

## Narrabeen Education Precinct Tree Removal DA

<b>Company</b>	DesignInc
<b>Project #</b>	P22-024
<b>Project Name</b>	Narrabeen Education Precinct
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### Architectural Statement

Proposed works to North Narrabeen Public School and Narrabeen Sports High School requires existing trees to be removed which are affected by proposed building and construction works.

#### Narrabeen North Public School

The new buildings proposed at Narrabeen North Public School have been carefully placed on site with respect to numerous functional, heritage, planning, and ecological requirements:

- The new buildings are positioned above the flood plain (PMF flood predicted level), increasing the length of ramping required for accessibility to Ground Floor FFL.
- New buildings are positioned outside the Coastal Wetlands zone; therefore, some trees are impacted by moving the new building footprints away from this zone.
- Impact to the Heritage Curtilage zone around the double Binidome "B" has been minimised; therefore, some trees are impacted by moving the new building footprints away from this zone.
- The masterplan seeks to reduce use of demountables classrooms at North Narrabeen PS by retaining permanent classrooms to the east of the site in addition to providing new. As such, new accommodation is positioned to the west of the site.
- The buildings are designed to meet School Infrastructure NSW (SINSW) & Education Facility Standards & Guidelines (EFSG). The EFSG have prescribed functional "hub" layouts for new buildings and a building grid of 7.5m x 9m. This grid allows for Modern Methods of Construction, and maximise opportunities for a flexible internal layout which maximises opportunities for future focused learning.

Where possible, existing trees are retained to ensure that the project concept of creating 'treehouses', respecting and celebrating nature is upheld. Where trees are removed, new trees are proposed to enhance the future tree canopy coverage;

The trees proposed for removal have been identified as being removed to:

- Facilitate clearer accessible paths of travel from the site entrances to the new buildings on-site;
- Protect the new buildings from tree root damage to foundations; and
- Facilitate heritage views,
- Or are directly impacted by building footprints.

#### Narrabeen Sports High School

The new buildings proposed at the High School have a minimal impact on the existing trees at the Sports High School.

The trees proposed for removal:

- Are impacted by the footprint of proposed new buildings;

- Provides better solar gain to the existing buildings;
- Facilitates a clearer path of travel;
- Protects the new and existing buildings from tree root damage to foundations.
- Protects Block K against root damage.

The final location of proposed trees for both schools is subject to changes during detailed design, however the replacement strategy and minimum proposed tree quantities outlined will remain, to ensure the new and existing buildings are set within a beautiful landscape setting as it currently is.