














	Wall		Cover
	Kerb		Main Hole
	Fence		Fire Hydrant
	Vegetation Line		Water Supply
	Tree	LP	Lamp Post
	Bush	EP	Electricity Pole
	Gate	TP	Telegraph Pole
	Drop Kerb		Anchor Point
	OH Telecomms		Bench Mark
	OH Power		Bore Hole
		AV	Air Valve
		FP	Fire Point
			Stop Valve
		SV	Stop Valve
		CATV	Cable TV
		TBQH	Top of Bottom Gate Hanging

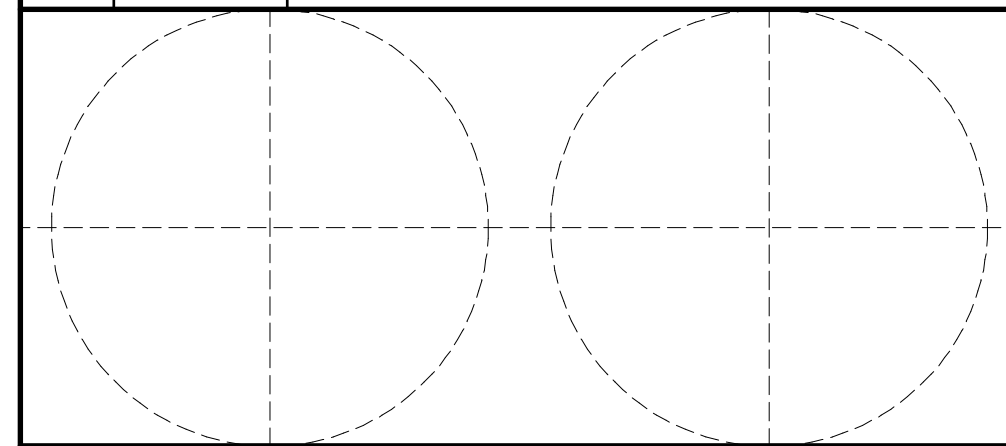
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Site Survey: February 2021
Scale: 1:100 @ A0
Crew: AC,SN Chk:HT

No.	Date	Appr	Revision Notes
			Category U Retained
			Category U Removed
			Category A Retained
			Category A Removed
			Category B Retained
			Category B Removed
			Category C Retained
			Category C Removed
			Proposed Hard Surface
			Proposed Building
			Ground Protection
			Barrier Protection
			Root Protection Area

Suggested route

No.	Date	Issue Notes
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Design Firm
Arbconsultants Ltd
Myerscough College
Bilsborrow
Lancashire
PR3 0RY

Consultant
Dr John Graham

Project Title	BS5837 2012 AIA
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Area 5 Proposed Footpath Area 4 Topo

Project Manager Bruce Wilkinson	Project ID South windermere Trail
Drawn By	Scale

Drawn by CR	Scale 1:100 @ A0
Reviewed By JG	Sheet No. Sheet 4

Date _____ Date _____ Sht-1
 CAD File Name _____ of _____

LDNPA	4
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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:

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

Where the footpath bisects / intersects with a
Root Protection Area
then a cellular confinement system
as described
in the report /
method statement is to be used

No materials are to be stored
in the Root Protection Areas (RPA)
ground protection boards must be used where
possible for any encroachment into a RPA