





February 9th, 2023

Arborist Report: Tree Diagnosis for Alianthus Tree Removal

349 Marlborough St Rear Garden.

Hartney Greymont was contacted by the homeowner to evaluate the dead Alianthus tree located in the rear garden area behind 349 Marlborough St. After evaluating the tree it has had a very large limb fall out of the canopy and crash down on a neighbor's house that contained fungus surrounding the limb. The trees bark is completely exfoliating from the trunk of the trees base to the top and has large dead limbs with decay pockets throughout. There are vertical cracks running up the trunk of the tree at about 4-8 feet high. After sounding the trunk of the tree using an arborist sounding hammer the trunk sound was noticeably hollow throughout the interior. Due to the location of the tree and the amount of decay and dead/dying branches and main trunks the tree is deemed to be an extreme hazard and could cause imminent danger from the lack of structural integrity.

Regarding a replacement plan for the Alianthus tree that is to be removed, the existing stump and roots will have to be grinded down or even excavated so that a new tree could be properly planted in its place. Due to the location of the existing tree, stump grinding would not be logistically possible with the tree being located behind a wall inside a raised planter. There is also surrounding pavement, and brick that covers the base of the tree and wall. The tree is also located extremely close to the foundation of the property which causes concerns for digging up roots etc. Planting a new tree especially on the larger scale will not be possible in the current location. The existing Alianthus tree has grown in an area where it was not planted but seems to have seeded in on its own and became established. With the lack of root space, no young deciduous tree would survive in such location. The surrounding areas suggested would also be incredibly difficult to plant unless the city performed some excavation to create enough space for a planter or a permeable surface that would allow water to seep down onto the roots. If a new location would be created by the city in the given area for replacement tree, that would be the only logical way for any recommended tree to survive.

Tyler Ledin- Sales Arborist

ISA Certified Arborist CERT ID – NE 7625A

TLedin@Hartney.com