



LIGHTWEIGHT STRUCTURES



Double Your Playing Time
with the Bowling Green Cover Specialists

MESSAGE: From the Designer

“When dealing with Lightweight Structures, you’re dealing with me, the Principal, at every stage”

Hi, I'm Trevor Scott.

I'm the chief design engineer at Lightweight Structures and as 13 other Australian bowls clubs will attest, my award-winning copyright designs provide virtually complete protection from all wind & rain and even from early morning & late afternoon sun. All this, while doubling your playing time, reducing maintenance costs & potentially increasing turnover & property values.



Trevor Scott

Deal with me, the boss, at every stage

What's more, when dealing with Lightweight Structures, you're not dealing with a salesman — you're dealing with me, the Principal. With my vast experience, I can quickly and knowledgeably answer any questions and be held accountable to my word.

Dedicated to Light Weight Structures

I've dedicated my professional life to the engineering & fabrication of light weight structures ... fabric tensile structures is my speciality, my core scope of work. In other words, designing lightweight tensile fabric structures is much more than a job for me. It's been my passion since 1992. I love the technology, the creative process & the engineering.

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MESSAGE: From the Designer

“We will provide a fully customised design to suit your club’s specific requirements”

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Everything under one roof

Conveniently for your club Lightweight Structures provides full design, engineering (inclusive of fabric patterning) & project management & installation. What this means to you is we will provide a fully customised design to suit your club’s specific requirements regarding location, adjoining club buildings, restricted access & water runoff. Guaranteed fixed price contract.

European Training

With a Masters qualification in Engineering Lightweight Structures issued through the University of Vienna I’ve been exposed to architects and engineers that have worked through the evolution of the Tensile Membrane form from pen and paper beginnings to the technology-driven 21st Century. I’ve studied with Frei Otto disciples, Horst Durr, Jurgen Hennieke, Vinzenz Sedlak, Rainer Blum and Robert Wehdron-Roithmayr.

Award Winning Designs

My abilities are reflected in my portfolio of award winning structures including the Wide Span Fabric Structure, Queensland. For this I developed a wishbone steel support configuration to create a unique ridge and valley roof profile, spanning two greens at the Mooloolaba Bowls Club.

— Sincerely, Trevor Scott

Masters Engineering Lightweight Structures



Ethan Higgins
Victorian U18
Singles Champion,
Sunbury Bowls Club.



CASE STUDY: Morwell, Victoria

“Having protection from the elements has definitely stabilised our business”

"Our current shade structure was installed four years ago, and was the first of its type in Victoria. Our Operations Manager was holidaying at Mooloolaba & saw the development, and could see how such structures could potentially improve our facility and business.

"As a result of having a Sun Smart shade over our green, we have developed a very strong schools program, and have twice been the recipient of the Community Club Victoria Youth Development Award.

"Having protection from the elements has definitely stabilised our business, because we can now make bookings with confidence, knowing that events will go ahead irrespective of the weather.

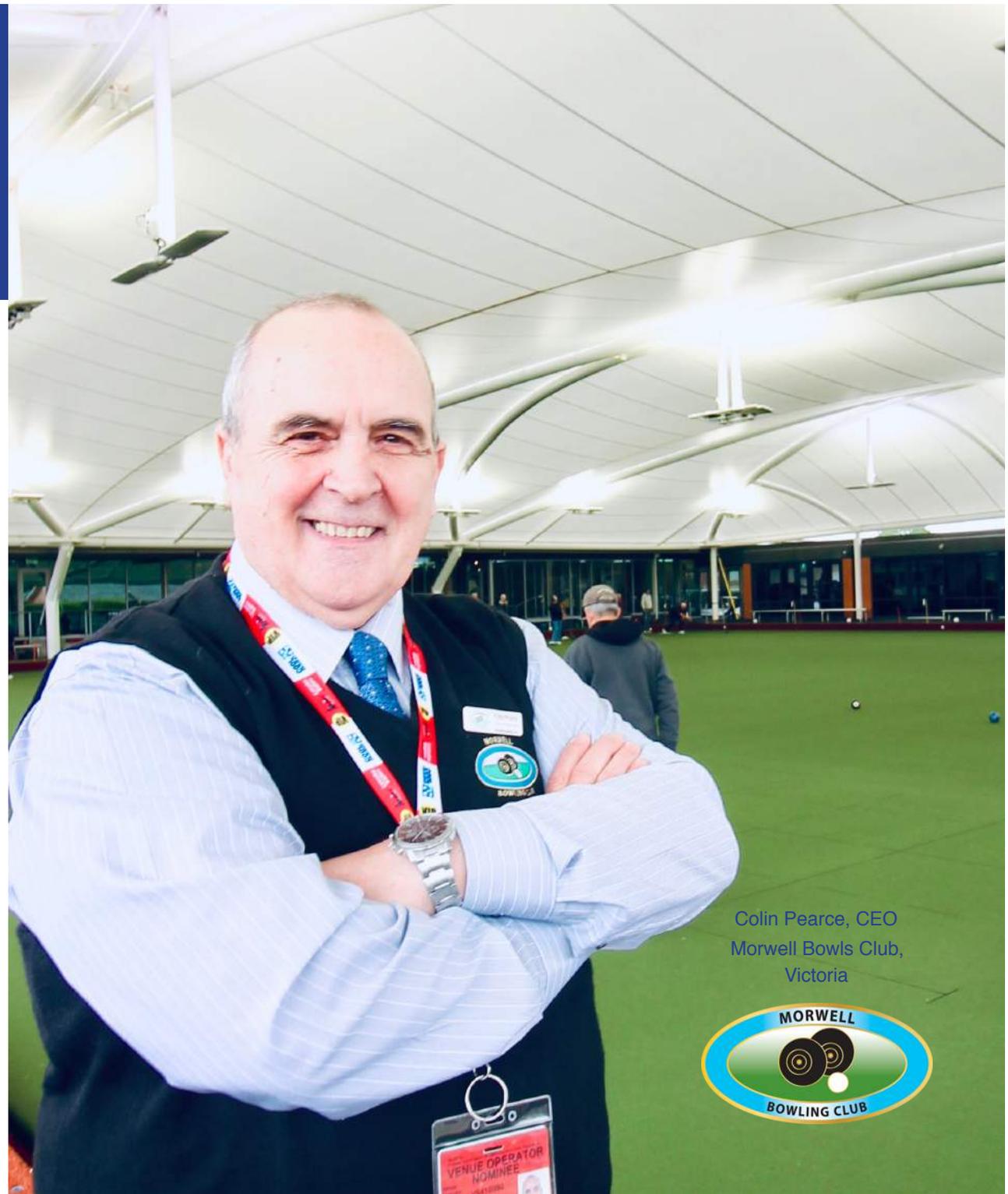
"The structure is a real talking point, and when it is lit up at night, it is quite spectacular.

"We are currently in the process of planning a second shade structure with Trevor, and from my perspective, it has been a fantastic experience.

"Trevor has basically taken care of everything, right down to the planning permit. He knows what he is doing and is familiar with all of the processes around building a structure like this.

"It takes a great deal of stress away from me, knowing that someone so experienced is handling it".

— Colin Pearce, *pictured*,
CEO, Morwell Bowls Club, Victoria



Colin Pearce, CEO
Morwell Bowls Club,
Victoria



CASE STUDY: Dandenong, Victoria

“Now we can just keep playing through Winter and there's activity here every week”

Interview with Dandenong Bowls Club General Manager Ross Dunlop & President Charlie Daly.

It's raining and windy at Dandenong Bowls Club. But that hasn't stop dozens of players hitting the greens for Wednesday bowls.

"Normally we'd be shut down now," said Club President Charlie Daly. "Whereas now, in winter we can get everyone playing on it every day. We most certainly couldn't have bowled today, because it's raining.

"We get great protection from the westerly the way it's designed. At night when you turn the lights on it's very impressive. There are no shadows."

General Manager Ross Dunlop said the Club chose Lightweight Structures because of Trevor Scott's expertise and his hands-on, professional approach.

"That was one of the over-riding reasons we decided to go with him. Because he was on-site and had that personal touch.

"He was here while all the work was happening — and the restructure actually finished about a week before the target date, so you've got to be happy with that. It was really good to watch it go up. It was like a Meccano Set on a very big scale."

"Normally by June 30, with the two old grass greens they'd all be shut and it'd be 'see you all back in September'. Now we can just keep playing through Winter and there's activity here every week. And the bowlers love it of course," said Ross.



Dandenong Bowls Club
General Manager Ross
Dunlop & President
Charlie Daly.



CASE STUDY: Sebastopol, Victoria

“The membership of our club has increased ... our members absolutely love it”

“Given our location, cold & wet weather is a factor that has negatively impacted the use of our bowling facility in the past. For this reason, in 2015 we made the decision to have a shade structure installed over the green, & to upgrade the green from a sand filled synthetic to a carpet weave synthetic.

“The selection of suppliers was a decision that was made after a great deal of due diligence, because we wanted to increase the potential to use the bowling green & create an environment that was more comfortable for our members, whilst retaining the atmosphere of an outdoor facility.

“We engaged Light Weight Structures to design & install the shade structure, & it has proven to be a very positive addition to our facility. From the outset, Trevor told us how the process would work, & that is just how it turned out to be.

“Trevor was extremely hands on, & was accessible & on site throughout the construction. Throughout the installation, there were a couple of hiccups, which Trevor immediately attended to & resolved to a degree that we are very happy with.

“The membership of our club has increased now that we are able to bowl all year round & our members absolutely love it. Participation & social engagement are all in the plus.”

— Rodney Beckwith, General Manager,
Sebastopol Bowling Club.



Rodney Beckwith,
General Manager,
Sebastopol Bowling Club.

CASE STUDY: Northern Suburbs, Brisbane

“Trevor was on site throughout the construction. I appreciated having a single point of contact”

“Because of our typically hot & wet summers, we found that during the warmer months our numbers were dropping off dramatically. That, coupled with an ageing member base, led to our decision to add a shade structure & lighting over our bowling green. We wanted to attract a new clientele & maximise our facilities to create a more community centred club.

“I have formerly worked as the General Manager of Operations at Brisbane Airport, & have a background in engineering, & I can comfortably say that working with Trevor Scott of Lightweight Structures was one of the best experiences of its kind that I have had.

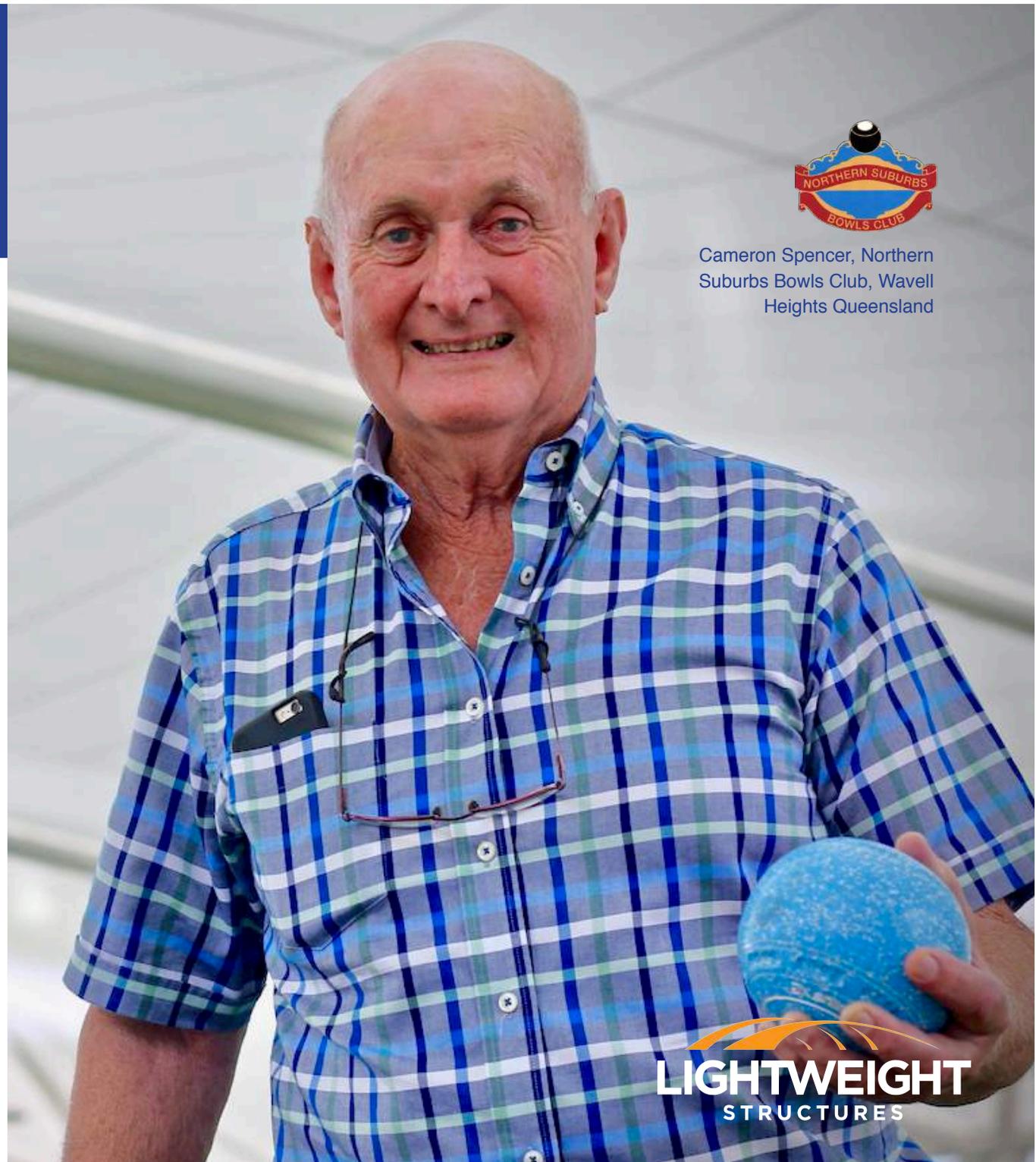
“From the conception of the design to the delivery, Trevor was extremely impressive. He was on site & hands on throughout the entire process. I particularly appreciated having a single point of contact. The design itself is magic & looks incredible at night when the lights are turned on. We actually have people going out of their way to come & look at it.

“Trevor & his team worked overtime to make life easier for us, & it was a turnkey operation. Now, we are attracting a whole new clientele, from itinerant bowlers to bare foot bowlers, & even high school students. Now our patrons can play in all weather conditions, seasons & times of day.”

— Cameron Spencer, Northern Suburbs Bowls Club, Wavell Heights Queensland



Cameron Spencer, Northern Suburbs Bowls Club, Wavell Heights Queensland



CASE STUDY: Warrnambool, Victoria

“We can now bowl all year round for extended hours every day”

“Warrnambool is known as "Windy Warrnambool", & our windy weather impacts on both the opportunity & quality of the bowling.

“In addition, lawn bowls has traditionally been an older person's sport and we were looking for opportunities to expand our membership to a broader base of players.

“To minimise the impact of weather & maximise the use of our facility, our club spent around 18 months planning to have a protective structure built over it.

“Trevor Scott of Lightweight Structures was one of a number of contractors we collaborated with over that time to develop the complex, & I could not speak more highly of him.”

“Our interactions with him have been nothing but positive, right from the start.

“Trevor responded to each & every query & issue in a timely & professional way. This was imperative to keeping the entire project moving on time & budget.

“The shade structure & walls means that we can now bowl all year round, & for extended hours each day.

“Younger players tend to want to access the greens between 6pm & 10pm, & now we can also offer a more social atmosphere with food & drink as well.

“Trevor Scott has been one of the easiest men to work with & his input has been wonderful for our club.”

— Ray Cooknell, City Memorial Bowls Club,
Warrnambool, Victoria.



Construction under way at
City Memorial Bowls Club in
“windy” Warrnambool
Victoria.



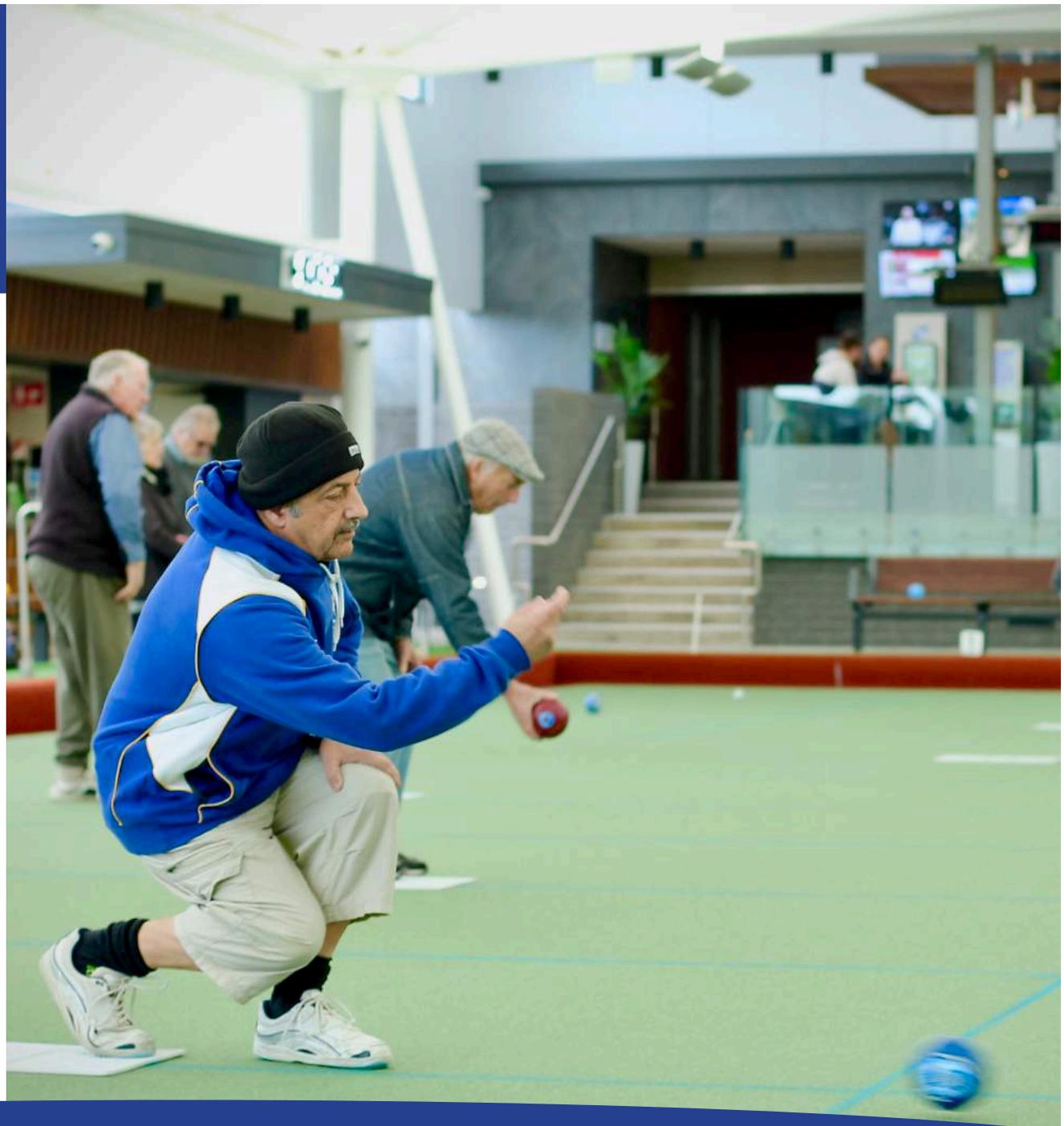

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EXPERIENCE IS EVERYTHING:

Experience spanning 14 projects
across four states & territories
... and counting

Projects Completed 2011 to June 2019

1. **Mooloolaba Bowls Club** (Qld) completed Nov 2011.
2. **East Cessnock Bowling Club** (NSW) completed Sep 2012.
3. **Manly Bowls Club Inc** (Qld) completed Dec 2013.
4. **Morwell Bowling Club** (Vic) completed Nov 2014.
5. **Sebastopol Bowling Club** (Vic) completed July 2015.
6. **Darwin Bowls & Social Club** (NT) completed May 2016.
7. **Deer Park Club** (Vic) completed September 2016.
8. **Manly Bowls Club Inc** (Qld) completed Sept 2017.
9. **Dandenong Club** (Vic) completed August 2018.
10. **Sunbury Bowling Club** (Vic) completed Sept 2018.
11. **Western Suburbs Bowls Club** (Qld) completed Nov 2018.
12. **Northern Suburbs Bowls Club** (Qld) completed Jan 2019.
13. **Aspley Memorial Bowls Club** (Qld), single green under construction June 2019.
14. **City Memorial Bowls Club**, Warrnambool (Vic), under construction June 2019.



KEY FEATURES:

Your club will love these Lightweight Structures' Key Features



LED uplights illuminate the canopy & reflect back to the green for shadow-free night-time bowling

Minimalistic lines provide improved functionality & elegant aesthetics

Design significantly reduces cleaning & maintenance costs. Unlike trussed steel our clean lines deter birds, bugs & spiders

Self-cleaning fabric washes itself when it rains

Maximum light, minimum sun damage ... UV protection even during the hottest summer days

Fabric & design strong enough to withstand cyclonic conditions

Customise your design to compliment existing structures & your particular climate

Combining a synthetic surface with a fabric roof will save your club tens of thousands of dollars running costs per year

Night-time light encapsulated under canopy. No light spillage

Full low perimeter frame offers maximum protection from sun, wind & rain

The real beauty lies in the ambient internal environment of the structure – a perfectly relaxing atmosphere

The only design that can span two greens without central support columns

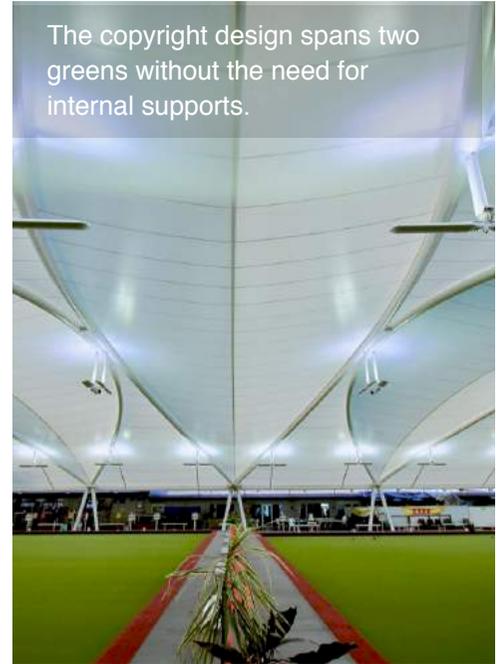
Players will love bowling in any weather conditions, under the canopy

Fixed price contract – no variations. Project constructed on time, every time!

Guaranteed game scheduling – no cancellation due to poor weather conditions

Install over your existing synthetic surface without damage to the playing surface. Less cost & less disruption to your club

“From the conception of the design to the delivery, Trevor was extremely impressive”



The copyright design spans two greens without the need for internal supports.



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Need plans & figures to present to council?
For a Preliminary Quote & Proposal
Call Trevor on 07 5478 0590

p: 07-5478-0590.
e: Trevor@LTWSAS.com.au
w: LightweightStructures.com.au

The Best Bowling Green Covers Under the Sun!


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STRUCTURES
LightweightStructures.com.au



Dandenong bowlers love playing under the protection of their Lightweight Structures roof.

YOUR NEXT STEP?

Need Plans & Figures to Present to Council?

For a Preliminary Quote & Proposal ...

Call Trevor on 07 5478 0590 or email info@LTWSAS.com.au