

External Windows & Doors

Existing windows in good condition to be maintained;
 Proposed new windows to be Nordal aluminium-clad double glazed units;
 Frames to be modern profile with timber finish internally;
 All glazing with any area within 800mm FFL to be laminated glass and to BS 1991-1-1 and PD6688-1-1 and to BS 6262, part 4, 2018;

All windows and external doors to be designed, constructed and installed to Section 2 of "Secured by Design" (SBD, 2024).

All new windows and door, reveals to be lined with 20mm rigid insulation. Any gaps to be filled with expanding foam type insulation;
 All existing window and door, reveals to be lined with 12mm rigid insulation.

Aluminium cills, fascias and flashings to be 3mm aluminium (unless otherwise noted)

Heating

Heating to be radiator system via air source heat pump;
 See locations on drawings - 586_BW_2.103 & 586_BW_2.105

Ventilation

See drawings 586_BW_1.103, 586_BW_2.103 & 586_BW_2.105

Fire

See drawings 586_BW_1.103, 586_BW_2.103 & 586_BW_2.105

Accessibility

Entrance door to have min. clear 800mm opening width and accessible threshold. All internal doors to have min 800mm clear opening width;
 External ground graded up to meet entrance paving; gradient to be no more than 1 in 20.

Electrical Installation

See drawings 586_BW_1.103, 586_BW_2.103 & 586_BW_2.105

Sanitary Pipework

To be in accordance with BS EN 12056-2: 2000;
 Access to be provided at the base of svp & trapped gullied to be provided at the base of each surface water down pipe

Rainwater Drainage

To be in accordance with BS EN 12056-3: 2000

Water

Water installation to comply fully with Scottish Water by-laws including all necessary inspections and approvals;
 All to comply with BS 6700 (services supplying water), BS 5372 (sanitary pipework) & BS 6465 part 1 (sanitary appliances);
 All hot water pipes to be insulated to comply with BS 5422: 2009;

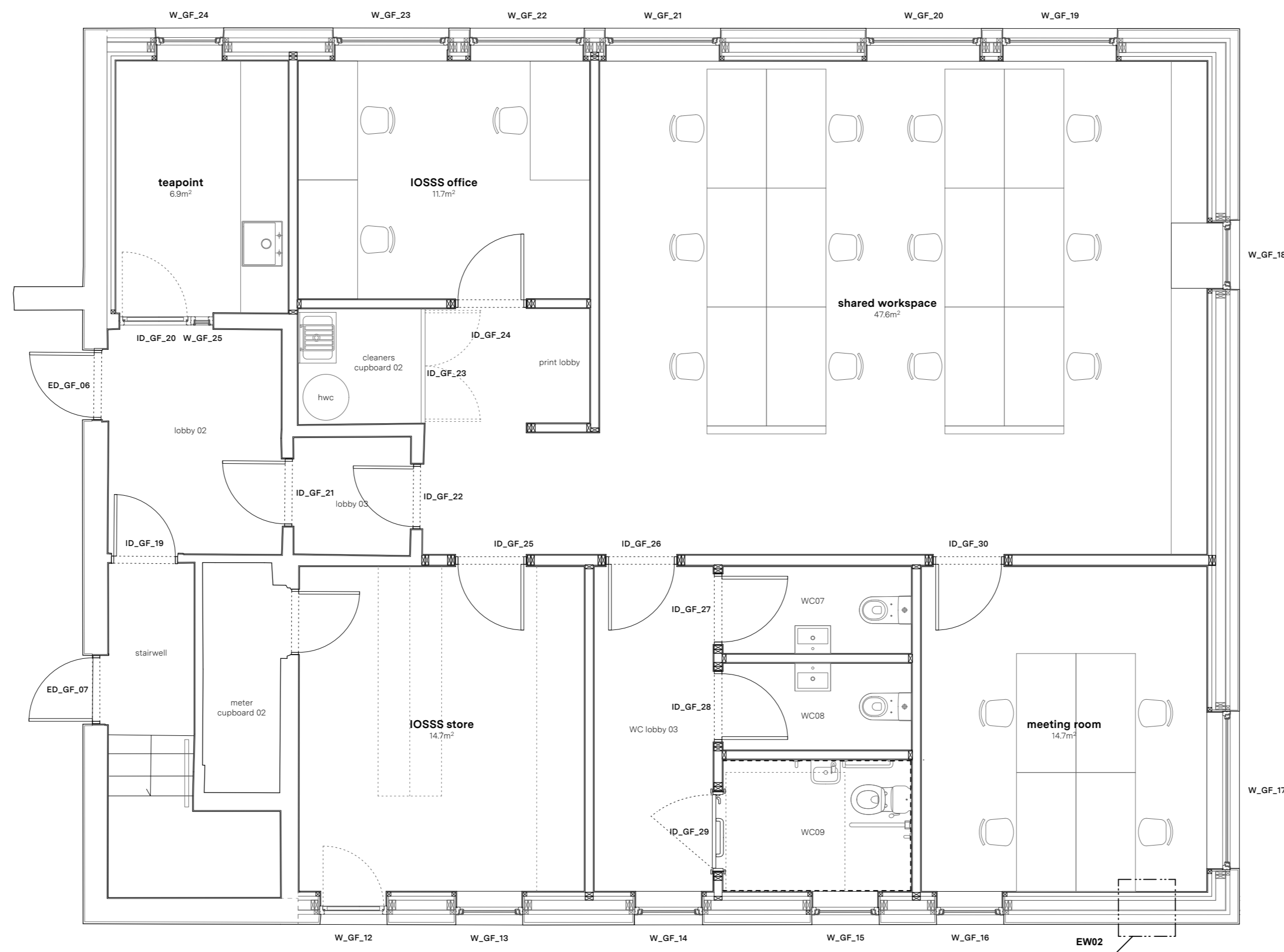
All showers to have accessible traps;
 All WCs to be dual flush w/ average volume <4litres;
 All WHBs to have a flow rate of <6litres/min;
 Access to be provided at the base of the SVP

Hot Water

Showers; to be cold fed to electric showers;
 Washbasins; hot water cylinder located in ceiling void to feed washbasins & sinks.

Robust Construction

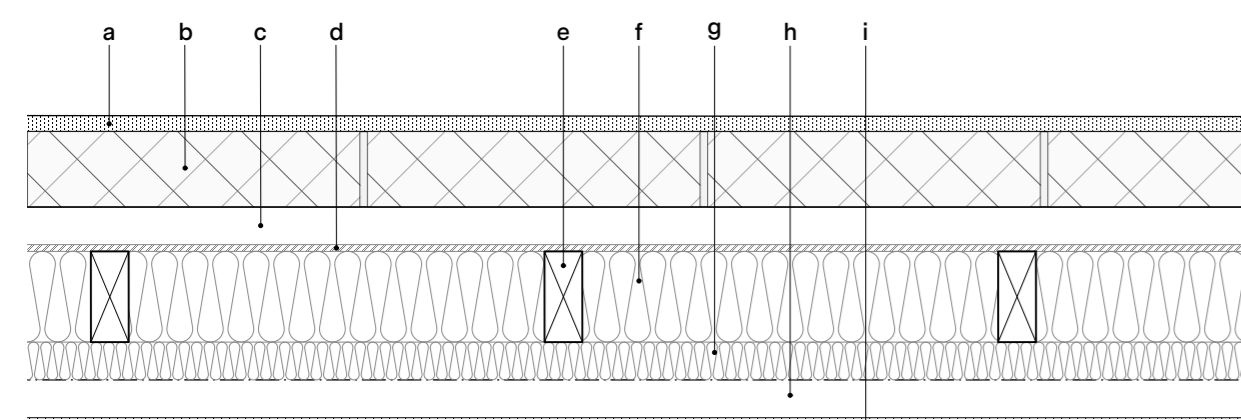
Walls in accessible sanitary facility to be lined with 18mm plywood to form robust construction, for secure fixing of grab rails or other aids. Locations shown dashed on plan.



BUILDING 2 / GROUND FLOOR / GENERAL ARRANGEMENT PLAN
 1:50@A1 / 1:100@A3

Detail EW02
 External Wall
 Render-on-Blockwork
 Plan // 1:10@A1 / 1:20@A3

- a existing render to blockwork approx. 20mm thk;
- b existing 100mm thk. blockwork;
- c 50mm free air cavity;
- d existing plywood sheathing approx 9mm thk;
- e existing 45x120mm thk. timber studs @ 400mm c/c;
- f existing 100mm thk. woodwool insulation;
- g 50mm thk. Quinn Therm QW rigid insulation to inside face of studs / boards but jointed w/ all joints taped w/ polypropylenetape to act as vapour barrier;
- h 45x45mm s/w treated horizontal battens to form service zone;
- i 12.5mm thk. plasterboard taped and filled



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Project:	Lonmore		
Client:	Durvegan Community Trust		
Drawing:	Building 2 - GA GF		
Scale:	1:50@A1	Drawn:	NU
Status:	Warrant	Checked:	SB
Drawing No:	586_BW_2.102	Date:	REV: