



## Laminated Timber Projects



### UNIVERSITY OF NEW ENGLAND POTTING SHED

James Cubitt Architects (JCA) were appointed by the University of New England to undertake the design of a new Greenhouse Precinct to assist in the further development and opportunities available to School of Environmental and Rural Science. The project consisted of what was affectionately termed the “Potting Shed” and 2 new Glasshouses, one made from polycarbonate and the other from glass.

The precinct was isolated from the main campus in an effort to maximise natural light - a feature that was used to full effect by not only the glasshouses but also the Potting Shed. The building was developed to incorporate additional spaces essential to the Course structure including Laboratories, Research Rooms, Office Space, Storage and culminating in the Potting Room itself.

Armidale is a significant regional centre and has a long and prosperous history with a strong connection to the land and agriculture.

It was during a visit to Armidale and a scenic drive of the region that the language of the ‘Shed’ become the vernacular that JCA sought to deliver - a re imagining of a traditional Australian icon. This was reinforced after viewing the Deeargee Woolshed from 1851.







To achieve this reinterpretation it became clear the selection of materials would be integral to the buildings success with the focus on more traditional and craftsman based solutions.

Through considered consultation with the Client two key materials emerged that provided the texture, patina and longevity required of the Potting Shed whilst retaining a memory of the historical materials of the New England Region. The use of Brickwork externally reflected the architecture of Armidale, whilst internally Timber allowed the building to expose its structure and provide a softness of colour made more dramatic by the extent of natural light. JCA worked closely with Hyne Timber to select a timber beam solution that achieved not only the structural requirements but more importantly allowed the structure to become an integral design outcome. For example the use of Laminated beams offered the clear floor span required of the Potting Shed.

Timber remains a prominent feature within the Potting Shed - Plywood ceilings compliment the strength of the Hyne Laminated Beams similar to the branches and canopy of a tree. The Potting Shed captures a playful, romantic yet contemporary approach to the traditional shed.

## Project Team

<b>Architect</b>	James Cubitt Architects Brisbane QLD 07 3831 7777 Design Team Leader / Project Director – Paul Christmas Project Architect – Duncan Rich Architectural Team – Kate Reynolds & Paul James
<b>Engineer</b>	Neil Puller & Associates Armidale NSW 02 6771 5885
<b>Builder</b>	Box & Co Pty Ltd Brisbane 07 3217 4655
<b>Client</b>	University of New England NSW 02 6773 3333

## Hyne products used

<b>Rafters</b>	525 x 85 Hynebeam17S Select Grade LOSP H3
<b>Columns</b>	525 x 85 Hynebeam 17S Select Grade LOSP H3
<b>Purlins</b>	65 x 65 Hynebeam 17S Select Grade LOSP H3
<b>Connections</b>	525 x 25mm 4 Bar Flange Connection

