

WRD

WRD Structural Consultants

ENGINEERS

S0702\260112 CALC (1/2)
12 January 2026

Mr M Sheppard
79 Hillmanton
Lower Earley
READING
RG6 4HN

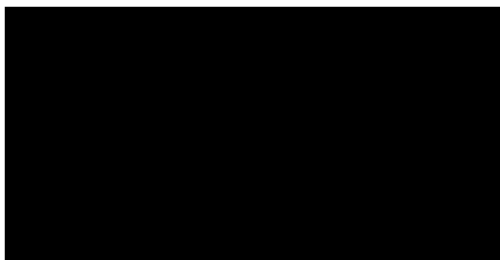
The Stables, rear of 60
The Avenue
SOUTHAMPTON
SO17 1XS

023 8072 0770
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FOUNDATIONS

REAR EXTENSION

**79 HILLMANTON
LOWER EARLEY
READING
RG6 6HN**



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for and on behalf of **WRD Structural Consultants Limited**

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S0702\260112 CALC (2/2)

12 January 2026

1.0 DESIGN NOTES

- 1.1** The ground is believed to be clay and is likely to be a shrinkable clay. There is a mature Oak located about 4m from the proposed extension
- 1.2** Due to the presence of nearby trees it is required to use piled type of foundation. Pile locations will be determined to avoid significant roots by hand digging trial pits. The attached plan shows proposed ground beam layout for the extension.
- 1.3** The pile type and depth will be determined following ground investigations. The ground investigation should determine the soil type(s) to a greater depth than the depth which will ultimately be required for the foundations. Soils samples should be recovered at appropriate depths and be subject to laboratory analysis and testing as appropriate to determine the required foundation depth and for the design of piled foundations if required.
- 1.4** Building Regulations apply to all works of a structural nature. Unless you have already done so, or have made alternative arrangements, you should contact your local Building Control Office and make the necessary applications for approval before the work commences. Full Plans approval can take up to eight weeks. If you commence work without Full Plans approval you do so at your own risk and we will not accept any liability for any requirements, alterations, costs or delays resulting from this.
- 1.5** Unless otherwise agreed and confirmed in writing we are engaged only as 'Designer' under the Building Safety Act 2022. It is the duty of the 'Client' to appoint a 'Principal Designer' and a 'Principal Contractor'.

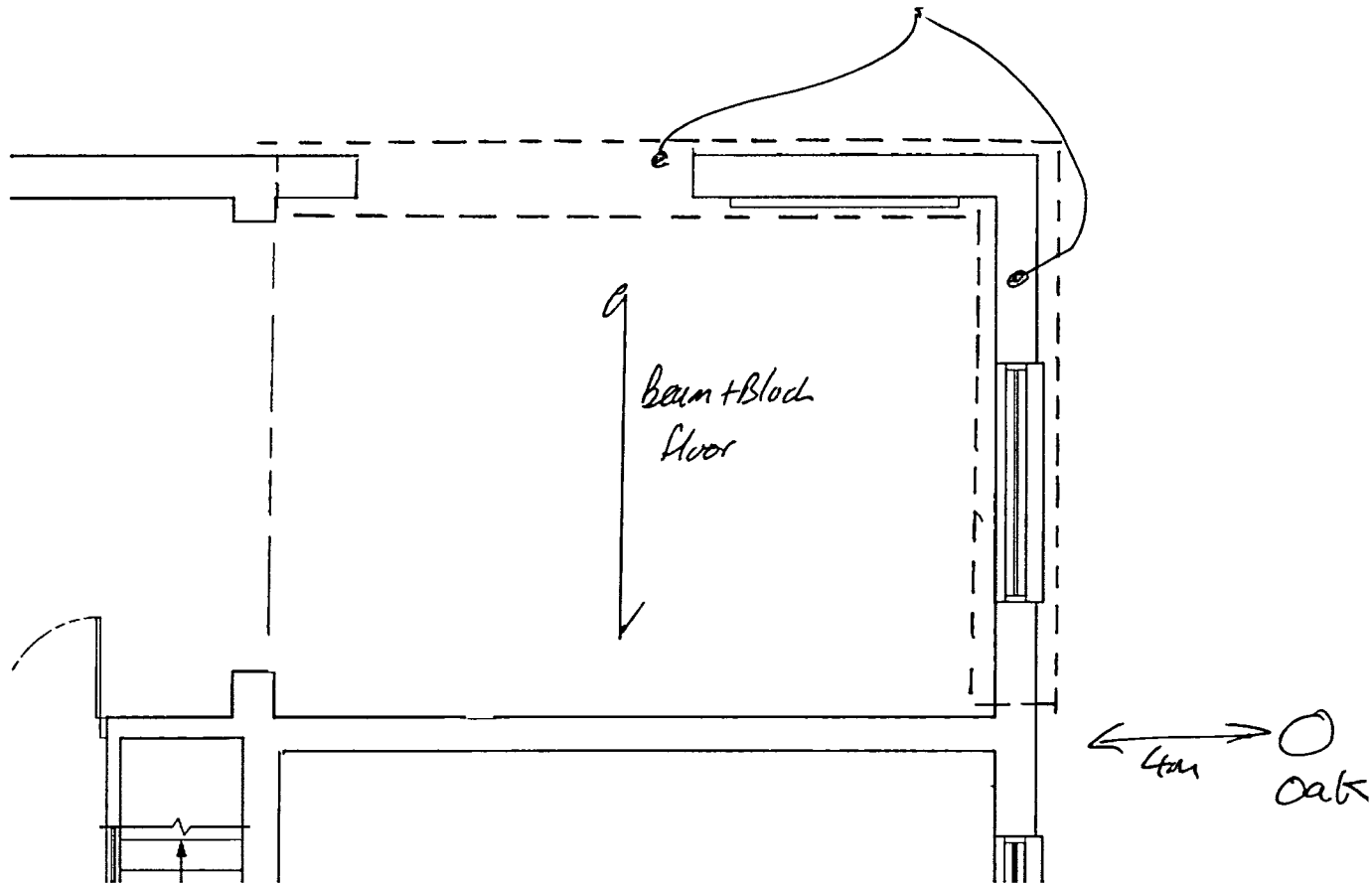


Job No: 3 0702
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FOUNDATIONS

Ground beams supported by piles
Pile positions to avoid free roots
to be determined by hand dug trial pits



Type and depth of piles to be
determined following ground investigation

See Abbey-Pynford 'Treesafe' brochure for
further details