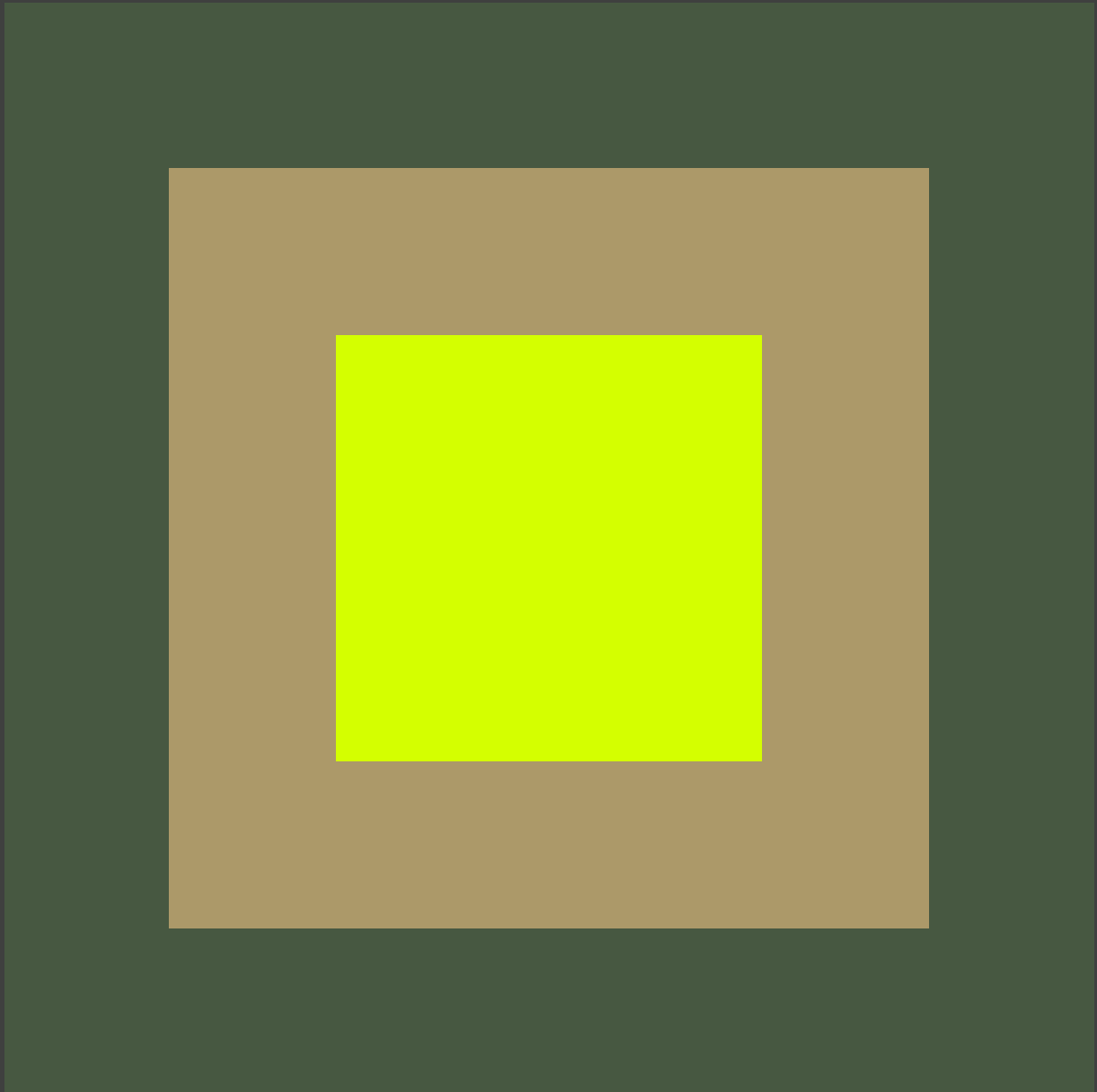


Capability Statement



SQ1



People¹: Our work spans continents, climates and cultures activating commercial, residential, educational, infrastructure and cultural precincts. We regenerate spaces into resilient living environments where people flourish.

Place²: Nature answers our needs for inclusive, playful and restful spaces. It is amplified through experiences of colour, scent, sound, touch, movement and light. We transform places to enhance social interaction, environmental management, cultural engagement and economic opportunities.

Planet³: By understanding and working with natural systems to regenerate landscapes we create healthier environments and a resilient future, making a positive difference to our planet.

1. Play: We incorporate playfulness as an integral part of all our landscapes to welcome all age groups and abilities, encouraging exploration, discovery and fun. Outdoor learning areas and play spaces in teaching facilities also improve educational outcomes.

Cultural Heritage and Engagement: Celebrating local heritage unlocks site specific opportunities that contribute to a unique sense of place attracting further engagement. We bring a commitment and passion for caring for Country and acknowledgement, consultation and partnership with the peoples on whose lands we work.

2. Multifunctional Design: Going beyond mono-functionality opens up enormous opportunities to add value for stakeholders. Diversifying functionality in our designs creates a seamless integration between infrastructure, architecture, and landscape for maximum social, environmental and financial return. Simple solutions maximise the appeal of places. does this explain it ok?

Greening Architecture: We take every opportunity to increase green facades, green rooftops, green balconies into every landscape, from city square to school to reduce heat stress and improve sustainability. needs a bit more

Materiality: Our material selection is based on sustainable principles. Reuse, recycling, low carbon, durability, longevity.

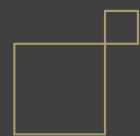
3. Natural Water Systems: Natural water systems are the central design element we use to structure spaces, reduce stormwater, conserve water, enable reuse, support planting schemes and enliven spaces. And manage water events from droughts to floods.

Horticulture: We work with local and native species and urban ecologies to activate sites with seasonal colour, scent and shape. Working with nature brings life and activity to degraded sites.

We work in commercial & retail¹, infrastructure, public parks, residential², mixed-use³, health⁴, education⁵, tourism⁶, agriculture⁷, heritage⁸ and produce visual & cultural assessments.

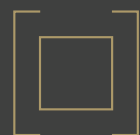


Design Process



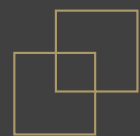
Understanding the brief

We listen and inquire. We deliver a multidisciplinary understanding of our clients' vision and requirements with expertise in landscape architecture, urban design, horticulture and environmental management.



Understanding the context

We start with rigorous analysis and interpretation of context – we immerse ourselves in the site and the community. Understanding how the site forms part of broader systems, we undertake terrain, cultural and socio-economic systems and urban design systems analysis.



Collaborating

We are collaborative in everything that we do, working with clients, experts, consultants and stakeholders to draw out the best outcomes for our projects. Working closely together from the project outset. Our office environment sparks creativity and encourages innovation.



Experimenting

We are dedicated to the creative process to find exciting new solutions for project challenges – focused sessions of drawing and model-making are essential to iron out site complexities and find new opportunities.



Meticulous documentation & cost control

We remain at the forefront of technology and embrace BIM and rendering platforms as tools for better communication and delivery.

Projects
completed

304

Continents

3

Years active as
a studio

12

Staff
members

13

Awards

20



Select Awards

2022
President's Award;
Award of Excellence
Institute For Landscape Architecture
In South Africa:
Bosjes Wine Estate, South Africa

Honourable Mention
International Architecture Awards:
Melbourne Future Parks, Australia

Award of Excellence
International Federation Of Landscape
Architects AAPME:
Bosjes Wine Estate, South Africa

Double Gold Award of Excellence
South African Landscapers Institute:
St. Joseph's Home For Critically Ill Children
& School, South Africa

Silver Award of Excellence
South African Landscapers Institute:
Bosjes Wine Estate, South Africa

Worldwide Award Prix Versailles:
Bosjes Wine Estate, South Africa

Jury Prize;
Popular Choice Award
Architizer A+ Awards:
Bosjes Wine Estate, South Africa

2021
Best Project Award
Archilovers:
Bosjes Wine Estate, South Africa

Hospitality Design Award
LIV:
Bosjes Wine Estate, South Africa

2020
Award of Excellence
International Federation Of Landscape
Architects AAPME:
Botha's Halte Primary School, South Africa

Shortlisted
Landezine International Landscape Awards:
Botha's Halte Primary School, South Africa

2018
Innovative Excellence Award
SAPOA:
Clifton Terraces, South Africa

2017
Award of Excellence
Institute For Landscape Architecture
In South Africa:
Merriman Square, South Africa

Award of Excellence
Institute For Landscape Architecture
In South Africa:
Northgate Island, South Africa

Environmental Sensitivity Award
Institute For Landscape Architecture
In South Africa:
Merriman Square, South Africa

Gold Award of Excellence
South African Landscapers Institute:
Merriman Square, South Africa

2014
Gold Award of Excellence
South African Landscapers Institute:
Somerset Lakes, South Africa

Official Project World Design Capital:
Trafalgar Park, South Africa

Our Team

Our multinational team have diverse qualifications, expertise, backgrounds and skills which drives our interdisciplinary approach. This is optimised through our early and continued collaboration with our clients, consultants, and contractors. This alliance is essential in creating a shared vision for culturally rich and abundant cities that are part of nature.



Mark Saint Pöl
Director



Werner Venter
Associate Landscape Architect



Jacob Holman
Senior Designer



Julia Molachlan
Lead Designer



Luke Coughlan
Senior Landscape Architect



Amy Feng
Practice Manager & Landscape Architect



Lisa Marais
Junior Landscape Architect



Nelia Van Der Wat
Junior Landscape Architect



Siphiwe Mabaso
Graduate Architect



Yuye Zheng
Graduate Landscape Architect



Luca Ciliani
Landscape Architect

CONSULTANTS



Pieter Janse van Rensburg
Graphic Designer



Jane Silversmith
Communications

Our Services include:

Master Plans: Metropolitan open space systems, housing estates, wine farms, school campuses, nature reserves, river belts, play spaces, public parks and waterfronts.

Landscape Plans: Planting, hard landscaping, lighting, street furniture, streetscapes, urban squares and public plazas, garden spaces, public parks, play areas, sports fields, wayfinding.

Construction Drawings: Grading plans, irrigation plans, civil engineering and architecture, landscape structures and urban furniture.

Project Management: Through strategic planning and careful detailing, we are able to achieve the highest quality in workmanship while ensuring that our projects remain on schedule and within budget.

Planning and Approvals: Environmental Impact Assessments, Environmental Management Plans, Visual Impact Assessments, Site Development Plans, Landscape Heritage Plans and Reports, Conservation Management Plans.

Stakeholder engagement processes including workshop facilitation, design charrettes and community engagement.

Green Infrastructure: Storm-water management systems, water sensitive urban design, roof gardens, green facades.





Mark Saint Pöl

Director
RLA #16190

EDUCATION

Master of Landscape Architecture UCT
National Diploma in Horticulture DIT
Bachelor of Environmental Management
CPUT

CV

2010 - PRESENT:

Square One Landscape Architects,
Australia and South Africa (Founder and
Director)

2008 - 2015:

UCT School of Architecture, South
Africa
(Lecturer Part-time)

2007 - 2009:

OvP Associates Landscape Architects,
South Africa (Landscape Architect)

2004 - 2006:

Urbanscapes Landscape Architects,
South Africa (Landscape Architectural
Technologist)

2000-2002:

Wyevale, UK (Horticulturist/Buyer)

1998 - 2000:

The Frenchams Group, Australia
(Horticulturist)

Mark works closely with clients and stakeholders to unlock the benefits of nature-based solutions in urban place-making for the enrichment of communities and the future-proofing of our cities.

Mark has over 25 years experience delivering projects across Australasia and Africa. His imaginative, innovative and efficient designs forge successful outcomes and generate highly liveable communities. He believes that resilient cities thrive when urban and infrastructure projects are spatially designed to work with natural systems, particularly water management, across all scales. He is passionate about restoring native ecosystems.

From schools to parks, from eco-tourism to commercial precincts, his experience includes masterplanning, detail design, public facilitation and project management. His work has been recognised with awards from IFLA, ILASA and International Architecture Awards. He also drives environmentally and culturally responsive innovation through speaking, teaching and jury service. Mark contributes to international journals, has taught at UNSW and UTS in Sydney and UCT and UP in South Africa, is an external examiner at UTS and UNSW and juror for the IFLA and the AILA.

KEY PROJECTS

MIXED USE

Current: M_Park; Sydney, Australia; \$500m; Stockland

Current: The Sanctuary; Sydney, Australia; Old Dover Pty Ltd

2020: Somerset Lakes; Cape Town, South Africa; \$131m, Omnicron

2017: Merriman Square; Cape Town, South Africa; \$30m; Redefine Properties / City of Cape Town

2015: The Skycatcher; Cape Town, South Africa; \$3m; Aria Property Group

EDUCATIONAL

Current: Blessed Carlo Acutis Catholic College; Moama, NSW, Australia; \$32m;
Catholic Diocese of Wilcannia-Forbes

2021: St Joseph's Home; Cape Town, South Africa; \$0.2m; St Joseph's Home

2020: Botha's Halte Primary School; Cape Town, South Africa; \$8m; Bosjes Estate

2014: Rustenburg Girls High School Mathematics & Physical Sciences Centre

Cape Town, South Africa; School Governing Body

HOSPITALITY

2021: Bosjes Wine Estate; Worcester, South Africa; \$13m; Bosjes Estate

2013: Cavalli Estate; Stellenbosch, South Africa; Jerome Smith

2010: Cape Town Stadium FIFA World Cup 2010; Cape Town, South Africa; \$387m;

FIFA / City of Cape Town

2010: One & Only Hotel and Spa; Cape Town, South Africa; \$48m;

Kerzner International

PUBLIC SPACE

2017: Mfuleni Urban Park; Cape Town, South Africa; \$2.2m; City of Cape Town

2017: Lilongwe Urban River Rehabilitation Project; Lilongwe, Malawi; ICLEI - Local Governments for Sustainability

2014: Trafalgar Park, Cape Town, South Africa; Official Project of the World Design Capital:

Cape Town

2010: FW de Klerk Boulevard and Settlers Way Highways; Cape Town, South Africa; \$0.3m;

The South African National Roads Agency SOC Ltd

2010: Cape Town Stadium & Green Point Park; Cape Town, South Africa; \$387m, FIFA / City of

Cape Town

RESIDENTIAL

Current: Minto / Bow Bowling Precinct Masterplan; Sydney, NSW, Australia; \$235m; Campbelltown
City Council

2020: Clarens Apartments; Cape Town, South Africa; KLùK CGDT

2017: Clifton Terraces; Cape Town, South Africa; Taupo Holdings



Werner Venter

Associate, Professional
Landscape Architect
PrLArch #20295

EDUCATION

Bachelor of Science (Landscape
Architecture) UP

CV

2020 - PRESENT:

Square One Landscape Architects
(Associate)

2013- 2016:

Insite Landscape Architects (Associate,
Professional Landscape Architect)

2008 - 2013:

Insite Landscape Architects (Junior
Landscape Architect)

Werner's attention to detail and project management skills mean that projects are realised and constructed with precision, design-craft, and technical consideration.

Werner has a technical approach towards design that allows working solutions to merge detail and aesthetic design with user experience and functionality. He has a strong design consideration for complex spatial, strategic, and technical projects and significant experience in water feature and street furniture design.

He has been involved in multiple international and local landscape projects across all scales. His attention to detail and project management skills mean that projects are realised and constructed with precision, design-craft, and technical consideration.

Werner is passionate about urban foraging and introducing edible plant species into our native urban environments.

KEY PROJECTS

MIXED USE

Current: M_Park; Sydney, NSW, Australia; \$500m; Stockland;

Current: The Sanctuary; Sydney, NSW, Australia; Old Dover Pty Ltd; Current

Current: Cape Town Temple; Cape Town, South Africa; \$2.7m; LDS Church

2022: Station House; Cape Town, South Africa; Berman Brothers; \$0.3m

2021*: Old Cape Quarter; Cape Town, South Africa; \$0.3m; Tower Property

2020*: Oxford Parks Johannesburg, South Africa; \$176m; Intaprop

2019*: Future Africa; Pretoria, South Africa; \$14m; University of Pretoria

2019*: Oracle Head Office; Johannesburg, South Africa; \$0.,2m; Zenprop

2017*: Table Bay Mall; Cape Town, South Africa; Zenprop; \$1.2m

2017*: Old Mutual Headquarters; Johannesburg, South Africa; \$1m; Old Mutual

2016*: Menlyn Maine Central Square; Pretoria, South Africa; \$158m; Menlyn Maine

2014*: Mall for the South; Johannesburg, South Africa; \$439b; Zenprop

2014*: West Hills Mall; Accra, Ghana; \$149b ; AttAfrica

2011*: Mall of Mauritius; Moka, Mauritius; \$0.5m; ENL Property and Atterbury

2011*: Voila Hotel; Moka, Mauritius; \$0.1m; ENL Property and Atterbury

EDUCATIONAL

Current: Blessed Carlo Acutis Catholic College; Moama, NSW, Australia; \$32m;

Catholic Diocese of Wilcannia-Forbes

2021: St Joseph's Home; Cape Town, South Africa; \$0.2m; St Joseph's Home

2018*: University of Mpumalanga; Mbombela, South Africa; \$14m; Department of Education

HOSPITALITY

2021: Bosjes Wine Estate; Worcester, South Africa; \$13m; Bosjes Estate

2013*: La Balise Marina; Moka, Mauritius; \$319m; ENL Property

PUBLIC SPACE

2011*: Bagatelle Precinct; Moka, Mauritius; \$0.9m; ENL Property and Atterbury

RESIDENTIAL

2014*: West Island Resort; Black River, Mauritius; ENL Property

*Insite Landscape Architects



Julia Molachlan
Lead Designer

PrLArch #153

EDUCATION

Master Landscape Architecture, UCT
Master of Urban Design UCT
PhD UCT current

CV

2017 – PRESENT:

Square One Landscape Architects
(Lead Designer)

2016 – 2017:

Louw and Dewar Cape Town,
South Africa (Consultant)

2015 – 2016:

Self-employed South Africa (Consultant)

2012 – 2015:

Square One Landscape Architects
South Africa (Landscape Architecture)

2002 – 2009:

Institute of Technical Education (ITE)
Singapore (Architectural Advisor)

1999 – 2002:

James Yip & Partners Singapore
(Architectural Consultant)

1995 – 1999:

Design Environment Group, Architects
Singapore (Architectural Consultant)

Julia constantly challenges design thinking through sketch iterations which leads to projects becoming refined and crafted spaces.

As lead designer Julia’s focus is the integration of architecture into the landscape and specialising in various aspects of water sensitive design.

Her focus is respecting and designing with the natural systems of each site – soils, topography, water, climate, flora, fauna, etc – and shaping and activating spaces that respond to nature and human needs. She designs natural water systems as active urban spaces, a valuable resource, rather than treating water, such as surface water run-off, as disposable waste.

She previously worked as an architect in Singapore for 15 years on high density urban living environments and heritage conservation work.

Her sketches and spatial thinking bring Square One’s designs to life while allowing clients to visualise their project visions. She constantly challenges design thinking through sketch iterations which leads to projects becoming refined and crafted spaces.

KEY PROJECTS

MIXED USE

Current: M_Park; Sydney, Australia; \$500m; Stockland
Current: The Sanctuary; Sydney, Australia; Old Dover Pty Ltd
2020: Somerset Lakes; Cape Town, South Africa; \$131m, Omnicron
2017: Merriman Square; Cape Town, South Africa; \$30m; Redefine Properties / City of Cape Town
2015: The Skycatcher; Cape Town, South Africa; \$3m; Aria Property Group

EDUCATIONAL

Current: Blessed Carlo Acutis Catholic College; Moama, NSW, Australia; \$32m;
Catholic Diocese of Wilcannia-Forbes
2021: St Joseph’s Home; Cape Town, South Africa; \$0.2m; St Joseph’s Home
2020: Botha’s Halte Primary School; Cape Town, South Africa; \$8m; Bosjes Estate
2009*: ITE College West Regional Campus Singapore; \$333m; Government of Singapore; ITE
2005*: College East Regional Campus Singapore; \$205m; Government of Singapore

HOSPITALITY

2021: Bosjes Wine Estate; Worcester, South Africa; \$13m; Bosjes Estate

PUBLIC SPACE

Current: Stellenbosch Bridge; Stellenbosch; South Africa; \$5.2b; Stellenbosch Bridge
Current: Stellenbosch Rhenish Complex; Stellenbosch, South Africa; Rhenish Trust
2014: Trafalgar Park, Cape Town, South Africa; Official Project of the World Design Capital: Cape Town

RESIDENTIAL

Current: Minto / Bow Bowing Precinct Masterplan; Sydney, NSW, Australia; \$235m; Campbelltown City Council
2020: Clarens Apartments; Cape Town, South Africa; KLûK CGDT
2000*: Parc Haven Apartments; Singapore; Goodval Investments

*Freelance



Jacob Holman
Senior Designer

PrLArch #153

EDUCATION

Master of Architectural Studies,
Politecnico Milano.

CV

2022 – PRESENT:

Square One Landscape Architects
(Lead Designer)

2018 – 2022:

Turf Design Studio (Associate)

2017 – 2018:

Hansen-Architekten
(Architectural Designer)

2015 – 2016:

Wolff Architects (Graduate
Architectural Designer)

Jacob has a deep understanding of the built environment at regional, building and technical scales and a firm background in environmental, geographical and community design.

Jacob is a passionate, inter-disciplinary professional. His approach to design is both creative and scientifically founded. Although formally educated as an architect, his interests lie in projects that are deeply rooted to the environment and local climatic conditions. Jacob strives to create places that weave landscape and the built environment into one.

He has worked in architectural studios in Europe, Australia and South Africa and his technical proficiency, leadership abilities and communication skills make him a great asset.

His interests are primarily in social architecture, integrated infrastructural design, urban scheme development, environmental restoration and intricate detailing. Jacob has a deep understanding of the built environment at regional, building and technical scales and a firm background in environmental, geographical and community design.

KEY PROJECTS

MIXED USE

Current*: Burwood Place; Sydney, Australia; \$30m; Holdmark Property Group
Current*: Sydney Place; Mixed-use; Sydney, Australia; \$2.2b; Lendlease
Current*: NSW Rugby Union Centre of Excellence, Sydney, Australia; \$14m; NSW Rugby Union

EDUCATIONAL

2022*: UNSW Canberra City Campus Masterplan; Canberra, Australia; \$1b; UNSW

PUBLIC SPACE

Current: Aerotropolis City & Parklands Masterplan; Sydney, Australia; \$1b (NSW Government) & \$10b Private Investment; NSW Government
2021*: Museum Station Redevelopment; Sydney, Australia; Transport for NSW, Arenco

RESIDENTIAL

Current*: Coonara Forest Living; Sydney, Australia; \$600m, Mirvac
2021: Sanctuary Stage 1, Sydney, Australia; Sekisui House; *Property Council of Australia Innovation & Excellence Awards for Best Residential Development 2022**
Current*: Glebe Mid-rise; Sydney, Australia; NSW Government Land & Housing Corporation
Current*: Wee Hur Student Fillage; Sydney, Australia; \$50m; Wee Hur

*Turf Design Studio

Community Development

Square One strives to benefit local communities through all our projects by contributing positively to the public domain, incorporating inclusive and ecological design strategies. As an international practice, we have worked on expanded public works programs with local governments and developers to design projects that incorporate elements that can be designed and constructed by local builders, artisans and artists.

Square One prioritises the inclusion of local indigenous communities throughout the landscape design, procurement, implementation and maintenance stages. At Stockland’s M_Park development, we were involved in the initial First Nations engagement, working with the Dharug elders to achieve more sustainable and inclusive outcomes for the site and its buildings.

Our practice ethos centres on creating vibrant communities and challenges every detail of our projects to deliver on this commitment. We recognise that each project we work on contributes to the creation and development of the urban environment. We strive to respond sensitively to the needs of local communities and the existing urban context to develop spaces and places that have positive social, economic and environmental outcomes.

Square One believes that we have a responsibility to help those who lack the opportunities we’ve had. Our team partners with local and international organisations to improve the lives of those who need help.

We partner with ICLEI – Local Governments for Sustainability which is a global network of more than 2500 local and regional governments committed to sustainable urban development. We help to drive sustainability policy and local action for low emission, nature-based, equitable, resilient and circular development. Our initiatives help cities, towns and regions anticipate and respond to complex challenges, from rapid urbanization and climate change to ecosystem degradation and inequity.



Supply Chain

Square One endeavors to procure majority-owned Australian Aboriginal contractors in all of our projects. We actively engage with indigenous owned and operated plant nurseries and landscape contractors to promote indigenous involvement throughout all project stages.

WE ARE COMMITTED TO MAKING SURE THAT WE DO NOT ENGAGE WITH SUPPLIERS THAT BREACH MODERN SLAVERY LEGISLATION BY REGULARLY REVIEWING SUPPLY AGREEMENTS.

Square One is committed to holding its suppliers accountable to their commitment of eradicating Modern Slavery and will not knowingly engage suppliers that do not align with its position on enforcing basic human rights.

- All Square One supply contracts will include a clause pertaining to Modern Slavery requiring the Supplier to:
- Provide commitments to eradicating Modern Slavery within its own supply chains.
 - Warranting that it has not been convicted of a Modern Slavery offence.
 - Have completed its own due diligence on its supply chain.

- In addition, Square One will:
- Conduct risk assessments to determine which areas of its supply chain are most at risk of Modern Slavery offences and implement risk minimisation strategies.
 - Review supplier contracts in conjunction with the Acts and ensure terms in supplier contracts are consistent with and address the Acts’ requirements.
 - Perform due diligence on the supply chains of its suppliers.

Acknowledgement of Country

Square One Landscape Architects acknowledges the Traditional Custodians of the land and pays respect to Elders past, present and future.

We honour First Nations’ unique cultural and spiritual relationships to place, and their rich contribution to society.

We recognise their history and pay respect to their culture, connection to their lands, waterways, sky and surrounding clan groups.

Our recognition of these sovereign lands is expressed with deep reverence, connection and commitment to the protocols of old ways, as we tread gently in the footsteps of our ancestors to pave the way for a better future for all people.

To that end, our work seeks to uphold the idea that if we care for Country, it will care for us.



Client

Stockland

Location

Sydney, Australia

Status

Under Construction

Phase 1 Complete

Partners

Chrofi, 3XN, Northrop,
Urbanite, Fleetwood Urban,
Light, Floth, Ngurra Advisory

Cost/contract

\$500m

MIXED USE

M_Park

A Workplace in a Garden

M_Park brings a back garden to the workplace enhancing the office experience.

We were engaged by developer Stockland to design the plaza for a new commercial precinct in the Macquarie Park business zone in Sydney.

We dissolved the three building forecourts into a green courtyard, a sequence of distinctive green spaces that embrace wellness, community and respect for country. Places for people gathering include a large lawn, a scaled amphitheatre, outdoor meeting pods, a cafe spilling out on the park, workout spaces, and seating terraces. Stepped edges providing seating and wild play encourages kids to explore the creek, with mist and jets of water.

The knowledge of the local Dharug people is embedded in the design - from food and medicinal plants to inscribed storylines and audio elements.

Water is used as a functional and recreational element - a bubbling creek efficiently and beautifully manages stormwater distribution across the site. Greening softens infrastructure so that buildings appear to 'grow' out of the landscape. There are continuous pedestrianised surfaces, whilst natural materials create connection across structures, furniture and playground.



Client

Old Dover Pty Ltd, Impero
Constructions

Location

Sydney, Australia

Status

Under Construction

Partners

Sam Crawford Architects,
Ethos Urban, Curio
Projects and Weir Phillips,
SDA Structures, Evolved
Engineering, ED Consulting

MIXED USE

Sanctuary Apartments

A resilient future for apartment living

Natural systems and place-making strategies create an urban sanctuary for residents and the public to connect—an outdoor destination for the whole neighbourhood.

An old church site on a busy road in Sydney's eastern suburbs will see an historic church building adapted for community, retail and hospitality reuse, with a new apartment building next door.

Working with Sam Crawford Architects we used landscaping to integrate these two structures, invite the neighbourhood in and offer sanctuary to the new residents.

Interspersed between the church and apartment building, accessible communal open spaces with lawns and seating invite passive and active recreation gathering - for residents and locals alike.

Stormwater is retained for irrigation and sustainable hydrology. The on-site detention reservoir is covered by a large decking area adding usable outdoor space. A boardwalk connects it to the apartments across a rain garden which filters the water.



Client
Stockland
Location
North Ryde, NSW, Australia
Status
Current, SSDA
Partners
Koichi Takada Architects, Northrop, Stantec, LCI, Ngurra Advisory
Cost/contract
\$150m

MIXED USE

Triniti Build to Rent

Biophilic living

The next generation of urban living: an abundance of natural amenity improves quality of life for Stockland's new build-to-rent project.

Located between two residential buildings a podium-level parkland, rooftop gardens, gym and wellness facilities, a retail laneway and activated streetscapes increase the connection to the natural environment through the use of generous planting, multi-sensory experiences and beautiful spaces to relax. The trees, geology and water courses of the Lane Cover River catchment nearby, together with Working with Country principles, underpin the design.

A podium houses a sloping lawn landscaped to be a natural diamond-shaped amphitheatre, with seating amongst meadows, shrub screening for privacy, playground, bbq areas, plant-covered harbour stormwater basins, and

rainwater gardens. Building roof-scapes feature dining pods, timber seating, multifunctional spaces, planted windbreaks, edible gardens, outdoor gym, yoga pods, and a kids party area.

We worked with a First Nations Working Group of Dharug elders to celebrate and establish meaningful Connections to Country and create biophilic living environments. The river habitat is extended into the urban fabric with cobbles, riparian species and water sensitive catchments.

The design helps achieve rental premiums and high occupancy by providing access to invaluable natural spaces that refresh and revitalise residents.

Client
Local Council (Confidential)
Location
NSW, Australia
Status
Complete (To be published)
Partners
SJB Urban, Urbis, Tonkin, Bridge 42

PUBLIC PARK

Precinct Masterplan

A community asset and parkland destination

A masterplan transforms a degraded asset into a vital, versatile and resilient public open space.

The ecological performance of four interconnected parklands sitting on a floodplain and dissected by a rail-line and creek is enhanced for healthy communities.

The design brings the community together to enjoy nature and participate in active and passive recreational and sporting activities. The multi-functional park maximises utilisation of different areas, provides safe and accessible places, is connected to footpaths and cycleways, improves biodiversity, and increases resilience by mitigating flood risk.

- The key landscape strategies include:**
- Increasing the multi-functionality of sports and recreational areas through strategic spatial arrangements
 - Water sensitive urban design transforms under-utilised flood plains into places of enjoyment.
 - Introducing mobility links, footpaths and cycleways connect to existing routes and activate the park.
 - Increasing diversity of activities through new amenities attracts a broader range of repeat users
 - Regenerative landscapes work with natural systems to create invaluable green spaces and increase habitats for local flora and fauna.
 - Increased tree canopy reduces heat island effects and provides shade and wind protection.



Client
Stockland
Location
North Ryde, NSW, Australia
Status
Current
Partners
Koichi Takada Architects, Northrop
Cost/contract
\$12m

PUBLIC DOMAIN

New Link Road

Reclaiming Streets for People

A pedestrianised street is transformed into a civic place, a vibrant community hub that activates daily life between buildings.

An important movement route from North Ryde Metro Station to a future commercial centre is transformed from a mono-functional transit link into a linear parkland that offers diverse activities - eating to exercising, wandering to walking, playing to performing.

The design incorporates a playground, fitness area, stands for food trucks and market stalls, dining areas, seating, and concert and art exhibition spaces. Specialised lighting creates different atmospheres, whilst sandstone excavated from the site references the nearby rock caves of the Lane Cove River. Clearly articulated pedestrian routes assist commuters.

Water-sensitive urban design strategies are incorporated with plants and tree species harvested from Lane Cove National Park. Hard surfaces are softened, access to green spaces is increased, the impact on the environment minimised and biodiversity increased.

Designed with multi-functionality in mind the street also accommodates emergency and service vehicles. It stitches together an existing office park with the new commercial and residential precinct.

The landscaped village becomes a destination, resulting in economic, cultural and social benefits for local communities.

Awards
South African Institute for Landscape Architecture (ILASA) 2022: President's Award & Merit Award Category First place Prix Versailles Worldwide Awards 2021: Exterior World Restaurants Winner; 9th Annual Architizer A+ Awards 2021: Jury and Popular Choice Winner Archilover: Best Project 2021

Client
Bosjes Estate

Location
Western Cape, South Africa

Status
Built 2021

Partners
Steyn Studio,, Cegela, Henry Fagan & Partners, Arup, Bühmann Consulting Engineers, Aurecon

Cost
\$13m

HOSPITALITY

Bosjes Wine Estate

Integrating ecology and amenity

Working ecology into a rural farm creates opportunities for diversified income, future-proofing cultural and agricultural landscapes.

Changing markets are opening opportunities for agri-tourism with estates tapping into their wealth of natural, scenic, and spatial assets.

We were asked by Bosjes Wine Estate near Cape Town to set the benchmark for revitalising their rural property.

We realise that atural systems and place-making interventions can turn regional properties into authentic and relevant destinations. Restorative ecological strategies bring a degraded portion of land back to life.

A long curved path reveals a sequence of landscapes and buildings. The experiential design provides refuge for wildlife and pause moments for people.

A cafe and gift shop are built into the earth, with roofs carpeted with indigenous plants that

seamlessly integrate their curved masses into the contours of the site. Trellises with climbing plants frame the structures, further blending them into the landscape.

An accessible canopy walk offers views of the indigenous woodland and valley. It frames play areas, creates sheltered spaces beneath the decking, and provides support for the climbing and swinging nets that are woven through it.

The integrated water management design references the historic valley farm systems and ensures resilience in this drought stressed environment. Reservoirs are reinterpreted as landscape elements providing habitat for flora and fauna. A dam is a functional biofiltration system whilst a restoration area nurtures the critically endangered Indigenous vegetation.



Client
Catholic Diocese of Wilcannia-Forbes
Location
Moama, New South Wales, Australia
Status
Current
Partners
Clarke Hopkins Clarke, Salvestro Planning, Traffic Works, JN, Salt, OzArk
Cost
\$32m

EDUCATION

Blessed Carlo College

Streams of Knowledge

The masterplan for a regional school embraces water retention and reuse as key elements to articulate spaces whilst incorporating Connecting with Country design principles.

The Catholic Diocese commissioned us to design the masterplan for a new school in regional NSW. Located near the Murray River the school seeks to provide spaces of fun and learning, respecting the country upon which it is located and its own faith.

Our challenge was to make educational spaces for children of all ages and abilities to encourage activity, engagement and curiosity.

A 'Streams of Knowledge' concept integrates the buildings into the landscape by capturing stormwater into rain gardens that function as green learning 'ponds'. These ponds are connected to a central creek system that generates the structuring axis of the school.

Aboriginal aquaculture systems - weirs and stone fish traps - guided the water sensitive design approach.

A sequence of landscape ecosystems perform a range of amenity functions. Nature playgrounds, productive fruit trees and bush tucker gardens are woven together with rehabilitated native species to create a rich cultural, ecological and productive landscape.

Overlaid onto the blue/green network are a sequence of experiential spatial realms. Natural play places encourage 'free play', whilst climbing nets encourage 'active play' and bridges create stages for imaginative play.

Awards
IFLA AAPME 2018; ILASA Merit Awards 2018; SALI Awards 2018: Gold Award
Client
Redefine Properties
Location
Cape Town, South Africa
Status
Built 2021
Partners
Boogertman, Smuts & Boyes, Aurecon, BFH de Jager, LDM
Cost
\$30m

PUBLIC SPACE

Merriman Square

Urban Sanctuary

An ecologically sustainable and inclusive open space has dramatically boosted occupancy rates, created a desirable destination and an urban sanctuary.

Working with developer Redefine Properties we transformed an unloved, unused and underperforming public plaza in a harsh modernist environment of high-rise offices in Cape Town CBD.

Our goal was to achieve urban revitalisation through water sensitive design.

The integrated stormwater management strategy sees harvested rainwater directed to storage tanks for irrigation and building use. Biofiltration basins percolate overflow water back into the groundwater, minimising the burden on the city's stormwater infrastructure whilst sustaining indigenous wetland species that attract birdlife to the area.

Located on a reclaimed foreshore, the marine design narrative - wharves and jetties - evokes a strong sense of place. Together with pergolas they frame smaller spaces to provide a comfortable human scale.

Diverse spatial conditions - seating steps and walls, bar counters and movable furniture - welcome office workers, students and street vendors. They create a vibrant, season sensitive and inclusive urban living room that offers respite from the exposed foreshore environment.



Awards
AAPME Award of Excellence
2020
LILA Shortlisted Project 2020

Client
Bosjes Estate, Western Cape
Education Department

Location
Western Cape, South Africa

Status
Built 2019

Partners
Meyer & Associates, 2ii
Consulting, Cegela, Bührmann
Consulting Engineers

Cost
\$8m

EDUCATION

Botha's Halte School

Nature based solutions for leading learning environments

A rural primary school in South Africa uses nature to create a multifunctional play and learning experience.

By incorporating the best practice principles for resilient design, the landscape is now a fun and creative learning environment that students, teachers and community celebrate.

We were asked by Bosjes Estate to to create a supportive learning environment for Botha's Halte school. They had fought an uphill battle with limited prefabricated classrooms, harsh winds and temperatures.

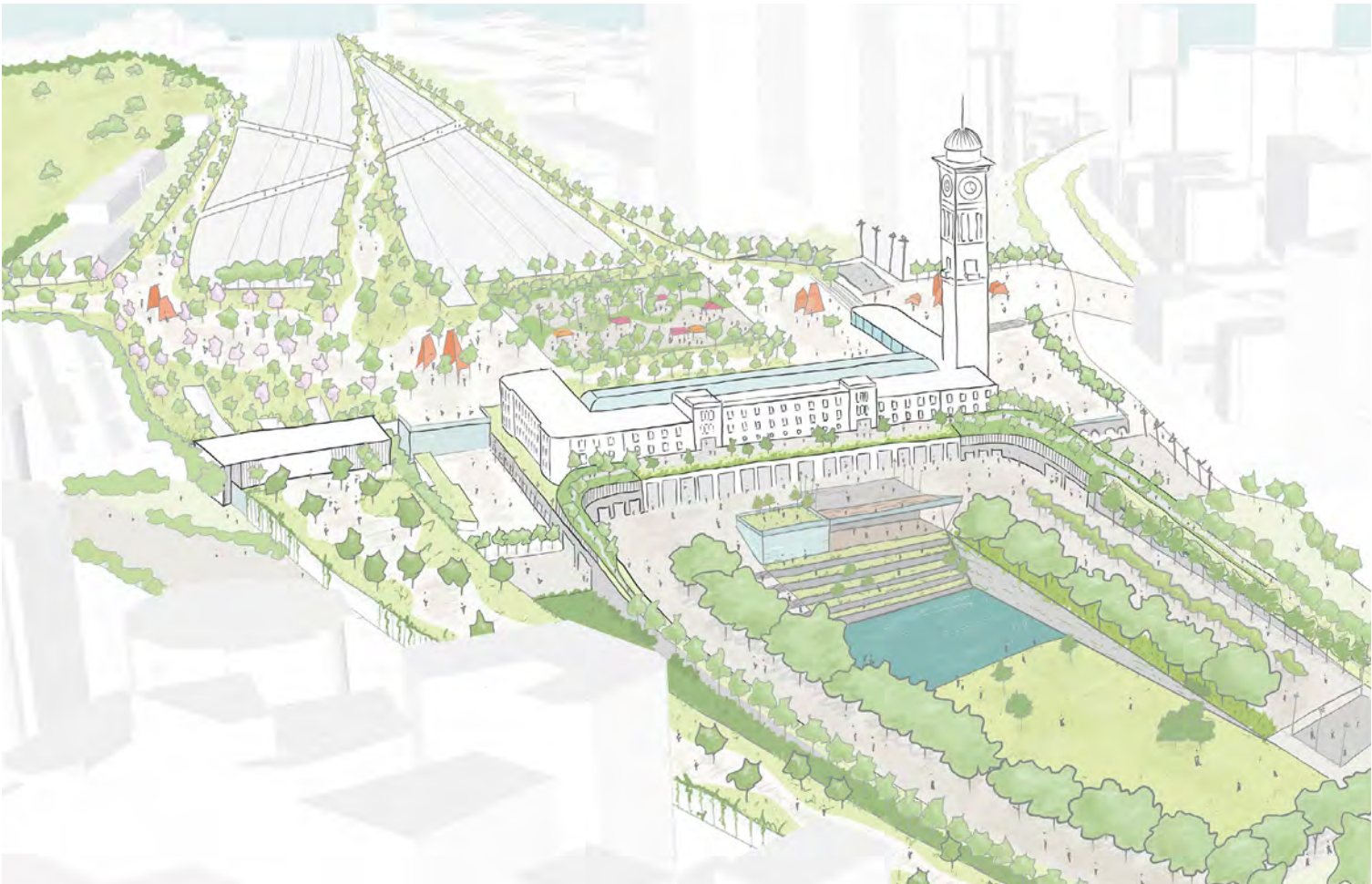
So what innovative environmental initiatives have created an inspiring haven for learners?

The integrated outdoor play environment is sunken to provide shelter from the winds and rain. Using natural materials the focus is on tactile and natural play, creating an interactive environment to allow natural expression and learning for a range of ages and capability levels.

Site water management creates a welcoming and resilient statement at the school entrance. While creating new microclimates, habitats, and outdoor laboratories, the water is also harvested for ablutions and irrigation of the school grounds.

Accessible green roofs insulate the buildings from the extreme temperatures in the valley.

The vegetable gardens and orchards provide learning opportunities and food for lunches as well as produce for the adjacent wine estate restaurants. Locally endangered vegetation is rehabilitated as part of the heritage and identity of the community while minimising the school's environmental footprint.



Organiser
Committee for Sydney

Location
Sydney Australia

Status
Concept 2022

PUBLIC SPACE

Sydney Central Station

Landscape infrastructure offers valuable place-making

A competition entry for the urban reactivation of Sydney Central Station creates a prized urban precinct bringing people and nature back into the city.

Multifunctional landscapes are able to turn mono-functional transit infrastructure into vibrant places that connect people to nature and open up the city to unlock commercial and residential value.

We challenged ourselves to reclaim infrastructure barriers in a city where every square metre is under pressure to perform.

Tar and tracks have eroded the public domain surrounding Sydney Central Station, devaluing its civic value, creating an exposed, congested unwelcoming barrier. Plus increasing pressure for development erodes the very fabric that is required to attract people back to the CBD.

The concept proposes the pedestrianisation of spaces around the station and Belmore Park is enhanced as an event space. A bridge crossing the railway becomes an elevated public park.

The Grand Concourse roof opens to connect to the rooftop park and market square. The northern station façade is re-activated as a backdrop for a much-needed civic square.

Mounded landscapes with windbreak trees create a protected environment for people to picnic and play, market gardens allow locals to grow their own food, reconnect neighbourhoods to nature and encourage healthy, resilient lifestyles.



Awards
SALI Awards 2014: Gold Award of Excellence

Client
Omwieco

Location
Western Cape, South Africa

Status
Built 2015

Partners
Urba, Omnicron, Domain, ICE Group, GIBB, GMQS

Cost
\$131m

MIXED USE

Somerset Lakes

A vast degraded site was transformed into a sought-after residential and commercial development, an environmentally resilient and desirable new address for connected living.

We were engaged by developer Omwieco to address an abandoned, derelict farmland. Attempts to turn this site into an attractive neighbourhood had previously failed.

We harnessed natural systems to create vital neighbourhoods, by designing a blue-green network that connected restored ecologies across the site.

The masterplan saw natural systems – streams and shelter belts, dams and forests create the structure of the site, turning it into Somerset Lakes – a place where people want to live.

A water sensitive urban design strategy created an extensive natural wetland area and green belts connected across the site to guarantee resilience in a drought afflicted

region. Stormwater is harvested within the local catchment area and treated through slow filtration. Water vulnerability is addressed by absorbing flooding events and replenishing the water table for future droughts.

A biodiverse, hybrid landscape of locally indigenous species provides striking colour and texture through all seasons. Mature trees provide screening from the adjacent highway and generous, shaded walkways. Streets and parks are designed as connected open space networks for people to encourage outdoor community living.

Residential developments succeed when landscapes are designed as multifunctional spaces contributing to health

Awards
SALI Awards 2022: Double Gold Award of Excellence

Client
St. Joseph's Home For Critically Ill Children and St Joseph's School

Location
Cape Town, South Africa

Status
Built 2021

Partners & Sponsors
Afrilandscapes, Synsport, Afrimat, Bera, Corobrik, GVK-Siya Zama, Habitat, JKT Rocks, Just Trees, Naco, The Pole Yard, Reliance, Pink Geranium, Shadowlands, Smartstone

Cost
\$0.2mil

EDUCATION

St. Joseph's Home

Multifunctional play spaces allow children to connect with nature and escape into a world of fun and friends.

At the St. Joseph's Home care facility for children with life limiting and life-threatening illnesses, play is an essential part of facilitating healing and recovery.

Faced with an expansive, harsh and exposed site with a limited budget, the brief was to provide diverse play environments for children of different ages and severity of conditions.

With limited resources and complex constraints, how is learning, exercise, and enjoyment encouraged at St. Joseph's Home?

The design creates a safe and enticing environment to foster learning and healing through natural play experiences.

Strategies included the re-purposing of site sand for sandbag construction and tree trunks as climbing frames. Sandbag topography provides shelter from the wind and a challenging adventure playscape. Broken and disused equipment and materials were upcycled for new structures. Rain gardens were converted into habitat areas for exploration, learning, and play. Diverse social interactions were enhanced with a variety of formal and informal play areas.

Square One sourced donations of equipment and materials for the project.



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COMPANY REGISTRATION

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PROFESSIONAL REGISTRATION

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Reg. No: 20201

BANKING DETAILS

Commonwealth Bank
Acc. Name: Square One Landscape Architects
BSB: 062-033
Acc. No: 10-963-996

GST Reg. No: 85 641 425 372

PROFESSIONAL INDEMNITY INSURANCE

DUAL Australia Pty Ltd
Policy No: SOB/34556/000/22/N
Sum Insured: \$10,000,000

PUBLIC LIABILITY INSURANCE

QBE Insurance (Australia) Ltd
Policy No: 118U839235BPK
Sum Insured: \$20,000,000

WORKERS COMPENSATION

iCare Workers Insurance
Policy No: 219384101

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