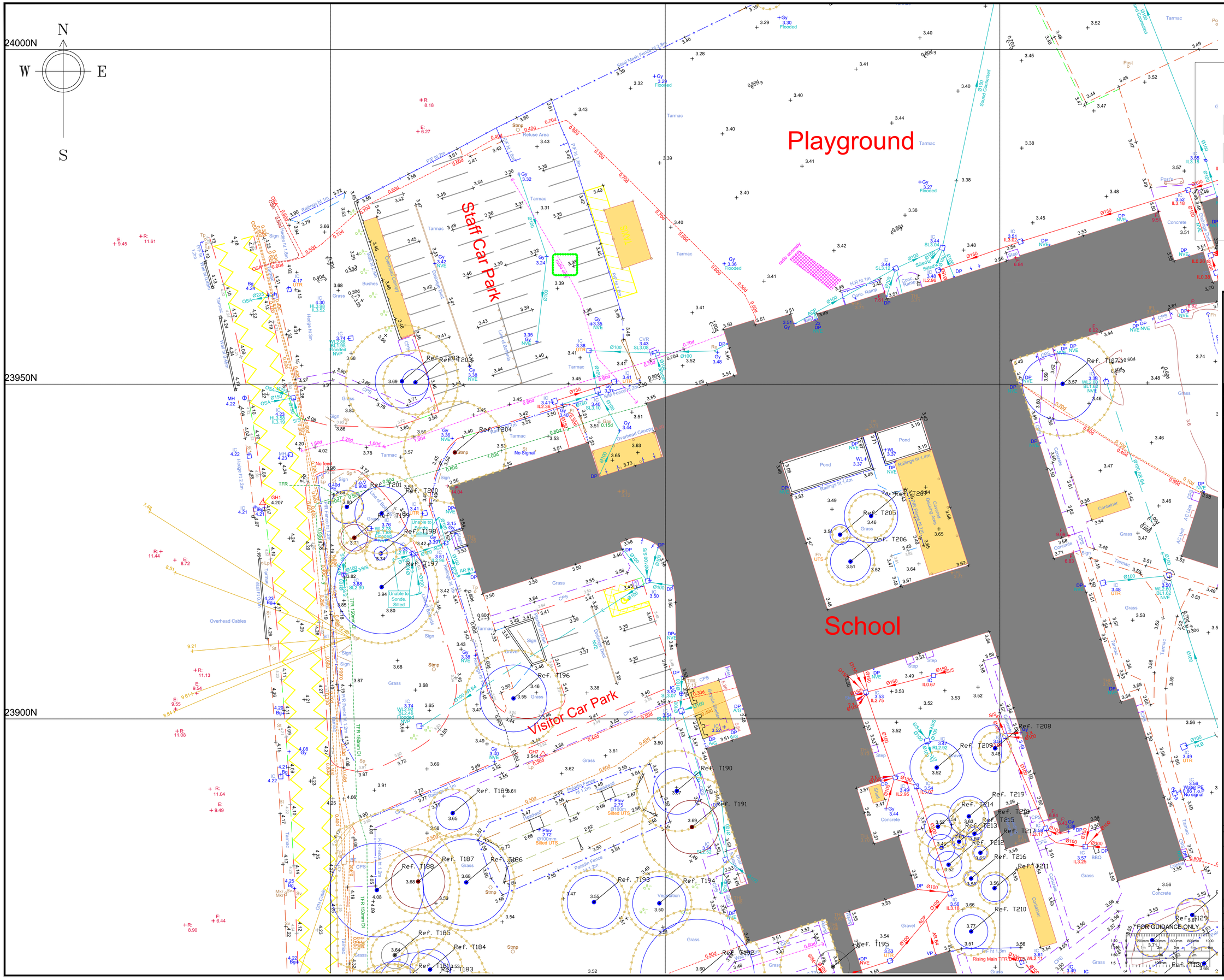

A1

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.

BS5837:2012 Cascade chart for tree quality assessment

Category & Definition	Criteria (including subcategories where appropriate)			Identification on plan
Trees unsuitable for retention				
Category U				Red (pr 000) RGB 187,0,0
Trees in such a condition that any value they might have should be lost within ten years or, in the case of trees in a cemetery, five years. Trees that have a life expectancy of at least ten years but which, because of their condition, pose a hazard to people or property, or which are in such a condition that they will quickly have a significantly reduced life expectancy or become unsuitable for retention in the future should not be included in this category.	Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including trees that will have reached this condition within the next ten years. Trees affected by pathogens of such severity that their early loss is expected. Trees that are in such a condition as to pose an imminent risk to a significant number of people or to cause a significant disruption to a major public service or facility.			
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 with a life expectancy of at least 40 years	Trees that are of a minimum size, of good shape and form, free from significant defects, with no more than a small amount of minor defects, and that can be expected to remain viable for at least 40 years in the proposed location.	Trees whose presence or absence makes a significant difference to the character of the landscape, or to the setting of adjacent buildings, or to the character of a group of trees or woodland.	Trees which are in themselves of such quality and significance that they should be considered as a material constraint on development.	Light Green RGB 127,255,0
Category B				
Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.	Trees that might be included in Category A but are downgraded because of minor defects, including those that require remedial arboricultural work, or because their location, size or shape limits their value to a group or to the landscape.	Trees which might be included in Category A but are downgraded because their location limits their value to a group or to the landscape.	Trees which might be included in Category A but are downgraded because their cultural value is less than that of Category A trees.	Mid Blue RGB 0,0,255
Category C				
Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below the cut-off.	Trees that could be retained for a further 10 years but are not worthy of being given any special status or consideration. Trees with a very limited form or function.	Trees that could be retained for a further 10 years but are not worthy of being given any special status or consideration. Trees with a very limited form or function.	Trees that could be retained for a further 10 years but are not worthy of being given any special status or consideration.	Dark Grey RGB 128,128,128

KEY

- Root Protection Area (RPA)
- Tree Stem
- T1 Tree No.

Rev	Details	Date	Checked By

Drawing Number AEL-18654-TCP-6

APEX
Apex Environmental Ltd
3 Lawrence Way, Lichfield, WS13 6RD
TEL. 0121 249 1255 e-mail: info@acd-treeconsultants.co.uk web: www.acd-treeconsultants.co.uk

Client Bowmer + Kirkland Limited

Project University Academy, Long Sutton

Title Tree Constraints Plan

Scale	Date	Drawn	Checked	Drawing No.	Rev
1:250	04/01/2024	RJH			B

THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE REPRODUCED WITHOUT THE CONSENT OF APEX ENVIRONMENTAL LTD