VISION... The courtyard designs will be achieved through the application of a series of concept strategies. It is our vision to create an integrated, responsive landscape that reflects the local character and sense of place through planting, microclimates, materiality and spaces. Using the nearby Blue Mountains and Nepean River as inspiration, we intend to draw upon this to create an adventurous, resilient landscape that is healthy and promotes natural systems.
DESIGN DETAIL MATERIALITY - GROUNDING THE DESIGN

ELEVATED BOARDWALK

SANDSTONE

SURFACES

VISION | MATERIALITY

NEPEAN HOSPITAL MASTERPLAN
LANDSCAPE SSDA

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VISION | PLANTING STRATEGY

INDIGENOUS MATRIX PLANTING

Landscape areas shall be planted with a random matrix of endemic shrubs, grasses, and groundcovers which feature in the local Cumberland Plain Woodland community. The randomised planting approach will ensure that the species most suited to the conditions will thrive and natural competition will result in the best specimens establishing into a many-layered native Australian garden featuring contrasting vegetation forms, colours, and textures. The landscape within the Nepean Hospital will thus become an important link in the local ecological communities.

Different compositions of species will be planted according to performance criteria. A matrix of low native grasses and groundcovers will be planted adjacent pathways and against the built form to maintain access and sightlines, with a matrix of larger native shrubs to be planted more centrally within the garden beds.

PLANTING STRATEGY

3.7

TREE COPSES

Tree planting will be comprised entirely of endemic species such as those typically found within the Cumberland Plain Woodland, such as Eucalyptus moluccana, Eucalyptus tereticornis, and Corymbia maculata.

The new trees will be planted according to the capacity of the garden beds to accommodate them. Semi-mature trees will be planted to specific locations where space is limited (such as around existing trees and the elevated walkway), and a randomised mix of juvenile trees will be integrated into the matrix planting approach to open landscape areas to create a dense series of copses. This will result in natural competition and varied growth rates creating a many-layered canopy, breaking down the visual presence of the carpark building, creating a naturalistic native landscape aesthetic, and a pedestrian experience of being amongst the native bushland of the nearby Blue Mountains National Park.

GREEN WALL SYSTEM

The base of the carpark building is proposed to be encapsulated with a lush enclosure of climbing plants growing up a cable trellis system, layered over the architectural expression of vertical steel blades.

The green wall cable trellis system will be installed between level 00 and level 01 of the building facade, with the final configuration and fixing methodology to be determined during future detail design.

NEPEAN HOSPITAL MASTERPLAN

LANDSCAPE SSDA
VISION | PLANTING PALETTE

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PREPARED BY
Arcadia Landscape Architecture
Health Infrastructure NSW
2018

DATE
August 2018

SCALE
4

ISSUE
3.8
LEGEND

EXISTING TREES TO BE RETAINED
FEATURE TREE PLANTING
SHRUB MATRIX PLANTING
GRASS MATRIX PLANTING
SHADE MATRIX PLANTING
IRRIGATION AND DRAINAGE
PROPOSED TURF
PROPOSED FEATURE PAVING
PROPOSED FEATURE PAVING 2
SANDSTONE BLOCK RETAINING WALL
TIMBER BOARDWALK
STEPS

0 10 20 30 40 50 M

SCALE 1:500 @ A1

NEPEAN HOSPITAL MASTERPLAN
LANDSCAPE SSDA
## NEPEAN HOSPITAL MAINWORKS - PLANT SCHEDULE

<table>
<thead>
<tr>
<th>CODE</th>
<th>BOTANIC NAME</th>
<th>COMMON NAME</th>
<th>MATURE SIZE</th>
<th>PROPOSED POT SIZE</th>
<th>QUANTITY</th>
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<tbody>
<tr>
<td></td>
<td>Aa</td>
<td>Acmena smithii 'Sublime'</td>
<td>5 x 2.3</td>
<td>7SL</td>
<td>27</td>
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<tr>
<td></td>
<td>CC6</td>
<td>Corymbia ficifolia 'Orange Splendour'</td>
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<tr>
<td></td>
<td>Cm</td>
<td>Corymbia maculata</td>
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<tr>
<td></td>
<td>Cr</td>
<td>Cyanea australis</td>
<td>4-10 x 2.4</td>
<td>1.2-3 m high</td>
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<tr>
<td></td>
<td>Da</td>
<td>Dicksonia antarctica</td>
<td>1.5-15 x 1.2</td>
<td>1.2-3 m high</td>
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<tr>
<td></td>
<td>Ec</td>
<td>Eucalyptus crebra</td>
<td>25 x 15</td>
<td>7SL</td>
<td>19</td>
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<tr>
<td></td>
<td>Be</td>
<td>Eucalyptus eugenioides</td>
<td>25 x 15</td>
<td>100L</td>
<td>5</td>
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<tr>
<td></td>
<td>Ef</td>
<td>Eucalyptus fibrosa</td>
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<td>7SL</td>
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<td>EED</td>
<td>Eucalyptus leucocoryan 'Eucy Dwarf'</td>
<td>6 x 5</td>
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<tr>
<td></td>
<td>Em</td>
<td>Eucalyptus moluccana</td>
<td>25 x 15</td>
<td>200L</td>
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<tr>
<td></td>
<td>De</td>
<td>Eucalyptus tereticornis</td>
<td>25 x 15</td>
<td>200L</td>
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<tr>
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<td>Malaleuca decora</td>
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<td>Wi</td>
<td>Waterhousea floribunda 'Green Avenue'</td>
<td>8 x 5</td>
<td>200L</td>
<td>22</td>
</tr>
</tbody>
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* Tree numbers correspond with the arborist report composed by Moore Trees Arboricultural Services December 2017
* Not all trees have been captured in the arborist report