

LIVING THE HIGH LIFE

DEVELOPER : GWH
BUILDER : GWH
ARCHITECT : O'Connell Architecture and Design
CONSTRUCTION VALUE : \$30 million

Highpoint Apartments in Charlestown is an impressive 17-storey residential development of 68 spacious one, two, and three bedroom apartments with high quality fittings, finishes and appliances. Residents can enjoy an expansive BBQ area and rooftop terrace which offers 360 degree ocean views.

GWH is an independent commercial, industrial and residential property builder and developer with more than 20 years of history in the Greater Hunter Region, Highpoint Apartments is the newest project to join their impressive portfolio.

The 68-apartment complex was constructed on a 1,200m² site with three basement levels of car parking and 17-floors comprising ground floor commercial and retail, then 16-levels of apartments. Other features include a common rooftop terrace and podium.

Jonathan Craig, GWH Managing Director, said that Highpoint will provide a striking addition to Charlestown's urban landscape, being the highest building in the Lake Macquarie area. "Highpoint offers a highly appealing lifestyle with breathtaking views and seamless indoor / outdoor living."

Construction commenced in September 2018 with approximately one third of GWH staff having been engaged during various times on the project. Members of the team involved at Highpoint include directors, development management, finance, sales, marketing, project management, contract administration, site management and onsite employees.

The 68 apartments all boast premium finishes throughout, with walk-in wardrobes, laundry room, linen cupboards, stainless steel appliances and island stone bench tops, plus designated car space and lockable storage. The two superb terraces allow residents to

dine under the stars on either the expansive garden, entertainment and BBQ area or on the Rooftop.

Jonathan said that as with many residential building projects, the excavation works for the basement presented several construction challenges, given Charlestown's well documented history as a mining hub in the Lake Macquarie and Hunter region.

"The GWH construction team and engineers had to give full consideration to the implications of the mining history and develop appropriate solutions. The team carefully reviewed the design and produced dynamic, efficient construction solutions to the various related groundwork challenges. At all stages of the design, GWH ensured that safety, construction and programme risks were minimised."

GWH is a part of a vertically integrated group of companies, working side by side with the Hunter Construction Group, which includes Hunter Structural Steel, Hunter Readymixed Concrete, Hunter Precast, Hunter Windows, Hunter Install and Hunter Quarries. In addition, GWH has a preferred partner network with many contractors moving with GWH from project to project.

"The success of GWH is a result of the commitment of the team to building a strong Hunter region community, empowering individuals and businesses to invest, own, live and work in the types of

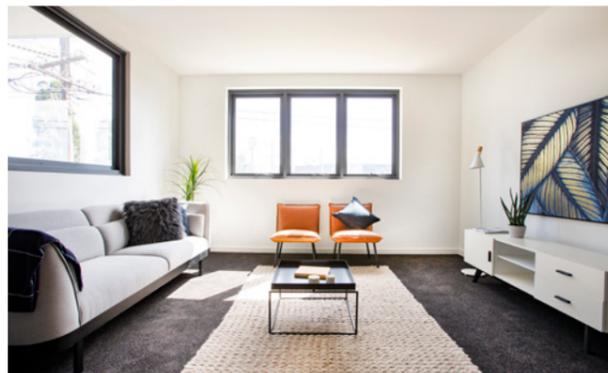
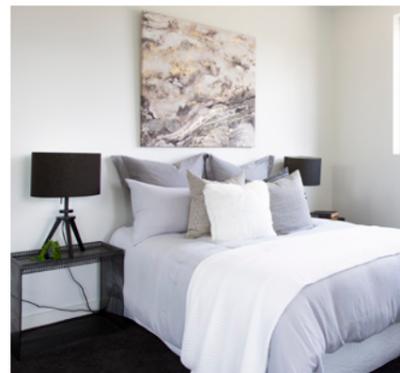
property that are only imagined," Jonathan said. "It is also due to the long standing relationships GWH has built with solid and reputable local companies, ensuring that every GWH project is a quality build."

Thanks to their vertically integrated partnerships and preferred partner network, GWH has the capacity to provide outstanding architectural and structural solutions, control project timings, effectively manage risks, provide firm handover dates and deliver consistently high quality projects across commercial, industrial and residential projects.

GWH continues to expand and grow. Highpoint is GWH's tallest residential tower to date but will soon be overtaken by the completion of their 19-storey SKY Residences in the Newcastle CBD, which will have 180-apartments.

GWH also completes contract builds of commercial, industrial and residential projects. These include the Evolve Housing affordable housing development currently under construction in Newcastle CBD, Tyrepower Lisarow and Karuah's Lionel Morten Oval sporting amenities upgrade for Port Stephens Council.

For more information contact GWH, 770 Hunter Street, Newcastle West NSW 2303, phone 02 4966 3766, email admin@gwh.com.au, website www.gwh.com.au



SETTING THE STANDARD

Wallace Design Group (WDG) is a team of building services professionals specialising in the design of hydraulic (plumbing), fire protection and water/wastewater infrastructure services.

“We started the contract for Highpoint Apartments in early 2017 and spent three months detailing the design and creating working drawings for the plumbing and fire contractors,” explained Director, Shaun Wallace.

“The hydraulic (plumbing) work included the domestic water and gas supply, sewer and stormwater as well as recycling water to landscaped areas. For the fire services we provided documentation for the sprinkler system as a wet fire solution for the building and specified hydrants and hose reels throughout the development. The challenge in the design was coordinating with the other services and working within the structural constraints.”



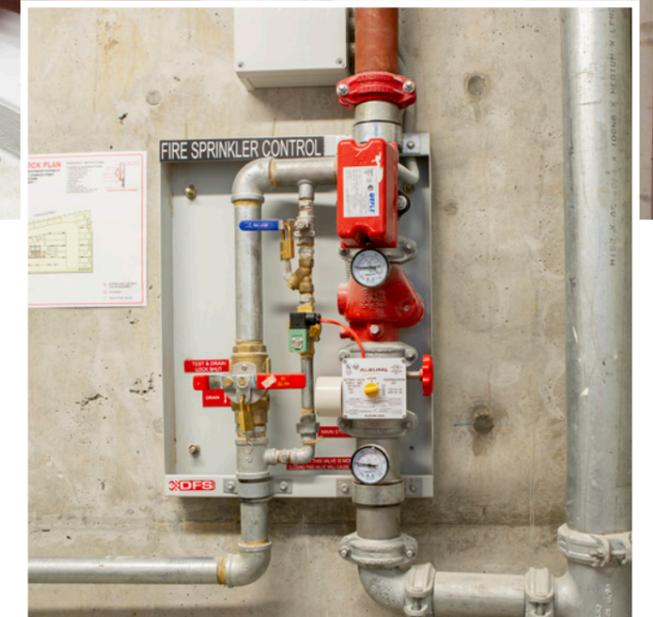
Shaun acquired nine years experience working as a plumber and project manager before establishing his consultancy Wallace Plumbing and Fire Design in 2011, recently rebranded to WDG. They work across a range of sectors including commercial, industrial and defence as well as healthcare and education in Newcastle and the Hunter region through to the Central Coast and Sydney.

“We offer a complete design solution for hydraulic (plumbing), fire protection and water/wastewater infrastructure services and also work with builders to detail ‘Design and Construct’ works,” explained Shaun. “We’re often engaged by plumbing contractors for detailing workshop drawings, providing value engineering such as the project we completed for Woolworths at Cameron Park, detailing the hydraulic (plumbing) and fire protection design for a more efficient and economical use of space.”

“We’ve worked with GWH on a number on projects over the years including Sky Residences in Newcastle, a large scale job where we detailed the hydraulic (plumbing) services for the 189 apartments in the 19-storey tower.”

“We have a good working relationship with GWH and hope to work with them on future projects including their newest developments, Macquarie Tower, a 17-storey mixed use development next door to Highpoint and Darby Plaza in the city.”

For more information contact Wallace Design Group, PO Box 850 Warners Bay NSW 2282, phone 02 4929 4109, email mail@wdgroup.com.au, website www.wdgroup.com.au



DEPENDABLE FIRE SERVICES

Dependable Fire Services (DFS) are experts in the design, installation and commissioning of fire protection systems as well as providing comprehensive inspection, testing and maintenance for existing works.

For Highpoint Apartments DFS carried out the combined hydrant and sprinkler design for the fire protection system working from supplied plans, the engineers report and the New South Wales Fire Authority’s specifications. They then sent shop drawings to fabricators to manufacture the required hardware and were ready to start installation in July 2019.

“We had a team of six install a wet fire sprinkler system to service all 68-units, the common areas and basement carpark. We supplied the fire extinguishers and installed hydrants on every level as well as in each of the two fire stairs and in the basement. We constructed the pump room for connecting boosters to the mains water supply and the fire hydrant booster outside the building for connection by the fire brigade,” as explained by Director of DFS, Darren Finn. “The challenge of the job involved installing the pump room, it was on Level 1 of the building so access was difficult and the space available was tight. We finished the installation by the end of January 2020.”

“Highpoint was an extremely successful project,” added Darren. “GWH are a very well organised and professional company that were

a pleasure to deal with. We’ve started the design detailing of a similar wet fire system for GWH at SKY Residences and the commercial development, Macquarie Towers.”

Established in 2005, DFS works across a range of sectors including shopping centres and retail outlets, hospitals and aged care facilities, industrial and educational complexes. DFS design and install automatic fire protection systems and portable fire protection units.

DFS are also expert at fire suppression systems for special hazardous environments including mining facilities and power stations. In 2017 they completed a large scale project for Integra Coal installing a gas fire suppression system for fire control in electrical rooms.

For more information contact Dependable Fire Services, Unit 3, 26 Tathra Street, West Gosford NSW 2250, phone 02 4322 9225, email info@dependablefire.com.au, website www.dependablefire.com.au



HALTING SMOKE IN ITS TRACKS

Smoke Control are industry leaders in delivering high quality fire and smoke control systems and services. One of their outstanding products is the Smokehalt-V overhead coiling smoke curtain.

The Smokehalt-V, a complex electromechanical system which is designed and manufactured by Smoke Control at their factory in Western Sydney, is tested in accordance with EN12101.1 and BS7346, and available with various performance levels from D30 through to DH120. The system is also power fail safe, requiring no back up power supplies to function when required.

Proudly certified Australian Made, the Smokehalt-V vertical smoke curtain has been installed in the basement of Highpoint Apartments for smoke compartmentation over several elevator openings, to stop smoke migration between floors during a fire event. It is a budget priced smoke curtain system designed to suit smaller openings of up to 8m wide without overlaps, depending on the drop height required.

The flexible properties of a textile curtain allow them to boast the smallest available headbox on the market, which can fit into



a tight ceiling cavity, adapting to suit architectural considerations. The headbox, if not concealed, can be powder coated to any colour within the Dulux Dullaroy range, allowing it to blend seamlessly into its environment. The system is also supplied with a bottom bar cover as standard, maximising value for money and aesthetic finish, and can be supplied with or without side guides.

Smoke Control pride themselves on their end-to-end life cycle service and that a core range of their fire and smoke control products. Their skilled and expert team ensures their clients receive the very best in the design, installation and maintenance of all their products.

For more information contact Smoke Control Systems, 26C Ferndell Street, South Granville NSW 2142, phone 1300 665 471, email info@smokecontrol.com.au, website www.smokecontrol.com.au