

Fast Flow to Provide Complete Rainwater Management for Iconic Jewel Development on the Gold Coast



The first beachfront residential resort to be built on Gold Coast in about 20 years, Jewel, will rise impressively on Queensland Gold Coast. This crystal-inspired geometric design project is currently being developed by Wanda and Ridong. The development includes three faceted towers featuring high-end retail, fine-dining restaurants and residential facilities.

The Fast Flow team provides rainwater management solutions that match with the project's rainwater system requirements. During inception, Fast Flow team worked with our client Beavis and Bartels to design a smart solution of incorporating two hydraulic systems in different areas of Tower Two which consists of Hotel (from level 3 to level 17) and Residential apartment (from level 18 to 46). This allows for improved efficiencies in utility consumption and also to provide different utility usage for the upper tower and lower tower. Each of them works independently. A rainwater harvesting tank is also installed in the building and connected to a detention tank that utilises Primo 150™ to assure the water level remains constant in the tank.

Through close collaboration with Beavis and Bartels, Fast Flow has been able to meet the building's requirements by utilising both of its systems, namely Siphonic System to drain the roof area and Pressurised System to drain the balconies. Fast Flow Systems improve construction time and are significantly more cost effective when compared to gravity system. The gravity system required two number of Ø100mm downpipes in every column to drain each balcony, whilst Fast Flow Pressurised System only requires a single Ø75mm downpipe; saving on installation cost, labour and material.

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Fast Flow Appointed to Design Rainwater Management Solution for Regatta Development on Pantai Mutiara



The Regatta Phase II development with its distinctive design concept of waterfront living, boasting the view of the Java Sea consists of three 24-storey apartment towers; London, New York and Shanghai, each having 186 residential units. The design concept for Regatta is translated into the shape of open sails of sailing ships which depart from the cardinal points of the compass, with the hotel building representing the light house. The design concept is the creation of Tom Wright, a world leading architect who designed Burj Al Arab Hotel—the city of Dubai's world renowned icon.

Fast Flow was tasked to provide design and installation of the Siphonic Systems in this aesthetically appealing project. It was a challenge for Fast Flow system consultants as the building's structure was already completed when it was awarded to Fast Flow in September 2016. Fast Flow utilises its unique design capabilities to come up with a rainwater management solution design that suits the as-built drawings and conditions in order to minimize the hacking works to the existing structure. Each apartment tower is served by a total of 6 Fast Flow Primo™ series, ranging from Primo 50™ to Primo 75™ and 2 of the Ø100mm rainwater downpipes to drain a total roof area of 1,270 square metres.

The Phase II of Regatta development is estimated to be completed in mid-2017. Regatta is acknowledged as one of the world's best apartments and took home the award at FIABCI Prix d' Excellence 2010, one of the most prestigious awards in the international architectural design.

Indonesia Building Technology Expo 2017

Fast Flow is pleased to announce that we will exhibit at Indonesia Building Technology Expo (IndoBuildTech) 2017.

Organised by Debindo and ITE Group, IndoBuildTech 2017 is a not to be missed event dedicated to diverse industry sectors including Building Materials & Equipment, Design & Décor, Ceramics, Bathrooms & Sanitary ware, Plumbing, Heat & Ventilation, Natural Stone & Technologies, and Lighting & Electrics.

The 15th Exhibition of Building and Finishing Materials will be held at Indonesia Convention Exhibition (ICE) from 17th May to 21st May 2017.

For more information and registration form, please visit <http://www.indobuildtech.com/For-Visitors/Get-e-ticket.aspx>



FASTFLOW
...the art of drainage

Fast Flow Group Newly Secured Projects Q1/2017

Australia

- Sydney Light Rail Canopies
- 157 Holt St, Pinkenba
- Stafford Shopping Centre
- Toyota Warehouse Awning
- Tallahassee Boardwalk
- Jewel, Surfers Paradise
- Bunnings, Toowoomba

Indonesia

- Springhill Golf Apartment
- Residence Diamond Golf PIK

Singapore

- Brickland EC at Choa Chu Kang Ave 5
- Boys Complex at Jalan Bahar
- SoilBuild Integrated Construction and Prefabrication Hub (ICPH)
- Capri Hotel at Cross Street

Malaysia

- KLCC Lot 91
- Hospital Kuala Lipis
- Botanica Plentong Johor

Thailand

- Central Mahachai
- Siamese Blossom Fashion 2
- Mae Sot Airport
- Neo Warehouse, Pathumthani



Project name: Sydney Light Rail Canopies
Catchment area: 4,600 sqm



Project name: Jewel
Catchment area: 2,250 sqm



Project name: Tallahassee Boardwalk
Catchment area: 1,177 sqm

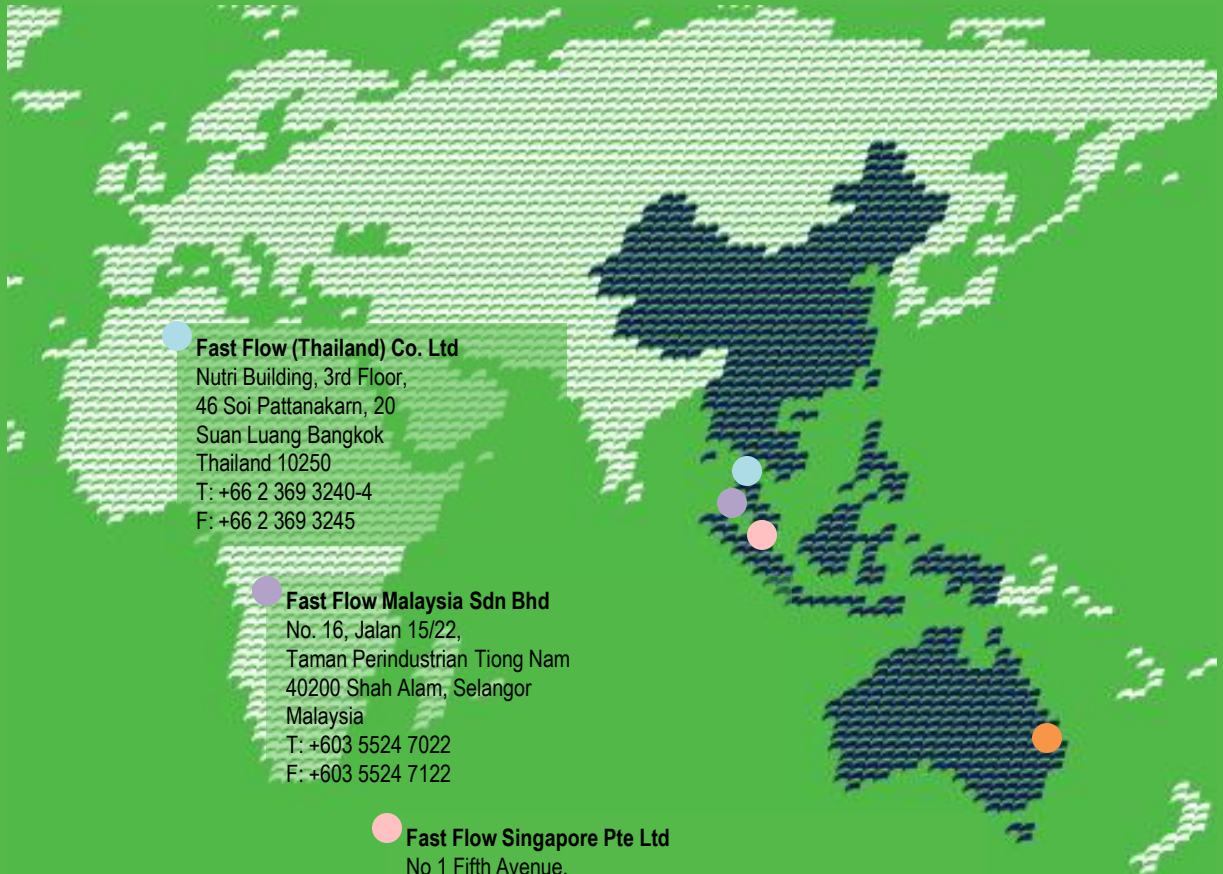


Project name: KLCC Lot 91
Catchment area: 6,500 sqm



Project name: Kuala Lipis Hospital
Catchment area: 3,200 sqm





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