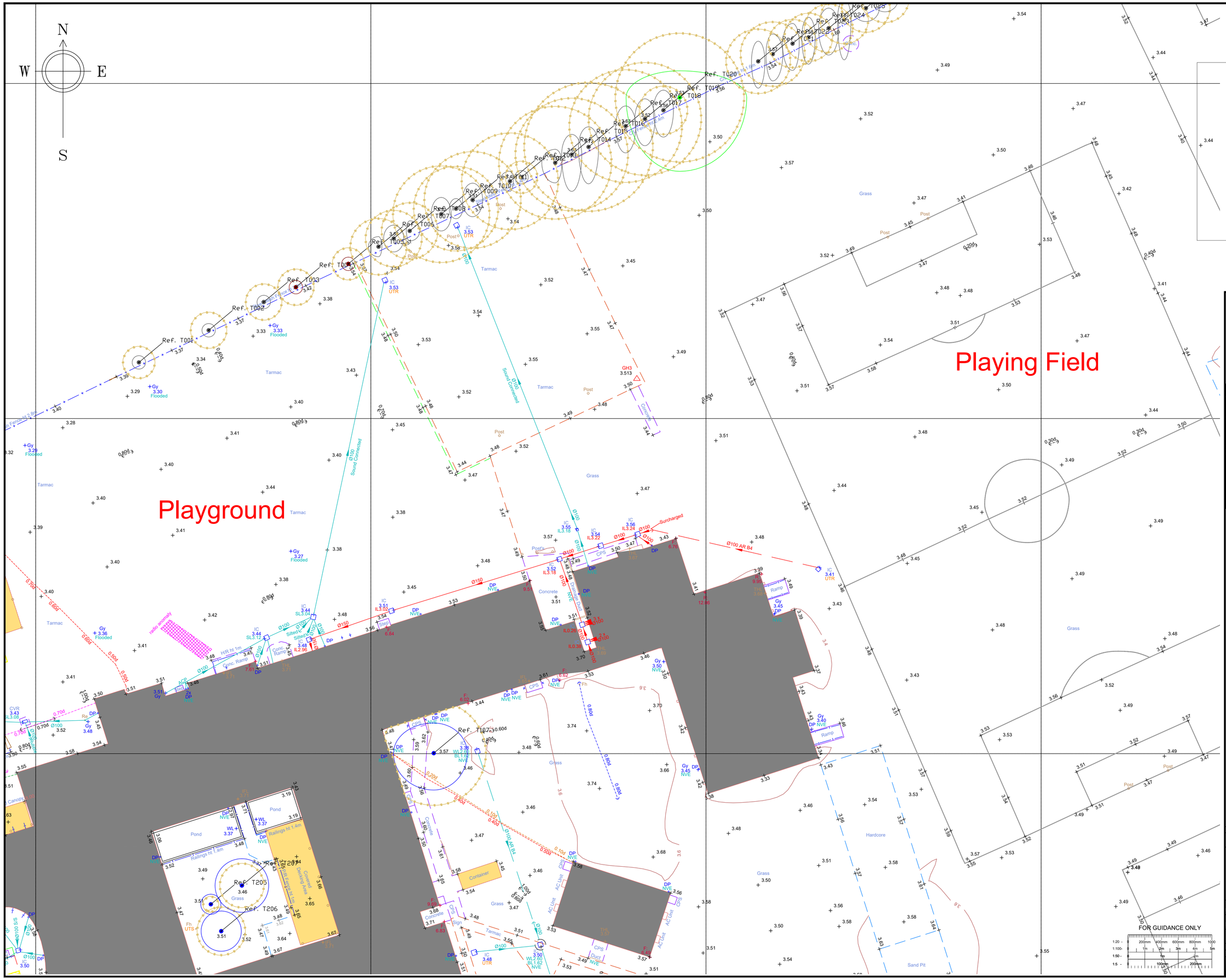

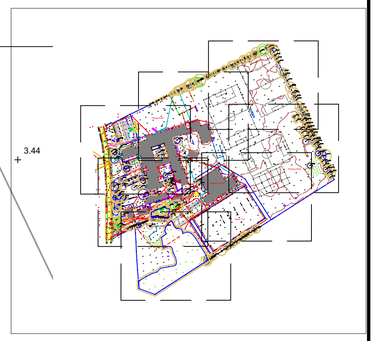

A1

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 These in such a condition that they cannot be retained for more than a few years. Trees that have a life expectancy of less than 10 years should not be given a category U designation.	These trees have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after the removal of other trees in the group. Trees that are in such a poor condition that they are unlikely to survive beyond a further 10 years. Trees infected with pathogens of significance to the health and safety of other trees nearby, or very low quality trees suffering from a widespread, irremediable decline or dieback. Dead trees should not be given a category U designation.	Red (pr 0)(pr) RGB 187,0,0
Trees to be considered for retention		
	1. Mainly arboricultural qualities	2. Mainly landscape qualities	3. Mainly cultural values, including conservation.	
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years.	These trees are of a quality and condition that they should be retained for the long term. Trees that are of exceptional quality and/or of such a size, age or form that they are irreplaceable. Trees that are of such a quality that they are able to contribute to the landscape for at least 40 years.	These trees are of outstanding or exceptional landscape value. Trees that are of such landscape quality that they are able to contribute to the landscape for at least 40 years.	These trees are of outstanding or exceptional cultural value. Trees that are of such cultural quality that they are able to contribute to the landscape for at least 40 years.	Light Green RGB 0,255,0
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.	These trees are in such a condition as to make a significant contribution. Trees that are of a size, age or form that they are able to make a significant contribution. Trees that are of such a quality that they are able to contribute to the landscape for at least 20 years. Trees that are of such a quality that they are able to contribute to the landscape for a significant proportion of their remaining life.	These trees are of such a quality that they are able to make a significant contribution to the landscape. Trees that are of such a significant landscape value that they are able to contribute to the landscape for at least 20 years. Trees that are of such landscape quality that they are able to contribute to the landscape for a significant proportion of their remaining life.	These trees are of such a significant cultural value that they are able to make a significant contribution to the landscape. Trees that are of such a significant cultural value that they are able to contribute to the landscape for a significant proportion of their remaining life.	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 150 mm.	Unremarkable trees of very limited vigour or with major defects. Trees that are of such a quality that they are able to contribute to the landscape.	These trees are of such a quality or significance that they are able to contribute to the landscape. Trees that are of such a quality or significance that they are able to contribute to the landscape. Trees that are of such a quality that they are able to contribute to the landscape.	These trees are of such a quality or significance that they are able to contribute to the landscape. Trees that are of such a quality that they are able to contribute to the landscape.	Grey RGB 190,190,190
Category R Trees in such a poor condition that they cannot be retained for more than a few years.				

KEY

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

Rev	Details	Date	Checked By

Drawing Number AEL-18654-TCP-4

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	04/03/2024	RJH			B

FOR GUIDANCE ONLY

1:20 - 200mm 400mm 600mm 800mm 1000
1:100- 1m 2m 3m 4m 5m
1:50 - 1m 2m
1:5 - 100mm 200mm

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