

EXISTING TREES NOTE:
Existing trees T1 through to T10 listed for removal to form a separate planning application; removal subject to approval by the LPA (red dash outline)

Fire Station

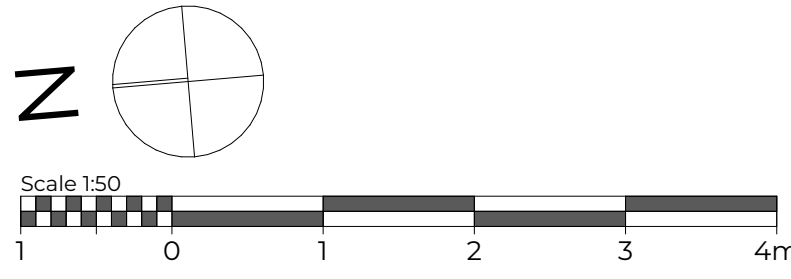
44 Winchester Street

42 Winchester Street

Part L1a - heat loss calculations
Proposed rear extension - 44 Winchester Street

Calculation Method: Proposed building			
Element	Area (m ²)	U-value (W/m ² K)	Rate of heat loss (W/K)
Flat roof over GF	11.369	0.15	1.705
Horizontal Insulation over FF	24.111	0.11	2.652
Rooflight 1x2m	2	1.24	2.480
Walls - Masonry	77.56	0.18	13.961
Windows	6.321	1.1	6.953
Doors	16.117	1.4	22.564
Ground floor	37.48	0.15	5.622
Total	174.958		55.937

Calculation Method: Notional building			
Element	Area (m ²)	U-value (W/m ² K)	Rate of heat loss (W/K)
Flat roof	13.369	0.15	2.005
Horizontal Insulation over FF	24.111	0.15	3.617
Walls - Masonry	79.008	0.18	14.221
Windows/rooftlights/doors (25% of Ground Floor + Existing)	20.99	1.4	29.386
Ground floor	37.48	0.18	6.746
Total	174.958		55.976



Mr. H. Phillips and Mrs. K. Phillips

Proposed Rear Extension
44 Winchester Street, Botley, Southampton,
SO30 2AA.

Existing Site and Ground Floor Plan

14 September 2023 0775-01.002.01
iso AD

Rev'd	Ch'd	Issued for Name	Date
		Planning Application and Building Regulations Application	15/09/2023

☐ Preliminary	☒ Planning	☒ Building Regulations	☐ Production
☐ Tender	☐ Construction	☐ As built	☐ Other

The Steven Barlow Partnership
The Studio, 81 Manor Road,
Barnham, Hampshire SO24 5LB,
United Kingdom

+44 (0) 1800 796 9796
info@tsbp-architecture.co.uk
tsbp-architecture.co.uk

This drawing is intended for use as a guide only. It is not to be used for construction or other purposes without the written consent of the architect. The architect is not responsible for any errors or omissions in this drawing.

This drawing is intended for use as a guide only. It is not to be used for construction or other purposes without the written consent of the architect. The architect is not responsible for any errors or omissions in this drawing.

This drawing is intended for use as a guide only. It is not to be used for construction or other purposes without the written consent of the architect. The architect is not responsible for any errors or omissions in this drawing.

GFL-Existing Site Plan and Ground Floor Plan
1:50