Detailed Tree Assessment Form
(details included against sections to be considered an "aide memoire" only sections may not be applicable as not all trees conform to survey sheet)

Client: Mr M Watson,				**Site Address: 4/4A Hadmans Close, Horsham, RH12IJJ**			
Tree Number: 1				**Tree Species: Cypress Macracarpa**		**Age: OM**	
Height: *m* 16.5	**DBH:** *mm* 0.8	**Lean: °** 16°	**Crown Spread (m)**	**N**	**S**	**E**	**W**
				4	5	3.5	5

Context Target, setting, position in landscape, general observations etc	The tree is positioned in the rear garden at the W most corner. The tree has been historically pruned at 1.8m FGL and allowed to grown multiple stems. The tree has also been poorly canopy raised to 8.5m FGL only on the N, E & S sectors. The tree overhangs 3 neighbouring properties to the N, W & S. The tree also overhangs the boundary fences to the W & S of the tree, a brick made boundary wall on the W and various garden sheds to the S including the S neighbours shed. 4/4A building is 14m away to the E, there are a set of garages to the S & SW 7.5m away and a black timber building with a brick boundary wall to the NE 11m away. The tree has multiple mature trees nearby, a yew to the N 4m away, a young Lawson to the SW 4m away and various cypress trees to the W & SW 14m away.
Roots & Surrounding Ground Cracking, heave, compaction	- NFFB present on the root plate. - Compaction of the root plate due to foot traffic to the sheds on the SE sector, there is a lightly used access path to a neighbouring property to the W which is between the wooden fence and the brick wall 1m away. - Sheds and a small paved area to the E and S are on top of the root plate.
Buttresses Decay, **FFB**, physical damage, structural integrity.	- NFFB or decay present at the base of the tree. - No hollow soundings were heard after tapping with a nylon 1 1/2lb hammer. - NBF - NEXP
Trunk **FFB**, biotic/abiotic damage, exudates, structural integrity, slenderness	- NFFB - NEXP - The main stem has a 16° lean to the S. @1.8m FGL the multiple stems revert to upright. - There are two previous pruning points at 2m FGL, 150mm⌀ and 100mm⌀ on the N side and in the middle of the leading stems. Pruning points have been made where possible due to tight access, these don't conform to BS 3998:2010, "Tree work – Recommendations - There is a chainsaw damage at 1.7m FGL, E side, 150mm⌀ L by 300mm⌀ H with two 25mm D kerf cuts in the heart wood on the E side of the trunk. There is a 200mm L crack in the heart wood which is in line with the included union above on the E side. This crack is of medium risk due to the long included union above.
Main Union	

FFB, decay, other plants, exudates, structural integrity	- NFFB - NEX - There are 5 leading stems off the main truck at 1.8m FGL. - 3 of the leading stems split into two leading stems @2.4m FGL making 8 leading stems in total. - Multiple included unions which are typical for the species. - The long-included union of the E side is 1.2m L and goes through the chainsaw damage where there is a crack visible.
Primary Ascending Stems Biotic/abiotic factors, deadwood, structural integrity, Vigour: **Norm/poor**	- NFFB - NEX - Multiple historic pruning points from 2.4m FGL to 8.5m FGL on the N, E and S sector. - Each stem show norm form.
Main Branches Biotic/abiotic factors, deadwood, structural integrity, Vigour: **Norm/poor** Deadwood: **Maj, Mod, Min**	- No biotic or abiotic factors could be observed from the ground. - Min deadwood throughout the remaining canopy. - Branch unions are normal for species - Vigour is normal for species
Twigs and Leaves Biotic/abiotic factors, size, colour, density Vitality: **Norm/poor**	- No biotic or abiotic factors could be observed from ground level. - Normal vigour and vitality. - No previous or present nests can be observed or any roosting sites for bats.
Work Required Priorities given for individual operations recommended. Work priority: **U, VH, H, M, L, NONE**	If wanting to keep the tree: - Fitting Static Bracing of the two stems on the E side with the long-included union which travels through the chainsaw damaged area. Work priority: H - Dead wooding. Work priority: M - Canopy raise to 8.5m on the W sector. Work priority L - Re inspect the crack for movement every 18 months. - If wanting to remove the tree due to excessive shading and the potential risk of the crack below the included union, then I would suggest the planting of some native trees. For instance: liquid amber, Rowan or Amelanchier

Re-inspection frequency	**M**	**Date**	19/5/25

Note: All associated wildlife indicators to be included in area of tree where observed.















Age class classification:

SM = Semi mature < 20%
M = Mature 20-100%
OV = Over Mature > 100%
A = Ancient tree, please refer to Natural England definition.
V = Veteran tree, please refer to Natural England definition.

Dead wood classification:

Maj = MAJOR DEADWOOD *Ø > 100mm at union to host stem.*
Mod = MODERATE DEADWOOD *Ø 26 – 99mm at union to host stem.*
Min = MINOR DEADWOOD *Ø < 25mm at union to host stem.*

Recommended time scale of works:

U = URGENT *Works required immediately (that day) to make a tree safe or guard the site.*
VH = VERY HIGH *Works required within 7 days.*
H = HIGH *Works required within 30 days.*
M = MODERATE *Works required within 90 days.*
L = LOW *Works required are the lowest priority and may be done if the budget allows.*
NONE *No works required or no target exists or is excluded.*

Routine Inspection frequency:

VH = VERY HIGH *6 months re-inspection.*
H = HIGH *12 months re-inspection.*
M = MODERATE *18 months re-inspection.*
L = LOW *3 Year re-inspection.*
VL = VERY LOW *5 Year re-inspection.*
None *No target exists or is excluded.*

VIGOR/VITALITY classification:

NORM = NORMAL *as expected for its species*
POOR = POOR sub optimal for its species.

VIGOUR = *describes the tree's genetic capacity to grow and resist stress/loading.*
VITALITY *= describes the overall health and ability of a tree to grow and thrive in its environment.*

Quantification:

L,H,W,D *= Length, Hight, Width, Depth in (MM 0r M)*
N,NE,E,SE,S,SW,W,NW *= North, Noth East, East, South East, South, South West, West, North West.*
FGL = FROM GROUND LEVEL *Measurements are taken from the base of the tree to the target.*
Ø *= Diameter (mm)*

FFB = FUNGAL FRUITING BODIES
NFFB = NO FUNGAL FRUITING BODIES *There are no fruiting bodies present at time of inspection.*
EXP = EXUDATE PRESENT *exudate (*oozing liquid due to bacterial infection) present at time of inspection
NEXP = NO EXUDATE PRESENT No exudate (no oozing liquid due to bacterial infection) present at time of inspection
NBF = NORMAL BUTTRESS ROOT FORMATION *formation of buttress roots is deemed normal for the specific species.*
ABF = ABNORMAL BUTTRESS ROOT FORMATION *formation of buttress root is deemed abnormal for the specific species.*
DBH = DIAMETER AT BREAST HIGHT (1.5M FROM GROUND LEVEL) *The hight at which a diameter of stem measurement is taken and the lean angle is taken from.*
LEAN = *The angle of lean in determined in degrees from 0° being vertical and the datum from which measurements are taken from at DBH.*

BIOTIC *= damage caused by living organisms, such as insects, fungi, bacteria, or parasitic plants.*
ABIOTIC = *damage caused by non-living factors like weather, chemicals, or human activities.*