

Appendix 1.00

GLA 901	Land adjacent to Butchers Arms, Cheadle Road,,Forsbrook:Tree Survey 25th April 2023 GREENWAY LA LTD											
No	Species Latin (Common Name)	DBH (stem diameter @ 1.5m ht) (mm). BS5837 2012	Total height (m).	Clear stem (m).	Crown radii (m). N E W S	Age class	Condition / Status	SULE BS58 37 2012	Comment (All are in average to good health and condition, unless stated otherwise)	Retention category A (best) to C. U = (remove) Sub- category 1, 2 or 3	BS 5837 Root Protection Area for Work all Around a tree (m). (See RPA calculation sheet) See Appendix 5.2)	Impact of Proposals

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T1	Acer pseudoplatanus. (Sycamore.)	820	18.00	3.00	5.25/4.75 5.50/2.75	M/ OM	S/ST/RS	40+	Ivy clad to 5.00m thickly covering lower trunk. 40. snags from recent pruning will need corrective surgery in accordance with BS3998:2010 by a qualified tree surgeon (NPT certified). Tree is a good specimen with minor crossing limbs and worthy of preservation if at risk from development (i.e. TPO). The tree gives significant visual amenity to the surrounding areas and adjacent POS. Some minor soil compaction noted under trees canopy to be relieved during landscape operations.	2B	See Appendix 2.0)	RETAIN
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T2	Acer pseudoplatanus. (Sycamore.)	970	17.00	3.25	3.75/4.50 5.00/3.50	OM	ST/RS	40+	The tree have lightening strike damage which is callousing over giving the tree a lower status than T1 but collective with T3 gives good visual amenity as a group. The wounds are callousing over and some rot is present to the heartwood. Also recorded was a cavity feature on the southern side of the trunk at 1.50 - 2.75m but is callousing over well. A fused branch acting as a buttress is another interesting feature which should be retained as it braces the larger limb/bough. Some minor deadwood ecological pruning is considered appropriate (i.e. Crown Clean 10-15%). Some recent pruning as with T1 requires some minor corrective tree surgery (i.e. 5no snags) to avoid leaving sharp edges and ligatures. These works to be carried out by a qualified & certified tree surgeons to leave safe and in accordance with BS3998:2010. Relieve soil compaction as per T1 observation.	3C	See Appendix 2.0)	RETAIN
T3	Fraxinus excelsior (Common Ash)	500	16.50	2.75	1.25/4.75 4.75/4.75	M/ OM	ST/SR	40+	Minor dead limb at 2.50m to west of canopy to be removed (to be undertaken as per BS3998:2010 by a qualified tree surgeon). Some heartwood rot was noted but the bark is callousing over the wound. Relieve soil compaction as per T1 observation.	3C	See Appendix 2.0)	RETAIN

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T4	Fraxinus excelsior (Common Ash)	140	10.00	2.75	3.75/1.75 1.75/1.25	SM	ST	40+	Young tree (self-sown). No works required for aboriginal reasons.	3C	See Appendix 2.0)	REMOVE
T5	Fraxinus excelsior (Common Ash)	170 est.	10.00	3.00	2.75/1.50 4.00/2.25	SM/ EM	ST	40+	In a group of 3n Ash on boundary of site with public house (embankment). No works required for aboriginal reasons.	3C	See Appendix 2.0)	RETAIN
T6	Fraxinus excelsior (Common Ash)	190 est.	11.00	2.00	4.00/4.25 1.75/2.50	EM	S/ST	40+	Dominant trees in group of 3n.Ash (T5 & T7). No works required for aboriginal reasons.	3C	See Appendix 2.0)	RETAIN
T7	Fraxinus excelsior (Common Ash)	185,140	4.75	1.50	2.25/2.25 1.00/2.75	OM/ D	ST/D	0-10	On edge of embankment down to public house building which is immediately adjacent on boundary. Partially suppressed by T5, T6 & T10. No works required for aboriginal reasons.	3C	See Appendix 2.0)	RETAIN
T8	Unknown	-	-	-	-	-	D	0	Not present on date of tree survey (shown on Topographic Survey dated March 2020)	4U	See Appendix 2.0)	NOT PRESENT (removed)
T9a	Cupressus x leylandii (Golden Leyland Cypress)	260 est.	4.00	0.25	1.25/1.25 1.25/1.25	M	ST	10-20	May have been lopped in past as has a pollarded appearance with reshooting limbs at 1.50m. Stunted form. Poor.	3C	See Appendix 2.0)	Remove
T9b	Cupressus x leylandii (Golden Leyland Cypress)	260 est.	8.50	0.25	2.00/2.00 2.00/2.00	M	S	20-40	Sound although partially suppressed by T10 and T9a. No works required for aboriginal reasons.	3C	See Appendix 2.0)	REMOVE
T10	Cupressus x leylandii (Leyland Cypress)	190,180 160,140 140,130 110	10.00	4.50	3.00/4.00 3.25.2.75	M/ OM	RS/SR/ST	20-40	Multistem Conifer with several limbs of low crutch / pollard. Immediately adjacent to existing Public House with severely suppressed low canopy to southern side. Poor overall condition..	3C	See Appendix 2.0)	REMOVE

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T11	Fraxinus excelsior (Common Ash)	190,170 130	11.00	3.00	2.25/3.00 3.50/3.00	SM/ EM	RS/ST/SR	10- 20	Multi-stemmed Ash with 130mm diameter trunk already having been severed (sawn/cut), hanging leader in canopy and brash on the ground. Some signs of Ash 'Chalaria' dieback noted (Hymenoscyphus fraxineus) Unlikely to persist due to infection.	4U	See Appendix 2.0)	REMOVE
T12	Sambucus nigra (Elderberry)	200,170 130	1.75	1.75	0.50/0.50 0.50/0.50	OM	RS/ST/D	0	Multistemmed stump with canopy lying on floor having been recently felled. Poor	4U	See Appendix 2.0)	REMOVED (IN PART)
T13	Salix caprea (Goat Willow)	230 @ 0.50m	8.00	0.75	3.75/3.75 3.75/3.50	M	S	40+	Small stature giving some visual amenity to Cheadle Road. Retain if possible as a native. The species has a high water demand so the adjacent foundation proposed will need to be design in accordance with NHBC 4.2 and protected with a tree root barrier (i.e. Deeproot UB 48-2 or equivalent)	3C	See Appendix 2.0)	RETAIN
T14	Betula pendula (Silver Birch)	160	10.00	2.00	1.75,1.75 2.00,2.75	SM/ EM	S	40+	Good specimen (albeit small at present as young). Remove Bramble and minor deadwood to prune up trunk (dead feathers). No works required for aboricultural reasons.	3C	See Appendix 2.0)	RETAIN
T15	Unknown	0	-	-	-	-	D	0	Unknown stump, possibly of an old conifer.	4U	See Appendix 2.0)	REMOVED (IN PART)
T16	Unknown	0	-	-	-	-	D	0	Not present on date of tree survey (shown on Topographic Survey dated March 2020)	4U	See Appendix 2.0)	REMOVED

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H1	Ligustrum vulgare (Privet Hedge)	40-70	2.50-3.00	0.25	1.25/1.25 1.25/1.25	M	S	40+	Privet Hedge screens Cheadle Road. Located on top of an existing retaining wall the hedge being largely intact. Retain if possible as an important wildlife refuge / overwintering for invertebrates. The acoustic barrier should be fitted behind this hedge to soften the visual impacts on Cheadle Road.	3C	See Appendix 2.0)	RETAIN (PRUNE/ FACE UP & LOP)
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H2	Cupressus x leylandii (Leyland Cypress)	140-170	4.50-5.00	1.80-2.00	1.50/1.50 1.50/1.50	M	ST/RS/S	20-40	Lopped & faced up conifer hedgeline with lower canopy suppressed by close proximity to closeboard panels (some sections removed/ on the ground) Poor quality overall but forms a screen to the boundary. The conifers are planted far too close to the bungalow and could cause issues with the foundations on the eastern boundary (i.e. risk of heave if removed if soil has high clay content and/or potential root penetration into foundations if not designed with presence of conifers in calculations). Some care will be needed as it is understood the access ownership needs to be secured. Bungalow may need underpinning if tree root action has compromised foundations (this may need to be investigated by Structural Engineers to ascertain the status and condition of the existing foundations as tree removal could exacerbate structural integrity). Negotiating access might be problematic but this issue might be useful to discuss a workable solution. SI report recommended to ascertain precise conditions.	3C	See Appendix 2.0)	RETAIN (NOTE CONCERNS ABOUT PROXIMITY TO DWELLING)
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G1	Syringea spp.(Lilac var.), Berberis spp.(Barberry var.), Pyracantha spp. (Firethorn var.) Sambucus nigra (Elderberry), Juniper communis var.(Fastigate /Columnar form of ornamental Juniper)	Varies	2.00-3.75	0.25	1.75/1.75 1.75/1.75	M	S	20-40	Ornamentl planting off site in neighbouring bungalows garden on northern boundary behind breeze block walling. No works required.	3C	See Appendix 2.0)	RETAIN/ THICKEN
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Notes & Summary of Inspection:

1. Survey undertaken in accordance with BS5837:2012
2. Canopy and location accurately measured on inspection on Tuesday 25th April 2023 so that the RPA's and canopy (above ground and below ground constraints) can be devised to inform development proposals and protection of existing trees to be retained.
3. See RPA calculation sheet using formulae given in BS5837:2012 to provide area of Root Protection Area based on DBH measurement.
4. Measurements and empirical observations surveyed by Principal of Greenway LA Ltd (R.W Greenway BA,DipLA, M.Arbor.A.CMLI.)
5. The weather conditions were initially cold becoming milder, with dry bright sunshine and occasional light cloud cover.
6. The impact of the proposals are based on the architect's 'approved' layout as per the grant of consent for 3no. dwellings (.
7. In forming an access to the site H2 is not in the clients ownership.
8. I have recommended some further site investigation is undertaken to fully determine the nature and extent of root penetration into the adjacent bungalows foundations. The conifer species used as a hedge is a large

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commercial forestry evergreen that shouldn't be planted so close to a dwelling (i.e. within 5.0metres), and is a cause for concern (potential heave & throw is on a clayey soil). This will need to be investigated by a Structural Engineers and a full site investigation report might be useful in determining the current condition and status of the adjacent bungalows foundations and its ability to withstand the effects of root penetration from conifers literally planted only 1.50-2.00m from the corner of the dwelling (against all arboricultural advice if not protected by a root barrier or the foundation were specifically designed to not impeded root penetration).

9. The conifers are not in the applicants ownership but I understand these 8no conifers belong to the occupiers/ owners of no.2, East Bank Ride.