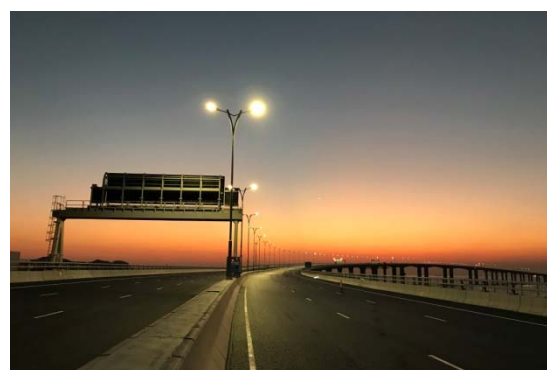


Islands District Council
Paper No. IDC 32/2018
Progress Report of Major Projects in Islands District



Civil Engineering and Development Department
Sustainable Lantau Office
April 2018



Progress Report of Major Projects in Islands District (as at 31 Dec 2017)

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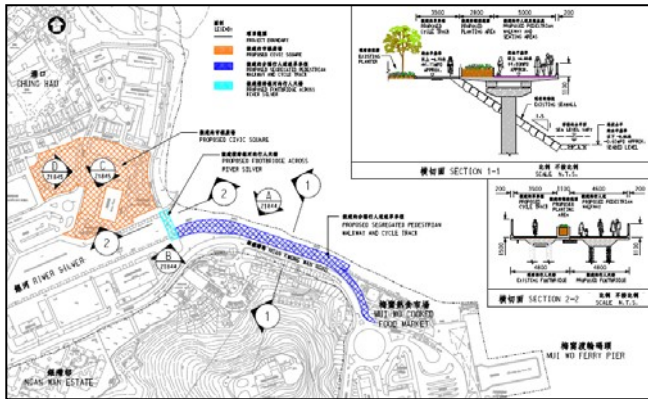


(1) Objectives

(i) This report contains project information provided by relevant government departments up to 31 Dec 2017.


(ii) Projects include

- Items completed from 1 Jan 2017 to end 2017;
- Items in progress; and
- Items expected to commence in /after 2018

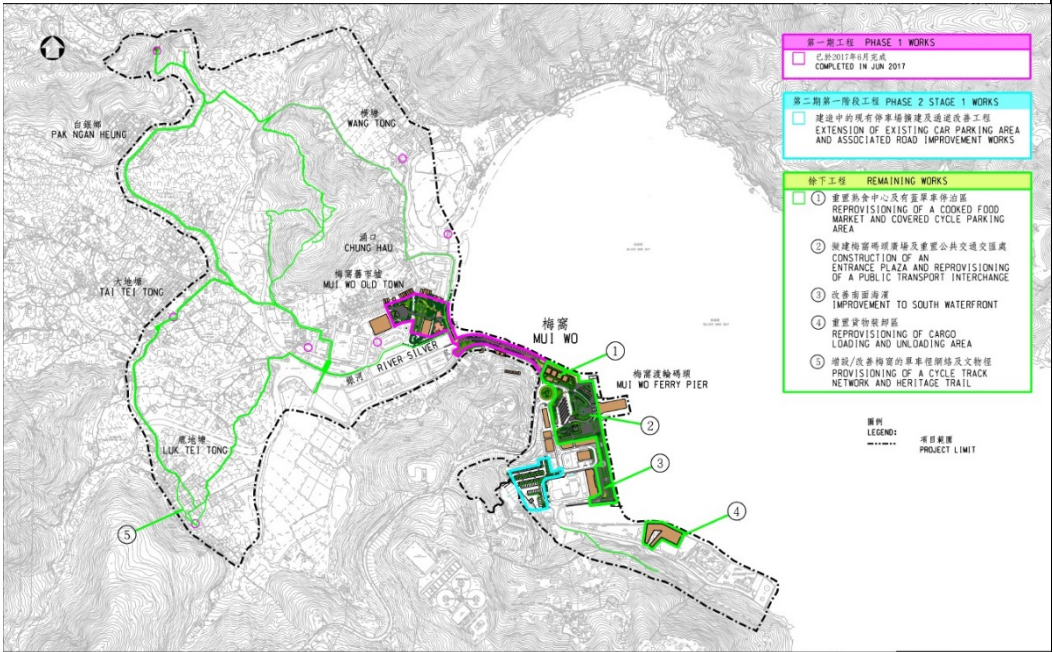
(2) Community Facilities Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
448RO A	Improvement works at Mui Wo, phase 1	193.10	SDEV CEDD	07/2014	06/2017	<p>This project was part-upgraded from 414RO in May 2013 for construction of the proposed Improvement works at Mui Wo, phase 1 which include the following –</p> <ul style="list-style-type: none"> (a) a 230-metre (m) long and 11.5-m wide segregated pedestrian walkway and cycle track along the waterfront between Mui Wo Cooked Food Market and River Silver; (b) a 35-m long and 4.8-m wide footbridge across River Silver; (c) a civic square near Mui Wo old town provided with associated landscaped area, recreational and leisure facilities and a performance venue; (d) seven amenity areas in villages at Mui Wo; and (e) ancillary works including information boards, signage, landscaping, drainage and utilities works. <p>Works commenced in July 2014 and completed in June 2017.</p>	  

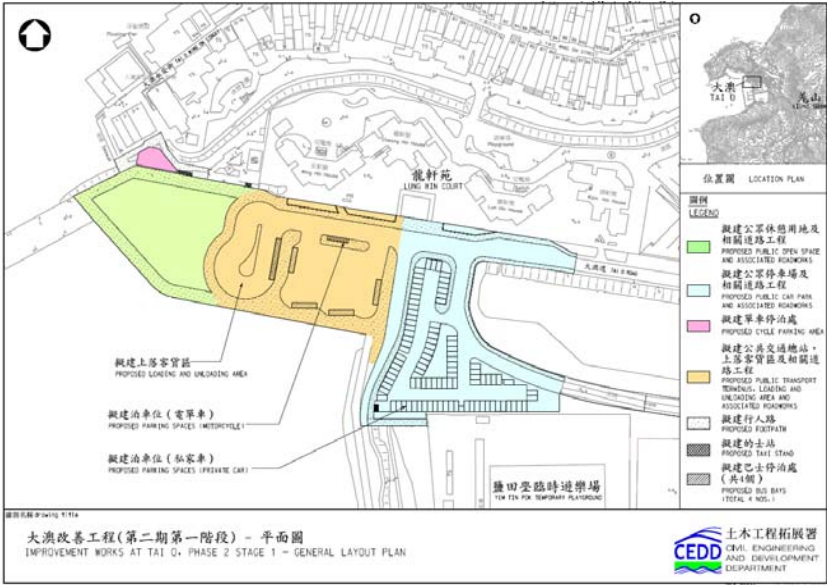
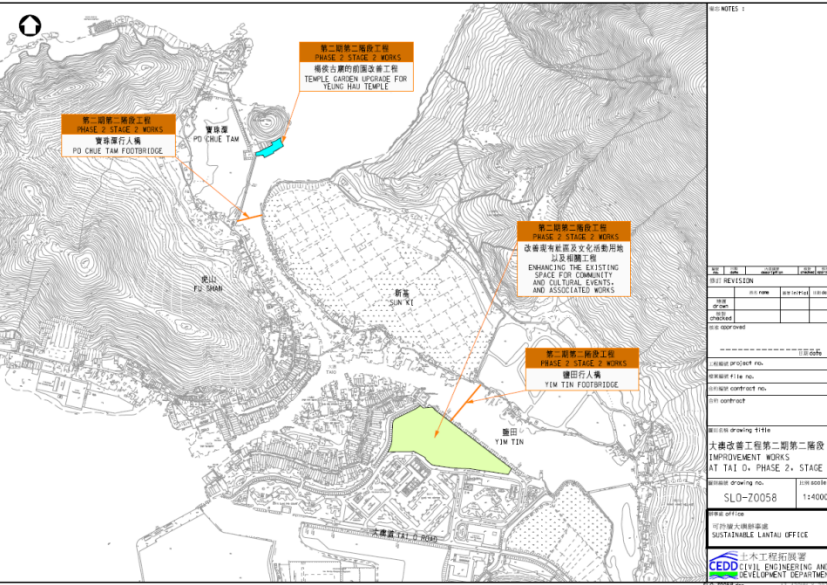
(2) Community Facilities Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
464RO A	Improvement works at Mui Wo – Phase 2 Stage 1	72.30	SDEV CEDD	07/2016	01/2019	<p>This project was part-upgraded from 414RO in June 2016 for construction of the proposed Improvement works at Mui Wo, Phase 2 Stage 1 which include the following –</p> <p>(a) realignment of a section of Mui Wo Ferry Pier Road and extension of existing car parking area and;</p> <p>(b) ancillary works including geotechnical, landscaping, drainage and utility works.</p> <p>Works commenced in July 2016 for completion in January 2019.</p>	

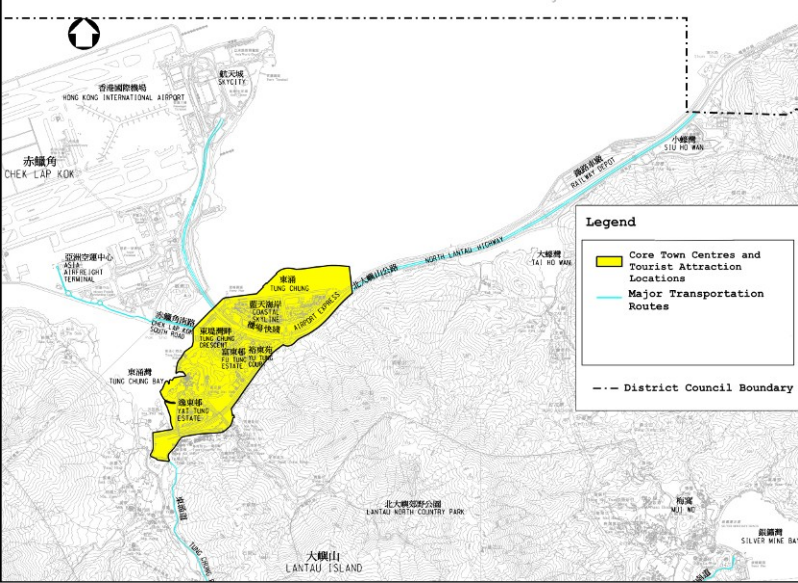
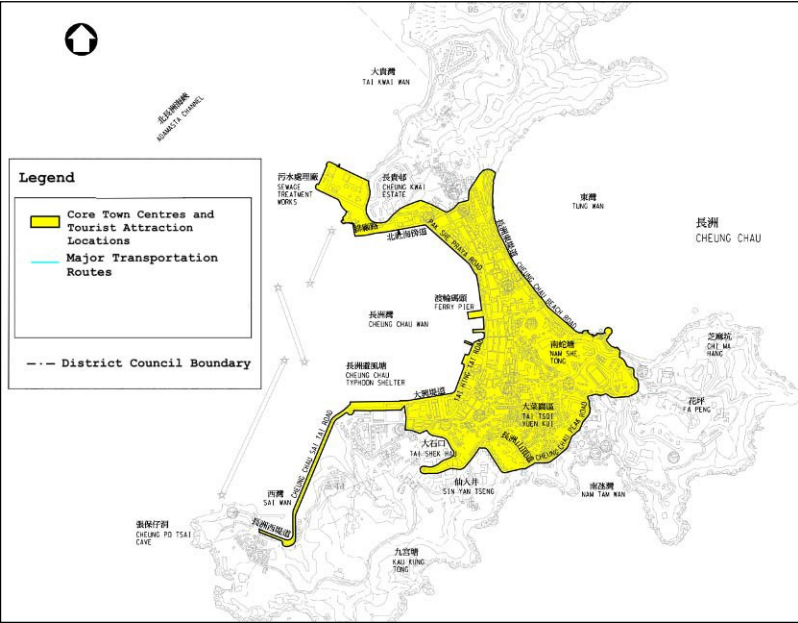
(2) Community Facilities Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
414RO B	Improvement works at Mui Wo – Remaining Phases	under review	SDEV CEDD	under review	under review	<p>This project comprises the remaining works of the proposed Improvement works at Mui Wo, Phase 2 Stage 2 and Phase 3 works including reprovisioning of cooked food market, beautification of the south waterfront promenades and entrance plaza; and improvement of existing cycle tracks.</p> <p>Based on the views collected from the public engagement activity held in March 2017, the review of the layout for the improvement works is nearly completed. The next round of public engagement exercise for consultation of the revised layout would be conducted in 2018Q2. The implementation programme is under review.</p>	 <p>The map illustrates the layout of improvement works at Mui Wo. It includes labels for various locations: Pak Ngam Heung, Wang Tong, Chung Hau, Mui Wo Old Town, Tai Tet Tong, Luk Tet Tong, River Silver, Mui Wo, and Mui Wo Ferry Pier. The map is color-coded to show different phases of work: Phase 1 (pink), Phase 2 Stage 1 (blue), and Remaining Works (green). A legend on the right explains these phases and the remaining works, which include reprovisioning of a cooked food market, construction of an entrance plaza, improvement of a public transport interchange, improvement to the south waterfront, reprovisioning of cargo loading and unloading area, and provision of a cycle track network and heritage trail. A scale bar and north arrow are also present.</p>

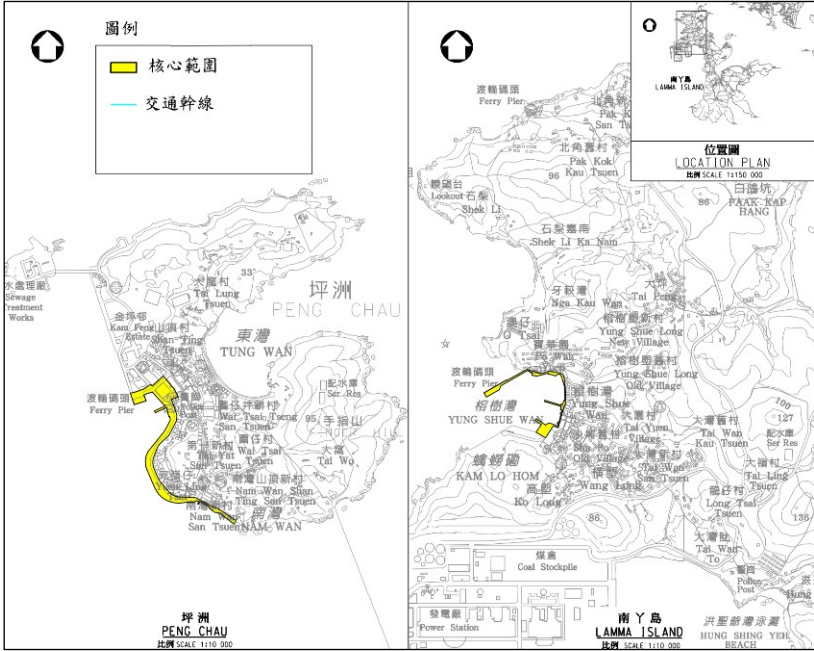
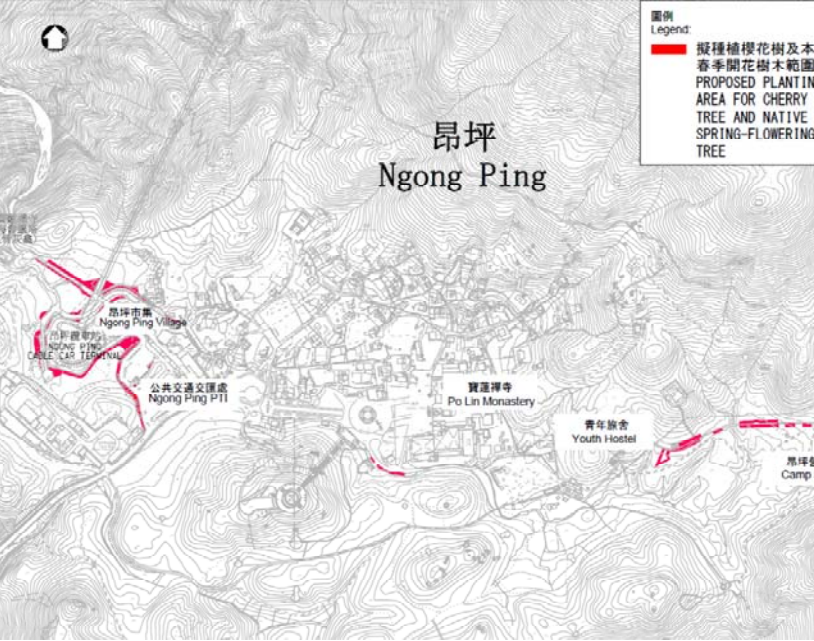
(2) Community Facilities Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
469RO A	Improvement works at Tai O (Phase 2 Stage 1)	124.00	SDEV CEDD	9/2016	12/2018	<p>The project aims at implementing the remaining phases of Improvement Works at Tai O, which comprise Phase 2 Stage 1, Phase 2 Stage 2 and remaining works.</p> <p>Improvement Works at Tai O, Phase 2 Stage 1 comprises the construction of a public open space, a public transport terminus, a public car park, a loading and unloading area, a cycle parking area and ancillary works. It aims to enhance traffic and pedestrian circulation and provide additional parking spaces at Tai O. Construction of Phase 2 Stage 1 works commenced in September 2016 for completion in end 2018.</p>	 <p>Improvement Works at Tai O, Phase 2 Stage 1</p>
417RO B	Improvement works at Tai O (Phase 2 Stage 2 and remaining works)	Under Review	SDEV CEDD	Under Review	Under Review	<p>Improvement works at Tai O, Phase 2 Stage 2 mainly cover two proposed footbridges for improving local connectivity. Consultants has been employed for the detailed design and the design of Phase 2 Stage 2 works is in progress. Improvement Works at Tai O, remaining works mainly cover works for improving facilities to help preserve the heritage and facilitate visitors' appreciation of natural attributes of Tai O and the scope of works is under review.</p>	 <p>Improvement Works at Tai O, Phase 2 Stage 2</p>



(2) Community Facilities Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
5101CX 5G66CG D	Greening Master Plan (GMP)s of the South West New Territories (SWNT) – Consultancy Study & Site Investigation	18.10 (including the cost on Islands, Tsuen Wan and Kwai Tsing)	SDEV CEDD	2012 (formulation) 2015 (detailed design)	2015 (formulation) 2017 (detailed design)	<p>The scope of works includes formulation of the GMPs of SWNT (including Islands, Tsuen Wan and Kwai Tsing) and the detailed design and necessary site investigation for the greening measures.</p> <p>The relevant GMP proposal was submitted to the Islands Tourism, Agriculture, Fisheries and Environmental Hygiene Committee on 30 September 2013 for consultation, and support was received from the Committee on the implementation of the GMP works.</p> <p>The Consultants’ detailed design has completed and the funding process has commenced. Upon funding available, established procedures would be followed for tendering and works implementation.</p>	 <p>Tung Chung GMP Focal Area</p>  <p>Cheung Chau GMP Focal Area</p>

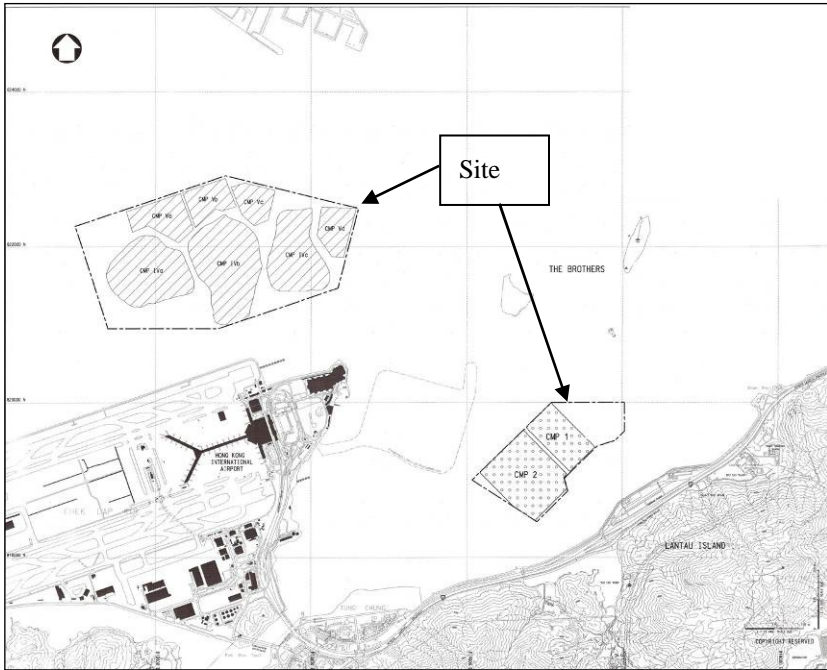
(2) Community Facilities Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
							 <p>Peng Chau and Lamma Island GMP Focal Areas</p>
5101CX 5J71CG	Landscape Improvement Works in Ngong Ping	17.8M [cost included tree planting, establishe nt works and associated civil works]	SDEV CEDD	1/2018	9/2018	The scope of works includes planting of around 400 numbers of cherry trees and spring-flowering trees in Ngong Ping and associated construction works.	

(3) Port and Reclamation Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
799CL A	Tung Chung New Town Extension – Detailed Design and Site Investigation	729.5	SDEV CEDD	06/2016	03/2021	The proposed Tung Chung New Town Extension (TCNTE) will cover areas on the eastern and western flanks of the existing Tung Chung New Town. It will provide about 49,400 residential flats for a population of about 144,400. The reclamation and advance works commenced in Dec 2017. The detailed design for site formation and infrastructure works are in progress.	 <p>Tung Chung East Extension Area</p>  <p>Tung Chung West Extension Area</p>
814CL A	Tung Chung New Town Extension – Reclamation and Advance Works	20,210.0		12/2017	12/2023		
786CL B	Tung Chung New Town Extension – Site formation and Infrastructure Works	under review		under review	under review		

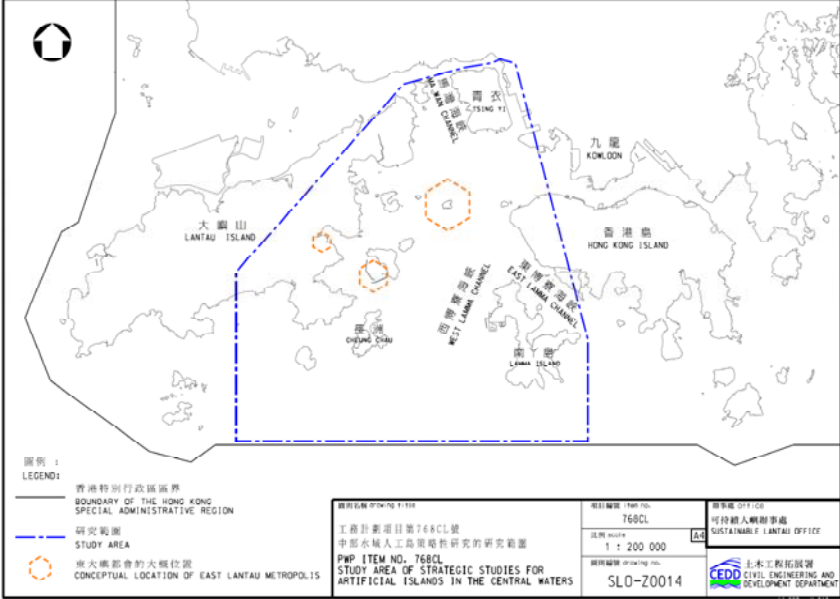
(3) Port and Reclamation Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
737CL A	Dredging, management and capping of contaminated sediment disposal facility to the south of The Brothers	344.15	SDEV CEDD	09/2012	12/2018	<p>The project comprises formation of 2 sediment disposal pits at the seabed to the south of The Brothers for the disposal of about 4 million cubic metres sediment; on-site control of mud disposal activities; and implementation of an Environmental Monitoring and Audit (EM&A) programme.</p> <p>All the disposal and capping works at the 2 sediment disposal pits were completed in early and end 2016 respectively whereas the EM&A will continue until end 2018. (From March 2016 onward, the contaminated sediment generated from works projects has been disposed of at the existing sediment disposal pits to the East of Sha Chau under Project No. 729CL.)</p>	

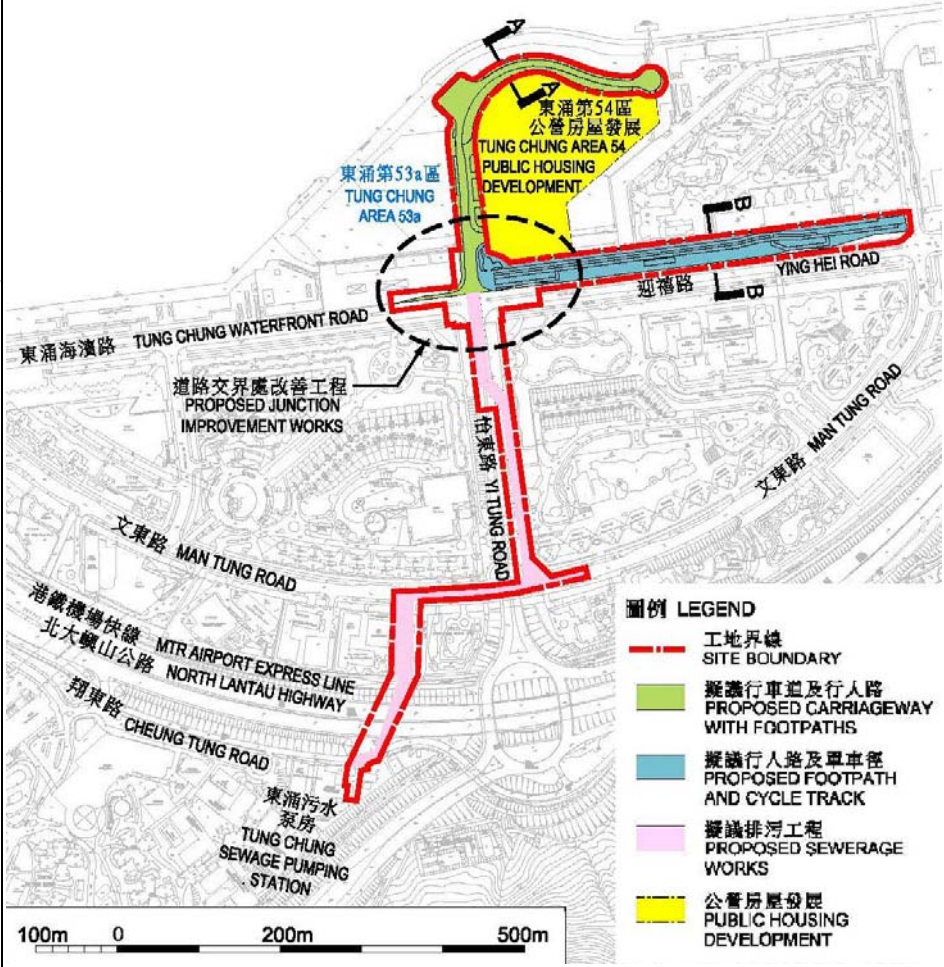
(3) Port and Reclamation Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
5101CX D	Study for Pier Improvement at Yung Shue Wan, Shek Tsai Wan, Yi O and Ma Wan Chung - Investigation	9.15	SDEV CEDD	11/2017	First Quarter of 2019	<p>The scope of the Study comprises:</p> <ul style="list-style-type: none"> (i) Assessment of the potential environmental impact including ecological and fisheries impact, and carrying out preliminary environmental study; (ii) Preliminary engineering studies including hydraulic study and geotechnical appraisal, and preparation of preliminary engineering layouts; (iii) Site investigation works and associated supervision; and (iv) Stakeholder consultation. <p><u>Current Status</u> The consultants are preparing for the ecological field survey and site investigation works.</p>	
5051TF B	Reconstruction of Pak Kok Pier on Lamma Island	Under review	STH CEDD	Under review	Under review	<p>The project aims to reconstruct the Pak Kok Pier on Lamma Island.</p> <p>Planning and design of the proposed works is in progress.</p>	


(3) Port and Reclamation Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
5768CL B	Strategic Studies for Artificial Islands in the Central Waters	(The item was withdrawn at the PWSC meeting on 26.11.2014. The estimated cost of this item is under review.)	SDEV CEDD	(The item was withdrawn at the PWSC meeting on 26.11.2014. The implementation programme of this item is under review.)	(The item was withdrawn at the PWSC meeting on 26.11.2014. The implementation programme of this item is under review.)	The project scope comprises strategic studies on building artificial islands in the Central Waters covering preliminary engineering feasibility and infrastructure study including broad reclamation extent and transport links, preliminary planning proposals including possible land uses, port operations and marine traffic and safety study, strategic environmental assessment, fisheries impact assessment, public engagement/ consultation exercises with relevant stakeholders and associated site investigation works including supervision	


(4) Road Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
781CL A	Infrastructural Works for Development in Area 54, Tung Chung	284.80	STH CEDD	11/2017	12/2020	<p>The project is to provide supporting infrastructure works for housing development in Tung Chung Area 54. Amenity area, including footpath and cycle track to the north of Ying Hei Road, would also be provided.</p> <p>The funding application was approved by LegCo on 2 June 2017. The works commenced in November 2017 and were expected to be completed in end 2020.</p>	

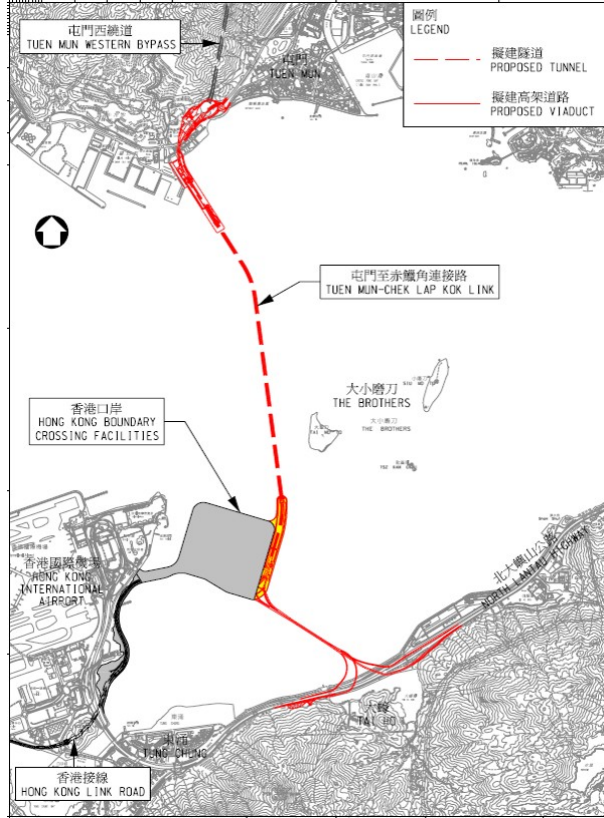
(4) Road Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commenceme nt Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
844TH A	Hong Kong – Zhuhai – Macao Bridge Hong Kong Link Road	25,047.20	STH HyD	05/2012	The governments of the three places are striving to improve the clearance conditions of the boundary crossing facilities (BCFs). The commissioning date of the HZMB will be reported to the Central authorities and will be announced once confirmed.	<p>The project mainly involves the design and construction of the Hong Kong – Zhuhai – Macao Bridge Hong Kong Link Road.</p> <p>Two Design and Build contracts commenced on 31 May 2012.</p>	

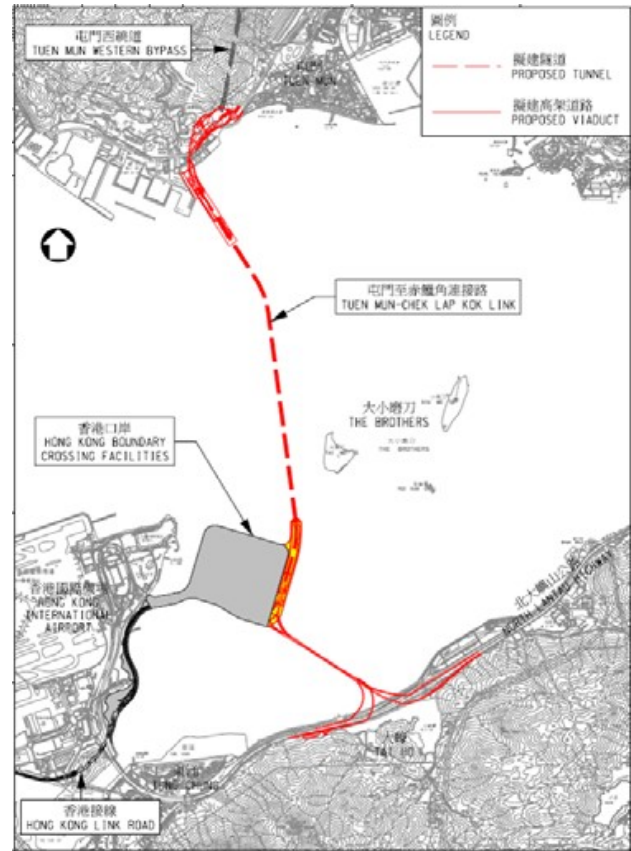
(4) Road Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
845TH A	Hong Kong – Zhuhai – Macao Bridge Hong Kong Boundary Crossing Facilities – reclamation and infrastructures	35,895.00	STH HyD	11/2011		<p>The governments of the three places are striving to improve the clearance conditions of the boundary crossing facilities (BCFs). The commissioning date of the HZMB will be reported to the Central authorities and will be announced once confirmed.</p> <p>The project mainly involves reclamation and construction of infrastructures for Hong Kong – Zhuhai – Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF).</p> <p>The HKBCF reclamation works commenced on 30 November 2011. For the superstructure works, the traffic control and surveillance system contract, the passenger clearance building contract, the infrastructure works stage 1 (western portion) contract, the infrastructure works stage 2 (southern portion) contract, the vehicle clearance plazas and ancillary buildings and facilities contract, and the automatic vehicle clearance support system contract commenced in January 2014, April 2014, July 2014, March 2015, April 2015 and August 2015 respectively. The gantry type X-ray vehicle inspection system contract and the remaining ancillary buildings and facilities contract also commenced in December 2015.</p>	

(4) Road Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
846TH A	Tuen Mun – Chek Lap Kok Link – detailed design, site investigation and advance works	1,909.60	STH HyD	11/2011	Under Review	<p>The project mainly involves reclamation for the southern landfall of the Tuen Mun – Chek Lap Kok Link (TM-CLKL) subsea tunnel (i.e. advance works) and engaging consultants to undertake the detailed design and associated site investigation for the remaining works of TM-CLKL (i.e. the works excluding the advance works).</p> <p>The advance works had been taken forward as the same works together with the reclamation of the artificial island of HKBCF and commenced on 30 November 2011. The associated site investigation was completed in November 2013.</p>	

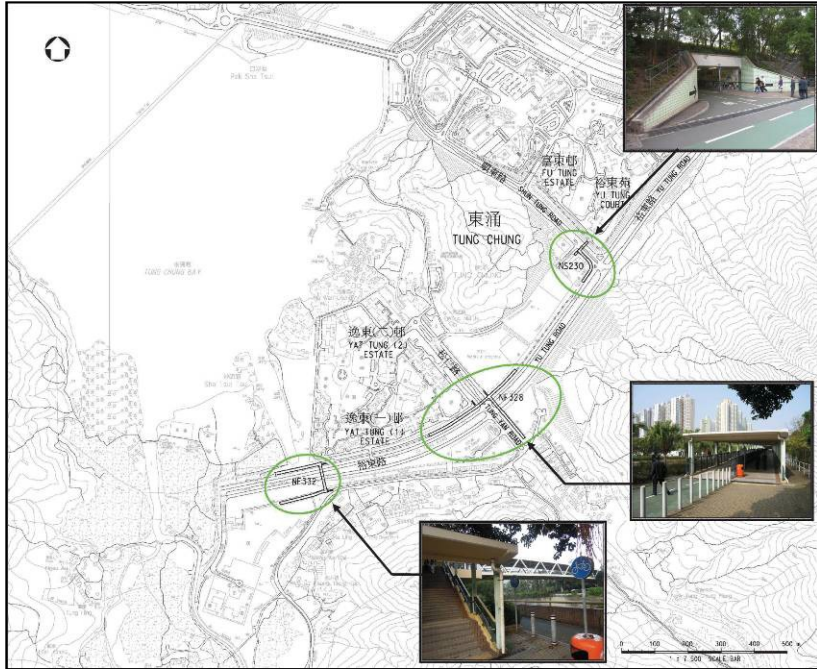
(4) Road Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
857TH A	Tuen Mun – Chek Lap Kok Link – construction works	44,798.40	STH HyD	06/2013	First half of 2019 at the earliest (Southern Connection) 2020 at the earliest (Northern Connection)	<p>The project mainly involves construction of Tuen Mun – Chek Lap Kok Link (TM-CLKL). TM-CLKL comprises Southern Connection and Northern Connection, which is a dual 2-lane carriageway in approximately 9 km long. The Southern Connection will connect North Lantau Highway (NLH) at Tai Ho and Hong Kong – Zhuhai – Macao Bridge Hong Kong Boundary Crossing Facilities (HKBCF) while Northern Connection will link the HKBCF and Tuen Mun.</p> <p>The works of Southern Connection and Northern Connection are being carried out in full swing. For the Southern Connection, construction of piers for viaducts has been substantially completed while erection of bridge deck segments and construction of concrete parapets are in progress. The asphalt pavement laying and cable laying works for land viaducts also commenced.</p> <p>As for the Northern Connection, the excavation works underneath the seabed by large Tunnel Boring Machines (TBMs) for the subsea tunnel section are mostly completed while the construction of the tunnel section underneath the HKBCF artificial island commenced. The construction of the sub-sea tunnel ventilation buildings and the cross passages by small TBMs between the tunnel tubes, and installation of precast units within the tunnel are in progress. With regard to the toll plaza in Tuen Mun Area 46, site formation is mostly completed, and roadworks, construction of land viaducts, footbridge, retaining walls, and vehicular underpass are also in progress.</p> <p>Based on the current progress, it is anticipated that the Southern Connection of TM-CLKL can be completed in the first half of 2019 at the earliest; whilst the Northern Connection of TM-CLKL can be completed in 2020 at the earliest.</p>	

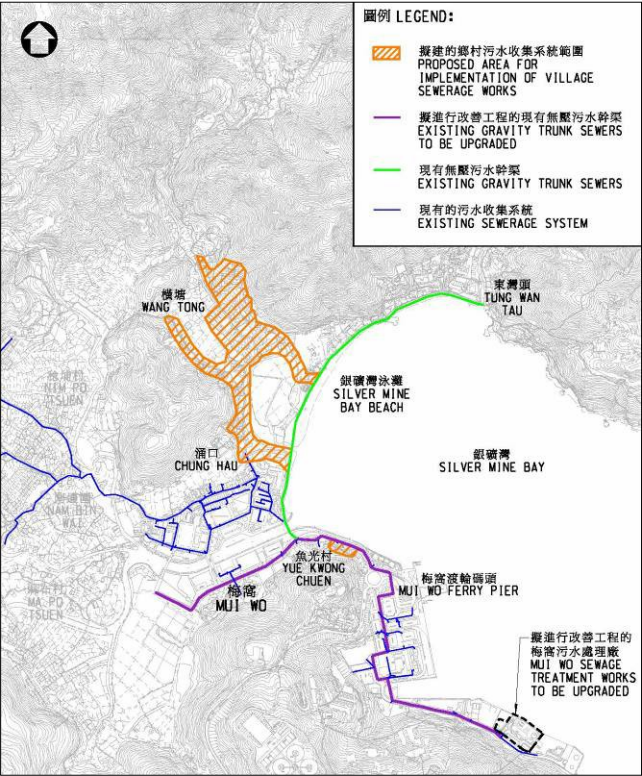
(4) Road Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
6850TH B	New Wang Tong River Bridge	To be determined	STH HyD	Under review	Under review	<p>The Project aims to construct a new twin-bridge of approximately 35m long comprising of a utility trough across Wang Tong River at Silver Mine Bay, Mui Wo so as to replace the existing footbridge. The Project includes the provision of a cycle track and footpath with internal clearance of 3.5m and 2.0m respectively.</p> <p>The project is under detailed design stage.</p>	

(4) Road Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing																
6101TX D	Provision of Universal Access Facilities at Public Footbridges, Elevated Walkways & Subways Package 2 – Investigation, Design and Construction	118.00	STH CEDD	11/2015	03/2019	<p>The project aims to provide lift facilities for the following three public footbridges/subway in Islands district:</p> <p>i. Footbridge across Yu Tung Road and Chung Yan Road (Structure No. NF328);</p> <p>ii. Footbridge across Yu Tung Road near Tung Chung Ha Ling Pei (Structure No. NF332); and</p> <p>iii. Pedestrian subway across Shun Tung Road near Lantau North Divisional Police Station (Structure No. NS230).</p> <p>The project commenced in November 2015 and the progress of works is as follows:-</p>																	
						<table><tr><th>Structure No.</th><th>No.of Lifts</th><th>Completion Date</th><th>Progress of Works</th></tr><tr><td>NF328</td><td>3</td><td>2019 First Quarter (Targeted)</td><td>Lift 1 : Lift shaft construction in progress. Lift 2 : Lift testing in progress. Lift 3 : Underground utilities protection and diversion works in progress.</td></tr><tr><td>NF332</td><td>2</td><td>2018 Third Quarter (Targeted)</td><td>Lift 1 : Lift car installation in progress. Lift 2 : Lift car installation in progress.</td></tr><tr><td>NS230</td><td>2</td><td>2018 Fourth Quarter (Targeted)</td><td>Lift 1 : Installation of glazing and louvre in progress. Lift 2 : Foundation works in progress.</td></tr></table>		Structure No.	No.of Lifts	Completion Date	Progress of Works	NF328	3	2019 First Quarter (Targeted)	Lift 1 : Lift shaft construction in progress. Lift 2 : Lift testing in progress. Lift 3 : Underground utilities protection and diversion works in progress.	NF332	2	2018 Third Quarter (Targeted)	Lift 1 : Lift car installation in progress. Lift 2 : Lift car installation in progress.	NS230	2	2018 Fourth Quarter (Targeted)	Lift 1 : Installation of glazing and louvre in progress. Lift 2 : Foundation works in progress.
						Structure No.		No.of Lifts	Completion Date	Progress of Works													
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						NF332		2	2018 Third Quarter (Targeted)	Lift 1 : Lift car installation in progress. Lift 2 : Lift car installation in progress.													
NS230	2	2018 Fourth Quarter (Targeted)	Lift 1 : Installation of glazing and louvre in progress. Lift 2 : Foundation works in progress.																				

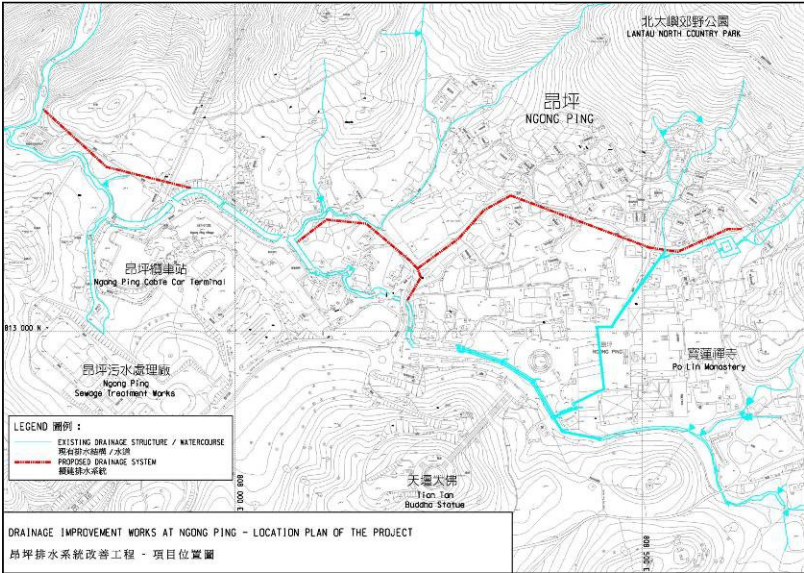
(5) Drainage Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
387DS A	Upgrading of Mui Wo sewage treatment works and sewerage at Mui Wo town centre and Wang Tong	967.20	SEN DSD	07/2012	04/2018	<p>The project mainly comprises upgrading of the existing Mui Wo Sewage Treatment Works and about 2km of existing trunk sewers at town centre, and construction of sewers for two unsewered areas (Wang Tong and Yue Kwong Chuen) in Mui Wo.</p> <p>The construction works are in progress and about 90% completed.</p>	

(5) Drainage Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
397DS A	Outlying Islands sewerage stage 2 – Lamma village sewerage phase 2, package 1	340.20	SEN DSD	12/2013	07/2018	<p>The project mainly comprises construction of about 9km long sewers in 13 unsewered areas (Sha Po New Village, Sha Po Old Village, Yung Shue Wan Back Street, Tai Shan West, Tai Shan East, Tai Shan Central, Ko Long (portion), Tai Yuen Village (portion), O Tsai, Po Wah Yuen, Yung Shue Long New Village, Yung Shue Long Old Village and Tai Peng) in Yung Shue Wan of Lamma Island.</p> <p>The works are in progress and about 90% completed.</p>	
381DS A	Construction of additional sewage rising mains and rehabilitation of the existing sewage rising main between Tung Chung and Siu Ho Wan	1,362.60	SEN DSD	08/2016	Phase 1 (new rising main) 06/2023 Phase 2 (rehabilitation of existing rising main) 12/2025	<p>The project comprises the construction of additional sewage rising mains, rehabilitation of the existing sewage rising main and modification of related facilities between Tung Chung and Siu Ho Wan.</p> <p>Phase 1 works commenced in August 2016. The works are in progress and about 15% completed.</p>	

(5) Drainage Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
163CD B	Drainage improvement works at Ngong Ping	Under review	SDEV DSD	2019Q2	2021Q3	<p>The project comprises construction of about 900m long drains and box culverts at the northern side of Po Lin Monastery and Ngong Ping 360 Terminal in order to relieve the potential flood risk in Ngong Ping area.</p> <p>Detailed design of the project is in progress.</p>	

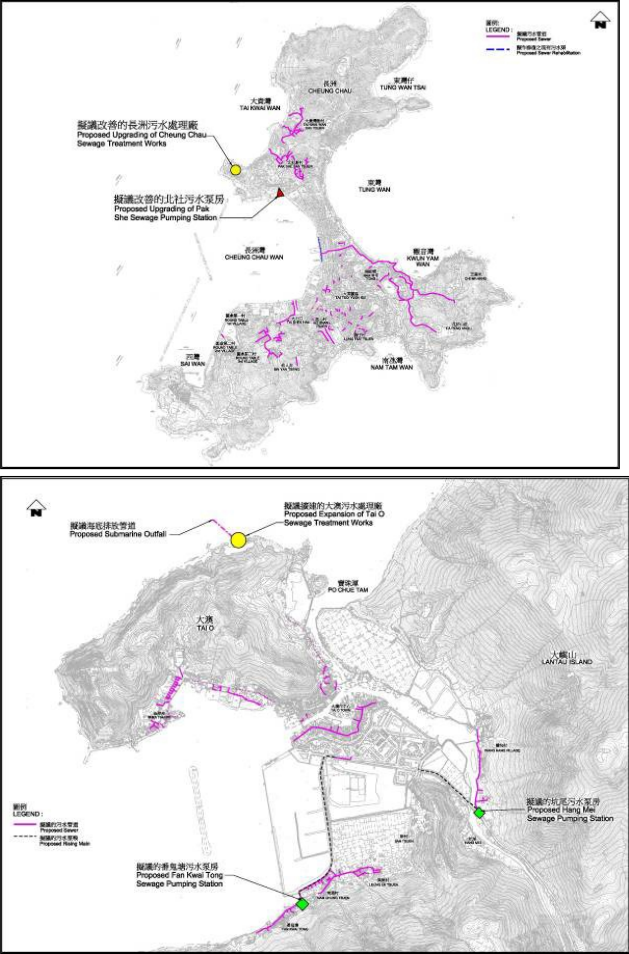
(5) Drainage Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
343DS-1 B	Outlying Islands sewerage stage 2 – Peng Chau village sewerage phase 2 package 1	133.70	SEN DSD	2018Q4	2022Q4	<p>The project aims at providing a public sewage collection system for the unsewered areas in Peng Chau in order to improve the water quality of nearby watercourses and the hygiene condition of six unsewered areas (Nam Wan San Tsuen, Tai Yat San Tsuen (part), Wai Tsai Tseng San Tsuen, Central Peng Chau, Nam Wan Shan Ting Tsuen, and Tung Wan Village (part)).</p> <p>Detailed design of the project was completed. Construction works will commence in 2018Q4.</p>	
343DS-2 B	Outlying Islands sewerage stage 2 – Peng Chau village sewerage phase 2 remaining works	Under review	SEN DSD	2019Q4	2022Q4	<p>The project aims at providing a public sewage collection system for the unsewered areas in Peng Chau in order to improve the water quality of nearby watercourses and the hygiene condition of five unsewered areas (Shan Ting Tsuen, Tai Lung Tsuen, Wai Tsai Tsuen, Tai Yat San Tsuen (remaining part) and Tung Wan Village (remaining part)).</p> <p>Detailed design of the project is in progress.</p>	

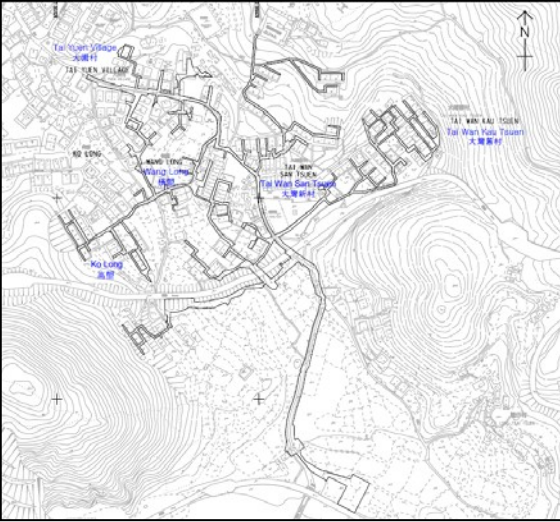
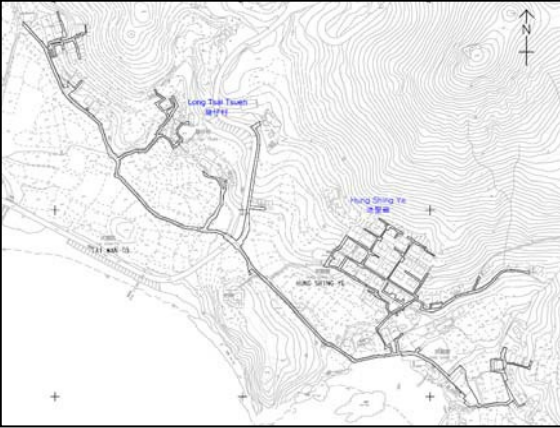
(5) Drainage Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
353DS B	Outlying Islands sewerage stage 2 – extension of sewerage system to other unsewered villages in Mui Wo	Under review	SEN DSD	2020Q1	2024Q2	The project mainly comprises the provision of sewers at unsewered areas in Mui Wo. Detailed design of the project is in progress.	

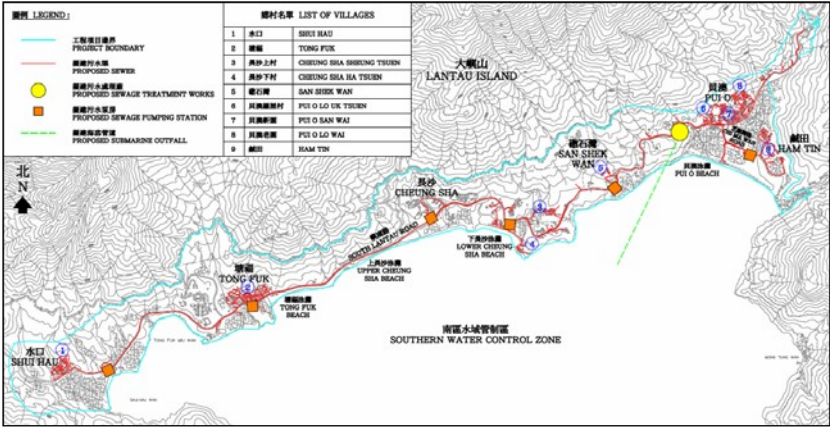
(5) Drainage Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
354DS B	Outlying Islands sewerage stage 2 – upgrading of Cheung Chau and Tai O sewage collection, treatment and disposal facilities	Under review	SEN DSD	2019Q2	2025Q1	<p>The project mainly comprises the provision of public sewerage for the unsewered areas in Cheung Chau and Tai O, and upgrading the sewage treatment facilities at the existing Cheung Chau and Tai O sewage treatment works.</p> <p>Detailed design of the project is in progress.</p>	



(5) Drainage Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
355DS B	Outlying Islands sewerage stage 2 – Lamma village sewerage phase 2, package 2	Under review	SEN DSD	2019Q4	2024Q2	<p>The project mainly comprises the provision of public sewerage for seven unsewered areas (Tai Yuen Village (portion), Ko Long (portion), Wang Long, Tai Wan San Tsuen, Tai Wan Kau Tsuen, Long Tsai Tsuen and Hung Shing Ye) in Yung Shue Wan and construction of two sewage pumping stations.</p> <p>Detailed design of the project is in progress.</p>	 



(5) Drainage Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
331DS B	Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works	Under review	SEN DSD	2019Q2	2025Q3	<p>The project aims at providing public sewerage at South Lantau. It mainly comprises the construction of trunk and village sewers, sewage pumping stations and sewage treatment works and submarine outfall for proper treatment and disposal of sewage generated from South Lantau including Shui Hau, Tong Fuk, Cheung Sha, San Shek Wan, Pui O and Ham Tin.</p> <p>Detailed design is in progress.</p>	

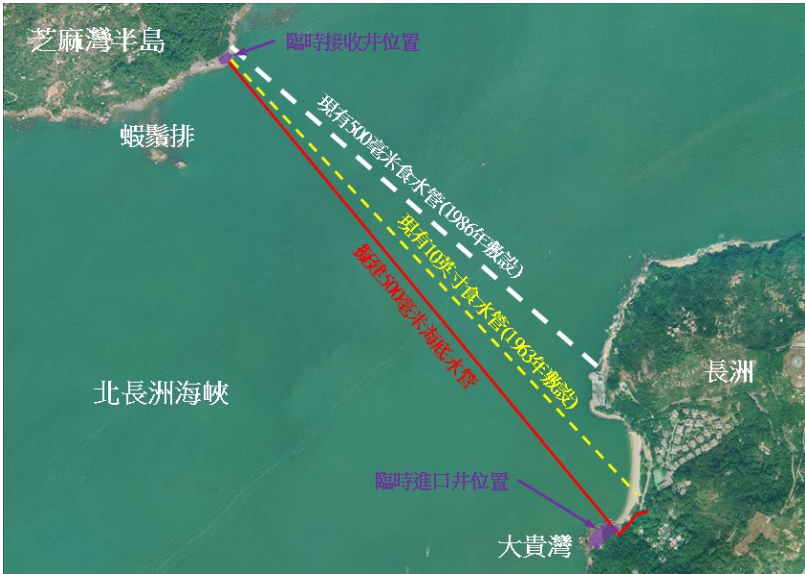
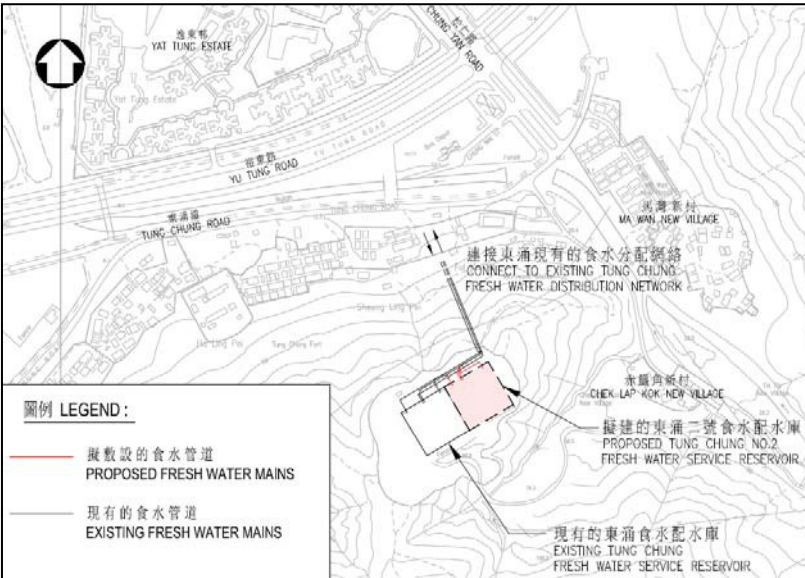
(6) Water Works

Item No & Cat.	Titl e	Estimated Cost (\$M)	Head of Bureau& responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
186WC A	Replacement and Rehabilitation of Water Mains Stage 3	89.00	SDEV WSD	03/2009	11/2017	<p>The works under Contract No.18/WSD/08 comprise replacement of approximately 16km aged fresh water mains with diameter ranging from 20mm to 450mm within Tai O, Shek Pik, Cheung Chau and Lamma Island.</p> <p>Water mains replacement works commenced in March 2009. The project was completed in November 2017.</p>	 <p><u>Works in Tai O, Lantau</u></p>  <p><u>Works in Cheung Chau</u></p>

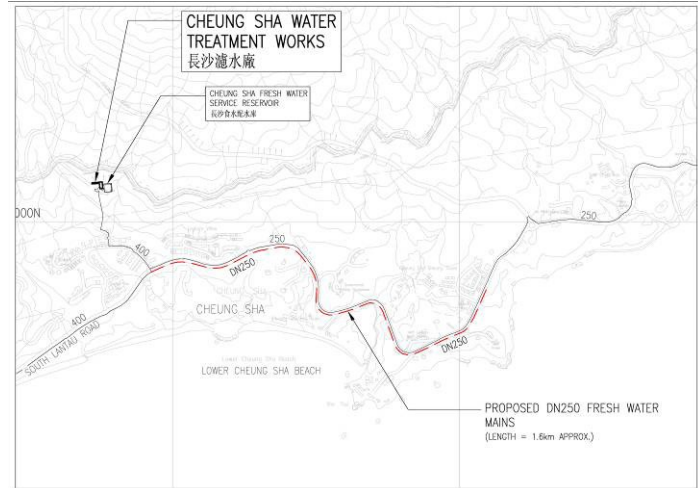
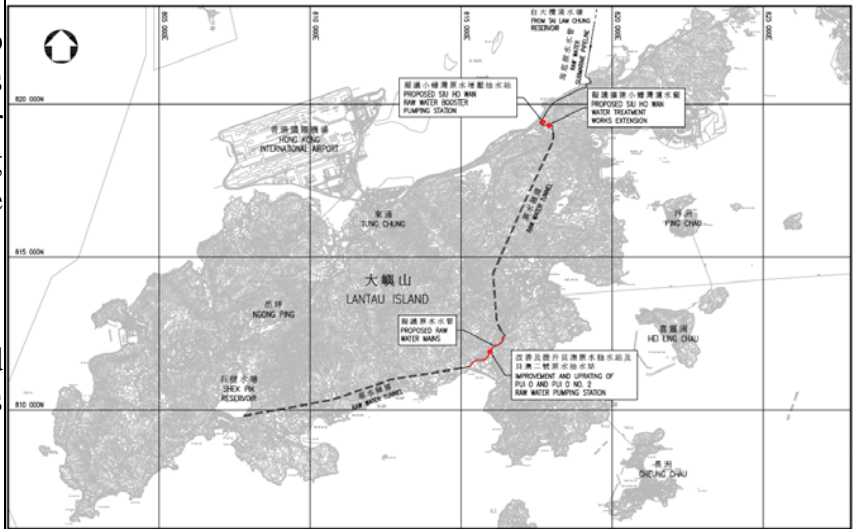
(6) Water Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
189WC A	Replacement and rehabilitation of water mains, stage 4, phase 2	214.42	SDEV WSD	10/2012	12/2017	<p>Contract No. 15/WSD/11:</p> <p>Works includes replacement of a total length of 38km of aged fresh water mains of diameters ranging from 20mm to 1200mm located at eastern, southern and western parts of Lantau Island, Peng Chau, Cheung Chau and Lamma Island. Contract commenced in October 2012 and all works were completed in December 2017</p>	 <p align="center"><u>Works along South Lantau Road, Lantau</u></p>  <p align="center"><u>Works along Tai O Road, Lantau</u></p>


(6) Water Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
333WF A	Improvement of fresh water supply to Cheung Chau	231.00	SDEV WSD	10/2013	09/2017	<p>Works Contract no. 1/WSD/13 commenced in October 2013 and completed in end September 2017.</p> <p>The project involves laying of about 1.4 kilometres of submarine water main of 500 millimetres in diameter across the Adamasta Channel from Lantau Island to Cheung Chau, and laying of about 150 metres of land mains at the landfalls.</p>	
356WF A	Uprating of Tung Chung fresh water supply system	300.20	SDEV WSD	12/2017	2020Q3	<p>This project comprises construction of Tung Chung No.2 Fresh Water Service Reservoir with a capacity of approximate 40,000 m³ and connection of proposed Tung Chung No. 2 Fresh Water Service Reservoir to existing fresh water distribution network.</p> <p>Advance works commenced in December 2017 whereas Contract No. 4/WSD/17 commenced in February 2018 and is anticipated to be completed in 2020.</p>	


(6) Water Works

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
9100WX D	Uprating of Cheung Sha Water Treatment Works	Under review	SDEV WSD	2018Q4	2020Q4	The project comprises uprating of Cheung Sha water treatment works from its nominal output of 6,000 cu.m. to 7,500 cu.m per day. The works will involve addition, modification and/or retrofitting of water treatment units, and associated civil, structural, geotechnical, mechanical and electrical works within the existing WSD's Land Allocation for Cheung Sha Water Treatment Works. Besides, mainlaying of 1.6km length along South Lantau Road is included to meet fire-fighting flow requirement.	
365WF B	Siu Ho Wan Water Treatment Works Extension	Under review	SDEV WSD	2021Q2	2025Q4	<p>The project comprises expansion of the Siu Ho Wan Water Treatment Works to increase its water treatment capacity from 150,000 m³ per day to 300,000 m³ per day, and corresponding increase in the transfer capacity of the associated raw water supply systems.</p> <p>The investigation study, design and associated site investigation works for the project is planned to commence in mid-2018.</p>	

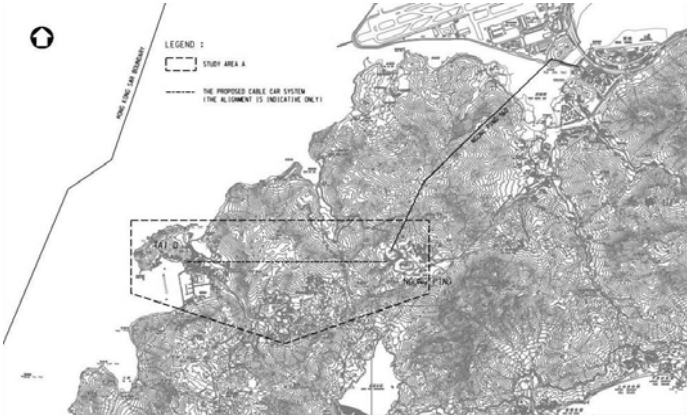

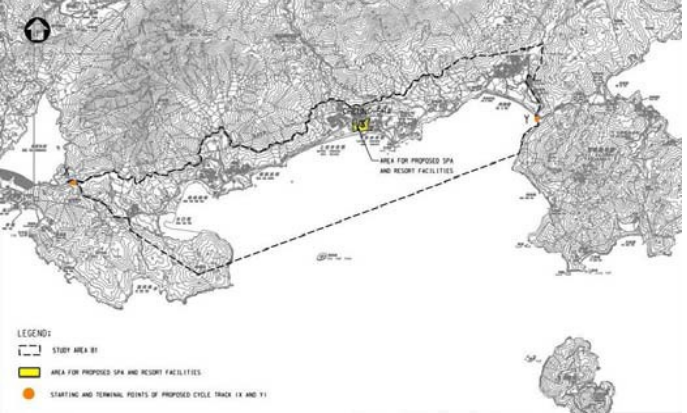
(7) Others

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
7100CX 7D67CL D	Planning & Engineering Study on Future Land Use at Ex-Lamma Quarry Area – Feasibility Study	29.90	SDEV PlanD & CEDD	01/2012	12/2018	<p>The study includes the formulation of various land use options for the ex-Lamma Quarry at Sok Kwu Wan in Lamma Island, and the related planning and engineering study as well as environmental impact assessment.</p> <p>For formulating the development mode, the Government is actively considering making use of private developers’ capacity for development in providing infrastructure and ancillary facilities. A “Market Sounding Out and Invitation for Development Proposal Exercise (the Exercise) for Development at Ex-Lamma Quarry Area at Sok Kwu Wan, Lamma Island” was conducted.</p> <p>Taking into account the findings of the Exercise, different land use initiatives, implementation arrangement of infrastructure and land uses, cost effectiveness of the development as well as the views collected in previous two stage Community Engagement, the Government will consider the way forward of the ex-Lamma Quarry development and the associated follow up actions.</p>	

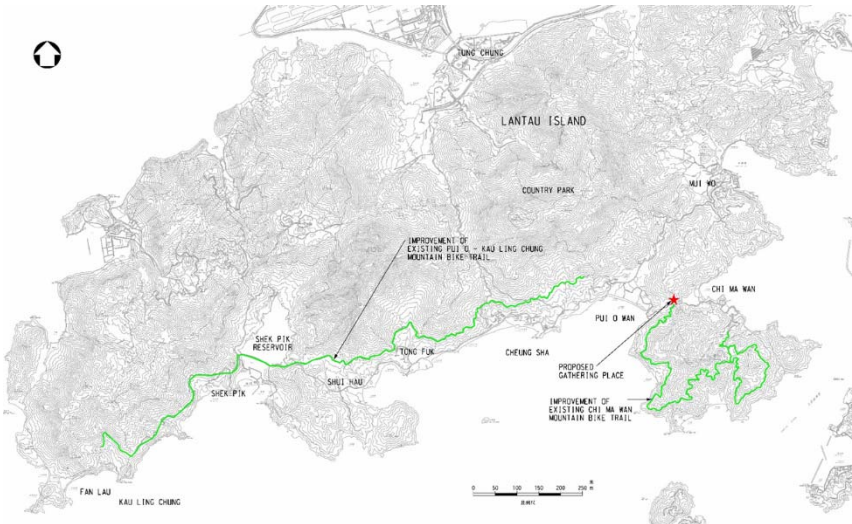

(7) Others

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
770CL A	Planning, engineering and architectural study for topside development at Hong Kong boundary crossing facilities island of Hong Kong-Zhuhai-Macao Bridge	63.40	SDEV PlanD & CEDD	01/2015	12/2019	<p>The project comprises a planning, engineering and architectural study for the proposed commercial development and the development of other economic activities at the Hong Kong boundary crossing facilities (HKBCF) island of Hong Kong-Zhuhai-Macao Bridge (HZMB) and the associated site investigation works.</p> <p>The planning, engineering and architectural study for topside development at the HKBCF island of HZMB commenced in January 2015 for completion in 2019.</p> <p>The assessments of financial viability and technical feasibility of the proposed development options including the assessment of environmental and traffic impacts, etc. are in progress.</p>	

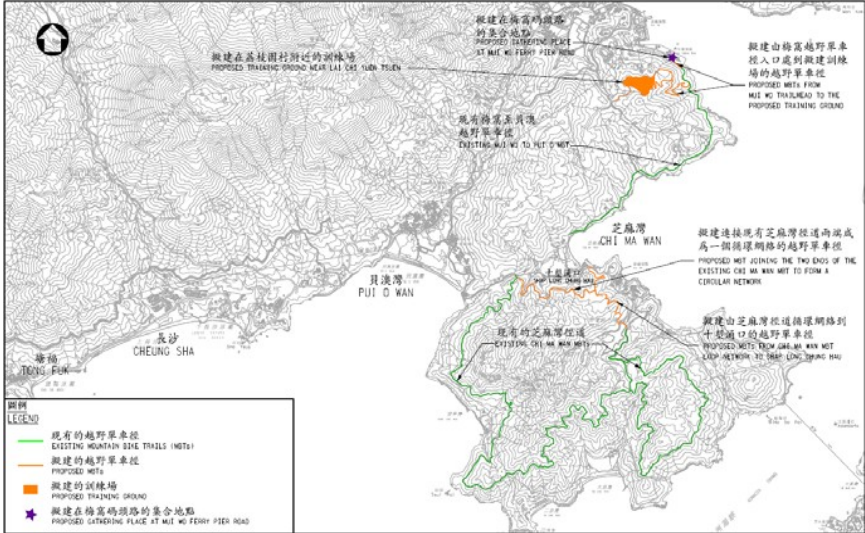
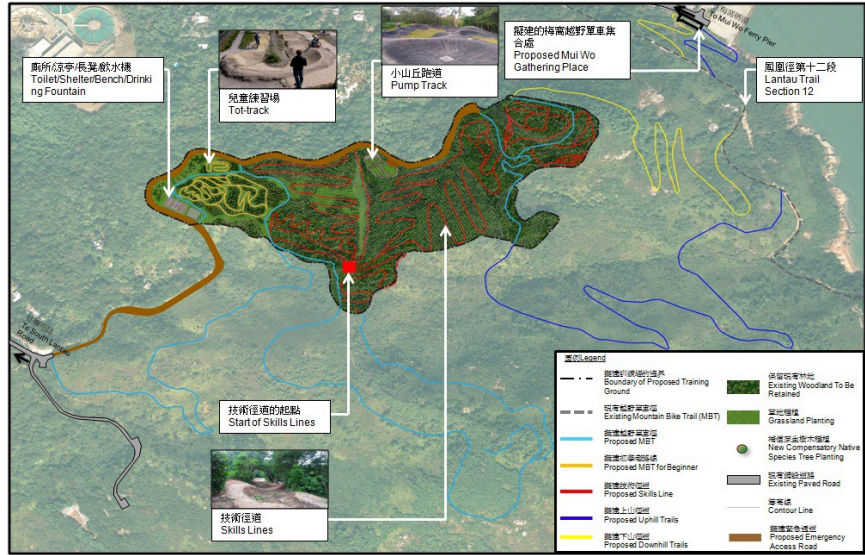
(7) Others

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
7E38RG 7E34RG D	Preliminary Feasibility Study of Cable Car System from Ngong Ping To Tai O, and Spa and Resort Development at Cheung Sha and Soko Islands - Feasibility Study	18.00	SDEV & CEDD	07/2015	06/2018	The project comprises engineering studies to assess the preliminary technical feasibility and financial viability of constructing a cable car system from Ngong Ping to Tai O, and spa and resort development at Cheung Sha and Soko Islands.	 <p>Cable Car System from Ngong Ping To Tai O Study</p>  <p>Spa and Resort Development at Soko Islands Study</p>  <p>Spa and Resort Development at Cheung Sha Study</p>

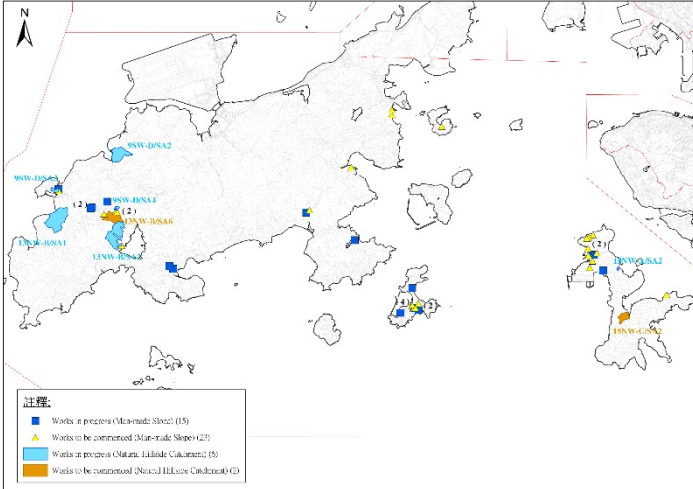
(7) Others

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
5G97RS D	Improvement Works for Mountain Bike Trail Networks in South Lantau	11.90	SDEV CEDD	11/2015	10/2017	<p>The project comprises improvement to existing Mountain Bike Trails (MBTs) in South Lantau, which includes:</p> <p>(i) improvement works at several sections of the existing Chi Ma Wan (CMW) MBT Pui O to Kau Ling Chung MBT to enhance safety and riding quality, and control erosion; and</p> <p>(ii) a gathering place at CMW MBT western trail head with supporting facilities, such as information/educational kiosks.</p> <p>Construction works commenced in end 2015 and were substantially completed in October 2017.</p>	 <p>Improvement Works for Mountain Bike Trail Networks in South Lantau – Location Plan</p>
							 <p>Improvement Works for Mountain Bike Trail Networks in South Lantau – Examples</p>

(7) Others

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
5290RS A	Expansion of Mountain Bike Trail Networks in Mui Wo and Chi Ma Wan, South Lantau	41.63	SDEV CEDD	12/2016	12/2018	<p>The project comprises construction of new mountain bike trails (MBTs) and training facilities in South Lantau, which includes:</p> <p>(i) a new training ground, with MBTs for different skill level requirements and attractive technical features, to be located at a hill top near Lai Chi Yuen Tsuen;</p> <p>(ii) new MBTs to connect the existing Chi Ma Wan trails to form a loop network; and</p> <p>(iii) a gathering place at Mui Wo trail head near Mui Wo Ferry Pier Road with supporting facilities, such as information/educational kiosks as well as new MBTs connecting the gathering place and the new training ground</p> <p>Part of the construction works commenced in end 2016. The main works contract also commenced in November 2017 for completion by end 2018.</p>	 <p>Expansion of Mountain Bike Trail Networks in Mui Wo and Chi Ma Wan, South Lantau – Location Plan</p>  <p>Proposed Training Ground at a Hilltop near Lai Chi Yuen Tsuen</p>

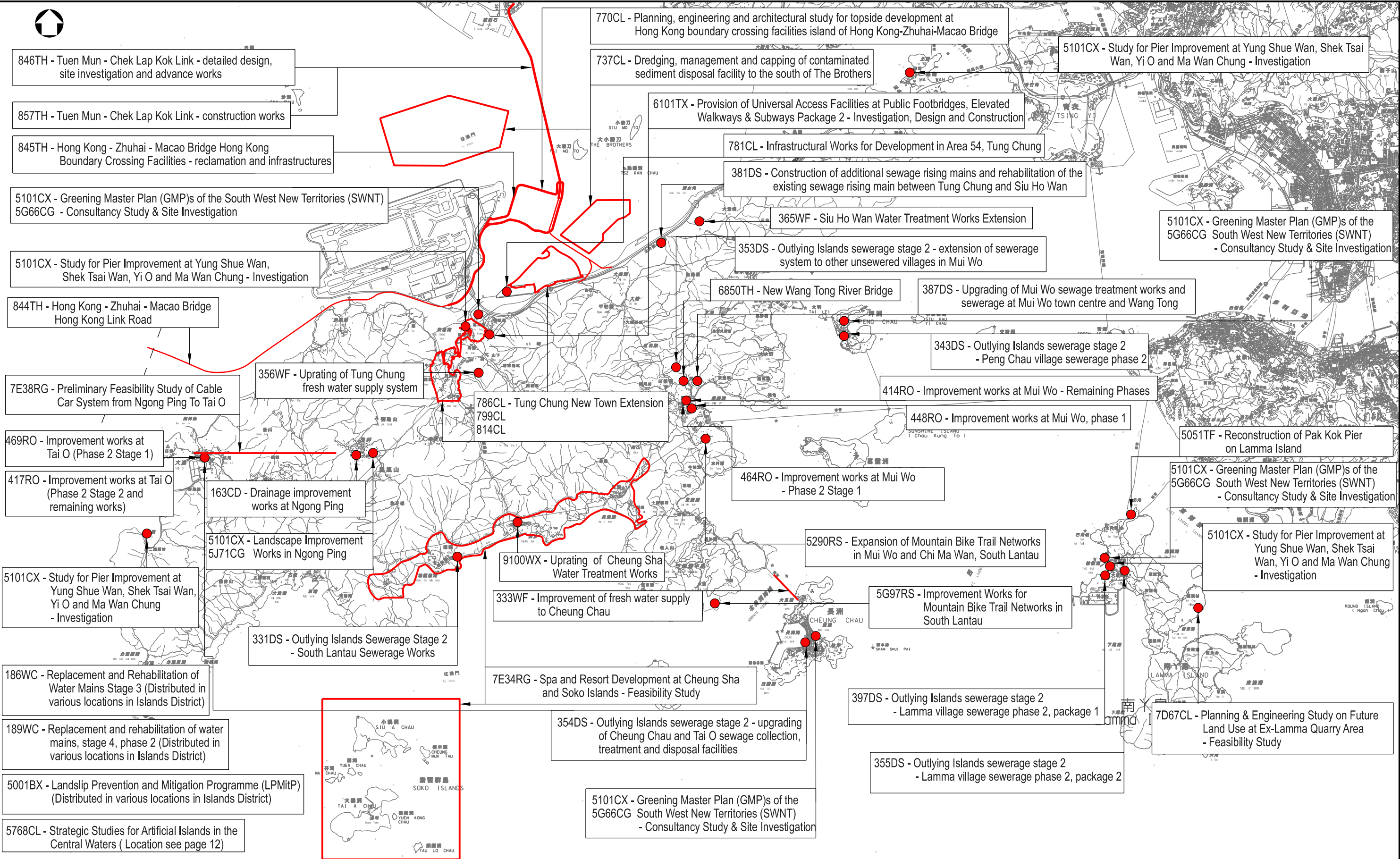
(7) Others

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
5001BX D	Landslip Prevention and Mitigation Programme (LPMitP)	1,035 (Estimated expenditure for Financial Year 2018/19)	SDEV CEDD	On-going	On-going	<p>Landslip Prevention and Mitigation (LPMit) works for 112 man-made slopes and 11 natural hillside study areas in Islands District were completed.</p> <p>The LPMit works for 15 man-made slopes and 6 natural hillside study areas in Islands District are in progress.</p> <p>The details of man-made slopes are:</p> <ul style="list-style-type: none"> ➤ 2 Slopes Nos. 14NE-B/C156 and 14NE-B/R74 at Yung Shue Long New Village, Lamma Island; ➤ 1 Slope No. 15NW-A/CR56 at Long Tsai Village, Lamma Island; ➤ 1 Slope No. 14NW-D/C6 at Round Table 3rd Village, Cheung Chau; ➤ 1 Slope No. 14NW-D/C122 at Tung Tai Sun Tsuen, Cheung Chau; ➤ 1 Slope No. 14NW-D/R199 at Cheung Chau Peak Road, Cheung Chau; ➤ 1 Slope No. 14NW-D/CR377 at Ko Shan Tsuen, Cheung Chau; ➤ 1 Slope No. 9SW-D/C188 at Kat Hing Back Street, Tai O; ➤ 1 Slope No. 14NW-A/R25 at Pui O Lo Wai Tsuen, Pui O; ➤ 1 Slope No. 14NW-A/C158 at Chi Ma Wan Prison, Lantau Island; ➤ 1 Slopes Nos. 13NE-A/C263 and at South Lantau Road, Lantau Island; ➤ 2 Slopes Nos. 9SW-D/C227 and 9SW-D/C225 at Lower Keung Shan, Lantau Island; ➤ 1 Slope No. 9SW-D/CR279 at Upper Keung Shan, Lantau Island; and ➤ 1 Slope No. 13NE-A/FR167 at Shui Hau, Lantau Island. 	

(7) Others

Item No & Cat.	Title	Estimated Cost (\$M)	Head of Bureau & responsible Dept/ Organization	Commencement Date (M/Yr)	Completion Date (M/Yr)	Scope of Works/ Notes	Photo/Drawing
						<p>The details of natural hillside study areas are:</p> <ul style="list-style-type: none">➤ 1 Study Area No. 9SW-D/SA2 near Sham Shek Tsuen, Lantau Island;➤ 1 Study Area No. 9SW-D/SA3 near Kat Hing Back Street, Tai O;➤ 1 Study Area No. 9SW-D/SA4 near Fat Hwa Nunnery, Lantau Island;➤ 1 Study Area No. 13NW-B/SA1 near Fan Kwai Tong, Lantau Island;➤ 1 Study Area No. 13NW-B/SA2 near Shek Pik Reservoir; and➤ 1 Study Area No. 15NW-A/SA2 near Lo Tik Wan, Lamma Island. <p>CEDD plan to commence the LPMit works for another 23 man-made slopes and 2 natural hillside study areas in Islands District in the coming year. The works are scheduled to commence in the 2nd Quarter of 2018 and they will be completed by mid-2020.</p>	

8) Appendix



圖則名稱 drawing title

Progress Report of Major Projects in Islands District 2018 - Projects Location Plan

項目編號 item no.

比例 scale A3

1 : 100 000

圖則編號 drawing no.

SLO-Z0064

辦事處 office

可持續大嶼辦事處

SUSTAINABLE LANTAU OFFICE

CEDD 土木工程拓展署
CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT

SLO-Z0064.dgn

A3 420MM X 297MM