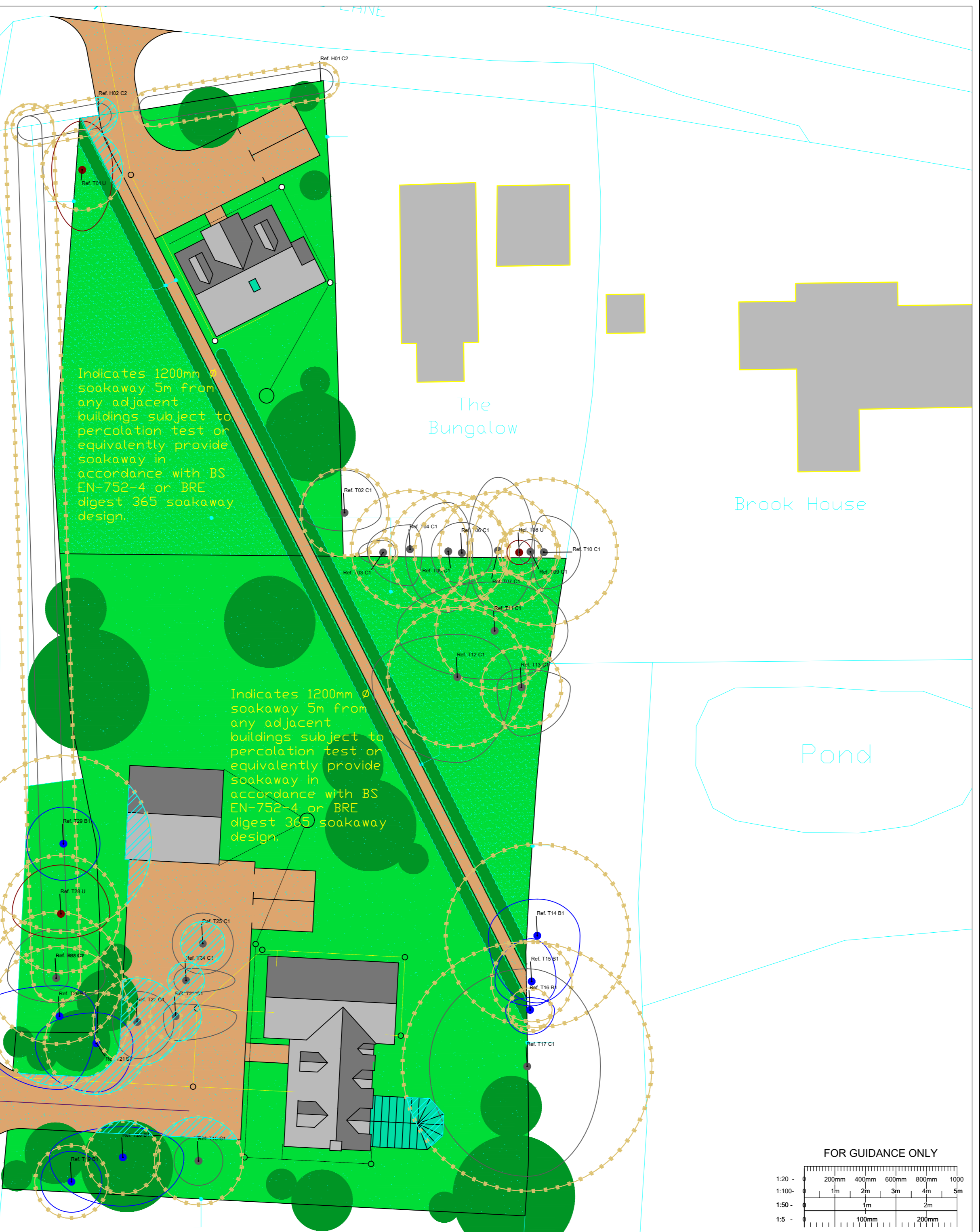


This drawing has been prepared in accordance with BS 5837:2012.

This drawing is intended to be printed and used in colour only, and for no purpose other than the consideration of trees in accordance with BS 5837.

Tree reference number	Species	Category grading	RPA m <sup>2</sup>	Building Incursion (m <sup>2</sup> )	Driveway Incursion (m <sup>2</sup> )	TOTAL %	Significance	Comments
H02	Hawthorn ( <i>Crataegus</i> sp.)	C2	14		5	36	Significance	The proposal will require a slight cutting back or removal of stems from the hedge. The select removal of the stems will not alter the rest of the hedge.
T01	Damson ( <i>Prunus domestica</i> ssp. <i>insititia</i> )	U	34		6	18	Insignificant	The root incursion is moderate, however given the condition, the tree will need to be removed.
T17	Common ash ( <i>Fraxinus excelsior</i> )	C1	327	7		2	Insignificant	The root incursion is within the 20% allowance as set by BS5837:2012. There is also other available space for the tree roots to grow into.
T18	Cypress ( <i>Cupressus</i> sp.)	C1	41		7	17	Insignificant	The root incursion is within the 20% allowance as set by BS5837:2012. There is also other available space for the tree roots to grow into.
T20	Service tree ( <i>Sorbus domestica</i> )	B1	28		3	11	Insignificant	The root incursion is within the 20% allowance as set by BS5837:2012. There is also other available space for the tree roots to grow into.
T21	Apple ( <i>Malus</i> sp.)	B1	58		20	34	Significance	The root incursion is over 20% allowance and will need to be removed.
T22	Apple ( <i>Malus</i> sp.)	C1	41		41	100	Significance	The root incursion is over 20% allowance and will need to be removed.
T23	Apple ( <i>Malus</i> sp.)	C1	15		15	100	Significance	The root incursion is over 20% allowance and will need to be removed.
T24	Apple ( <i>Malus</i> sp.)	C1	8		8	100	Significance	The root incursion is over 20% allowance and will need to be removed.
T25	Common pear ( <i>Pyrus communis</i> )	C1	11		11	100	Significance	The root incursion is over 20% allowance and will need to be removed.
T26	Sycamore ( <i>Acer pseudoplatanus</i> )	B1	99		4	4	Insignificant	The root incursion is within the 20% allowance as set by BS5837:2012. There is also other available space for the tree roots to grow into.
T29	Sycamore ( <i>Acer pseudoplatanus</i> )	B1	167		4	8	Insignificant	The root incursion is within the 20% allowance as set by BS5837:2012. There is also other available space for the tree roots to grow into.



Indicates 1200mm  $\phi$  soakaway 5m from any adjacent buildings subject to percolation test or equivalently provide soakaway in accordance with BS EN-752-4 or BRE digest 365 soakaway design.

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Arboricultural comment:  
Move foul and services by 2000mm south of original route, outside of RPAs

**BS5837:2012 Cascade chart for tree quality assessment**

Category & Definition	Criteria (including subcategories where appropriate)	Identification on plan
<b>Trees unsuitable for retention</b>		
<b>Category U</b>	Trees that have a serious structural defect, such that their safe use is expected to be limited to a short period of time. These trees should be removed as soon as possible. The loss of the tree will not be replaced. Trees that are in a condition that they cannot realistically be retained as living trees. Trees that are in a condition that they are unlikely to be retained for longer than 10 years.	Red on plan RPA 127.0.0
<b>Trees to be considered for retention</b>		
<b>Category A</b>	Trees that are particularly good specimens of their species, especially if rare or ancient or those that are essential components of groups or formal or landscape architectural features (e.g. the dominant and/or principal trees within an avenue).	Light Green RPA 0.000.0
<b>Category B</b>	Trees that might be included in category A, but are downgraded because of a specific condition (e.g. presence of significant structural defects, including any significant decay, such that they are unlikely to be suitable for retention for longer than 20 years).	Medium Green RPA 0.000.0
<b>Category C</b>	Trees of good quality with an estimated remaining life expectancy of at least 20 years.	Grey RPA 001.001.001

**KEY**

- Tree Root Protection Area
- Tree Categorisation
- Category A
- Category B
- Category C
- Category U
- Tree Impact

Rev	Details	Date	Checked By

Drawing Number **AEL-19354**

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Client **Alder Mill**  
Project **Mayfield, Sibson**

Title **TIP - Tree Impct Plan**  
Scale **1:250** Date **16/12/2025** Drawn **RJH** Checked **RJH** Drawing No. **A**

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