

Manningham Heritage Garden & Significant Tree Study

Significant Tree Information Sheet

Tree Identification No.: 34

Botanical Name: *Pinus radiata*

Common Name: Monterey Pine

Location: 126, 128, 130, 132, 136 & 138 High St, Doncaster

Private land	X	Public land	
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Melway Ref: 33 A11-B10

Setting/Position: A row of approximately 35 trees on the east side of High Street, scattered along the front boundaries of houses 126, 128, 130, 132, 136 & 138 High Street. A number of these appear to be self-sown seedlings.

No. of trees: 35

Height: 15-20m (average)

Canopy Spread (m) E-W: 8m (average)
N-S: 8m (average)

DBH: Varied

Approx. Age of Tree: 80 years

TPZ: 10.5m **CRZ:** 3.0m

Should development occur within 30m of any of the trees, individual trees affected should have TPZ's calculated. Assess using the Matheny & Clark method of calculation, based on individual trunk diameters and trees with moderate tolerance to development pressures.

Category of Significance:

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

Level of Significance: Local

History: The row of pine trees is evident at a large size in the 1945 aerial photograph, where at their northern extremity they also continued onto the other side of High Street. Orchards were located to the trees' east. While the trees once formed a complete row with only one break, there are now a large number of gaps within the plantings.

Source: 1945 - aerial photograph

Health:

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

Other/Notes: Minor canopy deadwood, with some dead limbs. Some canopy dieback, particularly within seedlings. Minor rot associated with pruning points.



Health Rating: 3

Threats/Risks to Tree: Any future works to the streetscape and/or residential front gardens. High street has recently undergone quite significant streetscape works with road widening; however it is unknown whether any trees were lost during this process.

Hazards/Risks:

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

Other/Notes: Some crossed limbs and dead branches within canopies.

Structure Rating: 4

Works Required & Priority: Removal of dead limbs and deadwood within trees as soon as practically possible. Some seedlings may need to be thinned to reduce competition. The entire row should be assessed every 1-2 years by a qualified arborist and any necessary works carried out at this time.

Management Prescriptions: As stated above. An eventual removal and replacement strategy will need to be implemented for the planting using stock propagated from the existing trees.

Existing Overlay Controls: No Overlays

Statement of Significance: The row of 35 Pinus Radiata along the eastern side of High Street, Doncaster are considered to be locally significant as a remnant windbreak planting dating back to the orcharding history of Doncaster. Positioned within the front gardens of houses 126-138, the trees form a strong element in the streetscape.

Overall Tree Rating: 4

Recorded by: Susan Tallon

Date: 21-01-03

ID Confirmed: Susan Tallon