



LIZARD
Landscape Design and Ecology

EAST SUSSEX COUNTY COUNCIL

WILLINGDON COMMUNITY SCHOOL – PROPOSED SPORTS HALL CAR PARK

BROAD ROAD, WILLINGDON, EASTBOURNE, EAST SUSSEX

Existing Tree Schedule and Schedule of Tree Works

Project Reference:	LLD1287-ARB-SCH-001
Prepared By:	KM
Approved:	JJ
Date:	21.11.17
Revision:	00
Status:	Draft Issue

Ref.no.	Species	Diameter (@1.5 m height)	Height (approx.)	Spread (approx.)	Age Class / Contribution	Condition / Preliminary Management Recommendations	Cat.	Status
T 01	Sorbus sp. (Whitebeam) (2.1m Radius of nominal circle; 14.0m² RPA)	172 mm	6.0 m Clear Stem Height 1.8m	N 3.0 m E 4.5 m S 3.0 m W 2.5 m	Early Mature 10 yrs+	Whitebeam situated to the Broad Road school boundary as part of the frontage tree planting. Tree is becoming mature; of standard form carrying a crown of complex structure. Level to gently ascending branches held in the round; spreading more extensively to eastern aspect due to prevailing wind exposure. Superficial / minor welt noted to trunk.	C 1 2	Retain
T 02	Quercus sp. (Oak sp.) (1.5m Radius of nominal circle; 7.0m² RPA)	121 mm	7.0 m Clear Stem Height 2.0m	N 1.0 m E 2.0 m S 3.0 m W 1.0 m	Early Mature 10 yrs+	Situated to the Broad Road school boundary as part of the frontage tree planting; of standard form; entering early maturity. Crown relatively complex but partially suppressed form. Remnant torn stub noted below crown bole should be cleanly cut to reduce prolonged wounding.	C 1 2	Retain
T 03	Acer rubrum (Red Maple) (2.7m Radius of nominal circle; 23.0m² RPA)	223 mm	8.0 m Clear Stem Height 2.0m	N 2.0 m E 4.0 m S 4.0 m W 3.0 m	Semi Mature 20 yrs+	Situated to the Broad Road school boundary as part of the frontage tree planting; of standard form; rising with 2 no. principal co-dominant leaders from approx. 2.0m height. Leaders branch regularly with slender branches of initially upright habit becoming more wide spreading. Crown relatively complex carried more extensively to eastern aspect due to prevailing wind exposure. Remnant torn stubs noted below crown bole should be cleanly cut to reduce prolonged wounding.	B 1 2	Retain

Ref.no.	Species	Diameter (@1.5 m height)	Height (approx.)	Spread (approx.)	Age Class / Contribution	Condition / Preliminary Management Recommendations	Cat.	Status
TG 04	Tilia x europaea (3 no. Lime) (i) 3.6m Radius of nominal circle; 41.0m² RPA) (ii) 3.3m Radius of nominal circle; 34.0m² RPA) (iii) 3.0m Radius of nominal circle; 28.0m² RPA)	i) 283 mm ii) 261 mm iii) 229 mm	9.0 m Clear Stem Height 1.6 m (Average)	N 4.0 m E 6.0 m S 4.0 m W 4.0 m (Average)	Semi Mature 20 yrs+	3 no. Lime trees situated upon slight embankment to the Broad Road school boundary as part of the frontage tree planting; trees of standard form; becoming mature. Trees of broad rounded form with dense crowns of complex structure. Branches held level and arched to lower canopy; gently ascending becoming more steeply upright in habit above. No significant defects noted. Trees of good condition with potential to develop. Tarmac footpath in proximity above rootplate.	B 1 2	Retain
T 05	Prunus cerasifera (Plum Cherry) (1.8m Radius of nominal circle; 10.0m² RPA)	127 mm	4.0 m Clear Stem Height	N 2.0 m E 5.0 m S 2.0 m W 1.0 m	Semi Mature 10 yrs+	Situated to the Broad Road school boundary as part of the frontage tree planting; Shrub-like Plum Cherry. Congested windblown form; lacking meaningful quality.	C 1 2	Retain
T 06	Carpinus betulus (Hornbeam) (2.7m Radius of nominal circle; 23.0m² RPA)	223 mm	6.0 m Clear Stem Height 1.8m	N 4.0 m E 5.0 m S 4.0 m W 1.0 m	Semi Mature 10 yrs+	Tree of standard form located within grassed 'island' area becoming mature. Epicormic growth becoming developed to lower trunk. Complex congested crown structure. Canopy held predominantly to east with little branch extension to western aspect. Paved footpath in close proximity to rootplate. Tree proposed to be removed to accommodate the development proposals.	C 1 2	Remove

Ref.no.	Species	Diameter (@1.5 m height)	Height (approx.)	Spread (approx.)	Age Class / Contribution	Condition / Preliminary Management Recommendations	Cat.	Status
T 07	Carpinus betulus (Hornbeam) (3.3m Radius of nominal circle; 34.0m² RPA)	258 mm	7.0 m Clear Stem Height 1.8m	N 3.0 m E 7.0 m S 4.0 m W 1.0 m	Semi Mature 10 yrs+	Tree of standard form located within grassed 'island' area becoming mature. Epicormic growth becoming developed to lower trunk. Complex congested crown structure. Especially asymmetric canopy held to east with little branch extension to western aspect. Paved footpath in close proximity to rootplate. Tree proposed to be removed to accommodate the development proposals.	C 1 2	Remove
T 08	Carpinus betulus (Hornbeam) (3.3m Radius of nominal circle; 34.0m² RPA)	258 mm	7.0 m Clear Stem Height 1.5m	N 4.0 m E 6.0 m S 4.0 m W 2.0 m	Semi Mature 10 yrs+	Tree of standard form located within grassed 'island' area becoming mature. Epicormic growth extensive to lower trunk. Canopy held predominantly to east with little branch extension to western aspect. Paved footpath in close proximity to rootplate; telecom line carried through uppermost canopy. Tree proposed to be removed to accommodate the development proposals.	C 1 2	Remove
T 09	Carpinus betulus (fastigiata) (Fastigate Hornbeam) (1.2m Radius of nominal circle; 5.0m² RPA)	80 mm CSD	5.0 m Clear Stem Height NA	N 1.0 m E 1.0 m S 1.0 m W 0.5 m	Early Mature 10 yrs+	Tree of fastigate form located within grassed 'island' area. Relatively young / early mature specimen. Closely held branches of steeply upright habit rise about principle leader; co-dominant from approx. 1.0m height. Tree proposed to be removed to accommodate the development proposals.	C 1	Remove

Ref.no.	Species	Diameter (@1.5 m height)	Height (approx.)	Spread (approx.)	Age Class / Contribution	Condition / Preliminary Management Recommendations	Cat.	Status
T 10	Sorbus aria (Whitebeam) (1.2m Radius of nominal circle; 5.0m² RPA)	95 mm	3.0 m Clear Stem Height 0.5	N 0.75 m E 4.0 m S 0.75 m W 0.0 m	Young <10 yrs	Young tree yet to become established but severely inclined to eastern aspect. Little canopy development and extensive damage to lower stems above root collar such that the tree has extremely limited longevity and is essentially unviable for retention. Tree proposed to be removed due to condition.	U	Remove
T 11	Salix caprea (Goat Willow) (4.2m Radius of nominal circle; 55.0m² RPA)	335 mm CSD	9.0 m Clear Stem Height 2.5m canopy	N 2.0 m E 5.0 m S 5.0 m W 2.0 m	Mature <10 yrs	Multi-stemmed Willow located directly adjacent to school building. Whilst the tree is evidently able to sustain itself its structural condition is especially poor limiting practical viability in the existing school context. A number of established leaders have evidently been removed due to proximity of adjacent pathway. Rootplate exposure and malformed rootbole; included bark and stem unions of poor structural integrity. Several crossed stems; abrasion wounding - unoccluded splits evident. Tree proposed to be removed due to condition.	U	Remove
T 12	Fraxinus excelsior (Ash) (1.2m Radius of nominal circle; 5.0m² RPA)	80 mm	3.0 m Clear Stem Height NA	N 1.0 m E 2.0 m S 1.0 m W -.0 m	Young <10 yrs	Young Ash tree planting; yet to develop significant form.	C	Retain

CATEGORY DIVISION - BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'

Trees to be considered for retention

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| <p>Category A</p> <ul style="list-style-type: none"> - Trees whose retention is most desirable to include; trees of high quality having an estimated longevity of over 40 years; <p>Category B</p> <ul style="list-style-type: none"> - Trees where retention is desirable to include; trees of moderate quality having an estimated longevity of over 20 years; <p>Category C</p> <ul style="list-style-type: none"> - Trees of low quality having an estimated longevity of over 10 year, or young trees with a stem diameter below 150mm; | <p>1. Mainly Arboricultural Qualities</p> <ul style="list-style-type: none"> - Trees that are particularly good examples of their species, especially if rare or unusual - Trees that might be included in the higher category, but because of significant impaired but remediable condition are downgraded - Trees in adequate or impaired condition, or those which can be retained with minimal tree surgery, but not worthy for inclusion in the high or moderate category | <p>2. Mainly Landscape Qualities</p> <ul style="list-style-type: none"> - Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features - Trees present in numbers offering a higher collective categorisation than as individually rated; trees occurring in groups but due to situation, offering little contribution in the context of the wider locality - Trees present in numbers without having significant landscape value | <p>3. Mainly cultural values, including conservation</p> <ul style="list-style-type: none"> - Trees of significant historical, commemorative or other value, or good specimens of rare or unusual species - Trees having some material conservation or cultural value - Trees having no material conservation or other cultural value |
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Trees unsuitable for retention

Category U - Trees not for retention within the context of existing land use;

- Trees that are unviable due to serious, irremediable structural defect; early loss is expected due to collapse;
- Trees that are dead or showing signs of significant, immediate, irreversible decline;
- Trees infected with pathogens of significance to health and subsequent safety, and threat thereof to trees nearby;
- Trees of very low quality suppressing the development of those of greater quality;
- Trees that will become unviable after the removal of other trees for reasons above.

CSD – Combined Stem Diameter;

- Root Protection Areas calculated for multiple stemmed trees based upon a combined stem diameter in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'.

- The location and constraints of surveyed existing trees and vegetation are illustrated within drawing; LLD1287-ARB-DWG-001 – Tree Constraints Plan.
- The proposed development impact upon existing trees and protection measures is illustrated within drawing; LLD1287-ARB-DWG-002 – Tree Retention and Protection Plan.



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