

Manningham Heritage Garden & Significant Tree Study

Significant Tree Information Sheet

Tree Identification No.: 4

Botanical Name: *Pinus canariensis* &
Ulmus x hollandica

Common Name: Canary Island Pine & Dutch Elm

Location: Egan Dve, Bulleen

| | | | |
|--------------|--|-------------|---|
| Private land | | Public land | X |
|--------------|--|-------------|---|

Melway Ref: 32 F8

Setting/Position: A row of 8 Canary Island pines and 8 Dutch Elms are positioned in the nature strip on the east side of Egan Drive, between Apex Court and Gympie Street, extending into William Morris Reserve. The two species are interspersed and may have once alternated.



No. of trees: 8 Pines & 8 Elms

Height: Elm - 22.2m (Typ)
Pine - 18.1m (Typ)

Canopy Spread (m) E-W: Elm - 16m (Typ)
Pine - 11m (Typ)
N-S: Elm - 15m (Typ)
Pine - 10.5m (Typ)

DBH: Elm - 1010mm (Typ)
Pine - 600mm (Typ)

Approx. Age of Tree: 90 - 100 years

TPZ: 9.1m (Elm) **CRZ:** 3.3m (Elm)
5.4m (Pine) 3.0m (Pine)



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: Part of a former 600 metre long farm boundary windbreak planting with an interesting combination of plants. A 1945 aerial photograph shows the established windbreak indicating that the trees will be in the order of 90-100 years old. The tree is listed as a former rural planting.

Source: 1945 – aerial photograph
“Former Rural Planting”, *Manningham City Council Heritage Study*, Context Pty Ltd, 1991

Health:

| | | | | | |
|----------------|---|---------------------|---|---------------|---|
| Pests/Diseases | X | Dead wood | X | Dieback | |
| Stunted growth | | Stress | X | Rot (Elm) | X |
| Leaf necrosis | | Low foliage density | | Possum damage | |

Other/Notes: Deadwood and some dead limbs. Rot present in limb loss points and old pruning wounds. Elm Leaf Beetle damage to elms, which is causing stress and leading to epicormics.

Health Rating: 3

Threats/Risks to Tree: Any works to the streetscape, particularly on the east side of Egan Drive, further infestation of Elm Leaf Beetle and damage to the trunks from lawn mowers.

Hazards/Risks:

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

Other/Notes: Some co-dominant branches within elms; minor rot present within old pruning wounds and limb loss points. One pine tree is leaning and some of the elms have extended limbs. Powerlines are interfering with the canopies of trees near Kadanga Grove. V-crotched trees are also present

Structure Rating: 3-4

Works Required & Priority: Removal of deadwood, dead limbs and branch stubs. An Elm Leaf Beetle treatment regime should be implemented, if not already in place. Trees should be inspected by a qualified arborist to determine the stability of the large limbs and v-crotch, extent of rot and overall tree stability of pine directly south of Kadanga Grove; required works should be identified and carried out at this time. All these works should be carried out as soon as practically possible. Suckers should also be removed from the base of the elms. Cabling or removal of some trees may be required after results or Arborists inspection is known.

Management Prescriptions: As stated above. The row should be assessed on a 2-year basis by a qualified arborist. Any necessary works should be carried out at this time. Treatment for Elm Leaf Beetle should be carried out on an annual basis. A replacement strategy should also be implemented to allow new specimens to grow before the current trees require removal.

Existing Overlay Controls: No Overlays

Statement of Significance: The row of 8 Canary Island pines and 8 Dutch elms in the nature strip of Egan Drive, Doncaster, between Apex Court and Gympie Street is locally significant for its aesthetic value, contribution to the streetscape and for its connection to the areas orchard history.

Overall Tree Rating: 4

Recorded by: Susan Tallon/Andrea Proctor

Date: 16-12-02/24-01-05

ID Confirmed: Susan Tallon