

## Heritage experience overview

Rapid has a deep specialism in heritage works and has completed works on a varied spectrum of heritage styles and fabrics. Rapid has completed heritage works at the University of Sydney, successfully replacing roofs on the Heydon-Laurence and Pharmacy Buildings, whilst classes continued. Rapid has completed significant heritage works at some of Sydney's landmark properties and precincts including Kent St, High St, Lower Fort St, and Argyle Place Millers Point, for Housing NSW (now NSW LAHC) consistently scoring 95% on each client evaluation.

At the University of Sydney we completed a full Heritage refurbishment of the Pharmacy Building roof including replacement of roof tiles, structural elements, copper roof plumbing and Heritage elements worth \$1m. The Project Manager noted the *"complex sequencing required to ensure the building was not exposed to the elements; substantial inclement weather and latent conditions"* and concluded *"it was a testament to Rapid's professionalism to complete the project ahead of schedule, with site management exceptional and client communications/relationship excellent."* Another two projects were completed for the University in 2011, involving new passenger lifts and associated BCA/accessibility upgrades on multiple buildings as well as another roofing project. All were completed on the University's main campus at Camperdown in normal working hours during full university operation. Worth a total of \$3.2m, work involved design and construction of disability access, ventilation, six amenities to buildings, new lift shafts and lift demolition, major and intricate roofing, detailed joinery and flooring including timber, vinyl, carpet and tiles. External works were quite significant in water-charged ground conditions in a floodway. The University's Heritage Architect scored our performance as Superior in all categories.

## Heritage capability

Throughout our history Rapid has worked as both head contractor and specialist contractor in carrying out Heritage works. We have worked in close collaboration with NSW's leading Heritage Architects. We possess internal heritage knowledge and awareness in adherence to the Burra Charter. As we work with Heritage Architects we collaborate closely with them to ensure the fabric and significance of the property and its surrounding precinct are preserved.

A central element to our continued success is our robust planning, rigorous programme management, consultative stakeholder engagement and client oriented delivery. Our delivery focuses on user groups; accommodating all key groups, including members of the public, to ensure quality delivery on time and within budget.

## Aged infrastructure

There are a wealth of issues and potential complications inherent in working with aged infrastructure. Failure to be on the alert for these issues can mean significant cost, time and quality implications; we are therefore extremely proud of our wealth of experience in this area, amassed over the last 30 years Rapid has been in business and supplemented by the collective experience of our people during their careers. Issues we have come across regularly include the following:

- Non-complying infrastructure such as stormwater connections into sewer and vice versa
- Aged buildings should always have their infrastructure reviewed by camera or traced to confirm that existing services are clear, continue to a main line and discharge into a correct service
- Old service pipework constructed of the same materials (sewer and stormwater earthenware pipes, for example) which opens the potential for new construction services to connect into the wrong service pipework if an investigation is not conducted
- Electrical wiring and switchboards may be faulty and not meet current standards

- Switchboard line diagrams and labels could be missing, superseded or incorrect
- Depending on the age of the building, the stormwater may not be connected to any in-ground service.
- Emergency lighting and signage may be non-existent
- Drainage may be choked with tree roots or simply shifted at the joints during settlement over the years that could create blockages
- Water pipework could be frail
- Hot water or air conditioning pipe work could be lagged/insulated with asbestos
- Asbestos contained within doors and other elements of the structure
- Timber structural failure
- Steel structural failure
- Structure requiring underpinning before new works commence
- Borers and termites
- Rising damp and ventilation problems
- Egress problems that do not meet current standards
- Inaccurate existing structural and service drawings that are misleading
- Substandard foundations
- Heritage concerns
- Lead painted building elements
- In ground issues such as
  - Ground water
  - Contaminated soils
  - Unregistered services
  - Heritage items
  - Unstable load-bearing stone work

### **Maintaining the cultural significance of a heritage asset whilst implementing additions**

Our Managing Director Ian Holswich and other personnel have an enduring passion for the challenges and sense of achievement to be found in working in the Heritage arena and this advocacy for the preservation, sympathetic adaptation and renewal of Australia's rich cultural heritage is a core element setting us apart from other builders. Any addition to a heritage asset, whether major or minor, fundamentally involves a change to that asset. Below we provide an overview of how we maintain the significance of the asset guided by fundamental principles and then provide examples of where we have successfully achieved this. All works conducted by Rapid are guided by the Burra Charter (1999). We have successfully worked on numerous Heritage assets across NSW for 30 years.

Our \$1.1m project in the Dining Hall precinct at Central Station is an example of this. Following a fire within a fast food operation at Central Station, Sydney Trains engaged Rapid to deliver urgent engineering investigations followed by emergency structural support. Our engineering investigation found that the integrity of the almost 100 year old floor slab, of clinker-rich concrete over jack arch construction using steel beams and hollow clay pot terracotta lumber, had been severely compromised due to the corrosive ingress of moisture and cleaning products over many years. Rapid then worked with Sydney Trains to design and implement a detailed, technical remedial solution and prevent further deterioration of the State Heritage register listed asset. Damaged areas of the slab were removed to facilitate access to the corroded beams which were sand-blasted back to clean metal and then protected with a zinc-rich primer. Extensive additional reinforcing was then integrated into the exposed jack arch construction. Rapid

worked closely with Heritage Architects and Officers from Sydney Trains, City of Sydney Council and the NSW Office of Environment and Heritage throughout the works to document all aspects of the jack arch structure. The formerly affected section was isolated from the remainder of the ground floor slab and 40mPa concrete at 200 slump was then pumped in. Following a full cure Rapid then delivered water-proofing, fire-rated risers between floors and finally complete new wall and floor tiling. Relevant innovations and enhancements included deployment of garnet-sand abrasive rust removal methodology reducing the need for complete replacement of failed sections of structural steel beams, thereby enhancing and preserving the Heritage condition of the asset.

### **Achieve an understanding of the asset and its significance**

All work undertaken by Rapid involves thorough planning in relation to the conservation of a heritage site. Change is undesirable where it reduces the heritage significance of the asset. At all times Rapid ensures our plan and works are guided by the significance of the heritage asset. At first instance we investigate, evaluate and assess the heritage significance of the site. Using the information gathered throughout our assessment we will prepare a conservation management plan and obtain relevant approvals. We ensure that works are scheduled to minimise risk to the asset and record as much information about the works conducted as possible. All works reveal additional information that can be used in subsequent operations on that asset and it is essential that such information be recorded to ensure that whoever works upon the asset has the most recent and up to date information on it to enable its heritage significance to be maintained.

This includes a demonstrated internal capability to undertake full photographic archival recording prior to the commencement of works, during works and at the completion of works, in accordance with the Heritage NSW publication 'Photographic Recording of Heritage Items using Film or Digital Capture' (2006). Our employee and QWHSE Manager Peter McFarlane holds the Cert IV in Photographic Imaging qualification and is well versed in this activity. Using Peter's skills we have previously completed similar archival documentary works on behalf of Sydney Trains and OCP Architects during our delivery of works on the Central Station Dining Hall project for Sydney Trains in 2018. (The relevant s60 application details are: APPLICATION UNDER s60 OF THE HERITAGE ACT 1977 SYDNEY TERMINAL AND CENTRAL RAILWAY STATIONS GROUP, STATE HERITAGE REGISTER No 01255, DOC17/595600, File No: SF17/50017.) We believe this internal capability to be a significant point of difference in our offer.

### **Record the current state of the asset to assist in reversibility**

Rapid thoroughly documents our findings as well as the state of the asset and its repair status prior to actual commencement of works onsite. Rapid ensures we record existing fabric, use and associations prior to commencement of any change. Documented history is essential to the future management of heritage assets and assists in ensuring any work is reversible if needed. Rapid supplements our detailed analysis of the building with photographs.

### **Maintain significance of asset within its surrounds**

Rapid ensures that any decisions relating to an asset maintain the asset's significance in terms of setting, streetscape and location. We maintain any visual settings as well as views or vistas. We maintain the context of the asset within its streetscape or surrounds. The actual location of the asset forms a key element of its heritage significance. Under the proposed contract Rapid will ensure that all heritage assets maintain their required significance amidst their surrounds.

### **Ensure any change creates minimal negative impacts on heritage significance**

Rapid monitors any alteration to ensure that these changes are essential. Any alteration, extension or adaptation of use should only be undertaken when the fabric of the asset is not changed significantly. Any change is undertaken only following a full consideration of all alternatives. However where Rapid finds an element that intrudes into the heritage significance of the asset we will remove that element upon approval.

For our current work at Coniston Railway Station involving Heritage stabilisation and remediation, we have saved our client significant time and money, and reduced the need for the roof to be removed, by proposing and implementing a steel cable strengthening solution, using 16mm woven steel cables within M20 couplings, in place of the originally specified steel rod solution. This allowed us to feed the flexible tensioning cables through the cavity, meaning there was no need to completely remove the roof structure. The scope also required lintel replacements above windows, which we achieved through the removal of an absolute minimum of brick courses, stabilising and supporting those above until the new lintels were installed.

At 494 Pitt Street Haymarket, our work for the Cootamundra Girls' Home group involved remediation, stabilisation and repair works to facilitate Heritage adaptive re-use. The existing floor had been termite affected but heritage guidelines required it to be preserved. The timber was very fragile due to its age and condition. Areas that could not be salvaged were matched for species, colour, size, and grain. The structural steel supporting the concrete arched roof was severely deteriorated and steel had to be propped and samples taken for metallurgical testing in order to determine the composition for weld repair design. The existing sub-floor was filled to the top of the joists with 38 tonnes of basalt ballast. Due to the location on Pitt St, removal access was very difficult so the ballast was removed via conveyor belts onto waiting trucks. The existing walls were heavily affected by moisture seepage and salt damage and much of the original plaster was failing, but with specialist consultant/subcontractor advice and assistance (Westox) we were able to stabilise the existing substrate in many locations and apply new hardset plaster to the new and existing substrate to provide a fantastic finish. The site had been dedicated to Dept. Aboriginal Affairs by NSW Trains and supported by Sydney Trains for the use of former attendees of the Cootamundra Girls Home as a meeting place for their organisation. It was important to provide modern accessible facilities in a site that had not been originally designed for this purpose. The adaptations required much collaboration between all parties with the involvement of OEH, Sydney Trains Heritage Specialist Gretta Logue (Environment Division) and Heritage Architects engaged by Sydney Trains.

### **Ensure new designs are distinctive and reversible**

Rapid ensures all new additions to a building exhibiting heritage significance, even additions or new buildings within the vicinity of a Heritage-listed asset, are easily recognised as being built in the present whilst being sympathetic to the heritage nature of the building. Rapid will work with the design to render alterations to original fabric reversible as far as reasonably possible and practical.

### **Sympathetically meet modern standards and install essential services**

While maintaining the heritage significance of a property we also ensure that any addition complies with modern standards, building codes and other legal requirements. All essential and modern services will be installed sympathetically and with minimal impact on heritage significance. At all times we ensure works are reversible.

Below we provide detail on our Heritage experience. Written references are also attached where available.

Project Name	Spice Alley & Kensington Street – CentralPark precinct
Location	Kensington Street, Chippendale NSW 2008
Client	Greencliff Holdings
Contract Sum	\$14.8m
Contract Duration	14 months
Project Description	Adaptive re-use & new build infill to a 5-storey Heritage warehouse; adaptive re-use remediation, stabilisation and repair to 15 worker’s cottages; new-build multi-tenancy commercial infill; demolition and new-build 3-storey commercial multi-use infill – all works undertaken concurrently within a very limited site footprint adjacent to four other building companies and the client all conducting additional concurrent works across the CentralPark precinct.
Date of Completion	2015
Referee	Marcus Chang   0418 628 635   <a href="mailto:Marcus@greencliff.com.au">Marcus@greencliff.com.au</a>

Project Name	Greenway Flats – Windows Refurbishment
Location	Greenway Drive, Milson’s Point NSW 2061
Client	NSW Land & Housing Corporation
Contract Sum	\$6.3m
Contract Duration	14 months
Project Description	Lead paint removal, de-glazing, re-glazing and re-painting to 1300 galvanised steel-framed unit and common area windows in occupied, operating Heritage-listed social housing property
Date of Completion	April 2020
Referee	Jiansen Kang   0466 821 566   <a href="mailto:Jiansen.kang@facns.nsw.gov.au">Jiansen.kang@facns.nsw.gov.au</a> Michael Melas   0423 399 788   <a href="mailto:michaelm@nasrgroup.com.au">michaelm@nasrgroup.com.au</a> Otto Cserhalmi   0403 184 607   <a href="mailto:otto@ocp.net.au">otto@ocp.net.au</a>

Project Name	Central Dining Hall – Structural Remediation & Repairs
Location	Central Railway Station, Eddy Avenue, Haymarket NSW 2000
Client	Sydney Trains
Contract Sum	\$1.1m
Contract Duration	8 months
Project Description	Following a fire within a fast food operation at Central Station, Sydney Trains engaged Rapid to deliver urgent engineering investigations followed by emergency structural support. Our engineering investigation found that the integrity of the almost 100 year old floor slab, of clinker-rich concrete over jack arch construction using steel beams and hollow clay pot terracotta lumber, had been severely compromised due to the corrosive ingress of moisture and cleaning products over many years. Rapid then worked with Sydney Trains to design and

	implement a detailed, technical remedial solution and prevent further deterioration of the State Heritage register listed asset. Damaged areas of the slab were removed to facilitate access to the corroded beams which were sand-blasted back to clean metal and then protected with a zinc-rich primer. Extensive additional reinforcing was then integrated into the exposed jack arch construction. Rapid worked closely with Heritage Architects and Officers from Sydney Trains, City of Sydney Council and the NSW Office of Environment and Heritage throughout the works to document all aspects of the jack arch structure. The formerly affected section was isolated from the remainder of the ground floor slab and 40MPa concrete at 200 slump was then pumped in. Following a full cure Rapid then delivered water-proofing, fire-rated risers between floors and finally complete new wall and floor tiling.
Date of Completion	September 2018
Referee	Mark Read   0466 534 162   <a href="mailto:mark@reacon.com.au">mark@reacon.com.au</a>

Project Name	Queen's Road Gatehouse Adaptive Re-use
Location	Queen's Road Gate, Parramatta Park, Parramatta NSW 2124
Client	Western Sydney Parklands Trust
Contract Sum	\$1.3m
Contract Duration	6 months
Project Description	This project involved the stabilisation, remediation and adaptive re-use of a mid-19th century Heritage-listed Gatehouse in Parramatta Park at the Queen's Road entry near Westmead. Substantial contaminated soil remediation was involved in addition to the removal of lead-based paint on all surfaces of the existing structure. The roof was substantially re-built in order to protect and preserve as much of the original fabric as possible including original beams, rafters and shingles under the more recently added corrugated covering. Substantial termite damage across all aspects of the structure, including the lime-based mortar, was undertaken and the structure was subject to extensive desalination followed by significant brick-stitching repairs. One internal wall in the Gatehouse was removed to facilitate adaptive re-use; the bricks used in the structure were found to be even older than the structure itself and probably dating from around 1840 – while not convict-made, they did have the distinctive arrow-style frog indicating they were made by Government employees; it is likely that an earlier park structure was demolished and the brick re-used in the construction of the Gatehouse. The chimney structure was stabilised internally with a steel and mortar filling and the original sandstone fireplace was restored. Ornate fibrous plaster ceilings, original doors and windows were all restored. A new polished Tallow-wood floor was laid throughout the Gatehouse supported on new brick piers. The new build component delivered a light-filled pavilion adjacent to the Gatehouse, connected by a glass atrium and sandstone walkways and clad in Western Cedar in a soft, white-washed tone. The pavilion features a large open-plan space with polished concrete floor, a small kitchenette and disabled access amenities in left- and right-hand configurations. During soil remediation an original well was discovered just underneath the corner of the Gatehouse – after careful examination by an archaeologist the bee-hive shaped well was in-filled with sand to protect it and the sandstone walkway laid above. Finally the garden was reinstated with hardy native species.
Date of Completion	January 2017

Referee	Sarah Christie   0477 375 586   <a href="mailto:sarah.christie@wspt.nsw.gov.au">sarah.christie@wspt.nsw.gov.au</a>
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Project Name	Bradfield Park Shelters
Location	Bradfield Park, Milson's Point NSW 2061
Client	North Sydney Council
Contract Sum	\$162k
Contract Duration	9 weeks
Project Description	The two shelters are situated in Bradfield Park at Milson's Point, under the Sydney Harbour Bridge. Work involved debris and rubbish removal, concrete repair, installation of embedded anodes, replacement of steel reinforcement and other metal fixtures, drainage assessment and upgrade, installation of waterproof membranes and application of silane and anti-carbonation coatings.
Date of Completion	May 2016
Referee	Kate Bambrick-Browne   02 9936 8100   <a href="mailto:kate.bambrick-browne@northsydney.nsw.gov.au">kate.bambrick-browne@northsydney.nsw.gov.au</a>

Project Name	Rosebank Cottage
Location	17 Speed Street, Liverpool NSW 2170
Client	Liverpool City Council
Contract Sum	\$550k
Contract Duration	3 months
Project Description	Internal & external Heritage repairs and compliance upgrades to a listed Victorian Italianate structure owned by Liverpool City Council, currently used to deliver sexual abuse counselling and support services.
Date of Completion	September 2019
Referee	Ajmal Siddiq   0418 631 954   <a href="mailto:siddiq@liverpool.nsw.gov.au">siddiq@liverpool.nsw.gov.au</a> Otto Cserhalmi   0403 184 607   <a href="mailto:otto@ocp.net.au">otto@ocp.net.au</a>

Project Name	Eastwood Brick Pits & Chimneys – stabilisation and adaptive re-use
Location	Midson Road, Eastwood NSW 2122
Client	AV Jennings Properties Limited
Contract Sum	\$3.1m
Contract Duration	9 months
Project Description	Rapid provided Heritage stabilisation and remediation works to the two square brick chimneys on this site as well as adaptive re-use preservation works for the kilns. Custom steel frames were installed inside both chimneys after first dismantling and re-building many courses of bricks. Extensive mortar repairs and stitching was required. All bricks used on site were those salvaged from the site and originally fired on site. We protected and

	incorporated original machinery into the new design which provides recreational facilities for surrounding residents on the Newthorpe Estate.
Date of Completion	November 2014
Referee	Jonathan Lau   0414 888 808   <a href="mailto:projects@sandricks.com">projects@sandricks.com</a>

Project Name	Glebe Town Hall
Location	St John's Road & Westmoreland Street, Glebe NSW 2037
Client	City of Sydney
Contract Sum	\$7.5m
Contract Duration	12 months
Project Description	The original building was completely refurbished and a new extension constructed. The Lodge required structural stabilisation and underpinning; fire services were installed and a full commercial kitchen installed. The clock tower was restored and the Welsh Slate roof renewed. A lift and new entry both improve accessibility, while the facade required extensive desalination prior to protection.
Date of Completion	2012
Referee	Jean Rice   0430 082 440   <a href="mailto:jean@jeanrice.com.au">jean@jeanrice.com.au</a>

Project Name	Mamre House
Location	Mamre Homestead, Mamre Road, Orchard Hills
Client	NSW Department of Planning & Environment
Contract Sum	\$620k
Contract Duration	6 months
Project Description	Situated on a section of the original nineteenth century land grant to the Reverend Samuel Marsden in 1807, Mamre House was built between 1824 and 1832 and is now of Heritage and archaeological significance. Under the supervision of a Heritage architect and archaeologists, Rapid delivered underpinning works and restored timber floors and windows. We also repaired and stabilised sandstone flagstones, the roof and the chimneys, and delivered a full electrical and lighting upgrade, completing the work 4 weeks ahead of the expected schedule. Stage 2 involved brick stitching, chimney stabilisation and repair, roof structure stabilisation, strengthening and repair, additional electrical works, floor sanding and polishing, and internal patching and painting.
Date of Completion	July 2016
Referee	Joseph Pisano   02 9860 1417   <a href="mailto:joe.pisano@planning.nsw.gov.au">joe.pisano@planning.nsw.gov.au</a>

Project Name	494 Pitt Street – Coota Girls
Location	494 Pitt Street, Haymarket NSW 2000

Client	Sydney Trains
Contract Sum	\$520k
Contract Duration	12 weeks
Project Description	Existing floor had been termite affected but heritage guidelines required it to be preserved. The timber was very fragile due to its age and condition. Areas that could not be salvaged were matched for species, colour, size, and grain. The structural steel supporting the concrete arched roof was severely deteriorated and steel had to be propped and samples taken for metallurgical testing in order to determine the composition for weld repair design. The existing sub-floor was filled to the top of the joists with 38 tonnes of basalt ballast. Due to the location on Pitt St, removal access was very difficult so the ballast was removed via conveyor belts onto waiting trucks. The existing walls were heavily affected by moisture seepage and salt damage and much of the original plaster was failing, but with specialist consultant/subcontractor advice and assistance (Westox) we were able to stabilise the existing substrate in many locations and apply new hardset plaster to the new and existing substrate to provide a fantastic finish. The site had been dedicated to Dept. Aboriginal Affairs by NSW Trains and supported by Sydney Trains for the use of former attendees of the Cootamundra Girls Home as a meeting place for their organisation. It was important to provide modern accessible facilities in a site that had not been originally designed for this purpose. The adaptations required much collaboration between all parties with the involvement of OEH, Sydney Trains Heritage Specialist Gretta Logue (Environment Division) and Heritage Architects engaged by Sydney Trains.
Date of Completion	July 2017
Referee	Mark Read   0466 534 162   <a href="mailto:mark@reacon.com.au">mark@reacon.com.au</a>

Project Name	Harbour Rocks Hotel
Location	34 Harrington Street, The Rocks NSW 2000
Client	Shreeji Consultant Structural Civil Engineers
Contract Sum	\$560k
Contract Duration	75 days
Project Description	Façade remediation including render repairs, brick stitching, timber window repairs
Date of Completion	October 2020
Referee	Sumeer Gohil   0407 948 797   <a href="mailto:sumeer@shreejiconsultant.com">sumeer@shreejiconsultant.com</a>

Project Name	Coniston Railway Station
Location	Gladstone Avenue, Coniston NSW 2500
Client	Sydney Trains
Contract Sum	\$181k
Contract Duration	2 months
Project Description	Heritage stabilisation and remediation to canopy/awning external beams and connections –

	replacement of failing mild steel rods with 316 marine grade cable stainless steel and nylon insulation
Date of Completion	September 2020
Referee	Chintal Shah   0459 804 840   <a href="mailto:chintal.shah@transport.nsw.gov.au">chintal.shah@transport.nsw.gov.au</a>

Project Name	North Bondi Remedial Building Works
Location	6 Hastings Parade, North Bondi NSW 2026
Client	NSW Land & Housing Corporation
Contract Sum	\$252k
Contract Duration	4 months
Project Description	Heritage repairs, remediation and stabilisation including re-pointing and stitching of brick systems, structural support and lintel replacement, upgrades to drainage systems, desalination, damp proofing and replacement of internal walls.
Date of Completion	May 2016
Referee	Vasudev Parulekar   02 9354 1809   <a href="mailto:vasudev.parulekar@facs.nsw.gov.au">vasudev.parulekar@facs.nsw.gov.au</a>

Project Name	Group Home Refurbishment
Location	271 Mowbray Road, Chatswood NSW 2067
Client	NSW Land & Housing Corporation
Contract Sum	\$704k
Contract Duration	9 months
Project Description	Internal and external refurbishments, additions and upgrades to Heritage Group Disability Home
Date of Completion	September 2016
Referee	David Canagasabey   0448 246 544   <a href="mailto:david.canagasabey@facs.nsw.gov.au">david.canagasabey@facs.nsw.gov.au</a>

Project Name	Bungendore Railway Station
Location	Bungendore, NSW 2621
Client	Sydney Trains
Contract Sum	\$208k
Contract Duration	10 weeks
Project Description	Heritage restoration and repair
Date of Completion	June 2020
Referee	Eamonn O'Mahony   0439 503 471   <a href="mailto:Eamonn.omahony@transport.nsw.gov.au">Eamonn.omahony@transport.nsw.gov.au</a>

Project Name	Werris Creek Rail Journeys Museum
Location	Werris Creek, NSW 2341
Client	Liverpool Plains Shire Council
Contract Sum	\$620k
Contract Duration	6 months
Project Description	Heritage refurbishment and HAZMAT removal works at the Rail Journeys Museum, part of Werris Creek Railway Station. Works were completed to the attached office and veranda and incorporated a roof restoration involving Heritage truss grafting. HAZMAT works included the removal of friable and bonded asbestos, lead paint, lead dust and synthetic mineral fibre. The HAZMAT works were undertaken on a live rail corridor on a working platform and within the working Museum. Rapid also carried out the upgrade and refurbishment of the first floor providing additional museum space and repairs, disabled access and bathrooms, termite repairs and structural defects. Rapid provided extensive Heritage advice and solutions to the client during the work and prepared CAD drawings relating to structural repairs and remediation, which contributed to significant time and cost savings.
Date of Completion	April 2013
Referee	Ron Van Katwyk   0428 667 159   <a href="mailto:ron.vankatwyk@lpsc.nsw.gov.au">ron.vankatwyk@lpsc.nsw.gov.au</a>