



Proposed Ground Floor Plan
Scale 1:50

S.D
• Denotes New smoke detection system in Porch, to be mains connected and have battery back up. All smoke detectors to be interconnected, to be at least 300mm from a wall or light fitting. At least 300mm away from, and not directly above a heater or air conditioning outlet see floor plans for locations.

1. Electrical :-
All electrical works to be carried out in accordance with part 4.5 of the current Technical Handbook BS 7671:2018 and current I.E.T. Regulations.

2. External Boundary wall :- External Wall Construction to be render as existing 100mm Thermalite Block, 50mm Cavity, breather membrane on 9mm OSB Sheathing on, 145x45 Timber Studs at 600mm crs with 120mm Celotex Insulation Between Studs and 25mm Celotex Insulation to room side of stud with vapour barrier to internal Surface with 1 layer of 15mm thk Fireline P/Board on inside of wall and Skim-Coat Plaster Finish to Achieve a Thermal Value of 0.17 WM2.K

3. Roofs :- to give 0.12 'U' value (as noted)
Walls :- to give 0.17 'U' value (as noted)
Floors :- to give 0.15 'U' value (as noted)

4. 22mm T&G chipboard flooring on joists 400mm crs with 10mm Celotex insulation in between joists, min 150mm air gap
100mm Concrete Slab on 1200 gauge visqueen as DPM on 50mm Sand on 150mm well blinded hardcore to achieve a 'U'Value of 0.15W/m²K

5. anchors to roof :- ends as noted on section 1st three joists parallel to end walls anchored at 1000mm crs. with 30x6mm th. anchors

All ceiling recessed lighting to Porch to be fitted with Fire vapour & thermal Seal Loft caps 60min. fire rating or equal approved

Window/door specification:

New door and side glazing panels to comply with BS 6262: Pt.4:1 2005.
All glazing below 800mm high to be toughened safety glass.
All new windows to be 28mm double glazed pvc-u fitted with with double glazed units of Low Emissivity Pilkington 'E' glass, argon filled with a 20mm air gap within the sealed unit. Manufacturer of windows and doors to provide certification that 'U' value does not exceed 1.4 W/m² K.
All new windows and doors to be fitted with trickle vents (12000mm² min).

Level in existing House and New Porch to remain constant throughout

22mm T&G chipboard flooring on joists 400mm crs with 10mm Celotex insulation in between joists, min 150mm air gap
100mm Concrete Slab on 1200 gauge visqueen as DPM on 50mm Sand on 150mm well blinded hardcore
To Achieve a 'U'Value of 0.15W/m²K

Founds to be to 600 x 200 dp Grade B5N concrete

All glazing to comply with BS6262 : part 4 : 2005
Note:
All vegetable matter and any debris to be removed from site within area of proposed extension

All new doors and windows to be designed with security measures to resist forced entry to new doors and windows on plans i.e. secure by design certification, product accreditation to BS 7950 and PAS 23 & 24 or product standards and component performance i.e BS 7412 .

External Wall Construction below windows rendered as existing 100mm Block, 50mm Cavity, 9mm OSB Sheathing on, 145x45 Timber Studs at 600mm crs with 120 Celotex Insulation Between and 25mm Celotex to inside with plasterboard to internal Surface with Skim-Coat Plaster Finish to Achieve a Thermal Value of 0.17 WM2.K

New slabs to entrance with brck walls supported to act as Platt & Steps 3 No. Equal risers @ 138.33mm max & 250mm going

All new glazing to have a u-value of not exceeding 1.4W/m²K

All new doors and windows to be designed to resist forced entry and to be tested and certified such as PAS 24 :2007 for doorsets and for windows BS 7950 :1997

Rev	Description	Date
Capital Draughting Consultant's Ltd 40 Dinmont Drive Edinburgh EH16 5RR Email. cdc.ltd@sky.com Tel. 0131 666 1804 Mob. 07834156071		
Status Planning		
Project Title Proposed Front Porch at 12 Friarton Gardens Penicuik		
Client Mr R. Mills		
Drawing Title Proposed Ground Floor Plan		
Date Apr '24	Scale As Shown	
Drawn		
Drawing Number CDC/24/131/03		Rev.

This copy has been made by or with the authority of Midlothian Council pursuant to Section 47 of the Designs and Patents Act 1988. Unless that Act provides a relevant exception to copyright, the copy must not be copied without the prior permission of the copyright owner.