

Foundation for Public Housing Development at Pik Wan Road, Site A and Site B 碧雲道地盤甲及地盤乙的公營 房屋發展計劃的地基工程 (HKHA Contract No. 20220438)

Design for Safety 建築設計安全

#### Project Particulars 項目工程細節

Contract Title 合約名稱	Foundation for Housing Development at Pik Wan Road Site A and Site B 碧雲道地盤甲及地盤乙的公營房屋發展計劃的地基工程
Client 業主	香港房屋委員會 Hong Kong Housing Authority
Commencement Date 工程開始日期	31 March 2023
Original Contract Period 原合約期	27 February 2025
Extended Completion Date 修定合約期	12 July 2025

28 months

Project Duration Elapse 項目進行時間

0

Reportable Accident 呈報意外

0

Dangerous Occurrence 危險事故

0

AIR per 1,000 Workers 千人意外率

**757,000 hrs** 

2024 Cumulative Man-hours 2024年總工時

1,450,000 hrs

Cumulative Accident-Free Man-Hours 項目總工時 (As at July 2025 截至2025年7月)

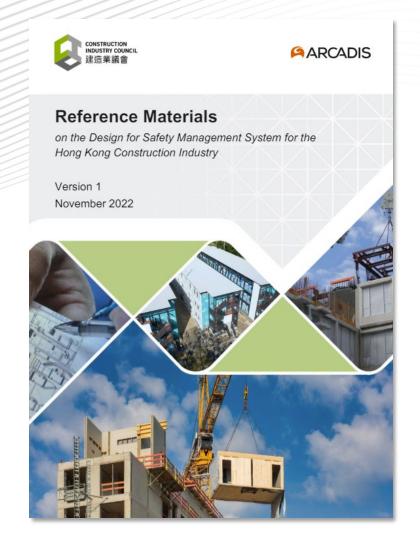
#### Site Overview 地盤位置圖

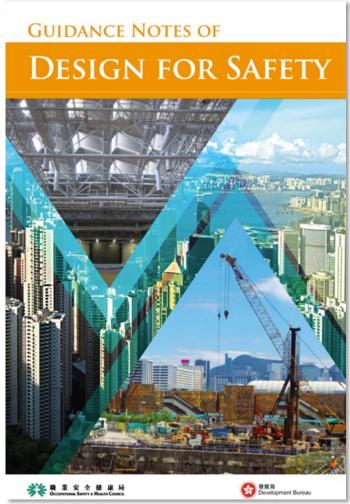


#### Scope of Works 工程範圍



## Design of Safety 建築設計安全







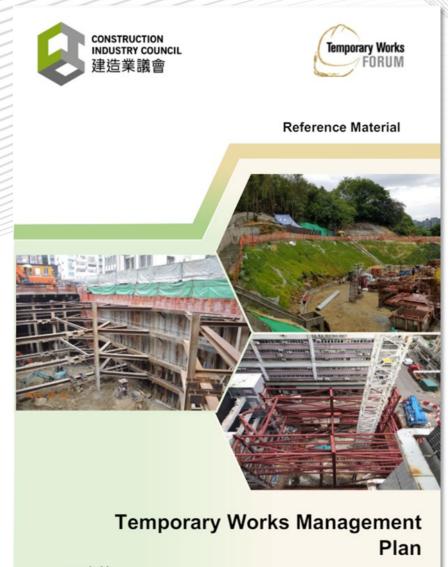
Hong Kong Housing Authority

PICTORIAL GUIDE TO Planning and Design for Safety

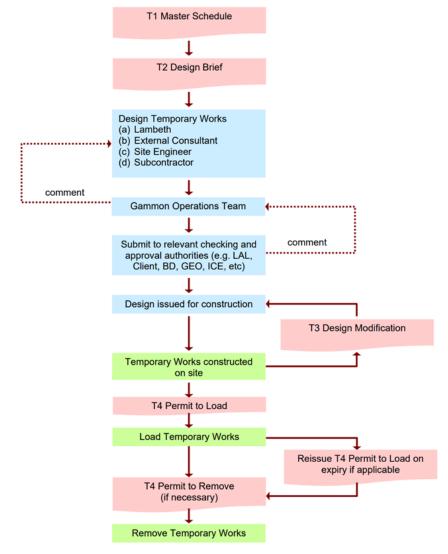
**2017 SECOND EDITION** 

# Temporary Works Management 臨時工程管理

March 2023



www.cic.hk www.twforum.org.hk







# Design for Site Access and Working Area 通道與工程設計





Designated Loading and Unloading Area 指定裝卸區及調頭區



Install Crane Kicker near the Retaining Wall 在擋土牆附近的起重機安裝阻擋設備



Install Metal Bar for Water Barriers on the Slope 在斜坡上的水碼安裝金屬桿





Safety Pedestrian Walkway on the Slope 於斜坡建立安全行人通道



Using Wheel Stoppers for Vehicles 使用車用輪擋



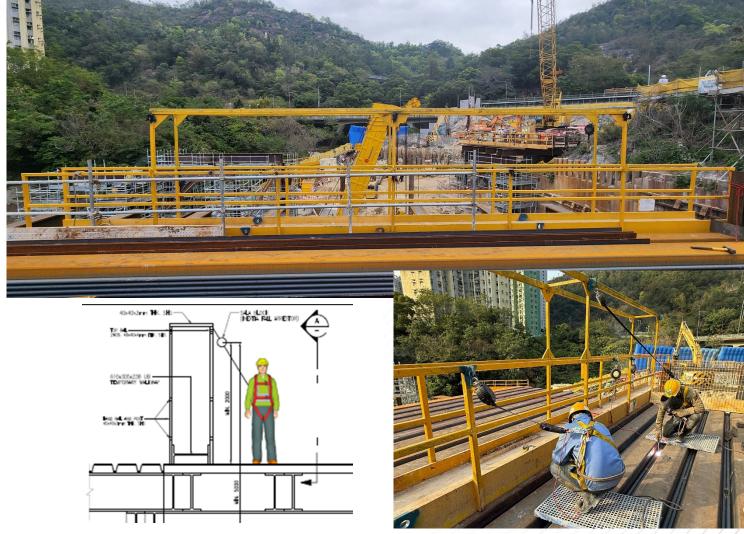
Set up Speed Bump 減速帶

## Safety Design for ELS Works 挖掘及安裝支撐的安全設計

Tailor-made fall arrest system 度身定制防墮安全系統



Scaffold Working Platform for Assembly of Steel Platform 金屬棚架工作平台組裝大型臨時鐵台



## Safety Design for Piling Works 樁柱工程的安全設計

# Piling Works 椿柱工程



RCD Chute 反循環鑽機滑槽



Portable Welding Ventilator 便攜式焊接抽風機



Rotator Ring Guard 磨樁機防墮環



Welding Support 燒焊支架

## Digital Technology 應用科技 – 4S Applications 安全智慧工地應用





Mobile Plant Collision Warning System 機械防撞系統



Al Camera 人工智能鏡頭

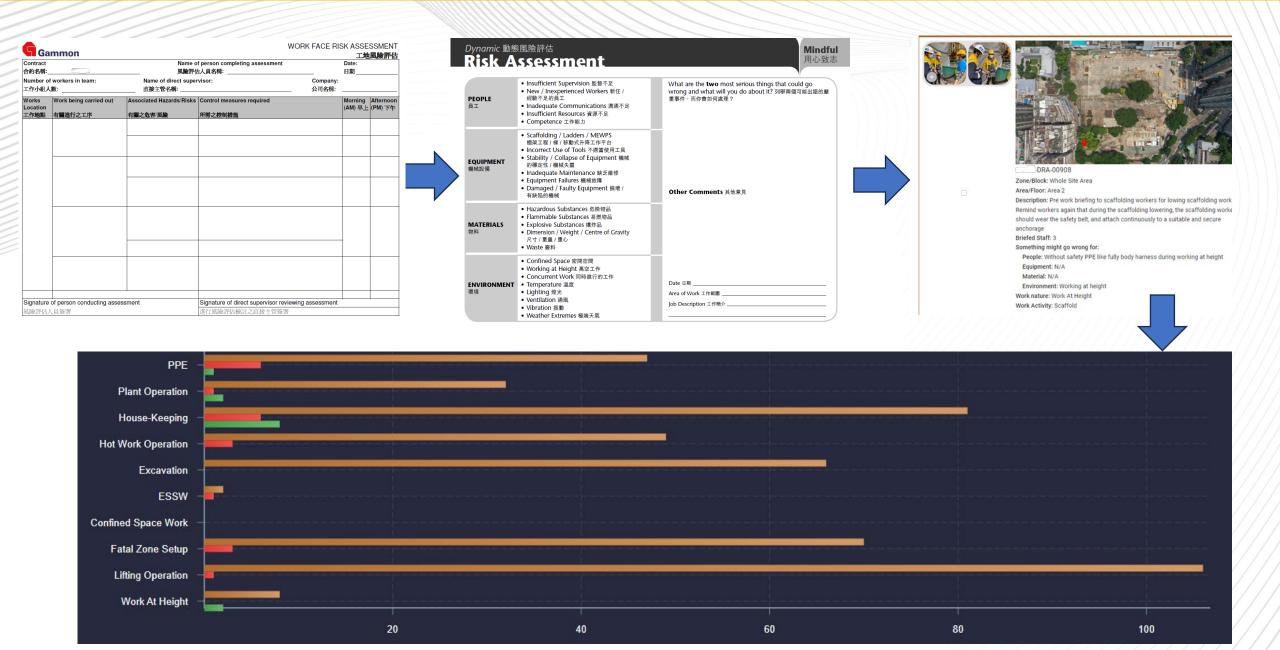


Digital Permit-to-Work 電子許可工作系統



VR Safety Training 虛擬實境訓練

#### Dynamic Risk Assessment 動態風險評估



# Thank you

