ARUN DISTRICT COUNCIL EP2/15/RES

WEST SUSSEX COUNTY COUNCIL.

THE MARTLETS
EAST PRESTON, WEST SUSSEX

Existing Tree Schedule and

Arboricultural Assessment

Approved By: Joe Jackson

Signed: .....

Position: Principal

Date: 09th January 2015

Rev: 01

January 2015 –Planning Issue

LLD792/TB/REV01.09.01.15

Lizard Landscape Design, 19 Broadwater Street East, Worthing, West Sussex, BN14 9AA

ARUN DISTRICT COUNCIL EP2/15/AWS

Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
T 01	Laurus nobilis. *(Bay Laurel)* ***(4.8 m Radius of nominal circle; RPA 72 m²)***	400 mm CSD (Approximate)	8.0 m Clear Stem Height N/A	N 3.0 m E 4.0 m S 6.0 m W 4.0 m	Life Stage: Mature Estimated Remaining Contribution: +10 Years	A Bay Tree which is multi-stemmed with several mature stems growing from the base. The tree has a clear stem to 1.5m height where several branches grow erratically into the canopy. The branches are horizontal to ascending creating a domed canopy which has extra growth to the western aspect. There is some dead foliage throughout the canopy and Ivy to the base of the tree. The tree is located within the adjacent property. ***Ground Protection Works: A No Dig construction shall be implemented to accommodate the vehicle footpath access proposals.***	C 1 2	**Retain**
T 02	Salix caprea. *(Goat Willow)* ***(4.5 m Radius of nominal circle; RPA 64 m²)***	353 mm	9.0 m Clear Stem Height 2.0 m	N 4.0 m E 4.0 m S 4.0 m W 4.0 m	Life Stage: Semi-mature Estimated Remaining Contribution: +10 Years	A single-stemmed specimen to 2.0m height, where it divides into several upright stems which continue dividing up into the canopy. The lower branches are horizontal, becoming gently ascending creating a symmetrical canopy which is domed in form. The tree has a distinctive bark which is split with a dark orange inner core. The tree is located within close proximity to the eastern boundary wall and is impeded by the surrounding vegetation. ***Tree proposed to be removed to accommodate the development proposals.***	C 1	**Remove**

ARUN DISTRICT COUNCIL EP2/15/AMD2

Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
T 03	Prunus sp. *(Ornamental Cherry)* ***(2.1 m Radius of nominal circle; RPA 14 m^2)***	172 mm	8.0 m Clear Stem Height 2.5 m	N 2.5 m E 2.5 m S 2.5 m W 2.5 m	Life Stage: Semi-mature Estimated Remaining Contribution: +10 Years	A slim specimen with a clear stem to approx. 2.5m height. The branches are horizontal, only becoming ascending towards the crown, creating a canopy which is pyramidal in form. The canopy is even and open in habit and this tree has potential to become a good quality specimen as it matures. ***Tree proposed to be removed to accommodate the development proposals.***	C 1	**Remove**
SH 04	***Mixed-Species Shrub Group:*** Griselinia littoralis *(New Zealand Privet);* Hedera helix *(Ivy);* *Rubus fruticosus* *(Bramble);* *Pittosporum tenuifolium 'Variegata';* *Lonicera nitida* 'Baggesen's *Gold*'	N/A	1.5 – 3.0m	As shown	Life Stage: Young Estimated Remaining Contribution: 10+ Years	2 no. New Zealand Privet are dominant within this group of shrubs, which surround Trees T01-05. The area was once a formal bed but, due to lack of maintenance, has become overgrown and is interspersed with Ivy and Bramble. ***Shrubs proposed to be removed to accommodate the development proposals.***	C 2	**Remove**

ARUN DISTRICT COUNCIL EP2/15/AB/3

Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
TG 05	Cupressocyparis leylandii *(Leyland Cypress);* Chamaecyparis pisifera *(Sawara False Cypress)* ***(1.8 m Radius of nominal circle; RPA 10 m^2 Average)***	165 mm (Average)	4.5 m (Average)	N 1.0 m E 1.0 m S 1.0 m W 1.0 m	Life Stage: Semi-mature Estimated Remaining Contribution: 10+ Years	A group of 3 no. small trees which are located to the front of the shrub border to the south east corner of the site. The group contains 2 no. Leyland Cypress and 1 no. Sawara False Cypress. The trees are aesthetically in poor condition with much dead foliage to the lower half of the Leyland Cypress trees. Branches are strongly ascending within the Leyland Cypress, forming a conical shaped tree and the Sawara False Cypress has a clumped form. There is Ivy to the base of the tree group. ***Shrubs proposed to be removed to accommodate the development proposals.***	C 2	**Remove**
SH 06	***Mixed-Species Shrub Group:*** Prunus laurocerasus *(Cherry Laurel);* Hedera helix *(Ivy); Rubus fruticosus (Bramble); Lonicera pileata* (Lonicera sp.); Cotoneaster horizontalis *(Cotoneaster sp.);* Rosa canina *(Dog Rose);* Sambucus nigra *(Elder);* Laurus nobilis *(Bay);* Acer pseudoplatanus *(Sycamore); Pyracantha Soleil* d'Or *(Firethorn).*	N/A	2.0 – 4.0 m	As shown	Life Stage: Young Estimated Remaining Contribution: 10+ Years	Originally a formal shrub border to the southern boundary. This area of vegetation has become overgrown due to lack of maintenance and currently extends the full length of the southern boundary with a mixture of scrub and shrub species. Ivy extends from the ground up to the top of the southern wall and specimens of self-seeded Sycamore and Elder grow between the boundary shrub planting. ***Shrub proposed to be removed to accommodate the development proposals.***	C 1	**Remove**

ARUN DISTRICT COUNCIL EP2/15/AMD2

Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
T 07	Betula pendula *(Silver Birch)* ***(4.8 m Radius of nominal circle; RPA 72 m^2)***	395 mm	10.0 m Clear Stem Height 1.5 m	N 5.0 m E 5.0 m S 5.0 m W 5.0 m		This Birch tree is located within the adjacent property to the western edge of the site area and is situated within close proximity to the dividing fence line. The tree has a mature, clear stem to approx. 1.5m height where the branches hold to the east due to the close proximity of the adjacent wall. The branches then grow with an ascending habit up into an erratically shaped canopy with pendulous foliage. The canopy is open and holds more strongly to the south east with sparse areas to the north. Some tree surgery work has been undertaken to the tree canopy. There is heavy Ivy cladding to the main trunk.	B 1 2	**Retain**

ARUN DISTRICT COUNCIL EP2/15/AWS

Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
SH 08	***Mixed-Species Shrub Group:*** Hydrangea sp.; Hedera helix *(Ivy);* Cotoneaster horizontalis *(Cotoneaster sp.);* *Rubus fruticosus (Bramble).*	N/A	3.0 m	As Shown	Life Stage: Young Estimated Remaining Contribution: 10+ Years	An existing shrub bed which has become overgrown and unmanaged with Ivy and Bramble being predominant. The Ivy extends from this area around the adjacent building and across the surrounding hard area. ***Shrubs proposed to be removed to accommodate the development proposals.***	C 1	**Remove**
SH 09	***Mixed-Species Shrub Group:*** Hedera helix *(Ivy);* *Rubus fruticosus (Bramble);* Sambucus nigra *(Elder).*	N/A	3.0 m	As Shown	Life Stage: Young Estimated Remaining Contribution: 10+ Years	An overgrown area of self-seeded scrub to the eastern boundary, predominantly consisting of Ivy, Bramble and Elder. Due to its condition the scrub vegetation should ideally be removed. ***Shrubs proposed to be removed to accommodate the development proposals.***	C 1	**Remove**

ARUN DISTRICT COUNCIL EP2/15/AMD2

Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
T 10	Tilia x euchlora *(Caucasian Lime)* ***(3.6 m Radius of nominal circle; RPA 41 m^2)***	290 mm	9.0 m Clear Stem Height 0.5 m	N 3.0 m E 3.0 m S 3.0 m W 3.0 m	Life Stage: Mature Estimated Remaining Contribution: 10+ Years	This specimen has a clear stem to approx. 3.5m height, with a small amount of regenerated growth to the base of the tree. At 3.5m height thick horizontal branches radiate outwards, become ascending to the top half of the tree. The foliage held on the branches is pendulous in habit. The canopy is even in form and dome shaped to ground level. There is some dead wood to the western aspect, creating a flat patch within the canopy. Some tree surgery work has been undertaken to the canopy. A good specimen. ***Tree proposed to be removed to accommodate the development proposals.***	B 1 2	**Remove**

ARUN DISTRICT COUNCIL EP2/15/AMD

Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
T 11	Prunus sp. *(Ornamental Cherry)* ***(3.6 m Radius of nominal circle; RPA 41 m²)***	287 mm	7.0 m	N 1.0 m E 1.0 m S 1.0 m W 3.0 m	Life Stage: Mature Estimated Remaining Contribution: 40+ Years	A poor specimen which is Ivy clad high into the crown and has some dead, damaged wood to all aspects. The growth to the crown of the tree is dead and is surrounded by living growth which appears to be regenerated from a central stump. The branches are erratic in habit and hold to the east, overhanging the site boundary. There is Bramble and Ivy to the base. The tree is in a poor condition with signs of rot at the base and a bracket fungus growing on its westerly aspect. ***Tree proposed to be removed to accommodate the development proposals.***	U	**Remove**
T 12	Ilex aquifolium ***(4.2 m Radius of nominal circle; RPA 55 m²)***	350 mm CSD (Approximate)	4.0 m	N 1.0 m E 1.0 m S 1.0 m W 1.0 m	Life Stage: Semi-mature Estimated Remaining Contribution: 10+ Years	A compact specimen that is engulfed by Ivy from approx. 2.0m height. The Ivy is tight to the tree's base, restricting the growth to the east and obscuring the top of the tree. The tree is multi-stemmed from the base with small horizontal branches radiating from the lower trunk. ***Tree proposed to be removed to accommodate the development proposals.***	C 2	**Remove**

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Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
H 13	***Hedge line;*** Cupressocyparis leylandii *(Leyland Cypress)* ***(1.5 mm Radius of nominal circle)***	118 mm	9.0 m	As Shown	Life Stage: Mature Estimated Remaining Contribution: +10 Years	A compact Leyland Cypress tree line which creates a dense and tall hedge to the eastern boundary. The hedge consists of approximately 22 no. trees as close spacings which provide a dense vegetation screen. There is some dead foliage to the outer and centre of the trees. There is some Ivy to the base. The hedges are maintained to the eastern Highway edge. ***Hedge line proposed to be removed to accommodate the development proposals.***	C 2	**Remove**
T 14	Pinus sylvestris *(Scots Pine)* ***(8.7 m Radius of nominal circle; RPA 238 m^2)***	700 mm	14.0 m Clear Stem Height 4.0 m	N 7.0 m E 7.0 m S 7.0 m W 7.0 m	Life Stage: Mature Estimated Remaining Contribution: 40+ Years	A visually strong Scots Pine tree which is located on the adjacent highway verge to the northern edge of the site. The tree has a clear stem to approx. 4.0m height where it forks lightly to the south. The tree trunk has a slight lean to the east and then becomes upright. Branches are erratic in form being both horizontal and ascending and becoming gently descending to the tips of the branches. The tree has an open canopy and is a dominant tree within the area. ***Ground Protection Works:*** ***A No Dig construction shall be implemented to accommodate the development proposals.***	A 1 2	**Retain**

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Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
T 15	Taxus baccata *(Yew)* ***(6.3 m Radius of nominal circle; RPA 124 m^2)***	516 mm	10.0 m Clear Stem Height 2.0 m	N 4.5 m E 4.5 m S 4.5 m W 4.5 m	Life Stage: Mature Estimated Remaining Contribution: 20+ Years	This Yew tree has a clear stem to 2.0m height where it holds lateral to ascending branches which create a domed canopy. The lower northern canopy is sparse, whilst the rest of the canopy is dense in growth. There is evidence of Ivy removal to the centre of the tree and also of tree surgery work. The tree is located on the adjacent Highway verge to the northern edge of the site. ***Ground Protection Works: A No Dig construction shall be implemented to accommodate the development proposals.***	B 1 2	**Retain**

ARUN DISTRICT COUNCIL EP2/15/APP/3

Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
T 16	Taxus baccata *(Yew)* ***(9.0 m Radius of nominal circle; RPA 255 m²)***	732 mm	8.0 m Clear Stem Height 2.0 m	N 4.0 m E 4.0 m S 4.0 m W 4.0 m	Life Stage: Mature Estimated Remaining Contribution: 20+ Years	A mature Yew specimen with a clear stem to 2.0m height, which then divides erratically and many times with mature ascending to horizontal branches held on a central stem. The central stem is upright to the crown. There is some Ivy and less foliage to the centre of the tree and some branches have been removed to the outer canopy. The tree is impeded on by T15 to the north creating a thinner canopy to this aspect. The canopies of T15 & T16 are sparse to the road side, partly due to tree surgery. The tree is located on the adjacent Highway verge to the northern edge of the site. ***Ground Protection Works: A No Dig construction shall be implemented to accommodate the development proposals.***	B 1 2	**Retain**
T 17	Quercus robur *(Oak)* ***(2.4 m Radius of nominal circle; RPA 18 m²)***	197mm	6.0 m Clear Stem Height 2.0 m	N 4.0 m E 2.0 m S 1.0 m W 4.0 m	Life Stage: Semi-mature Estimated Remaining Contribution: 10+ Years	A small-medium Oak tree which is located on the adjacent Highway verge to the north western edge of the site. The tree has a clear stem to approx. 2.0m height, which leans strongly to the west, where horizontal branches form a pyramidal canopy. The canopy is fairly even in form with a single branch extending to the west. It is possibly a self-seeded specimen.	C 1 2	**Retain**

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Tree No.	*Species.*	*Diameter mm @1.5m height*	*Height m (approx)*	*Spread m (approx)*	*Age*	*Condition / Preliminary Recommendations*	*Category*	*Status*
SH 18	Mixed Species Shrub Group Hedera helix *(Ivy);* *Rubus fruticosus* *(Bramble);* Laurus nobilis *(Bay; Ilex aquifolium (Holly);* *Lonicera sp. (honeysuckle).*	N/A	3.0 m	As Shown	Life Stage: Young Estimated Remaining Contribution: 10+ Years	Scrubby spontaneous growth to the base of a building. ***Hedge line proposed to be removed to accommodate the development proposals.***	C 1	**Remove**

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

Trees to be considered for retention	***1.*** *Mainly Arboricultural Qualities*	***2.*** *Mainly Landscape Qualities*	***3.*** *Mainly cultural values, including conservation*
Category A - *Trees whose retention is most desirable to include; trees of high quality having an estimated longevity of over 40 years;*	- Trees that are particularly good examples of their species, especially if rare or unusual	- Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	- Trees of significant historical, commemorative or other value, or good specimens of rare or unusual species
Category B - *Trees where retention is desirable to include; trees of moderate quality having an estimated longevity of over 20 years;*	- Trees that might be included in the higher category, but because of significant impaired but remediable condition are downgraded	- 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 having some material conservation or cultural value
Category C - *Trees of low quality having an estimated longevity of over 10 year, or young trees with a stem diameter below 150mm;*	- 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	- Trees present in numbers without having significant landscape value	- Trees having no material conservation or other cultural value

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.*

- The location and constraints of existing trees and vegetation within the survey site are illustrated within drawing*; LLD792/01 – Tree Constraints Plan.*
- Tree retention and protection measures are illustrated in*; LLD792/02 Tree Retention and Protection Plan.*
- For guidance of the retention and protection of trees refer to; *LLD792 Arboricultural Impact Assessment.*