Alderwood
Consulting Limited

Stuart Bone
Director
PWP Architects
61 South Street
HAVANT
PO9 1BZT

My Ref: D2074AIAL1

11th December 2020

Dear Stuart,

RE: LAND AT SILVER STREET, SOUTHSEA, PORTSMOUTH
PROPOSED REDEVELOPMENT
PRELIMINARY ARBORICULTURAL CONSIDERATIONS

I have visited the above site and assessed trees in the context of potential residential development. Preliminary assessment points and considerations relating to trees are set out below.

- Trees on the site have been assessed and recorded in a tree schedule and on a site survey.
- The schedule and assessments are in accordance with the recommendations in BS5837:2012 – *Trees in relation to design, demolition and construction – Recommendations*, the standard reference for assessing trees in a development context.
- The schedule and assessment will be provided to the Local Planning Authority as part of the arboricultural impact assessment in support of the planning application.
- Notwithstanding the tree preservation order relating to the site, tree condition and quality is variable, with occasional trees of individual specimen merit or significance.
- Most of the trees are close to the site boundaries.
- The development proposals will seek to retain trees where it is reasonable and safe to do that, and protect them in accordance with the BS5837 recommendations.

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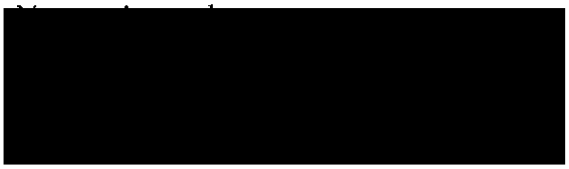
AA Registered CONSULTANT trees.org.uk

- Retained trees will influence the development layout, which should avoid disturbance within root protection areas and minimise issues relating to occupancy e.g. sunlight, daylight, shading and dominance.
- Site access and services into and out of the site will be planned to keep any adverse impact on retained trees to an acceptable minimum.
- Protection measures will include temporary fencing in accordance with the BS5837 recommendations and specifications.
- Trees may need to be managed anyway, regardless of development e.g., ash affected by ash die-back.

I believe that covers most of the key tree considerations. I am confident that with proper attention to root protection areas in the development layout there will be little risk of significant harm to retained trees; and the development may bring additional benefits in the form of more dynamic management of trees and hedges; and landscape planting that will enhance the current tree population, in terms of quality, quantity and species diversity.



Jonathan Fulcher **DipArb FArborA**

Appendix 2
Silver Street, Southsea
Tree Schedule and Explanatory Notes

Tree No	TPO No	Species	Height (m)	Trunk Diameter (cm)	Crown spread (m)		Crown height above ground	Life stage	General observations	Estimated remaining contribution in years	BS 5837 cat	Root protection distance (m)
413	**T2**	Hornbeam	13	64	6	6	4	EM	Multiple stems from 2m	40+	A	7.8
					6	6						
414	**T4**	Whitebeam	8	56	4	4	2.5	M	Multiple stems from 2m with tight forks. Extensive fungal fruiting bodies at base appearing to be honey fungus.	<10	U	N/A
					4	4						
415	**T5**	Ash	9	28+27	5	5	1.5	EM	Two stems from 0.5m, poor crown form and die-back	10+	C	4.5
					5	5						
416	**T6**	Hornbeam	10	72	5	5	3.5	EM		40+	A	8.7
					5	5						
417	**T7**	Ash	9	M<29	5	5	4	EM	Multiple stems from 0.5m, extensive die-back, low vigour	<10	U	N/A
					5	5						
420	**T10**	Whitebeam	9	63 over ivy	4	4	3	EM	Multiple stems with poorly formed branch junctions, dense ivy into middle crown	10+	C	6.0
					4	4						
421	–	Cherry	9	44	1	5	1.5	EM	One-sided, suppressed, multiple stems with stems rubbing	10+	C	5.4
					5	5						
422	**T11**	Holly	7	21	2.5	2.5	1	EM	One-sided, suppressed, die-back, low vigour	<10	U	N/A
					2.5	2.5						

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Tree No	TPO No	Species	Height (m)	Trunk Diameter (cm)	Crown spread (m)		Crown height above ground	Life stage	General observations	Estimated remaining contribution in years	BS 5837 cat	Root protection distance (m)
423	**T12**	Scots pine	10	53 over ivy	6	3	3	EM	Dense ivy into lower crown, slightly one-sided, occasional large dead wood	40+	A	6.3
					3	4						
N1	**T13**	Ash	10	36+32+32	6	6	2	SM	One stem dead, second stem low vigour	10+	C	6.9
					6	6						
426	**T1**	Cherry	5	28	3	2	1.5	SM	Very one-sided, poor form	10+	C	3.3
					2	1						

Appendix 2
Silver Street, Southsea
Tree Schedule and Explanatory Notes

Explanatory Notes

Abbreviations:

m	: Metre
nm	: Not measured
>	: Greater than
<	: Less than

Botanical tree names:

Ash	: *Fraxinus excelsior*
Cherry	: *Prunus* sp
Holly	: *Ilex aquifolium*
Hornbeam	: *Carpinus betulus*
Whitebeam	: *Sorbus aria*

- **Tree number:** Trees are numbered consecutively as far possible based on attached numbered tree tags or numbers taken from e.g. a site topographical survey to aid in cross-referencing.

- **TPO number:** Trees included in the tree preservation order relating to the site are indicated with the TPO First Schedule tree number in **bold**.

- **Species:** Species identification is based on visual observations.

- **Height:** Height is estimated to the nearest metre.

- **Trunk diameter:** Trunk diameter for accessible trees has been measured with a diameter tape and recorded in centimetres.

- **Crown spread:** Crown spread for trees within the site is estimated at the four cardinal compass points. The distances given as appropriate correspond to crown spreads to the four cardinal compass points as shown in the grid below:

N	E
W	S

- **Crown height above ground:** The height of the crown clearance above the ground over the site is estimated to the nearest 0.5m.

- **Life stage:** The life stage categories correspond to the classes given in BS 5837:2012, which are Young (Y), Semi-mature (SM), Early Mature (EM),

Mature (M) and Over-mature (OM). There are no over mature or veteran trees included in the schedule.

- **General observations:** These comment on the health and physiological and structural condition of the tree, with management recommendations where appropriate.

- **Estimated contribution in years:** <10, 10+, 20+, 40+, as advised in BS 5837:2012.

- **BS 5837 category:** As advised in BS 5837:2012. This grading is based on the estimated remaining contribution in years i.e. A - more than 40; B – 20-40; C – 10-20; U – less than 10.

- **Root protection area:** The area of root protection should be equivalent to the area of a circle centred on the tree with a radius of least 12 times the trunk diameter. This column gives the radius of such a circle; the distance may not be the same as the distance for protective fencing.

Plan AC1

Alderwood Consulting Limited

Preliminary Tree Plan for Arboricultural Impact Assessment

Proposed development at Silver Street, Southsea, Portsmouth	Report Ref: D2074AIAL1

Location of trees with tree schedule numbering indicating extent of BS5837:2012 root protection areas for trees proposed for retention

Key

555	Location of trees suitable for retention indicating BS5837 root protection area

The original of this drawing was produced in colour. A monochrome copy should not be relied upon.

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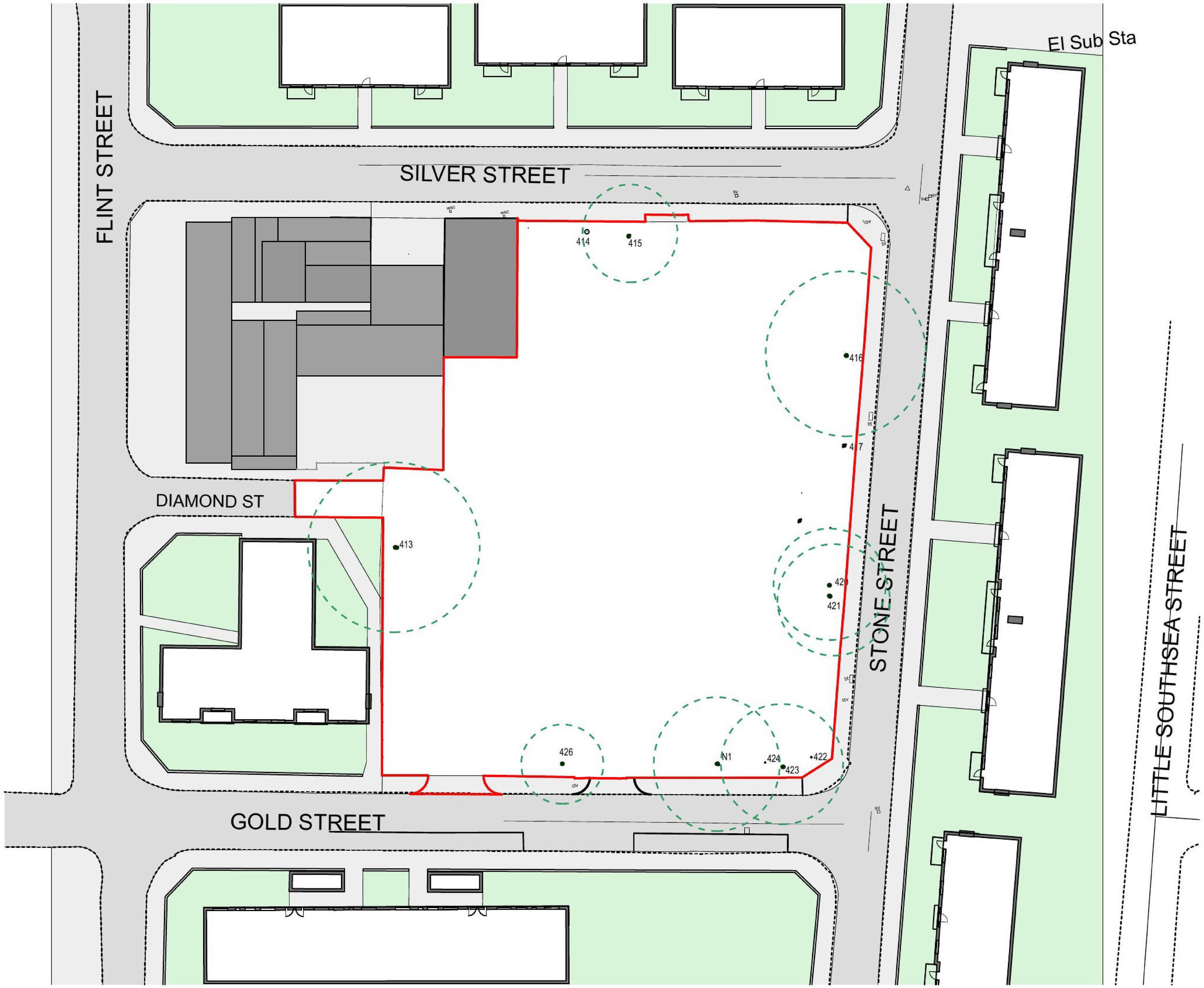

0. GF-Ground Floor (5) 1:500

N

revisions & notes:

0 100mm @A3

Note: All dimensions to be checked on site by the contractor before fabrication and erection. Figured dimensions to be taken in preference to scaled dimensions. This drawing is the copyright of the architects and must not be reproduced or used without their express consent, except for the purposes of a planning application. Electronic issue of this drawing to be confirmed by paper hard copy only.

project:	Silver Street Southsea Portsmouth
drawing name:	Tree Locations
status:	Planning Application
date:	11.12.2020
scale:	1:500
drawn:	JS

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Project No. **5293** drawing No. 1001 rev