



ASIA ENGINEERING (HK) LIMITED 亞洲工程管理有限公司

樓宇 | 土木 | 土力 | 結構 | 環保 | 工程顧問

Building | Civil | Geotechnical | Structural | Environmental Engineering Consultant

PROFESSIONAL ENGINEERING CONSULTANT FOR SUSTAINABLE DEVELOPMENT

專業工程顧問

可持續發展



Geotechnical Engineering

岩土工程



Building & Structural Engineering

樓宇及結構工程



Civil Engineering 土木工程



Environmental Engineering 環保工程



AP, RSE & RGE Services 認可人士、
註冊結構工程師、註冊岩土工程師服務



Expert Witness
專家證人

Company Profile 公司簡介



SCOPE OF CONSULTANCY SERVICES

Asia Engineering (HK) Limited is a Building, Civil, Geotechnical, Structural & Environmental Engineering Consultant, with scope of service including Design & Build. Our teams have experienced architects, interior designers, civil, structural, geotechnical, environmental, as & energy engineers, and geologists, with Authorised Person (AP), Registered Structural Engineers (RSE), Registered Geotechnical Engineer (RGE), and Registered Inspector (RI).

顧問服務範圍

亞洲工程管理有限公司 是一間 樓宇、土木、岩土、結構 及環保工程顧問，服務包括 設計與建造。我們團隊都有多年經驗之建築師、室內設計師、土木、結構、岩土、環保、及能源工程師、地質專家，及認可人士、註冊結構工程師、註冊岩土工程師、及註冊檢驗人員。

We are the **Hong Kong Government Development Bureau Engineering Consultant** in:

1. Civil Infrastructure & Development
2. Drainage & Sewerage
3. Geotechnical & Slope
4. Roads & Associated Structures
5. Environmental
6. Traffic & Transportation

我們是香港政府發展局的工程顧問:

1. 土木基建及發展
2. 渠務及污水
3. 岩土及斜坡
4. 道路及相關結構
5. 環保
6. 交通及運輸

GEOTECHNICAL ENGINEERING & GEOLOGICAL CONSULTANT 岩土工程 及 地質專家顧問

- Rock Mapping, Boulder Survey
- Natural Terrain Hazard Study (NTHS)
- Slope Stability & Inspection

- 地質勘察、孤石安全評估
- 天然山坡災害評估
- 斜坡鞏固及檢查

BUILDING & STRUCTURAL ENGINEERING

- Buildings A&A and Maintenance
- Foundation, ELS & Structures

樓宇及結構工程

- 樓宇加建改建、維修
- 地基、挖撐及結構

CIVIL ENGINEERING, INFRASTRUCTURE & RAILWAY

- Railway, Roads & Drainage
- Temporary Work Design
- Underground Works & Tunnels

土木工程、基建及鐵路工程

- 鐵路、道路及渠務
- 臨時工程設計
- 地下工程及隧道

ENVIRONMENTAL ENGINEERING

- Environment, Social & Governance Report
- Sustainability

環保工程

- 環境、社會及管治報告
- 可持續發展

AP/RSE/RGE/RI SERVICES

認可人士、註冊結構工程師、註冊岩土工程師、註冊檢驗人員服務

- Submission under Buildings Ordinance
- Demolition, Foundation, Superstructure & Facade
- Licensing & Compliance Certification

- 建築物條例下之入則
- 拆卸、地基、上蓋及幕牆
- 牌照及合規証明

EXPERT WITNESS

- Construction Disputes
- Engineering Related Claims & Compensations

專家証人

- 建築糾紛
- 工程及工傷引起索賠



“我們的使命是以專業及積極的態度來提供快捷有效和降低成本的方案，從而達至雙贏。

Our mission is to serve cost effective and prompt solution for win-win situations in a professional and proactive manner.”

— 吳惠明工程師 Ir Ng Wai Ming Patrick
董事 Director



MBA, FHKIE, Registered Geotechnical Engineer
工商管理碩士，香港工程師學會資深會員，註冊岩土工程師

RPE (Civil, Building, Geotechnical, Environmental)

註冊專業工程師（土木，樓宇，岩土，環保）

Authorised Signatory of RGBC

獲授權簽署人

RSC (Demolition, GI, Foundation & Site Formation)

註冊一般建築承建商，註冊專業承建商（拆卸，地基，探土，地盤平整工程）

Vision : As the expert in the engineering sector.

願景 : 作為工程界專家

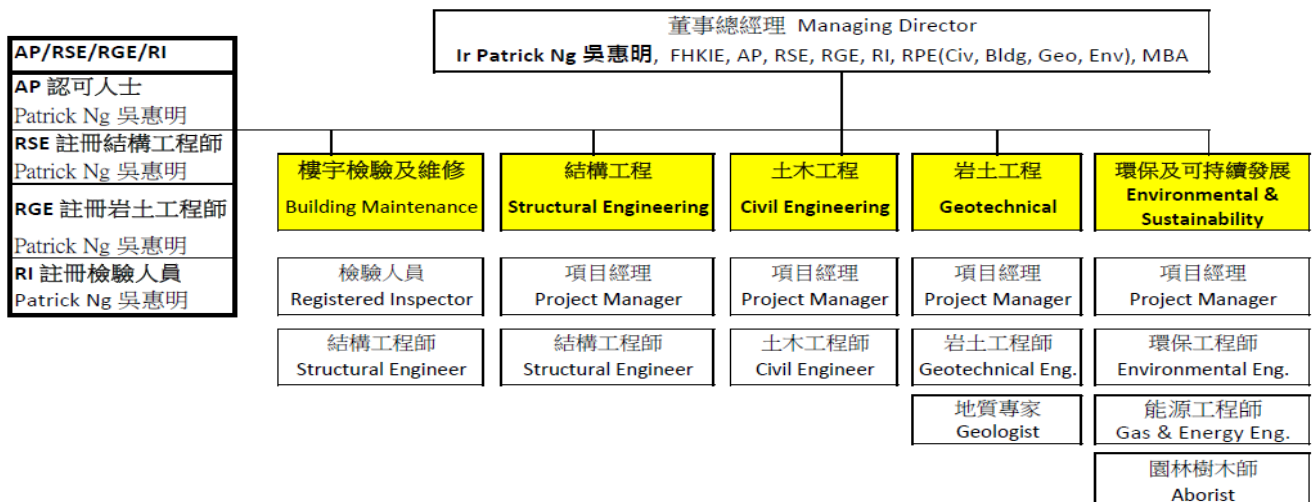
Core Value : Passion, Professionalism, Proactive.

核心價值 : 熱誠、專業、主動積極

Mission: To provide cost effective solution including Design & Build for win-win situations.

使命 : 提供有效及能降低成本方案包括“設計與建造”以達致雙贏

Company Organisation 公司架構



ISO 9001 : 2015 in building, civil, environmental, geotechnical, structural engineering consultancy services
ISO 9001 : 2015 品質認證：樓宇、土木、環保、岩土及結構工程顧問服務



THE MANAGEMENT 公司管理層

Managing Director – Ir Patrick Ng

B.Sc. in Civil Engineering, University of Manchester, UK
MBA, University of Newcastle, Australia
Fellow, Hong Kong Institution of Engineers (FHKIE)
Member, Hong Kong Institute of Directors
RPE (Civil, Building, Geotechnical, Environmental)
Certified Insurance Professional (CIP)
Senior Associate, Australia & NZ Institute of Insurance & Finance

董事總經理 - 吳惠明 工程師

英國曼徹斯特大學土木工程學士
澳洲紐卡索大學工商管理碩士
香港工程師學會資深會員
香港董事學會會員
註冊專業工程師 (土木、樓宇、岩土、環保)
認可保險專業人員
澳大利亞及新西蘭保險與金融學會資深聯盟會員

Statutory agent under the Buildings Ordinance:

Authorised Person (AP)
Registered Structural Engineer (RSE)
Registered Geotechnical Engineer (RGE)
Registered Inspector (RI)

Authorised Signatory for Registered General Building Contractor
Authorised Signatory for Registered Contractor (Demolition)
Authorised Signatory for Registered Contractor (Foundation)
Authorised Signatory for Registered Contractor (GI)
Authorised Signatory for Registered Contractor (Site Formation)

建築物條例下之法定人員

認可人士
註冊結構工程師
註冊岩土工程師
註冊檢驗人員

註冊一般建築承建商 獲授權簽署人
註冊專業承建商 (拆卸) 獲授權簽署人
註冊專業承建商 (地基) 獲授權簽署人
註冊專業承建商 (探土) 獲授權簽署人
註冊專業承建商 (地盤平整) 獲授權簽署人

Experience:

Has 40 years' experience in building, civil, geotechnical & environmental projects. Worked in HK Government, MTR, clients, consultants, contractors and Australia. Projects included Sha Tin New Town, land development, waste management, Airport, Airport Railway, KCR Tsim Sha Tsui Extension, tunnels, EIA, sustainability design, green buildings, demolition, foundations; & Expert Witness

經驗:

有 40 年在樓宇、土木、岩土和環保工程經驗。曾任職香港政府、地鐵、業主、顧問、承建商及澳洲。項目包括沙田新市填發展、土地開發、廢物理、機場、機場鐵路、九鐵尖沙咀支線、隧道、環境評估、可持續發展設計、綠色建築、拆卸、地基等、及專家証人。

Public Services:

Appeal Tribunal, Buildings Ordinance
Authorised Persons', Reg. Structural Engineers' & Reg. Geotechnical Engineers' Disciplinary Board Panel
Former Buildings Energy Auditor Disciplinary Panel Board
Former Council Member of HK Institution of Engineers (HKIE)
Former Chairman of Environmental Division, HKIE
Former Chairman of Public Relations Committee, HKIE
Former Member, AP/RSE/RGE Committee, HKIE
Former Election Committee Member of the HKSAR
Election Committee Member of the National People's Congress
Adviser of Guangdong Province Engineering Exploration & Design Association, People's Republic of China
Former China Political Consultative Committee Member – Nanning

社會服務:

上訴審裁小組 <<建築物條例>>
認可人士、註冊結構工程師及註冊岩土工程師 紀律委員會
環境局建築物能源效益評核人紀律委員會前成員
香港工程師學會 前理事
香港工程師學會 公共關係委員會前主席
香港工程師學會 環保分部前主席
香港工程師學會 AP/RSE/RGE 委員會前委員
香港特別行政區選舉委員會前委員
全國人民代表大會香港特區選舉委員會委員
廣東省工程勘察設計行業協會顧問
廣西省南寧市政治協商會議前委員

Director – Ir Chan Lok Heng, Logan

Member, Institution of Civil Engineer
Member, Hong Kong Institution of Engineers
Registered Professional Engineer (Civil)

董事 - 陳樂珩 工程師

英國土木工程師學會會員
香港工程師學會會員
註冊專業工程師 (土木)



亞洲工程管理有限公司
ASIA ENGINEERING (HK) LIMITED

THE MANAGEMENT 公司管理層

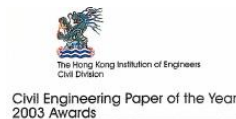
Public Relations 工程公共關係



AWARD 獎項

Hong Kong Institution of Engineers
Civil Engineering Paper Award
1st Prize and 3rd Prize (2003)

香港工程師學會
土木工程文章
第一獎及第三獎



Civil Engineering Paper of the Year
2003 Awards

**First
PRIZE**

For the paper entitled:
Planning, Design and Construction of KCRC
Tsim Sha Tsui Railway Extension Tunnels
authors:
Ir Patrick NG, Ir Julian HILL & Ir S S KONG

Ir Patrick NG
Chairman, CEPA Organising Committee



Civil Engineering Paper of the Year
2003 Awards

**Third
PRIZE**

For the paper entitled:
KCRC Hung Hom Station,
Planning, Design and Construction
authors:
Ir Patrick NG, Ir Reuben CHU & Ir Peter KWAN

Ir Patrick NG
Chairman, CEPA Organising Committee



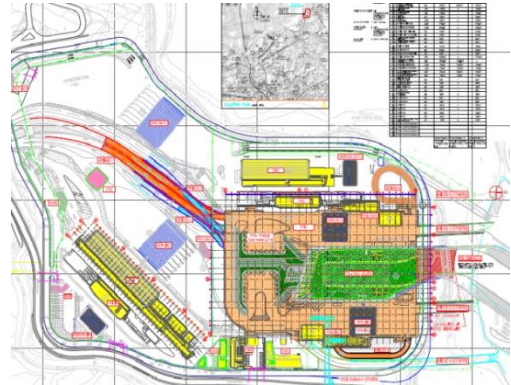
Civil Engineering – Infrastructure 土木工程 - 基建項目

Architectural Services Department Contract No. SSC505 – Construction of Liantang/Heung Yuen Wai Boundary Crossing Point (BCP) – BCP Buildings and Associated Facilities
建築署 合約編號 SSC505 – 建造蓮塘／香園圍口岸 – 口岸建築及相關設施

Client: Leighton Contractors (Asia) Ltd 業主：禮頓建築(亞洲) 有限公司

Scope: Tender Design Support 投標設計支援服務

Tender Successful – Contract Sum \$7.11 Billion 投標成功 - 合約額 \$71 億 1 千萬



BCP Facilities include Passenger Terminal Building, HKPF Operational Base, Fire Station / Drill Tower, Cargo Examination Building, Fixed X-Ray Vehicular Inspection Scanning System Building, Vehicular Bridges.

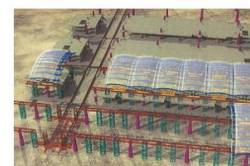
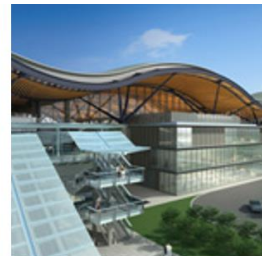
Hong Kong- Zhuhai – Macao Bridge, Hong Kong Boundary Crossing Facilities (HKBCF)
Highways Department Contract No. HY/2013/01 – Passenger Clearance Building (PCB)

港珠澳大橋 香港口岸 路政署 合約編號：HY/2013/01 - 旅檢大樓

Client: Leighton – Chun Wo Joint Venture 業主：禮頓 - 俊和聯營

Scope: Tender Support Service 投標支援服務

Tender Successful – Contract Sum \$8.4 Billion 投標成功 - 合約額 \$84 億



The tender involves construction of Passenger Clearance Building, drop off deck / area, footbridges, and district cooling system, etc. for HKBCF. Flight path height restriction constraint use of major cranes. 投標包括興建港珠澳大橋香港口岸的旅檢大樓、高架及地面落客區、行人天橋以及區域性冷卻系統等。因在機場跑道旁之高度限制令不能採用大型吊運。

Civil Engineering - Infrastructure 土木工程 - 基建項目

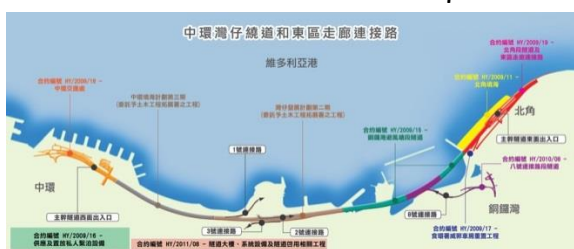
Central – Wanchai Bypass: Highways Dept Contract No. HY/2011/08 – Tunnel Buildings, Systems and Fittings and Works Associated with Tunnel Commissioning

中環灣仔繞道：路政署合約編號：HY/2011/08 – 隧道大樓、安裝隧道電機工程、交通管制和監察系統、以及隧道啟用相關工程

Client: Leighton Contractors (Asia) Ltd 業主：禮頓建築(亞洲) 有限公司

Scope: Tender Design Support Service 投標設計支援服務

Tender Successful – Contract Sum \$3.18 Billion 投標成功 - 合約額 \$31 億 8 千萬



Tender involves construction of Tunnel Ventilation Buildings and Vent Shaft, tunnel electrical and mechanical works, traffic control and surveillance system, tunnel cladding works

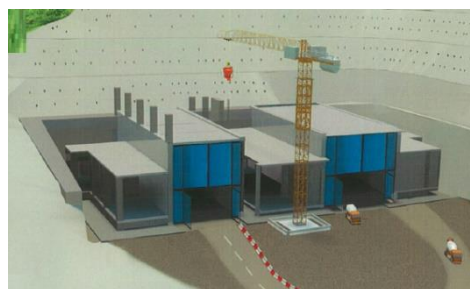
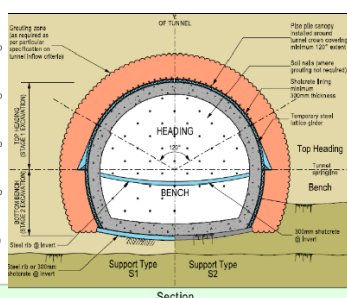
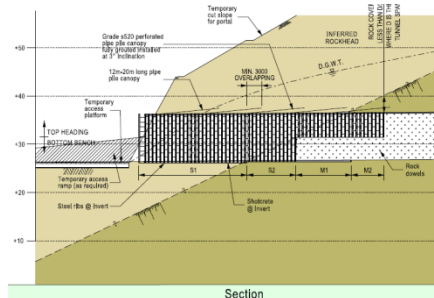
投標包括興建隧道通風大樓及排風口,道路網絡隧道電機工程,交通管制及監察系統,興建隧道面板工程。

CEDD Contract No. CV/2013/08 – Liantang / Heung Yeun Wai Boundary Crossing Point, Site Formation and Infrastructure Works (Contract 6)

土木工程拓展署合約編號 CV/2013/08 蓮塘/香園圍口岸土地平整及基礎建設工程(合約 6)

Client: Leighton Contractors (Asia) Ltd 業主：禮頓建築(亞洲) 有限公司

Scope: Tender Design Support Service 投標設計支援服務



The tender involves works including construction of a dual two-lane trunk road (with about 0.4km of at-grade road and 4.8km of tunnel) connecting the Fanling Interchange with the Sha Tau Kok Interchange, tunnel administration building and ventilation buildings, provision and installation of ventilation system, E&M works and building services, associated landscaping works, drainage / sewerage, waterworks, utilities and traffic engineering works.

工程包括興建一條雙程雙線分隔主幹道〔包括 0.4 公里地面道路及 4.8 公里行車隧道〕連接沙頭角交匯處及粉嶺交匯處，建設隧道行政大樓和通風大樓、通風系統、機電工程及屋宇設備、建設相關的斜坡、護土結構物、渠務、水務、環境美化、公共設施工程及其他附屬程。



Civil Engineering – Railway 土木工程 - 鐵路項目

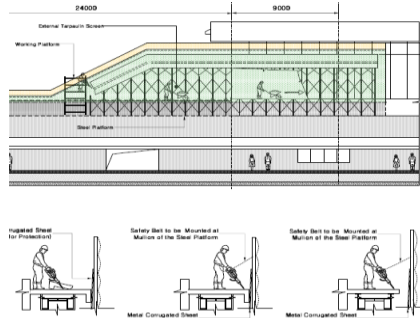
MTR Contract K0109-11C Station Commercial and Improvement Works at Fo Tan Station

港鐵合約編號 K0109-11C 火炭火車站商業及改善工程

Client: Chun Wo Construction and Engineering Co. Ltd 業主：俊和建築工程有限公司

Scope: Independent Checking Engineers, RSE and Temporary Works Coordinator Services

獨立檢測工程師、註冊結構工程師及臨時工程統籌員服務



The project involves construction of demolition and A&A works of the Station buildings, escalators, and New Concourse connecting the Northern Concourse and Southern Concourse with steel structure and a skylight, and new commercial areas, under stringent safety requirements, with no impact to the live operating of the railway operation and service.

工程包括興建拆卸及改建車站、電梯、新車站大堂連接南北大堂、鋼結構及天幕和新商業面積。要在很嚴謹的安全要求下進行，並對火車運作及服務不受影響。

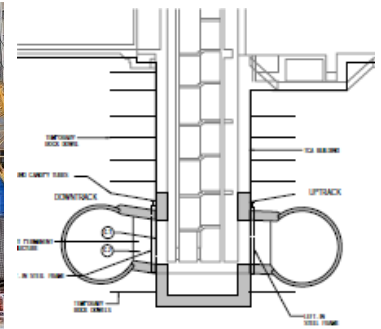
MTR Contract 1201 Tung Chung West Station and Tunnels

港鐵合約編號 1201 東涌西站及隧道

Client: Bouygues - Dragages JV / Aecom 業主：布依格-寶嘉聯營 / Aecom

Scope: Registered Structural Engineer Services

項目註冊結構工程師 服務



Design & Build contract of a MTR underground station and TBM tunnels, with an 1.3 km extension from Tung Chung Station to near Yat Tung Estate. The project involves diaphragm walls, TBM launching shafts, precast tunnel lining segments.

設計與建造合約建一個地下鐵路站及隧道，由東涌站西延 1.3 公里至逸東邨，工程包括地下連續牆，盾構機開掘井，預製隧道壁件塊等。



Civil Engineering – Road & Railway 土木工程 - 道路及鐵路

Highways Dept Contract No. HY/2022/12 – Universal Accessibility Facilities at Footbridges, Elevated Walkways and Subways – Package 7 Contract 2

路政署合約編號 HY/2022/12 - 高架行人道及行人隧道加建人人暢道通行設施 --第七組第二份

Client: Vernaltex Company Ltd

業主：赤度綫有限公司

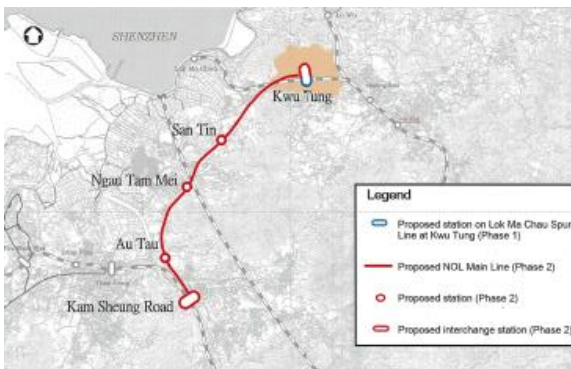
Scope: Tender design using MiC/DfMA

服務：投標設計，採用 MiC/DfMA 預製件方式

Design of 46 lifts at 30 walkways located in Central and Western District, Kowloon City, Kwai Tsing, Kwun Tong, Wong Tai Sin, Sai Kung, Southern District and Yau Tsim Mong; a covered elevated walkway. 設計為位於中西區、九龍城、葵青、觀塘、黃大仙、西貢、南區及油尖旺內的三十條行人通道設計及加建共四十六座升降機，及有蓋高架行人通道，相關的土木工程、土力工程。

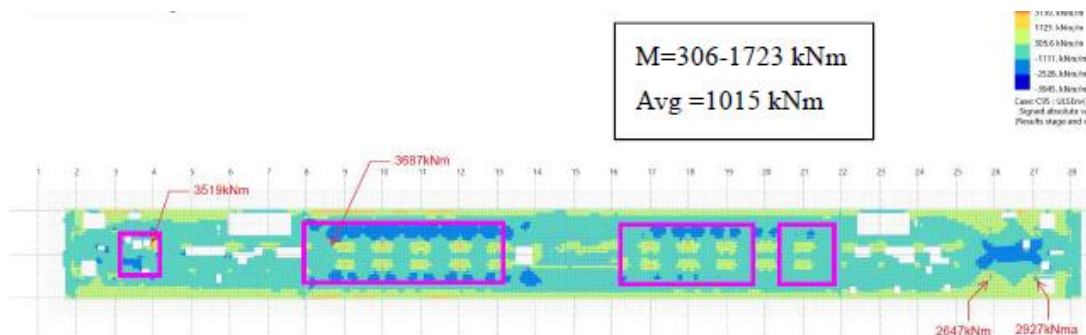


Railway Development Office – Checking of Seismic Design for Kwu Tung Station on East Rail Line 鐵路發展處 - 東鐵線古洞站地震設計檢查



Seismic design checking on the Arup's station design on compliance with MTRCL's New Works Design Standards Manual in the validity of design concepts, methods and assumptions adopted; and design of superstructures, substructures & foundation.

對奧韋納之地下古洞站設計作地震設計檢查，以確保毛地上，地下結構及地基之設計概念，方法及假設乎合地鐵公司之設計標準。



Tunnel Top Slab Transverse Moment 隧道頂層橫切拗力



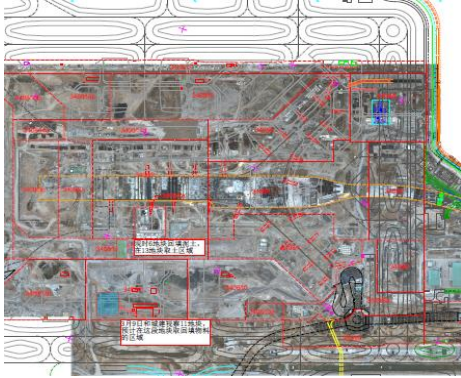
Civil Engineering – Airport 土木工程 - 機場

Airport Authority Contract 3408 Third Runway System Airfield Pavement and Apron Works 機管局合約 3408 三跑道系統工程 之機場跑道及停機坪工程

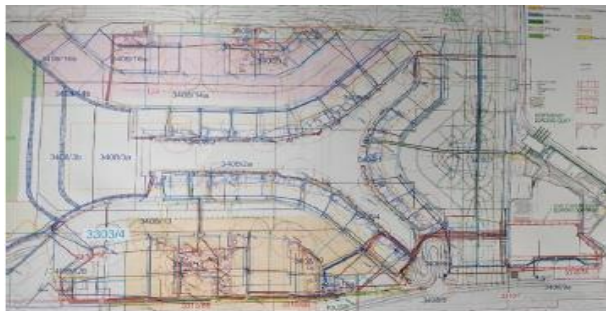
Client: Yunnam No. 4 Construction Co Ltd (YCIH) 業主：雲南建投第四建設有限公司(雲四)

Scope: Project Management, Safety, Environmental & Quality Mgt, and Claims Consultant
項目管理，安全 環境 質量管理及索賠顧問

State Enterprise YCIH has annual revenue >RMB12 Billion, Grade 1 qualification for specialized contracting of airport runway engineering. Kunming Wujiaba and Lijian Airports won the 'China Construction Engineering Luban Prize', Kunming Changshui Airport won 'Tien-yow Jame Civil Engineering Prize'; and recent Beijing Daxing Airport, and Benin Airport in Africa and Siem Reap Airport in Cambodia. 雲四乃省企，年經營額 120 億元以上，持機場場道專業承包一級資質，承建之昆明巫家壩及麗江機場工程獲中國建築工程魯班獎，昆明長水機場獲中國土木工程詹天佑獎，和近期北京大興機場，海外有非洲貝寧機場，柬埔寨暹粒機場等。



雲四馬董事長親臨香港參與管理計劃工作坊



(CC8 管基海排工程项目图)



云南建投 机场3408合約 整体计划工作坊

吳惠明 Ir Patrick Ng

AP, RSE, RGE, RI, FHKIE, RPE (Civ, Geo, Bldg, Env), Authorised Signatory (AS)

認可人士，註冊結構工程師，註冊岩土工程師

註冊一般建築承建商，註冊專業承建商 (拆卸)，註冊專業承建商 (地基)，註冊專業承建商 (探土)，及註冊專業承建商 (地盤平整)等 獲授權簽署人(AS)



董事總經理 Managing Director
亞洲工程管理有限公司

Airport Authority – As the Authorised Person (AP) for the Foreign Object Debris (FOD) Towers & Surface Movement Radar (SMR) at the Northern Runway

機管局 - 機場三跑項目 在北跑道 異類物件監測台及地面移動雷達 之認可人士



Airport Safety - FOD includes any object found in inappropriate location in runway and apron which can cause hazard to airport safety. FOD detection on the two runways in a real-time is for safeguard of aircraft take-off & landing.

機場安全 - 外來物(FOD)探測系統，探測機場兩條跑道上的外來物，以保障航機升降安全。



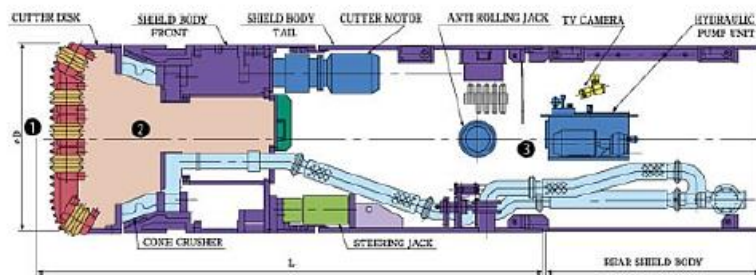
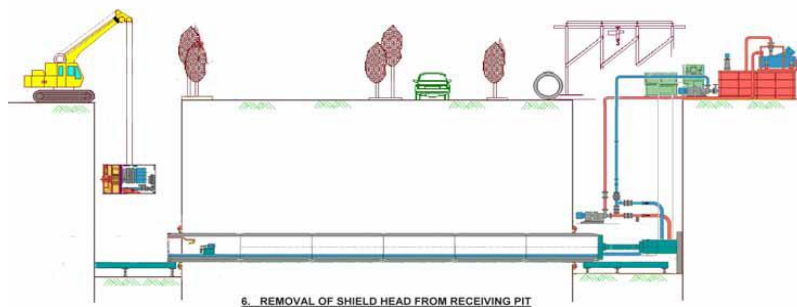
Civil Engineering – Road & Drainage 土木工程 - 道路及渠務

Drainage Services Dept Contract No. DC/2011/07 Sewer at Kam Tin, Tan Kwai Tsuen and Tong Tan Sang Tsuen and Modifications to Siu Ho Wan Sewage Treatment Works

渠務署合約編號 DC/2011/07 錦田、丹桂村和唐人新村渠務工程及小蠔灣污水處理廠改造工程

Client: China Geo-Engineering Corporation 業主：中國地質工程集團公司

Scope: Independent Checking Engineer 獨立檢測工程師



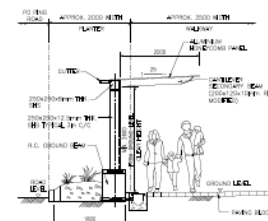
Highway Department Agreement No. WD19/2017 Investigation for Provision of Covers on Walkways, Package 3 – North, Tai Po, Sai Kung and Tsuen Wan

路政署合約 WD19/2017 北區、大埔、西貢及荃灣行人上蓋研究



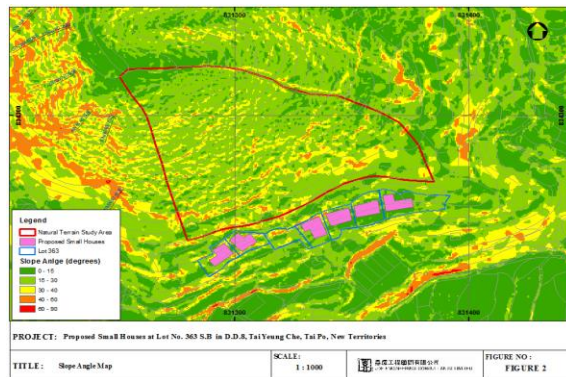
Highways Dept Agreement Signing Ceremony

路政署合約簽約儀式

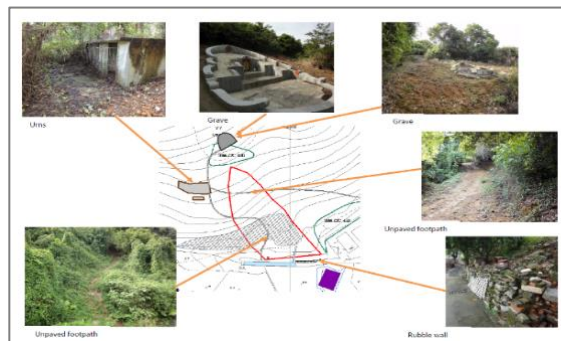


ACABAS Submission

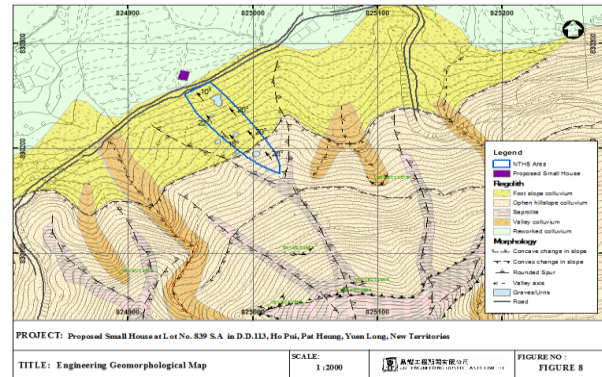
Geotechnical Engineering – Natural Terrain Hazard Study (NTHS) 岩土工程-天然山坡災害評估



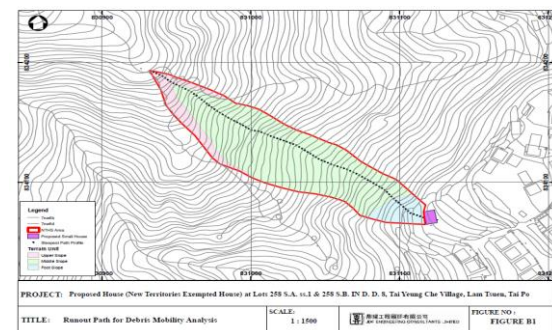
Slope Angle Map – appreciation of morphology



Detailed Field Mapping – verifying anthropogenic features and regolith distribution - (Nam Wa Po)



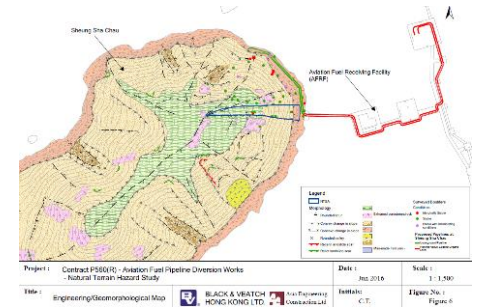
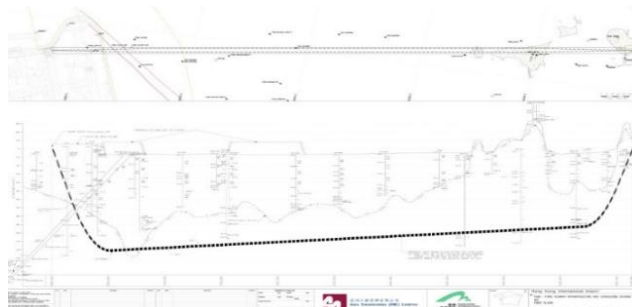
Engineering Geological & Geomorphological Map (Ho Pui)



Debris Mobility Analysis – model design event of landslide source to the proposed development – (Tai Yeung Che)

**Airport Authority Contract P560(R) – Aviation Fuel Pipeline Diversion Works -
Geotechnical Assessment, Natural Hazard Study and Mitigation Design**

機場管理局合約 P560(R) - 航機油管改道工程 - 岩工程評估、天然山坡災害評估研究及減災設計



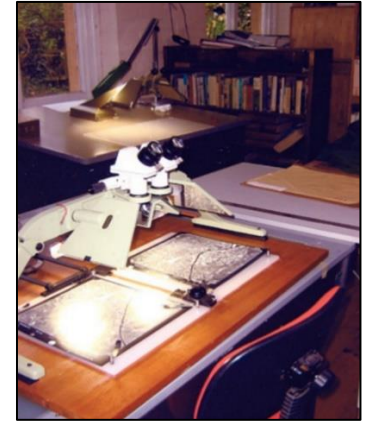
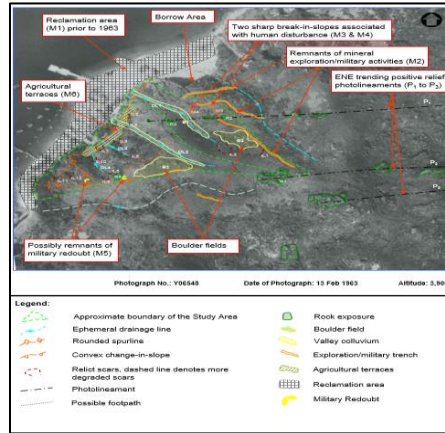
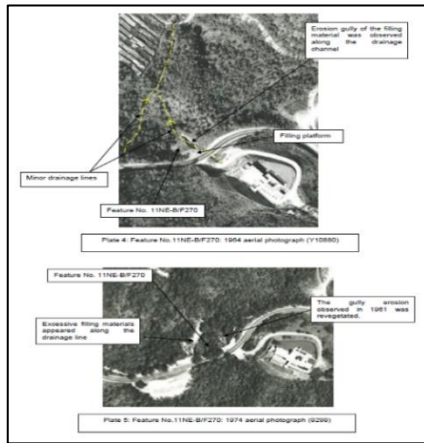
- Geotechnical & geological assessment on predicted rock mass condition for the pipelines constructed by HDD
- Identification of probable fault zones along the alignment
- Evaluation of rock strength, rock covers & ground water regime
- Building up geotechnical & geological models for design & build
- Natural Terrain Hazard Study for portal areas
- Natural Terrain Hazard Mitigation Design

Design & build contract for installation two 500mm dia. aviation fuel pipelines between the Airport Island and the AFRF at Sha Chau Island



Geotechnical Engineering – Rock Mapping 岩土工程 - 石坡勘察

Aerial Photograph Interpretation (API) 航空照片判釋



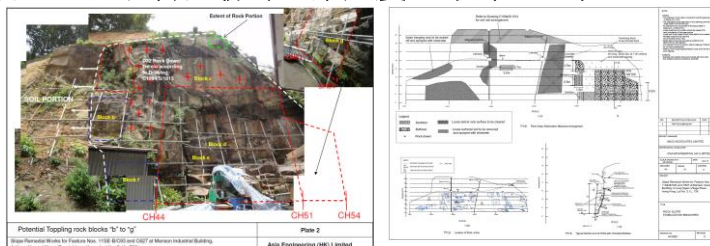
API Projects Involved:

- Various LPM Projects to appreciate the formation history, sign of distress and geomorphology
- Data Collection for Various LPM Projects to review the formation & modification of man-made features
- for Natural Terrain Hazard Studies to establish the geomorphological model and landslide inventory

Rock Mapping, Boulder Survey 石坡勘察、孤石安全評估

Rock Slope Remedial Works for Feature Nos. 11SE-B/C93 and C627 at Manson Industrial Building, A Kung Ngam Village Road

香港亞公岩村道聯昇工業大廈 石坡鞏固工程



- Rock slope discontinuity mapping, stability assessment
- Kinematic analysis using stereographic projections
- Design of rock slope stability measures

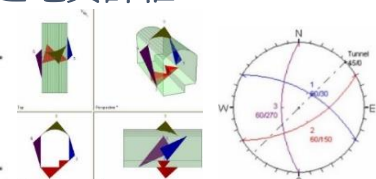
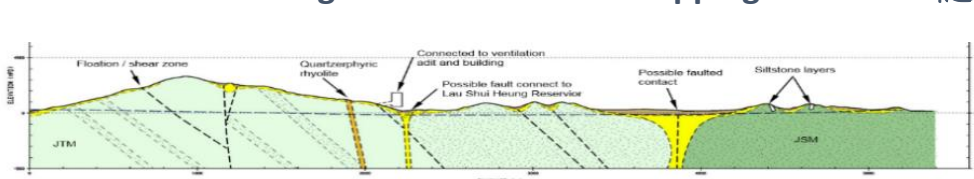
WSD Agreement No. CE 21/2012 (WS) Desalination Plant at Tseung Kwan O - Feasibility Study - Boulder Survey and Rock Slope Mapping

水務署將軍澳 138 區擬建海水淡化廠 可行性研究-石坡勘察及孤石安全評估



- Detailed boulder mapping at the natural hillside
- Rock discontinuity survey and stability assessment
- Kinematic analysis using stereographic projections

Geological Assessment & Mapping for Tunnel 隧道地質評估





亞洲工程管理有限公司
ASIA ENGINEERING (HK) LIMITED

Geotechnical Engineering-Dangerous Hillside Order 岩土工程- 危險斜坡令

As RGE for design, GI, & supervision of Dangerous Hillside Orders by Buildings Dept

作為註冊岩土工程師處理多個屋苑之屋宇署危險斜坡令，斜坡鞏固、探土、設計、入則、監督



DHO on Tin Shui Wai Earth Mount
天水圍泥頭山 - 危險斜坡令



DHO on Kung Lok Building, 44 Kung Lok Road
官塘功樂道 44 號功樂大廈- 危險斜坡令

天水圍泥頭山危險斜坡令（成功化解 危險斜坡令稍後解除）

Tin Shui Wai Dangerous Hillside Orders

(resolved successfully with DH Orders cancelled later)

Tin Shui Wai Lot No. 48, 333 & 339 s.A in D.D. 126
DH Orders Nos. DH0046/NT/16/C to DH0051/NT/16/C
Registered Geotechnical Engineer (RGE)'s Alternative Proposal of Trimming
of Slope Instead of Shotcrete as Temporary Remedial Measure

天水圍丈量約份第 126 約地段第 48 號、333 號及 339 s.A
- 危險斜坡令 DH0046/NT/16/C to DH0051/NT/16/C
註冊岩土工程師(RGE) 另建議改為臨時削減斜坡角度（不用噴漿）



Ir Patrick Ng 吳惠明工程師

Registered Geotechnical Engineer 註冊岩土工程師
FHKIE, RPE (Civil, Geo, Bldg, Env)
香港工程師學會資深會員，註冊專業工程師(土木、岩土、屋宇、環境)
Managing Director, Asia Engineering (HK) Ltd 亞洲工程管理有限公司董事總經理
Director, Asia Engineering Construction Ltd 亞洲工程建築有限公司 董事
March 2016





亞洲工程管理有限公司
ASIA ENGINEERING (HK) LIMITED

Geotechnical Experience – Engineering Inspection 岩土工程 - 斜坡檢查

Engineering Inspection (EI) of Slopes 斜坡檢查

Engineering Inspections (EI) of over 200 no. slopes for Tsing Ma Control Area

青馬管制區斜坡工程檢測 (超過 200 個斜坡)

Client 業主: TIML MOM Ltd: 交通基建管理合約有限公司

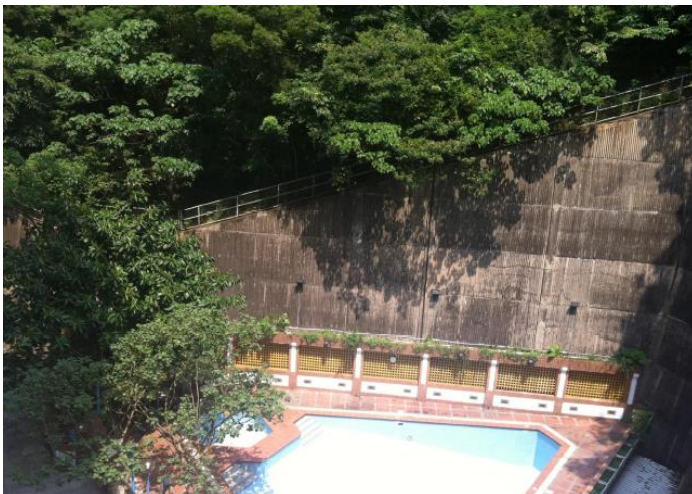


Kwai Chung Yiu Wing Street, Goodman Kwai Chung Logistics Centre

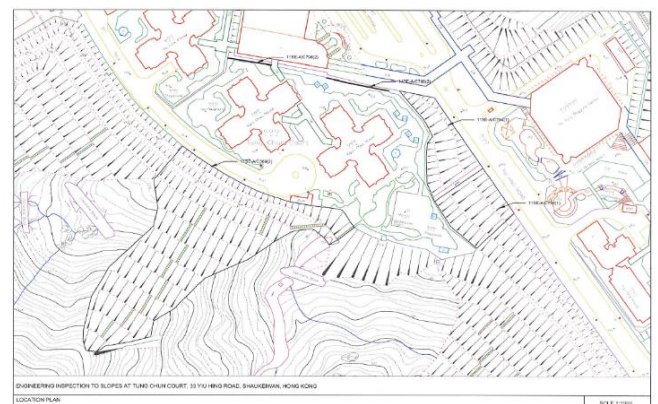
葵涌耀榮街嘉民葵涌物流中心



Wilshire Tower, 200 Tin Hau Temple Road
天后廟道 200 號 慧雅閣



Shaukeiwan Tung Chun Court Engineering Inspection & Maintenance for 4 slope features.
筲箕灣東駿苑四個斜坡及擋土牆檢查及維修





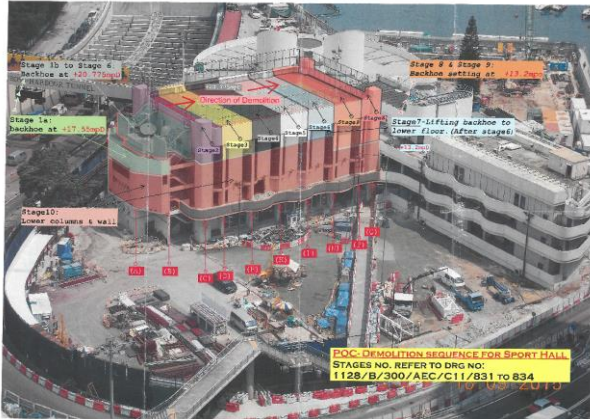
Structural Engineering - Demolition 結構工程 - 拆卸工程

MTR Shatin to Central Link Contract 1128 – South Ventilation Building to Admiralty

Tunnels - Demolition of Police Officer's Club, Causeway Bay (Design & Build)

港鐵沙中線合約 1128-南抽風大樓至金鐘隧道-銅鑼灣警官俱樂部拆卸工程(設計與建造)

Client 業主: Dragages HK Ltd 香港寶嘉建築有限公司



Demolition sequence of the Sports Hall with 10m high ceiling & 20m long span structure
體育館 10m 高樓底和 20m 長樑結構-拆卸次序



10m high Propping at Sport Hall
體育館臨時支撐



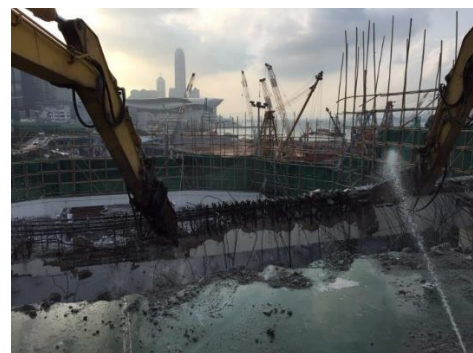
Demolition sequence for Sports Hall
室內體育館拆卸次序



Lifting 20t Machine by a 100 Ton Crane to Roof
用 100 噸大吊機吊運 20 噸拆卸機械上樓頂



CCTV Monitoring of Demolition Process
閉路電視全程監錄拆卸過程



Demolition of Sports Hall Roof (20m span, 10m high)
育館樓頂拆卸中(10m 高樓底和 20m 長樑結構)

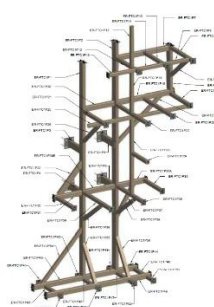


亞洲工程管理有限公司
ASIA ENGINEERING (HK) LIMITED

Structural Engineering 結構工程

Axtion City, 11 Skies Mall - Structural Consultancy for Theme Structures (Client: Pico)

Axtion City, 11 Skies Mall - 主題結構 結構工程 (業主：筆克)

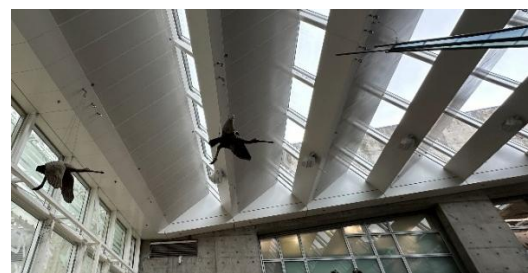
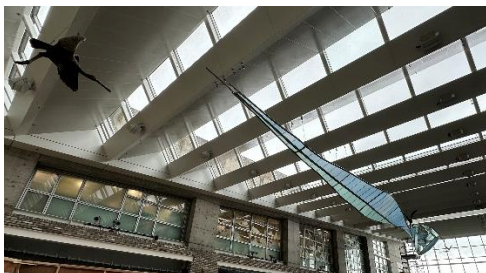


11 SKIES is Hong Kong's largest one-stop retailtainment located in Hong Kong Airport. Participated for the Axtion City 3-stories Game Play Plaza with theme structures, including analysis, computer simulation, statutory submission, support Place of Public Entertainment licensing process. Collaboration with Pico Play's fabrication facilities in Johor, Malaysia and Hai Phong, Vietnam creating key components during the construction.

位於香港國際機場航天城的 11 SKIES, 是全港最大型一站式零售娛樂商業地標, 負責 Axtion City 三層高遊戲廣場之主題結構, 結構分析, 電腦模擬, 入則, 協助申請公眾娛樂場所牌照. 與 Pico Play 在馬來西亞新山和越南海防廠房製造的協作

Wetland Park Renovation Project - Structural Consultancy (Client: Pico)

濕地公園改造工程 - 結構工程 (業主：筆克)



Provide structural design for dismantling the existing exhibits, and installation of the new exhibits, including structures at Atrium, Living Wetland Gallery, Mangrove Adventure.

提供拆除現有展品和相關結構以及安裝新展品和結構的結構設計,包括中庭, 濕地展覽廊, 紅樹林探索

AP/RSE/Structural Engineering 認可人士/註冊結構工程師/結構工程

- **BD Submission, Licensing, Alteration Works**
- **Demolition & Removal of UBW**
- **Foundation & ELS**
- 入則、牌照、加建及改建工程
- 拆卸工程、僭建拆卸
- 地基及挖撐

Some Projects as Example

部分項目例子

MTR Tung Chung West Station and Tunnels	港鐵東涌西站及隧道
Wetland Park Renovation Project	濕地公園翻新工程
Airport Authority – Foreign Objection Detection (FOD) towers and Surface Movement Radar	機管局 - 機場三跑項目 在北跑道 異類物件監測台及地面移動雷達
Hong Kong Housing Authority - Construction of Subsidised Sale Flats Development at Queen's Hill Site 1 Phase 3 and Portion of Phase 6	房屋署 - 皇后山一號地盤資助出售房屋發展計劃建築工程 -拆卸工程
Architectural Services Dept - Demolition of Existing FEHD Sai Yee Street Environmental Hygiene Offices-Cum-Vehicle Depot	建築署 - 洗手街食環署辦事處及車輛中心 拆卸工程
Airport Authority - Bagging Hall of HK International Airport, Remedial Works at ITCI Basement Roof Remedial Proposal	香港機場管理局 - 香港國際機場行李大堂地庫補救工程方案
Shell Hong Kong Ltd – A&A Works for Tank bottom plate replacement works, Tsing Yi	香港蜆壳公司 - 青衣油庫底板更換工程
A&A Works at Lot KIL 9844 in New World Centre, 18-24 Salisbury Road, Tsimshatsui	尖沙咀新世界中心 加改建工程
A&A works at House 1, 1 Shouson Hill Road East, Deep Water Bay	深水灣壽臣山道東 1 號 一號屋 加改建工程
A&A at Yee Hing Bldg, 150 Main St, Apleichau	鴨脷洲大街 150 號宜興大廈加改建工程
ASD Facade and Glass Wall System at Construction of Treasury Building, Junction of Tung Chau St & Tonkin St, Sheung Sha Wan	建築署長沙灣通州街與東京街西交匯處庫務大樓 玻璃幕牆建築工程
A&A Works at Roof, Prince Alexandra Red Cross Residential School, 8 Rehab Path, Kowloon	九龍康復徑 8 號雅麗珊郡主紅十字會學校 加改建工程
A&A Works for FS Upgrade Works at 77-77A Fuk Wa St & 30-32 Shek Kip Mei St, Kowloon	九龍福華街 77-77A 號及石峽尾街 30-32 號 消防善工程
DSD DC/2018/02 of Sewage Pumping Stations & Sewage at Ting Kok Rd –Condition Survey	渠務署合約 DC/2018/12 污水泵站改善及汀角路污水渠工程前結構狀況測量
Drainage at Faber Court, 29 & 31 Tai Tam Road	赤柱大潭道 29-31 號輝百閣渠務工程
ELS Hoarding for Drainage at Hong Lok Yuen	康樂園渠務挖撐圍街

RGE/Geotechnical Engineering 註冊岩土工程師/岩土工程

- | | |
|--|--|
| <ul style="list-style-type: none"> ● Rock Mapping, Boulder Survey ● Natural Terrain Hazard Study (NTHS) ● Dangerous Hillside Order (DHO) ● Engineering Inspection for Slopes | <ul style="list-style-type: none"> ● 地質勘察、孤石安全評估 ● 天然山坡災害評估 ● 危險斜坡令 ● 斜坡檢查 |
|--|--|

Some Projects as Example

部分項目例子

CEDD Marine Ground Investigation supervision for reclamation of TKO Area 137 & 132	土木工程拓展署將軍澳 137 及 132 地區填海發展海上探土工程監督
AA Contract 3203 3 rd Runway Reclamation by Deep Cement Mixing (DCM) supervision	機場管理局合約 3203 三跑填海 DCM 工程監督
Geotechnical Assessment for 1 Shouson Hill Rd E	壽臣山東路 1 號加改建工程岩土評估
Airport Authority Contract P560(R) Aviation Fuel Pipeline Diversion – Natural Terrain Hazard Study	機場管理局合約 P560(R) 航空油管改道 - 天然山坡災害評估
Dangerous Hillside Order – Tin Shui Wai “Earth Mount” – Resolved successfully & cancelled later	危險斜坡令 - 天水圍“泥頭山” - 成功化解, 政府令稍後取消
Dangerous Hillside Order – 44 Kung Lok Road	危險斜坡令 - 功樂道 44 號功樂大廈
Emergency Slope Stabilisation & Investigation after Landslip – 23 Stanley Village Road	緊急斜坡鞏固及調查山泥傾斜 - 赤柱村道 23 號
Emergency Investigation & Stabilisation – Rehabus Parking at Pokfulam Road	緊急地陷調查及鞏固 - 薄扶林道康復巴士停車場
Slope Remedial Works & Rock Slope Mapping at Manson Industrial Bldg, A Kung Ngam Village Rd	阿公岩村道民興工業大廈斜坡鞏固工程及石坡勘察
WSD Proposed Desalination Plant at TKO Area 137 Boulder and Rock Slope Surveys	水務署擬建海水化淡廠將軍澳 137 區孤石及石坡安全評估
CEDD Development of Anderson Road Quarry Site - Flexible Barrier System Geotechnical Supervision	土木工程拓展署安達臣礦場發展 - 柔韌護欄系統岩土監督
CEDD LPM at back of Queen Mary Hospital - Flexible Barrier System Geotechnical Supervision	土木工程拓展署山泥傾瀉防治工程瑪麗醫院山邊- 柔韌護欄系統岩土監督
Road Widening for Harrow International School – Rock Mapping & Geotechnical Inspection	哈羅香港國際學校道路擴闊 - 石坡勘察及岩土檢測
Development at 5 Fei Ngo Shan Rd Rock Mapping	飛鵝山道 5 號發展石坡勘察
Consultant for Slope accident at South Bay Rd	南灣路地盆平整工程意外索賠顧問
Site Formation of number of NT Exempted Houses	多間新界豁免屋宇地盆平整
Engineering Inspection (EI) of Slopes :	斜坡檢查 :
Tsing Ma Control Area (from Tsing Yi to Lantau), over 200 no. slopes	青馬管制區(由青衣至大嶼山), 超過 200 個斜坡
Wilshire Tower, 200 Tin Hau Temple Road	天后廟道 200 號慧雅閣

BUILDING INSPECTION & MAINTENANCE 樓宇檢驗及維修



We are the **Buildings Department's Term Consultant** for over 10 Agreements, including in charge of inspections of over 4,000 existing buildings in drainage during COVID-19, building inspections, investigations, and handling enquires & complaints from owners on behalf of the Buildings Department for statutory orders under the Buildings Ordinance.

- ✧ Term Consultancy for Mandatory Building Inspection Scheme & Mandatory Window Inspection Scheme, for whole Hong Kong.
- ✧ Term Consultancy for Investigation, Inspection & Supervision for Removal of Unauthorised Building Works, General Building & Drainage Repair under the Buildings Ordinance Section 24, 24AA, 24B, 26, 26A & 28.
- ✧ Term Consultancy Services for Inspection on External Drainage System of Private Buildings (thousands of buildings during COVID-19) in Central & Western Districts; Islands & Wan Chai Districts; Kowloon City District; Tai Po District; Sham Shui Po & Tsuen Wan Districts; Kwun Tong & Sai Kung Districts; (Agreement Nos. 50J110 to 50J124).
- ✧ Term Consultancy Services for Default Inspection under Mandatory Building Inspection Scheme (MBIS) and Mandatory Window Inspection Scheme (MWIS) in Private Properties & Other Related Services (DIC(B&W)2020 in respect of Eastern, Southern and Lantau Island; Sham Shui Po and Yuen Long; Kowloon City, Sai Kung and Kwun Tong (Agreement Nos. 50H129 to 50H135).

我們乃是屋宇署之顧問, 超過 10 個合約, 包括負責檢查超過 4,000 幢樓宇, 在新冠肺炎期間檢查有關渠管, 樓宇檢測, 及代表屋宇署處理業主們查詢及投訴有關按建築物條例下發出之法律命令。

- ✧ 強制驗樓計劃及強制驗窗計劃 2018 年合約顧問, 範圍全港
- ✧ 驗測及監督建築物條例下(第 24, 24AA, 24B, 26, 26A & 28 條) 清拆非法僭建物, 樓宇及排水維修令
- ✧ 在新冠肺炎期間, 緊急大規模 驗測數千幢樓宇外牆排水系統, 包括中區, 西區, 離島, 灣仔區, 九龍城區, 大埔區, 深水埗區, 荃灣區, 官塘區及西貢區。(合約編號 50J110 to 50J124).
- ✧ 在強制驗樓令及強制驗窗令後業主們仍沒有執行, 代表屋宇署進行檢驗, 並監督其維修工程. 包括東區, 南區, 大嶼山, 深水埗區, 九龍城區, 西貢區及官塘區。(合約編號 50H129 to 50H135).

Building Dilapidation Improvement 樓宇失修改善



Scaffolding 外牆棚架



Painting 油漆效果圖



Anti-rust Treatment 防銹處理



Concrete Repair 石屎修補



Replace Drain 渠務更換



Waterproofing 天台防水



Drain CCTV 地渠勘察



Replace Water Supply 食水系統更換

Building Information Modelling (BIM) 建築信息模擬 (BIM)

We provide service on BIM modelling on civil, geotechnical, building and architectural projects and 3D visualization.

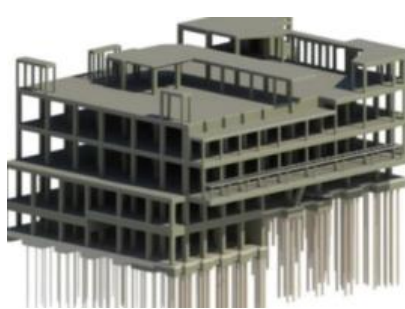
我們提供建築信息模擬 **BIM** 服務於
土木，岩土，樓宇及建築項目，和
3D 視覺化效果

Architectural 建築



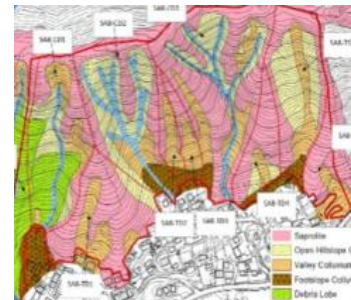
BIM Revit:
Architectural modelling
Fuzor:
BIM 4D & 5D
Animation
3D visualization

Civil & Structural 土木及結構



AutoCAD & MicroStation 3D
Civil 3D modelling
BIM Revit – Structural
Clash Analysis by Navisworks
Generate 2D drawings from
BIM models

Geotechnical 岩土



Leapfrog 3D Geological Model
Rockhead 3D Modelling for
Foundation design
Civil 3D for Site Formation

Condition Survey 結構狀況測量

We provide condition survey to infrastructures and assess facilities affected, and e.g. existing sewerage treatment plants remedial design proposals

我們提供結構狀況測量，評估建築物或設施受影響，及如現有污水處理廠改善見議

<div data-bbox="167 1520 362 1552">  <div> 亞洲工程管理有限公司 ASIA ENGINEERING (HK) LIMITED </div> </div> <p data-bbox="167 1646 579 1751"> Drainage Maintenance and Construction in Hong Kong Island and Islands Districts(2021-2025) and Building and Civil Maintenance and Minor Works to DSD Plants and Facilities (2020-2025) Contract No. DC/2020/03 – (BCM) Structural Condition Survey-cum-Remedial Works Design Report </p> <p data-bbox="167 1836 477 1890"> Survey Report Location: Facilities at Stonecutters Island Survey Report Date : 22/11/2023 Amendment version : V.2 </p> <div data-bbox="424 1910 552 1982">  Mr. Wan Ming Patrick PRCR, BPS (C), BSC, MSc, BSC, BSC Registered Structural Engineer Registered Geotechnical Engineer Registered Inspector </div> <p data-bbox="180 1995 564 2074"> 水務署鑽石山食水及咸水配 水庫迁往地下岩洞項目 </p>	<div data-bbox="644 1520 809 1552">  <div> 亞洲工程管理有限公司 ASIA ENGINEERING (HK) LIMITED </div> </div> <p data-bbox="679 1700 965 1769"> Agreement No. CE 15/2018 (WS) Relocation of Diamond Hill Fresh Water and Saltwater Service Reservoirs to Caverns – Investigation, Design and Construction Contract No. DHSR/IDC/PCC/002 – Pre-Construction Condition Survey </p> <p data-bbox="644 1843 841 1868"> PCC Survey Report Location : Structure ID 1 – 114 PCC Survey Report Date : 22/03/2022 </p> <div data-bbox="890 1928 979 1984">  Mr. Wan Ming Patrick PRCR, BPS (C), BSC, MSc, BSC, BSC Registered Structural Engineer Registered Geotechnical Engineer Registered Inspector </div> <p data-bbox="632 1995 986 2029"> 渠務署昂船洲污水處理廠 </p>	<div data-bbox="1077 1520 1412 1552">  <div> Asia Engineering (HK) Limited 亞洲工程管理有限公司 Building Civil Geotechnical Structural Environmental Engineering (Consultant) 樓宇 土木 岩土 結構 環境 工程顧問 </div> </div> <table border="1" data-bbox="1051 1588 1431 1989"> <tr> <td>Contractor</td><td>:</td><td>ASIA ENGINEERING (HK) LIMITED</td></tr> <tr> <td>承辦商</td><td>:</td><td>亞洲工程管理有限公司</td></tr> <tr> <td>Client</td><td>:</td><td>WATER SUPPLIES DEPARTMENT PROJECT MANAGEMENT DIVISION</td></tr> <tr> <td>客戶</td><td>:</td><td>水務署 – 工程管理部</td></tr> <tr> <td>Contract No.</td><td>:</td><td>PMS 01/2024</td></tr> <tr> <td>Subject</td><td>:</td><td>Pre-Construction Condition Survey for Relocation of Tsuen Wan No.2 Fresh Water Reservoir to Caverns</td></tr> <tr> <td>Version No.</td><td>:</td><td>Pre-Construction Condition Survey Report (Final)</td></tr> <tr> <td>Date</td><td>:</td><td>10 January 2025</td></tr> </table> <div data-bbox="1265 1904 1378 1989">  Mr. Wan Ming Patrick PRCR, BPS (C), BSC, MSc, BSC, BSC Registered Structural Engineer Registered Geotechnical Engineer Registered Inspector </div> <p data-bbox="1046 1995 1431 2074"> 水務署荃灣 2 号食水塘迁往 地下岩洞項目 </p>	Contractor	:	ASIA ENGINEERING (HK) LIMITED	承辦商	:	亞洲工程管理有限公司	Client	:	WATER SUPPLIES DEPARTMENT PROJECT MANAGEMENT DIVISION	客戶	:	水務署 – 工程管理部	Contract No.	:	PMS 01/2024	Subject	:	Pre-Construction Condition Survey for Relocation of Tsuen Wan No.2 Fresh Water Reservoir to Caverns	Version No.	:	Pre-Construction Condition Survey Report (Final)	Date	:	10 January 2025
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Environmental Engineering & Sustainability 環保工程 及 可持續發展



Environmental Engineering

環保工程



Environmental Monitoring & Audit

環境監測及審核



Renewal Energy – Solar Power

可再生能源 - 太陽能發電

- ✧ **Environmental, Social & Governance Report** 環境、社會及管治報告
- ✧ **Sustainability** 可持續發展
- ✧ **Carbon Audit** 炭排放審計
- ✧ **Energy Audit** 能源審計
- ✧ **Energy Saving** 節能顧問

Environmental, Social & Governance Report

環境、社會及管治報告

We assist listed companies' board of directors on Environmental, Social & Governance (ESG) Reporting in compliance with the Hong Kong Stock Exchange listing rules, based on Materiality, Quantitative, Balance and Consistency. These include environmental key performance indicators (KPIs) upgraded from recommended practice to "Comply or Explain". Construct & integrate ESG Risk Identification and Assessment mechanisms and internal control systems, for short & long-term sustainability goal.

- ✧ Corporate Sustainability
- ✧ Global Reporting Initiatives (GRI) Standard Reporting
- ✧ Supply Chain & Corporate Sustainability Audit

我們協助上市企業董事會，按重要性、量化、平衡及一致性，評估及釐定企業有關環境、社會及管治的風險，制定 ESG 政策以及為報告範圍及信息納入規劃短期與長期目標。環境所有關鍵績效指標 (「KPIs」) 提升至「不遵守就解釋」，以合乎香港聯交所上市公司要求。協助企業建立 ESG 風險識別與評估機制 ESG 風險管理及內部監控系統，以進一步協助企業確立短期及長期的可持續發展策略。

- ✧ 企業可持續發展
- ✧ 全球報告倡議組織的《可持續發展報告準則》
- ✧ 供應鏈及企業可持續發展審計



Expert Witness 專家証人

Our managing director Ir Patrick Ng with 40 years' experience in civil, building, structural & geotechnical engineering. He has worked in the positions as clients, consultants, contractors and subcontractors, with the different contractual considerations.

Ir Ng is uniquely qualified as the statutory agents' role under the Buildings Ordinance: as AP, RSE, RGE, RI, and Authorised Signatory (AS) for Registered Contractors in Building, Demolition, Foundation, Ground Investigation, & Site Formation. Moreover, Patrick is a Certified Insurance Professional with 10 years in engineering insurance and claims. He is believed to be the only professional in Hong Kong with all the qualifications above, not happen before and likely not in the future.

Ir Ng has good presentation and communication skills, as he acted as the Chairman of PR Committee of HKIE, public consultations, District Council Committees member, and guest lecturer for Master degree course. He is appointed Appeal Tribunal, Buildings Ordinance; and APs', RSEs' & RGEs' Disciplinary Board Panel. He can highlight complex engineering issues in a clear and concise manner for easy understanding by the judge, barrister and solicitor. As an expert witness, he has an overriding duty to help the Court impartially and independently on matters relevant to area of expertise. E.g. Expert Opinion for a dispute in footbridge defects in Express Rail Link Contract XRL 805, mysterious cracking in new property and as Expert Witness for waterproofing dispute for YMCA Wu Kwai Sha Youth Village.

本公司董事總經理吳惠明工程師，憑著 40 年土木、樓宇、結構及岩土工程經驗。他曾任職於業主、顧問、承建商及分判商，了解不同角色之合約考慮。吳工程師擁有建築物條例下之法定人員資格，包括認可人士、註冊結構工程師、註冊岩土工程師、註冊檢驗人員，及註冊一般建築承建商，註冊專業承建商之拆卸、地基、探土及地盤平整之獲授權簽署。吳工程師並是認可保險專業人員，有 10 年工程保險及索賠經驗。相信他是在香港唯一之專業人士擁有以上所有資格，乃前無古人，相信亦後無來者。

吳工程師有良好表達及溝通技巧，包括作為香港工程師學會公共關係委員會主席、公眾諮詢、區議會委員會委員、及碩士課程之客席講師。並任上訴審裁小組 <<建築物條例>>及認可人士、註冊結構工程師及註冊岩土工程師紀律委員會。他能將複雜工程問題找出重點，以清晰簡潔，深入淺出表達，令法官、大律師及律師能容易了解。作為專家証人，他需要協助法庭中肯地及獨立地對專業範疇作出意見。例如，他提供專家意見給高鐵 XRL 805 合約天橋缺陷糾紛，新樓宇之神秘裂縫及 YMCA 烏溪沙青年會防水糾紛之專家証人。

Expert Witness in CAR & Workers Compensation

✧ Contractor's All Risks & EC Claims



Insurer

+



engineer

+



lawyer

+



工程及工傷索賠 專家証人

✧ 承建商全保及勞保索賠

Our cross industry sectors experts :

我們跨界別專家：

Professionalism + Proactive + Leadership

專業 + 主動 + 領導才能



Ir Patrick Ng (吳惠明 工程師) - Renowned Expert in Civil Engineering 著名土木工程專家



Interviewed by TVB News on the black signal storm and wide spreading serious flooding in Hong Kong, including flooding in the Wong Tai Sin MTR Station. 接受了無線電視 TVB 訪問，回應黑色暴雨下全港大範圍嚴重水浸，包括黃大仙地鐵站內。

(TVB, 21-9-2023)



Interviewed by TVB news on quality problem of steel bars or concrete in recent new buildings, including demolition of uncompleted structure. 香港工程師學會公共關係委員會前主席吳惠明接受了無線電視 TVB 訪問，回應有關近期有新樓盤出現工程問題，如建造中的鋼筋或混凝土出現工程質量問題，最嚴重更是整幢清拆重建 (如柏傲莊)等。 (TVB, 24-11-2022)



Interviewed by radio on the Hong Kong - Zhuhai - Macau Bridge the alleged seawall stability concern of the man-made island. 對社會上關注港珠澳大橋人工島海堤穩定性問題，接受電台訪問 (2018)



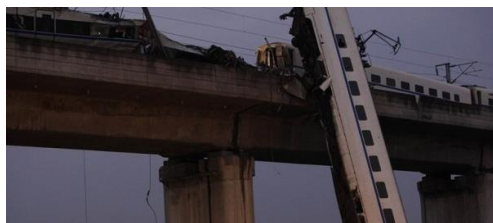
Appointed as the RGE and Specialist Contractor to resolve the controversial Tin Shui Wai Earthmount problem under the Dangerous Hillside Order. 被委任為註冊岩土工程師及專業承建商，解決天水圍泥頭山之危險斜坡令困難。

(Cable TV News, 有線電視新聞 March 2016)



As Guest at RTHK live 2-hour Radio Programme 香港電台 "講東講西" 之嘉賓，兩小時節目 "路軌像記憶一樣長"。

(Radio RTHK, 2012)



Interviewed by radio on Hi Speed Rail train clash near Wenzhou, China. 對溫州高鐵火車追撞事故，接受電台訪問。

(2011)



Interviewed by radio on "One Belt One Road" and "China High Speed Rail Diplomacy".

對 "一帶一路" 及 "中國的高鐵外交"，接受電台訪問 (2010)



Ir Patrick Ng (吳惠明 工程師) - Renowned Expert in Civil Engineering 著名土木工程專家



Interviewed by the international journal New Civil Engineer (UK based) on the transport infrastructure damages in WenChuan Earthquake in Sichuan, China
對四川汶川大地震受破壞之運輸基建，接受英國雜誌“新土木工程師”訪問 (“New Civil Engineer”, 2008)



Interviewed by the international journal "Tunnels and Tunnelling", (UK based) on the Tsim Sha Tsui Extension Tunnels. 對九鐵尖沙咀支線隧道，接受英國雜誌“Tunnels and Tunnelling”訪問
("Tunnels and Tunnelling", Oct 2003)



Short but Significant : KCRC project Tsim Sha Tsui Extension published by international journal “New Civil Engineer” (NCE) (UK based). 九鐵尖沙咀支線項目，刊登於英國雜誌“新土木工程師”
("New Civil Engineer", 1-5-2003")



Press Interview of proposed rail link concept to Guangzhou at west of Pearl River in strengthen Hong Kong as the transportation hub in the region. 會見記者見議新鐵路概念經珠江西面連接廣州，加強香港作為運輸中心 (The Standard, 英文虎報 26-9-2002)



Response to rail derailment in UK versus Rail Safety in Hong Kong. Patrick Ng explained Hong Kong railway safety system, maintenance, automatic train operation at high standard. 回應英國火車出軌意外，解釋香港鐵路安全系統高水平，包括維修，自動列車運作
(Tai Kung Pao, 大公報 14-5-2002)



High Rise Building Design under Big Fire in response to the 9-11 Collapse of World Trade Centre in USA. Comment on the fire resistance, steel structure, refuge, escape for super-high buildings. 回應九一一美國世貿大廈大火中倒塌，摩天大廈之防火，鋼結構，逃生等樓宇設計
(14-9-2001)



Live News Interview (2 hours) at Cable TV as Guest Commentator during live construction of the Three Gorges Dam closing up the dam, China.
長江三峽大壩合攏工程 (新聞現場兩小時直播)，作為嘉賓評論員
(Cable TV News, 有線電視新聞 10-3-1998)



亞洲工程管理有限公司
ASIA ENGINEERING (HK) LIMITED

Client Portfolio 客戶概覽

 建築署		
 屋宇署 BUILDINGS DEPARTMENT	 機電工程署 EMSD	 市區重建局 URBAN RENEWAL AUTHORITY
		
 中国地质工程集团有限公司 CHINA GEO-ENGINEERING CORPORATION		
 俊和發展集團 CHUN WO DEVELOPMENT HOLDINGS LIMITED	 保華建業 Paul Y. Engineering	 義合工程有限公司
 益興建築有限公司 Yick Hing Construction Company Limited	 (泰錦建築工程有限公司) TAI KAM CONSTRUCTION ENGINEERING COMPANY LIMITED	 Kwan On Construction Co. Ltd. 均安建築有限公司
 BLACK & VEATCH		 仕豐工程有限公司 SZE FUNG ENGINEERING LTD.
 St. James' Settlement 聖雅各福群會	 富城集團 Urban Group 聯盛創建成員 Member of FSE Holdings	 云南建投第四建设有限公司 YCIH NO.4 CONSTRUCTION CO.,LTD
 Ample Surveyors Ltd		 康柏斯專業顧問有限公司 HONGPLUS PROFESSIONAL CONSULTANTS LIMITED
 Great Eagle Properties Mgt 鷹君物業管理有限公司	 Paliburg Estate Mgt 百利保物業管理公司	
 Club De Recreio 西洋波會	 香港復康會 The Hong Kong Society for Rehabilitation 復康巴士 Rehabus	 Realty Cheng & Partners Const. Ltd 偉業聯和建築有限公司
 asia infrastructure solutions	 旭通控股 STEERING HOLDINGS Fruit Design & Build Ltd	 Woon Lee Construction Co Ltd 煥利建築有限公司
 CLEARWATER BAY EQUESTRIAN CENTRE	 Kat Yue Construction Engineering Limited 吉裕建築工程有限公司	 New City Construction Co Ltd 新城市建築有限公司
 Aggressive Construction 精進建築有限公司	 Vernaltex Company Ltd 赤道綫有限公司	 Pico Projects (International) Ltd 筆克策劃制作(國際)有限公司
 Highways Department The Government of the Hong Kong Special Administrative Region	 Hong Kong Housing Authority	



亞洲工程管理有限公司
ASIA ENGINEERING (HK) LIMITED

QUALITY ISO CERTIFICATION 品質認證

ISO 9001 : 2015 in building, civil, environmental, geotechnical, structural engineering consultancy

ISO 9001 : 2015 品質認證：樓宇、土木、環保、岩土及結構工程顧問服務



VOLUNTEER MOVEMENT PARTICIPATING ORGANISATION,

SOCIAL WELFARE DEPARTMENT

社會福利署 義工運動參與機構



社會責任 Social Responsibility

作為負責任的企業公民，公司及個人，為社會共建美好未來出一分力，關懷社羣，參與義務及慈善工作，並與非牟利機構合作，回饋社會。

As a responsible corporate citizen, we and as individuals, serve and caring of the community. We collaborate with NGOs on volunteer and charity services so as to make a positive contribution to the community.



摘星計劃 - 資助南寧貧窮鄉村而成績優異學生升讀大學
“Twinkle Star” – sponsoring students in Nanning poor villages for university study



上海絲綢之路協會張騫計劃導師
Mentor for the Zhang Qian Programme



中學生面試工作坊導師
Mentor for Secondary School Mock Interview



與傷殘人士參與步行籌款
Fund Raising with the disabled



與100名獨居長者齊齋宴
Vegetarian meal with 100 self-living Elderly



社區參與 Community Involvement



“一帶一路” 及 “中國的高鐵外交” 接受電台訪問
Radio interviews on “One Belt One Road” and “High Speed Rail Diplomacy”



講東講西嘉賓 “路軌像記憶一樣長”
Guest at RTHK live 2-hour Radio Programme



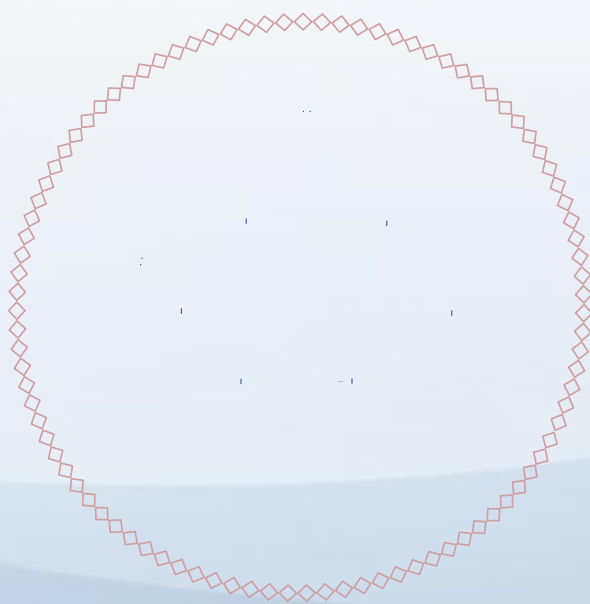
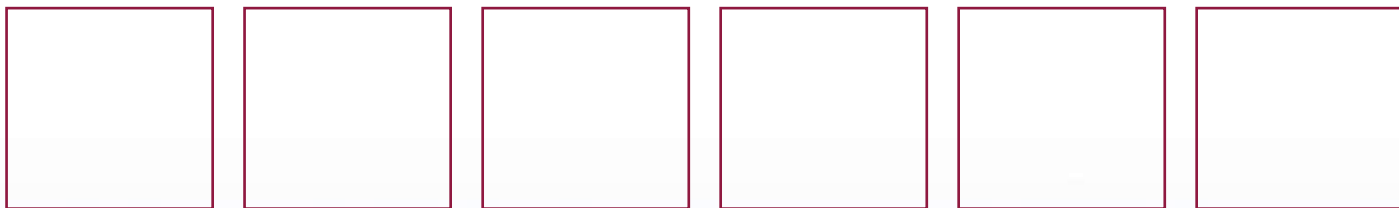
香港工程師學會環境分部前主席
Past Chairman, HKIE Environmental Division



中國人民政治協商會議第十一屆南寧市委員
11th Chinese People's Political Consultative Conference Nanning



Company Profile 公司簡介



亞洲工程管理有限公司

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Address Flat 1202, 12/F, Tung Wai Commercial Bldg., 109-111 Gloucester Road, Wan Chai, HK

傳真 Fax (+852) 3020 9317

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