State Library of South Australia Redevelopment Project Information July 2003

Project Background
- The $41.2 million State Library project is funded by the Government of South Australia and aims to improve community access to information and learning.
- The project completely refurbishes the 1960s Bastyan Building, provides new links to the two historic State Library buildings and provides access to the historic Armoury precinct.
- In developing a vision for a new State Library, top priority was given to heritage and preservation considerations, efficient research facilities and the creation of modern surroundings.

The project includes
- Refurbishment of the former Bastyan Wing, Institute Building and former Jervois Wing
- Additional accommodation for State Library services and public facilities
- A complete upgrade to on-line services, an increase in public computer facilities and an emphasis on the digital library, to increase access to the collections for remote users
- The introduction of windows providing natural light and views over Government House, Migration Museum, Natural Sciences Museum, South Australian Museum and the Art Gallery of South Australia
- A link between the rear of the Institute Building and the foyer of the new building, creating a new entrance to the Library through the Institute Building
- Over 35 kilometres of shelving storage in the basement
- New meeting rooms and exhibition spaces.

Major Players
- Architects – Hassell + Mitchell/Guirgola, Thorp
- Managing Contractor – Built Environs
- Engineering Services – Bassett
- Civil Engineering – Wallbridge and Gilbert
- Cost Manager – Rider Hunt

Architectural aims
- To make use of natural light and shadow-play throughout the new building
- To design spaces so that functions can take place at the same time as quiet activities traditionally associated with libraries
- To achieve the environmental aim of not increasing power usage per square metre.

Basement - Compactus storage system
- Air-conditioning uniquely designed to force air through the compactus, thus preventing the development of a micro-climate.
- A manually geared wheel system that is easy to use, low in maintenance, safe and robust.
- Ergonomic handles that are comfortable to grip.
- Swiss design tailored to the State Library by Movecorp, the only company in Australia specialising in the system, and built in South Australia by Brownbuilt.

Renewable Energy and Sustainable Development

Airconditioning
- Activated Chilled Beam Air conditioning system – innovative design locally developed by the University of Adelaide and commercialised by local firm Dandanco Pty Ltd. System provides significant energy savings through reduced air flow demands.
- System provides substantial upfront capital cost savings due to reduced infrastructure requirements, such as the reduced extent of ductwork.
- High performance double glazing to perimeter windows and skylights to promote insulation and minimise heating/cooling demand.
• Multiple zoning arrangements promoting flexibility, increased managed control and therefore increased energy efficiency.

Lighting
• Electronic controlled fluorescent dimming – sensing and automatic adjustment of lighting levels to perimeter zones to daylight conditions.
• External window shading devices – passive design systems to reduce cooling demands.
• Low energy lamping systems – extensive use of efficient low energy use flouroscents (T5 triphosphor fittings).
• Smart lighting systems – movement and occupancy sensing lighting minimising energy wastage to unoccupied areas.

Technology Upgrade
The technology upgrade includes the latest in cabling and network infrastructure to support the many online services that the State Library provides.

Computers
• 81 computers with flat screens are available for use by the public, providing 100 megabyte connection access to the internet, the State Library’s Catalogue, and other resources.
• In addition 4 Apple iMacs providing graphics software and scanners are available.
• Some computers have access to MS Office, email and selected packages.
• Printing facilities are also provided, along with the ability to temporarily save data on a State Library server in some circumstances.
• Computers to support learning English as a second language, and for people with disabilities are also provided.

Digitisation
Specialised cameras and scanning technology to enable parts of the collections to be digitised and preserved have been installed.

What does technology let us do?
• Create and maintain the Library Catalogue and Websites, including many collection based web sites.
• Make available the collections and resources of the State Library, increasingly in a digital form.
• Provide opportunities for all residents to use computer and internet based resources at no cost, thereby supporting equity of access.
• Improved customer services in many areas including the delivery of photographic reproductions, now largely ‘on demand’ instead of a 7 day turnaround.
• Participate in the provision of a national online Reference Enquiry chat service.
• When the redevelopment of the Institute Building is complete in October 2003 a training facility supporting up to 20 computers will be available so people can learn how to use State Library resources through specific training sessions.

Glass Foyer
• The glass entry foyer is 14m high and comprises over 100 glazed panes, including 60 single panes to the walls and 49 double glazed panes to the roof
• The roof glass is double glazed, laminated and E coated to cut UV rays
• Designed to be sympathetic to the seasons, i.e. warm in winter and cool in summer
• Sun shading is fixed
• The glass will be cleaned using a cherry picker lift, and the foyer is so designed to accommodate the equipment and not damage the floor. The outer roof has safety harness brackets to enable contractors to walk on the roof to clean it, the glass will bear the weight of a person
• Floor is made of Italian terrazzo
• The artwork, in four pieces, was commissioned by South Australian artist Kay Lawrence.

Outside the foyer
The paving for the forecourt will be Victorian bluestone.

On the ground floor
• Salsa Café will open in August
• Adelaide City Council Library and Community Centre opens on July 14. Its collection strengths are travel and lifestyle topics, and its services include paying rates and parking fines
• Flinders University City Gallery and shop (relocated from Grote Street) opens in August.
Institute Building
- Brickwork is Flemish Bond - there are no vertical joints that line up
- Original building was built in 1860 and new section added in 1907
- Will provide an alternative access into the Library and will be completed in October 2003.
- Houses the renowned Bradman Collection and the beautiful Circulating Library Room
- Includes a heritage meeting room suite, training room and lecture theatre, all of which will be available for hire in 2004

Bastyan Walkway
- Connects the Spence Wing and the Mortlock Wing
- Is the entrance to the Mortlock Wing which will open in 2004 and will house a range of exhibitions and public programs.

Spence Wing
First Level
- Entry to the open access collections and services
- Timber flooring is Victorian Ash, also known as Tasmanian Oak or in South Australia, Stringybark
- Information Desk is first point of call for all enquiries, streamlining customer service

Bag/Cloaking service

Ron Boland Newspaper Reading Area
- Delineated by the Tasmanian Myrtle timber coffered ceilings.
- Sponsored with $400,000 grant by News Corporation in recognition of Ron Boland OBE, former editor and managing director of The News who died in April 2000
- History of newspapers display
- Linotype printer
- Viewing tables are made from Tasmanian Myrtle.

Bray Study Rooms
Six small group study rooms and one large study room which can be booked at the Information Desk.

General reference collection
- Approximately 15% of the Library’s collections are on open access, including the Thomas Hardy Wine Library and the Paul McGuire Maritime Library, so customers can browse the collection to select books
- Significant collections held in storage include the Map Collection, Childrens’ Literature Research Collection and Rare Books Collection
- Maps will be viewed in the Somerville Reading Room
- Study seating is provided around three sides of the perimeter with facilities for use of laptops.

Somerville Reading Room
- Formerly the Mortlock Reading Room
- For supervised use of rare books and South Australian material.

AV Booth
- For use of audio visual preservation material, includes videos, CDs, DVDs and 16mm film.

Treasures Wall
- 24 metres long x 2.5 metres high and has 40 panels
- The installation features changing displays of the best of the Library’s collections
- It will be constructed of natural materials from South Australia
- Will be completed in August 2003.

Artworks in Spence Wing entry foyer and on level 1
- Kay Lawrence and John Nowland are the commissioned artists for Foyer Entry artwork which is in four pieces:
  - Welcome greeting in Kaurna language, engraved onto an entry stone
  - Woven coil, hung from ceiling above the rug
  - Rug, approximately 5 metres x 5 metres, directly beneath coil
  - Banner against the bulkhead which reads ‘we speak, read and write ourselves into being’, seen as you enter the building and also visible several metres outside building.
Ernabella rugs
- Three vibrant rugs designed by Pantjiti (pronounced punt-a-chee) McKenzie from Ernabella Arts Inc of the Pukatja (pronounced pook-a-jar) Community
- The project was made possible by funding obtained through the Foundation in the form of grants from Coles Myer, Perpetual and three private donors
- Eric Korda Bros/Tai Ping Studios in China were contracted to fabricate the rugs.

Student artwork
- Found object plastic bags with messages of place sewn into them.
- More details are available on the Artworks in the Spence Wing.

Mortlock Wing
- Currently undergoing an upgrade to carpets, lighting and facilities
- Home to the Friends of the State Library
- Houses the historic Symon Library
- Crawford Room is a meeting room for groups and students visiting the State Library
- The Mortlock chamber is set to become a giant exhibitions treasures area
- Each of the 14 Mortlock bays has been themed to capture the essence of South Australia: its people, challenges, success and culture
- Will be the centre for Public Programs
- Due for completion in March 2004.

Names commemorated in State Library buildings
More detail is available on Building names
- Spence Wing
- Bastyan Walkway
- Bray Study Rooms
- Somerville Reading Room
- Paul McGuire Maritime Library
- Ron Boland Newspaper Reading Area
- Thomas Hardy Wine Library
- Mortlock Wing
- Crawford Room
- Jervois Room
- Symon Library
- Institute Building
- Bradman Collection
- Morgan Thomas Suite

Redevelopment Facts
Jervois Wing
35,000 screws were used in the Jervois galleries for the earthquake works.
There is $20,000 worth of fittings in the Jervois earthquake works.

Spence Wing

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<thead>
<tr>
<th>Features</th>
<th>Before</th>
<th>After</th>
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<tbody>
<tr>
<td>Space on North Terrace</td>
<td>14,505 sq m</td>
<td>16,447 sq m</td>
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<tr>
<td>Open access Library</td>
<td>2,040 sq m</td>
<td>3,205 sq m</td>
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<tr>
<td>Special interest area</td>
<td>657 sq m</td>
<td>1,100 sq m</td>
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<td>Number of computers for public use</td>
<td>49</td>
<td>112+</td>
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<td>Meeting/training rooms</td>
<td>170 sq m</td>
<td>525 sq m</td>
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