

Manningham Heritage Garden & Significant Tree Study

Significant Tree Information Sheet

Tree Identification No.: 63

Botanical Name: *Cupressus macrocarpa*

Common Name: Monterey Cypress

Location: 333, 339, 344, 351 & 360
High Street, Doncaster.

Private land	X	Public land	
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Melway Ref: 33 C6

Setting/Position: A number of windbreaks along the road frontages, as well as along the southern boundary of 333 High St.

No. of trees: 333 High St – 35 along southern boundary and 18 along road frontage
339 High St – 6 trees
341 High St – 2 trees
344 High St – 9 trees
351 High St – 10 trees
360 High St – 6 trees

Height: 22.7m (typ)

Canopy Spread (m) E-W: 5.5m (typ)
N-S: c.7m (typ)

DBH: 3 limbs @ c.500mm (typ)

Approx. Age of Tree: 60 + years

TPZ: 13.5m **CRZ:** 3.0m

Category of Significance:

Horticultural Value		Location or context	X	Rare or localised		Particularly old		Outstanding size	
Aesthetic value	X	Curious growth form		Historic value	X	Aboriginal culture		Outstanding eg. of species	

Level of Significance: Local

History: The original property was 120 acres, which was subdivided and sold by the Williams. After this the property at 333-341 High Street was known as the "Alpines". A lemon orchard covered the area to the west of High Street with the trees originally being an orchard windbreak, with some cypress hedges also present. The properties to the east of High Street were reputed to be Apple orchards, however this has not been confirmed. The windbreak appears to date from about 1940.

Source: 1945 - aerial photograph
Conversation with owner of 333 High Street

Health:

Pests/Diseases		Dead wood		Dieback	
Stunted growth		Stress		Rot	
Leaf necrosis		Low foliage density		Possum damage	



Other/Notes: The lower canopy of the trees on 333 High St was removed at the time of the Ash Wednesday Bushfires to try and reduce fire risk. Trees at 351 High Street have some internal canopy dieback, those at 360 have some inner canopy deadwood. A large drain was dug along the western side of the road around 1997 and would have damaged the root system of these trees leading to stress and possible structural instability. A retaining wall has also been built around the base of the trees at 344 High St, which may have the same result. Some trees on the western side of the road have suffered from disease infestation.

Threats/Risks to Tree: The driveway is cut close to the trees along the southern boundary of 333 High Street, with some filling having occurred around the base of the western most trees. A retaining wall has also been cut near some of the trees.
Road work and associated trenching for services etc. is a threat to all trees. Power lines run along the western side of the street with lopping to clear them being a threat to trees on this side of the road.

Hazards/Risks:

Co-dominant branches	X	V-crotched	
Irregular branch structure		Low-hanging branches (unsafe)	
Diseased limbs		Other	

Other/Notes: 333 High St – Trees are branching from the base with many being multi-leadered with extended branches. Trees also lose the occasional branch during windy weather. Many of the trunks/leaders are on an angle and appear to be branches that would not naturally be the main leader. The construction of a drain along the road may also have stressed and destabilised the trees.
339 High St – Trees have been lopped to clear power lines and have poor structure, branching from the base away from the road. The construction of a drain along the road may also have stressed and destabilised the trees. These trees were assessed from the road.
344 High St – Trees generally have poor structure and are branching from low and have been lopped. The construction of a retaining wall near the base of the trees may have stressed and destabilised them. These trees were assessed from the road.
351 High St – Trees have poor structure with irregular branching and co-dominant leaders. The trees have been lopped to clear power lines. The construction of a drain along the road may also have stressed and destabilised the trees. The far tree to the south of the property is v-crotched and starting to split and break apart. One leader has been removed.
360 High St – The trees formed a hedge in the 1960's but were pruned to grow upwards after a similar hedge over the road was destroyed by "hedge burners". The trees are now poorly structured with many large epicormics.

Works Required & Priority: All trees should be subjected to a structural assessment and maintenance work by a qualified arborist within the next three months. This would be most effective if all trees were assessed by the same arborist, who would check the stability of limbs and the over all tree as well as for the presence of rot in the leaders.

Management Prescriptions: All trees should be annually by a qualified arborist, identifying and carrying out works as required. The costs of maintaining such large rows can be significant and should if possible be either (a) subsidised or fully funded by the council or (b) carried out by council arboricultural staff in order to lift the burden of cost from the land holders. A replacement strategy should also be implemented for when trees required removal, as this species is not especially long lived and the trees in this area are of poor structure. These trees will require careful monitoring to determine when removal is required.
Additional management prescriptions for individual properties are as follows:
333 High St – The trees with concrete completely around their base (near western end of southern boundary row) should be especially monitored.
360 High St – Limbs are to be kept clear of the house through pruning as required. Clearance pruning may also take place to the south of the row where branches over hang the driveway. However this must be carried out by a qualified arborist and should be limited to the large overhanging branch.

Existing Overlay Controls: Significant Landscape Overlay (SLO2)

**Statement of
Significance:**

The Monterey Cypress windbreaks at 333, 339, 344, 351 & 360 High Street, Doncaster are of local significance for their connection with the areas orcharding history, their prominent position and number of remnant windbreaks in the group.

Recorded by:

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Date:

11-03-05

ID Confirmed:

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