

PALMERSTON POLICE STATION

Palmerston Police Station involved the construction of a new 3-level police station, a state-of-the-art watch house, administration offices, operational areas, multiple meeting and interview rooms, a waiting area, new Emergency Response Operations Centre, covered parking areas, as well as the landscaping, fencing, pathways, and connections to all relevant services.

Having won many state and national industry body awards to date, and more recently the 2019 Master Builders National Business Leadership Award – Large Civil Construction Business of the Year, Sitzler constructed the new NT Government's 24 hour Palmerston Police Station and Watch House.

"The Palmerston Police Station is no ordinary secure building," said Sitzler Director, Michael Sitzler. "It's a significant and complex state-of-the-art policing facility dedicated to the staff and public users requiring police assistance, which includes secure and safe holding and processing facilities for those in custody."

With a footprint exceeding 6,000m² across a 20,000m² site, the Palmerston Police Station is a 3-storey facility, twice the size of the existing station and caters to 200 staff on 24 hour rotating shifts. The 24 hour watch house enhances response times for Palmerston Police and prevents the need for officers to travel to Darwin in order to process offenders.

The new station is constructed to an Importance Level 4, with the accommodating services and backup systems able to be operated in

isolation, during and after significant weather or natural disaster events where regular power and water services may be inoperable. Physical and visual security features are also constructed within the building envelope ensuring confidential materials and people are protected, without the fear of loss of privacy or dignity.

"Sitzler has previously constructed police stations for NT Police, Fire and Emergency Services at Galiwinku, Wadeye, and Mutitjulu. Our partnership with NT Police and the NT Government allows us to achieve the best results from a dynamic design process, while also meeting the emerging needs of NT Police," Michael said.

"The facility incorporates best practice design standards from across Australasia and includes provision for future technologies. It also meets the United Nations Nelson Mandela Standard Copenhagen 2016, in respect of access to fresh water, air, and natural light as well as population density, cell size, and ablutions."

Commencing construction in April 2018, the project was completed in August 2019, employing 650 local workers, including 21 apprentices, seven trainees and 51 Indigenous workers. 61 local subcontractors and businesses were engaged, including four Indigenous businesses.

This fast track build meant developing a series of construction processes such as a precast concrete lid to the lift shaft and precast concrete stair landings and stairwell roof alleviating the need for formwork in the lift shaft, and scaffolding and formwork in the stairwell. Transfloor panels to cell roofs also saved on formwork and working at height issues.

"The team developed a new key matrix and a locker keying system for the police," said Michael. "A personal locker ventilation system also allows police vests to dry in eight hours between shifts. Plus, the new, flexible chiller exhaust air system can be easily removed for fan maintenance."



DEVELOPER : NT Government, Department Planning, Infrastructure and Logistics
MAIN CONSTRUCTION COMPANY : Sitzler Pty Ltd
ARCHITECT : Ross Tonkin & Associates
STRUCTURAL ENGINEER : ADG Engineers (AUST)
CONSTRUCTION VALUE : \$31.5 million



Left to Right : Sitzler Defence Sector Leader Allan Schmidt, Sitzler Managing Director Steve Margetic and Executive Director of Master Builders NT Dave Malone.

Below Sitzler provides long term employment, training and business opportunities at all levels to Indigenous people throughout their operations.

A highly regarded Australian construction company delivering quality projects safely in an environmentally and socially conscious manner, Sitzler have come a long way since Peter and Paul Sitzler founded the business in the center of Australia in 1957.

From those humble beginnings Sitzler quickly formed a strong reputation of providing reliable construction services in Australia's center. Sitzler expanded further north to the top end in 1976 and with a successful business model and a growing client base requesting their services elsewhere, Sitzler established in Adelaide in 2002.

Under the ownership of Directors Steve Margetic and Michael Sitzler for the past 20 years, the company has continued to develop and grow, building on experience, technical capability and a reputation to deliver exceptional results. In 2007, Sitzler was the first privately owned construction company in the Northern Territory to achieve accreditation with the Office of the Federal Safety Commission.

"We have strategically resourced our offices to comprise of long term industry professionals who possess the technical capabilities to undertake unique and multifaceted projects. Our professionalism and passion for design, construction and project management is what keeps our clients coming back."

From the early days of building in the remotest parts of Australia to the present where projects range from specialist facilities for the Department of Defence and US Airforce Space Command, to specialist diagnostic and treatment health facilities to remote road and bridge infrastructure work, Sitzler has transitioned from a respected family business to a professional multi-award-winning, trusted specialist providing quality construction solutions.

"We've expanded considerably across Northern Australia, South Australia and Western Australia over the past 30 years to service the needs of our clients," Michael continued. "A key advantage is how we operate, not as separate state based entities, but as a highly focused coordinated flexible group."

Today Sitzler deliver a diverse range of projects for all major industry sectors including defence and space innovation, civil and infrastructure, health and commercial, industrial, and community and civic infrastructure.

Sitzler have extensive inhouse technical capacity along with design and construction experience across all sectors and industries of the economy, including public infrastructure, defence, education, retail, commercial, civil, health and energy sectors."

Sitzler also has a long and successful history of providing stable employment, training and business opportunities at all levels to Indigenous people throughout their operations. Of their 100 employees, 10% are Indigenous and growing this number is a key focus of the business.

"We have provided a large number of apprentices and trainees with opportunities to attain their trade qualifications, certifications and licenses while growing the regions capability considerably. We're passionate about providing regionally based jobs and have great confidence in the capacity of regional Australia. Despite the slowing economy, we are still employing."

"Wherever our projects are, we seek to engage with local subcontractors and businesses to support the regions we work in. We tailor works packages to the known strengths of the local subcontractors and work closely with them to successfully complete the work."

"From the early planning stages of a project, including feasibility analysis through to the collaborative management of the project, we provide a comprehensive suite of services. These are based on strong capability and scalability of delivery of all project types," Michael explained. "At Sitzler, our drive to deliver on our commitments enables us to continually exceed client expectations."

For more information contact Sitzler Pty Ltd, (NT) 100 Pruen Road, Berrimah NT 0828, phone 08 8922 4000, (SA/WA) 129 Greenhill Road, Unley SA 5061, phone 08 8293 1018, email admin@sitzler.com.au, website www.sitzler.com.au

Below JGA Concreting provided all the concrete slab works, including steel fixing, formwork, concrete finishing for the Palmerston Police Station.

Below Innovative Office Furniture fitout the station with an extensive range of joinery and furnishing options.



A local concrete finisher for 45 years, JGA Concreting are proud of being part of the construction of Palmerston Police Station.

“We’re familiar with Darwin’s harsh working environment and know what it takes to complete the job on time and budget to a high quality,” said JGA Managing Director, George Alexopoulos. “We ensure each project has a solid foundation by delivering quality on all aspects of concrete work, from preparation to placement and finishing. No matter the size of the job, we’ve got the skills and expertise for it!”

JGA provided all the concrete slab works, including steel fixing, formwork, concrete finishing. Plus, the buildings external paths, car parks, verandah, entry slabs, hardstands, drains, retaining walls, stairs and stone pitching. Between April 2018 and July 2019 over 40 of JGA’s team worked on Palmerston Police Station, including three with aboriginal backgrounds, successfully bringing the project in on time and within budget.

“Our people are the backbone of the company. Their quality workmanship and proficiency ensures our solid reputation and trust within the Territory, guaranteeing our success,” said George.

The company have worked on many projects with Sitzler over the past 30 years, and they’ve gained a solid reputation as one of the Northern Territory’s most trusted concreting services. “It’s always a pleasure working with Sitzler and their organised, professional team,” added George.

George and his father John have provided Darwin industries, businesses and residents with concreting solutions for their every need, from suspended slabs, driveways, paths, stairs, to high rise buildings and more.

JGA Concreting has consistently provided quality services to domestic, commercial, industrial, health and defence clients in the Darwin region, including on Casuarina Shopping Square, Casuarina Cinema, Robertson Barracks, NACC Tindal R8000, Skycity Resort, Hastings on Mindil, Inpex TMP1 and Building 1, Darwin Airport Terminal Extension, Gateway Shopping Centre and more.

For more information contact JGA Concreting, 7 Willes Road, Berrimah NT 0828, phone 08 8947 5372, email office@jgaconcreting.com.au, website www.jgaconcreting.com.au

Operating since 2013, Innovative Office Furniture Pty Ltd is 100% Indigenous owned and operated, and supplied a wide variety of furniture, fittings and quality joinery for Palmerston Police Station.

“We successfully supplied and installed everything from shelving, meeting and interview room tables, over 300 chairs, secure cupboards and filling cabinets to clocks and rubbish bins,” said Allan Lodge, Director Innovative Office Furniture. “The counter and tabletops were all manufactured at our Kalano Community factory in Katherine.”

The Katherine factory employs a workforce made up of 70% Indigenous trainees and cabinetmakers. Manufacturing at the factory includes polytech board and compact laminate products, along with custom made recycled timber furniture.

Innovative Office Furniture is renowned for delivering a range of high quality joinery services and bespoke, custom designed products to clients across the Northern Territory and beyond. They have developed an excellent reputation within the industry, becoming a one-stop-shop for Tier 1 and primary contractors. They offer a diverse and affordable product range from health, educational and hospitality

furniture, commercial joinery, toilet partitioning, kitchenettes, lockers and more.

“We are committed to providing quality and innovation by providing project management, advice and support to our clients from the beginning of the design journey to project completion,” added Allan. “Our company has a demonstrated track record in delivering design excellence whether the project is in the city, regional centre or a remote Aboriginal community across the Territory, in Western Australia or Queensland.”

Other recent works include a \$1.3 million project with Lendlease at Delamere Defence Base, the new Katherine Fire Station, Katherine Headspace, Brisbane airport as well as extensive joinery works on the Gold Coast and in Toowoomba. “We’re also providing all the joinery packages for Darwin Defence, NBC in Tennant Creek and Truck Central,” Allan said.

For more information contact Innovative Office Furniture Pty Ltd, 44 McMinn Street, Darwin NT 0800, phone 08 8941 1390, email allan@iofnt.com.au, website www.iof.com.au

Below All Cast NT manufactured and installed precast wall and floor panels for Building B and C on the development.

Below NT Electrical Group provided extensive electrical and control systems to the Station, including the access control systems.



Specialising in the manufacture and installation of precast concrete including culverts, stormwater, electrical and sewer manholes, wall panels and flooring, bridge beams and an assortment of small products, All Cast NT manufactured, transported and installed wall panels and retaining walls around Building B and transfer precast floor panels in Building C at Palmerston Police Station, between June 2018 and February 2019.

“More than 42 All Cast NT employees and over 15 local suppliers were involved in this project. We’re Territory proud and have a long history of working within the Northern Territory. We always aim to keep it local,” said General Manager, Jonathan Foster.

Local Territorian, Ray Bail established Alice Precasters in 1985, becoming All Cast NT in 2004. All Cast NT provide plumbers, engineers, developers, civil contractors, government departments, local councils, and communities, with reliable services and cost-effective products of superior quality both in finish and strength.

All Cast NT is renowned for developing and offering engineering solutions. “We developed, designed, manufactured and installed a mass earth retaining wall for the Tiger Brennan Drive realignment

and Garramilla Boulevard. This reduced the cost and construction time while simultaneously increasing local participation and keeping proceeds within the Territory.”

More recent works include Palmerston’s Gateway Shopping Centre, Hidden Valley bridge feature retaining wall, Palmerston Boulevard Plaza and the Tiger Brennan Drive re-alignment feature earth retaining wall. All Cast are currently supplying over \$900,000 worth of culverts and drainage pit works to various projects.

All Cast NT are proud bridge builders and have serious piling and bridge building capabilities. Current projects include Darwin Airport ATC Tower piling works and Finnis River bridge construction (164m, 7-span bridge).

For more information contact All Cast NT Drainage Systems Pty Ltd, 20 Makagon Road, Berrimah NT 0828, phone 08 8947 1154, email admin@allcastnt.com.au, website www.allcastnt.com.au

NT Electrical Group’s prior experience in NT Government Police Station facilities allowed them to deliver all the necessary electrical works for the station in a timely manner.

“All police buildings are complex,” said NT Electrical Group’s Director, Brad Fullwood. “The security and systems required to operate a functioning police station and holding cells are complex, the NT Government Police requirements make it such. But our qualified team worked diligently completing all the electrical installations successfully and on time.”

NT Electrical Group provided all the general power, lighting, communications, security, fire, CCTV, cell call system, access control and standby generator systems at the new station.

Locally owned, NT Electrical Group has operated from Darwin since 2007 providing a full range of construction and civil electrical works, including installation, servicing and maintenance for commercial, industrial and residential projects Territory wide.

“Our electricians are regularly contracted to work for some of the largest companies operating out of the Top End. We have completed

projects for the Power and Water Corporation, various Northern Territory and Australian Government departments, Telstra, BMD, Halikos, Sitzler, John Holland, Ahrens and UGL,” added Brad. “We pride ourselves on delivering projects with the highest quality electrical systems in the Northern Territory. Our commercial and industrial electrical services incorporate all facets of design, construction and installation through to routine inspections, maintenance and commissioning.”

NT Electrical Group provides a complete range of electrical services ranging from full design and installation through to final testing and certification. They believe in supporting the local community and regularly hire and train local tradespeople, in conjunction with providing both full time and school based apprenticeships. “We also proudly sponsor several local charities, sporting clubs, schools and emergency services.”

For more information contact NT Electrical Group, 96 Jessop Crescent, Berrimah NT 0828, phone 08 8947 5500, email admin@nteg.com.au, website www.nteg.com.au



Below Demountable Sales and Hire set up and demobilised the temporary site office, crib room and all amenities for the site.



Headquartered in Darwin, Demountable Sales & Hire (DSH) has constructed secure, affordable, transportable housing for a range of clients, from government office accommodation, mining and construction camps, to homes for the public throughout the Northern Territory, Western Australia and Queensland.

“We’ve been looking after Territory industries and businesses since 1998,” said DHS Director, John Tannos. “For this project, we supplied, set up and demobilised the site office, crib room and all amenities for builders, Sitzler, and their various teams.”

“We have hundreds of various configurations that our customers can chose from, or we can create a unique customised build,” said John. “Our highly qualified and licenced team have the knowledge and flexibility to make the design work for any project requirement, big or small.”

The DHS difference is their insulated panelling system. “It provides all the functionality you’d expect with a permanent building, including safety regulations and energy efficiency. Our buildings also come complete with cyclone rating certification, but with the speed and simplicity that only modular construction can offer.”

Now adopted across Australia, DHS is also the proud innovator of the transportable cyclonic concrete footing.

During the past five years, DSH has constructed over 1,000 various building modules. These have been supplied, delivered and installed Australia wide for the rural communities, stations, mining, oil and gas, commercial and residential sectors.

DHS take care of the entire process from design, manufacture and installation to removal.

For more information contact Demountable Sales & Hire, 52 Dawson Street, East Arm NT 0822, phone 08 8947 4220, email admin@dsht.com.au, website www.demountablesaleshire.com.au