 South Drive Cuffley Potters Bar EN6 4HP

PROJECT: NEW SWIMMING POOL AND SINGLE STOREY POOL HOUSE ENCLOSURE OUTBUILDING

TITLE: PROPOSED SECTION AA

THE ALPHA STUDIOS  
 10 THE LINK ENFIELD LONDON EN3 5HU



DRAWN BY:  
 SP

CHECKED BY:  
 SP

DATE:  
 June 2023

PROJECT NO:  
 230324

DRAWING NO:  
 05

REVISION:  
 -

SCALE:  
 1:50

SHEET SIZE:  
 A3