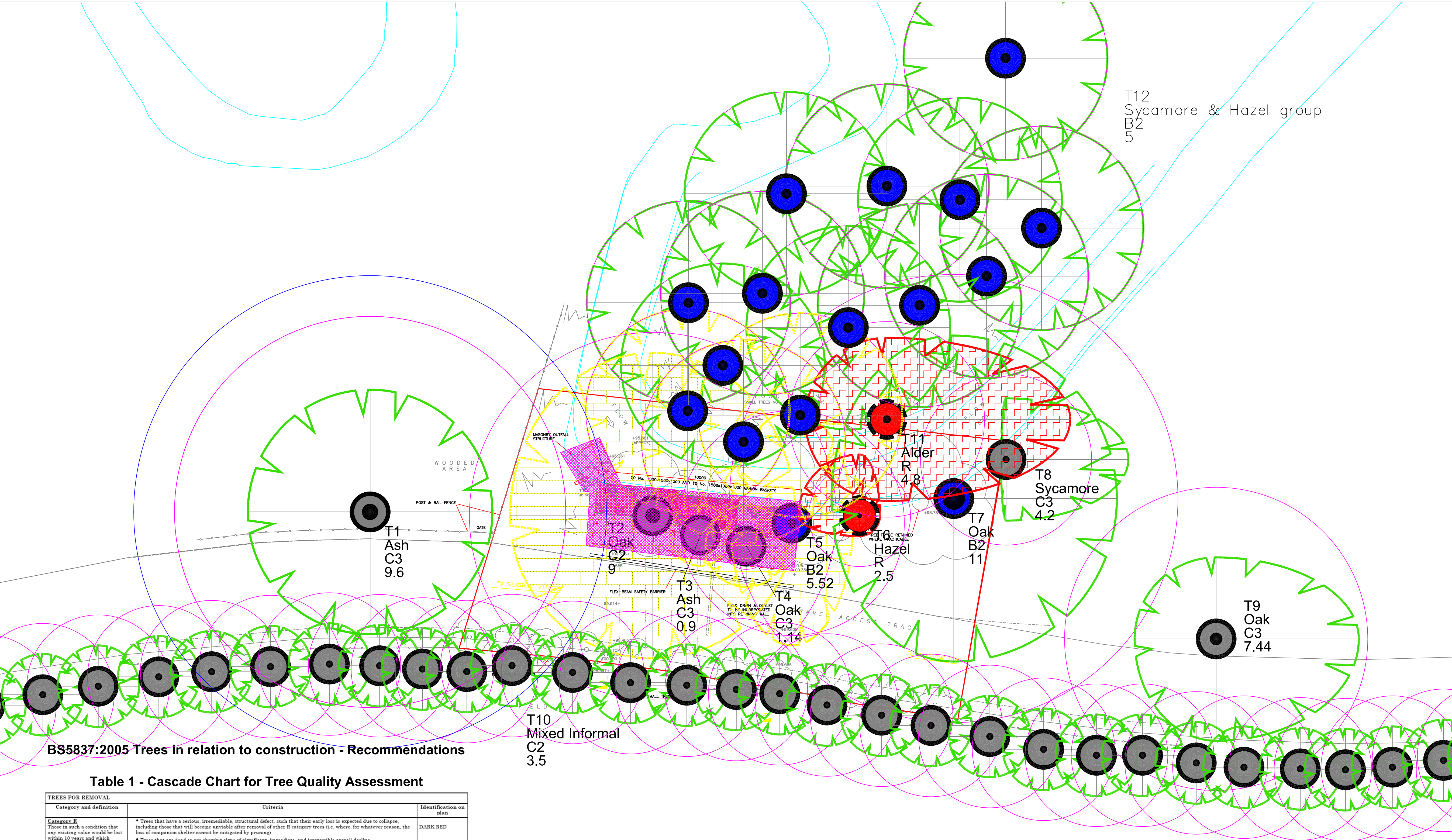


Silkstone Sewage Treatment Works - Implication Plan



BS5837:2005 Trees in relation to construction - Recommendations

Table 1 - Cascade Chart for Tree Quality Assessment

TREES FOR REMOVAL		Criteria	Identification on plan
Category and definition			
Category R Those in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management		- Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unstable after removal of other R category trees (i.e. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) - Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline - Trees infected with pathogens of significance to the health and/or safety of other trees nearby (e.g. Dutch elm disease), or very low quality trees suppressing adjacent trees of better quality NOTE: Habitat reinstatement may be appropriate (e.g. R category tree used as a bat roost: installation of bat box in nearby tree).	DARK RED
TREES TO BE CONSIDERED FOR RETENTION		Criteria – Subcategories	Identification on plan
Category and definition	1 Mainly arboricultural values	2 Mainly landscape values	3 Mainly cultural values, including conservation
Category A Those of high quality and value in such a condition as to be able to make a substantial contribution (a minimum of 40 years is suggested)	Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands which provide a definite screening or softening effect to the locality in relation to views into or out of the site, or those of particular visual importance (e.g. avenues or other arboricultural features assessed as groups)	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)
Category B Those of moderate quality and value: those in such a condition as to make a significant contribution (a minimum of 20 years is suggested)	Trees that might be included in the high category, but are downgraded because of impaired condition (e.g. presence of remediable defects including unsympathetic past management and minor storm damage)	Trees present in numbers, usually as groups or woodlands, such that they form distinct landscape features, thereby attracting a higher collective rating than they might as individuals but which are not, individually, essential components of formal or semi-formal arboricultural features (e.g. trees of moderate quality within an avenue that includes better, A category specimens), or trees situated mainly internally to the site, therefore individually having little visual impact on the wider locality	Trees with clearly identifiable conservation or other cultural benefits
Category C Those of low quality and value currently in adequate condition to remain until new planting could be established (a minimum of 10 years is suggested), or young trees with a stem diameter below 150 mm	Trees not qualifying in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater landscape value, and/or trees offering low or only temporary screening benefit	Trees with very limited conservation or other cultural benefits
NOTE: Whilst C category trees will usually not be retained where they would impose a significant constraint on development, young trees with a stem diameter of less than 150 mm should be considered for retention.			

This plan should be viewed in COLOUR & read in conjunction with the Arboricultural Implication Assessment BA3262AIA - dated 07/10/2011. Available from Barnes and Associates at the address shown below.

NORTH

Please do not scale from this drawing. All dimensions should be checked on site, any errors or divergences should be brought to the attention of Barnes and Associates at the address shown below.

Symbol Guide

- Remove trees due to poor condition or to improve the condition for nearby trees.
- Remove trees to Enable Development
- Trees to be retained and in line with BS5837:2005
Ideal Building Line

BS5837 - Condition Rating Colour Code

- A - Condition Rating
- B - Condition Rating
- C - Condition Rating
- R - Condition Rating

Potential Conflict within Root Protection Area

Client:

AMEC

Site:

Silkstone STW

Drawing Title:

BS5837:2005 Implication Plan

Scale: 1:100 @ A1

Drawing No: BA3262AIA.2

Date: 16/10/2011

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