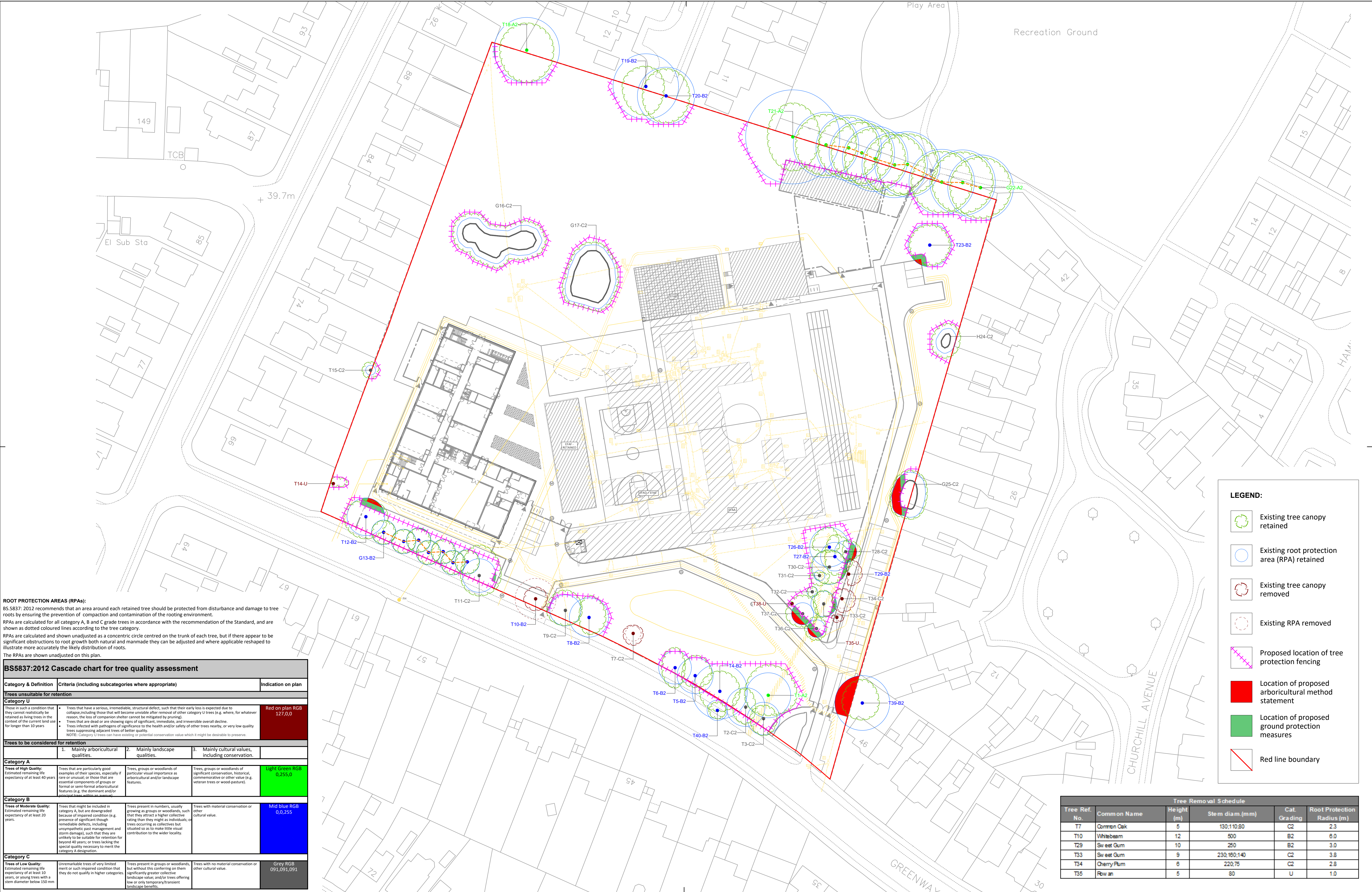




ROOT PROTECTION AREAS (RPAs):
BS5837: 2012 recommends that an area around each retained tree should be protected from disturbance and damage to tree roots by ensuring the prevention of compaction and contamination of the rooting environment.
RPAs are calculated for all category A, B and C grade trees in accordance with the recommendation of the Standard, and are shown as dotted coloured lines according to the tree category.
RPAs are calculated and shown unadjusted as a concentric circle centred on the trunk of each tree, but if there appear to be significant obstructions to root growth both natural and manmade they can be adjusted and where applicable reshaped to illustrate more accurately the likely distribution of roots.
The RPAs are shown unadjusted on this plan.

BS5837:2012 Cascade chart for tree quality assessment				
Category & Definition	Criteria (including subcategories where appropriate)			Indication on plan
Trees unsuitable for retention				
Category U	• Trees that have a serious, irreparable, structural defect, such that their early loss is expected due to collapse including those that will become unstable after removal of other category U trees (e.g. 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 that will be damaged by pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality. NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve.			Red on plan RGB 127,0,0
Trees to be considered for retention				
Category A	1. Mainly arboricultural qualities.	2. Mainly landscape qualities.	3. Mainly cultural values, including conservation.	
Trees of High Quality: Estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual, or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue).			Light Green RGB 0,255,0
Category B	Trees of Moderate Quality: Estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation.	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality.	Trees with material conservation or other cultural value.
				Mid blue RGB 0,0,255
Category C	Trees of Low Quality: Estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories.	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits.	Trees with no material conservation or other cultural value.
				Grey RGB 091,091,091

LEGEND:

- Existing tree canopy retained
- Existing root protection area (RPA) retained
- Existing tree canopy removed
- Existing RPA removed
- Proposed location of tree protection fencing
- Location of proposed arboricultural method statement
- Location of proposed ground protection measures
- Red line boundary

Tree Removal Schedule					
Tree Ref. No.	Common Name	Height (m)	Stem diam.(mm)	Cat. Grading	Root Protection Radius (m)
T7	Common Oak	5	130;110;80	C2	2.3
T10	Whitebeam	12	500	B2	6.0
T29	Sweet Gum	10	250	B2	3.0
T33	Sweet Gum	9	230;160;140	C2	3.8
T34	Cherry Plum	6	220;75	C2	2.8
T35	Rowan	5	80	U	1.0