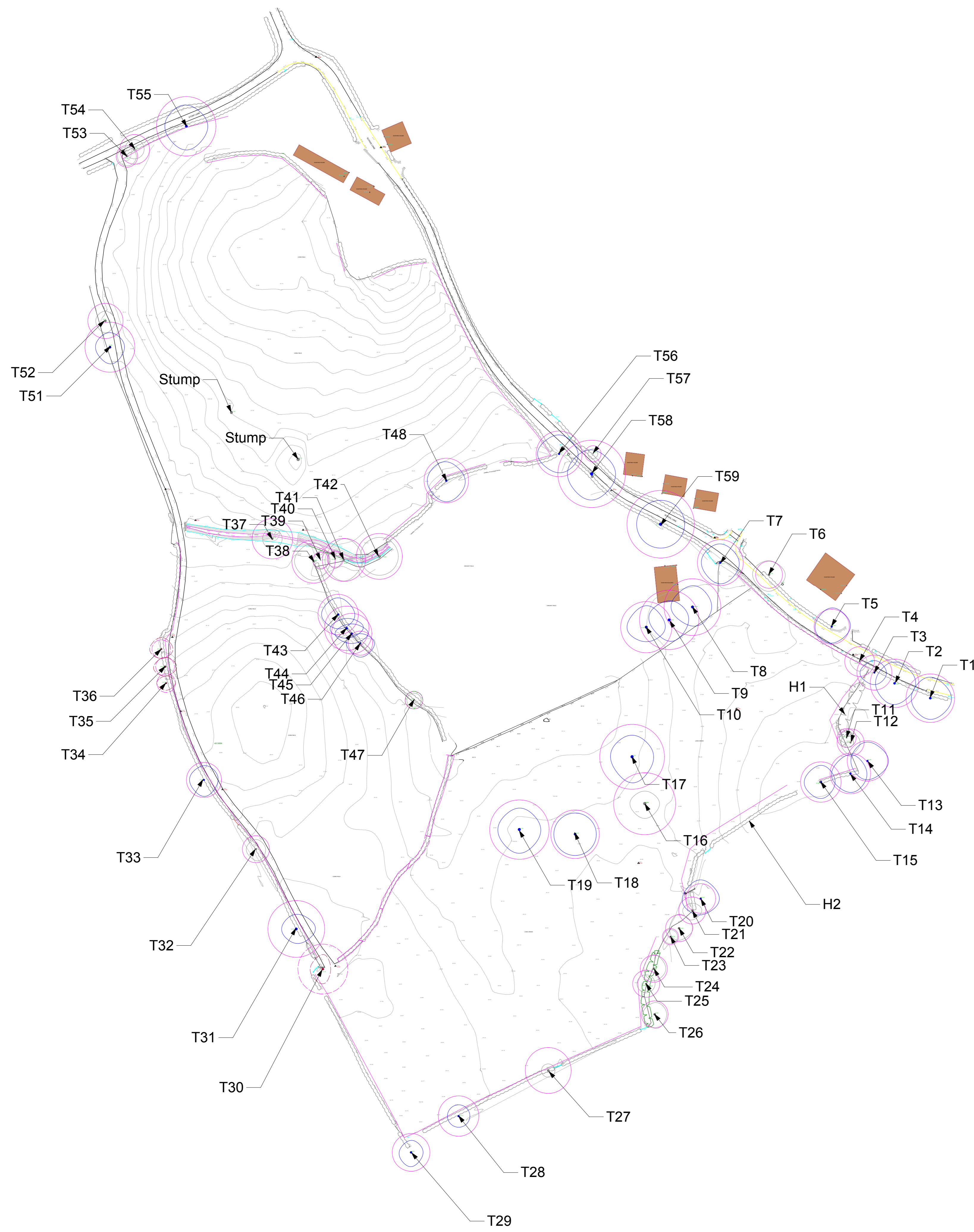


TOPO



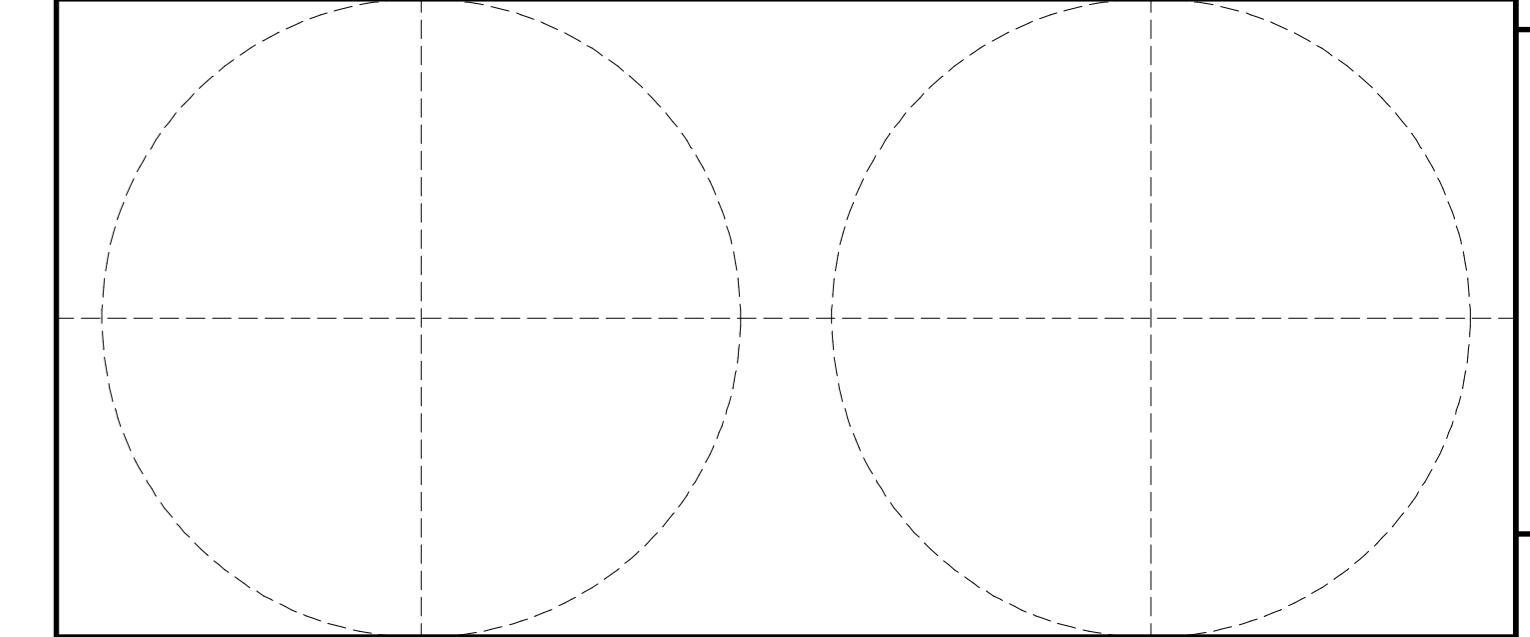
4.6.1 For single stem trees, the RPA (see 3.7) should be calculated as an area equivalent to a circle with a radius 12 times the stem diameter. For trees with more than one stem, one of the two calculation methods below should be used. In all cases, the stem diameter(s) should be measured in accordance with Annex C, and the RPA should be determined from Annex D. The calculated RPA for each tree should be capped to 707 m².

a) For trees with two to five stems, the combined stem diameter should be calculated as follows:

$$\sqrt{(\text{stem diameter } 1)^2 + (\text{stem diameter } 2)^2 \dots + (\text{stem diameter } 5)^2}$$

No.	Date	Appr	Revision Notes
			<ul style="list-style-type: none"> Category U Retained Category U Removed Category A Retained Category A Removed Category B Retained Category B Removed Category C Retained Category C Removed Cellular Confinement Ground Protection Barrier Protection Root Protection Area Pile and Beam Foundations Required

No.	Date	Issue Notes
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Design Firm
Arbconsultants Ltd
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Consultant

Project Title
BS5837 2012

Sheet Title
Appendix 4 Tree Constraints Plan Revision

Project Manager	Project ID	Clifton House Farm
Drawn By	Scale	1:100 @ A0
Reviewed By	Sheet No.	Sht-7 of 6
Date	Date	
CAD File Name	GA Clifton House Farm	