

**Construction Works Schedule and Location
Plans for Tung Chung New Town Extension
(EP No. EP-519/2016)**

January 2021

1. Project Description

The development of Tung Chung New Town Extension (TCNTE), comprising Tung Chung East (TCE) and Tung Chung West (TCW), is a mega-scale and complex project aiming to provide land to meet the future housing economic and social development needs of Hong Kong. Due to the fact that the proposed works are geographically separated, the implementation of mega-scale Project is divided into two packages, namely TCE and TCW respectively. In accordance with the tight delivery programme, the Project will be implemented in phases under separate contracts for the developments of TCE and TCW.

2. Scope of Works for Tung Chung New Town Extension

The Tung Chung New Town Extension project (the Project) comprises the following elements:

- (i) reclamation of the seabed by a non-dredged method at TCE to form a total of about 130 hectares of land;
- (ii) construction of about 4.9 kilometers of seawalls, with an eco-shoreline, three drainage box culvert outfalls, three circulation drains and a seawater intake at TCE;
- (iii) provision of infrastructure for Tung Chung Area 58, including construction of a single two-lane road with a footpath and the associated utility works;
- (iv) site formation works at TCW;
- (v) construction of the River Park including a visitor centre at TCW;
- (vi) construction of proposed open space;
- (vii) construction of sustainable urban drainage systems at TCW;
- (viii) construction of roads, footpaths, cycle tracks and the associated junction / road improvement works;
- (ix) engineering infrastructure works covering drainage, sewerage, waterworks (including a fresh water service reservoir, a salt water service reservoir and a salt water pumping station), common utility tunnels and landscaping works; and
- (x) implementation of environmental mitigation measures and environmental monitoring and audit programme for the works.

3. Implementation Programme

The Contract No NL/2017/03 – Tung Chung New Town Extension – Reclamation and Advance Works (i.e. Contract 1) at TCE has been awarded in December 2017 and is scheduled for completion in end 2023. The main contractor for Contract No. NL/2017/03 is Build King – Samsung C&T Joint Venture (BKSCTJV).

The detailed design for the first phase of site formation and infrastructure works at TCE and TCW (First Phase development) has been completed, while the detailed design for the remaining phase of site formation and infrastructures works is in progress. CEDD will seek funding from the Legislative Council in phases to tie in with population intakes. The construction works at TCE and TCW for the First Phase development will commence in phases once funding approvals by the Legislative Council Finance Committee.

4. Submission under EP

In view that only the reclamation and advance works contract (i.e. Contract 1) at TCE has commenced, this submission is prepared based on the latest information of Contract 1. The submission shall be updated before commencement of construction of the respective contracts for the site formation and infrastructure works at TCE and TCW according to the relevant requirements contained in the EM&A Manual, EIA Report and EP.

The details of Construction Works Schedule and Location Plans for Contract 1 are provided in **Section 1** below.

The layout plan for the site formation and infrastructure works of TCNTE is provided in **Section 2**.

Section 1

Construction Works Schedule and Location Plans for

Contract No. NL/2017/03

Tung Chung New Town Extension –

Reclamation and Advance Works



BLACK & VEATCH

Black & Veatch Hong Kong Limited

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Email 電郵 bvbk@bv.com

OUR REF 198377-0297

YOUR REF

DATE 28 January 2021

Sustainable Lantau Office
Civil Engineering and Development Department
13/F, North Point Government Offices
333 Java Road, North Point
Hong Kong

For the attention of Mr. S.K. LO / Mr. K.T. WO

Dear Sir,

**Agreement No. CE 59/2017 (EP)
Independent Environmental Checker for Tung Chung New Town Extension – Investigation
Construction Works Schedule and Location Plans (EP condition 2.12)**

We refer to the Construction Works Schedule and Location Plans (Revision 2) dated 12 January 2021 and certified by the Environmental Team Leader on 27 January 2021. Please note we have no adverse comments on the captioned submission. The captioned submission is hereby verified in accordance with the requirement stipulated in Condition 2.12 of EP-519/2016.

Should you have any query, please feel free to contact the undersigned at 2608 7314 (chuawo@bv.com) or our Ivan Ting at 9222 9490 (iec.tcnte@gmail.com)

Yours faithfully,
for and on behalf of
BLACK & VEATCH HONG KONG LIMITED

MANUEL CHUA
INDEPENDENT ENVIRONMENTAL CHECKER

c.c. ET Leader – ERM (Attn: Mr. Jovy Tam) [by Email: joyv.tam@erm.com]
Project Manager / TCE – AECOM (Attn: Mr. Chris Cheung) [by Email: sreg1@tce-aecom.com]

Tung Chung New Town Extension

Environmental Certification Sheet for Environmental Permit No. EP-519/2016


Reference Document/Plan

Document/Plan to be Certified:	Construction Works Schedule and Location Plans (Revision 2)
Date of Report:	12 January 2021

Reference EP Condition

Environmental Permit Condition:	Condition 2.12
The Permit Holder shall, no later than 3 months before the commencement of construction of the Project, deposit 3 hard copies and 1 electronic copy of a work plan (The Plan) with the Director. The Plan shall include at least the following information/specifications:	
(i). a detailed phasing programme of all construction works including reclamation, seawall construction, roadworks, river park and sewage pumping stations of the Project; and	
(ii). location plan of all construction works in an appropriate scale.	

ET Certification

I hereby certify that the above referenced document/plan complies with the above referenced condition of EP-519/2016	
Jovy Tam Environmental Team Leader ERM-Hong Kong, Limited	 Date: 27 January 2021




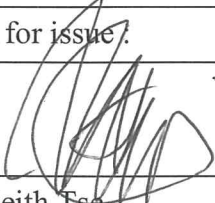
Civil Engineering and Development Department

Contract No. NL/2017/03

Tung Chung New Town Extension – Reclamation and
Advance Works

Construction Works Schedule and Location Plans

Revision 2

Complied By :	Authorized for issue :
Signature : 	Signature : 
Name : Dickson Mak Post : Environmental Officer Date : 12-Jan-2021	Name : Keith Fse Post : Site Agent Date : 12 Jan 2021

Revision Summary

Revision Number	Date of Report	Amendment
1	14 May 2018	First submission
2	12 January 2021	Updated the Location Plans to reflect the latest arrangement. Updated Section 2.

Contents

1. Working Programme for Marine Work (Reclamation and Seawall Construction) and Location Plan of the Works
2. Construction Sequence of Reclamation Works

AECOM

PROJECT
 TUNG CHUNG NEW TOWN
 EXTENSION (EAST) -
 DESIGN AND
 CONSTRUCTION
CONTRACT TITLE
 TUNG CHUNG NEW TOWN EXTENSION -
 RECLAMATION AND ADVANCE WORKS

CLIENT
 CEDD
 Civil Engineering and
 Development Department

CONSULTANT
 AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS

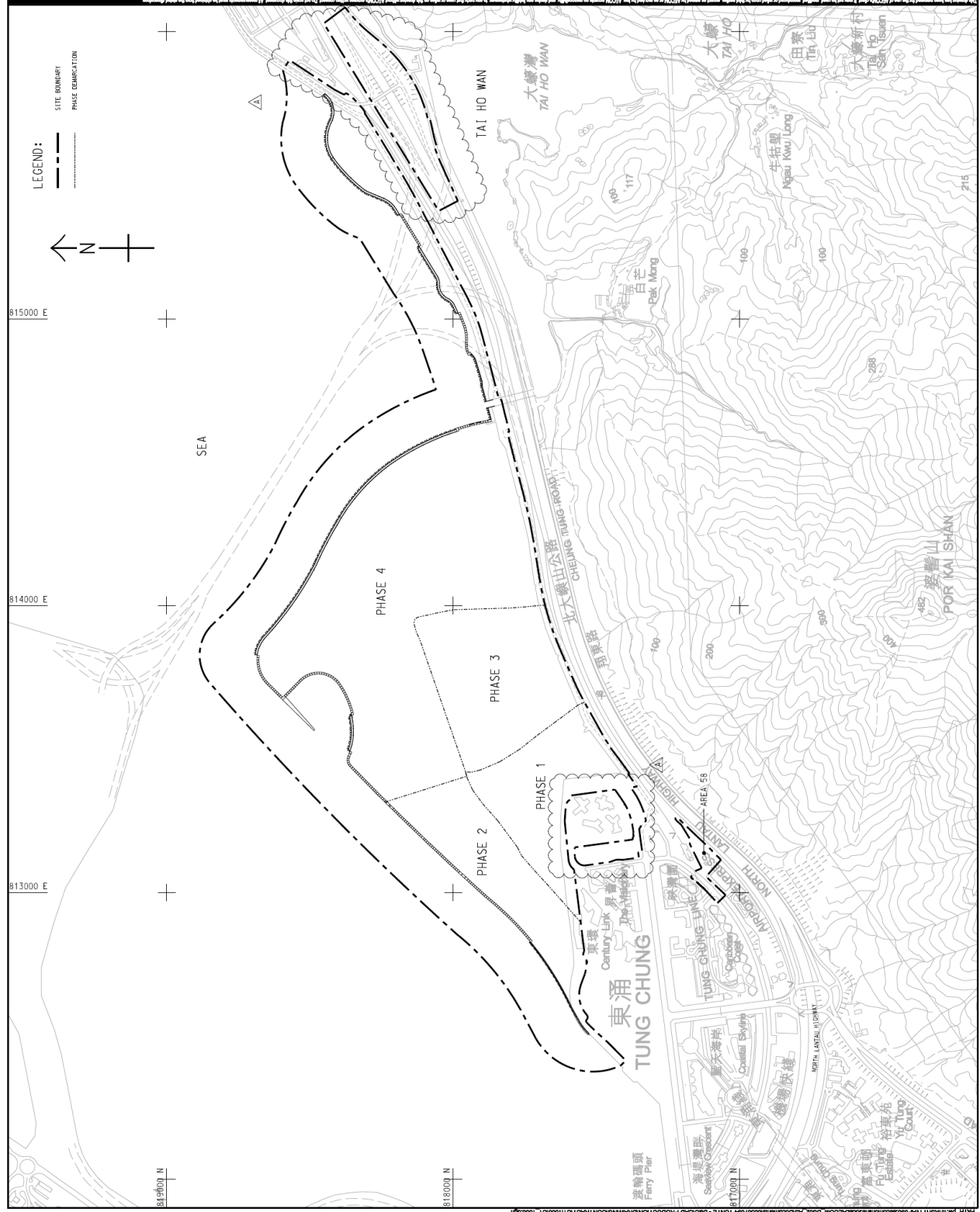
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2	JUN. 17	TENDER DRAWING	SWAM	CHK
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4				
5				

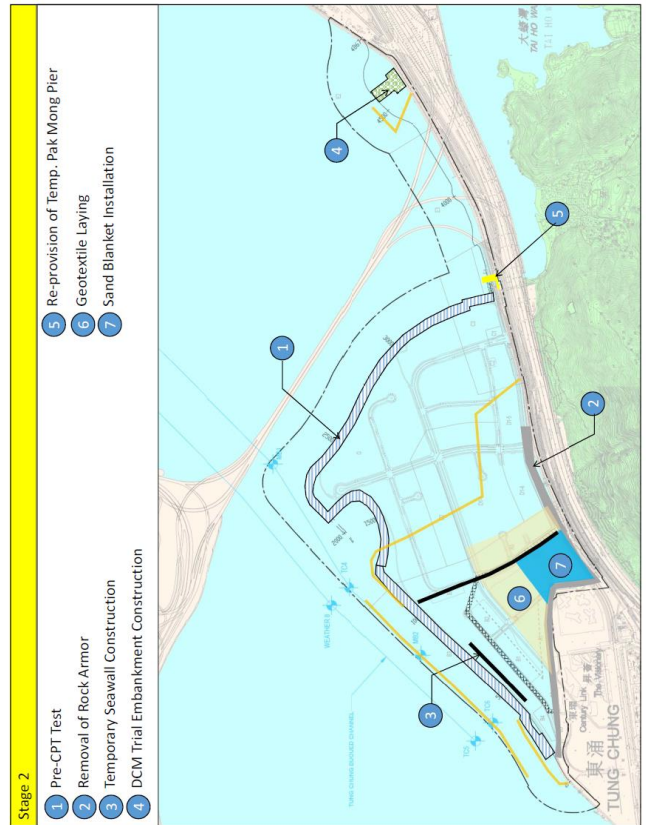
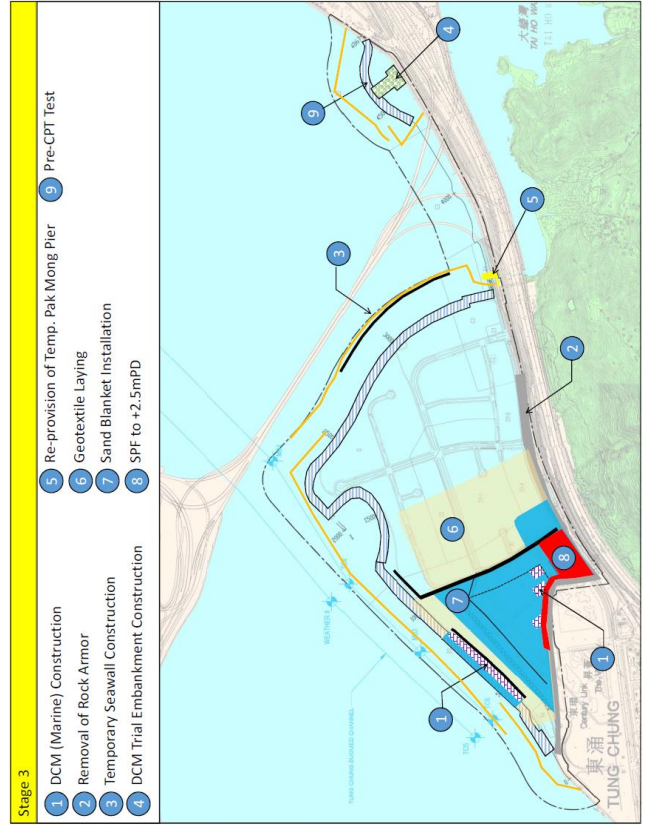
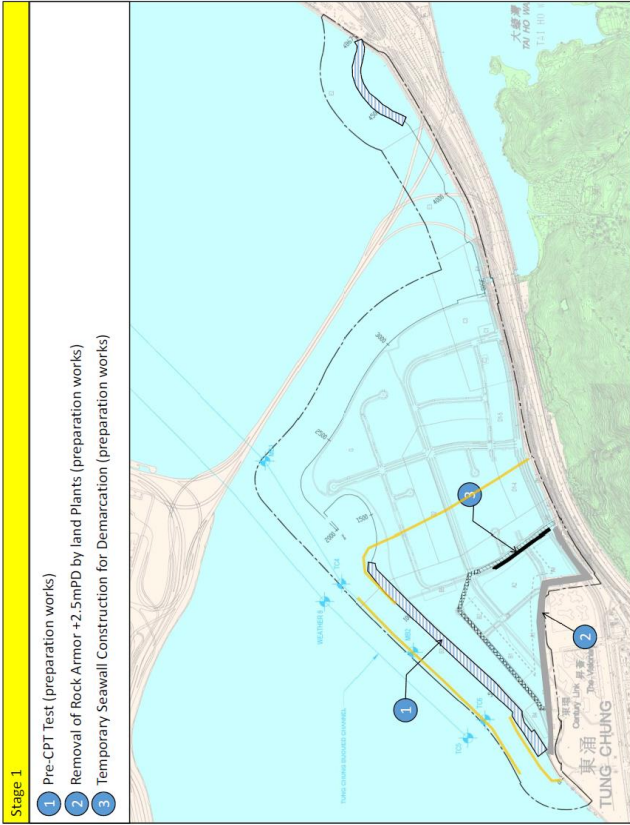
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KEY PLAN	

PROJECT NO.	CONTRACT NO.
G0507694	NL/2017/03
SHEET TITLE	
PHASING LAYOUT	

SHEET NUMBER
G0507694/C1/1006A

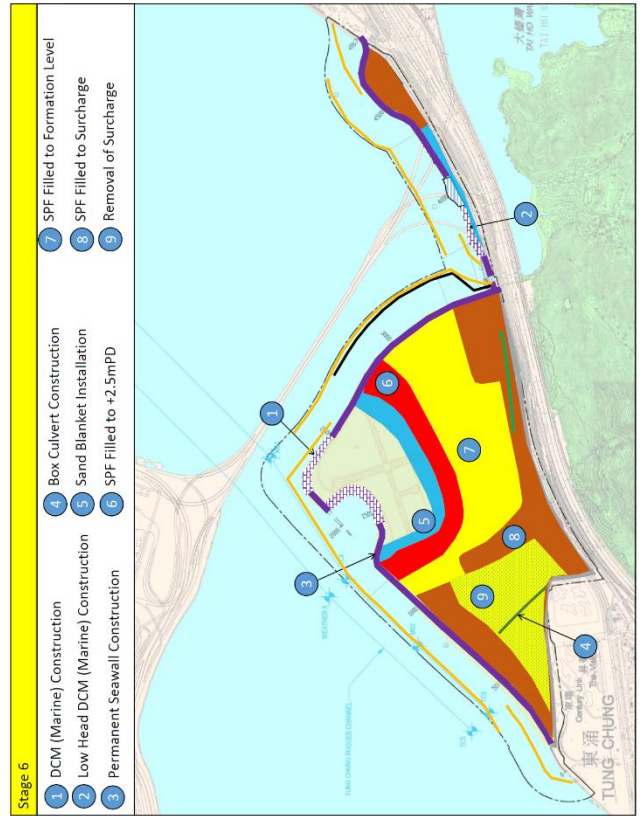
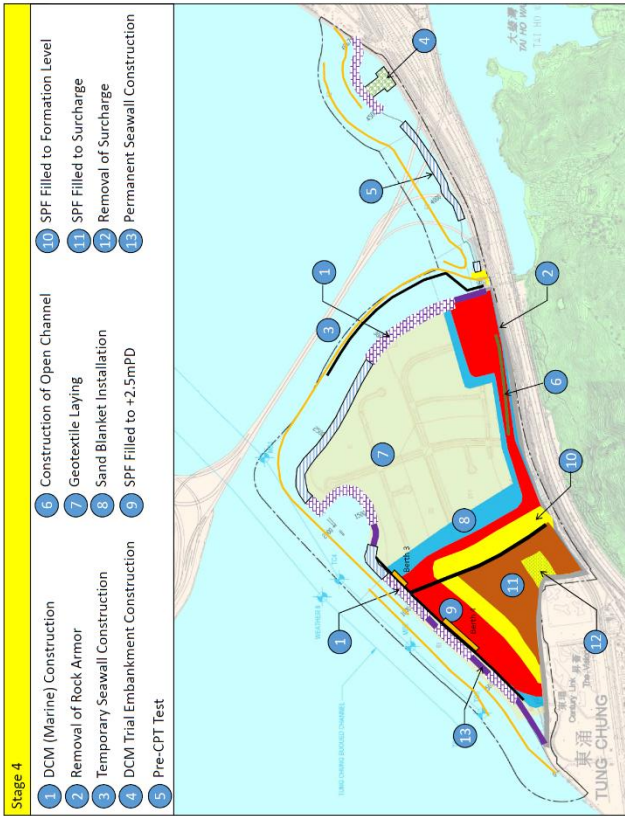
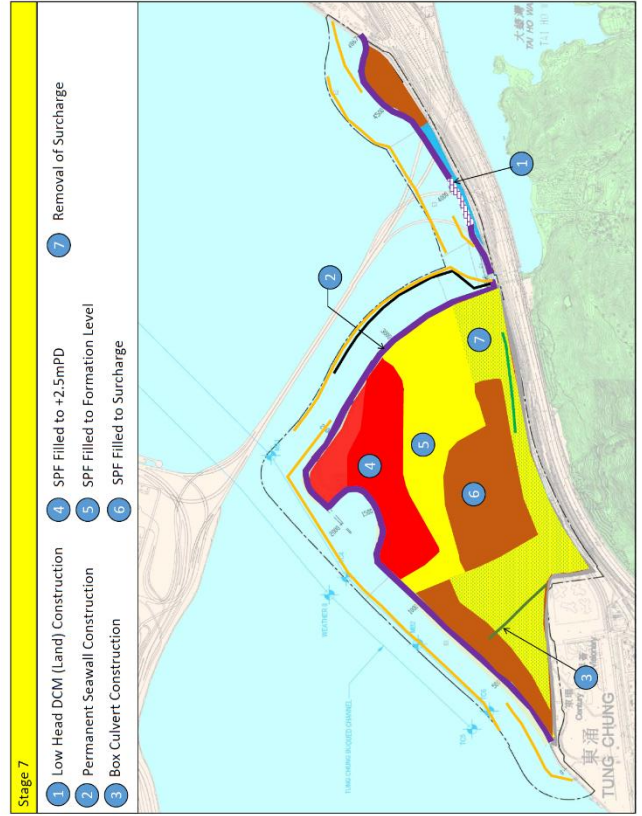
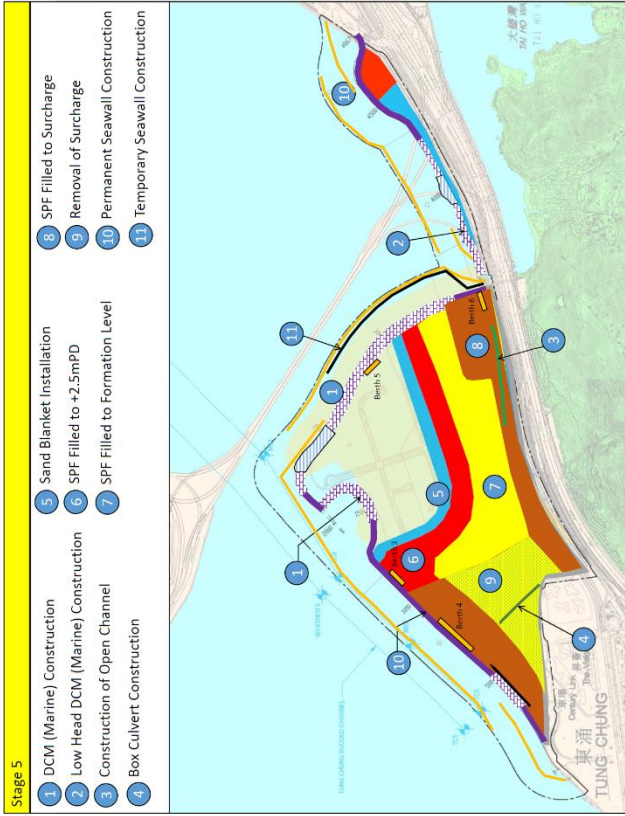


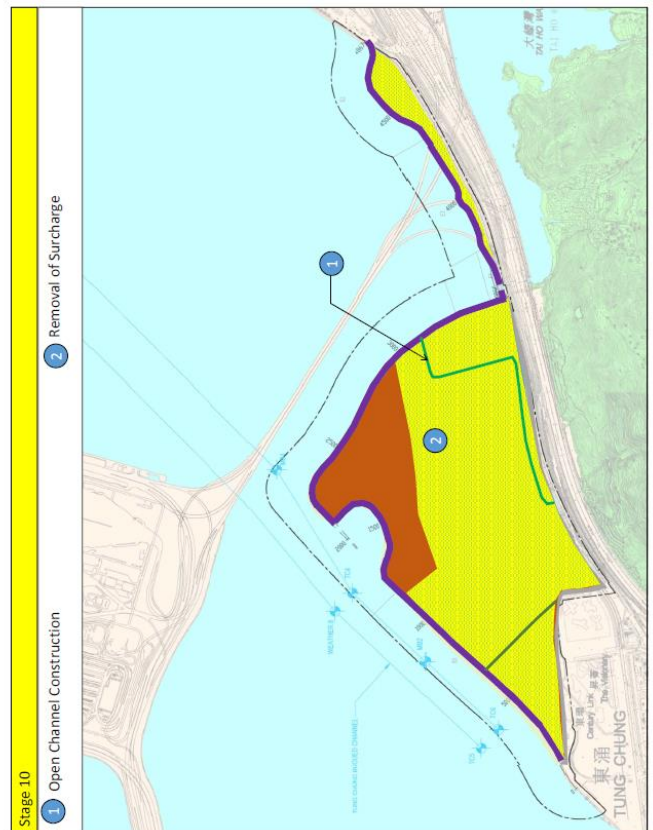
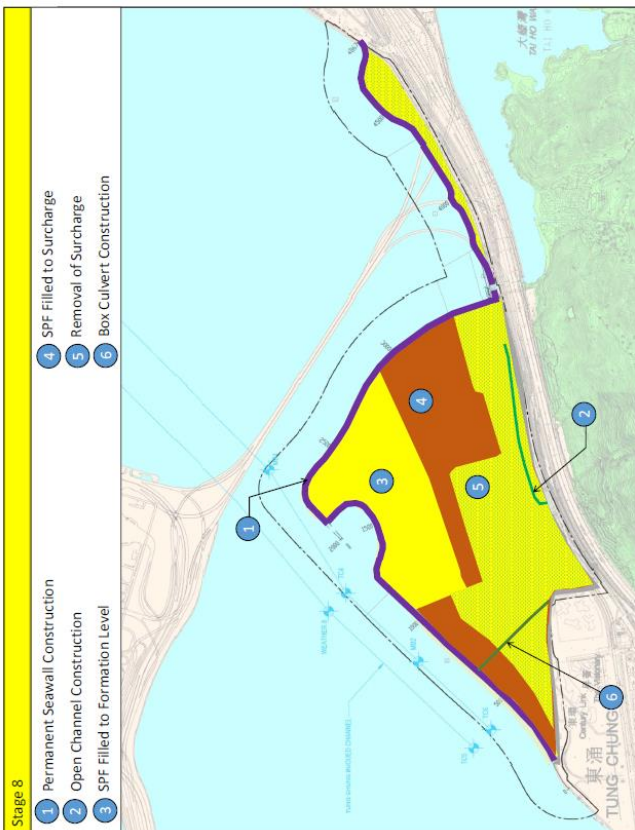
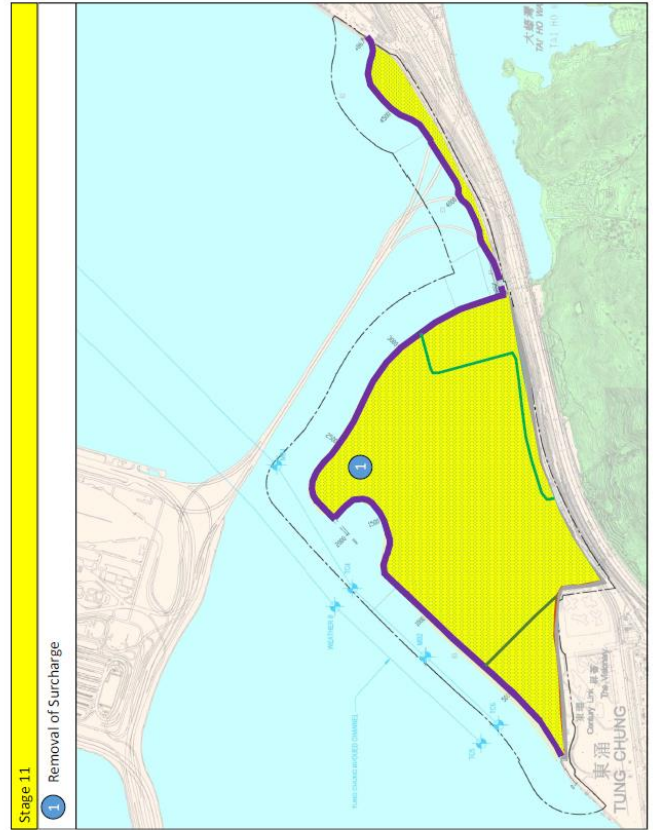
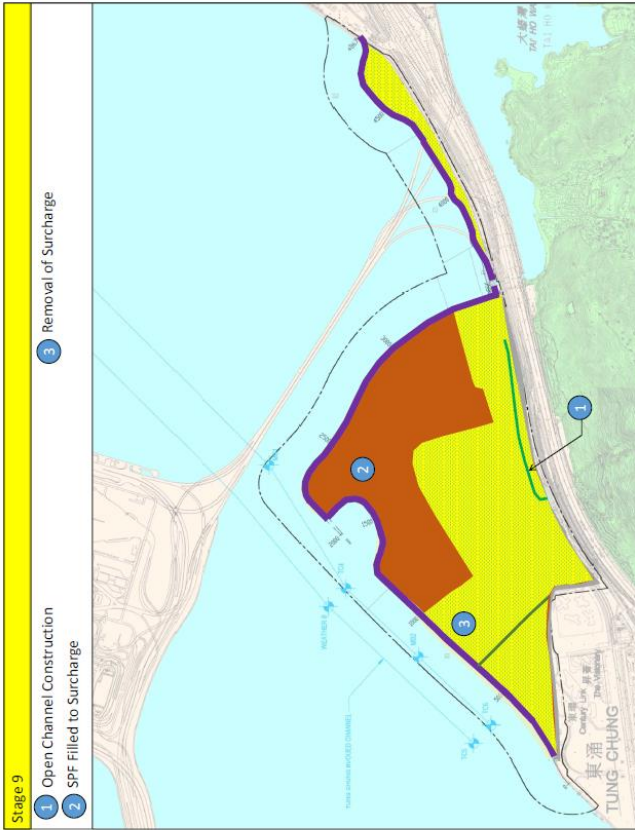
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Legend :

- | | | | |
|--|--|--|-------------------|
| | Rock Armour Removal | | Trial Embankment |
| | Geotextile | | Box Culvert |
| | Sand Blanket | | Open Channel |
| | SPF Filling to +2.5mPD | | Temporary Seawall |
| | SPF Filling to FL | | Permanent Seawall |
| | SPF Filling to Surcharge | | Silt Curtain |
| | Removal of Surcharge (Reclamation Completed) | | |
| | Pre-CPT | | |
| | Deep Cement Mixing (DCM) | | |



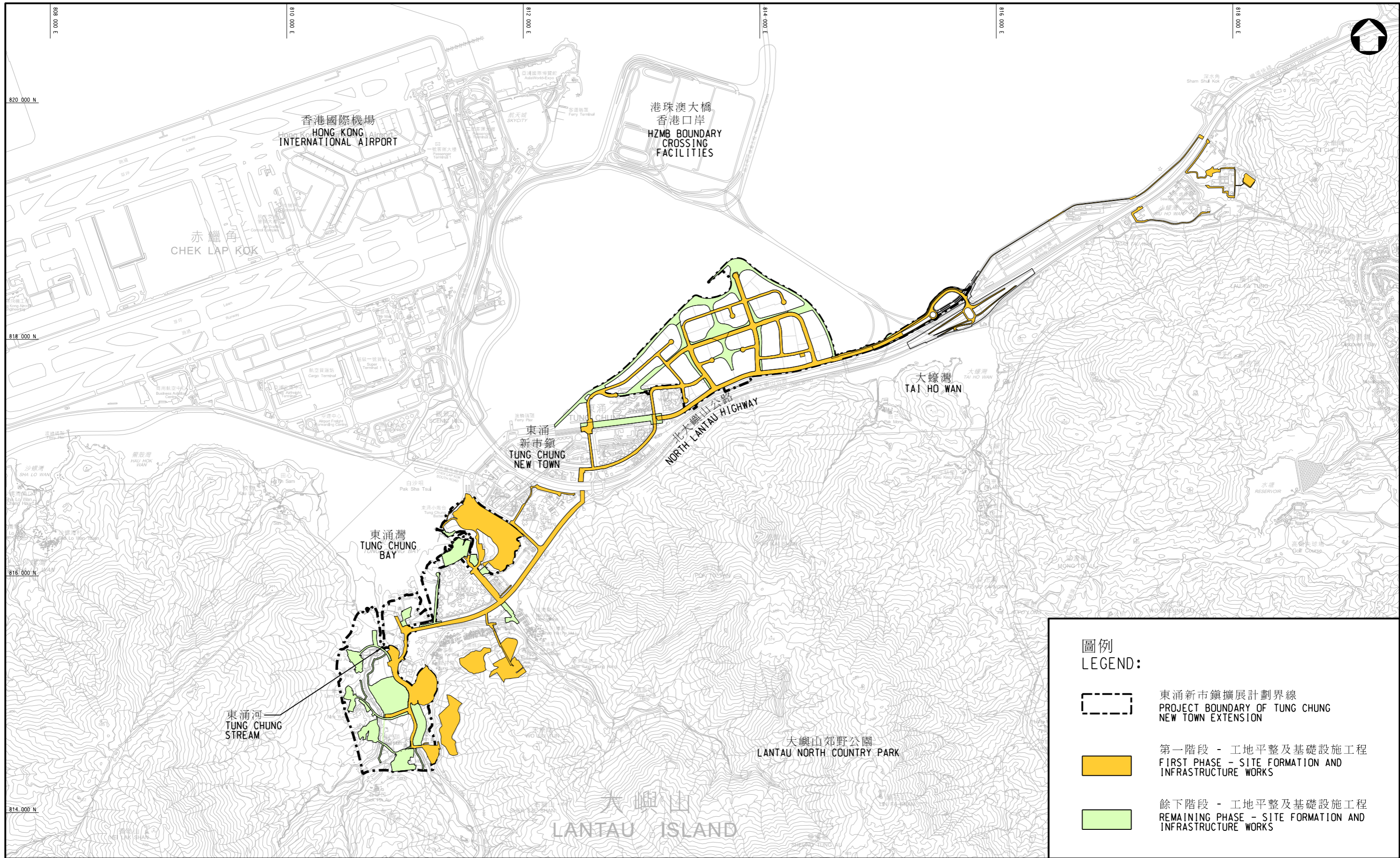


Section 2




Layout Plan for

the Site Formation and Infrastructure Works

of Tung Chung New Town Extension



圖例
LEGEND:

-  東涌新市鎮擴展計劃界線
PROJECT BOUNDARY OF TUNG CHUNG NEW TOWN EXTENSION
-  第一階段 - 工地平整及基礎設施工程
FIRST PHASE - SITE FORMATION AND INFRASTRUCTURE WORKS
-  餘下階段 - 工地平整及基礎設施工程
REMAINING PHASE - SITE FORMATION AND INFRASTRUCTURE WORKS

工務計劃項目第786CL號
 東涌新市鎮擴展 - 工地平整及基礎設施工程 - 發展階段
 PWP ITEM NO. 786CL
 TUNG CHUNG NEW TOWN EXTENSION - SITE FORMATION AND INFRASTRUCTURE WORKS - DEVELOPMENT PHASING