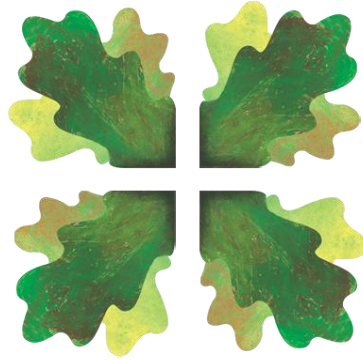


# BS5837:2012 Tree Survey



**DOUG PRATT**  
TREE CONSULTANCY

Forder Cottage, Forder Valley, Plymouth PL6 5QR

16<sup>th</sup> June 2021

Ref: 2146/TS



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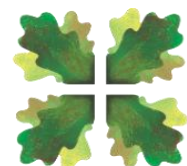


QTRA  
registration no.  
1192

## TREE SURVEY NOTES:

Tree No.	Number on plan and in survey data table *Indicates trees or tree groups not shown by topographical survey
Species	Tree species with <i>botanical</i> name when first listed
Height (Ht.).	Estimated height, including boundary feature such as a bank, if the tree grows on top
Dia. or $\emptyset$	Stem diameter estimated in millimetres at 1.5m above ground level MS indicates multiple stems, where there are multiple small diameter stems of less than 100mm E indicates a rough estimate B is a basal estimate
Crown extents	Estimated on the four compass points, or extent over site from tree groups.
Height of crown clearance (HCC)	The height to the lowest branch attachments and first significant branch and direction of growth
Age Class	Young (Y) Sapling Semi Mature (SM) First ¼ natural life span Early Mature (EM) Second ¼ natural life span Mature (M) Third ¼ natural life span Late Mature (LM) Final ¼ natural life span, start of declining/retrenching crown Veteran (V) From LM into senescence, and/or experienced numerous storm damage/failure events with associated wounds and decay.
Condition & recommended works	Physiological as vitality; good, fair, poor or dead. Structural with recommended works 1° - Primary 2° - Secondary 3° - Tertiary
Action and/or comments	Recommendations for tree work where observed as necessary, including further investigations of suspected defects which may require more detailed assessment. If blank no works are recommended.
ERC.	Estimated remaining contribution in years: Less than 10 years; 10-20 years; 20 - 40 years; more than 40 years. BS5837 infers 'contribution' in an urban context
Cat.	BS5837 Category: A Red; B Blue; C Grey; U Red
Root Protection Area (RPA)	The root protection in m <sup>2</sup> , as area and/or radial distance as measured from the centre of the tree stem. For linear features a buffer may be recommended, to be measured from tree stems facing the site RPAs are capped at 707m <sup>2</sup> or 15m radial distance

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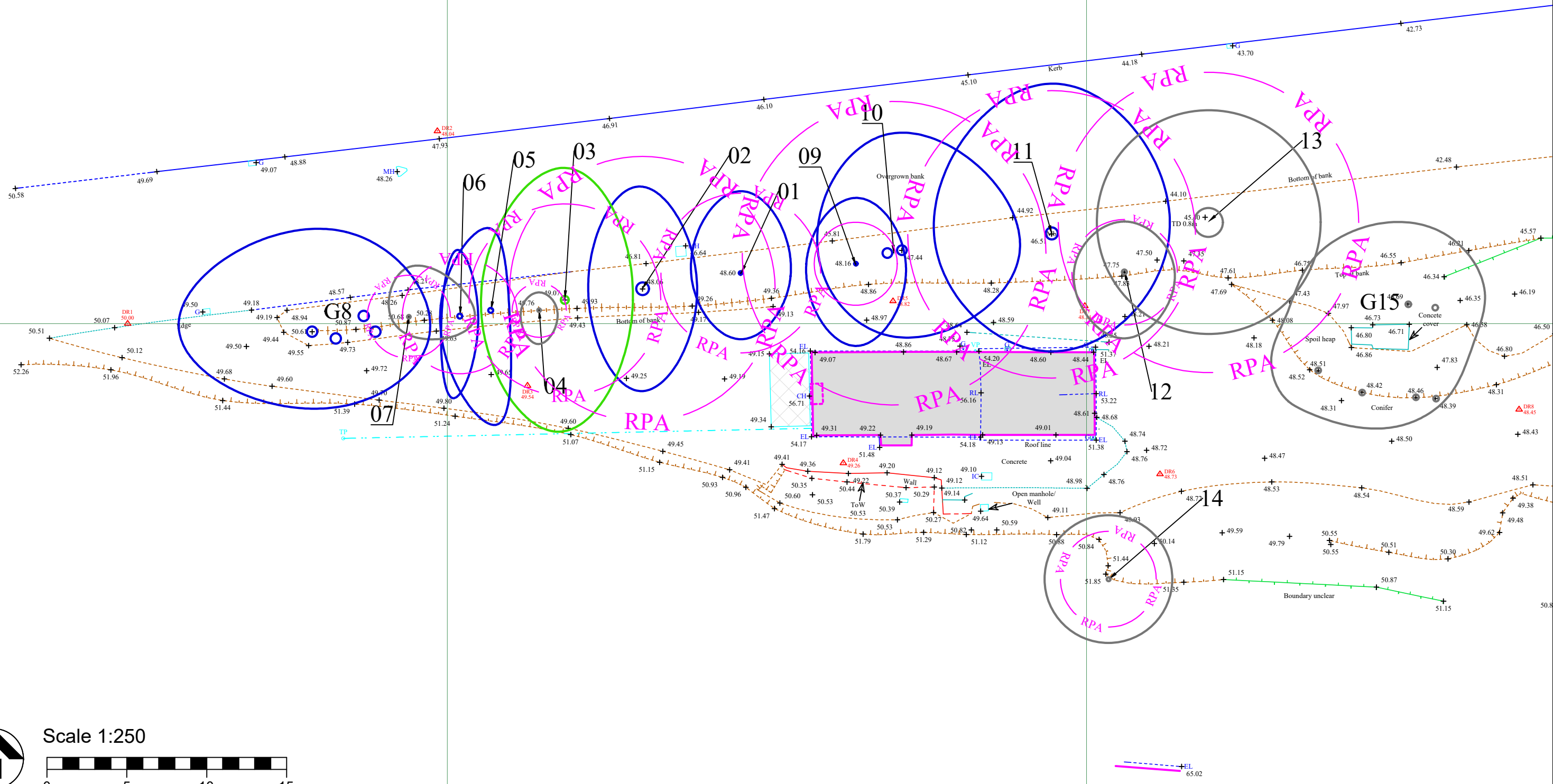
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### TREE SURVEY DATA

Tree Ref. No.	Species	Ht. (m)	Dia. (mm)	Crown spread (m)				HCC (m)	Age Class	Condition	Action and/or comments	ERC	Cat.	RPA (m <sup>2</sup> )	Radial RPA (m)
				N	E	S	W								
01	Sycamore x 2 <i>Acer pseudoplatanus</i>	10	220 350	5	3	4	3	0 - 1	M	Fair vitality and fair structural condition		40	B1	77	5.0
02	Sycamore x 3	20	400x3	6	3	6	3	0 - 2	M	Good vitality and fair structural condition		40	B1	217	8.3
03	Oak <i>Quercus robur</i>	12	500	8	4	8	5	3	M	Good vitality and fair structural condition		40	A1	113	6.0
04	Hawthorn <i>Crataegus monogyna</i>	7	100x2	1	1	2	1	0	M	Fair vitality and fair structural condition		20	C1	9	1.7
05	Oak	10	300	5	1	7	3	2	M	Fair vitality and fair structural condition		40	B1	40	3.6
06	Oak	8	300	4	1	5	1	2	M	Fair vitality and fair structural condition		40	B1	40	3.6
07	Oak	8	220	3	4	1	1	1	EM	Fair vitality and fair structural condition		20+	C1	22	2.6
G8	Oak Ash <i>Fraxinus excelsior</i>	14	300 ave. 450 max.	5	3	4	8	0	M	Fair vitality and fair structural condition: • Ash has early onset ash dieback disease ( <i>Hymenoscyphus fraxineus</i> )		40	B2	40m <sup>2</sup> or 3.6m (r) per stem	
09	Sycamore	10	220	4	3	5	4	2	EM	Good vitality and fair structural condition		40	B1	22	2.6
10	Sycamore x 2	12	520 600	7	7	5	4	0 - 1	M	Good vitality and fair structural condition		40	B1	285	9.5
11	Sycamore x 2	14	550 500	9	7	7	7	0 - 2	M	Good vitality and fair structural condition		40	B1	250	9.0
12	Cherry <i>Prunus avium</i>	8	280	3	3	4	3	1.5	M	Fair vitality and fair structural condition		20	C1	35	3.3
13	Ash x 3	12	450x3	7	7	7	7	0 - 2	M	Poor vitality and fair structural condition: • Advanced ash dieback disease		10	C1	275	9.4
14	Ash	8	250 E	4	4	4	4	4	EM	Fair vitality and fair structural condition: • Ash has early onset ash dieback disease		10+	C1	28	3.0
G15	Sweet chestnut <i>Castanea sativa</i> Monterey cypress <i>Cupressus macrocarpa</i> Poplar <i>Populus spp.</i>	8 Max.	270 Max.	-	-	-	-	-	EM	Sweet chestnut is in good condition Cypress & poplar low grade trees		40	C2	-	-

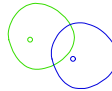
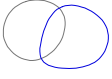






# Tree Constraints Plan - based on topographical survey PVT4721\_LS

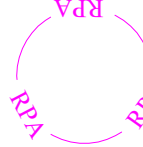



Scale 1:250



-  **Individual trees**  
with canopy spread estimated on compass points
-  **Tree groups**  
with approximate canopy extents over site

- Colour coding (BS5837:2012) - see report for definitions**
-  'A' Category
  -  'B' Category
  -  'C' Category
  -  'U' Category

-  Root Protection Area (RPA) as nominal circle
-  Trees for removal shown as dashed

 Shade arc (indicative)



Site: Forder Cottage, Forder Valley, Plymouth PL6 5QR

Title: Tree Constraints Plan

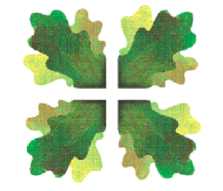
Date: 16/06/21

Scale: 1/250 at A3

Drawing No.: 2146/TCP

Rev. A

Drawing Status: CONSULTATION



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