

SILVER

Hip Hing Engineering Co., Ltd.



INTRODUCTION OF ORGANISATION

Founded in 1964, Hip Hing Engineering Co., Ltd. undertakes the design and construction of building and civil engineering works for public sector clients, and it is one of the members of Hip Hing Construction Group (“Hip Hing”). Over the past decades, Hip Hing has grown to become one of the leading contractors in Hong Kong, and has been trusted by our clients to construct many of the landmark buildings which define Hong Kong. Our experience and expertise in the design, procurement, engineering and construction disciplines enables us to provide comprehensive project delivery services.

THREE WINNING FACTS

The Process-improvement Approach

Our process-improvement approach aims to revamp the project delivery process, and digital technologies can make a positive difference. By first identifying operational changes that will improve performance, digital use cases can then facilitate those operational changes. To ensure digitalisation is implemented successfully, policies and guidelines are delivered to each level of staff to ensure they share our vision and are motivated to learn advanced technology. Our self-developed BIM Automation Tools enable fast and accurate checking to ensure compliance with statutory requirements in mass drawing production.

KTSP – a showcase for Smart Construction

Kai Tak Sports Park (KTSP) showcases Hip Hing’s pioneering approach to digitalisation. We have invested heavily in Smart Construction to ensure we deliver a sustainable world-class sports precinct for Hong Kong. A dedicated 5G network serves the 28-hectare site, empowering real-time collaboration between thousands of site personnel; enabling huge amounts of data to be transmitted 20 times faster than 4G. The network optimises BIM and 5G-powered applications, exponentially boosting work accuracy and productivity, saving time and cost.

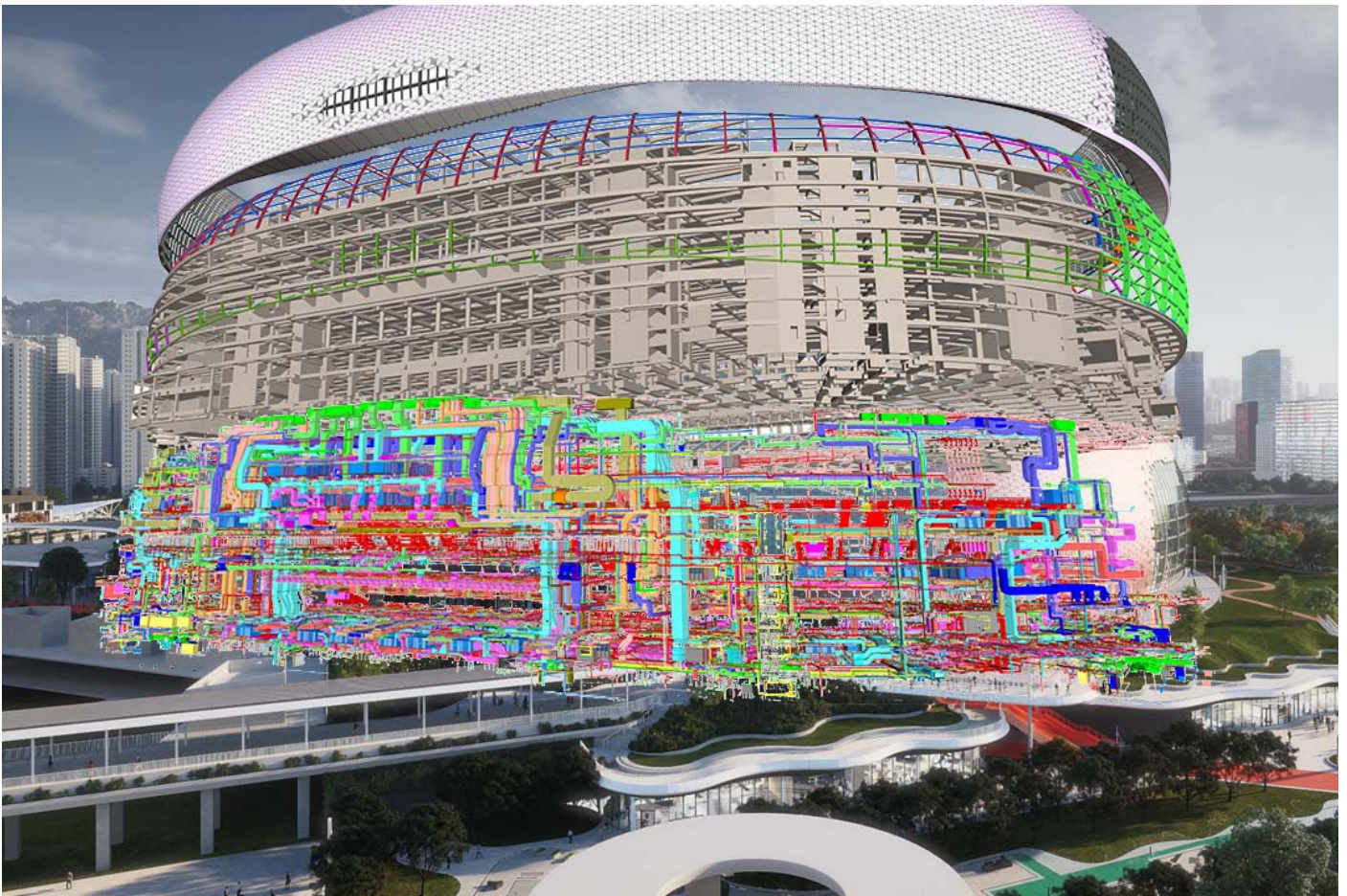
A strong professional BIM team

Hip Hing is committed to promoting BIM excellence and technology. We share our practical experiences with our clients, professional associations; and educational institutions.

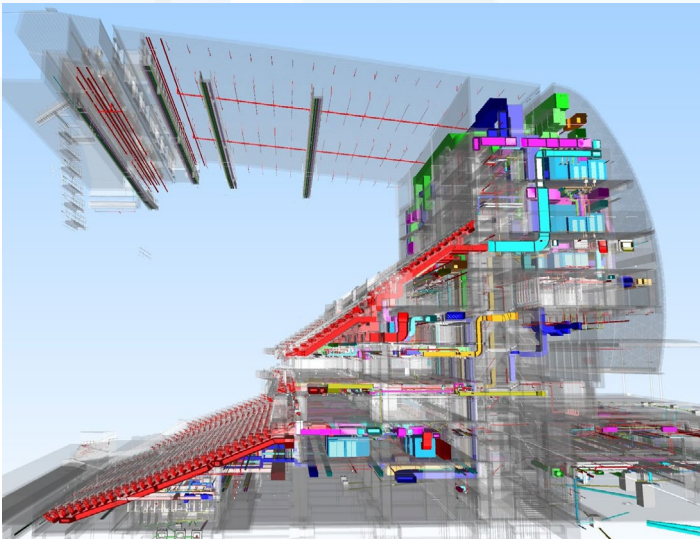
The expertise of our BIM team has been recognised by the industry. KTSP was a finalist of Autodesk Inc’s Architecture, Engineering and Construction Excellence Awards 2020; awarded the BIM Achievement Award 2020 by CIC and was one of three Hip Hing winning projects at the Autodesk Hong Kong BIM Awards 2020. Individually, Derek So (2014) and Billy Wong (2020) received the prestigious CIC BIMER of the Year Award.



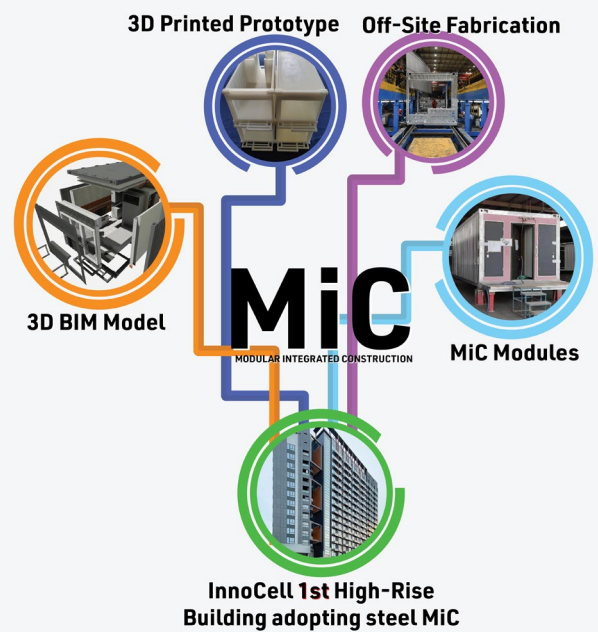
The Process-improvement Approach



Kai Tak Sports Park is the most important investment of the Government in sports infrastructure in recent decades



Partial cross-sectional view of the Main Stadium of Kai Tak Sports Park



InnoCell - Hong Kong's first high-rise building using Modular Integrated Construction (MiC) technology