TREE INSPECTION

Cottesmore School

Introduction and scope

Southern land Services have been instructed to carry out a walk through health and safety report to identity any immediate hazards within the site boundaries of Cottesmore School.

Site

This report was carried out in September 2023. The site is a primary, situated in Brighton. The site comprises of a mixture of young, semi mature and mature trees. The weather on the day of the report was warm and sunny.

Limitations & Information

No aerial inspection was carried out on any of the trees and no specialist decay detection tools were used on the day, thus no guarantee can be given as to their structural integrity.

Before any tree work operations are undertaken, the local planning authorities should be contacted, to establish if any of the trees covered by a tree protection order or are within a designated conservation areas.

All the trees on the site had a visual walk around assessment done on them, the majority of the trees are all in good condition and require no work. Outlined within the table and map below are the specific trees that are of concern and require recommended works. An annual full site tree inspection is recommended.

Elm disease is very prevalent around the area of the school, all local authority rules needs to be abided when carrying out work on this species.

Extreme weather can push a tree past its natural structural strength causing unexpected failure and uprooting, thus no guarantee of any trees safety in these weather conditions. I would recommended the site is re-inspected after any extreme weather.

SITE: Cottesmore School					SURVEYOR: JOE HOWARD		DATE: 07/09/2023		
TREE NO.	**SPECIES**	**HEIGHT (M)**	**CROWN SPREAD (M)**	**AGE CLASS**	**SURROUNDING FEATURES & TARGETS**	**CONDITION AND DESCRIPTION**	**RECOMMENDATIONS**	**WORK PRIORITY**	**INSPECTION FREQUENCY**
T1	Horse Chestnut	15	6	M	Forest school, school field, public path and public road	Physiological Condition - Good Structural Condition - Good Crown of the tree effecting the street light.	Cut back away from the street light to a allow a clearance of 2m	Medium	Low
T2	Horse Chestnut	15	6	M	Forest school, school field, public path and public road	Physiological Condition - Good Structural Condition - Fair Large amount of deadwood within the crown.	Remove major deadwood.	High	Low
T3	Horse Chestnut	15	6	M	Forest school, school field, public path and public road	Physiological Condition - Good Structural Condition - Poor Tight compression fork from 0.0 -1.0m, heavy lean over the road.	Remove tree.	High	-
T4	Holm Oak	10	4	M	Forest school, school field, public path and public road	Physiological Condition - Good Structural Condition - Good Low crown over the road and footpath.	Crown lift to 5m	Medium	Low
T5	Holm Oak	15	12	M	Forest school, school field, public path and public road	Physiological Condition - Good Structural Condition - Good Low crown over the road and footpath.	Crown lift to 5m	Medium	Low

T6	Horse Chestnut	12	3	M	Forest school, school field, public path and public road	Physiological Condition - Poor Structural Condition - Poor This tree is standing dead.	Remove tree.	High	-
T7	Horse Chestnut	4	1	Y	Forest school, school field, public path and public road	Physiological Condition - Poor Structural Condition - Poor This tree is standing dead.	Remove tree.	High	-
T8	Holm Oak	20	9	M	Forest school, school field, public path and public road	Physiological Condition - Good Structural Condition - Good Low crown over the road and footpath.	Crown lift to 5m	Medium	Low
T9	Holm Oak	20	8	M	Forest school, school field, public path and public road	Physiological Condition - Good Structural Condition - Good Large amount of deadwood within the crown.	Remove major deadwood.	High	Low
T10	Holm Oak	20	8	M	Forest school, school field, public path and public road	Physiological Condition - Good Structural Condition - Fair Large amount of deadwood within the crown.	Remove major deadwood.	High	Low

T11	Ash	10	6	M	School field, public path and public road	Physiological Condition - Good Structural Condition - Fair Large amount of deadwood within the crown.	Remove major deadwood.	High	Low
T12	Elm	12	6	M	School field, public path and public road	Physiological Condition - Good Structural Condition - Good Large amount of deadwood within the crown.	Remove major deadwood.	High	Low
T13	Elm	15	8	M	School field, public path, public road and school building	Physiological Condition - Good Structural Condition - Good Large amount of deadwood within the crown.	Remove major deadwood.	High	Low
T14	Elm	8	3	SM	School field, public path, public road and school building	Physiological Condition - Fair Structural Condition - Fair Large cavity at the base of the tree.	Reduce by 3m to remove added weight.	Medium	Low
T15	Elm	12	5	M	School field, public path, public road and school building	Physiological Condition - Good Structural Condition - Fair Large amount of deadwood within the crown.	Remove major deadwood.	High	Low

T16	Elm	12	5	M	School field, public path, public road and school building	Physiological Condition - Good Structural Condition - Fair Large amount of deadwood within the crown.	Remove major deadwood.	High	Low
G1	Maple	5	3	SM	School parking, school path and school building	Physiological Condition - Good Structural Condition - Good The crowns of these 4 maple trees are starting to effect the school building.	Reduce crown by 2m.	Medium	Low
T17	Holm Oak	5	3	SM	School parking, school path and school building	Physiological Condition - Good Structural Condition - Good Oversized crown for the area the tree is in.	Reduce crown by 2m.	Medium	Low
T18	Elm	18	8	M	School parking, school drive and public footpath	Physiological Condition - Good Structural Condition - Fair Large amount of deadwood within the crown.	Remove major deadwood.	High	Low
T19	Sycamore	15	3	M	School parking, school drive and public footpath	Physiological Condition - Fair Structural Condition - Poor Hollow sounding stem with a large 2m defect.	Remove tree.	High	Low

T20	Holm Oak	15	8	M	School parking, school drive and public footpath	Physiological Condition - Good Structural Condition - Good Low hanging crown over footpath.	Crown lift to 5m.	High	Low

INSPECTION MAP

AGE CLASS KEY	
AGE CLASS CODE	**N** = Newly Planted **Y** = Young **SM** = Semi Mature **M** = Mature **V** = Veteran
NEWLY PLANTED	Not fully established and is capable of being transplanted or easily replaced
YOUNG	Established tree less than a 1/3 life expectancy, usually with good vigour
SEMI - MATURE	An established tree but one which has not reached its potential height and has significant growth potential.
MATURE	Achieved full height and crown potential with limited potential for any significant increase in size
VETERAN	Full expected height and crown with signs of vigour decreasing

PHYSIOLOGICAL CONDITION KEY	
GOOD	Healthy full crown, no significant defects with a long life expectancy
FAIR	Some defects giving the tree a shortened life expectancy
POOR	Limited life with major problems
DANGEROUS	Urgent removal required

STRUCTURAL CONDITION KEY	
GOOD	Very few significant defects
FAIR	Some defects rectifiable with minor tree surgery
POOR	Significant defects only rectifiable with major tree surgery or removal
DANGEROUS	Urgent removal required

WORK PRIORITY KEY	
NONE	No works required
LOW	Tree work required within 12 months
MEDIUM	Tree work required within 6 months
HIGH	Tree work required within 3 months
VERY HIGH	Tree work required within 1 months
URGENT	Immediate work required to make the tree safe within 7 days and the tree immediately corroded off prior to work

INSPECTION FREQUENCY KEY	
NONE	No works required
LOW	36 months inspection
MEDIUM	12 months inspection
HIGH	6 months inspection
URGENT	Carry out a detailed thorough inspection with decay detection equipment as soon as can be arranged