

Industry Practitioners Category Young Practitioner

Outstanding Award

CHAN Hiu-fung



L2 Contract for Lyric Theatre Complex and Extended Basement Project for the WKCD A

This project is about a centre of excellence showcasing the best of Hong Kong and international dance and theatre which is 1st construction and engineering company in Greater China with approved carbon reduction targets in line with the Science Based Targets initiative (SBTi).

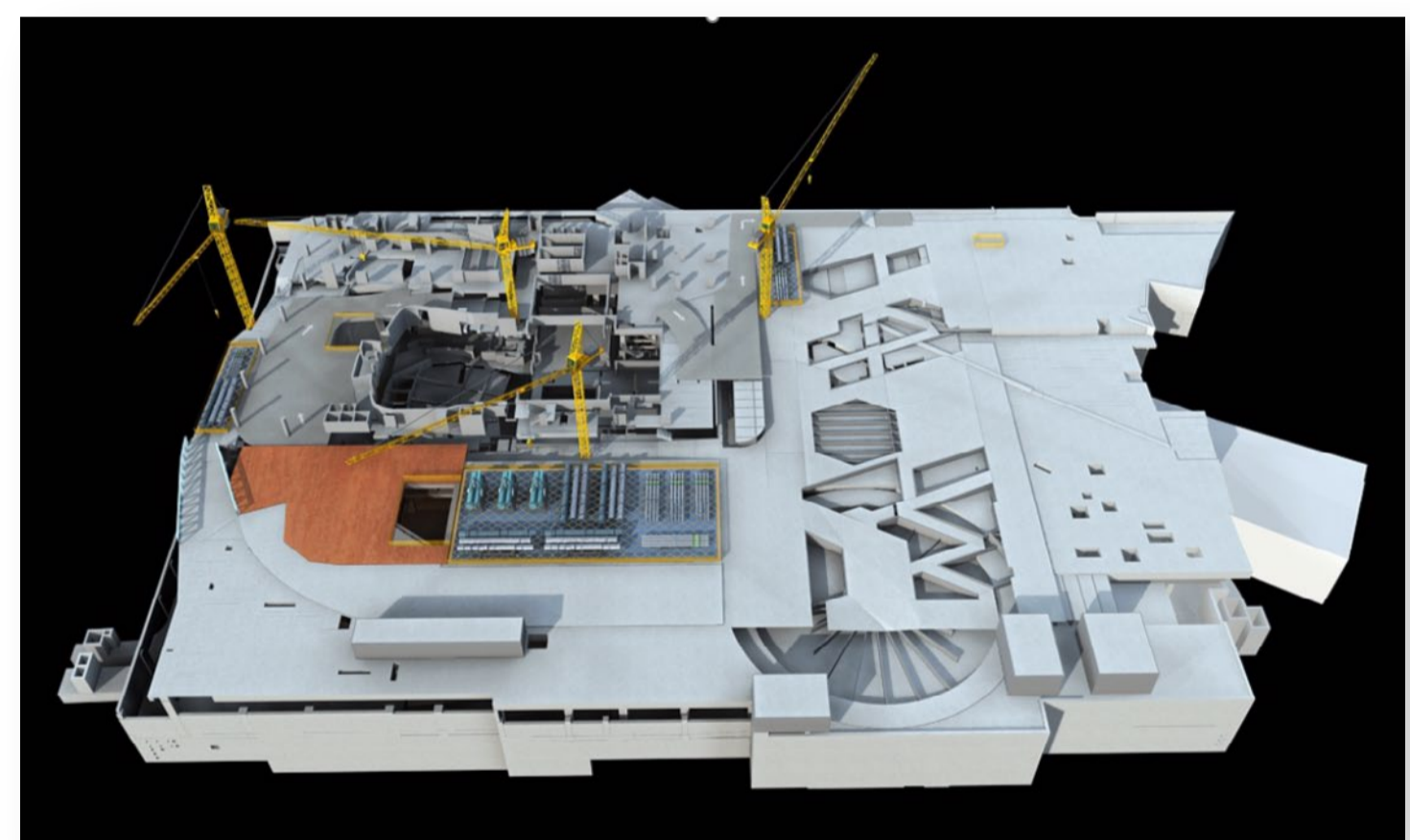
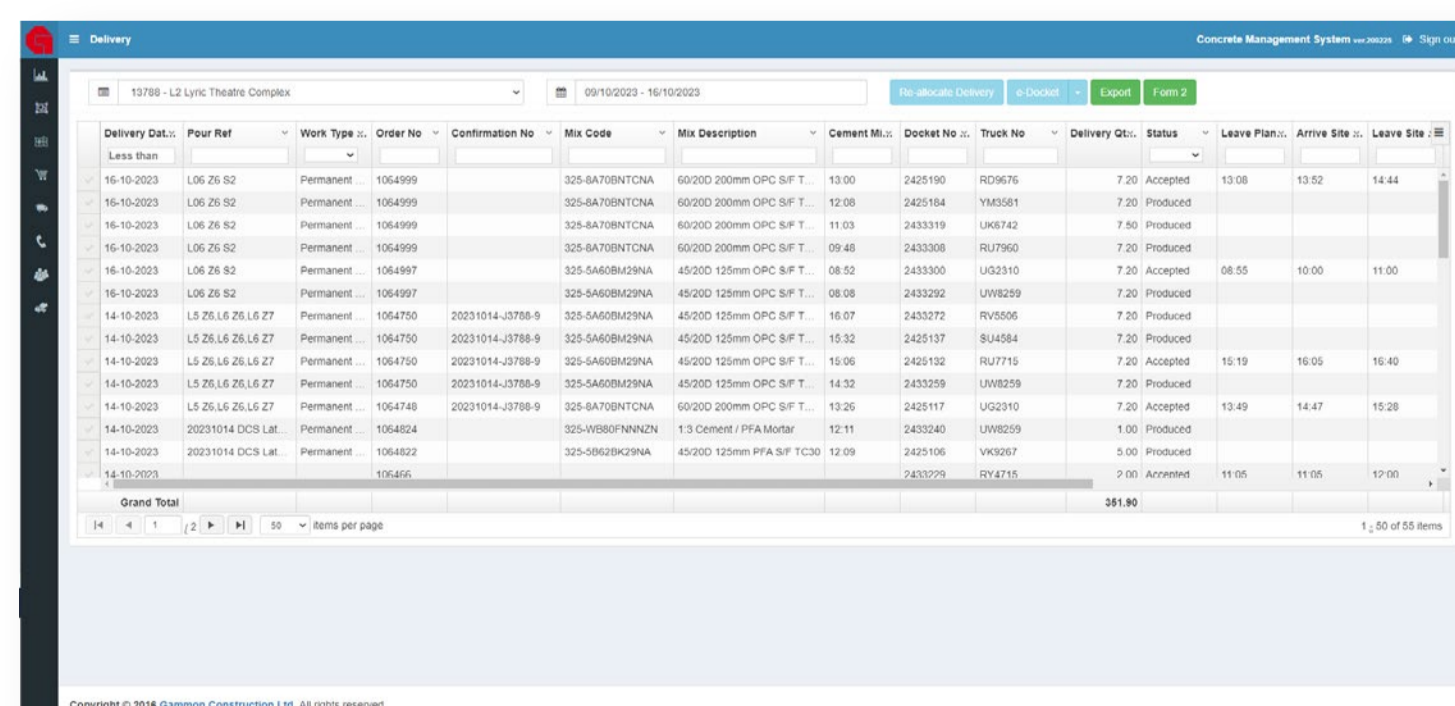
This project was constructed with Design for Manufacturing and Assembly (DfMA), Modular Integrated Construction (MiC), Inspecto and Gambot system to achieve the aims of sustainable construction.

Sustainable Best Practice 1

Reduction of plastic using and manufacturing industrial waste, such as the rejection of using void former to fill 'dead void locations'. On the site, about 60% of the dead void locations were constructed with timber and plywood to use less styrofoam void former.

Sustainable Best Practice 2

Actively promote the application of innovative technologies and assist industry transformation and innovation. Use the current 3D technology "BIM Model" to calculate the quantity of concrete ordered each time, starting from the source and reducing the amount of loss.

Delivery Date	Pour Ref	Work Type	Order No	Continuation No	Mix Code	Mix Description	Cement M3	Discret No	Truck No	Delivery QTY	Status	Leave Plant	Arrive Site	Leave Site	
16-10-2023	L05 25.02	Permanent	1564889		S25-SAKTBYTCHN	40000 200mm OPC SF T	13.00	1405160	402676	7.00	Approved	13.00	13.02	12.44	
16-10-2023	L05 25.02	Permanent	1564890		S25-SAKTBYTCHN	40000 200mm OPC SF T	12.00	1405164	1465081	7.00	Produced				
16-10-2023	L05 25.02	Permanent	1564891		S25-SAKTBYTCHN	40000 200mm OPC SF T	11.00	1405170	1465142	7.00	Produced				
16-10-2023	L05 25.02	Permanent	1564892		S25-SAKTBYTCHN	40000 200mm OPC SF T	10.00	1405166	1465162	7.00	Produced				
16-10-2023	L05 25.02	Permanent	1564897		S25-SAKTBYTCHN	40000 120mm OPC SF T	10.00	1405202	1465229	7.00	Produced	09.00	09.00	10.00	
14-10-2023	L1 20.10 20.10 27	Permanent	1564700	20231014-0788-0	S25-SAKTBYTCHN	40000 120mm OPC SF T	10.00	1405270	1465260	7.00	Produced				
14-10-2023	L1 20.10 20.10 27	Permanent	1564700	20231014-0788-0	S25-SAKTBYTCHN	40000 120mm OPC SF T	10.00	1405187	1465184	7.00	Produced				
14-10-2023	L1 20.10 20.10 27	Permanent	1564700	20231014-0788-0	S25-SAKTBYTCHN	40000 120mm OPC SF T	10.00	1405182	1465170	7.00	Approved	10.10	10.00	10.40	
14-10-2023	L1 20.10 20.10 27	Permanent	1564700	20231014-0788-0	S25-SAKTBYTCHN	40000 120mm OPC SF T	14.00	1405209	1465209	7.00	Produced				
14-10-2023	L1 20.10 20.10 27	Permanent	1564700	20231014-0788-0	S25-SAKTBYTCHN	40000 200mm OPC SF T	10.00	1405187	1465170	7.00	Approved	10.10	10.07	10.00	
14-10-2023	20231014 DCC L&E	Permanent	1564824		S25-SAKTBYTCHN	1.5 Concrete / PFA Sludge	12.11	1405240	1465230	5.00	Produced				
14-10-2023	20231014 DCC L&E	Permanent	1564822		S25-SAKTBYTCHN	40000 120mm PFA SF T100	12.00	1405106	1465207	7.00	Approved	11.00	11.00	10.00	
14-10-2023			1564820					1405105	1465205						
Grand Total											281.90				1,100.00 Items

Sustainable Best Practice 3

By using the concrete management system (CMS) developed by the company, you can quickly order for actual usage. During concrete pouring, the CMS will be used on-site to monitor the concrete delivery status in real time, accurately predicting the time required and effectively controlling the process to be completed within the specified time.