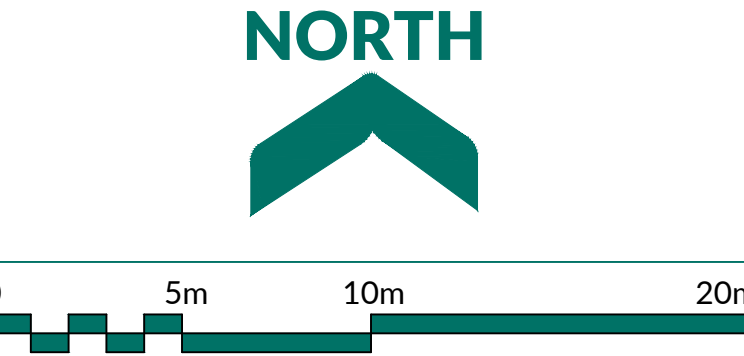
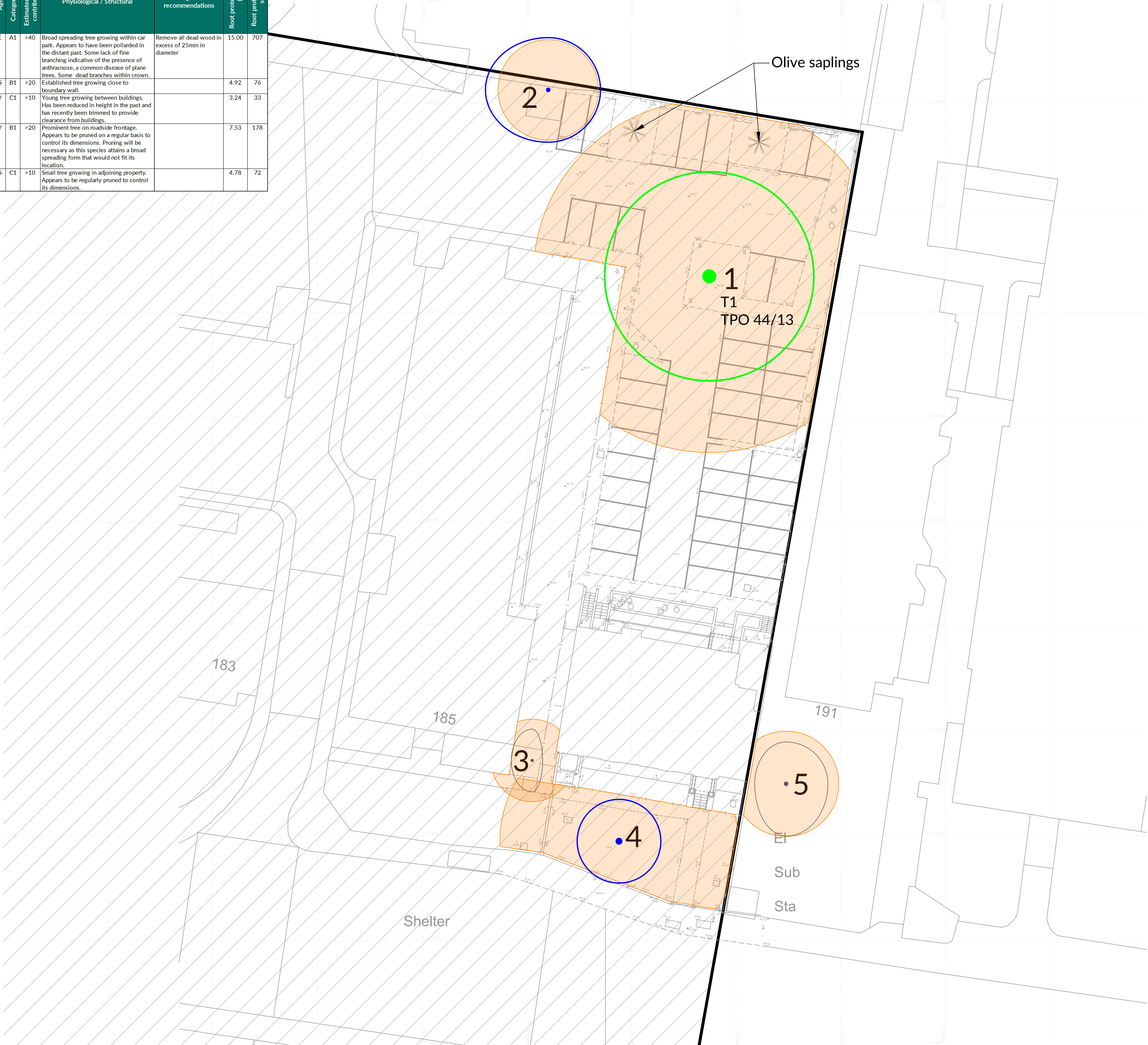


Schedule of trees at Astec House, Reading																									
TPO 44/13	Tree No.	Species	Ht (m)	Branch Spread (m)			Stem diameters (cm)										Height of crown clearance (m)	Height of first branch (m) and direction (compass point)	Age class	Category grading	Estimated remaining contribution (yrs)	Condition Physiological / Structural	Preliminary management recommendations	Root protection radius (m)	Root protection area sqm
							Single Stem	2-5 stems				More than 5 stems													
				Stem 1	Stem 2	Stem 3		Stem 4	Stem 5	Mean dia	No. stems														
T1	1	London plane	16	10	10	10	10	131												Broad spreading tree growing within car park. Appears to have been pollarded in the distant past. Some lack of fine branching indicative of the presence of anthracnose, a common disease of plane trees. Some dead branches within crown.	Remove all dead wood in excess of 25mm in diameter	15.00	707		
	2	Sycamore	12	5	5	5	6	41												Established tree growing close to boundary wall.		4.92	76		
	3	Crab apple	9	3	1	3	2	27												Young tree growing between buildings. Has been reduced in height in the past and has recently been trimmed to provide clearance from buildings.		3.24	33		
	4	Blue atlas cedar	12	4	4	4	4		32	54										Prominent tree on roadside frontage. Appears to be pruned on a regular basis to control its dimensions. Pruning will be necessary as this species attains a broad spreading form that would not fit its location.		7.53	178		
	5	Cherry	9	4	4	5	3		36	17										Small tree growing in adjoining property. Appears to be regularly pruned to control its dimensions.		4.78	72		



- NOTES
- This tree survey information has been prepared for planning purposes only. Additional detail will be needed for foundation design.
 - The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
 - Scale for planning purposes only.
 - All dimensions to be checked on site.
 - The copyright of this document resides with Keen Consultants unless assigned in writing by the company.
 - Details shown on this drawing are devised with reference to BS5837:2012: Trees in relation to design, demolition and construction Recommendations.
 - Tree Preservation Order 44/13 and Eldon Square Conservation Area based on Reading Borough Council.
 - Topographical survey based on Green Hatch Group drawing number 52799_01_T Rev A.
 - Where trees were not identified on the topographical survey they have been plotted by eye.

- KEY
- Trees to be considered for retention:
(Coloured line indicates extent of canopy)
 - Tree Category A 1,2 or 3
- Trees of high quality
 - Tree Category B 1,2 or 3
- Trees of moderate quality
 - Tree Category C 1,2 or 3
- Trees of low quality
 - Trees unsuitable for retention:
(Coloured line indicates extent of canopy)
 - Tree Category U
- Trees that cannot realistically be retained due to their condition
 - Protection Areas:
 - Root Protection Area (RPA)
(where RPAs overlap the shading will appear darker)
 - Eldon Square Conservation Area
 - Tree/Hedge numbering:
 - Tree number
- refer to schedule for information

KEY TO TREE SCHEDULE	
Column Heading	Explanation
Tree No.	Unique number corresponding with number on plan
Species	English names
Ht (m)	Height in metres
Branch Spread	Crown radius in metres to cardinal points of the compass
Stem Dia	All measurements conform to Annex C of BS 5837:2012
	Single stem - Stem diameter in centimetres measured at 1.5m above ground level.
	Multi-stemmed tree with 2 to 5 stems - Diameter of each stem
	Multi-stemmed tree with more than 5 stems - Average stem diameter and number of stems
Height of crown clearance	Height in metres between the ground and underside of canopy
Height of first major branch and direction of growth	Height from ground level to base of first major branch and the approximate direction of growth
Abbreviations as suffix to a dimension	Suffix 'e' denotes an estimated dimension
Age Class	Suffix 'av' denotes an average dimension
	Age Class definitions: Y = Young S = Semi-mature E = Early mature M = Mature O = Over mature
Category grading	Summary of BS 5837: 2012 categorisation: 1. Trees unsuitable for retention: U = those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years. 2. Trees to be considered for retention: A1, 2 or 3 = trees of high quality (substantial contribution >40 yrs) B1, 2 or 3 = trees of moderate quality (significant contribution >20 yrs) C1, 2 or 3 = trees of low quality (but adequate, ie >10 yrs or young trees - until new planting can be established)
Estimated remaining contribution (yrs)	Note: Useful estimated remaining contribution of the tree or tree group based on figures stated in BS5837:2012
Condition	Brief description including physiological and structural defects
Preliminary management recommendations	Describes current arboricultural requirement for the tree in its current context
Root Protection Radius	Radius of minimum root protection area in metres calculated from section 4.6 and Annex D of BS5837:2012
Root Protection Area	Total area of minimum root protection area extrapolated from root protection radius

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Client
THE BAGRI FOUNDATION

Project
ASTEC HOUSE,
READING

Title
TREE CONSTRAINTS PLAN

Date
DEC 2025

Scale
1:200@A1

Drawn by
ML

Checked by
JTK

Drawing Number

2530-KC-XX-YTREE-TCP01Rev0