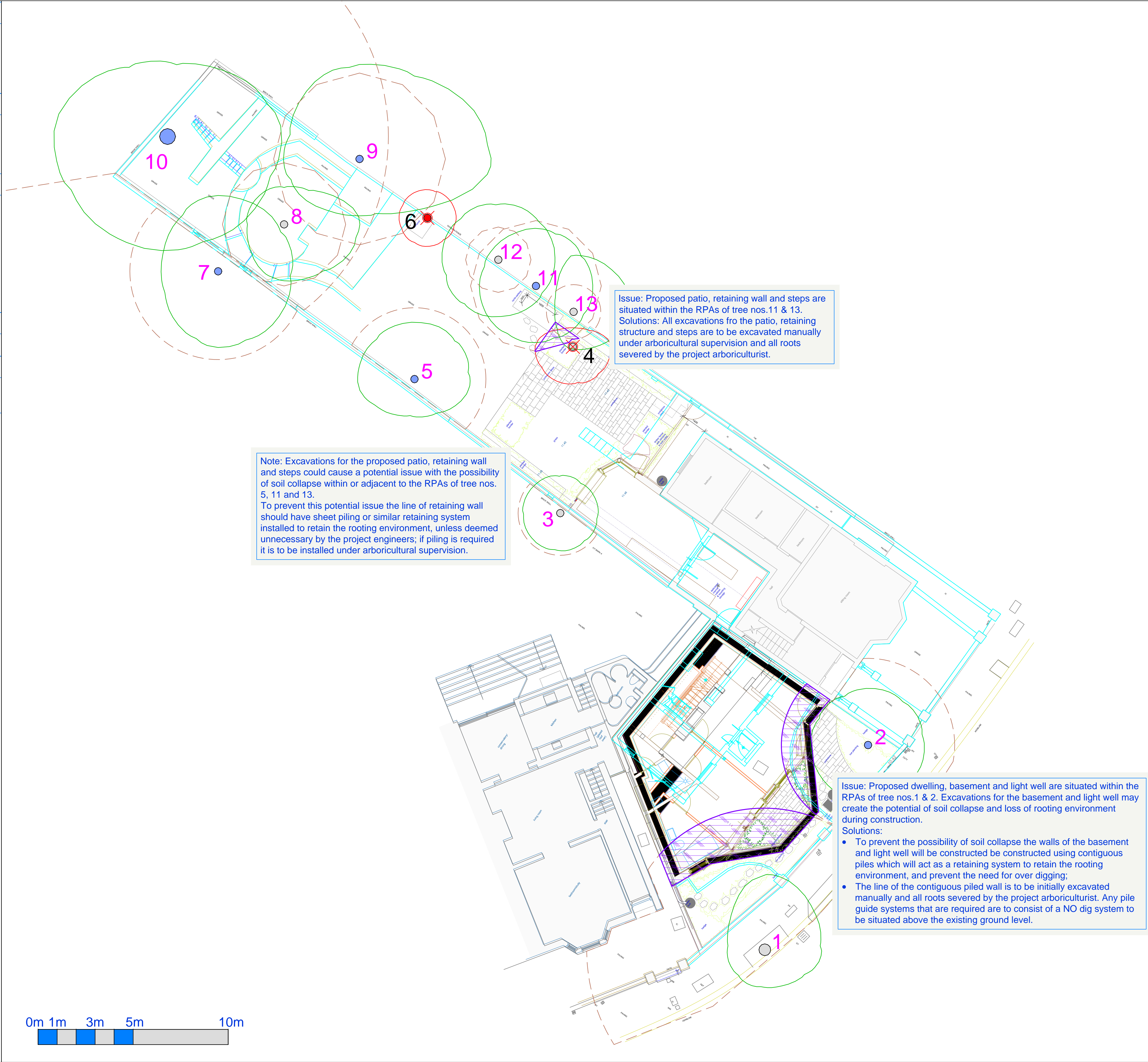


Arboricultural Impacts			
Impacts			Nos. of trees
Trees to be removed			2
Groups to be removed			0
Trees with proposed incursions into RPAs			4
Groups with proposed incursions into RPAs			0
Trees that will pruning			3
Groups that will pruning			0
Arboricultural Impacts			
No.	Species	Proposed structure	Incursion
1	Lime	Basement, light well and dwelling	RPA
2	Silver birch	Basement, light well and dwelling	RPA / Canopy
11	Norway spruce	Patio, retaining wall and steps	RPA / Canopy
13	Sycamore	Patio, retaining wall and steps	RPA / Canopy
Tree Work Schedule			
No.	Species	Works	Category
2	Silver birch	Crown reduce NE / W canopy to provide 2m clearance from dwelling	B
3	Magnolia	Crown reduce NE canopy back to boundary	C
4	Apple	Fell to ground level; grind out stump	C
6	Elder	Fell to ground level; grind out stump	U
13	Sycamore	Crown lift S canopy to 4m above GL	C
All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work – Recommendations. All arisings are to be removed and the site is to be left as found. Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as timber lorries, tractors, excavators por cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.			
No. of Trees to be Removed			
U	A	B	C
1	0	0	1
Arboricultural Method Statement			
All tree work is to be undertaken in accordance with British Standard Please refer to Arbtech Consulting Ltd. Tree Schedule, Arboricultural Method Statement and Tree Protection Plan, for full details on all surveyed trees and how all aspects of the development maybe implemented without detriment to retained trees.			



Tree Categories

Trees are categorised in accordance with the cascade chart in Table 1 of the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'

Category 'U' - Trees in such condition that they cannot realistically be retained as living trees in context of the current land use for longer than 10 years.

Category 'A' - Trees of high quality with an estimated remaining life expectancy of at least 40 years.

Category 'B' - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.

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 150mm.

Root Protection Area

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) should be plotted around each of the category A, B and C trees. This is a minimum area in m² which should be left undisturbed around each retained tree.

The RPA is calculated using the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.
The calculated RPA is capped to 707m², which is the equivalent to a circle with a radius of 15m. Where there appears to be restrictions to root growth the root protection area is reshaped to more accurately reflect the likely distribution of the roots.

"Toe out" type foundation

This is an indicative cross section of a "toe out" type foundation, other types of "tree friendly" foundations may be more suitable to your situation. This image is not to be relied upon for the purposes of foundation design and an architect, structural and or geological engineers or other suitably qualified persons should be contacted over the design and any other matters of construction, detailing or specification including matters of any standards or regulatory requirements relating to design or structural matters.

Project:
15a Parliament Hill,
London,
NW3 2SY.

Client:
Miss K. Woollacott

Drawing:
Arboricultural Impact Assessment

Based on:
Gr 000Pground & B P0 0-1 bsmtnt

Drawing No: Arbtech AIA 01	Rev: 	
Date: Dec 2014	Scale: 1:100 @ A1	Drawn: MGM

Key:

Tree Nos.:	?	Tree Canopies:		Trunks:	
RPAs:		Category 'U' trees:		Category 'B' trees:	
Category 'C' trees:		Trees to be removed:		Existing site:	
Incursions:					

All dimensions should be checked on site. No dimensions are to be scaled from this drawing. Please refer to any discrepancies found. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based.
This drawing is designed to select the principles of the layout or design only, and relates only to the protection of retained trees.
This drawing is not to be read as a definitive part of the engineering or construction design or method statement. An architect or structural engineer should be contacted over any matters of construction, detailing or specification and for any standards or regulatory requirements relating to proposed structure, tree retention or underground services.
This drawing was produced in colour - a monochrome copy should not be relied upon.
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