

NSW PROJECT FEATURE **LINDFIELD VILLAGE GREEN**

Kane Constructions



A CONTEMPORARY VILLAGE GREEN

MAIN CONSTRUCTION COMPANY : Kane Constructions

ARCHITECT : DEM (Aust) and Studio Hollenstein

STRUCTURAL ENGINEER : Tonkin and Taylor Thomson Whitting (TTW)

CONSTRUCTION VALUE : \$26 million



Lindfield Village Green is a vibrant public space that will play a central role in community life for residents, staff, commuters, shoppers and visitors in the area. The construction includes a public plaza, a pavilion suitable for a café or restaurant, market, outdoor cinema, live performances capabilities, and a three level underground car park with 280 spaces.

Multi-award-winning and privately owned construction company Kane Constructions was awarded the full Design and Construct contract by Ku-ring-gai Council. Kane is synonymous for delivering large scale, first class projects across all sectors of the construction industry. The latest undertaking at Lindfield Village Green is no exception.

The project, which took approximately 18 months to build, was designed to provide residents and commuters with a vibrant, safe and meaningful public space.

Positioned to play a central role in the local area, the site occupies approximately 5,350m² and includes full amenities, lift and stair access and an open, fully landscaped green space on ground level which was created with easy pedestrian movement and social gatherings in mind.

Brad Mason, NSW Operations Manager at Kane Constructions spent the final six months of the build on-site full-time and led a team of 12 labourers and project managers monitoring costs, safety and the programming of all works. “The new underground car park has a total of 280 spaces across three levels and we’ve included solar panels on the ground floor which feed into the electric vehicle chargers,” said Brad Mason.

“A typical day for me started with a pre-team meeting at 6.00am where we would assign the tasks for the day and discuss how to best manage the works on-site. Despite delays due to the COVID-19 pandemic, the project was delivered on time. This is a credit to everyone involved.”

Lindfield Village Green is located in a very built-up area. It is for this reason that the

green space was a priority for the community. “The grassed garden area on the ground floor includes a copper-clad café and gazebos with vines and lights.” Brad said. “For the people that live in the area, particularly the elderly population and for those who don’t have a garden, this space will play an important role.”

Lindfield Village Green is a modern example of sustainable urbanism. The project showcases water sensitive urban design boasting an on-site water recycling system, water capture, storage and reuse, and water conservation systems.

Essential to the success of the project was the effective communication between Kane, Ku-ring-gai Council, consultants and the team of subcontractors. Regular newsletters and updates were distributed to all stakeholders.

“We used a number of trusted and reliable subcontractors that we’ve worked with before. Our team shared the vision to deliver a sustainable and exciting transformation for the community. Regular and detailed communication was maintained with the local council for the projects duration.” Brad said.

“We had several working committees in place and a key focus for our Site Manager was to meet the surrounding and adjoining neighbours on a regular basis to manage issues that arose during the construction phase. We were successful in minimising disruption to the surrounding environment.”

Kane’s long list of industry accolades includes the 2016 and 2019 National Construction Master Builder of the Year, as well as Master Builder of the Year in Victoria in 2016, 2017 and 2019.

In New South Wales, Kane is currently undertaking an exciting project for the Art Gallery of New South Wales, as well as the Redevelopment of the Children’s Hospital Westmead Car Park for NSW Health Infrastructure.

For more information contact Kane Constructions, 2 John Street, Waterloo NSW 2017, phone 02 9930 5555, email bmason@kane.com.au website www.kane.com.au



Below Ergo Group installed a new main switchboard, new communications racks, power, lighting and a full CCTV and LPR system.

Ergo Group is an established electrical and communications contractor which consistently delivers practical, reliable, competitive and innovative solutions across all sectors of the construction industry.

With a workforce of more than 40 employees including estimators, electrical and data technicians, service crew and project managers, Ergo Group has proudly worked alongside some of Australia’s most respected companies and institutions for the last decade.

The company delivers a vast array of electrical projects and has established a reputation over the years for its ‘can-do’ work ethic and industry knowledge. Ergo Group’s service offering is particularly attractive as it covers the detailed design and construction of electrical installations, high voltage substations, communications networks, automated lighting control, audio visual systems, security and dry fire systems.

“We have delivered multiple successful projects across Australia across all aspects of the construction industry” said Aled Williams, Project Manager at Ergo Group. “We work to foster long-standing relationships with our clients and this is evident in the repeat business that we receive, for example as the great partnership that we enjoy with Kane Constructions.”

Contracted to the Lindfield Village Green by Kane Constructions, a team of eight dedicated technicians spent around 15 months on the 3-storey underground carpark’s. They installed a new main switchboard, new communications racks, power, lighting and a full CCTV and Licence Plate Recognition (LPR) system.

“Where we differ from other companies is that our project managers and supervisors have vast experience across different industries which makes us a smart and versatile choice and we are always seeking to provide the best outcomes for our clients and end users,” said Aled.

“We installed the Schneider ELV car charging system at the Lindfield Village Green which was a first for us and it’s a big part of the transformation of the area

which now accommodates 3-levels of car parking, as well as a café and green area on the ground floor.”

Aled’s role as Project Manager meant that he spent a great deal of time onsite, working alongside the site supervisor to manage the progress of his team and any issues that needed working out. This sound communication between Ergo Group and Kane Constructions was essential, particularly when COVID restrictions came into play and design meetings with all stakeholders were moved to an online format.

“Another challenge that we faced on this project was getting all of our cabling into the concrete walls and ceilings and because of the detailed architectural lighting throughout, we had to meticulously plan all of our cable routes and get them installed in the deck work prior to any of the concrete pours,” Aled explained. “We are extremely happy that all of the cabling was captured, which means that we didn’t need to install any unsightly surface conduits.”

Ergo Group’s portfolio includes the refurbishment of the Sydney Opera House Function Centre, the Australian Museum and the Art Gallery of New South Wales. In addition, the company has several ongoing projects in venues all around the State from hospitals and schools, to retail outlets and hospitality venues.

For more information contact Ergo Group, 25/17-21 Bowden Street, Alexandria NSW 2015, phone 02 9519 1179, email accounts@ergogroup.com.au, website www.ergogroup.com.au



Below Chalouhi completed approximately 34,500m³ of bulk excavation and 600m³ of detailed excavation throughout the duration of the project.

Below Coastal Fire Prevention installed a fully compliant fire sprinkler, fire detection and alarm system



With a reputation in the construction industry as a trusted and reliable civil engineering company, Chalouhi has been shaping the landscape of Sydney for more than a decade.

With extensive knowledge and experience in site preparation, deep excavation and civil construction, the team at Chalouhi provide their clients with valuable engineering advice throughout all stage of their projects.

Awarded the Lindfield Village Green Civil Works package by Kane Constructions, the team at Chalouhi immediately embraced the design and construct basement project. Works commenced with site preparation, tree removal and the demolition of an existing asphalt carpark, kerbs, gutters and retaining walls.

Working alongside a licenced hygienist, Chalouhi removed all contaminated material effectively and sustainably. Ground engineering works for the 3-storey underground carpark included over 2,200m² of shotcrete, shoring piles, capping beam, temporary ground anchors and foundation piles. A total of approximately 34,500m³ of bulk excavation and 600m³ of detailed excavation were carried out by Chalouhi throughout the duration of the project.

Chalouhi's inhouse design team was critical to the progression of works as they provided and implemented a tailored shoring solution suiting the unique challenges of the project. Design coordination and changes were made to meet the requirement of easement underground services of Sydney Water Assets and sequencing of utility diversion works.

The team met the technical demands from various utility providers, council bodies, architects, structural engineers and other stakeholders whilst taking measures to maintain continued and safe pedestrian access to the neighbouring Lindfield Corporate Centre.

With quality and safety at the forefront of this significant project, Chalouhi were able to deliver ahead of schedule, and on budget allowing Kane Constructions to commence ahead of programme.



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Since 2006, Coastal Fire Prevention (CFP) has been installing fire systems to commercial and industrial sites, aged care facilities and residential developments throughout Sydney, the Central Coast, the Hunter region and Regional New South Wales.

The family-owned company, with Shane and Rachael Whitton at the helm, is a trusted name in the construction industry, providing essential fire safety systems and strategies to give builders, residents and communities peace-of-mind.

Director, Shane Whitton has 33 years of experience in the industry and leads a team of long-serving employees who have the qualifications and industry know-how to ensure the safest and most efficient solutions for their clients. "We specialise in all areas of fire protection, including wet and dry installations and offer a team of FPAS (Fire Protection Accreditation Scheme) accredited designers and technicians who work diligently with the client to deliver a compliance system to Australian standards," Shane explained.

At Lindfield Village Green, CFP was brought on board by Kane Constructions, tasked with installing a fully compliant fire sprinkler, fire detection and alarm system which would ultimately deliver a

vibrant, safe and meaningful space for Lindfield residents, commuters, shoppers and the local business community.

The 10 month project saw the team at CFP consult with Kane Constructions in the early stages of the development to design and install a capable set-up which would meet the requirements for the project, opting for a Prime Pump system and Ampac fire detection and alarm system.

"Kane Constructions has delivered an exception project here at Lindfield Village Green and it's one which we are so happy to have been involved with," Shane said.

Coastal Fire Prevention is currently completing projects all across the state, including Woolworths Chatswood, The Crossing residential apartments in Newcastle, Sapphire Apartments in Gosford and St Hedwigs Catholic Healthcare in Blacktown.

For more information contact Coastal Fire Prevention, 2/7 Comserv Close, West Gosford NSW 2250, phone 0438 859 681, email admin@coastalfire.com.au, website www.coastalfire.com.au

Below TFP Scaffold installed a safety screen around the perimeter of the site to keep neighbours and pedestrians safe.



Below Rockcrete completed more than 70 concrete pours over 5-levels at Lindfield Village Green.



TFP Scaffold is fast becoming a well-known name in the industry for taking construction sites across New South Wales to new heights.

The company has joined Kane Constructions once again in delivering the Lindfield Village Green, an underground carpark and green public space for the local town centre.

The company specialises in technical scaffolding and access solutions, to meet the needs of an ever-changing construction industry. Basic residential scaffolding has paved the way for highly-engineered suspended scaffolding on large scale excavation sites and sophisticated access management on projects where there is digging and shoring underground.

“The industry has without a doubt become more technical over the years and we have the capability to cater for this by offering experienced scaffolders and quality solutions,” explained Director of TFP Scaffold, Thomas Pickering. “Technical scaffolding is definitely what we have come to specialise in and on a project like Lindfield Village Green, which was a dynamic and time-sensitive project, meeting our deadlines and being able to facilitate with all the other trades was key.”

Thomas and his team from TFP were onsite at Lindfield Village Green for just over a year. The scope was largely centred around providing safe access for the neighbours, as the site consumed the entire existing carpark and removed the rear lane access used by neighbouring residents and tenants. TFP installed a safety screen around the perimeter of the site and the capping beam and once excavation for the carpark was complete, a suspended access system was installed from the street to the worksite.

Logistically it was a challenging site and TFP kept ahead of the schedule to ensure material could be delivered on time and for this reason, communication between all stakeholders was essential.

“Lindfield Village Green has been a great project to be part of and the end result is a really beautiful space,” Thomas said. “A typical, grey gravel carpark has been transformed into an appealing green area and it has completely changed the town centre and given the local residents an attractive parkside location.”

For more information contact TFP Scaffold, 81 Riverstone Parade, Riverstone NSW 2765, phone (Tom) 0475 055 598, email info@tfpscaffold.com.au, website www.tfpcos.com.au

Rockcrete is a privately owned, Sydney based company which has proudly been servicing the construction industry since 2014. Specialising in concrete placement and pumping services for high rise and commercial structures, Rockcrete was established after parent company Rockform identified a gap in the market for concretors to meet growing demand.

“We saw the need for extra concreting subcontractors because we couldn’t keep up with the demand and a key focus for us has always been about giving our company a competitive advantage,” said Michael Raad, Director of Rockcrete. “Since Rockcrete’s introduction to the industry, we now have the capability of supplying concrete, concrete pump and placement packages with three tower booms, a mobile pump and a trailer pump.”

Engaged by Kane Constructions, the team from Rockcrete spent eight months onsite at the Lindfield Village Green, completing more than 70 concrete pours over 5-levels. Under the watchful eye of Rockcrete Project Manager, Solomone Latu, and the direction from Operations Manager, Muhammad Haris, the concrete pours were coordinated strategically and efficiently, and preplanning between each pour was key.

“The expectation from Kane was for us to deliver a Class 2 product where all concrete in the car park is exposed, so there really was no room for error,” Michael said. “From our point-of-view, the overall result here at the Lindfield Village Green has definitely been a positive one. The finishes of the concrete are of a high level with minimal defects and the sound communication between our team and Kane ensured a smooth process throughout.”

Attention-to-detail was the main focus for Rockcrete, as was deploying the right people to do a quality job and meet all the requirements, which included the supply of an internal, 33m tower boom where there was limited access onsite.

Rockcrete’s portfolio across the residential, commercial, defence and civil sectors is growing all the time and the company is currently working on a 300-unit development at Wentworth Point, as well as the NSW Rugby Union Centre of Excellence in Daceyville alongside Kane Constructions.

For more information contact Rockcrete, 3A Lenton Place, North Rocks NSW 2151, phone 02 9683 2807, email info@rockcrete.net.au, website www.rockcrete.net.au