0m 1m 2m 3m 4m 5m 6m

SCALE BAR 1:50 @ A1

Ventilation

All habitable rooms to have rapid ventilation via windows/doors of an openable area of at least 1/20th of the floor area, part of the ventilation area is to be 1.75m above floor area.

Windows are to provide 4000 sq/mm minimum of background ventilation via controlled trickle vents in utility room, en suite and bedroom. All habitable rooms to acheive 8000 sq/mm. Alternatively the sum of all trickle vents must equal 6000 sq/mm as specified in Table 1 of approved document F1.

Electrical Installation.

All the electrical installation is to be in full accordance with BS 7671 and with the latest addition of IEE wiring regulations.part 'P' building regs, and should be carried out in accordance with current installation techniques applicable to the material and equipement being used.
Full completion certificates to be issued by a certified electrical engineer to be provided upon completion of the electrical installation.

Note that all wiring which is covered or surrounded with thermal insulation to be de-rated in accordance with Appendix A of BRE 'Thermal isulation'; avoiding risks 2002 edition.

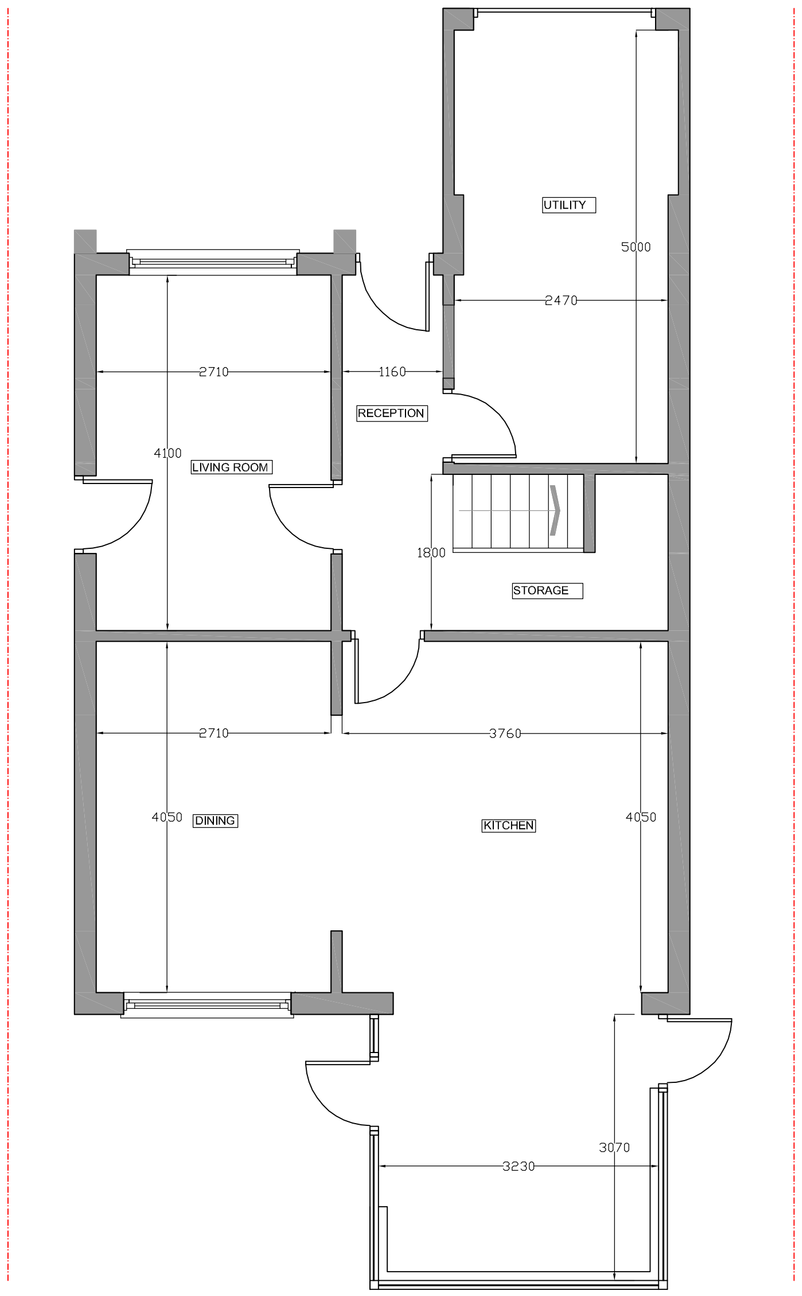
All downlighters in ceiling voids are to be fitted with intumescent covers to maintain half hour fire resistance.

All light switches are to be fitted 1200mm from finished floor level and all switched outlets to be fitted 450mm above finished floor levels.

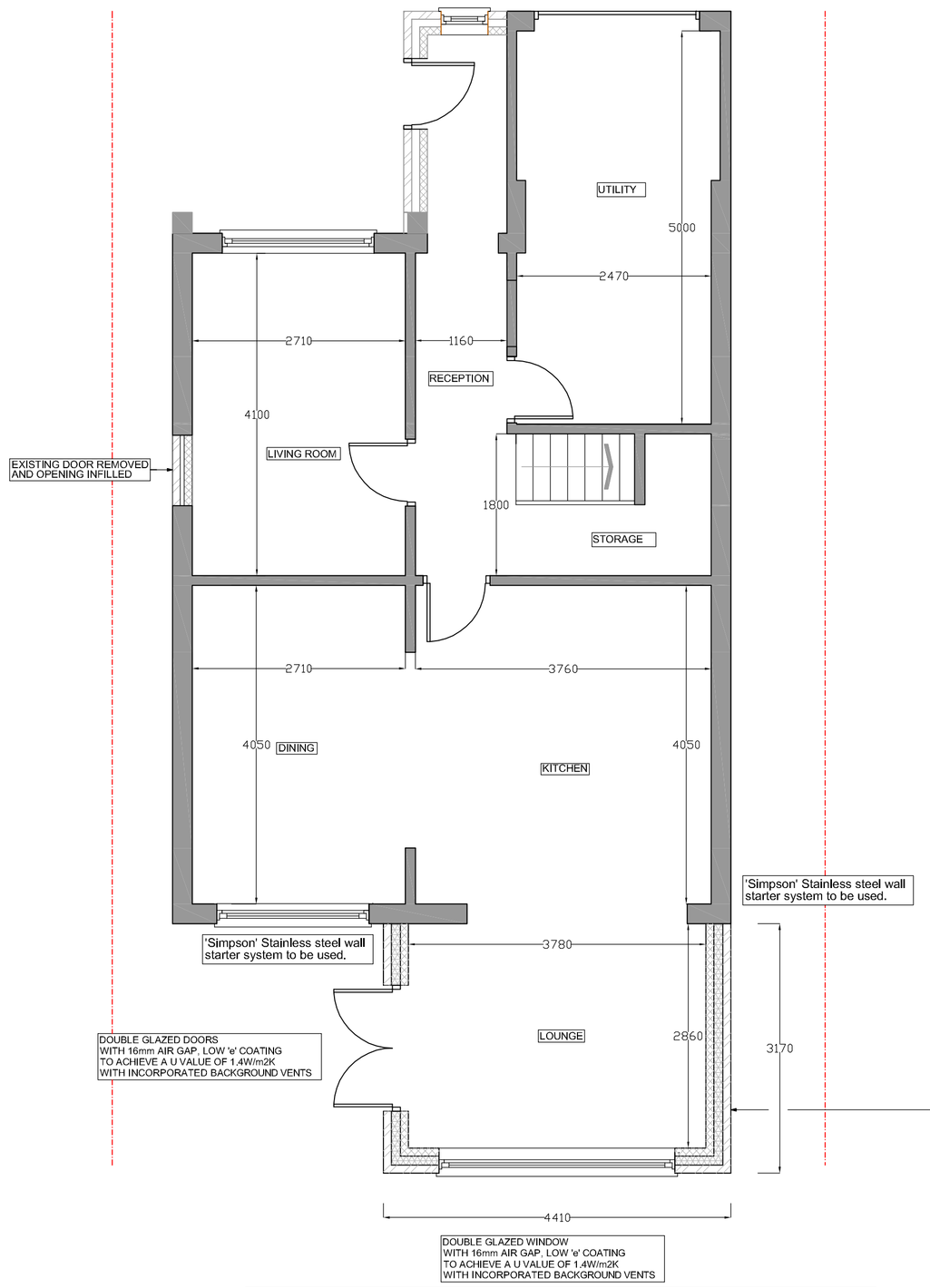
Lighting.
100 % of new light fittings to be energy efficient.

Lighting layout to be confirmed by client

Gas;
All works to the boiler and heating system to be carried out bya Gas Safety Registered person.



EXISTING GROUND FLOOR PLAN
SCALE BAR 1:50 @ A1



Glazing.
All glazing installed within 800mm of the finished floor level & 1500mm if installed in a door to be toughened safety glass & to conform to the safe break characteristics as defined by BS 6206.

PROPOSED GROUND FLOOR PLAN
SCALE BAR 1:50 @ A1

Construction Type : Walls > Cavity Wall > Full Fill Insulation

	Thickness (mm)	Thermal conductivity (W/mK)	Thermal resistance (m²K/W)	Bridge details air gaps
Outside surface resistance	0.0	0.0000	0.0400	–
External Finish None	–	–	–	–
Outer Leaf Brickwork	100.0	0.7700	0.1299	–
Insulation Celotex Thermaclass Cavity Wall 21 115mm	115.0	0.0210	5.4762	–
Inner Leaf Blockwork Solid / Turbo / 60 / Sandstone Dentdale e 0.15	100.0	0.1100	0.9091	0.9342
Mortar	100.0	0.8800	0.1136	0.0658
Internal Finish Wall Plaster	13.0	0.2200	0.0591	–
Inside surface resistance	0.0	0.0000	0.1300	–

U-value = 0.15 W/m².K (combined method : 0.152 W/m².K, upper limit : 6.685m².K/W, lower limit : 6.458m².K/W, dU : 0.0015)

Correction Factors

Mechanical Fasteners : (nf = fasteners per m², Af = fasteners cross-sectional area)

1. Delta U for Celotex Thermaclass Cavity Wall 21 115mm Insulation : 0.0018

Alpha : 0.8 per m, lambda f : 17.0000 W/mK, nf : 0.00002500 per m², Af : 8.6000mm²

Table 4.2 Limiting U-values for new fabric elements in existing dwellings

Element type	Maximum U-value[1] W/(m²·K)
Roof[2]	0.15
Wall[3][7][9]	0.18
Floor[4][8]	0.18
Window[5][6][9]	1.4 or Window Energy Rating[12] Band B minimum
Rooflight[5][10]	2.2
Doors with >60% of internal face glazed[11]	1.4 or Doorset Energy Rating[10] Band C minimum
Other doors[5][6][9]	1.4 or Doorset Energy Rating[10] Band B minimum

REVISION	DESCRIPTION	DATE	BY
C	PLANS REVISED FOLLOWING CLIENTS COMMENTS	28.03.25	BG
B	PLANS REVISED FOLLOWING CLIENTS COMMENTS	10.03.25	BG
A	PLANS REVISED FOLLOWING CLIENTS COMMENTS	10.03.25	BG

Cotswold Residential Design Ltd

Oxford Office: 158 CMHP
Milestone Road,
Carterton, Oxfordshire,
OX18 3FW
Telephone: 07856 736 328
Email:cotswoldresidential@yahoo.com

DRAWING TITLE: EXISTING AND PROPOSED FLOOR PLANS

SITE ADDRESS: 11 CHURCH CLOSE, LB7 7PY

SCALE: 1:50 @ A1 | DRAWN BY: BG

DATE: 07.02.25

DRAWING NO: CHURCH/01 REVISION C