

APPENDIX 1 - Tree Schedule – Flish Meadows, Cleator, Cumberland, CA23 3DS. Revision A 25 11 24

Tree ID	Common Name	Botanical Name	Height (m)	Calc. / Actual Stem Dia. (mm)	Crown spread (m)				Height (m) & Orientation of First Significant Branch	Avg. Canopy Height (m)	Life Stage	General Observations	Preliminary Recommendations	Estimated Remaining Contribution (Years)	BS5837: 2012 Category
					N	E	S	W							
T1	Beech	<i>Fagus sylvatica</i>	18m	1070	5	5	5	5	2.5m North	12m	Mature	Twin stem @ 2.2m, ivy on stem. Tree is in roadside verge so likely to be Council owned. On adjacent land. Bird nests noted.	Remove ivy off stem with hand tools. Check ownership.	20 - 40	B
T2	Oak	<i>Quercus robur</i>	16m	1350	5	5	4	6	1.9m West	10m	Over mature	Large burr outgrowth noted on stem. Deadwood in crown. High quality tree with a TPO on it. Tree has low branching over Flish Meadows road.	Remove deadwood, raise crown over road to prevent damage from tall vehicles. Ensure tree isn't damaged during any construction work.	40+	A
T3	Oak	<i>Quercus robur</i>	15m	600	6	6	5	3	3m South east	10m	Middle aged	Tree on adjacent land in property garden. Inter woven crown with adjacent T4. Some minor deadwood.	No work required.	20 - 40	B

APPENDIX 1 - Tree Schedule – Flosch Meadows, Cleator Moor, Cumberland, CA23 3DS (continued).

Tree ID	Common Name	Botanical Name	Height (m)	Calc. / Actual Stem Dia. (mm)	Crown spread (m)				Height (m) & Orientation of First Significant Branch	Avg. Canopy Height (m)	Life Stage	General Observations	Preliminary Recommendations	Estimated Remaining Contribution (Years)	BS5837: 2012 Category
					N	E	S	W							
T4	Ash	<i>Fraxinus excelsior</i>	16m	600	5	3	5	5	3m North west	12m	Middle aged	Tree on adjacent land in property garden. Inter woven crown with adjacent T3. Some minor deadwood. Ash dieback class 2/3, minor dieback.	No work required.	10 - 20	C
T5	Corkscrew willow	<i>Salix matsudana</i>	8m	280	2	2	2	2	0.5m North	4m	Middle aged	Tree on adjacent land in property garden. No visible defects.	No work required.	10 - 20	C
T6	Ash	<i>Fraxinus excelsior</i>	10m	200; 220	3	3	3	3	1.8m South east	6m	Young	Twin stem, growing out of hedge on adjacent land, From coppice origin. Early signs of ash dieback. Ivy on stem.	Remove ivy monitor for ash dieback.	10 - 20	C
T7	Ash	<i>Fraxinus excelsior</i>	17m	650	5	3	3	3	3.5m North east	10m	Middle aged	Poor form, leaning to north east, deadwood in crown. From coppice origin. Dieback noted class 3.	Consider coppicing.	10 - 20	C

APPENDIX 1 - Group / Hedge Schedule - Tree Schedule – Flish Meadows, Cleator Moor, Cumberland, CA23 3DS (continued).

Group ID	Common Names	Est. No. of Trees	Average Height (m)	Calc. / Actual Stem Dia. (mm)	Crown spread (m)				Life Stage	General Observations	Preliminary Recommendations	Estimated Remaining Contribution (Years)	BS5837: 2012 Category
					N	E	S	W					
G1	Sycamore and ash	60	15m	200					Middle aged	All the trees in the group have been part of a hedge that has been coppiced. The sycamore is generally reasonable condition but the ash is heavily impacted by ash dieback class 3 / 4 and lots of deadwood, some dead stems. Ivy on stems. Group is on the neighbouring land so ownership needs to be checked.	Consider coppicing the ash. Remove dead trees and deadwood. Remove ivy.	10 - 20	C
Hedge 1	<i>Hawthorn mainly with occasional elder, holly</i>		2.5m	70					Middle aged	Some dead stems within the hedge and some fallen trees.	Remove dead trees and replant with native species.	10 - 20	C
Hedge 2	<i>Hawthorn</i>		2m	80					Middle aged	Large gaps in hedgerow, in need of dead trees removing and gaps planting up.	Remove dead trees and replant with native species.	10 - 20	C
Hedge 3	<i>Ash with occasional elder</i>		0.5m	Under BS5837 threshold. Large stumps but at ground level.					Middle aged	Recently coppiced ash hedgerow. Has been coppiced previously and is on adjacent land.	No work required.	10 - 20	C
Hedge 4	<i>Hawthorn</i>		2m	40mm					Young	A more recent hedge planting within the neighbouring cemetery. Good condition, no gaps.	No work required.	10 - 20	C
Hedge 5	<i>Dog rose, berberis, broom</i>		1.5m	10mm					Young	On adjacent land, well maintained with few gaps within.	No work required.	10 - 20	C
Hedge 6	<i>Leyland cypress / dog rose</i>		1.5m	10 - 30mm					Young	On adjacent land, well maintained with few gaps within.	No work required.	10 - 20	C

* Our interpretation of BS5837 standard is that the categories cannot easily be applied to hedges as they rarely have significant arboricultural merit. They are however frequently purely functional, with any such value being itself dependent upon the use to which the surrounding land is put. Their potential life expectancy is also difficult to quantify being almost entirely dependent upon the management regime applied.

NOTES:

1. T5 may need some protection as this will be a main access road to the site. As its on neighbouring land care will be needed.
2. T2 is the most significant tree and whilst outside the development area it should be protected from vehicles parking or from accidental damage.
3. Tree protection measures will need to be adequately set out and managed during construction.