

ITEM FOR PUBLIC WORKS SUBCOMMITTEE OF FINANCE COMMITTEE

HEAD 707 – NEW TOWN AND URBAN AREA DEVELOPMENT

Civil Engineering – Land development

469CL – Kai Tak Development – Infrastructure at North Apron Area of Kai Tak Airport

Members are invited to recommend to the Finance Committee the upgrading of part of **469CL** as **886CL**, entitled “Kai Tak Development - Open Spaces near Kai Tak River and Kai Tak Station Square”, to Category A at an estimated cost of \$318.5 million in money-of-the-day prices.

PROBLEM

We need to construct the open spaces near Kai Tak River and Kai Tak Station Square to cope with the commercial and residential developments at the former north apron of Kai Tak Development (KTD), to strengthen connectivity in the area and provide leisure facilities and landscaped greening to the public.

PROPOSAL

2. The Director of Civil Engineering and Development, with the support of the Secretary for Development, proposes to upgrade part of **469CL** to Category A at an estimated cost of \$318.5 million in money-of-the-day (MOD) prices, for the construction of open spaces near Kai Tak River and Kai Tak Station Square.

/PROJECT

PROJECT SCOPE AND NATURE

3. The scope of the proposed project comprises the following—
- (a) Construction of three adjoining open spaces, namely OS3b, OS4 and OS5, with a total area of about 8 700 square metres (m²) in Area 2 of KTD to provide –
 - (i) thematic landscape areas¹, a multi-purpose area² and a leisure area³; and
 - (ii) pedestrian walkways connecting the adjoining Kai Tak Station Square and housing developments;
 - (b) Construction of an open space, i.e. OS6, with an area of about 7 800 m² on both sides of Kai Tak River in the section between Kai Tak Station Square and Olympic Avenue to provide –
 - (i) thematic landscape areas, a multi-purpose area and observation decks;
 - (ii) a GreenWay⁴ for shared-use by pedestrians and cyclists;
 - (iii) pedestrian walkways connecting the adjoining Kai Tak Station Square and Comprehensive Development Area sites;
 - (iv) a footbridge connecting both sides of Kai Tak River; and
 - (v) ancillary facilities including toilets, a store room, and a park office, etc.

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¹ A thematic landscaped area is a garden featuring with landscape elements such as flowers, lawns and trees.

² A multi-purpose area will be equipped with water and power supply which can be used for holding exhibitions and various events.

³ Dry fountain will be provided in the leisure area with water play facilities.

⁴ The GreenWay for shared-use by pedestrians and cyclists will link up with the GreenWay in the Kai Tak Station Square leading to a number of attractions in the KTD such as Kai Tak Sports Park, harbourfront promenades at the runway precinct, etc.

4. The location plan of the proposed project is at Enclosure 1; the site plan and artist's impression of the proposed open spaces OS3b, OS4 and OS5 are at Enclosure 2; the site plan and artist's impression of the proposed open space OS6 are at Enclosure 3.

5. We plan to commence the proposed project upon obtaining funding approval from the Finance Committee (FC) with target completion in phases in around three years' time. To meet the works programme, we have invited tenders in parallel to enable early commencement of the proposed works, and the returned tender price has been reflected in the estimated cost of the proposed project. The contract will only be awarded upon obtaining FC's funding approval.

6. We will orderly seek funding for the remaining works of **469CL**, which mainly covers the infrastructure works⁵ at the former north apron to cope with future development of the area.

JUSTIFICATION

7. The land involved in the proposed project forms part of the open spaces planned at the former north apron. Upon completion, the proposed project not only provides leisure facilities and landscaped greening to the public within and outside KTD, but also strengthen connectivity in the area to cope with nearby commercial and residential developments.

8. The proposed open spaces OS3b, OS4⁶ and OS5 are located near the MTR Sung Wong Toi Station and adjoining the Kai Tak Station Square. Upon completion, these open spaces will be connected together and link up with the MTR Kai Tak Station and Sung Wong Toi Station to strengthen the pedestrian connectivity with the commercial and residential developments at the former north apron. In the future, the public in the Kowloon City area can reach these open spaces and nearby developments via pedestrian subways⁷ across Prince Edward Road East and Olympic Avenue.

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⁵ The remaining infrastructure works are mainly to construct a footbridge across Sung Wong Toi Road.

⁶ The MTR Sung Wong Toi Station Emergency Egress Point (EEP) falls within the proposed open space OS4. During the construction of the proposed project, an unobstructed emergency vehicular access will be maintained for this EEP.

⁷ Including one pedestrian subway under construction and two existing subways (part of one of the subways is under modification).

9. We will construct a footbridge across Kai Tak River at the proposed open space OS6 to link up both sides of Kai Tak River, providing additional connection across the river and shortening the walking distance. In addition, upon completion of the proposed works, the area will be linked up with the adjoining Kai Tak Station Square to form a large piece of connected open space. In the future, the public in the San Po Kong area can reach these open spaces and nearby developments via the elevated walkway⁸ across Prince Edward Road East.

FINANCIAL IMPLICATIONS

10. We estimate the cost of the proposed project to be \$318.5 million in MOD prices, broken down as follows –

| | | \$ million (in MOD prices) |
|-----|--|---------------------------------------|
| (a) | Site works | 29.2 |
| (b) | Building works ⁹ | 22.1 |
| (c) | Building services works | 42.5 |
| (d) | Additional energy conservation, green and recycled features | 5.3 |
| (e) | Drainage works | 25.4 |
| (f) | External works ¹⁰ | 110.9 |
| (g) | Footbridge | 21.4 |
| (h) | Consultants' fees for | 13.0 |
| | (i) contract administration ¹¹ | 12.2 |
| | (ii) management of resident site staff (RSS) | 0.8 |
| | | /(i) |

⁸ The completed elevated walkway connects The Latitude in San Po Kong, Trade and Industry Tower and Airside, while the elevated walkway across the proposed open space OS6 connecting to the Comprehensive Development Area site 1M1 is under construction.

⁹ Building works cover construction of substructure and superstructure of the building.

¹⁰ External works cover outdoor flooring, construction of observation decks, dry fountain, covered seating, as well as hard and soft landscaping.

¹¹ The estimated fee covers quantity surveying, works supervision and project management, etc.

| | | \$ million (in MOD prices) |
|-----|---------------------|---------------------------------------|
| (i) | Remuneration of RSS | 19.7 |
| (j) | Contingencies | 29.0 |
| | Total | <u>318.5</u> |

11. We propose to engage consultants to undertake contract administration and site supervision of the proposed project. A detailed breakdown of the estimates for the consultants' fees and RSS costs by man-months is at Enclosure 4.

12. Subject to funding approval, we plan to phase the expenditure as follows –

| Year | \$ million (in MOD prices) |
|-------------|---------------------------------------|
| 2023 – 24 | 3.7 |
| 2024 – 25 | 97.9 |
| 2025 – 26 | 139.5 |
| 2026 – 27 | 63.2 |
| 2027 – 28 | 11.4 |
| 2028 – 29 | 1.8 |
| 2029 – 30 | 1.0 |
| | <u>318.5</u> |

13. We have derived the MOD estimates on the basis of the Government's latest set of assumptions on the trend rate of change in the prices of public sector building and construction output for the period from 2023 to 2030.

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We will deliver the proposed works under New Engineering Contract¹² form. We intend to award the contract on a lump-sum basis as the scope of the works can be clearly defined in advance. The contract will provide for price adjustments.

14. We estimate the additional annual recurrent expenditure arising from the proposed project to be \$13.9 million.

15. We adopted the design principle of “fitness for purpose and no frills” to formulate the design requirements that meet the operational needs. In the investigation and design stage of the project, we conducted comprehensive ground investigation to obtain geological information. With reference to the geological conditions, we have optimised the foundation design of the footbridge to improve cost effectiveness. The open space area of the proposed project is about 16 500 m². The estimated development unit cost¹³ is about \$15,565 per m². We consider that this unit cost is reasonable in comparison with that of similar government projects.

PUBLIC CONSULTATION

16. We consulted the Task Force on Kai Tak Harbourfront Development under the Harbourfront Commission on 6 May 2022. The Task Force had no objection to the proposed project.

17. We consulted the Culture, Recreation and District Facilities Management Committee of the Kowloon City District Council on 13 April 2023. The Committee supported the above-mentioned project.

18. We consulted the Legislative Council Panel on Development on 27 June 2023. Members supported the proposed project and the submission of the funding proposal to Public Works Subcommittee (PWSC) for consideration. We provided the supplementary information on completion/anticipated completion timeline of various open spaces under construction and proposed to be built in KTD as well as the responsible managing departments to the Panel on Development on 27 October 2023.

/ENVIRONMENTAL

¹² New Engineering Contract is a suite of contracts developed by the Institution of Civil Engineers, United Kingdom. It is a contract form that emphasises cooperation, mutual trust and collaborative risk management between contracting parties.

¹³ The estimated construction cost excluding consultancy fee, remuneration of RSS and contingencies.

ENVIRONMENTAL IMPLICATIONS

19. The proposed project is not a designated project under the Environmental Impact Assessment Ordinance (Cap. 499). We have completed a Preliminary Environmental Review (PER) for the proposed project. The PER concluded and the Director of Environmental Protection agreed that the project would not cause long-term adverse environmental impacts. We have included in the project estimate the cost of implementing suitable mitigation measures to control short-term environmental impacts of the proposed project.

20. During construction, we will require the contractor to control noise, dust and site run-off nuisances to within established standards and guidelines through the implementation of appropriate mitigation measures in the works contract. These include the use of silencers or mufflers, and acoustic linings or shields for noisy construction activities; frequent cleaning and watering of the sites, and provision of wheel-washing facilities; and the use of temporary drains to collect and discharge site run-off. We have included the cost of these measures in the overall project estimate.

21. At the planning and design stages, we have considered measures to reduce the generation of construction waste where possible (e.g. using metal site hoardings and signboards so that these materials can be recycled or reused in other projects). In addition, we will require the contractor to reuse inert construction waste (e.g. excavated soil and rock fill) on site or in other suitable construction sites as far as possible, in order to minimise the disposal of inert construction waste at public fill reception facilities (PFRFs)¹⁴. We will encourage the contractor to maximise the use of recycled or recyclable inert construction waste and the use of non-timber formwork to further reduce the generation of construction waste.

22. At the construction stage, we will require the contractor to submit for approval a plan setting out the waste management measures, which will include appropriate mitigation means to avoid, reduce, reuse and recycle inert construction waste. We will ensure that the day-to-day operations on site comply with the approved plan. We will also require the contractor to separate the inert portion from non-inert construction waste on site for disposal at appropriate facilities. We will control the disposal of inert and non-inert construction waste at PFRFs and landfills respectively through a trip-ticket system.

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¹⁴ PFRFs are specified in Schedule 4 of the Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N). Disposal of inert construction waste at PFRF requires a licence issued by the Director of Civil Engineering and Development.

23. We estimate that the proposed project will generate about 8 700 tonnes of construction waste in total. Of these, we will reuse about 220 tonnes (2.5%) of inert construction waste on site and deliver about 7 090 tonnes (81.5%) of inert construction waste to the sites of other construction projects or PFRF for subsequent reuse. We will dispose of the remaining 1 390 tonnes (16%) of non-inert construction waste at landfills. The total cost for disposal of construction waste at PFRFs and landfills is estimated to be about \$1.12 million for the proposed project (based on a unit charge rate of \$87 per tonne for disposal at PFRFs and \$365 per tonne at landfills as stipulated in the Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N)).

HERITAGE IMPLICATIONS

24. The proposed project will not affect any heritage sites, i.e. all declared monuments, proposed monuments, graded historic sites/buildings/structures, sites of archaeological interest, all sites/buildings/structures in the new list of proposed grading items, and Government historic sites identified by the Antiquities and Monuments Office.

LAND ACQUISITION

25. The proposed project does not require any private land acquisition.

ENERGY CONSERVATION, GREEN AND RECYCLED FEATURES

26. The proposed project will adopt various forms of energy efficient features and renewable energy technologies, including –

- (a) photovoltaic system; and
- (b) solar-powered light fittings.

27. For greening features, we will provide landscaping and greening features at appropriate areas for environmental and amenity benefits.

28. For recycled features, we will adopt a rainwater harvesting system for landscape irrigation with a view to conserving water.

29. The total estimated cost for adoption of the above energy conservation measures and installation is around \$5.3 million (including about \$100,000 for energy efficient features), which has been included in the cost estimate of the proposed project. The energy efficient features will achieve 3.5% energy savings in the annual energy consumption with a payback period of about eight years.

BACKGROUND INFORMATION

30. Since February 1998, we have already upgraded 9 separate parts of **469CL** to Category A for carrying out the infrastructure works in the former north apron area.

31. At the PWSC meeting on 31 October 2001, some Members suggested and the Government agreed to include information on the scope, approved project estimates and progress of all KTD (formerly known as South East Kowloon development) Public Works Programme items in future PWSC submissions relating to KTD. The information is at Enclosure 5.

32. We have engaged a consultant to carry out various services including site investigation, topographic survey, tree survey, underground utility mapping, Building Information Modelling and quantity surveying services. The total cost of these services is about \$18 million. It is funded under block allocation **Subhead 7100CX** “New towns and urban area works, studies and investigations for items in Category D of the Public Works Programme”. These services have facilitated in finalizing the scope and cost estimate of the project for seeking funding approval from the FC.

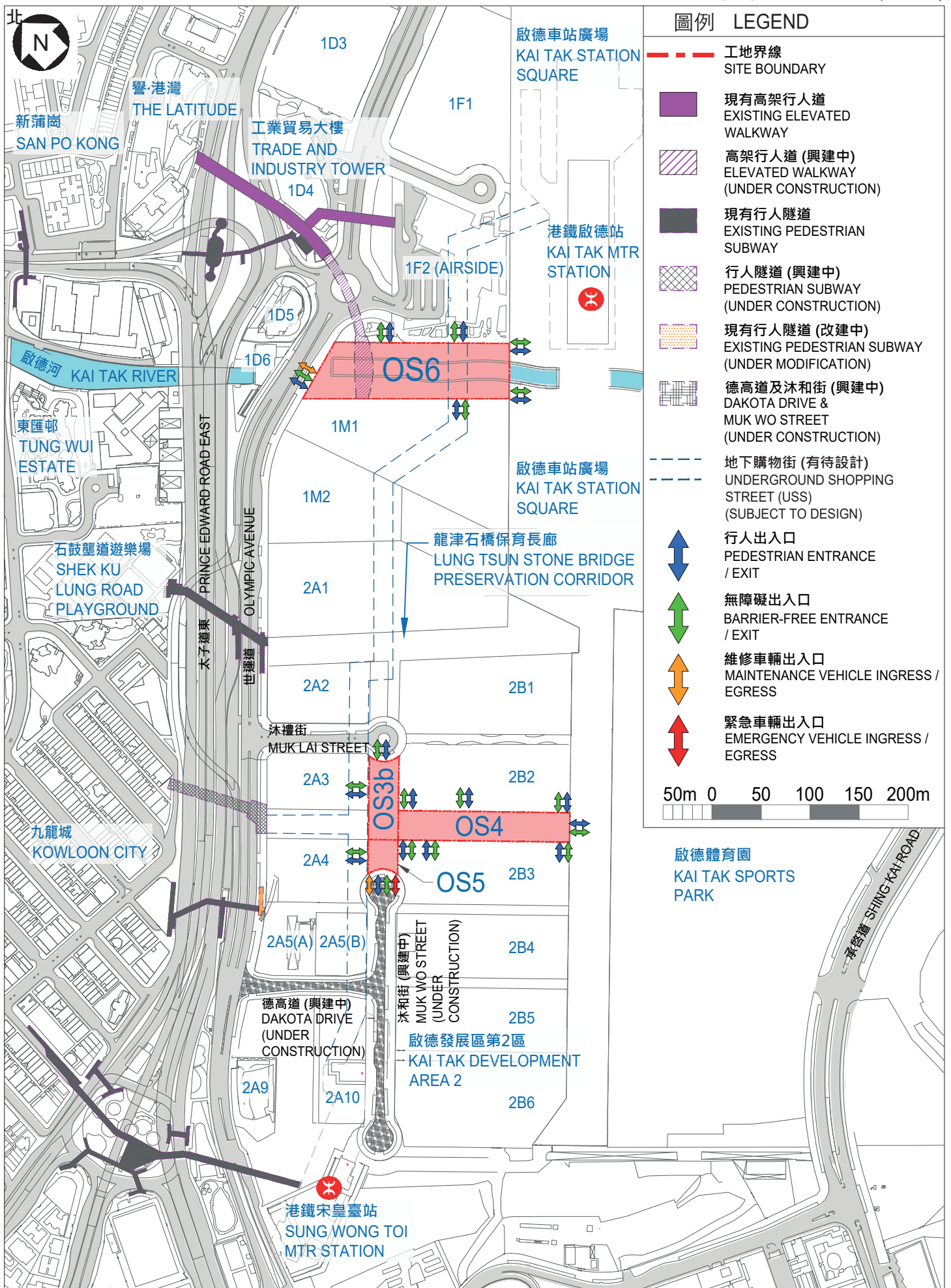
33. The proposed project involves transplanting one tree within the project boundary. The tree to be transplanted is not “a tree of particular interest”¹⁵. We will incorporate tree planting proposal as part of the project, including planting of about 110 trees, 25 000 shrubs, 22 000 groundcovers and laying 1 730 m² of turf.

34. We estimate that the proposed works will create about 60 jobs (50 for labourers and 10 for professional or technical staff) providing a total employment of 1 900 man-months.

Development Bureau
November 2023

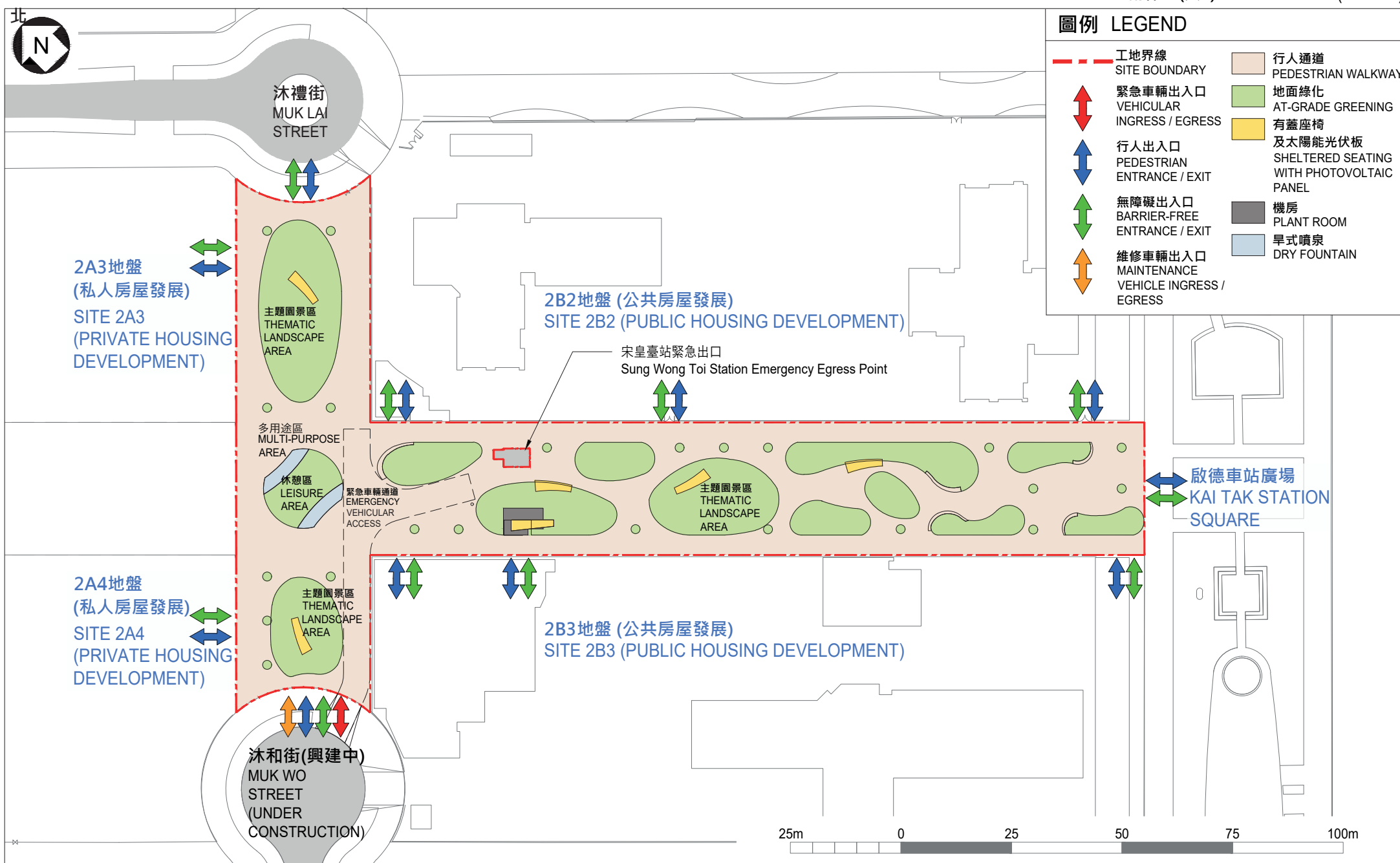
¹⁵ Trees of particular interest” are defined in paragraph 3.3 of the Guidelines for Tree Risk Assessment and Management Arrangement promulgated by the Development Bureau. Examples of trees of particular interest are listed as below for reference:

- (a) Old and Valuable Trees (OVTs) and trees that are potentially registerable in the Register of OVTs;
- (b) Trees of 100 years old or above;
- (c) Trees with trunk diameter equal to or exceeding 1.0 metre (measured at 1.3 metres above ground level), or with height/canopy spread equal to or exceeding 25 metres;
- (d) Stonewall trees or trees of outstanding form (taking account of overall tree sizes, shape and any special features);
- (e) Rare tree species listed in “Rare and Precious Plants of Hong Kong” (<https://www.herbarium.gov.hk/en/publications/books/book2/index.html>) published by the Agriculture, Fisheries and Conservation Department;
- (f) Endangered plant species protected under the Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586);
- (g) Tree species listed in the Forestry Regulations (Cap. 96A) under the Forests and Countryside Ordinance (Cap. 96);
- (h) Well-known Fung Shui trees;
- (i) Landmark trees with evidential records to support the historical or cultural significance of the trees;
- (j) Trees which may arouse widespread public concerns; and
- (k) Trees which may be subject to strong local objections on removal.



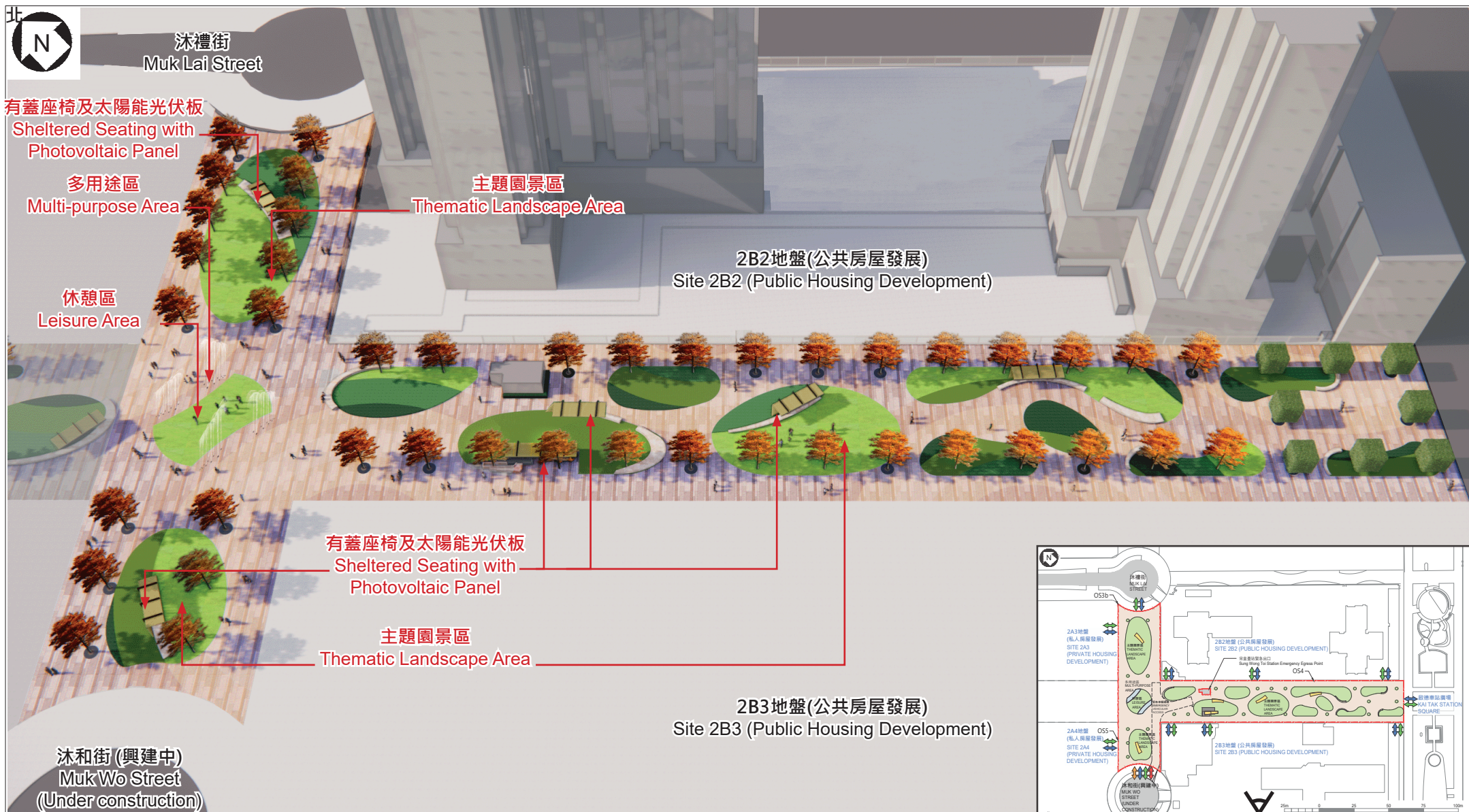
位置圖
LOCATION PLAN

469CL
啟德發展計劃 - 啟德機場北面停機坪的基礎設施
KAI TAK DEVELOPMENT - INFRASTRUCTURE AT NORTH APRON AREA OF KAI TAK AIRPORT



休憩用地OS3b、OS4及OS5
OPEN SPACES OS3b, OS4 & OS5
工地平面圖 SITE PLAN

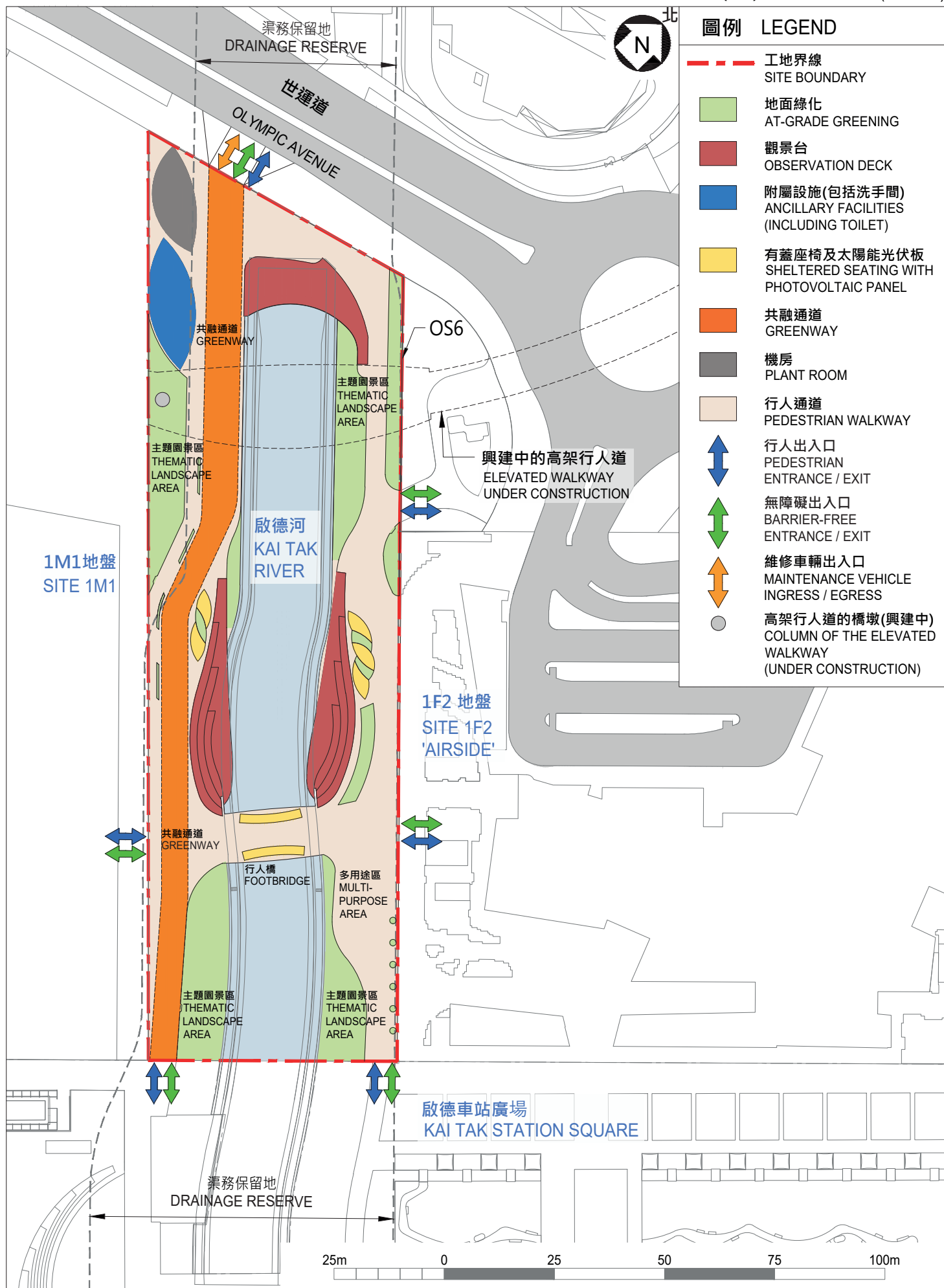
469CL
啟德發展計劃 - 啟德機場北面停機坪的基礎設施
KAI TAK DEVELOPMENT - INFRASTRUCTURE AT NORTH APRON AREA OF KAI TAK AIRPORT



從西南面望向休憩用地OS3b、OS4及OS5的構思透視圖
PERSPECTIVE VIEW OF OPEN SPACES OS3b, OS4 & OS5 FROM SOUTH WEST DIRECTION

休憩用地OS3b、OS4及OS5
 OPEN SPACES OS3b, OS4 & OS5
 構想圖 ARTIST'S IMPRESSION

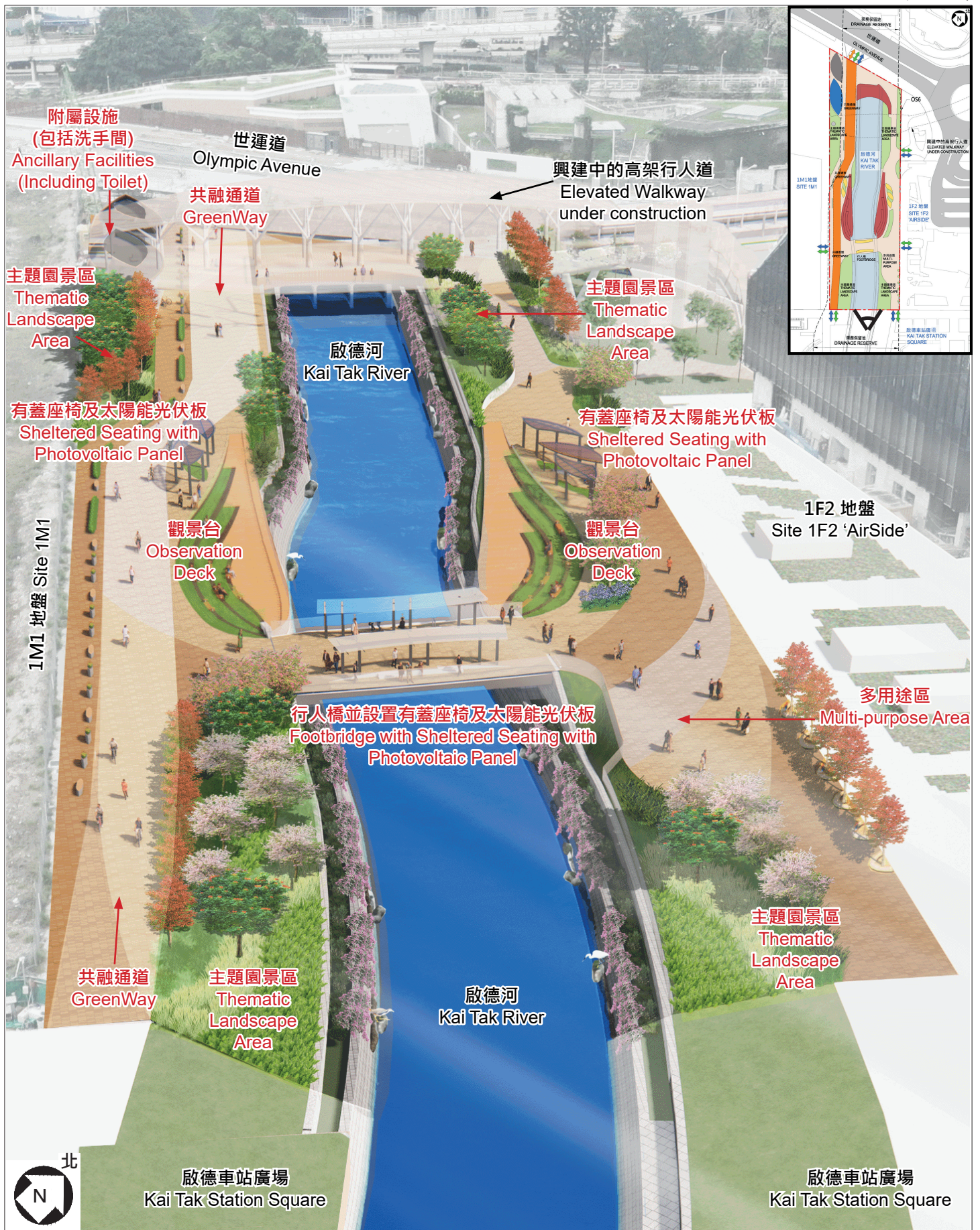
469CL
 啟德發展計劃 - 啟德機場北面停機坪的基礎設施
 KAI TAK DEVELOPMENT - INFRASTRUCTURE AT NORTH APRON AREA OF KAI TAK AIRPORT



休憩用地OS6
OPEN SPACE OS6

工地平面圖
SITE PLAN

469CL
啟德發展計劃 - 啟德機場北面停機坪的基礎設施
KAI TAK DEVELOPMENT - INFRASTRUCTURE AT NORTH APRON AREA OF KAI TAK AIRPORT



從東南面望向休憩用地OS6的構思透視圖

PERSPECTIVE VIEW OF OPEN SPACE OS6 FROM SOUTH EAST DIRECTION

休憩用地OS6
OPEN SPACE OS6
構想圖
ARTIST'S
IMPRESSION

469CL
啟德發展計劃 - 啟德機場北面停機坪的基礎設施
KAI TAK DEVELOPMENT - INFRASTRUCTURE AT NORTH APRON
AREA OF KAI TAK AIRPORT

土木工程拓展署
Civil Engineering and
Development Department

**469CL – Kai Tak Development –
Infrastructure at North Apron Area of Kai Tak Airport**

**Breakdown of the estimates for consultants' fees and resident site staff costs
(in September 2023 prices)**

| | | | Estimated man- months | Average MPS* salary point | Multiplier (Note 1) | Estimated fee (\$ million) |
|-----|--|--------------|-----------------------------|------------------------------------|------------------------|----------------------------------|
| (a) | Consultants' fees for contract administration (Note 2) | Professional | - | - | - | 7.4 |
| | | Technical | - | - | - | 3.6 |
| | | | | | Sub-total | 11.0# |
| (b) | Resident site staff (RSS) costs (Note 3) | Professional | 36 | 38 | 1.6 | 5.2 |
| | | Technical | 254 | 14 | 1.6 | 13.2 |
| | | | | | Sub-total | 18.4 |
| | Comprising – | | | | | |
| | (i) Consultants' fees for management of RSS | | | | 0.7# | |
| | (ii) Remuneration of RSS | | | | 17.7# | |
| | | | | | Total | 29.4 |

*MPS = Master Pay Scale

Notes

1. A multiplier of 1.6 is applied to the average MPS salary point to estimate the cost of RSS supplied by the consultants (as at now, MPS salary point 38 = \$90,540 per month and MPS salary point 14 = \$32,430 per month).
2. The consultants' fees for contract administration are calculated in accordance with the existing consultancy agreement for the design and construction of the proposed project. The construction phase for the works of the assignment will only be executed subject to the Finance Committee's approval to upgrade part of **469CL** to Category A.
3. The actual man-months and actual costs will only be known after the completion of the construction works.

Remarks

The cost figures in this Enclosure are shown in constant prices to correlate with the MPS salary point of the same year. The cost figures marked with # are shown in money-of-the-day prices in paragraph 10 of the main paper.

Kai Tak Development
List of Public Works Programme (PWP) Items in Category A

(Note: For details on the project scope of the PWP items listed below, please refer to the corresponding PWSC papers.)

| | |
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| PWP item no.: | 440CL |
| Project title: | South East Kowloon development–comprehensive feasibility study |
| Date of upgrading to Category A: | April 1995 |
| Approved project estimate: | \$220 million |
| Project scope: | The project comprises a comprehensive feasibility study for the whole South East Kowloon area, as well as associated laboratory testing and site investigation works. |
| Brief account of progress: | (a) The feasibility study was completed in December 2003. |
| | (b) The project account was finalised at the sum of \$185.2 million. |

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| PWP item no.: | 494CL (part upgraded from 469CL) |
| Project title: | South East Kowloon development at Kai Tak Airport – decontamination and site preparation |
| Date of upgrading to Category A: | February 1998 |
| Approved project estimate: | \$316.9 million |
| Project scope: | Ground decontamination, demolition of existing buildings and structures and site preparation at the north apron of Kai Tak Airport. |

Brief account of progress: (a) The civil engineering works and the post-decontamination monitoring works were completed in April 2002 and December 2003 respectively.

(b) The project account was finalised at the sum of \$281.8 million.

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PWP item no.: **694CL** (part upgraded from **469CL**)

Project title: South East Kowloon development at Kai Tak Airport – consultants' fees and site investigation

Date of upgrading to Category A: November 2001

Approved project estimate: \$115.9 million

Project scope: Site investigation works and detailed design for 6 kilometres (km) drainage box culverts, five sewage pumping stations, flyovers, roads, sewerage, drainage and demolition of the passenger terminal building for the planned developments in the north apron area of Kai Tak Airport.

Brief account of progress: (a) Consultancy started in January 2002.

(b) In the light of the Court of Final Appeal (CFA)'s ruling on harbour reclamation under the Protection of the Harbour Ordinance (Cap. 531), the consultancy had been suspended since December 2003 and was terminated in July 2006.

(c) The project account was finalised at the sum of \$6.1 million.

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| PWP item no.: | 693CL (part upgraded from 465CL) |
| Project title: | South East Kowloon development – consultants’ fees and site investigation for Kai Tak Approach Channel (KTAC) reclamation |
| Date of upgrading to Category A: | November 2001 |
| Approved project estimate: | \$63.8 million |
| Project scope: | Site investigation works and detailed design for treatment of contaminated sediments and reclamation of KTAC, drainage and demolition of the existing airport taxiway bridge in KTAC. |
| Brief account of progress: | <p>(a) Consultancy started in January 2002.</p> <p>(b) In the light of the CFA’s ruling on harbour reclamation under the Protection of the Harbour Ordinance (Cap. 531), the consultancy had been suspended since December 2003 and was terminated in July 2006.</p> <p>(c) The project account was finalised at the sum of \$50.2 million.</p> |

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| PWP item no.: | 699CL (part upgraded from 482CL) |
| Project title: | South East Kowloon development – consultants’ fees and site investigation for Kowloon Bay reclamation and engineering works |
| Date of upgrading to Category A: | July 2002 |
| Approved project estimate: | \$105.7 million |
| Project scope: | Site investigation works and detailed design for treatment of contaminated sediments and reclamation |

of Kowloon Bay, marine structures and facilities, roads, drainage and sewerage works.

Brief account of progress:

- (a) Consultancy started in December 2002.
- (b) In the light of CFA's ruling on harbour reclamation under the Protection of the Harbour Ordinance (Cap. 531), the consultancy had been suspended since December 2003 and was terminated in July 2006.
- (c) The project account was finalised at the sum of \$6.1 million.

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PWP item no.: **708CL** (part upgraded from **469CL**)

Project title: South East Kowloon development – site preparation and drainage works at north apron area of Kai Tak Airport

Date of upgrading to Category A: February 2004

Approved project estimate: \$131.6 million

Project scope: Construction of a twin-cell box culvert of about 600 m long, decommissioning of an existing culvert, demolition of the passenger terminal building and car-parking building at north apron area of Kai Tak Airport.

Brief account of progress: (a) Works contract commenced in April 2004 and was completed in September 2006.

- (b) The project account was finalised at the sum of \$131.3 million.

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| PWP item no.: | 719CL |
| Project title: | Kai Tak development – engineering review |
| Date of upgrading to Category A: | December 2006 |
| Approved project estimate: | \$87.5 million |
| Project scope: | A study to confirm the detailed engineering feasibility of the revised Preliminary Outline Development Plan of Kai Tak development, preliminary preparatory work for the early development of the cruise terminal in Kai Tak. |
| Brief account of progress: | <p>(a) Consultancy commenced in January 2007 and completed in April 2010.</p> <p>(b) The project account was finalised at the sum of \$76.4 million.</p> |

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| PWP item no.: | 724CL (part upgraded from 711CL) |
| Project title: | Kai Tak development – investigation and detailed design for advance infrastructure works for developments at the southern part of the former runway |
| Date of upgrading to Category A: | December 2006 |
| Approved project estimate: | \$38 million |
| Project scope: | Investigation and detailed design for roads, drainage, sewerage, watermains, relocation and reprovisioning of existing radar facilities for the proposed developments at the southern part of the former runway. |
| Brief account of progress: | (a) Consultancy commenced in January 2007. |

- (b) Design of the decommissioning and decontamination works at the south apron and relocation and reprovision of Marine Vessel Traffic Services radar was completed.
- (c) Design of the stage 1 advance infrastructure works was completed.
- (d) Design of the remaining infrastructure works was completed.

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| PWP item no.: | 734CL (part upgraded from 711CL) |
| Project title: | Kai Tak development – decommissioning and decontamination works at the south apron of the former Kai Tak Airport and installation of supplementary radar at North Point Government Offices (NPGO) |
| Date of upgrading to Category A: | February 2008 |
| Approved project estimate: | \$120.1 million |
| Project scope: | Decommissioning and decontamination of about 12 600 square metres of land at the south apron of the former Kai Tak Airport, installation of a supplementary radar at NPGO and associated works. |
| Brief account of progress: | <ul style="list-style-type: none"> (a) Works contract commenced in May 2008 and was completed in January 2010. (b) The project account was finalised at the sum of \$82.5 million. |

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| PWP item no.: | 738CL (part upgraded from 465CL) |
| Project title: | Kai Tak development – detailed design and site investigation for Kai Tak Approach Channel and Kwun Tong typhoon shelter improvement works. |
| Date of upgrading to Category A: | May 2009 |
| Approved project estimate: | \$50 million |
| Project scope: | Site investigation works, environmental mitigation trial and monitoring, and detailed design for treatment of the contaminated sediments, forming of a 600 m opening at the former runway with a piled deck on the top and associated works. |
| Brief account of progress: | <p>(a) Consultancy commenced in August 2009.</p> <p>(b) Detailed design of Phase 1 works was completed.</p> <p>(c) Phase 2 works are planned for completion from end 2023 to early 2024.</p> |

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| PWP item no.: | 740CL (part upgraded from 702CL) |
| Project title: | Kai Tak development – detailed design and site investigation for remaining infrastructure works for developments at the former runway |
| Date of upgrading to Category A: | May 2009 |
| Approved project estimate: | \$32 million |
| Project scope: | Site investigation works and detailed design for a road including a piled deck on the former runway; roads, footbridges, drainage, sewerage and water mains in south apron; and associated works. |

- Brief account of progress:
- (a) Consultancy commenced in July 2009.
 - (b) Design of Road D3 (Metro Park Section) and its associated works were completed.
 - (c) Detailed design of the remaining infrastructure works is in progress.

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PWP item no.: **739CL** (part upgraded from **469CL**)

Project title: Kai Tak development – stage 1 infrastructure works at north apron area of Kai Tak Airport

Date of upgrading to Category A: May 2009

Approved project estimate: \$566.5 million

Project scope: Construction of about 2.6 km of new roads and other roadworks within the north apron area; two footbridges, two drainage box culverts, improvement to three existing subways across Prince Edward Road East, drainage, sewerage, water mains and associated works.

Brief account of progress: (a) Works commenced in July 2009 and were completed in December 2013.

(b) The project account was finalised at the sum of \$508.5 million.

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PWP item no.: **741CL** (part upgraded from **711CL**)

Project title: Kai Tak development – stage 1 advance infrastructure works for developments at the southern part of the former runway

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| Date of upgrading to Category A: | May 2009 |
| Approved project estimate: | \$539.6 million |
| Project scope: | Construction of about 1.8 km carriageway, a fireboat berth cum landing steps, drainage, a sewage pumping station, sewerage, water mains and associated works for developments at the southern part of the former runway. |
| Brief account of progress: | <p>(a) Works contract commenced in September 2009 and was completed in December 2013.</p> <p>(b) The project account was finalised at the sum of \$530.2 million.</p> |

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| PWP item no.: | 841TH (part upgraded from 785TH) |
| Project title: | Trunk Road T2 – investigation and design |
| Date of upgrading to Category A: | June 2009 |
| Approved project estimate: | \$133.6 million |
| Project scope: | Impact assessments on environment, traffic, marine, heritage and other related aspects; detailed design of the works and associated site investigations and supervision for Trunk Road T2. |
| Brief account of progress: | <p>(a) Consultancy commenced in July 2009.</p> <p>(b) The environmental impact assessment report was approved in September 2013.</p> <p>(c) Detailed design of the works was completed.</p> <p>(d) Project account finalisation is in progress.</p> |

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| PWP item no.: | 45CG |
| Project title: | District Cooling System at the Kai Tak Development |
| Date of upgrading to Category A: | June 2009 |
| Approved project estimate: | \$4,945.5 million (approved by the Finance Committee on 4 January 2019) for Phase I, Phase II and Phase III (Package A, B, C & R) of the project |
| Project scope: | Construction of a northern chiller plant; construction of a southern underground chiller plant cum underground seawater pump house and above-ground operational facilities; laying of seawater intake and discharge pipelines; laying of chilled water distribution pipe networks; and provision of connection facilities at user buildings at Kai Tak development. |
| Brief account of progress: | <p>(a) Construction for Phase I commenced in February 2011 and was completed in January 2013.</p> <p>(b) Construction for Phase II commenced in March 2011 and was completed in September 2014.</p> <p>(c) Construction for Phase III (Package A) commenced in July 2013 and was completed in September 2017.</p> <p>(d) Construction for Phase III (Package B) commenced in September 2015 was completed in June 2020.</p> <p>(e) Construction for Phase III (Package C) commenced in September 2016 was completed in August 2020.</p> |

- (f) Construction for remaining works under Phase III (Package R) commenced in January 2019 for completion by end 2025.

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PWP item no.: **357DS**

Project title: Sewage interception scheme in Kowloon City

Date of upgrading to Category A: June 2009

Approved project estimate: \$700.3 million

Project scope: (a) construction of two new sewage pumping stations at the edge of the Kai Tak Development area adjoining Prince Edward Road East and Olympic Avenue;

(b) construction of about 1.5 km of twin rising mains and gravity sewers along the edge of the Kai Tak Development area to To Kwa Wan Road;

(c) construction of about 200 m of gravity sewers at To Kwa Wan Road; and

(d) ancillary works such as landscaping works.

Brief account of progress: (a) The works contract commenced in July 2009 and was completed in July 2012.

(b) The project account was finalised.

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PWP item no.: **736CL**

Project title: Site formation for Kai Tak cruise terminal development

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| Date of upgrading to Category A: | November 2009 |
| Approved project estimate: | \$2,303.9 million |
| Project scope: | Construction of about 1.1 km long seawall, piled structures, marine facilities and structures, and dredging works for Kai Tak Cruise Terminal. |
| Brief account of progress: | <p>(a) The site formation for Kai Tak cruise terminal development was completed, with the first berth and the second berth commenced operations in June 2013 and September 2014 respectively. Remaining dredging was completed in December 2015.</p> <p>(b) The project account was finalised at the sum of \$1,362.7 million.</p> |

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| PWP item no.: | 7GA |
| Project title: | Cruise terminal building and ancillary facilities for the Kai Tak cruise terminal development |
| Date of upgrading to Category A: | April 2010 |
| Approved project estimate: | \$5,852.1 million |
| Project scope: | Development of new cruise terminal facilities at the southern end of the former runway at the Kai Tak development; and provisions of building services to the apron area. |
| Brief account of progress: | <p>(a) Works contract commenced in May 2010 and was completed in May 2013.</p> <p>(b) The project account was finalised in March 2019.</p> |

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| PWP item no.: | 745CL (part upgraded from 465CL) |
| Project title: | Kai Tak development – Kai Tak approach channel and Kwun Tong typhoon shelter improvement works (Phase 1) |
| Date of upgrading to Category A: | June 2011 |
| Approved project estimate: | \$717.7 million |
| Project scope: | Bioremediation treatment of the contaminated sediments over an area of about 90 hectares of seabed at KTAC and Kwun Tong typhoon shelter, dredging of seabed at KTAC, and demolition of a disused dolphin and associated improvement works in the vicinity of To Kwa Wan Typhoon Shelter. |
| Brief account of progress: | <p>(a) Works contract commenced in July 2011 and was completed in July 2014.</p> <p>(b) Project account was finalised at the sum of \$427.6 million.</p> |

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| PWP item no.: | 746CL (part upgraded from 469CL) |
| Project title: | Kai Tak development – stage 2 infrastructure at north apron area of Kai Tak Airport |
| Date of upgrading to Category A: | June 2011 |
| Approved project estimate: | \$355.8 million |
| Project scope: | Construction of about 590 m roads, about 2110 m footpaths, drainage box culverts, sewage pumping station and associated works. |
| Brief account of progress: | <p>(a) Works contract commenced in July 2011 and was completed in June 2015.</p> |

- (b) Project account finalisation is planned for completion in 2023 – 24.

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| PWP item no.: | 749CL (part upgraded from 711CL) |
| Project title: | Kai Tak development – reprovisioning of radar on top of the cruise terminal building |
| Date of upgrading to Category A: | June 2011 |
| Approved project estimate: | \$88.4 million |
| Project scope: | Reprovisioning of a radar and associated signal processing and relaying equipment and construction of a radome, a radome base support and associated works. |
| Brief account of progress: | <p>(a) The works contract commenced in August 2011 and was completed in June 2013.</p> <p>(b) The project account was finalised at the sum of \$87.7 million.</p> |

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| PWP item no.: | 172BF |
| Project title: | Construction of fire station-cum-ambulance facility at Cheung Yip Street, Kowloon Bay |
| Date of upgrading to Category A: | July 2011 |
| Approved project estimate: | \$210 million |
| Project scope: | Construction of a new six-storey fire station with ambulance facility-cum-an urban search and rescue equipment store in Kowloon Bay. |
| Brief account of progress: | (a) Works contract commenced in July 2011 and was completed in June 2013. |

(b) The project account was finalised.

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PWP item no.: **109KA**

Project title: Construction of Trade and Industry Tower in Kai Tak Development Area

Date of upgrading to Category A: January 2012

Approved project estimate: \$2,645.1 million

Project scope: Construction of government offices and ancillary property management facilities providing a net operational floor area (NOFA) of around 32 400 m², and a community hall of about 600 m² in NOFA.

Brief account of progress: (a) Works contract commenced in January 2012 and was completed in April 2015.

(b) The project account was finalised.

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PWP item no.: **443RO** (part upgraded from **425RO**)

Project title: Runway Park at Kai Tak, Kowloon City District – Phase 1

Date of upgrading to Category A: July 2012

Approved project estimate: \$169.7 million

Project scope: Construction of a 270 m long waterfront promenade at the runway tip facing Lei Yue Mun and along the waterfront facing Kwun Tong, a large lawn with seating and extensive soft landscape planting, and ancillary facilities.

Brief account of progress: (a) Works contract commenced in August 2012 and was completed in April 2014.

(b) The project account was finalised.

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PWP item no.: **439RO**

Project title: Kwun Tong promenade (stage 2)

Date of upgrading to Category A: July 2012

Approved project estimate: \$250.7 million

Project scope: Construction of a 750 m long waterfront promenade at the former Kwun Tong Public Cargo Working Area with a boardwalk, and upgrading works for the Kwun Tong promenade (stage 1), including installation of more lighting, close-circuit television and a public address system.

Brief account of progress: (a) Works contract commenced in February 2013 and was completed in December 2014.

(b) The project account was finalised.

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PWP item no.: **167CD** (part upgraded from **469CL**)

Project title: Kai Tak development – reconstruction and upgrading of Kai Tak Nullah

Date of upgrading to Category A: January 2013

Approved project estimate: \$2,488.2 million

Project scope: Reconstruction and upgrading of Kai Tak Nullah from Prince Edward Road East to KTAC, construction of two enclosed desilting compounds with vehicular access and ancillary works.

Brief account of progress: (a) Works contract commenced in January 2013 and was completed in April 2018.

(b) The project account was finalised.

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PWP item no.: **76MM**

Project title: Establishment of the Centre of Excellence in Paediatrics (Hong Kong Children's Hospital)

Date of upgrading to Category A: June 2013

Approved project estimate: \$12,985.5 million

Project scope: Establishment of the Centre of Excellence in Paediatrics with 468 beds in the south apron of the Kai Tak development.

Brief account of progress: (a) Works contract commenced in August 2013 and was completed in September 2017.

(b) The project account was finalised.

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PWP item no.: **761CL** (part upgraded from **469CL**)

Project title: Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport

Date of upgrading to Category A: June 2013

Approved project estimate: \$2,255.3 million

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| Project scope: | <p>Stage 3A –</p> <p>Construction of roads, a vehicular underpass, a pedestrian subway, extension of an existing subway, reconstruction of existing roads, associated drainage, sewerage, water mains, roadworks and other ancillary works; and</p> <p>Stage 4 –</p> <p>Construction of roads, reconstruction and widening of existing footpaths, two sewage pumping stations, twin rising mains, associated drainage and sewerage works and other ancillary works.</p> |
| Brief account of progress: | <p>Works contracts commenced in stages starting from July 2013. Stage 3A Contract was completed in June 2017 and Stage 4 works were completed in March 2019. Project account finalisation of Stage 4 works is planned for completion in 2024.</p> |

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| PWP item no.: | 349EP |
| Project title: | A 30-classroom primary school at site 1A-3, Kai Tak development, Kowloon |
| Date of upgrading to Category A: | July 2013 |
| Approved project estimate: | \$312.4 million |
| Project scope: | Construction of a 30-classroom primary school at site 1A-3, Kai Tak development |
| Brief account of progress: | <p>(a) Works contract commenced in November 2013 and was completed in December 2015.</p> <p>(b) The project account was finalised.</p> |

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PWP item no.: **350EP**

Project title: A 30-classroom primary school at site 1A-4, Kai Tak development, Kowloon

Date of upgrading to Category A: July 2013

Approved project estimate: \$317.5 million

Project scope: Construction of a 30-classroom primary school at site 1A-4, Kai Tak development

Brief account of progress: (a) Works contract commenced in November 2013 and was completed in December 2015.

(b) The project account was finalised.

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PWP item no.: **287RS** (part upgraded from **272RS**)

Project title: Kai Tak Multi-purpose Sports Complex – pre-construction works

Date of upgrading to Category A: July 2015

Approved project estimate: \$62.7 million

Project scope: Preparation of technical specifications, cost estimate, tender documents (including information in ground investigation, utility mapping, topographic and tree surveys) and tender assessment for the main works

Brief account of progress: (a) The pre-construction works commenced in phases since December 2015 and were completed in December 2018.

(b) The project account was finalised in December 2018 at the sum of \$61 million.

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| PWP item no.: | 711CL |
| Project title: | Kai Tak development – infrastructure works for developments at the southern part of the former runway |
| Date of upgrading to Category A: | July 2015 |
| Approved project estimate: | \$5,757.1 million |
| Project scope: | Construction of roads, an elevated landscaped deck with lifts and staircases, roadside noise barriers, a supporting underground structure as enabling works to facilitate future construction of Trunk Road T2, improvement to three existing road junctions in Kowloon Bay, associated drainage, sewerage, water mains, roadworks, landscaping and other ancillary works. |
| Brief account of progress: | <p>(a) Works contracts commenced in November 2015 and substantially completed in December 2019.</p> <p>(b) Project account finalisation is in progress.</p> |
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| PWP item no.: | 65TR |
| Project title: | Detailed Feasibility Study for Environmentally Friendly Linkage System (EFLS) for Kowloon East |
| Date of upgrading to Category A: | July 2015 |
| Approved project estimate: | \$92.3 million |
| Project scope: | (a) evaluation of the most suitable green transport mode(s) for EFLS and formulation of a well-planned integrated multi-modal linkage |

system to enhance the connectivity of Kowloon East;

- (b) examination of financial viability and environmental acceptability as well as technical feasibility for EFLS;
- (c) examination of the impact of the proposed Kwun Tong Transportation Link on the use of the water body at the Kwun Tong Typhoon Shelter and Kai Tak Approach Channel and formulation of mitigation measures;
- (d) review and examination on the network development for EFLS; and
- (e) assessment on innovative designs, and arrangements for enhancing attractiveness and cost-effectiveness for EFLS.

Brief account of progress:

The detailed feasibility study was completed. The study suggests implementing a "multi-modal" EFLS in the district, which will be more effective and desirable than a standalone infrastructure. Views of the public will be collected to optimise the various recommended measures and initiate the implementation work, striving to complete in a progressive manner the various recommended measures in the next few years.

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| PWP item no.: | 797CL (part upgraded from 469CL) |
| Project title: | Kai Tak development – Stage 3B and 5A infrastructure works at former north apron area |
| Date of upgrading to Category A: | May 2016 |
| Approved project estimate: | \$2,152.8 million |

Project scope: Stage 3B –
Construction of roads, an elevated landscaped walkway, a pedestrian subway, demolition of an existing flyover, road modification works, associated drainage, sewerage, watermains, landscaping and other ancillary works; and

Stage 5A –

Construction of roads, a pedestrian subway, associated drainage including box culverts, sewerage, watermains, landscaping and other ancillary works.

Brief account of progress: Works contracts commenced in stages starting from September 2016 and have been substantially completed in October 2022.

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PWP item no.: **237LP**

Project title: Kowloon East Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station

Date of upgrading to Category A: May 2016

Approved project estimate: \$3,186 million

Project scope: Demolition of existing vacated Kai Tak Operational Base, construction of an integrated complex and demolition of building and facilities upon commissioning of the integrated complex

Brief account of progress: (a) Construction of the integrated complex commenced in July 2016 and was completed in March 2020.

(b) The project account was finalised at the sum of \$2,410.29 million.

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| PWP item no.: | 271ES |
| Project title: | A 30-classroom secondary school at Site 1A-2, Kai Tak development |
| Date of upgrading to Category A | June 2016 |
| Approved project estimate: | \$446.7 million |
| Project scope: | Construction of a 30-classroom secondary school and ancillary facilities |
| Brief account of progress: | <p>(a) Works contract commenced in December 2016 and was completed in June 2019.</p> <p>(b) Project account finalisation is in progress.</p> |

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| PWP item no.: | 272RS |
| Project title: | Kai Tak Sports Park– construction works |
| Date of upgrading to Category A: | June 2017 |
| Approved project estimate: | \$31,898 million |
| Project scope: | Design, construction and operation of the Kai Tak Sports Park which occupied a site of around 28 hectares in the north apron of the former Hong Kong International Airport in Kai Tak comprising a multi-purpose Main Stadium, a Public Sports Ground, an Indoor Sports Centre, retail outlets and dining facilities and public open space. |
| Brief account of progress: | Works contract was awarded in December 2018 and commenced in February 2019. The main facilities of |

the Sports Park are planned for completion in phases by the end of 2024.

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| PWP item no.: | 92MM (part upgraded from 87MM) |
| Project title: | New Acute Hospital (NAH) at Kai Tak Development Area – preparatory works |
| Date of upgrading to Category A: | July 2017 |
| Approved project estimate: | \$769.3 million |
| Project scope: | <p>(a) consultancy services for outline the sketch design and detailed design, as well as preparation of tender documentation and tender assessment for the proposed NAH and the adjoining section of the waterfront promenade; and</p> <p>(b) site investigations and minor studies (such as preliminary environmental review, tree and topographical surveys, utilities survey and survey for impact assessment studies, etc.).</p> |
| Brief account of progress: | <p>(a) Project has been entrusted to the Hospital Authority (HA). Consultants were engaged by HA in September 2017.</p> <p>(b) Detailed design and tender documentation for main building works have been completed. Tenders for waterfront part and the near-urban part were completed in December 2021 and April 2023 respectively, and the works are planned for completion by mid-2025 and end 2026 respectively.</p> |

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| PWP item no.: | 413DS |
| Project title: | Enhancement Works for Kwun Tong Sewage Pumping Station |
| Date of upgrading to Category A: | July 2017 |
| Approved project estimate: | \$1,054.4 million |
| Project scope: | <p>The proposed scope of works comprises the provision of –</p> <ul style="list-style-type: none"> (a) a balancing facility with a capacity of 16 000 cubic metres and its associated facilities; (b) a plant house with ventilation system and landscaped deck at the roof of plant house; (c) deodorisation facilities; and (d) ancillary works. |
| Brief account of progress: | <p>Works contract commenced in December 2017 for completion in Q4 2022. Landscape deck and harbourfront spaces were handed over to LCSD on 18 August 2023 and open for public use on 24 August 2023.</p> |

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| PWP item no.: | 122KA |
| Project title: | Inland Revenue Tower in Kai Tak Development |
| Date of upgrading to Category A: | April 2018 |
| Approved project estimate: | \$3,600 million |
| Project scope: | (a) offices and other support facilities including |

conference rooms, interview rooms, training rooms, a lecture hall, a departmental library and storage areas;

- (b) public services counters (e.g. enquiry counters and shroff counters) and waiting areas for the public;
- (c) a telephone enquiry centre;
- (d) operational equipment, including system printing rooms, and a room for mail-inserting system and folding machines;
- (e) a document processing centre for handling incoming mails, business returns and individuals returns, and for scanning documents;
- (f) a computer data centre (comprising data control rooms, server farm, media library, printer and console areas), data preparation rooms, and network distribution rooms;
- (g) other miscellaneous facilities including staff lactation rooms, baby care room, pantries, toilet facilities, facilities for the disabled, a security control room, plant rooms, maintenance offices and workshops; and
- (h) a car park with a total of 66 parking spaces at grade including double-deckers located outside the building, for departmental, staff and visitor vehicles.

Brief account of progress:

Works contract commenced in August 2018 and was completed in June 2022. The facilities were delivered to the Inland Revenue Department in July 2022.

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| PWP item no.: | 436RO |
| Project title: | Avenue Park at Kai Tak |
| Date of upgrading to Category A: | May 2018 |
| Approved project estimate: | \$321.9 million |
| Project scope: | (a) thematic gardens; (b) a children's play area and a fitness area; (c) a basketball court; (d) covered walkways to connect the proposed Station Square where the future Kai Tak Station is located; and (e) ancillary facilities such as a park management office, toilets and baby care rooms. |
| Brief account of progress: | Works contract was completed in June 2021. |

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| PWP item no.: | 188GK |
| Project title: | Government Flying Service (GFS) Kai Tak Division |
| Date of upgrading to Category A: | May 2018 |
| Approved project estimate: | \$469.1 million |
| Project scope: | (a) construction of an apron to provide a helicopter take-off/landing pad, two helicopter |

parking pads and the associated safety/protection areas;

- (b) construction of an office building to accommodate an Air Command and Control Centre, a Flight Planning Centre and ancillary facilities including offices for GFS's aircrew, engineering and administration staff, a multi-purpose function room for mission planning, briefing, training and meeting, and an aircraft and mission equipment storage area;
- (c) construction of a hangar to accommodate two helicopters and the associated maintenance equipment;
- (d) provision of supporting facilities for helicopter operation including radio and communication facilities, navigation, security and surveillance systems, helicopter refueling facilities and firefighting facilities; and
- (e) associated civil, drainage, sewerage, water supply, building and landscaping works, etc.

Brief account of progress:

- (a) Works contract commenced in November 2018 and has been substantially completed in August 2021.
- (b) The project account finalisation is in progress.

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PWP item no.:

452RO

Project title:

Waterfront promenade adjacent to the Hong Kong Children's Hospital

Date of upgrading to Category A:

May 2018

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| Approved project estimate: | \$82.2 million |
| Project scope: | <ul style="list-style-type: none"> (a) a continuous pedestrian waterfront promenade; (b) landscaped areas with benches, sheltered seating and flowering trees; (c) a children's play area; and (d) ancillary facilities including toilets, a baby care room, etc. |
| Brief account of progress: | <ul style="list-style-type: none"> (a) Works contract was completed in November 2020. (b) The project account finalisation is in progress. |

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| PWP item no.: | 94MM (part upgraded from 87MM) |
| Project title: | New Acute Hospital at Kai Tak Development Area – foundation, excavation and lateral support, and basement excavation works |
| Date of upgrading to Category A: | May 2018 |
| Approved project estimate: | \$5,356.8 million |
| Project scope: | <ul style="list-style-type: none"> (a) foundation works; (b) excavation and lateral support works; (c) basement excavation works; (d) pile cap construction works; and (e) basement slab works. |
| Brief account of | (a) Project has been entrusted to the HA. |

progress: Consultants were engaged by HA in September 2017 under **92MM**.

- (b) Works contract for Foundation, Excavation & Lateral Support, and Basement Excavation Works commenced in September 2018.
- (c) The waterfront part of the works contract was completed in February 2022, while completion of the remaining near-urban part of the works was deferred to June 2023 due to technical problems with site settlement and reinstatement of gate slabs. The site was then handed over to the superstructure contractor to commence the superstructure works.

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PWP item no.: **467RO**

Project title: Station Square at Kai Tak

Date of upgrading to Category A: June 2018

Approved project estimate: \$1,651.5 million

- Project scope:
- (a) an open plaza with a landmark feature;
 - (b) a Tai Chi plaza;
 - (c) two lawn bowling greens;
 - (d) a children's play area;
 - (e) fitness stations (including fitness equipment for the elderly);
 - (f) cycling grounds;

- (g) a cycle track connected to the Kai Tak cycle track network;
- (h) a jogging track;
- (i) a pet garden;
- (j) a large lawn for casual leisure use;
- (k) shaded seating areas;
- (l) soft landscaping and artwork;
- (m) a covered pedestrian passage to facilitate visitors walking between the future Kai Tak Station of Shatin-to-Central Link (SCL) and the Kai Tak Sports Park; and covered pedestrian pathways to facilitate movement between the two public housing estates (i.e. Kai Ching and Tak Long Estates) and the future SCL Kai Tak Station respectively; and
- (n) ancillary facilities including a park management office, toilets, changing rooms, a refuse collection chamber, a service yard, pavilions and store rooms.

Brief account of progress:

- (a) Phase 1 works was completed in June 2021.
- (b) Phase 2 works contract has been substantially completed in 2023 and been open to the public in phases since August 2023.

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PWP item no.:

822CL (part upgraded from **702CL**)

Project title:

Kai Tak development – infrastructure for developments at the former runway and south apron

Date of upgrading to Category A:

November 2018

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| Approved project estimate: | \$2,874.7 million |
| Project scope: | <p>(a) Former runway – Construction of roads, drainage, sewerage, water mains, saltwater pumping station, sewage pumping station, landscaped decks and public open space.</p> <p>(b) Former south apron – Construction of roads, drainage, sewerage, water mains, a landscaped elevated walkway with associated lifts and staircase, landscaping and other ancillary works.</p> |
| Brief account of progress: | The works contract commenced in phases from March 2019. Road D3 (Metro Park Section) was open to traffic in December 2022 and the remaining works are planned for completion by end 2024. |
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| PWP item no.: | 458RO |
| Project title: | Signature Project Scheme (Kwun Tong District) – Construction of Music Fountains at Kwun Tong Promenade |
| Date of upgrading to Category A: | November 2018 |
| Approved project estimate: | \$49.7 million |
| Project scope: | Construction of Music Fountains with animated lighting and sound effects, interactive fountains with jumping jets and wet play area; and construction of filtration plant room with the provision of ancillary facilities. |
| Brief account of progress: | (a) Works contract commenced in September 2019 and was completed in February 2021. |

(b) The project account finalisation is in progress.

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PWP item no.: **785TH**

Project title: Trunk Road T2 and Cha Kwo Ling Tunnel – Construction

Date of upgrading to Category A: October 2019

Approved project estimate: \$16,017.0 million

Project scope: Construction of Trunk Road T2 and Cha Kwo Ling Tunnel connecting with Central Kowloon Route and Tseung Kwan O-Lam Tin Tunnel to form Route 6 as an east-west express link between West Kowloon and Tseung Kwan O.

Brief account of progress: Works contract commenced in November 2019 for completion in 2026.

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PWP item no.: **50CG**

Project title: Provision of an Additional District Cooling System at the Kai Tak Development

Date of upgrading to Category A: June 2020

Approved project estimate: \$4,269.3 million

Project scope: The proposed scope of the project comprises

(a) a chiller plant cum seawater pump room;

(b) seawater pipework;

- (c) chilled water pipework; and
- (d) connection facilities at user buildings including the New Acute Hospital, adjacent commercial areas at Area 3 at the KTD, the Kai Tak Sports Park, as well as the Animal Management and Animal Welfare Building Complex

Brief account of progress:

Works contract commenced in phases starting from July 2020. The entire project is planned for completion by end 2028.

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PWP item no.:

171CD

Project title:

Revitalization of Tsui Ping River

Date of upgrading to Category A:

June 2020

Approved project estimate:

\$1,342.2 million

Project scope:

- (a) revitalisation of the existing King Yip Street Nullah, comprising resurfacing of the channel, installation of a smart water gate, provision of water-friendly features, provision of a water supplement system (including modification of two underground stormwater storage tanks near Anderson Road and On Sau Road and provision of a seawater circulation system), installation of three dry weather flow interceptors, provision of a smart surveillance and weather forecast system, riverside lighting, and in-stream plantation, etc.;
- (b) dredging at the existing channel for about 800 m in length and reconstruction/ strengthening of existing nullah structures for about 740 m in length;

- (c) construction of riverside walkways, six cross-river walkways and six landscaped decks;
- (d) modification of an existing footbridge across Lei Yue Mun Road; and
- (e) ancillary works

Brief account of progress:

Works contract commenced in July 2020 for completion in 2024.

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PWP item no.:

833CL (part upgraded from **702CL**)

Project title:

Kai Tak development – remaining infrastructure works for developments at the former runway and south apron phase 1

Date of upgrading to Category A:

June 2020

Approved project estimate:

\$135.2 million

Project scope:

- (a) A single two-lane Road L10 (Northern Section) of about 370m long connecting to Road L10 (Southern Section);
- (b) Extension and improvement of Kai Hing Road with the associated improvement of Lam Chak Street; and
- (c) Associated footpaths, street lighting, traffic aids, drainage, sewerage, water mains, landscaping and ancillary works.

Brief account of progress:

The funding for the remaining works at the former runway and south apron was approved by the Finance Committee on 19 June 2020. Construction works commenced in June 2020 for substantial completion by 2025.

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| PWP item no.: | 187GK |
| Project title: | Animal Management and Animal Welfare Building Complex in Kai Tak Development |
| Date of upgrading to Category A: | July 2020 |
| Approved project estimate: | \$881.9 million |
| Project scope: | <p>(a) Construction of a new 15-storey complex for:</p> <p>(i) re-provisioning of Kowloon Animal Management Centre (AMC(K));</p> <p>(ii) provision of offices and facilities for Animal Management (Development) Division, Equine Disease Division, Veterinary Laboratory Division, Antimicrobial Resistance Surveillance Section and Avian Influenza Surveillance Section of Animal Health Division and the Secretariat of the Veterinary Surgeons Board; and</p> <p>(b) Demolition of the existing AMC(K).</p> |
| Brief account of progress: | Works contract commenced in September 2020 for completion in Q2 2024. |

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| PWP item no.: | 832CL (part upgraded from 469CL) |
| Project title: | Kai Tak development – stages 5B infrastructure works at the former north apron area |
| Date of upgrading to Category A: | July 2020 |

Approved project estimate: \$1,720.1 million

Project scope: Construction of roads, an elevated walkway, a pedestrian subway, renovation of three existing pedestrian subways, modification of one existing pedestrian subway, associated drainage, sewerage, watermains, landscaping and other ancillary works.

Brief account of progress: Works contracts commenced in July 2020 for completion in phases from 2023 to 2025.

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PWP item no.: **441RO**

Project title: Hoi Sham Park Extension in Kowloon City District

Date of upgrading to Category A: July 2020

Approved project estimate: \$293.2 million

Project scope:

- (a) reprovisioning of four tennis courts from the Ko Shan Road Park previously demolished for the construction of Ko Shan Theatre New Wing;
- (b) construction of a waterfront promenade with a continuous pedestrian greenery walkway;
- (c) provision of a thematic landscaped garden with rain shelters and benches;
- (d) provision of amenity lawn area with rain shelters/arbours;
- (e) demolition of some existing facilities in the Hoi Sham Park such as children's play area, fitness equipment for the elderly, main pavilion and arbours and reprovisioning of

these facilities with enhancement within the project site;

- (f) construction of a light refreshment kiosk;
- (g) construction of service blocks and ancillary facilities such as toilets;
- (h) removal of the existing boundary fencing of the Hoi Sham Park for connecting with the extension of the Hoi Sham Park; and
- (i) provision of barrier-free access facilities at the extension of the Hoi Sham Park.

Brief account of progress:

Works contract commenced in December 2020 for completion in Q3 2024.

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PWP item no.:

470RO

Project title:

Lung Tsun Stone Bridge Preservation Corridor at Kai Tak

Date of upgrading to Category A:

March 2021

Approved project estimate:

\$669.2 million

Project scope:

- (a) in-situ preservation of Lung Tsun Stone Bridge (LTSB) remnants and the construction of a preservation corridor for public appreciation and leisure purpose including –
 - (i) archaeological works to display the LTSB remnants;
 - (ii) conservation treatment to ensure the structural integrity of the LTSB remnants;
 - (iii) provision of interpretation facilities;

- (iv) provision of an open space with a continuous traffic-free pedestrian walkway along the corridor;
 - (v) provision of landscaped areas with benches and pavilions;
 - (vi) provision of ancillary facilities including plant rooms, a first aid room, toilets, a baby care room, drinking fountains, store rooms, etc.;
 - (vii) interface with the pedestrian subway under construction at Prince Edward Road East (the Pedestrian Subway), which connects the Playground; and
- (b) improvement of the walkway within the Playground that heads to the Kowloon Walled City Park from the exit of the Pedestrian Subway including the provision of –
- (i) a landscaped walkway with sitting-out facilities;
 - (ii) pedestrian entrance/exit connected to Sa Po Road.

Brief account of progress:

Works contract commenced in Q2 2021 for completion in Q2 2025.

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PWP item no.:

862CL

Project title:

Kai Tak development – remaining infrastructure works for developments at the former runway and south apron – landscaped elevated walkway to the New Acute Hospital

Date of upgrading to Category A:

July 2021

Approved project estimate: \$168.7 million

Project scope: (a) construction of about 65 m of walkway with two lifts and associated staircases;

(b) associated footpaths, drainage, landscaping, electrical and mechanical works, and ancillary works

Brief account of progress: Construction works commenced in December 2021 for substantial completion in 2025.

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PWP item no.: **842CL**

Project title: Infrastructure works for developments at Kwun Tong Action Area

Date of upgrading to Category A: June 2022

Approved project estimate: \$614 million

Project scope: (a) construction of new access roads L1 of about 120 m long and L2 of about 70 m long, and associated road modification and junction improvement works;

(b) construction of an about 50 m long covered footbridge with associated lifts and staircases across Wai Yip Street to connect Hoi Yuen Road and Kwun Tong Action Area;

(c) reconfiguration of the existing Kwun Tong Ferry Pier public transport interchange;

(d) reconfiguration of the existing Kwun Tong Vehicular Ferry Pier and dangerous goods vehicle queuing area;

- (e) provision of the adjoining waterfront promenade and open space;
- (f) carrying out associated demolition and site formation, drainage, sewerage, waterworks, landscaping, street lighting works, utilities and other ancillary works; and
- (g) implementation of environmental mitigation measures for the proposed works.

Brief account of progress:

Works contract commenced in November 2022 for completion in 2026.

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PWP item no.:

23EM

Project title:

Pre-construction works for the Development of New Campus of Vocational Training Council at Kowloon East (Cha Kwo Ling)

Date of upgrading to Category A:

July 2022

Approved project estimate:

\$459.3 million

Project scope:

The project is the pre-construction works for the Development of New Campus of Vocational Training Council (VTC) at Cha Kwo Ling. The proposed development is to provide an interdisciplinary new campus for Vocational and Professional Education and Training.

The proposed facilities in the new campus will comprise various types of advance training workshops and laboratories, large-scale training and teaching venues, classrooms, exhibition space, outdoor and indoor learning spaces and facilities for students. Other teaching facilities that will be provided in the new campus include STEM (Science, Technology, Engineering and Mathematics) and

other virtual reality facilities.

The VTC will provide assistance to the relevant bureaux / departments in the design and development of a 1.0 hectare public open space (POS) within the site boundary of the VTC campus. Upon completion, the POS will be handed over to the Government for management.

In addition, the VTC will maintain close liaison with the relevant bureaux / departments (including the Development Bureau, Leisure and Cultural Services Department and Architectural Services Department) and provide assistance in the design and development of a 4.5 ha POS at the waterfront promenade.

The pre-construction works comprise site investigation and tree survey; site clearance, diversion of underground utilities and relocation technical studies; tree clearance, protection and replanting works; consultancy services for inception design, outline sketch design, detailed design and tender documentation for the main works; provision of basketball courts and re-provisioning of the temporary soccer pitch; re-provisioning of the whole of Wai Lok Street; and re-provisioning of the liquefied petroleum gas filling station.

Brief account of progress:

The VTC commenced the pre-construction works in Q3 2022. The Education Bureau (EDB) and the VTC consulted the Task Force on Kai Tak Harbourfront Development under the Harbourfront Commission (HC) and the Housing, Planning, Lands, Development and Redevelopment Committee under the Kwun Tong District Council (KTDC) on 16 June 2023 and 18 July 2023 respectively, regarding the re-provision plan of POS of the pre-construction works. The pre-construction works are planned to be completed in Q3 2025.

In addition, the VTC and the relevant bureaux and departments plan to seek funding approval from the

Legislative Council in Q2 2025 for the main works.

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| PWP item no.: | 362EP |
| Project title: | A 30-classroom primary school at Site 1B-4, Kai Tak Development |
| Date of upgrading to Category A: | December 2022 |
| Approved project estimate: | \$437.7 million |
| Project scope: | Construction of a 30-classroom primary school with ancillary facilities. |
| Brief account of progress: | The works commenced in January 2023 for completion in Q1 2026. |