

North



Boundary Line in Red



Tree Protection Area



Mixed Lanscaping - mostly lawn/ rumble



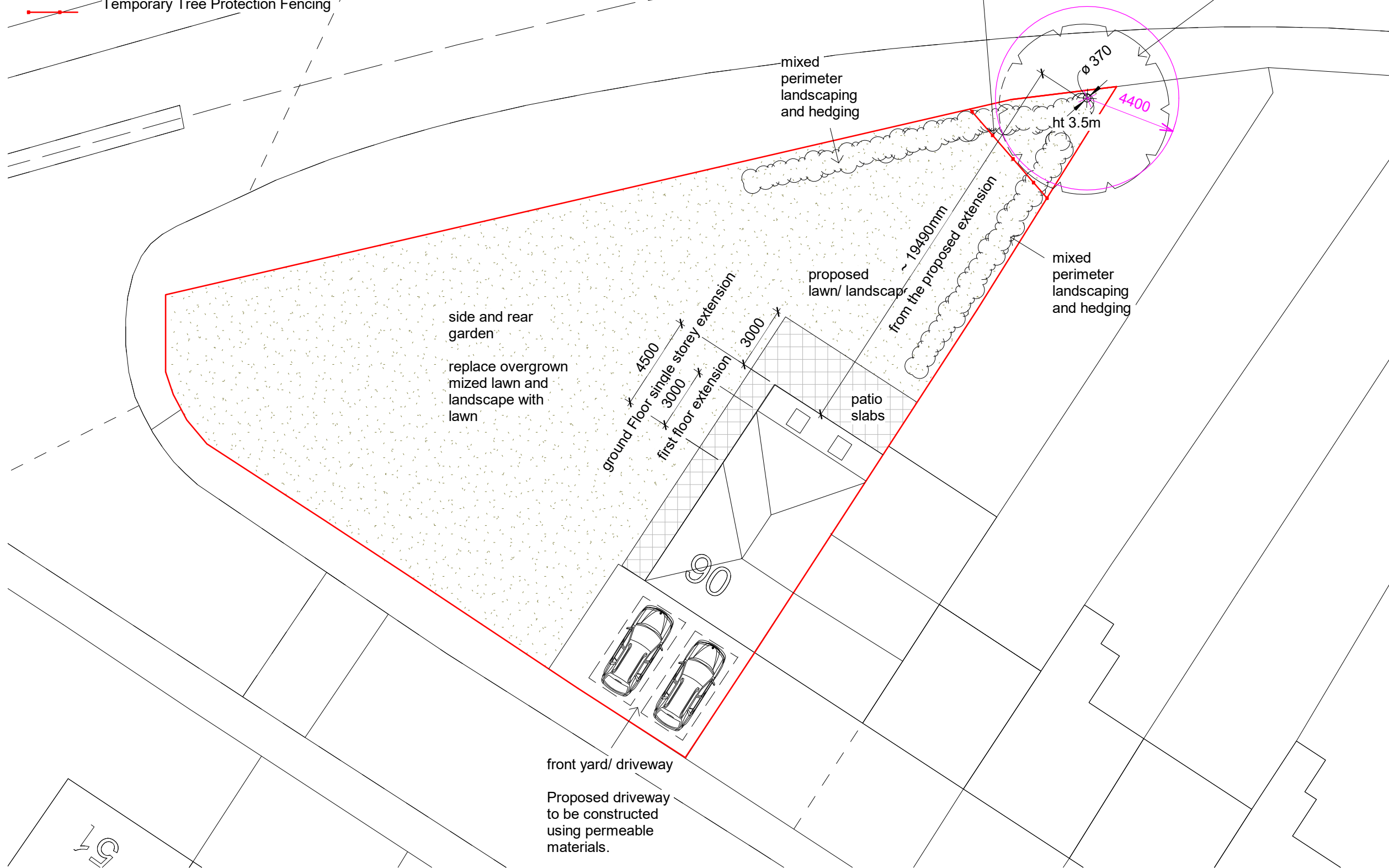
Temporary Tree Protection Fencing

- Fencing to be erected before any demolition and construction
- Remain in place throughout construction.
- Only be removed once construction is complete

Using BS5837 (UK) standard method:
Trunk diameter (DBH) = 370 mm = 0.37 m
RPA radius = $12 \times \text{diameter} = 12 \times 0.37 = 4.44 \text{ m}$
RPA area = $\pi \times r^2 = 3.1416 \times (4.44^2)$
 $= 3.1416 \times 19.7136$
 $\approx 61.9 \text{ m}^2$ (round to 62 m²)

So the Root Protection Area is a circle of radius ~4.44 m around the stem, with an area ~62 m².

370 mm is the stem diameter measured at 1.5 m above ground, as per BS5837.



PROJECT INFORMATION

90 Stone Street,
Reading,
RG30 1HU

STATUS

Stage Concept Design/ Planning

SHEET

Proposed Site Plan

CLIENT

Mr H T

DATE

09.10.25

DRAWING NUMBER

HB_005

SCALE (@ A3)

1 : 200

REV

15.12.25 - Rev A - existing
trees and new landscaping

VA

DRAWN BY

- NOTES
ALL DRAWINGS TO BE PRINTED AT 100%
SCALE.
DO NOT FIT TO PRINTER MARGINS WHEN
PRINTING.
1. This drawing is copyright of HAUS Frame Architects & Designers. Reproduction is only to take place with written authority.
 2. These plans are subject to Planning & Building Regulation Approval or any other statute in law before building work commences.
 3. Any structural work where mentioned on this drawing is subject to a qualified structural and civil engineer calculations before building work commences.
 4. These drawings are intended for Building Control purposes only, drawings marked preliminary have not been approved by Building Control. Construction drawings can be supplied separately.
 5. Only Local Authority Planning Departments may scale dimensions from the drawings.
 6. All dimensions to be checked on site by contractor prior to commencement of work, or the placement of any orders. Any discrepancies are to be brought to the attention of HAUS Frame Architects & Designers for rectification.
 7. All boundaries are assumed. To be confirmed on site before building work commences.

HAUS FRAME
ARCHITECTS & DESIGNERS

a. 6 Simmonds Close
Bracknell
RG42 1FL

m. 07400022422

e. valentina.antoniuc@hausframe.com
w. www.hausframe.com

Proposed Site Plan

1 : 200