



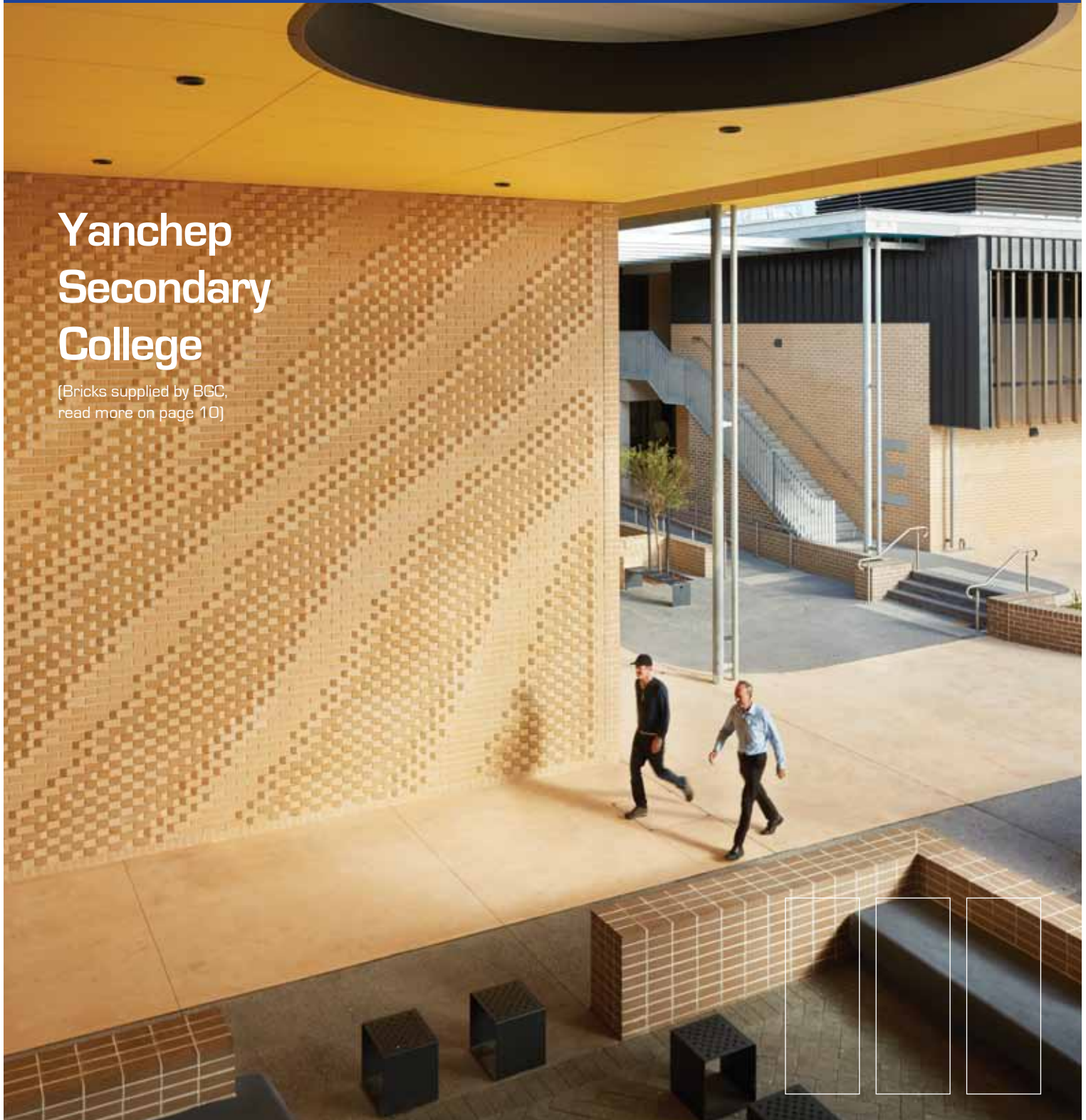
# BULLETIN

Buckeridge Group of Companies - BGC news and reviews

Issue 11 - Q3 2018

## Yanchep Secondary College

(Bricks supplied by BGC,  
read more on page 10)





# BULLETIN

Welcome to Issue 11 of the **BGC Bulletin**



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This quarterly publication showcases the depth and breadth of talent, achievements and innovation throughout the BGC Group.

Cover image: Yanchep Secondary College - Photography by Acorn Photo.

**BGC Credit Services' Stephanie Bohan State Finalist for prestigious award**

The BGC Group is delighted to congratulate Stephanie Bohan from Credit Services on being selected as one of the Western Australian Divisional State Finalists for the 2018 Young Credit Professional of the Year Award.

The award nomination, from the Australian Institute of Credit Management, is the most prestigious Youth Credit Award program in Australia, which recognises the efforts of young credit professionals.

BGC Credit General Manager Jason Louis said he was very pleased to see Stephanie achieve State Finalist status for such a significant award.

Stephanie manages the account collections of four BGC divisions, in addition to recently expanding her knowledge to conduct and assess credit extensions and reviews. She also played an active role in assisting the Credit Department achieve automation of invoice production.



**BGC Contracting wins new contract with SIMEC Mining**

BGC Contracting has mobilised a new contract in South Australia, after being awarded additional work and being nominated as the single provider of mining services for SIMEC Mining in South Australia.

The latest contract is indicative of BGC Contracting's long-standing relationship with the mining sector in Whyalla, and sees the company expand its operations to the Iron Baron Mining Area for a minimum of three years. Following four months of mobilisation, the contract officially commenced on 1 August 2018.

The win follows last year's renewed five-year contract award for the Iron Knob Mining Area and South Middleback Ranges.

BGC Contracting currently operates at SIMEC Mining's Iron Knob Mining Area

and South Middleback Ranges. SIMEC Mining provides lump and fine products to international steel markets as well as Liberty's Primary Steel operations in Whyalla.

Under the contracts, BGC Contracting provides a full range of mining services, including drilling, blasting, loading, hauling, fixed plant feed (crusher, concentrator & ore beneficiation plant) and train load-out.

BGC Contracting Chief Executive Officer Greg Heylen said the new contract was a significant vote of confidence in the project and reflected well on the collaborative relationship built with the mine's owners over a number of years.

"Last year was a challenging time for former mine owners, Arrium Mining. We worked with the administrators and new owners SIMEC Mining to bring continuity to the operation, and our employees," he said.

"One of our core strengths as a business is that being privately owned and vertically integrated allows us to be adaptive and most importantly, responsive to significant shifts in the market."

BGC Contracting General Manager of Mining, Tariro Ruwiza, said the company had worked collaboratively with SIMEC Mining to ensure safer, efficient and more sustainable solutions for their mining operations.

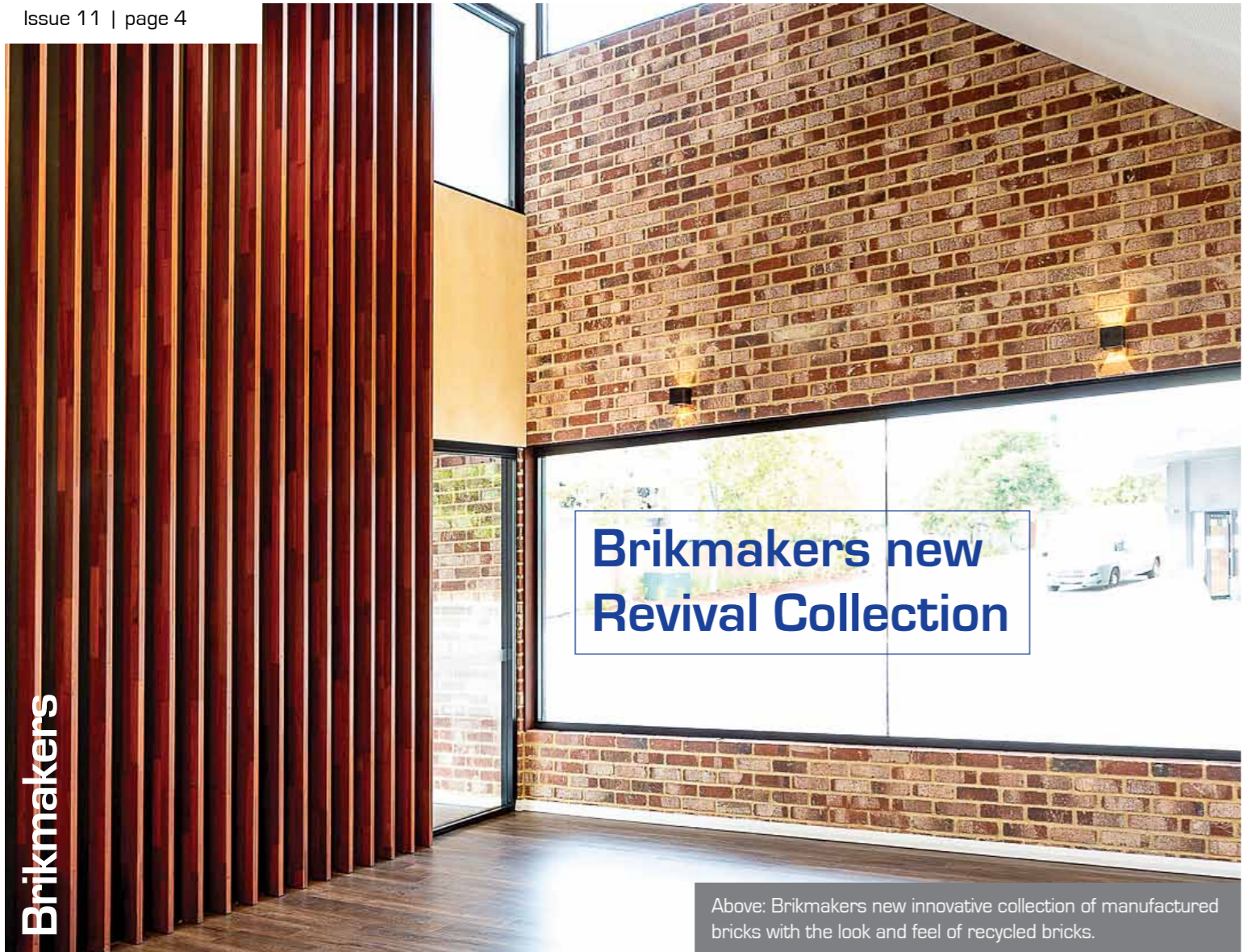
"BGC Contracting is the single mining contractor for the Whyalla-based operations – this provides consistency of service for SIMEC Mining and allows efficient utilisation of resources in the region," he said.

"We look forward to strengthening the partnership through continuous improvement and working on delivering the lowest possible sustainable cost for the SIMEC mining operations."



Contracting

**BGC Contracting wins new contract**



## Brikmakers new Revival Collection

Above: Brikmakers new innovative collection of manufactured bricks with the look and feel of recycled bricks.

### Brikmakers launch products with perfect blend of old and new

**Brikmakers has launched an innovative collection featuring newly-manufactured bricks with the popular look and feel of recycled bricks that are full of character.**

Known as the Revival collection, the clay bricks have been designed to mimic the "recycled look", but include all the benefits of a modern, engineered product, perfect for creating a unique look in any home or project.

The collection is available in five key blends, known as Bishops House, Criterion, Laneway Vibe, Treasury Red and Tudor Blend. In addition, to further enhance their rustic appearance, each blend is also available in a tumbled variety, expanding the collection to a total of ten brick blends. Custom mixes and blends of these unique colours are also available upon request.

These locally-made products have been named with a nod to Perth architectural references from the past, that continue to stand the test of time.

General Manager Vince Scarvaci said there had been a distinct increase in demand for the look of recycled bricks, but the expensive price tag and variability of the product has made recycled bricks a nonviable option for large residential and commercial projects.

"This new range gives homebuilders and designers a fantastic opportunity to get imaginative and create a variety of desirable looks and styles that are still affordable," he said.

"We encourage designers and home builders to create their own unique batch by mixing products from the various colour blends in order to add character to a home in a way that only exposed bricks can."



### BGC Cement leads technical knowledge in WA with Cemtech



## Cemtech's laboratory

BGC Cement is a leader in the cement manufacturing industry, with Western Australia's only National Association of Testing Authorities (NATA) accredited laboratory for cement, concrete and related products and the recent hire of industry leading chemist Bret Barnett underpinning BGC's credentials in the space.

Cemtech's dedicated team of field testers and lab technicians conduct testing of raw materials, manufactured product and samples for a variety of clients. In addition to providing technical services and solutions, the lab undertakes research and development for specialised mining applications.

An established contributor of industry technical knowledge, the Cemtech laboratory is committed to continually improving the quality and performance of BGC's products and services.

The laboratory is equipped with state-of-the-art chemical and physical testing equipment, and also provides a range of analysis services to external customers.

Cemtech was recently placed under the direction of chemist Bret Barnett, who joined BGC Cement earlier this year following an extensive career in Eastern Australia.

With more than 25 years' experience in the cement industry, Bret's technical expertise enables him to lead Cemtech's dedicated team of staff to continue the high standard of testing provided to BGC Cement and external clients.

A key reason for Bret's appointment, is the enhancement of BGC Cement's technical expertise, to serve both internal and external customers. This has already been demonstrated with Bret assisting Sales Manager, Rob Turkovic, in the field.

Bret has been instrumental in continuing to encourage proactive customer interaction and in developments such as assisting precast clients with Unconfined Compressive Strength (UCS) procedures, selecting the correct cement type for concrete product manufacturers and working with mining clients on Binder and Tailings analysis.



Above: New Cemtech Technical Manager, Bret Barnett.

# Opal Carine aged-care facility

Construction



Above: The new 145-bed residential aged-care facility located in Carine.

## BGC Construction completes works on aged-care facility

**BGC Construction is celebrating the completion of Opal Carine, a modern residential aged care facility located in Carine.**

The new 145-bed residential aged care home opened its doors in July and will offer the community access to specialist aged care services including permanent, respite and dementia-specific care.

BGC Construction Retirement and Unit Development Manager John Irvine said this was the first project BGC Construction had delivered for the Opal Aged Care group.

“We were extremely happy with the final outcome, and we hope this will be the first of many contracts between BGC Construction and Opal Aged Care,” he said.

The beautifully-designed accommodation features an on-site café, hairdresser, courtyards and luxurious living and dining rooms to meet with friends and family. Two specialist memory support wings and a memory garden will also be accessible for residents to safely enjoy at their leisure.

The project also benefited from the support of Brikmakers, BGC Concrete and BGC Builders Supplies. Brikmakers supplied a large portion of the bricks used in the development, BGC Concrete supplied a range of products to the facility, including the contiguous piling in the basement, structural concrete and external paving featuring both exposed aggregate and coloured concrete mixes. BGC Builders Supplies contribution included amongst other items all of the doors and skirtings required throughout the facility.

The completion of Opal Carine reaffirms BGC Construction’s track record in delivering state-of-the-art aged care facilities.

Other recent construction contracts include the Alice Ross King Aged Care facility for RAAFA at Bullcreek and the currently under construction 120-bed Aged Care facility for Opal in Alfred Cove.

Construction / Precast



# Victoria Square Bunbury CBD

Above: BGC Construction completes multi-purpose building in Bunbury.

## BGC Construction - Victoria Square brings new life to Bunbury CBD

**Located in the heart of Bunbury’s CBD, BGC Construction’s latest mixed-use project, Victoria Square, is proving popular with occupants and the community.**

Completed in March this year after 48 weeks of construction, Victoria Square is an eye-catching addition to the Bunbury CBD streetscape, featuring a bold colour palette and modern metal joinery.

Beneath its striking appearance, the hidden structural steel frame which accommodates the precast concrete panel façade is indicative of the efficient and high-quality construction of the Square.

A mixed-use project located on the corner of Victoria Street and Clifton Street, the building’s design includes a cohesive synergy between its commercial, retail and residential elements.

Victoria Square’s ground floor comprises commercial, restaurant and retail spaces providing amenity to the building’s residents and the surrounding community, while the first and second floors offer commercial office space with secure parking and service access provided from Clifton Street.

The top floor of the development is home to two penthouse apartments.

BGC Construction Regional Manager Ross Marshall said Victoria Square was designed to cater for the individual requirements of its mixed-use tenants for the long term.

“The building has been constructed with simple, practical and low-maintenance finishing techniques, ensuring

durability and longevity,” Ross said.

BGC Precast also contributed to the construction of Victoria Square, collaborating with BGC Construction to manufacture precast concrete panels, hollowcore concrete floor planks and precast concrete stairs. GTEK plasterboard – another BGC product – was used throughout the development.

Other materials and finishes featured in the building include off-form concrete, exposed aggregate concrete, aluminium joinery, ceramic flooring, concrete and plasterboard partition walls, stainless steel metalwork, painted fibre cement panelling, stainless steel finished elevators and featured brickwork façades.



## BGC Construction MBA Awards

Above: St Ives team – BGC Construction employees Keith Joselyn, John Irvine, Andrew Nicholson (middle), Eric Gore and Ray Curran.

Right: Butler team – Ray Curran, Damien Catalano and Daragh Newman.



### BGC Construction wins again at Master Builders WA Awards

**BGC Construction was well represented at the 2018 Master Builders Western Australia: Excellence in Construction Awards, taking out the Best Seniors/Aged Persons Multi-Unit Development and Best Retail Building award categories of the night. This follows the three awards won at the 2017 Excellence in Construction awards, recognising the continued success of BGC Construction in the industry.**

BGC Construction's Busselton Civic Centre was also a finalist for the 2018 Best Regional Project: South West category.

The awards, held on July 21, showcased the best of Western Australia's construction projects in the residential, commercial, resource and industrial sectors.

Recognising excellence in workmanship and construction, they are considered the most prestigious accolade for the industry in WA.

St Ives Carine won the Best Seniors/Aged Persons Multi-Unit Development award for its resort-style retirement living development. The \$40 million project includes 63 contemporary apartments, all with two bedrooms and two bathrooms and most with a study or third bedroom. The apartments include basement car parking, an entry plaza, restaurant, café, clubhouse, bar, library and a separate health pavilion.

Butler Shopping Centre took out the Best Retail Building award. The centre is the newest addition to the ongoing expansion of Woolworths Limited and is host to a 3,800 square metre

Woolworths supermarket, detached 200 square metre BWS liquor store, a standalone Dan Murphy's liquor store, 30 speciality tenancies, an enclosed mall, town square, playground, on ground car parking and preparation of five site pads. Valued at \$27 million, the development provides a quality retail presence north of the Perth CBD.

Busselton Civic Centre was a finalist for 2018 Best Regional Project: South West. Worth \$23.3 million, the modern facility offers a mix of administrative and civic capabilities, containing a spacious foyer, coffee shop, council chambers, and multiple office and meeting spaces.



## 24-storey PBSA in Perth CBD

### BGC collaboration delivers results

BGC Precast is lending its support to the construction of a 24-storey Purpose Built Student Accommodation (PBSA) building on Stirling Street in Perth.

After being awarded the contract by BGC Construction to supply all the hollowcore floor planks and precast wall panels for the project in May last year, BGC Precast recently celebrated the delivery of the last precast elements.

Interdivisional teamwork has been particularly strong throughout the project, with BGC Construction, BGC Precast, BGC Cement and BGC Concrete all playing crucial roles in the development of the PBSA. Gtek provided all the plasterboard.

Early collaboration between divisions facilitated an innovative approach to the design, including delivering the wall panels cast with integral support corbels for the hollowcore panels, to facilitate and expedite site erection.

This approach has attracted great interest from the construction industry, as spanning the hollowcore panels from outside wall to outside wall, has eliminated the need for additional support beams or columns during construction.

Early in the construction of the project, the use of hollowcore brought challenges, including plumbing access and the logistics of attaching crane bracing to the panels, both of which were promptly resolved at the design stage as a result of effective collaboration.

Phil Surridge, Business Development Manager at Precast, said the exceptional teamwork between BGC Precast, the design team and BGC Construction resulted in the successful completion of the contract.

"The connections from the hollowcore to the wall panels were workshopped by us with a focus on ease of constructability," he said.

"We decided early on that a showcase structure with an easy and fast build resulting in a happy client, in this case BGC Construction, was a good long-term goal for BGC as a whole."

"We had many meetings with the design team and BGC Construction refining this process. We are very proud of how the building has gone up and the satisfaction expressed by our partners at BGC Construction has been most rewarding, completely vindicating our design philosophy".

Completion is expected mid-December 2018.



## Precast



## LEADERS IN FOCUS

Vince Scarvaci – General Manager, Brikmakers

This December marks the 10th anniversary of Brikmakers Clay Brick division commissioning the first of three brick kilns. During that time, Brikmakers has supplied bricks for about 85,000 WA homes and become WA's leading supplier of clay bricks.

The strong backing from companies within the BGC Group, especially in the early years as we sought to gain market acceptance, provided a platform from which we built a reputation as an industry leader in quality, service and innovation. Today, more than 70 per cent of our sales are to external customers.

This journey has not been without its challenges and the current downturn in the housing industry illustrates our exposure to the industry's cycles.

We now face challenges from light weight substitute materials marketed as a cost-effective means to build houses cheaper and faster. However, we are committed to the quality of double clay brick construction, which delivers a superior home.

As a result, we are meeting the challenge from brick substitutes head-on through further product innovation, including the development of a range of products to simplify installation on site and reduce site waste.

We are also capitalising on the aesthetic appeal and versatility of clay face bricks with innovative products such as the bricks of unique colour and shape developed for the Yanchep Secondary College, and the special blend of purpose made dark glazed two-course face bricks, developed for

Rapids Landing Primary School in Margaret River.

Our masonry paving division, Blok pave, continues to make a significant contribution to our operations and is the preferred product for outdoor pavements for most new homes in Perth.

The Blok pave range has been enhanced through value-added honed products, rustic pavers and the Geo collection featuring vibrant exposed natural stone aggregates.

With the residential market poised to recover in the next 12 months, we believe product innovation at Clay Brick and Blok pave, and our excellent sales team, will ensure Brikmakers continues to be a market leader.

Rapids Landing Primary School in Margaret River.



Brikmakers developed face bricks with unique colour and shape for the Yanchep Secondary College.



## Artist in residence at Brikmakers

Above: Local ceramic artist Warrick Palmateer working with Brikmakers. Photograph by Acorn Photo.

### Artist in residence at Brikmakers

For local ceramic artist Warrick Palmateer, Brikmakers was a rich source of materials and inspiration for his new body of work.

Brikmakers assisted Warrick in transforming his vision of creating large ceramic art pieces using locally-sourced clay into a reality, in a way that was as authentic to the brick-making process as possible.

Warrick drew inspiration from the textures and tones of the Western Australian coastline to create 12 large clay vessels using Brikmakers' cream brick mix and clay firing kilns.

Brikmakers General Manager Vince Scarvaci said the team thoroughly enjoyed seeing the artistic process unfold around them.

"We loved the creative inspiration behind Warrick's concept, and the fact that the project allowed us to

showcase our clays and our plant," he said.

"It's amazing to note that the same clay and kilns used to manufacture bricks for many home builders in WA have also been used to make these wonderful pieces of art."

Warrick worked closely with Brikmakers Raw Materials Manager Nathan Blackwell to explore clay options and processes before settling on Brikmakers' standard cream brick body, which is comprised of locally-sourced clays. He also closely collaborated with Kiln Manager, Ryan Jensen on the logistics of loading and firing the large vessels, alongside the Brikmakers range of products.

Warrick said working with Brikmakers and exploring the various brick-making processes with Nathan and Ryan had provided inspiration for new creative avenues.

"Brikmakers has given me a life-changing experience, supporting me to make this exhibition possible, and all of the staff here have been incredibly helpful and encouraging," Warrick said.

"I have been blown away by the technical processes of brick-making, and the science involved has opened new opportunities and ideas. It's a catalyst for new work."

**Warrick's exhibition titled "Confluence" is on display from 28 September – 2 December 2018 at the John Curtin Gallery.**



## BGC Transport wins \$9 million contract

Above: One of BGC Transport's top-of-the-range prime movers

### BGC Transport wins major contract with Simcoa Operations

**BGC Transport is investing in top-of-the-range prime movers off the back of the \$9 million contract awarded to BGC Transport recently by Simcoa Operations Pty Ltd.**

The three-year contract, which commenced in July, is for the transport of quartz from the Cairn Hill mine site to the Kemerton Smelter near Bunbury.

BGC Transport were previously contracted to transport 40,000 tonnes of quartz per year, and the new contract will see that figure rise to 120,000 tonnes, after BGC Transport successfully tendered for the increased scope of work.

"The win will provide additional consistent work over the next three years for BGC's Transport division," said BGC Transport General Manager Geoff Conway.

"The contract win is a recognition of years of experience in the sector and is demonstrative of our history of exceeding the expectations of our clients."

To successfully deliver on this increased scope of work, two new Mercedes Prime Movers and two new sets of trailers have been purchased to compliment the two existing Kenworth Prime Mover Combinations already allocated to this contract.

In total, four BGC Transport trucks will make the eleven-hour round trip 5,538 times over the course of the three-year contract, converting to almost four million kilometres.

### BGC Group contact information:

BGC is a diversified construction, mining, contracting and manufacturing organisation, offering economies of scale, depth of knowledge and robust financial backing across its business divisions.

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