BS5837:2012 Tree Survey

Client: Seals
Project: Birches Lane
Survey Date: 13/12/2020
Surveyor: Mike Kiss

TTS (Midlands) Ltd
Ashleigh House
Cromford Road
Wirksworth
Derbyshire
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Tree and Tag No / Species	Hght (m)	Stems No	Stems Ø (mm)	Crown Spread (m)	Crown Clear (m)	Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations / Survey Comment	Cat ERC
G1										Estimated Measurements	
A Group - -	6	1	150	N	1	0 SM	A: 10.2 R: 1.8	Good	C: Fair S: Fair B: Fair	See Comment :: Unspecified Linear group of trees along roadside boundary to the north west of site. Group consists of predominantly hawthorn, also field maple, hazel, ivy. Growing on top of a shallow retaining wall. Trees obstructing visibility splay from bus stop to the south west of the group. Also contacting telecoms lines opposite Birches Avenue. Recommend reduce height to approximately 4m and trim roadside to give minimum 200mm lateral clearance from roadside. Subsequently manage as a hedge. Also, recommend additional pruning to provide increased visability splay from bus stop. UPDATED 13.12.20 post-clearance work: Slighlty fragmented group. Potential to impove function of hedgerow through additional planting and pruning operations to encourage dense regrowth. See main report for details and future managment options.	B.2 20 to 40 yrs

Age Classifications: N Newly planted; Y Young; SM Semi-mature; EM Early Mature; M Mature; OM Over Mature

Condition: C Crown; S Stem; B Basal area

Stems: Ø Diameter; (Eq) Equivalent stem diameter using BS5837:2012 definition

ERC: Estimated Remaining Contributio

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G2										Estimated Measurements	
A Group - -	6	1	150	N	1	0 SM	A: 10.2 R: 1.8	Good	C: Fair S: Fair B: Fair	See Comment :: Unspecified Linear group of trees along field boundary to the north east of site. Group consists of predominanty hawthorn, also ash and ivy. Recommend reduce height to approximately 3m. Subsequently manage as a hedge. UPDATED 13.12.20 post-clearance work: Indiviudal young ash to far east of group (diameter 280mm). RPA included within that of the group. Presence or extent of Chalara ash die back not assessed as tree not in leaf. Lateral spread of group encroaches on prime planting location within site (top of slope, maximum sunlight). Potential to impove function of hedgerow through pruning operations to encourage dense regrowth, and arboricultural value of area through planting. See main report for details and future managment options.	C.2 20 to 40 yrs
G3										Estimated Measurements	
A Group - -	5	1	150	N	1	0 SM	A: 10.2 R: 1.8	Good	C: Fair S: Fair B: Fair	See Comment :: Unspecified Linear group of young to semi-mature trees along field boundary to the south east of site. Group consists of predominantly hawthorn, also holly. Recommend reduce height to approximately 3m. Subsequently manage as a hedge. UPDATED 13.12.20 post-clearance work: Slighlty fragmented group. Potential to impove function of hedgerow through additional planting and pruning operations to encourage dense regrowth. See main report for details and future managment options.	C.2 20 to 40 yrs

Age Classifications: N Newly planted; Y Young; SM Semi-mature; EM Early Mature; M Mature; OM Over Mature

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G4										Estimated Measurements	
A Group - -	8	1	400	N	1	0 SM	A: 72.4 R: 4.8	Good	C: Fair S: Fair B: Poor	See Comment :: Unspecified Linear group of trees along field boundary to the south west of site. Group consists exclusively of Leyland cypress. Likely initally planted to form shelterbelt. Shallow brook just to the south west likely compromises rooting area. Several trees in the middle of the group have been windthrown, with entire rootplate of several trees having failed. Exposing rest of group to increased and unaccustomed wind loading. Recommend removal of group and replacement with more appropriate species. Alternatively, reduce height by approximately 6m. Further phased reduction may be required in the longer term. UPDATED 13.12.20 post-clearance work: Previously windthrown trees have been removed. Retained trees have been reduced to between 6-8m. See main report for future managment options.	C.2 10 to 20 yrs

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Y Young
SM Semi-mature
EM Early Mature
M Mature
OM Over Mature

Condition:
C Crown
S Stem
B Basal area

Stems:
Ø Diameter
(Eq) Equivalent stem diameter using BS5837:2012 definition

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