

Manningham Heritage Garden & Significant Tree Study

Significant Tree Information Sheet

Tree Identification No.: 13

Botanical Name: *Maclura pomifera*

Common Name: Osage Orange

Location: Heide I and II, 7 Templestowe Road, Bulleen

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

Melway Ref: 32 E5

Setting/Position: A row of 48 trees run along the western and part of the northern boundaries of Heide I. Another group of 10 trees run north-south on either side of the Heide II house, fitting into its architecture.

No. of trees: 58

Height: 12.4m (typ. Heide II)
c.8m (typ. Heide I)

Canopy Spread (m) E-W: 14m (typ. Heide II)
c.6m (typ. Heide I)
N-S: 10m (typ. Heide II)
c.6m (typ. Heide I)

DBH: 520mm @ base (typ. Heide II)
c.400mm (typ. Heide I)

Approx. Age of Tree: +70 years (Heide II row)
The row surrounding Heide I may be more recent

TPZ: 6.2m **CRZ:** 2.7m

Category of Significance:

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

Level of Significance: Regional

History: In the garden of the Heide I & II houses; the home of John and Sunday Reed, patrons of Australian artists such as Sydney Nolan, Albert Tucker, Arthur Boyd and Joy Hester. The planting date for the National Trust Registered trees on Heide II is unknown; however they were planted soon after the Reeds moved into the property to provide a windbreak and shelter. This row of trees influenced the design of the heritage listed Heide II house, which is designed to narrow in the centre so that it moves through the row, with the row commencing on one side and finishing on the other side of the house. The planting date of the trees at Heide I is also unknown; however it is known that they were planted by the Reeds and clearly mark the extent of the house garden. They have been described as once having a bower of violets growing beneath them while the Reeds were at the house.



Health:

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

Other/Notes: Some leaf dieback is present.

Health Rating: 2

Threats/Risks to Tree: Development is occurring adjacent to the trees in Heide I, with some trenching close to the trees having already occurred. The trees in Heide II are susceptible to compaction.

Hazards/Risks:

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

Other/Notes: Trees are generally multi-stemmed with poor form as is typical of the species. Many of the trees are bifurcated with included bark and some have epicormic growth.

Structure Rating: 4

Works Required & Priority: Formative prune all trees within the next three to six months, carrying out maintenance work as required. Any dead trees should be removed and the gaps infilled with trees propagated from those on site (this species strikes well from cuttings and responds to heavy pruning).

Management Prescriptions: The trees should be assessed every 2 years by a qualified arborist, carrying out works as required. For the next three years inspections should be carried out six-monthly in order to ensure that trees have not been damaged by building works. Appropriate stress reduction measures should be under taken if required and may include supplementary summer irrigation.

Existing Overlay Controls: Heritage Overlay (HO160), Heritage Overlay (HO161), Environmental Significance Overlay (ESO1), Land Subject to Inundation Overlay (LSIO)

Statement of Significance: The Osage Orange Trees at Heide I & II, 7 Templestowe Rd, Bulleen are of state significance for their rarity, connection with the art patrons John and Sunday Reed, and their influence on the design of the Heide II house.

Overall Tree Rating: 1

Recorded by: Andrea Proctor

Date: 24-01-05/01-09-05

ID Confirmed: Andrea Proctor