

Construction Works Schedule and Location Plans for Tung Chung New
Town Extension (East)

(Revision 4)

(EP No. EP-519/2016)

Dec 2022

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 4)
Date of Report:	December 2022

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	
Kelvin So Environmental Team Leader ERM-Hong Kong, Limited	 Date: 20 December 2022

Your Ref.

By Post

Our Ref. 198377-0615

Date 20 December 2022

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. Vincent CHOW / Mr. K.T. WO

Dear Sirs,

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 for Tung Chung New Town Extension (East) (TCE) dated December 2022 and certified by the Environmental Team Leader of TCE on 20 December 2022. 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@binnies.com) or our Edward Lau at 6848 5737 (iec.tcnte@gmail.com or lauky@binnies.com).

Yours faithfully,
for and on behalf of
BINNIES HONG KONG LIMITED



MANUEL CHUA
INDEPENDENT ENVIRONMENTAL CHECKER

cc: ET Leader / TCE – ERM (Attn: Mr. Kelvin So) [by Email: Kelvin.So@erm.com]
PM / TCE – AECOM (Attn: Mr. Chris Cheung) [by Email: crec1@tce-aecom.com]



Binnies Hong Kong Limited
43/F, AIA Kowloon Tower, 100 How Ming Street, Kwun Tong, Kowloon, Hong Kong
賓尼斯工程顧問有限公司
香港九龍觀塘巧明街 100 號友邦九龍大樓 43 樓



+852 2601 1000



+852 2601 3988



binnieshk@binnies.com



History of Revision and Amendments

Revision Number	Date of Report	Amendments
1	May 2018	First Submission
2	January 2021	Updated Location Plans to reflect the latest arrangement
3	June 2022	Updated programme bar chart with the current demarcation plan for Contract 1 Consolidation with other Contracts under TCE
4	December 2022	Updated Location Plans to reflect the latest arrangement Consolidation with other Contracts under TCE

Table of Contents

1.	Introduction	1
1.1.	Background	1
1.2.	Scope of Works	2
1.2.1.	Tung Chung New Town Extension – Reclamation and Advance Works (Contract No. NL/2017/03) (Contract 1)	2
1.2.2.	Tung Chung New Town Extension – Salt Water Supply System (Contract No. NL/2020/02) (Contract 2)	2
1.2.3.	Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East (Contract No. NL/2020/03) (Contract 3).....	3
1.2.4.	Tung Chung New Town Extension – Tai Ho Interchange (Contract No. NL/2020/07) (Contract 7).....	3

Annex 1 - Location Plan

Annex 2 - Tung Chung New Town Extension – Reclamation and Advance Works
(Contract No. NL/2017/03) (Contract 1)

Annex 3 - Tung Chung New Town Extension – Salt Water Supply System
(Contract No. NL/2020/02) (Contract 2)

Annex 4 - Tung Chung New Town Extension – Major Infrastructure Works in
Tung Chung East (Contract No. NL/2020/03) (Contract 3)

Annex 5 - Tung Chung New Town Extension – Tai Ho Interchange (Contract No.
NL/2020/07) (Contract 7)

1. Introduction

1.1. Background

The Environmental Impact Assessment (EIA) Report (Register No.: AEIAR-196/2016) prepared for the “Tung Chung New Town Extension” (hereinafter referred to as “the Project”) has been approved by the Director of Environmental Protection, and an Environmental Permit (EP) (Permit No.: EP-519/2016) has been issued for the project under the Environmental Impact Assessment Ordinance. This submission of Construction Works Schedule and Location Plans has been prepared in accordance with Condition 2.12 of the EP which stipulates

(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.

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. This submission only covers the relevant information of the construction works for the Construction Works Schedule and Location Plans in TCE. For the relevant information of the construction works including river park which is located in TCW, please refer to the Construction Works Schedule and Location Plans for TCW at the dedicated project website: <https://www.env.tcnte-west.hk/en/ep-submissions.html>.

1.2. Scope of Works

1.2.1. Tung Chung New Town Extension – Reclamation and Advance Works
(Contract No. NL/2017/03) (Contract 1)

Build King – SCT Joint Venture (BKSC TJV) is the contractor appointed to undertake the reclamation works in Tung Chung East and the advance works for the Project. The works mainly comprise:-

- a) Reclamation of the seabed by a non-dredged method at Tung Chung East (TCE) to form a total of about 130 hectares of land;
- b) Construction of about 4.9 kilometres of seawalls with eco-shoreline, three drainage box culvert outfalls, three circulation drains and a seawater intake;
- c) Construction of about a 470-metre long multi-cell drainage box culvert at TCE;
- d) Provision of infrastructure for Tung Chung Area 58, including construction of a single two-lane road with a footpath of about 270 meters in length and the associated utility works; and
- e) Associated environmental mitigation measures.

1.2.2. Tung Chung New Town Extension – Salt Water Supply System
(Contract No. NL/2020/02) (Contract 2)

China Geo-engineering Corporation (CGC) is the contractor appointed to undertake the construction of salt water supply system for the Project. The works mainly comprise:-

- a) Construction of Tung Chung Salt Water Pumping Station at Tung Chung East reclamation area with a pumping capacity of 54,000 m³ per day;
- b) Construction of Tung Chung Salt Water Service Reservoir near Chek Lap Lok New Village with a storage capacity of about 11,500 m³;
- c) Laying of about 2,600m long salt watermains;
- d) Laying of about 1,500m long fresh watermains;
- e) Compensatory woodland planting near Tung Chung Salt Water Service Reservoir; and
- f) Associated civil, geotechnical, structural, building services systems, electrical and mechanical engineering and landscape works.

1.2.3. Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East (Contract No. NL/2020/03) (Contract 3)

Build King Civil Engineering Limited (BKCEL) is the contractor appointed to undertake the construction of main infrastructure works for the Project. The works mainly comprise:-

- a) Construction of engineering infrastructure including drainage works, sewerage works (including two sewage pumping stations), waterworks, roadworks (including carriageways, footpaths, cycle tracks and junction improvements), common utility tunnels and landscaping works; and
- b) Construction of associated environmental mitigation works including noise barriers and low-noise road surfacing.

1.2.4. Tung Chung New Town Extension – Tai Ho Interchange (Contract No. NL/2020/07) (Contract 7)

Build King Civil Engineering Limited (BKCEL) is the contractor appointed to undertake the construction of Tai Ho Interchange connecting North Lantau Highway, Road P1 and Cheung Tung Road, construction of a section of dual two-lane Road P1 between Tung Chung East and Tai Ho Interchange, laying of fresh water, salt water and sewage rising mains, associated civil, geotechnical and landscaping works for the Project. The works mainly comprise:-

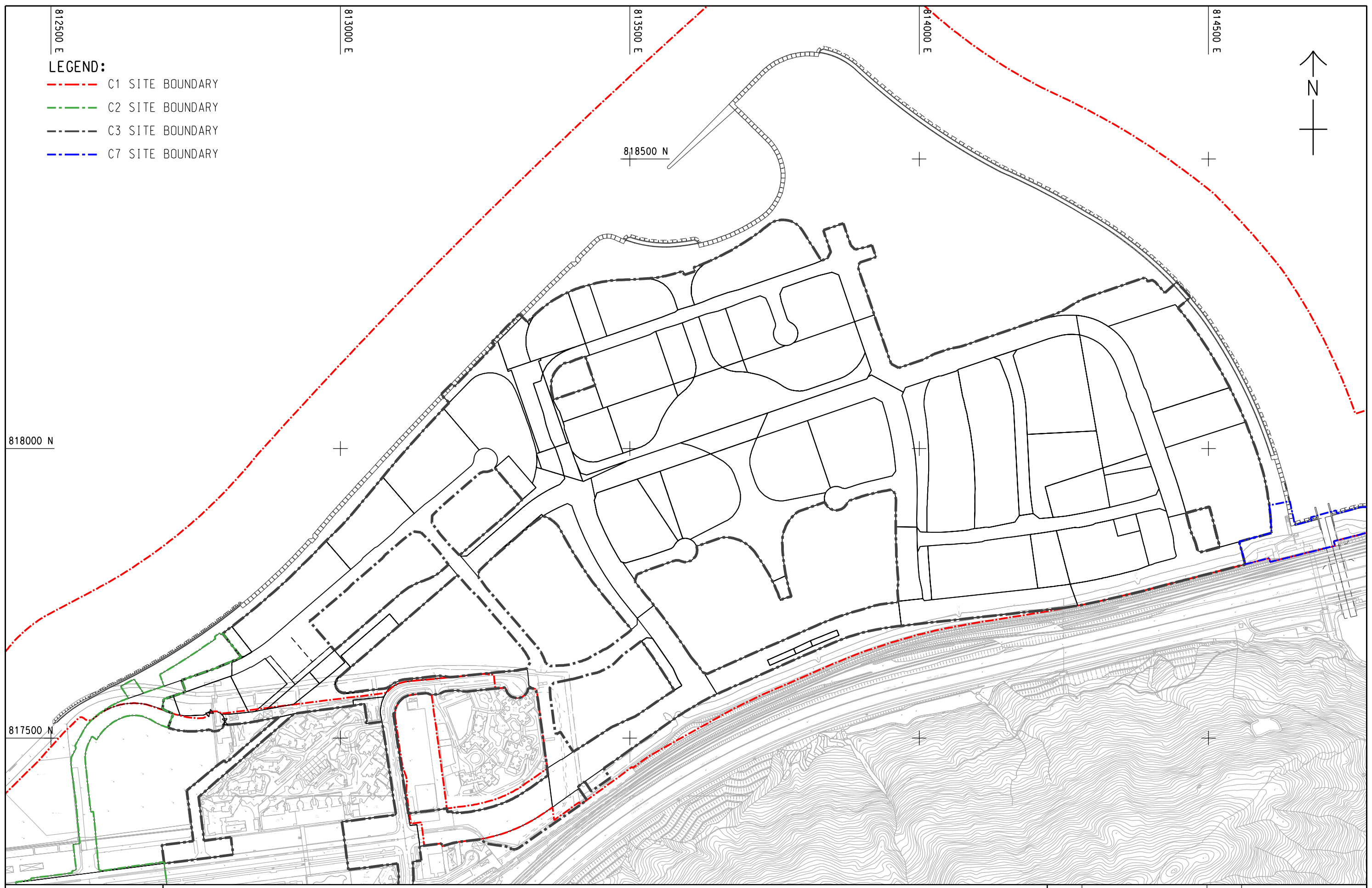
- a) Construction of around 4km of roads, drainage, sewerage, watermains and utilities respectively;
- b) Construction of Pak Mong Subway Extension and Modification to Existing Pak Mong Subway;
- c) Construction of Bridge C connecting Roundabout P1 to Tai Ho Interchange;
- d) Modification works to Tai Ho Box Structure;
- e) Construction of North Lantau Highway overbridge Bridge A1 and A2;
- f) Construction of sliproads SR-A1, SR-A2, SR-A4 and SR-A5 to North Lantau Highway;
- g) Construction of sliproads SR-A3 to Cheung Tung Road; and
- h) Construction of Retaining Structures and Earthworks.

This submission is prepared based on the latest information of Contract 1, Contract 2, Contract 3 and Contract 7. The submission will be updated when there is update of information provided.

The location plan for the project of Tung Chung New Town Extension (TCNTE) is provided in Annex 1.

The details of Construction Works Schedule and Location Plans for Contract 1, Contract 2, Contract 3 and Contract 7 are provided in Annex 2, 3, 4, and 5 below.

Annex 1
Location Plan



LEGEND:

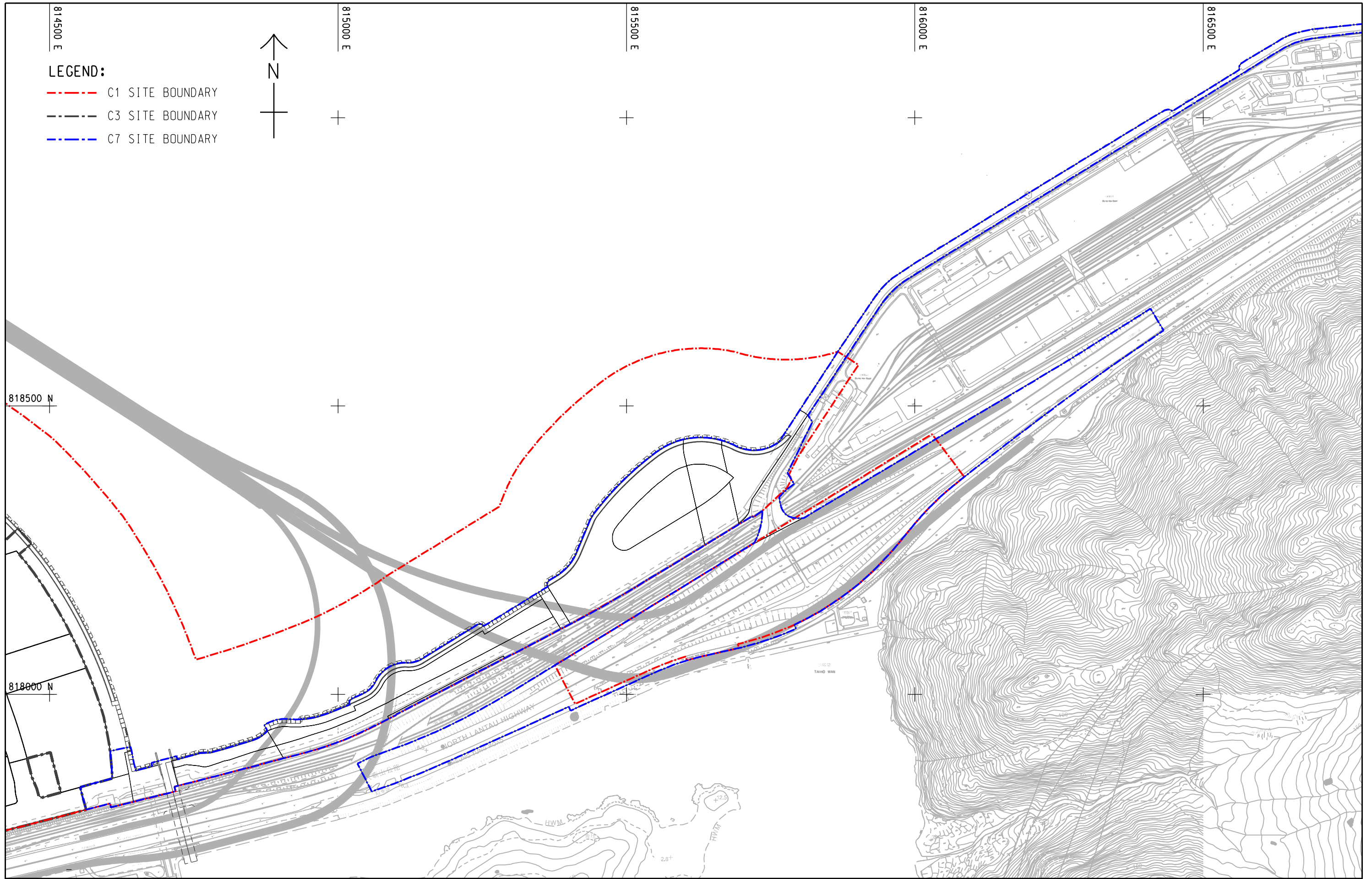
- · - · - C1 SITE BOUNDARY
- - - - - C2 SITE BOUNDARY
- · - · - C3 SITE BOUNDARY
- - - - - C7 SITE BOUNDARY



SITE BOUNDARY FOR C1. C2, C3 AND C7

SHEET 1 OF 4

SCALE	1:6000 (A3)	DATE	16-JUN-2022
CONTRACT No.	NL/2017/03	DRAWING No.	60507694/C1/FIGURE 1



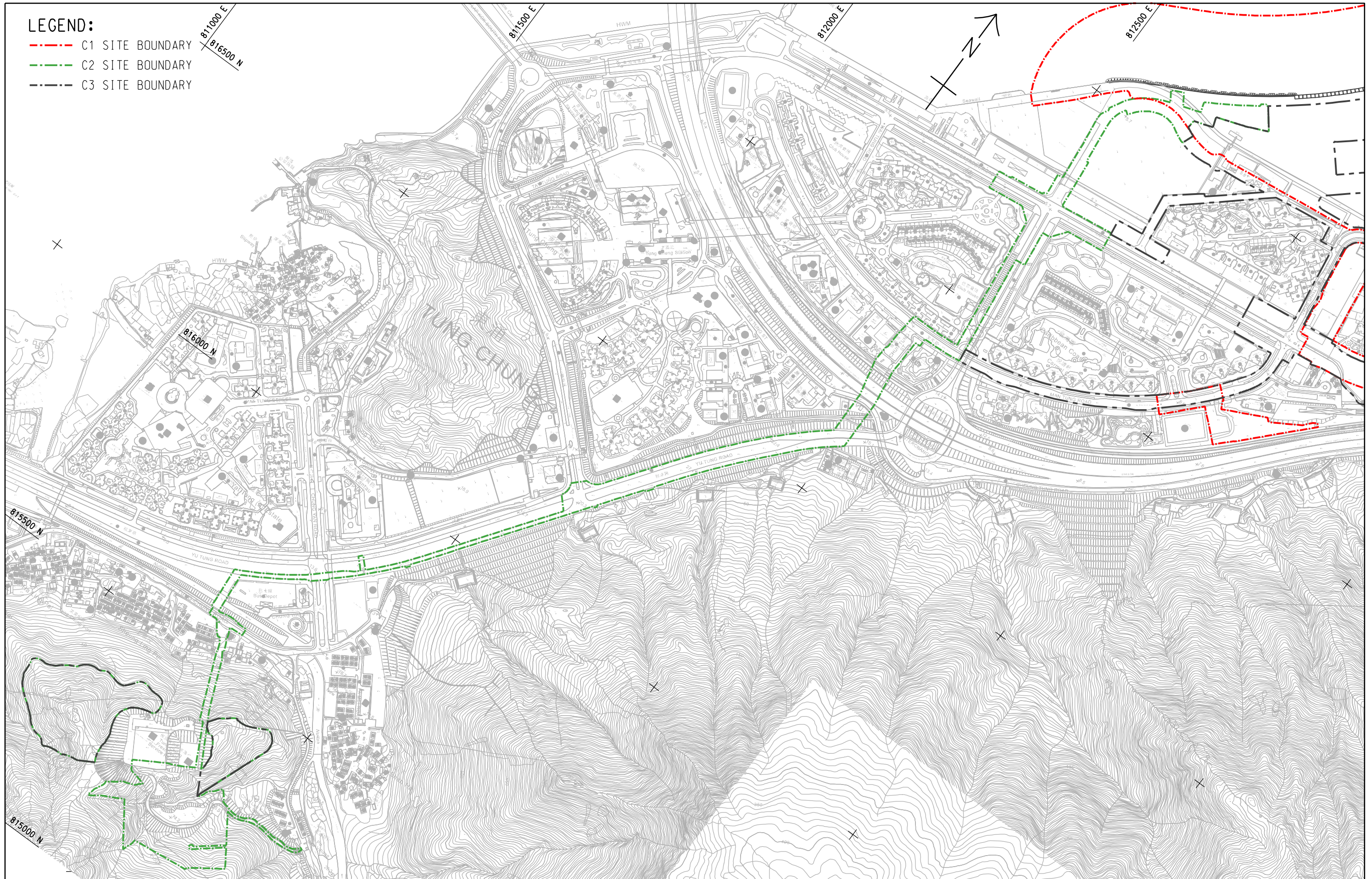
SITE BOUNDARY FOR C1, C2, C3 AND C7

SHEET 2 OF 4

SCALE	1:6000 (A3)	DATE	16-JUN-2022
CONTRACT No.	NL/2017/03	DRAWING No.	60507694/C1/FIGURE 2

LEGEND:

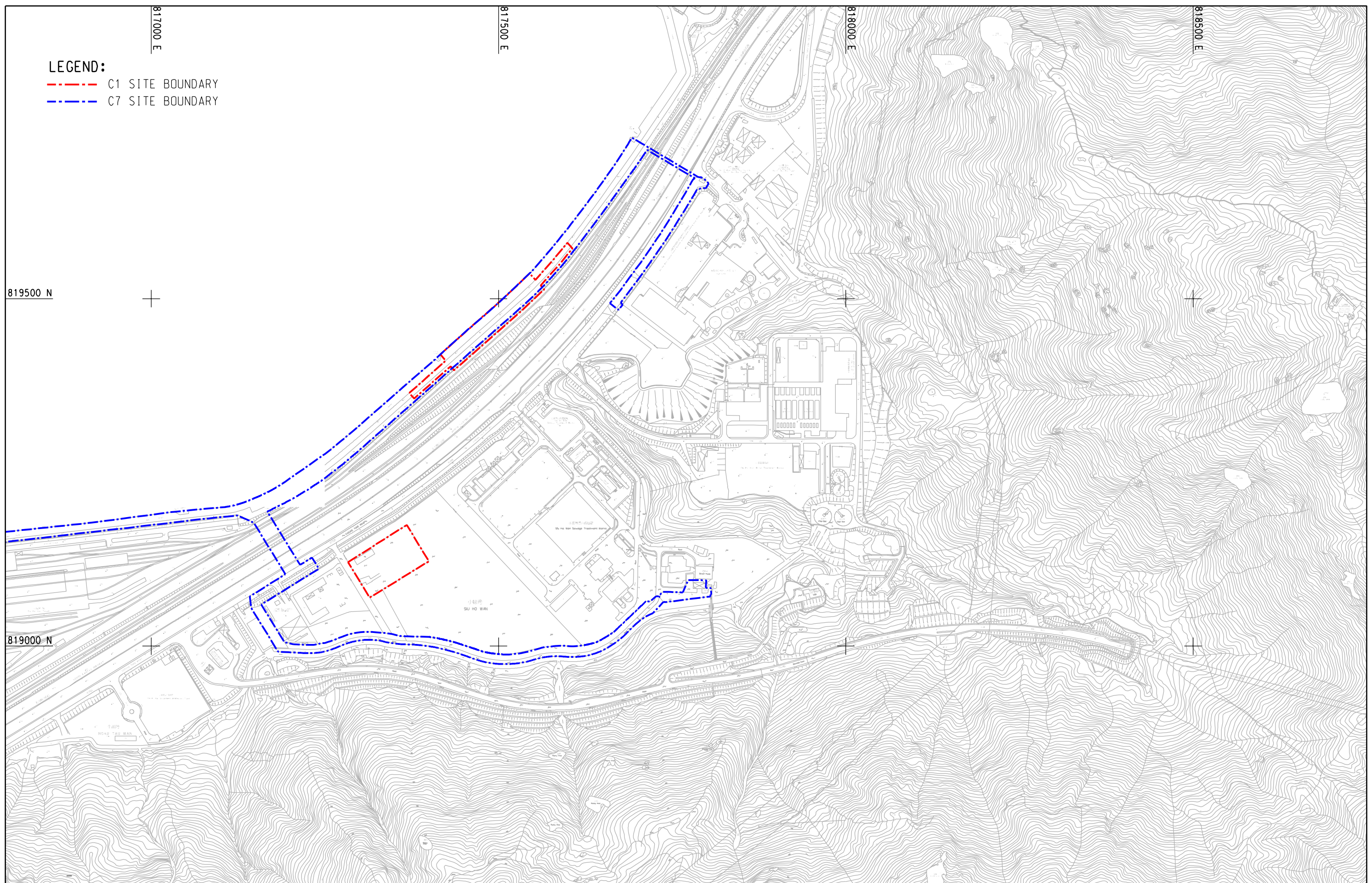
- - - C1 SITE BOUNDARY
- - - C2 SITE BOUNDARY
- - - C3 SITE BOUNDARY



SITE BOUNDARY FOR C1, C2, C3 AND C7

SHEET 3 OF 4

SCALE	1:7000 (A3)	DATE	16-JUN-2022
CONTRACT No.	NL/2017/03	DRAWING No.	60507694/C1/FIGURE 3



LEGEND:

- - - C1 SITE BOUNDARY
- - - C7 SITE BOUNDARY



CONTRACT PLAN FOR C1, C2, C3 AND C7

SHEET 4 OF 4

SCALE	1:5000 (A3)	DATE	16-JUN-2022
CONTRACT No.	NL/2017/03	DRAWING No.	60507694/C1/FIGURE 4

Annex 2

Tung Chung New Town Extension – Reclamation and Advance Works
(Contract No. NL/2017/03) (Contract 1)





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 3

Complied By :	Authorized for issue :
Signature : 	Signature : 
Name : Issac Wong Post : Environmental Officer Date : 10-6-2022	Name : David Wong Post : Site Agent Date : 10-06-2022

Contents

1. Detailed Phasing Programme of Construction Works
2. Location Plan
3. Stage Plans

1. Detailed Phasing Programme of Construction Works

2. Location Plan

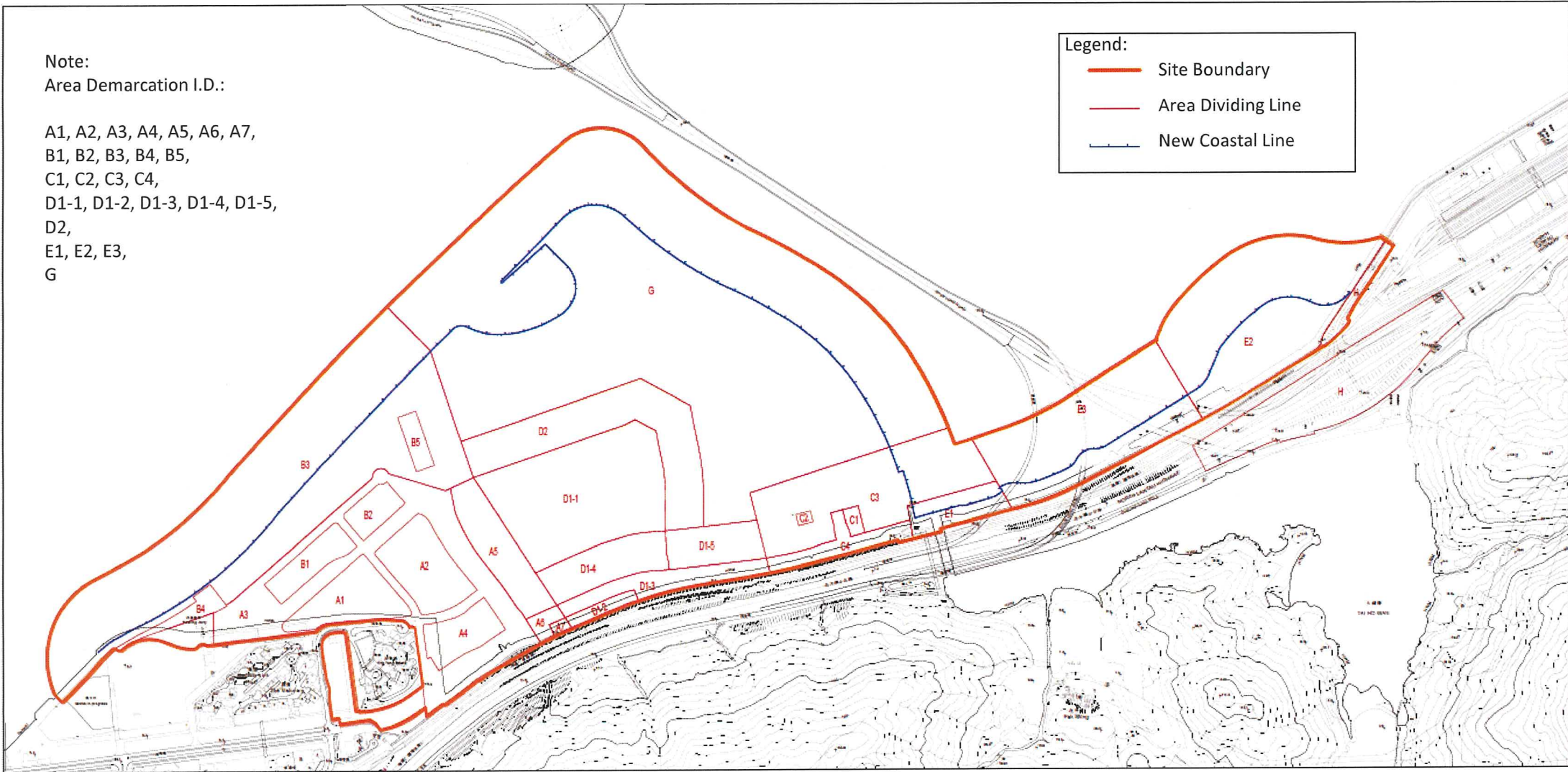
Location Plan

Note:
Area Demarcation I.D.:

A1, A2, A3, A4, A5, A6, A7,
B1, B2, B3, B4, B5,
C1, C2, C3, C4,
D1-1, D1-2, D1-3, D1-4, D1-5,
D2,
E1, E2, E3,
G

Legend:












- Site Boundary
- Area Dividing Line
- New Coastal Line



3. Stage Plans

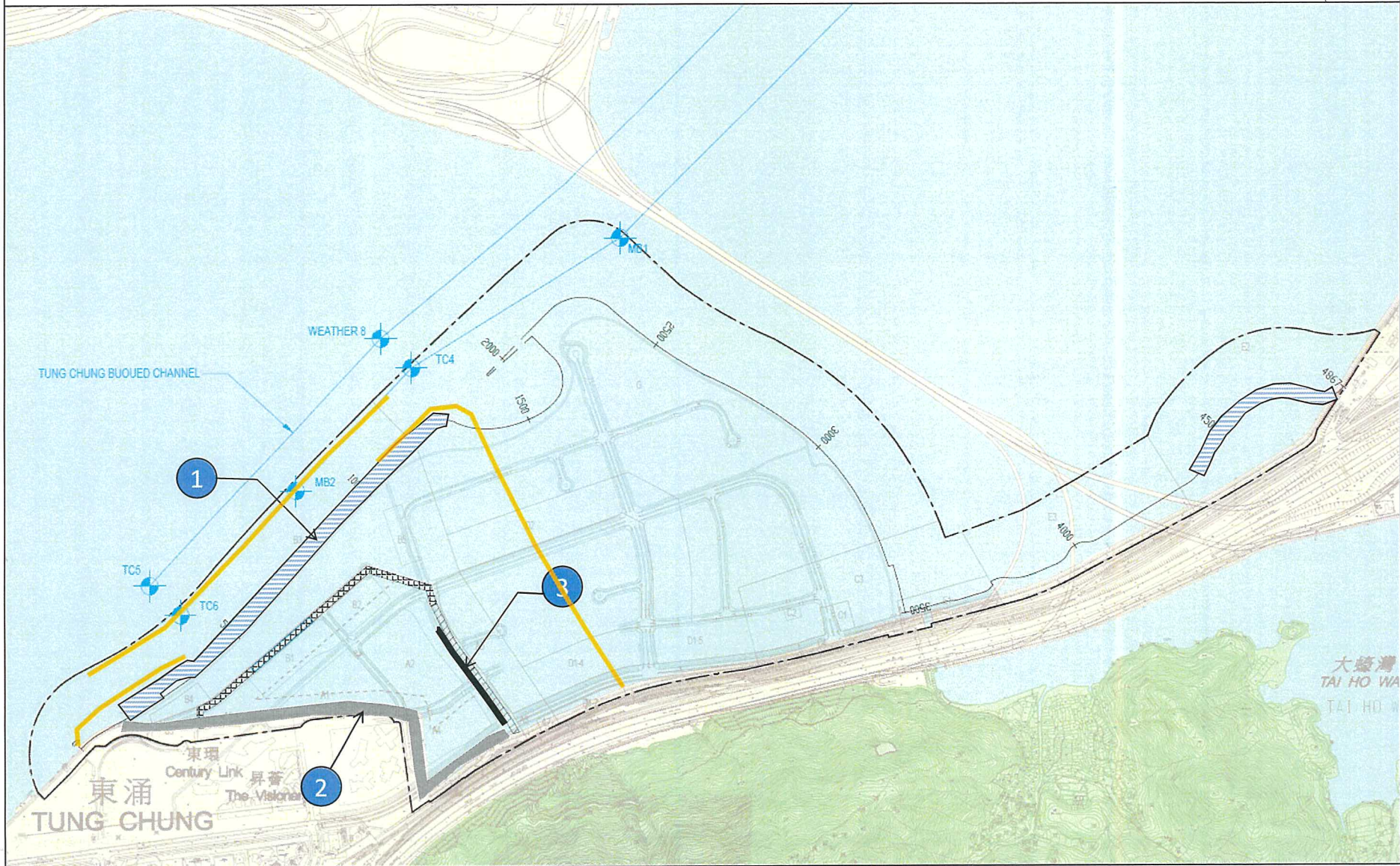
Stage Plan

Legend :

- | | | | |
|---|---|---|-------------------|
|  | Rock Amour Removal |  | Trial Emabnkment |
|  | Geotextile |  | Box Culvert |
|  | Sand Blanket |  | Open Channel |
|  | SPF Filling to +2.5mPD |  | Temporary Seawall |
|  | SPF Filling to F.L. |  | Permanent Seawall |
|  | SPF Filling to Surcharge |  | Break Water |
|  | Removal of Surcharge
(Reclamation Completed) | | |
|  | Pre-CPT | | |
|  | Deep Cement Mixing (DCM) | | |

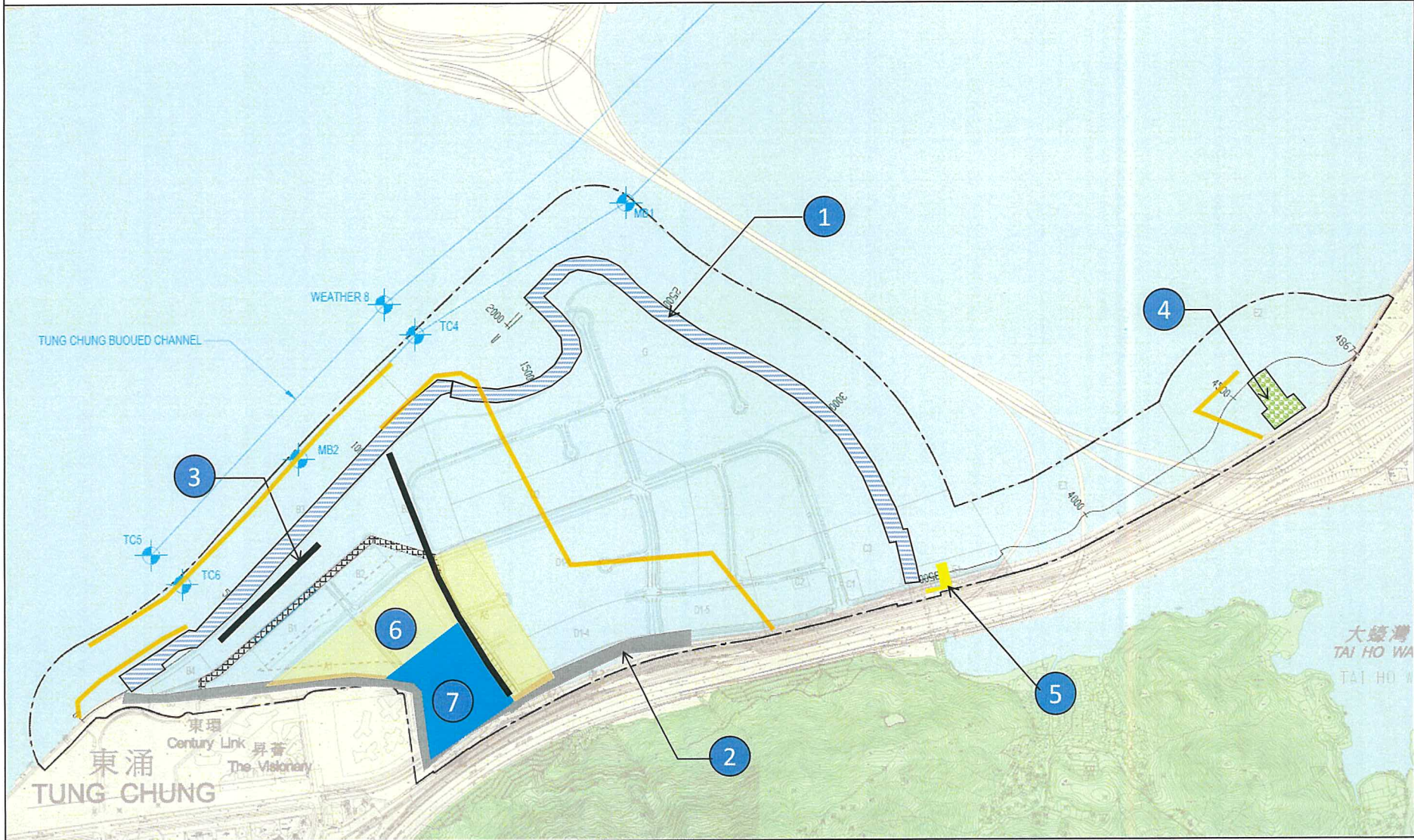
Stage 1 – 2018 Q2 to 2018 Q3

- 1 Pre-CPT Test
- 2 Removal of Rock Armor +2.5mPD by land Plants
- 3 Temporary Seawall Construction for Demarcation



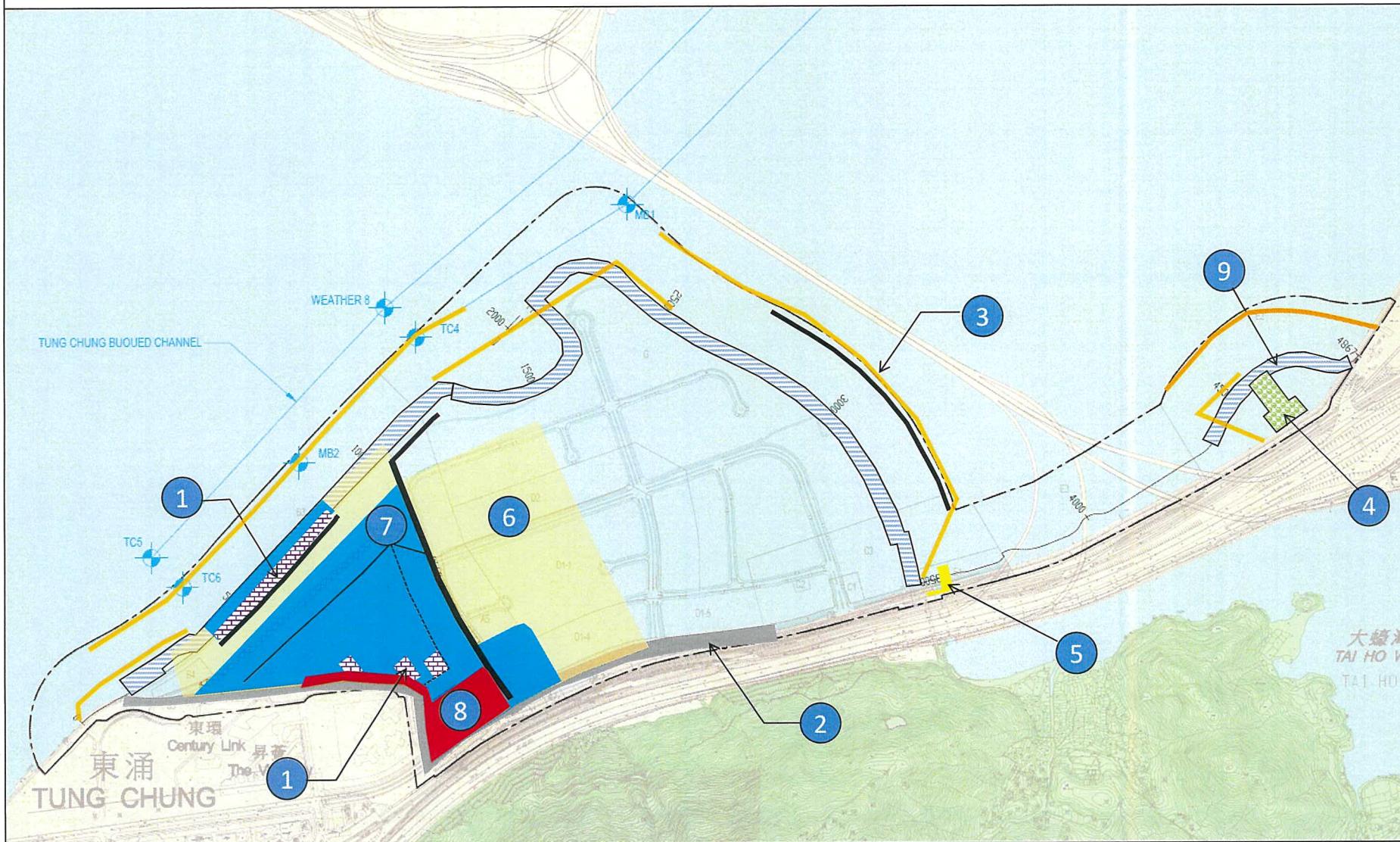
Stage 2 – 2018 Q3 to 2018 Q4

- 1 Pre-CPT Test
- 2 Removal of Rock Armor
- 3 Temporary Seawall Construction
- 4 DCM Trial Embankment Construction
- 5 Re-provision of Temp. Pak Mong Pier
- 6 Geotextile Laying
- 7 Sand Blanket Installation



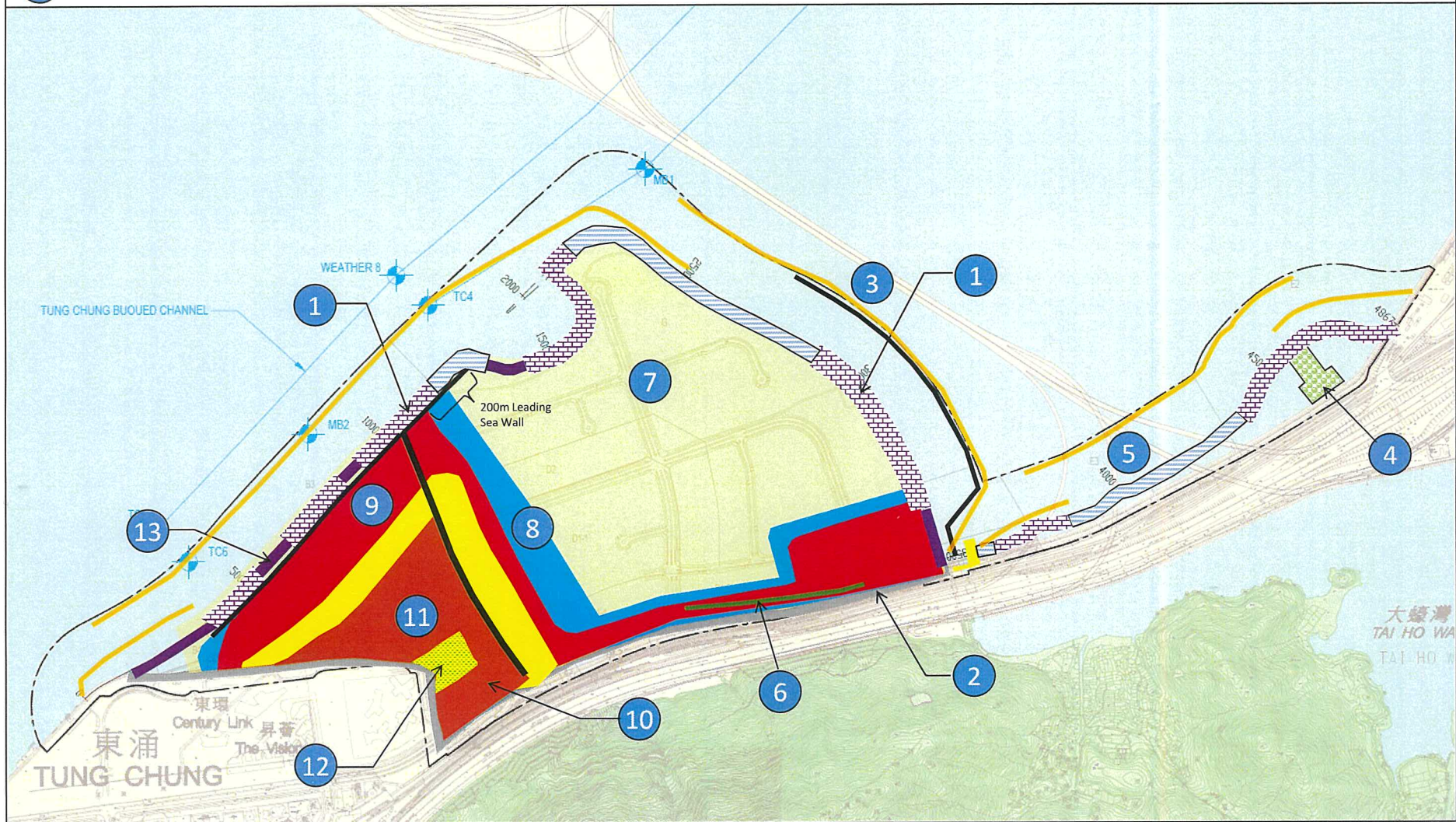
Stage 3 – 2019 Q1 to 2019 Q4

- | | | |
|-------------------------------------|---------------------------------------|----------------|
| ① DCM (Marine) Construction | ⑤ Re-provision of Temp. Pak Mong Pier | ⑨ Pre-CPT Test |
| ② Removal of Rock Armor | ⑥ Geotextile Laying | |
| ③ Temporary Seawall Construction | ⑦ Sand Blanket Installation | |
| ④ DCM Trial Embankment Construction | ⑧ SPF to +2.5mPD | |



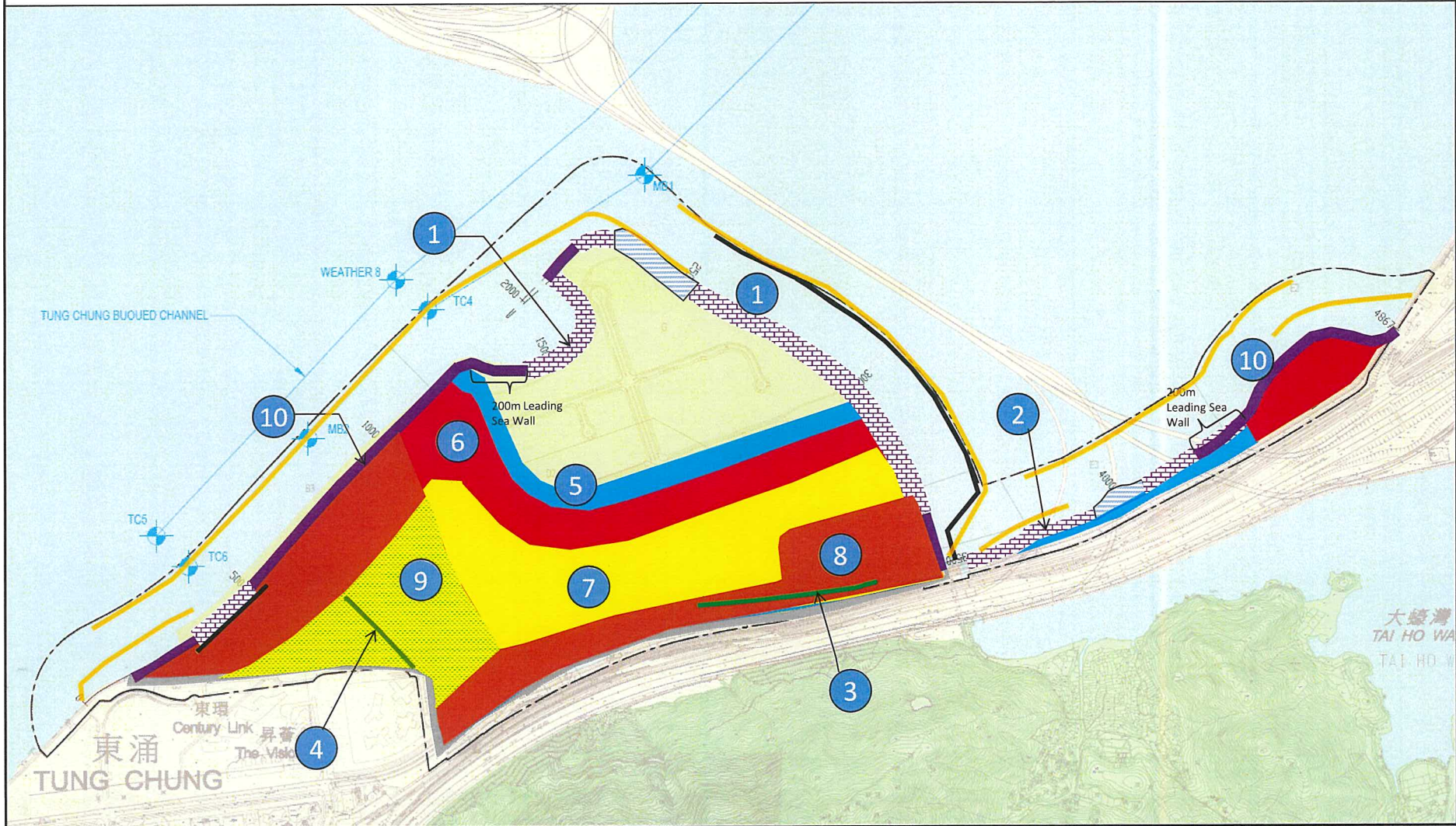
Stage 4 – 2020 Q1 to 2020 Q3

- | | | |
|-------------------------------------|--------------------------------|----------------------------------|
| ① DCM (Marine) Construction | ⑥ Construction of Open Channel | ⑩ SPF Filled to Formation Level |
| ② Removal of Rock Armor | ⑦ Geotextile Laying | ⑪ SPF Filled to Surcharge |
| ③ Temporary Seawall Construction | ⑧ Sand Blanket Installation | ⑫ Removal of Surcharge |
| ④ DCM Trial Embankment Construction | ⑨ SPF Filled to +2.5mPD | ⑬ Permanent Seawall Construction |
| ⑤ Pre-CPT Test | | |



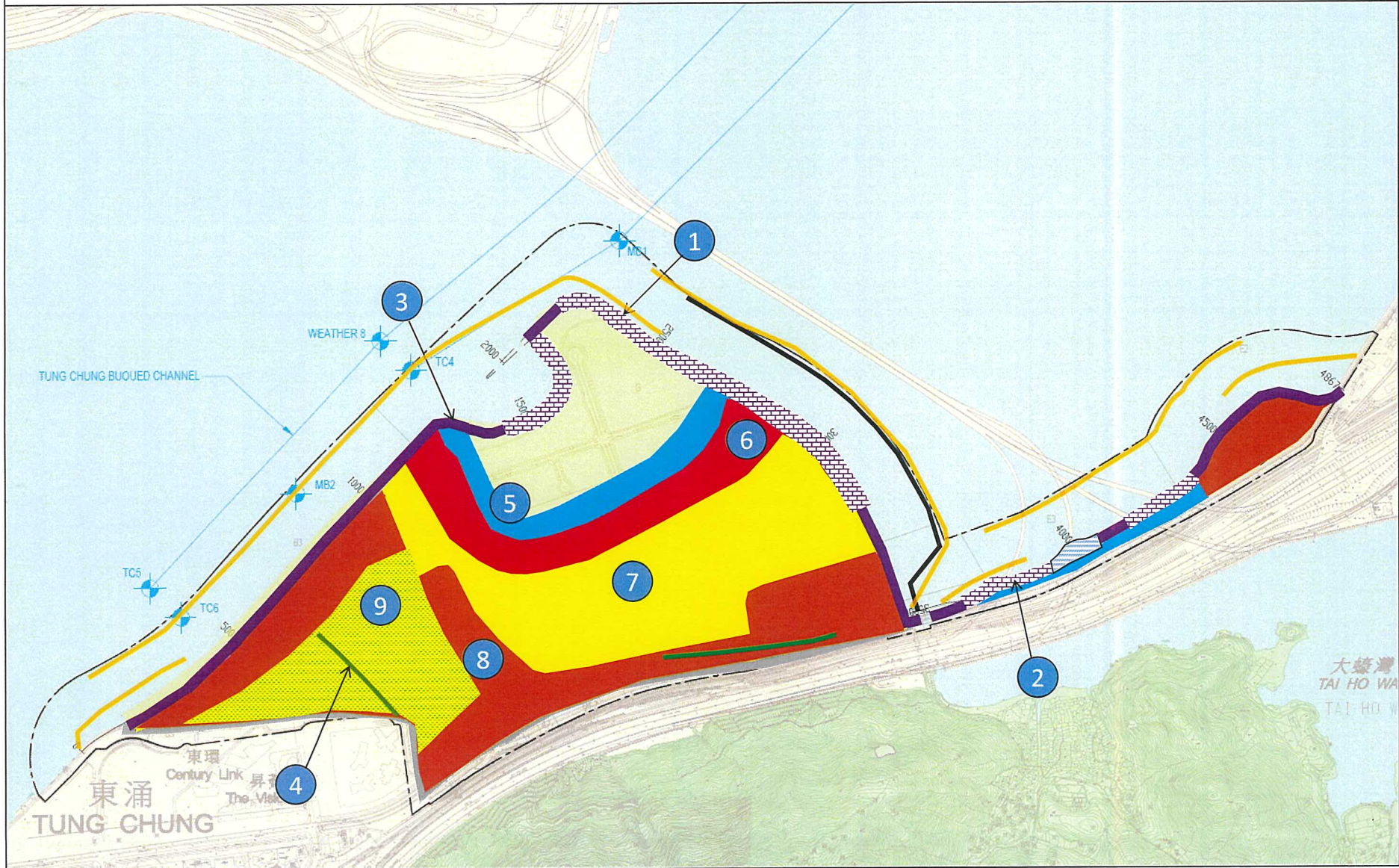
Stage 5 – 2020 Q3 to 2020 Q4

- | | | |
|--------------------------------|---------------------------------|----------------------------------|
| ① DCM (Marine) Construction | ⑤ Sand Blanket Installation | ⑧ SPF Filled to Surcharge |
| ② LH DCM (Marine) Construction | ⑥ SPF Filled to +2.5mPD | ⑨ Removal of Surcharge |
| ③ Construction of Open Channel | ⑦ SPF Filled to Formation Level | ⑩ Permanent Seawall Construction |
| ④ Box Culvert Construction | | |



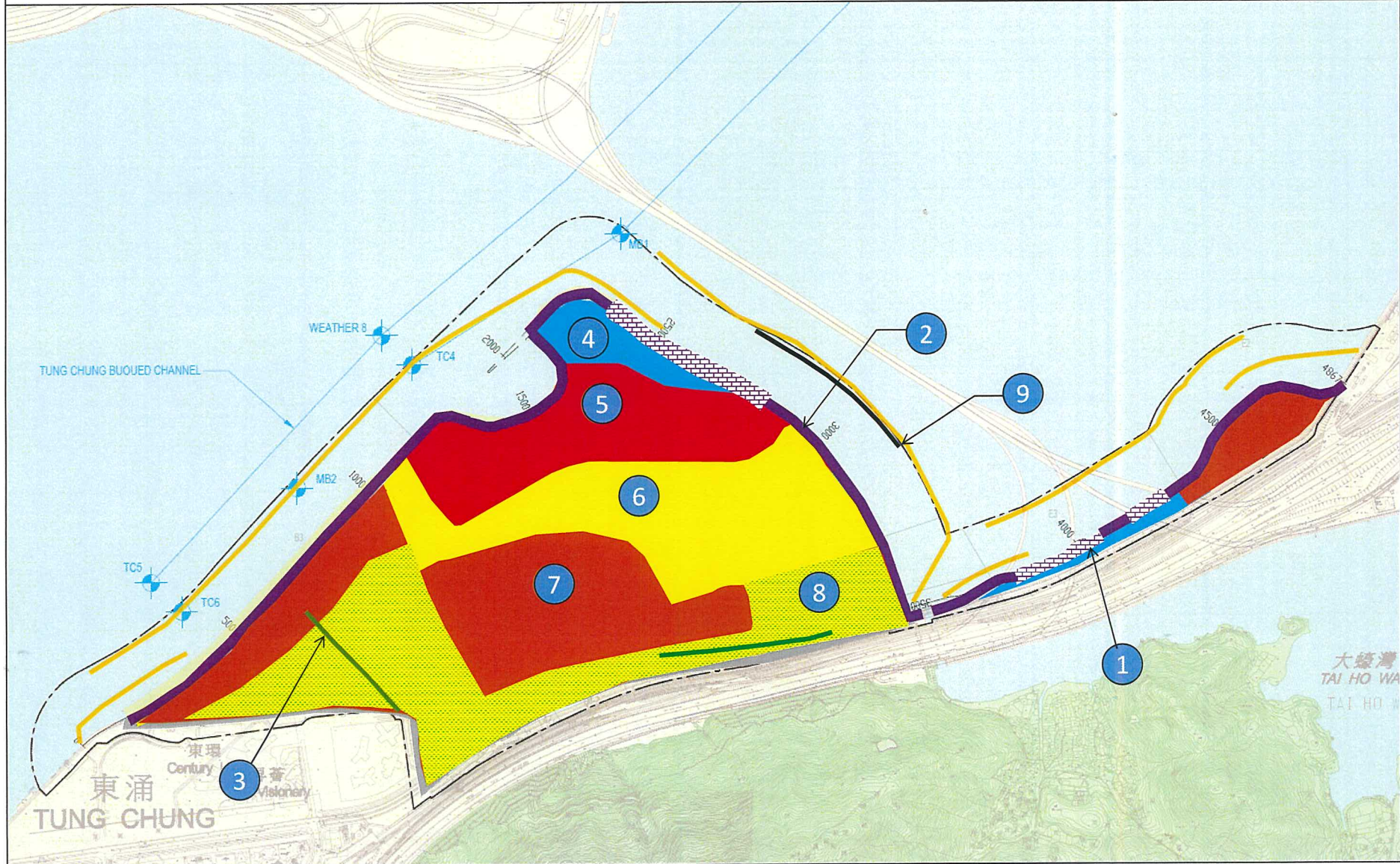
Stage 6 – 2020 Q4

- | | | |
|----------------------------------|-----------------------------|---------------------------------|
| ① DCM (Marine) Construction | ④ Box Culvert Construction | ⑦ SPF Filled to Formation Level |
| ② LH DCM (Marine) Construction | ⑤ Sand Blanket Installation | ⑧ SPF Filled to Surcharge |
| ③ Permanent Seawall Construction | ⑥ SPF Filled to +2.5mPD | ⑨ Removal of Surcharge |



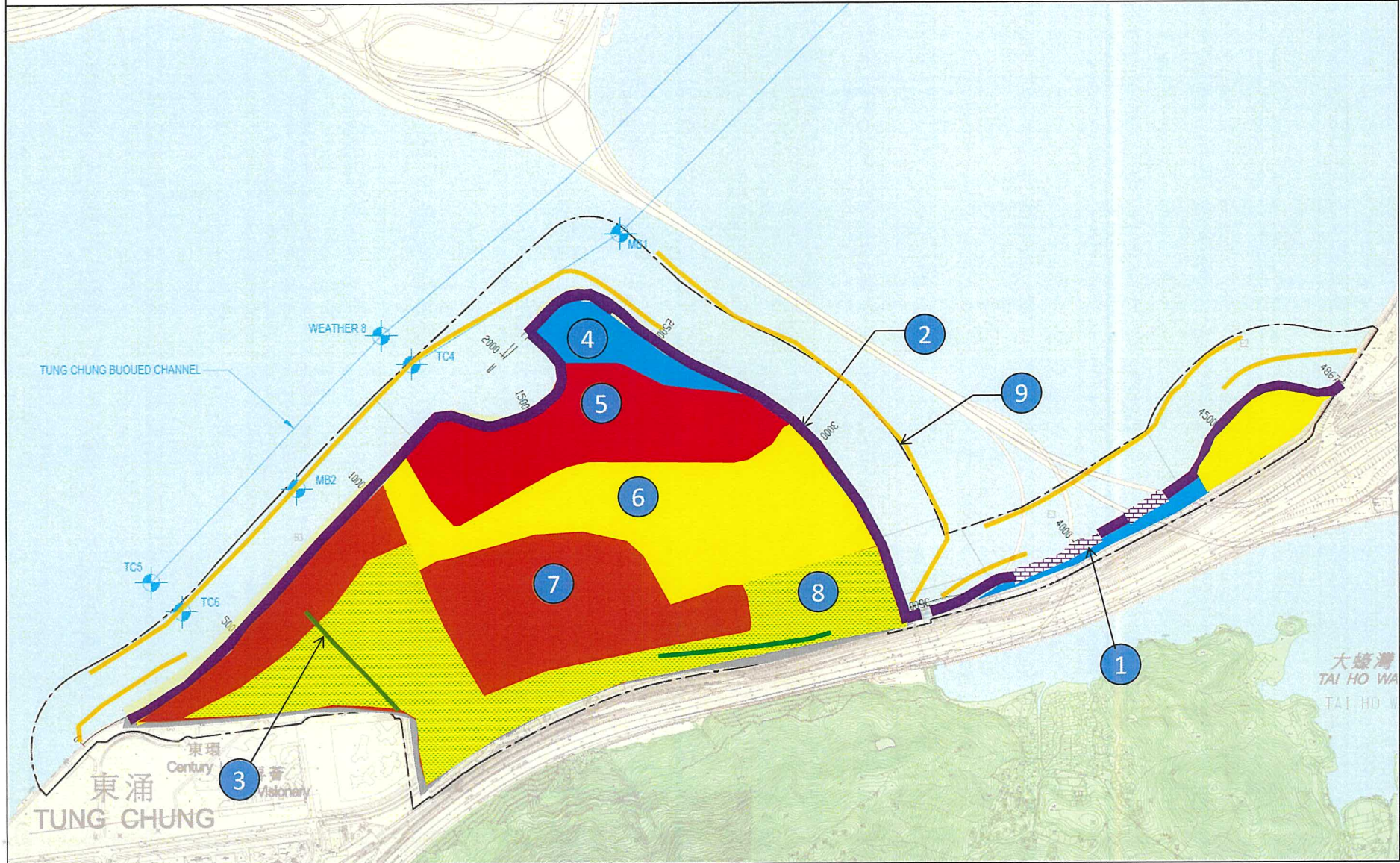
Stage 7 – 2021 Q1

- | | | |
|----------------------------------|---------------------------------|---------------------------|
| 1 LH DCM (Land) Construction | 4 Sand Blanket Installation | 7 SPF Filled to Surcharge |
| 2 Permanent Seawall Construction | 5 SPF Filled to +2.5mPD | 8 Removal of Surcharge |
| 3 Box Culvert Construction | 6 SPF Filled to Formation Level | 9 Removal of Seawall No.1 |



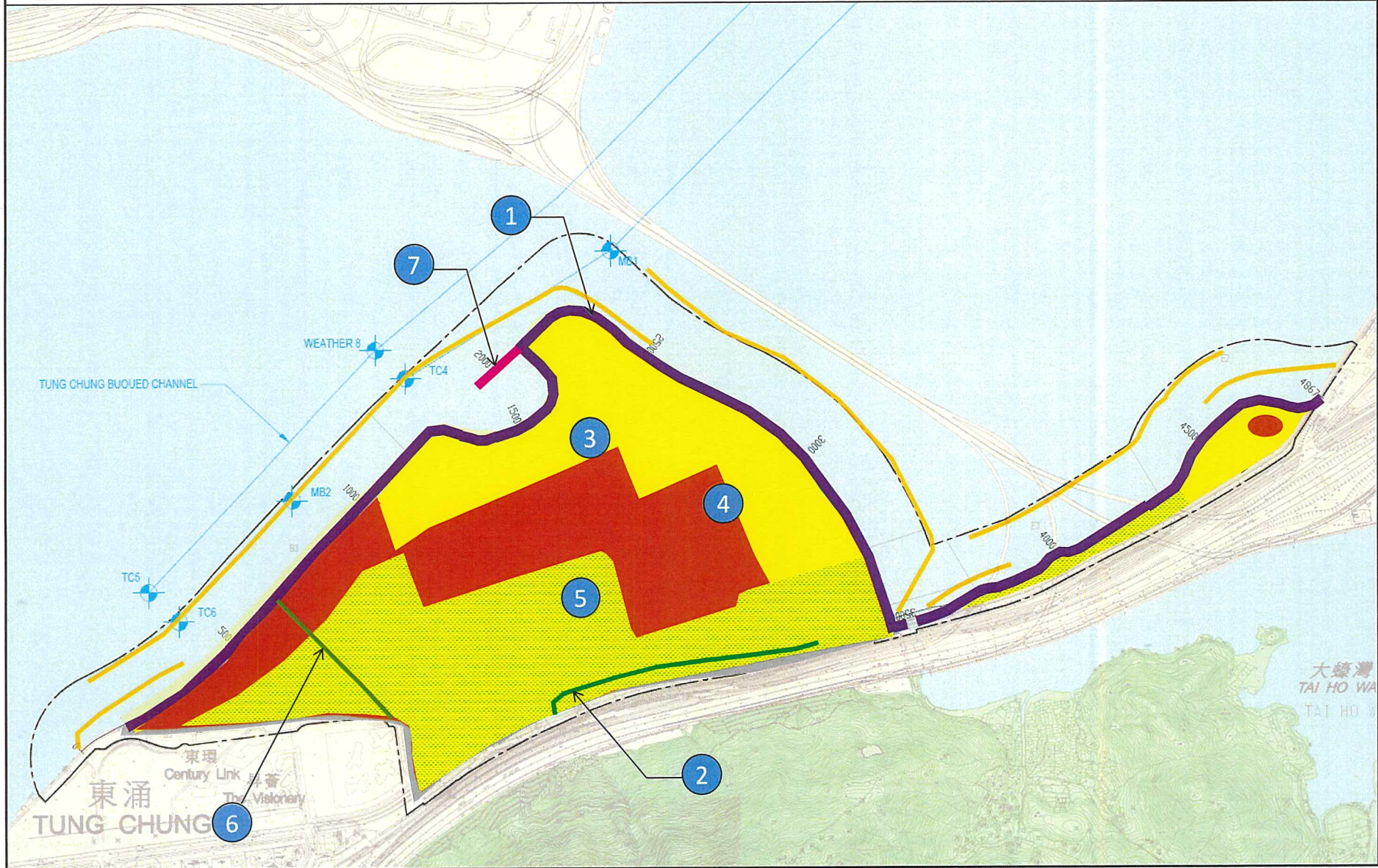
Stage 8 – 2021 Q2 TO 2021 Q3

- | | | |
|----------------------------------|---------------------------------|---------------------------|
| ① LH DCM (Land) Construction | ④ Sand Blanket Installation | ⑦ SPF Filled to Surcharge |
| ② Permanent Seawall Construction | ⑤ SPF Filled to +2.5mPD | ⑧ Removal of Surcharge |
| ③ Box Culvert Construction | ⑥ SPF Filled to Formation Level | ⑨ Removal of Seawall No.1 |



Stage 9 – 2021 Q4 to 2022 Q3

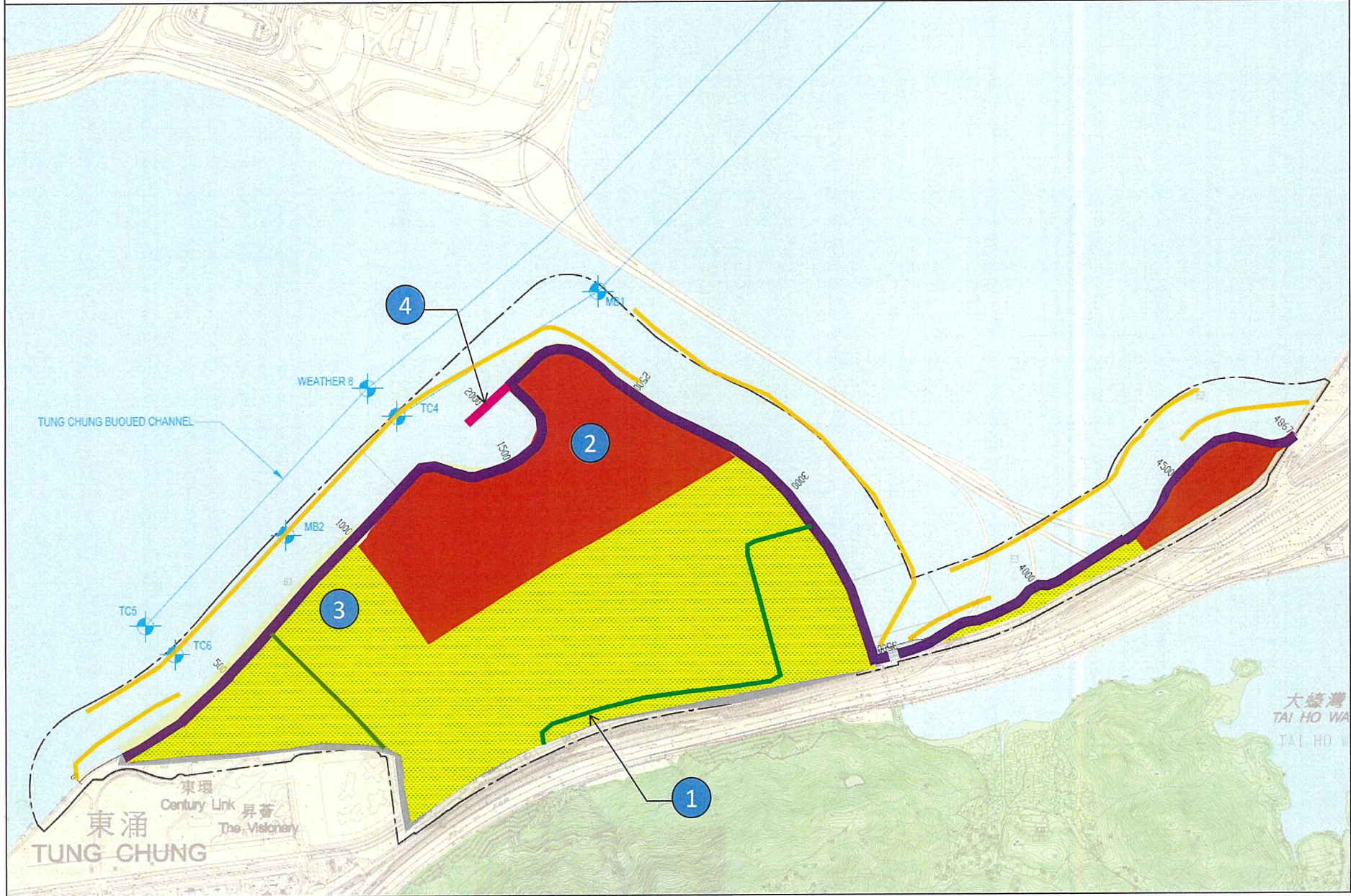
- 1 Permanent Seawall Construction
- 2 Open Channel Construction
- 3 SPF Filled to Formation Level
- 4 SPF Filled to Surcharge
- 5 Removal of Surcharge
- 6 Box Culvert Construction
- 7 Breakwater Construction



Stage 10 – 2022 Q4

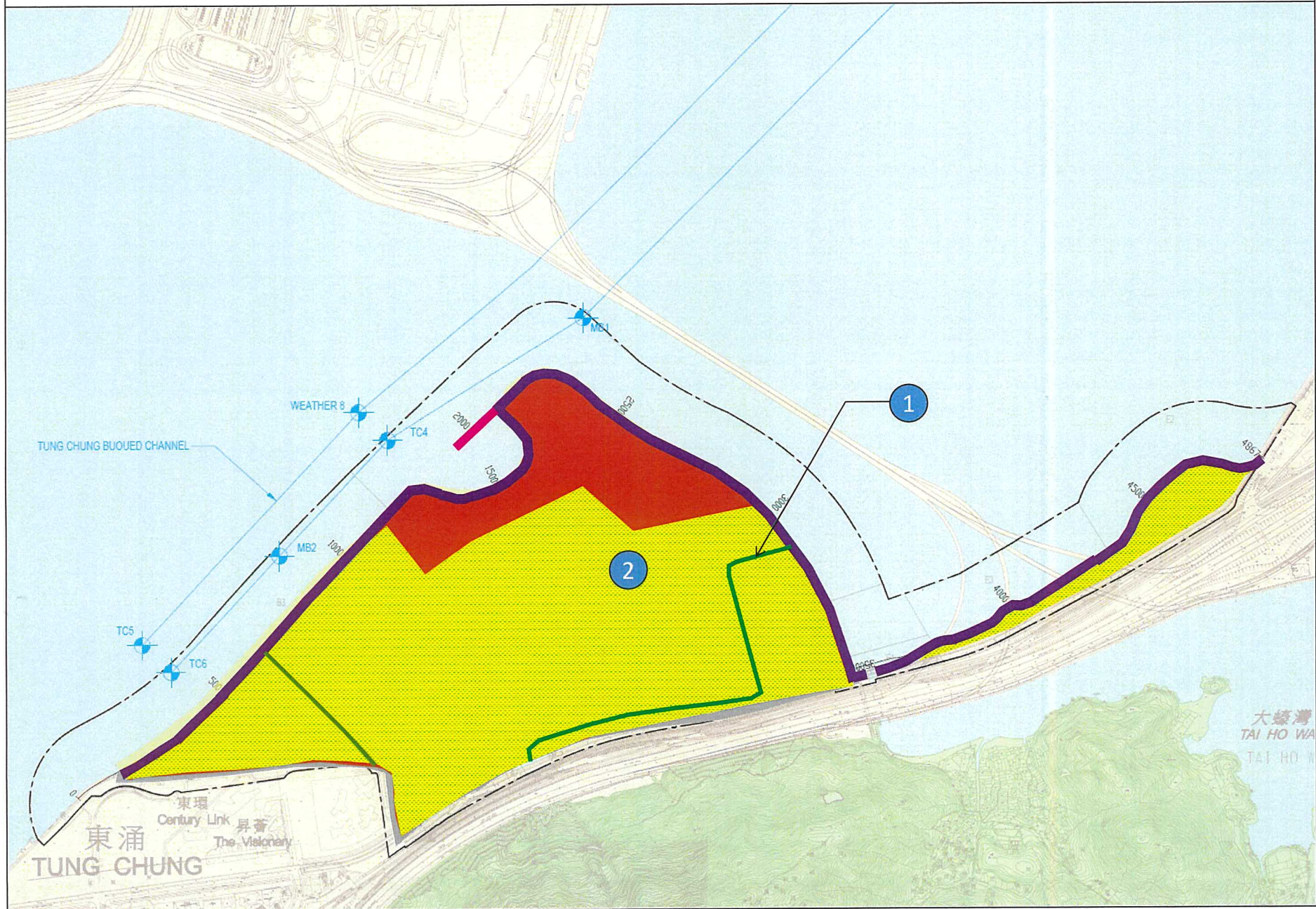
- 1 Open Channel Construction
- 2 SPF Filled to Surcharge

- 3 Removal of Surcharge
- 4 Construction of Breakwater

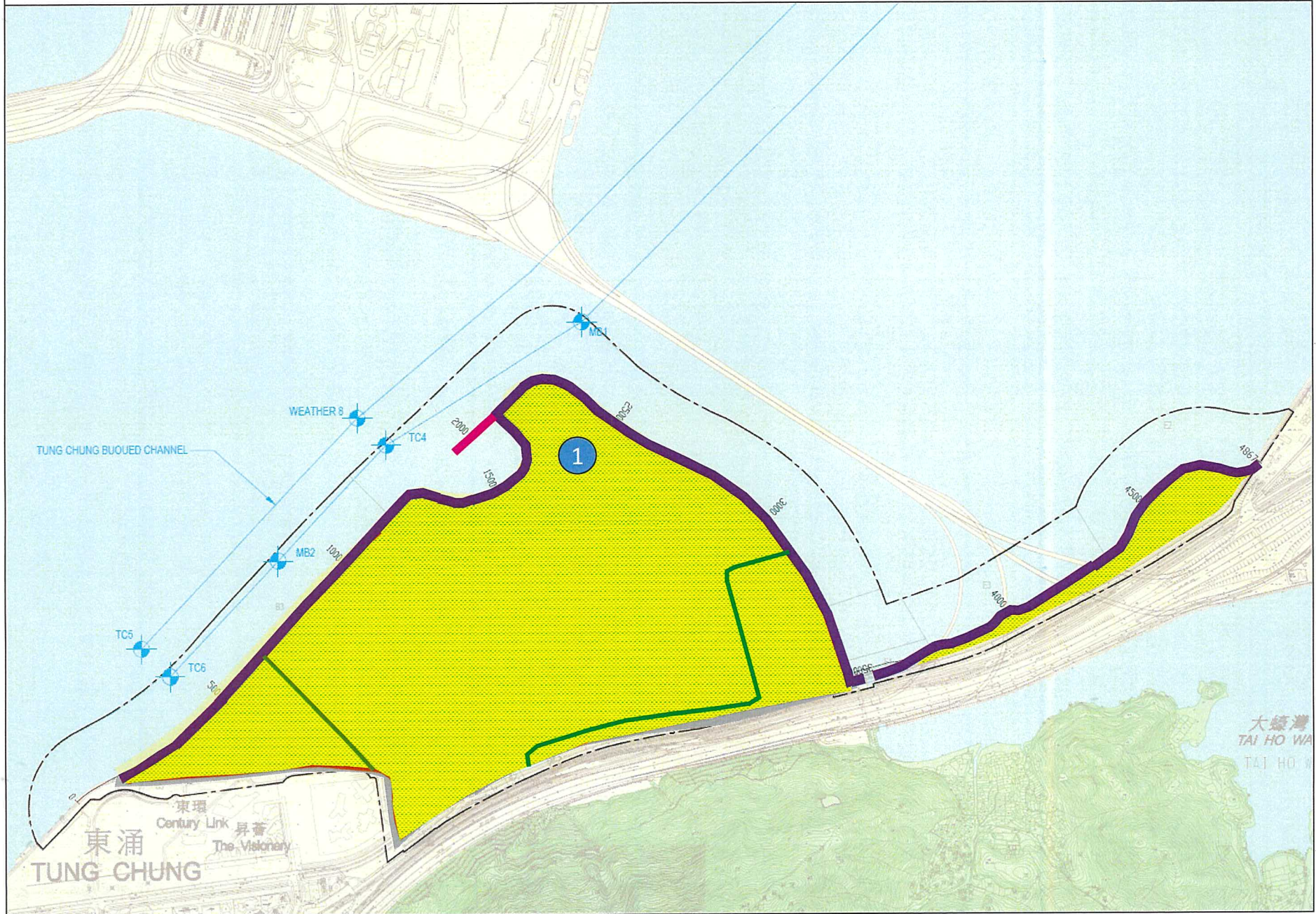


1 Open Channel Construction

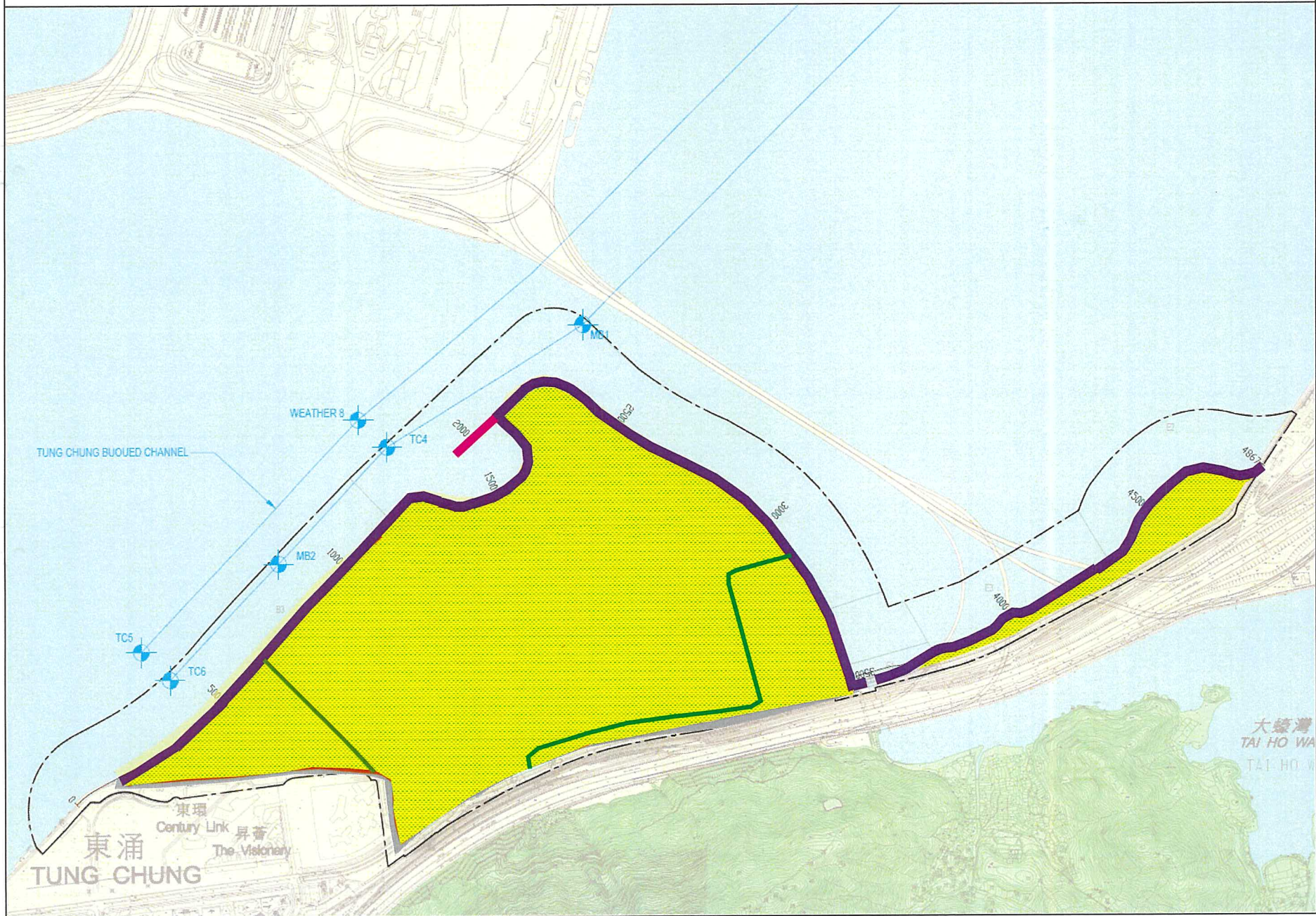
2 Removal of Surcharge



1 Removal of Surcharge



1 Establishment and Maintenance



Annex 3

Tung Chung New Town Extension – Salt Water Supply System (Contract No.
NL/2020/02) (Contract 2)

China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022



Civil Engineering and Development Department

The Government of the Hong Kong Special Administrative Region

Contract No. NL/2020/02

Tung Chung New Town Extension –
Salt Water Supply System

Construction Works Schedule and Location Plans (Revision 4)

Document Review

	Prepared by:	Approved by:
Signature:		
Name:	Aaren Li	Timothy Lo
Position:	Construction Team Leader	Site Agent
Date:	22 Oct 2022	22 Oct 2022

China Geo-Engineering Corporation NL/2020/02	Rev. No.	4
Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Issue Date	22 Oct 2022

Table of Content

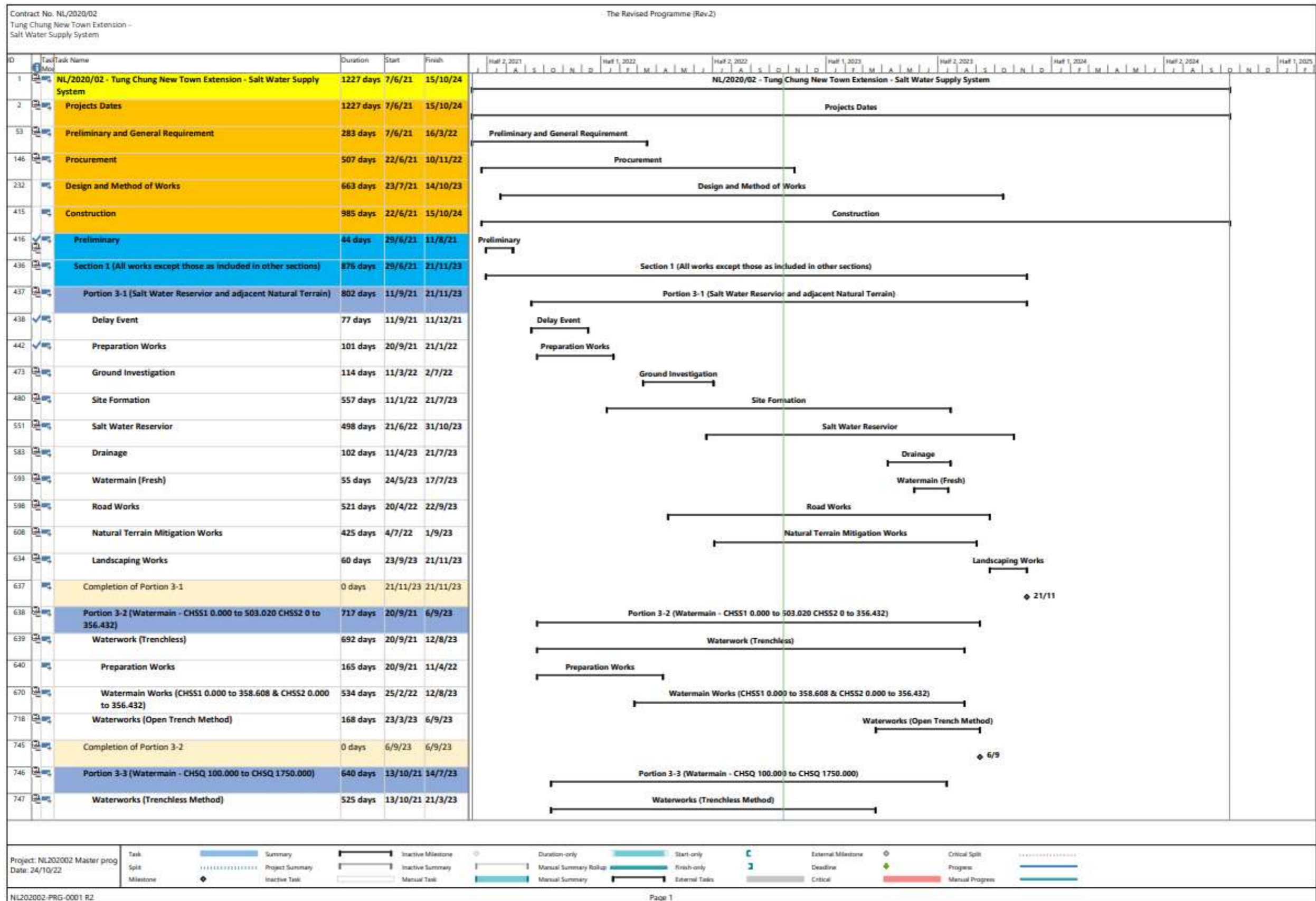
Contents

1.	Detailed Phasing Programme of Construction Works.....	3
2.	Location Plans	7
3.	Stage Plans	9

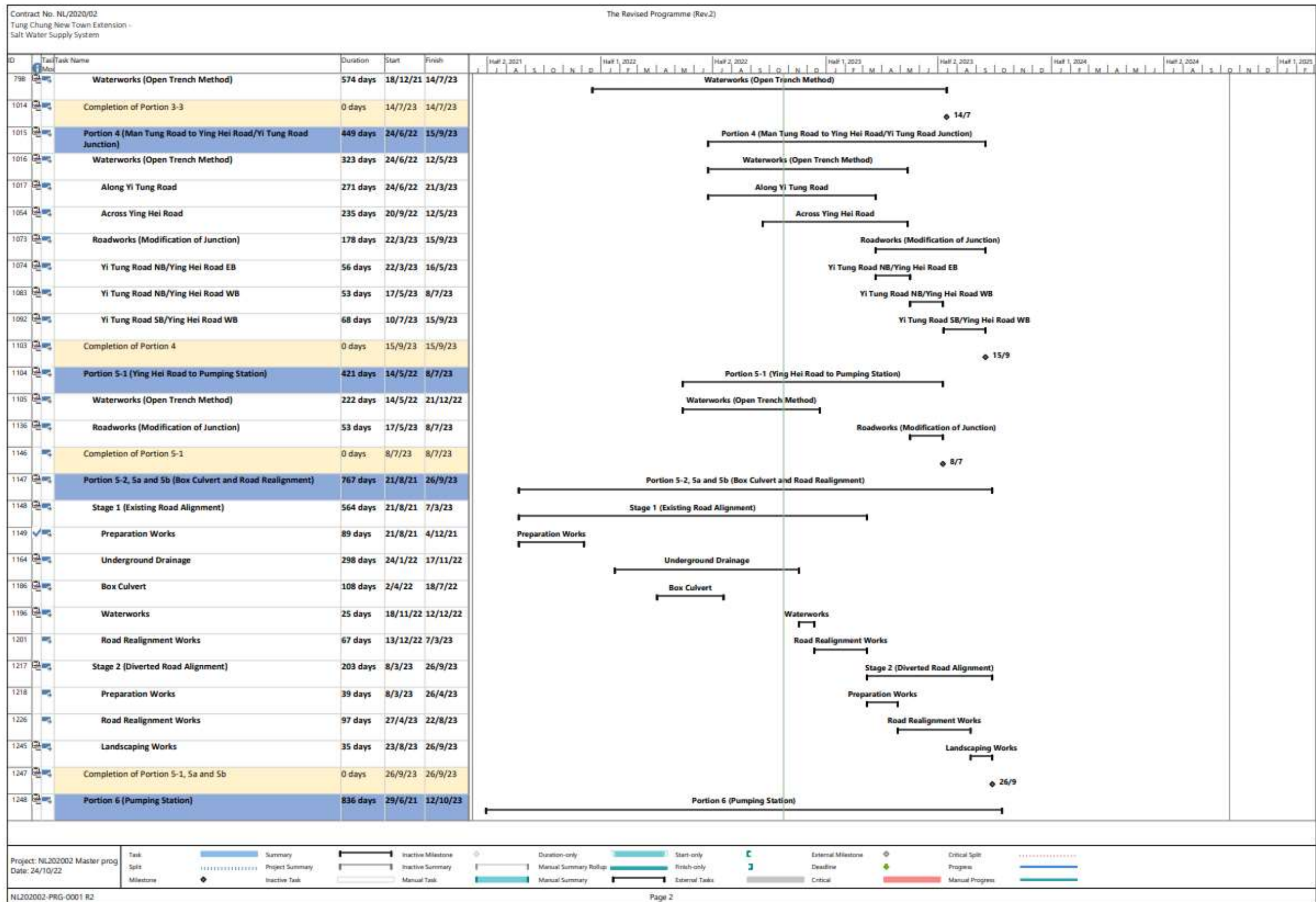
China Geo-Engineering Corporation NL/2020/02	Rev. No.	4
Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Issue Date	22 Oct 2022

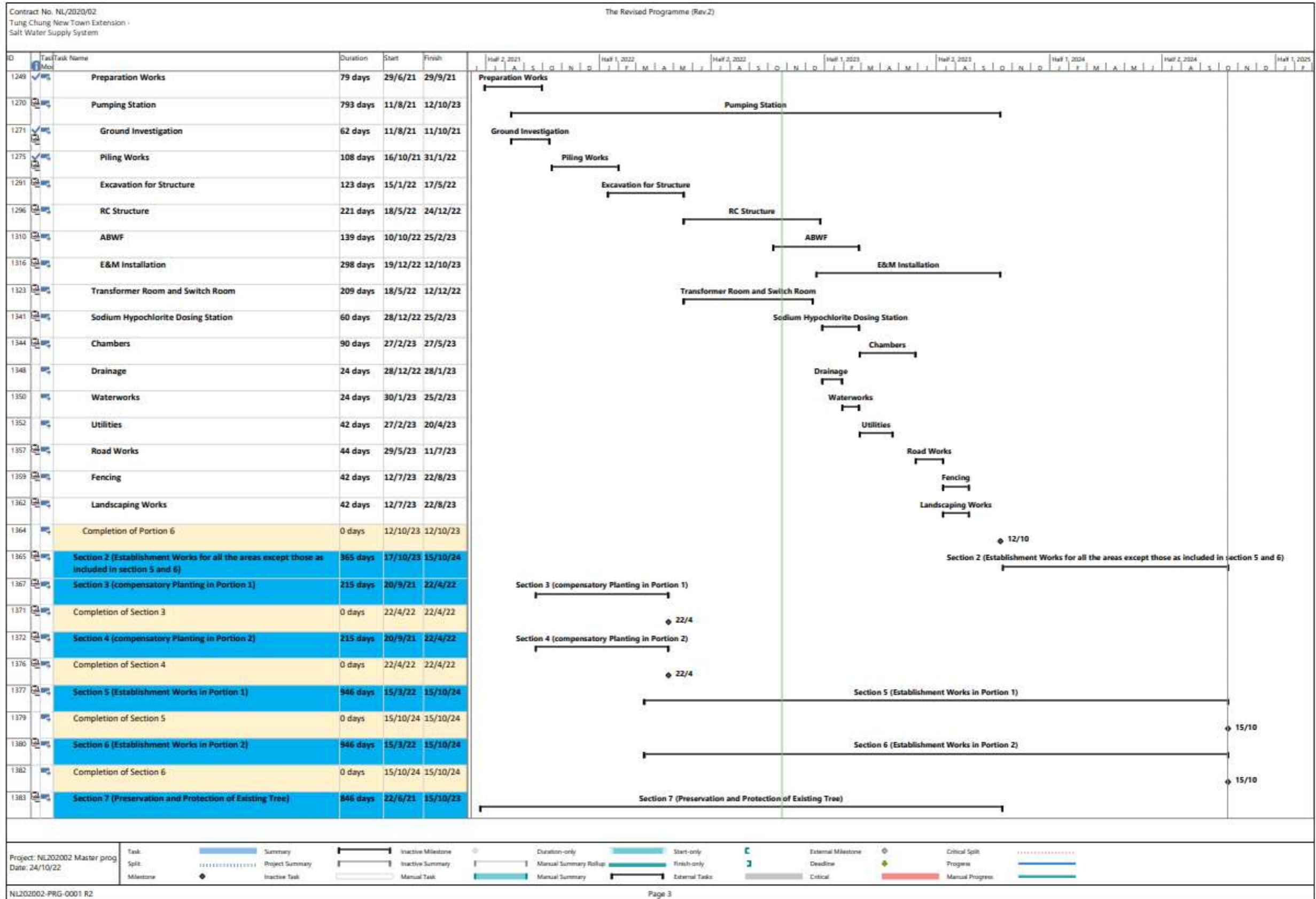
1. Detailed Phasing Programme of Construction Works

China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022



China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022



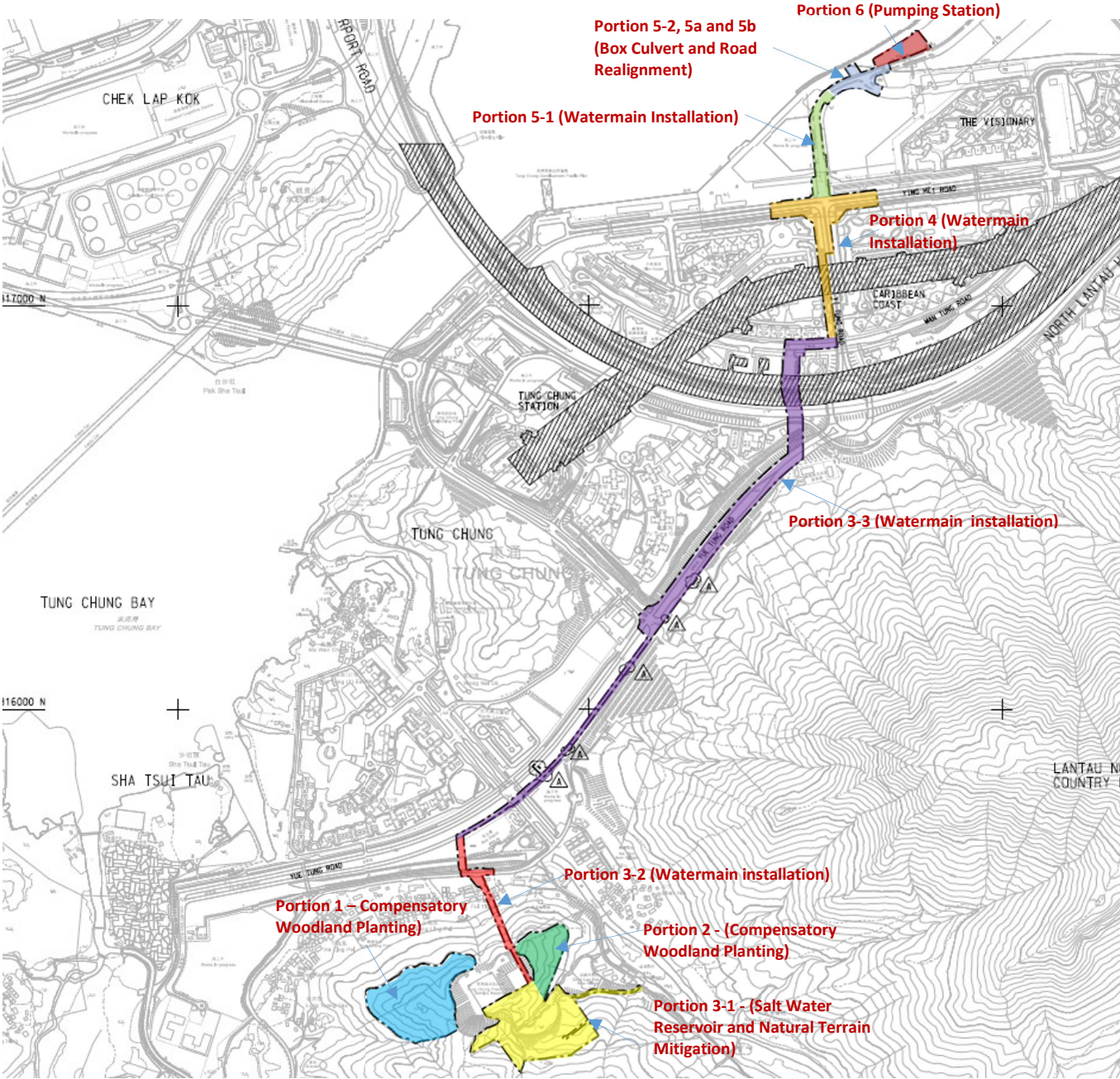


China Geo-Engineering Corporation NL/2020/02	Rev. No.	4
Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Issue Date	22 Oct 2022

2. Location Plans

China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022

The location of different Portions of the site are shown in the following location plans:



Location Plan showing the Portions

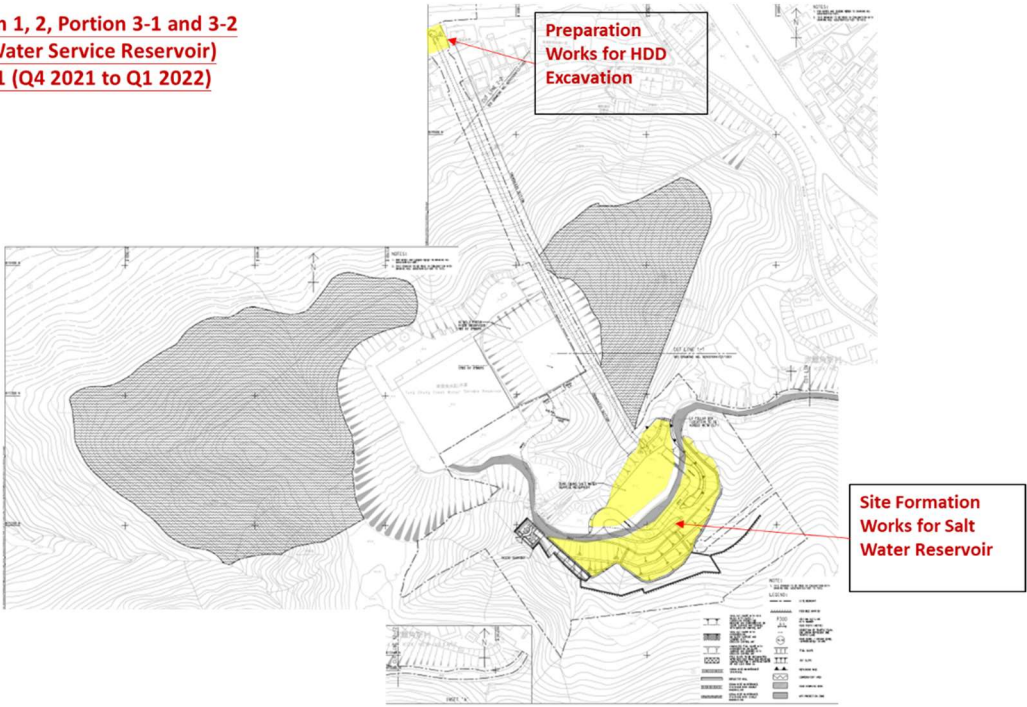
China Geo-Engineering Corporation NL/2020/02	Rev. No.	4
Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Issue Date	22 Oct 2022

3. Stage Plans

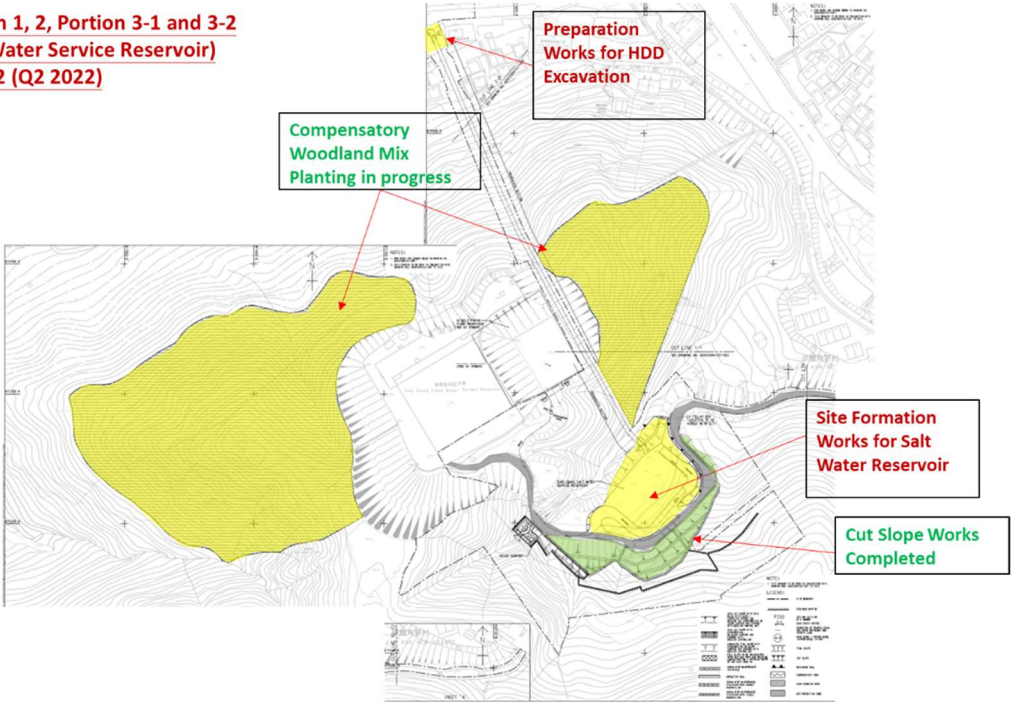
China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022

The stage by stage construction plans for different Portions are shown in following layouts:

Portion 1, 2, Portion 3-1 and 3-2
(Salt Water Service Reservoir)
Stage 1 (Q4 2021 to Q1 2022)

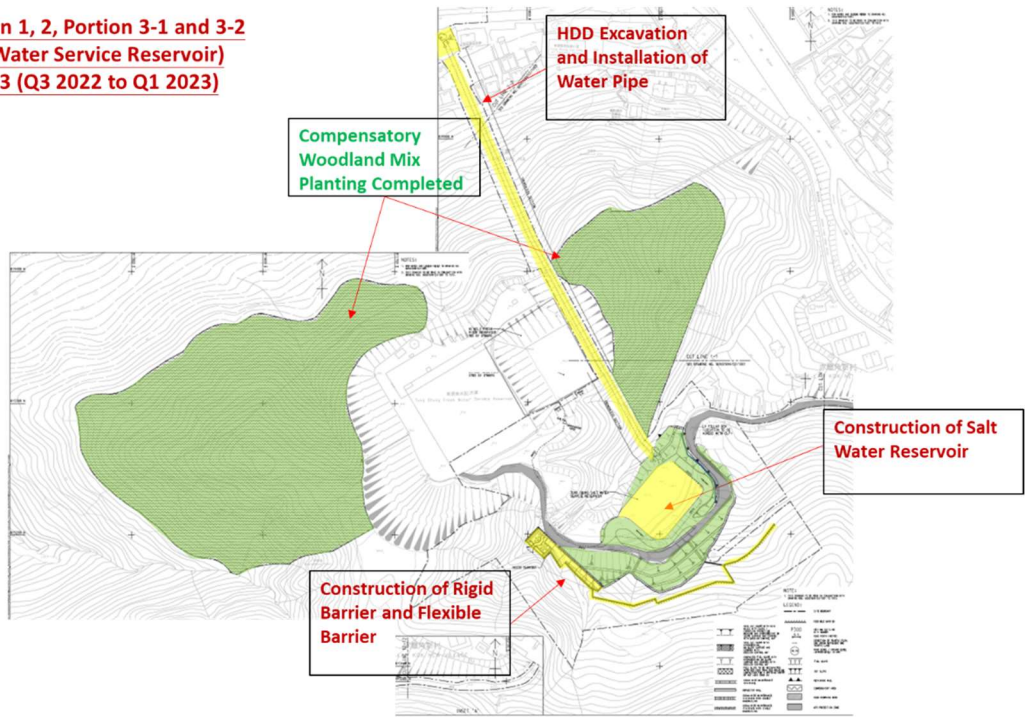


Portion 1, 2, Portion 3-1 and 3-2
(Salt Water Service Reservoir)
Stage 2 (Q2 2022)

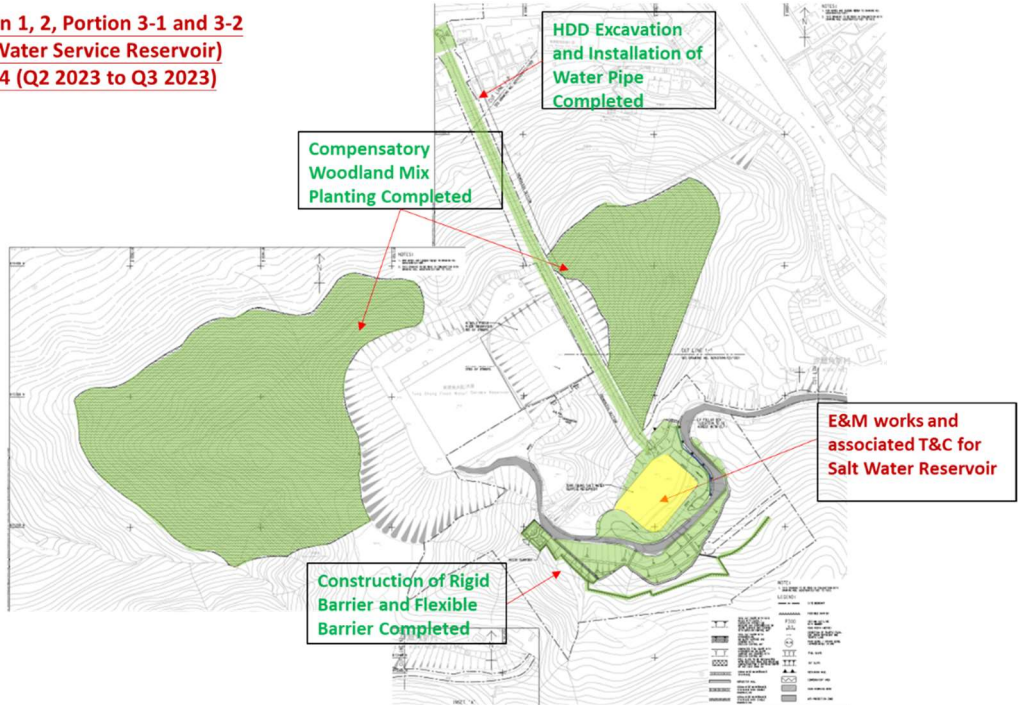


China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022

**Portion 1, 2, Portion 3-1 and 3-2
(Salt Water Service Reservoir)
Stage 3 (Q3 2022 to Q1 2023)**

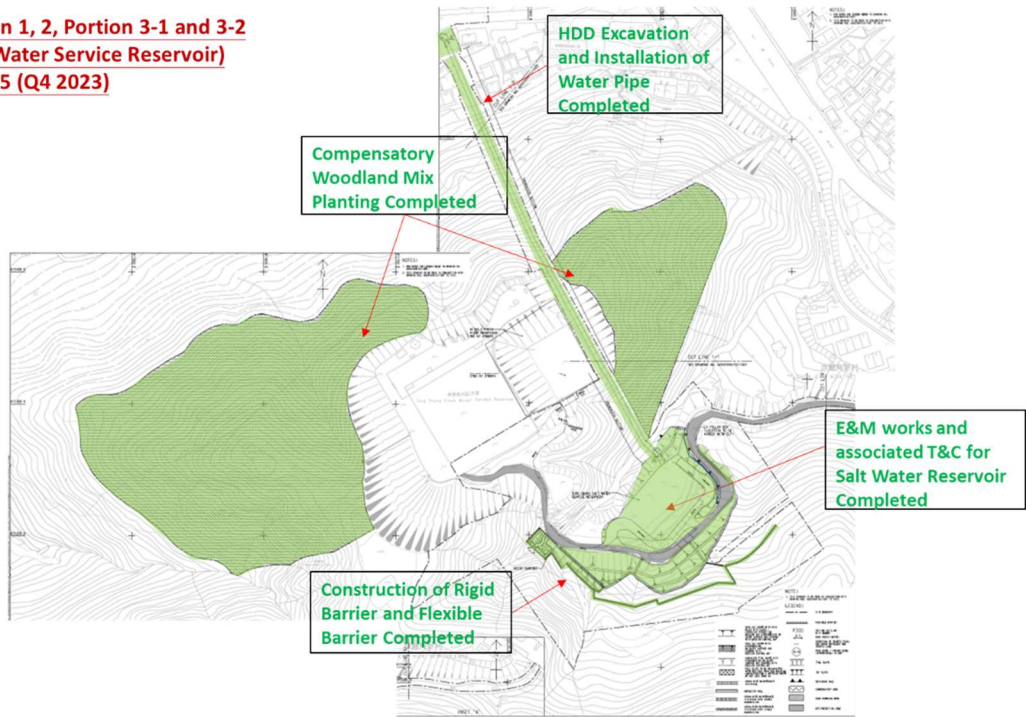


**Portion 1, 2, Portion 3-1 and 3-2
(Salt Water Service Reservoir)
Stage 4 (Q2 2023 to Q3 2023)**



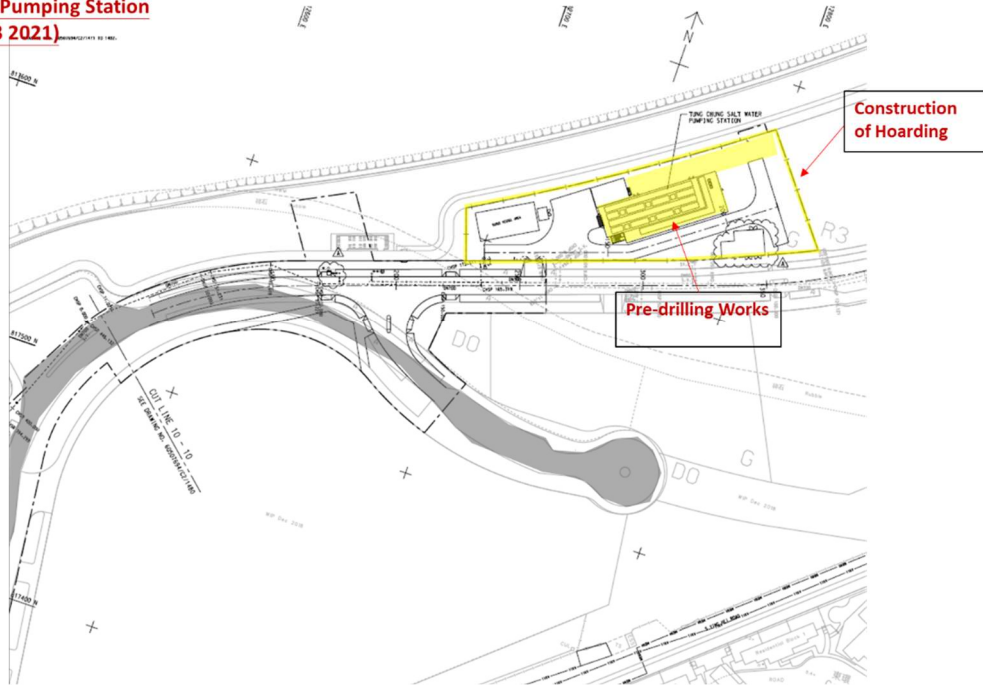
China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022

Portion 1, 2, Portion 3-1 and 3-2
(Salt Water Service Reservoir)
Stage 5 (Q4 2023)

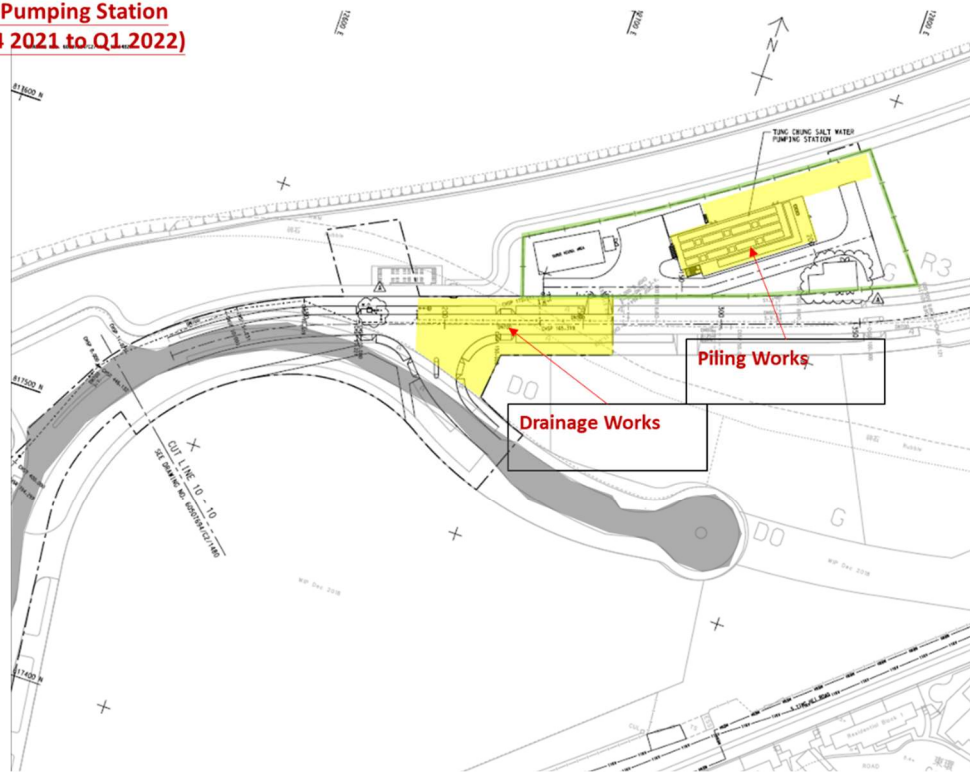


China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022

**Portion 5, 5A, 5B and 6
Salt Water Pumping Station
Stage 1 (Q3 2021)**

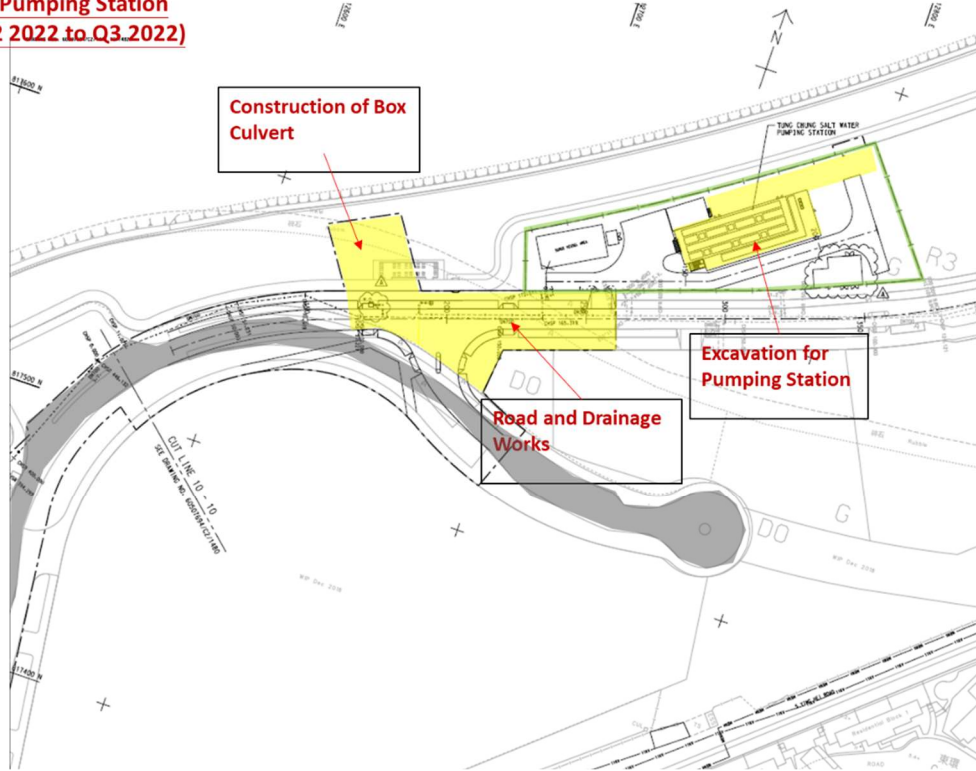


**Portion 5, 5A, 5B and 6
Salt Water Pumping Station
Stage 2 (Q4 2021 to Q1 2022)**

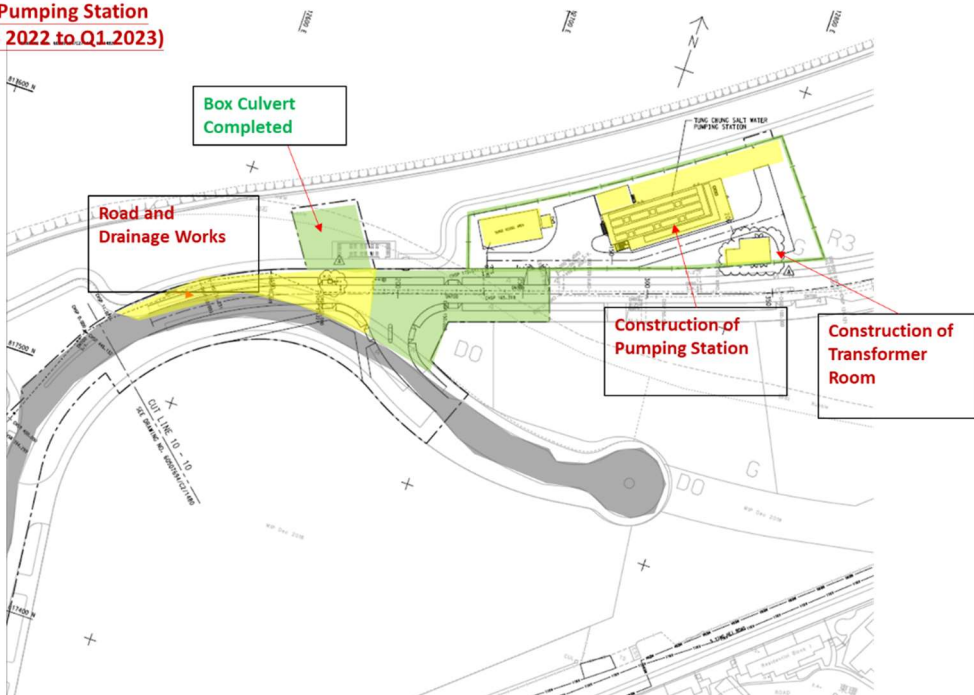


China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022

**Portion 5, 5A, 5B and 6
Salt Water Pumping Station
Stage 3 (Q2 2022 to Q3 2022)**

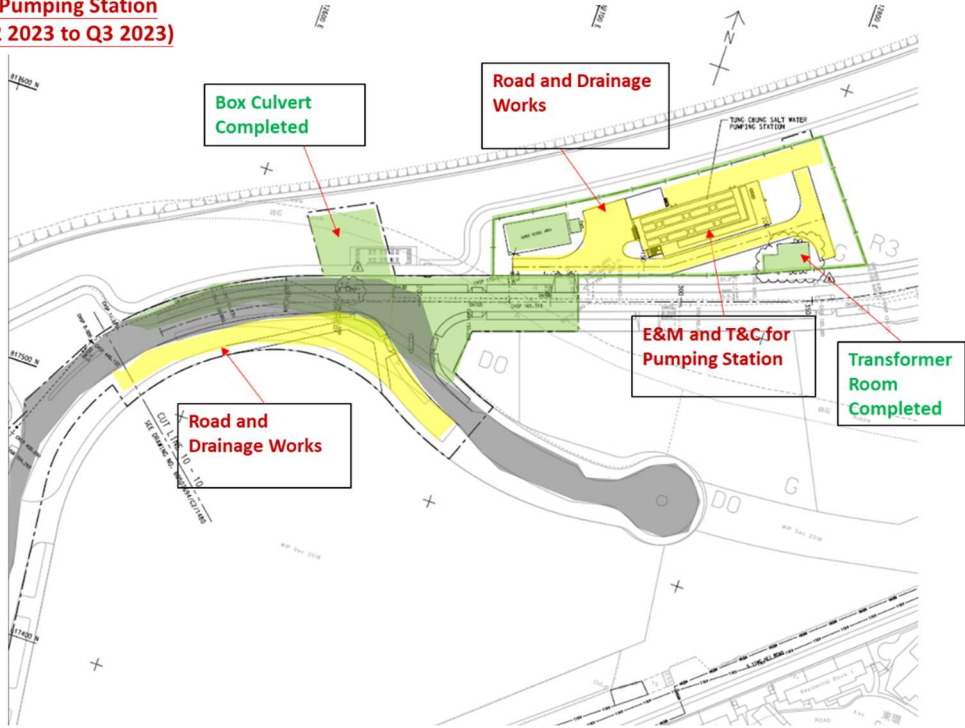


**Portion 5, 5A, 5B and 6
Salt Water Pumping Station
Stage 4 (Q3 2022 to Q1 2023)**

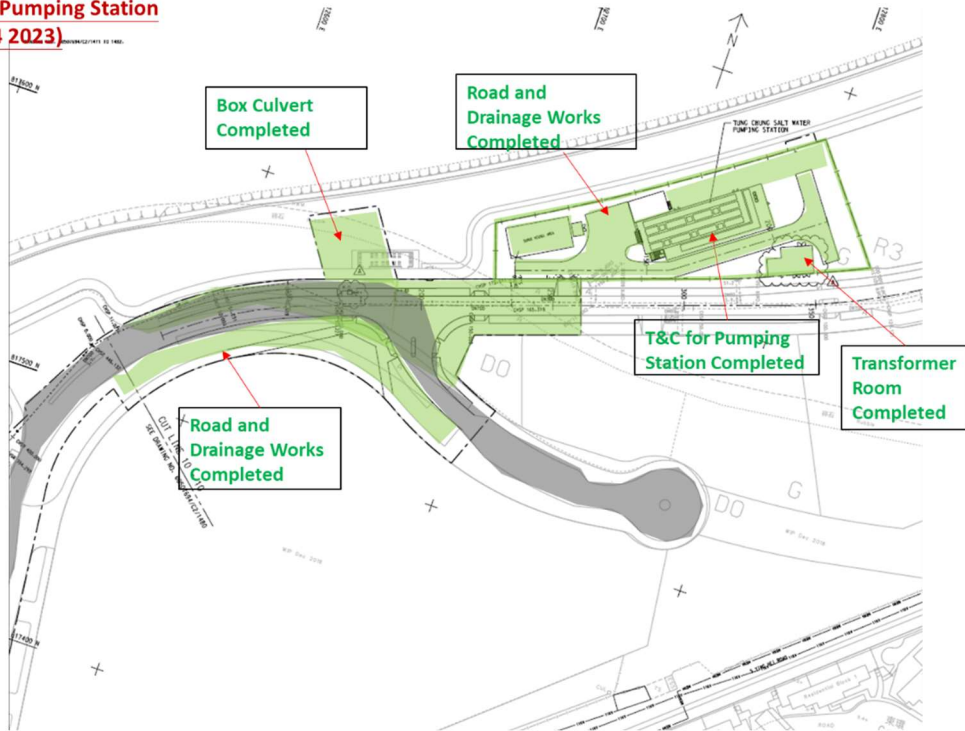


China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022

**Portion 5, 5A, 5B and 6
Salt Water Pumping Station
Stage 5 (Q2 2023 to Q3 2023)**

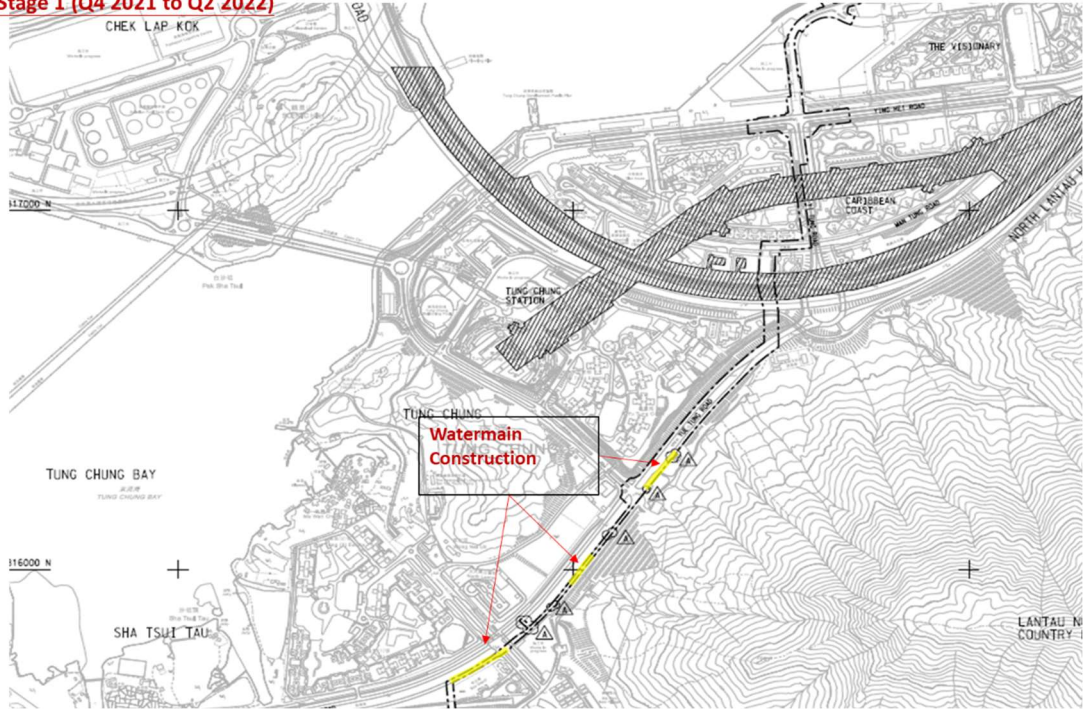


**Portion 5, 5A, 5B and 6
Salt Water Pumping Station
Stage 6 (Q4 2023)**

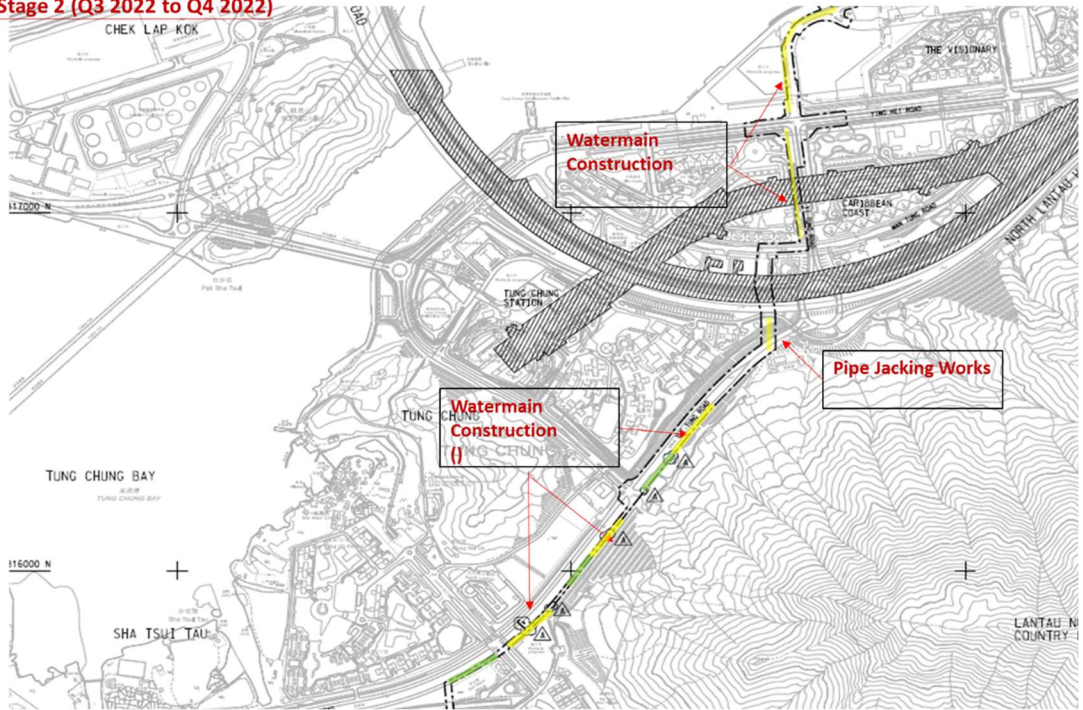


China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022

Portion 3-3, 4, and 5-1 (Watermain Works)
Stage 1 (Q4 2021 to Q2 2022)

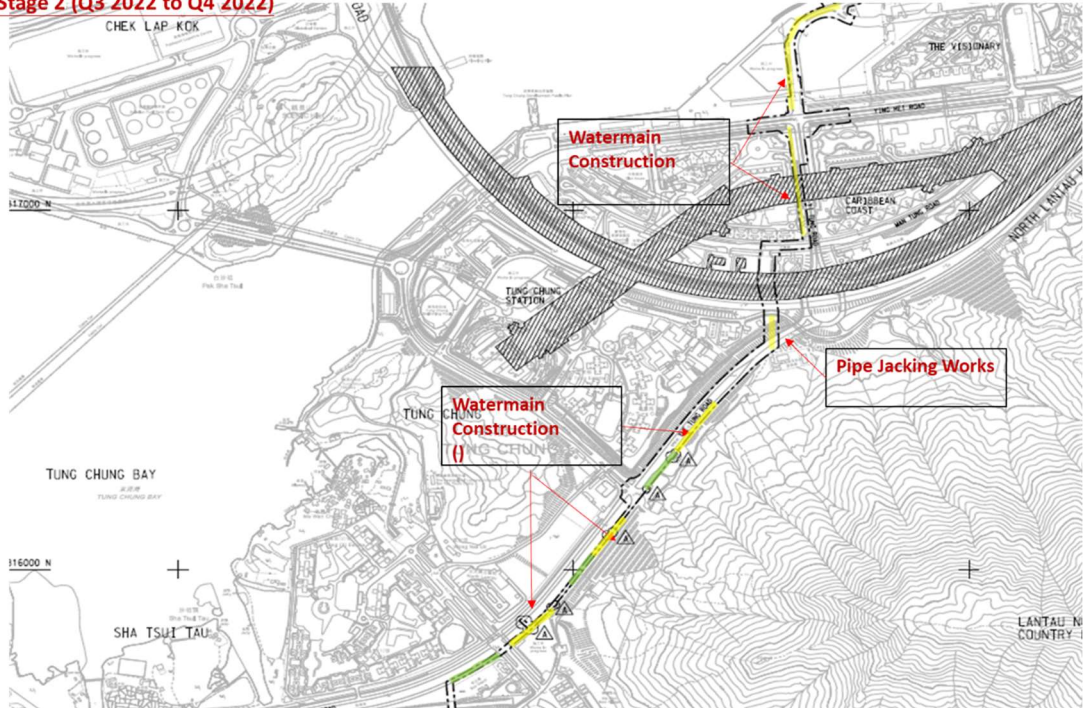


Portion 3-3, 4, and 5-1 (Watermain Works)
Stage 2 (Q3 2022 to Q4 2022)

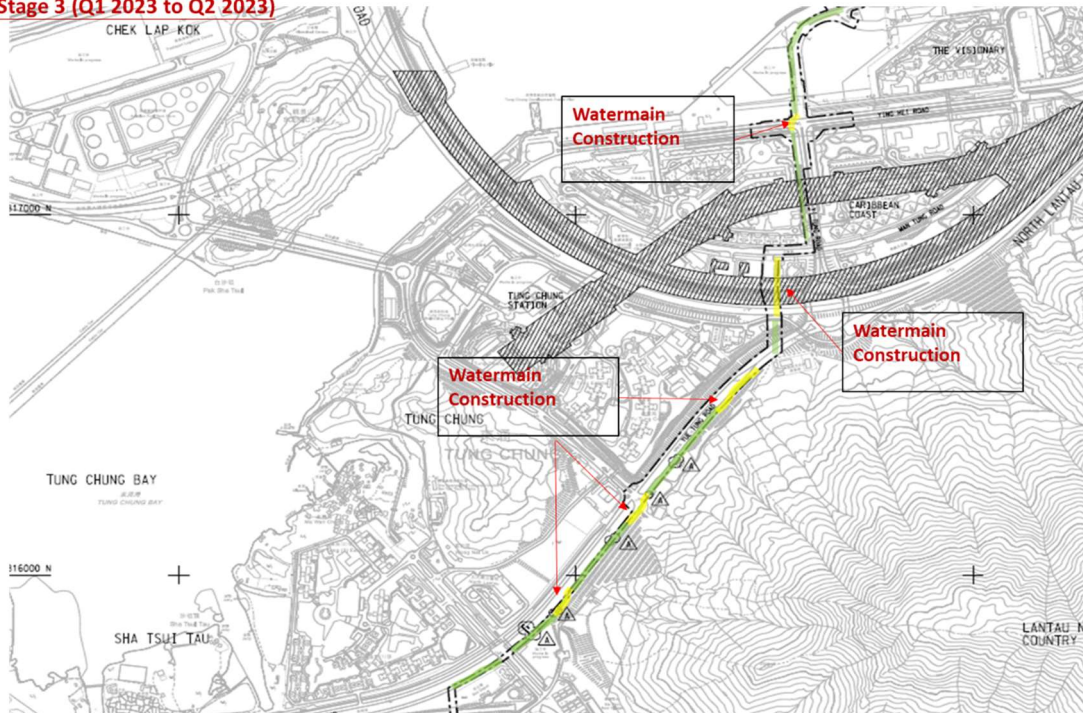


China Geo-Engineering Corporation NL/2020/02 Tung Chung New Town Extension – Salt Water Supply System Construction Works Schedule and Location Plan	Rev. No.	4
	Issue Date	22 Oct 2022

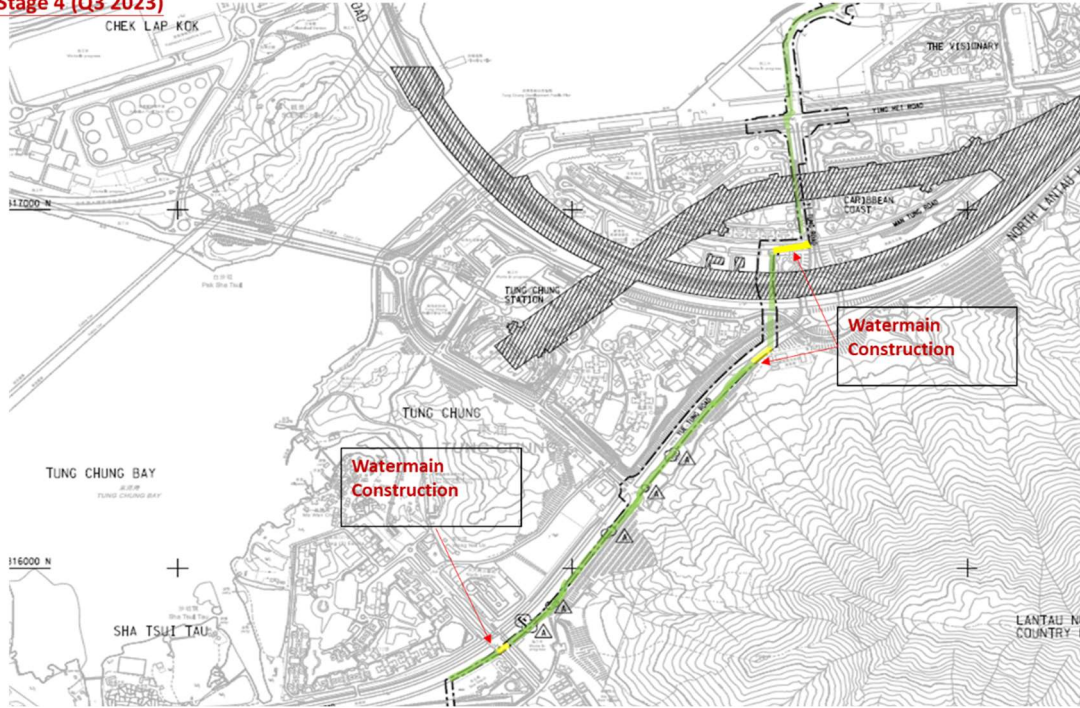
**Portion 3-3, 4, and 5-1 (Watermain Works)
Stage 2 (Q3 2022 to Q4 2022)**



**Portion 3-3, 4, and 5-1 (Watermain Works)
Stage 3 (Q1 2023 to Q2 2023)**



Portion 3-3, 4, and 5-1 (Watermain Works)
Stage 4 (Q3 2023)



Portion 3-3, 4, and 5-1 (Watermain Works)
Stage 5 (Q4 2023)



Annex 4


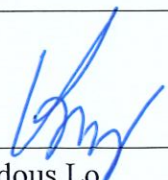
Tung Chung New Town Extension – Major Infrastructure Works in Tung
Chung East (Contract No. NL/2020/03) (Contract 3)




**Civil Engineering and Development Department and
Development Department
Contract No. NL/2020/03**

Tung Chung New Town Extension – Major Infrastructure
Works in Tung Chung East


Construction Works Schedule and Location Plan
(Rev.5)

Prepared By :	Authorized for issue :
Signature: 	Signature: 
Name : Allen Wong Post : Environmental Officer Date : 13 Dec 2022	Name : Aldous Lo Post : Site Agent Date : 13.12.2022


Rev.: 6	Build King Civil Engineering Limited	
Title: Construction Works Schedule and Location Plan Contract No. NL/2020/03 Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East		Page #: Page 3 of 6

CONTENT

1. Detailed Phasing Programme of Construction Works
2. Location Plan
3. Stage Plans

Rev.: 6	Build King Civil Engineering Limited	
Title: Construction Works Schedule and Location Plan Contract No. NL/2020/03 Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East		Page #: Page 4 of 6

1. Detailed Phasing Programme of Construction Works

Rev.: 6	Build King Civil Engineering Limited	
Title: Construction Works Schedule and Location Plan Contract No. NL/2020/03 Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East		Page #: Page 5 of 6

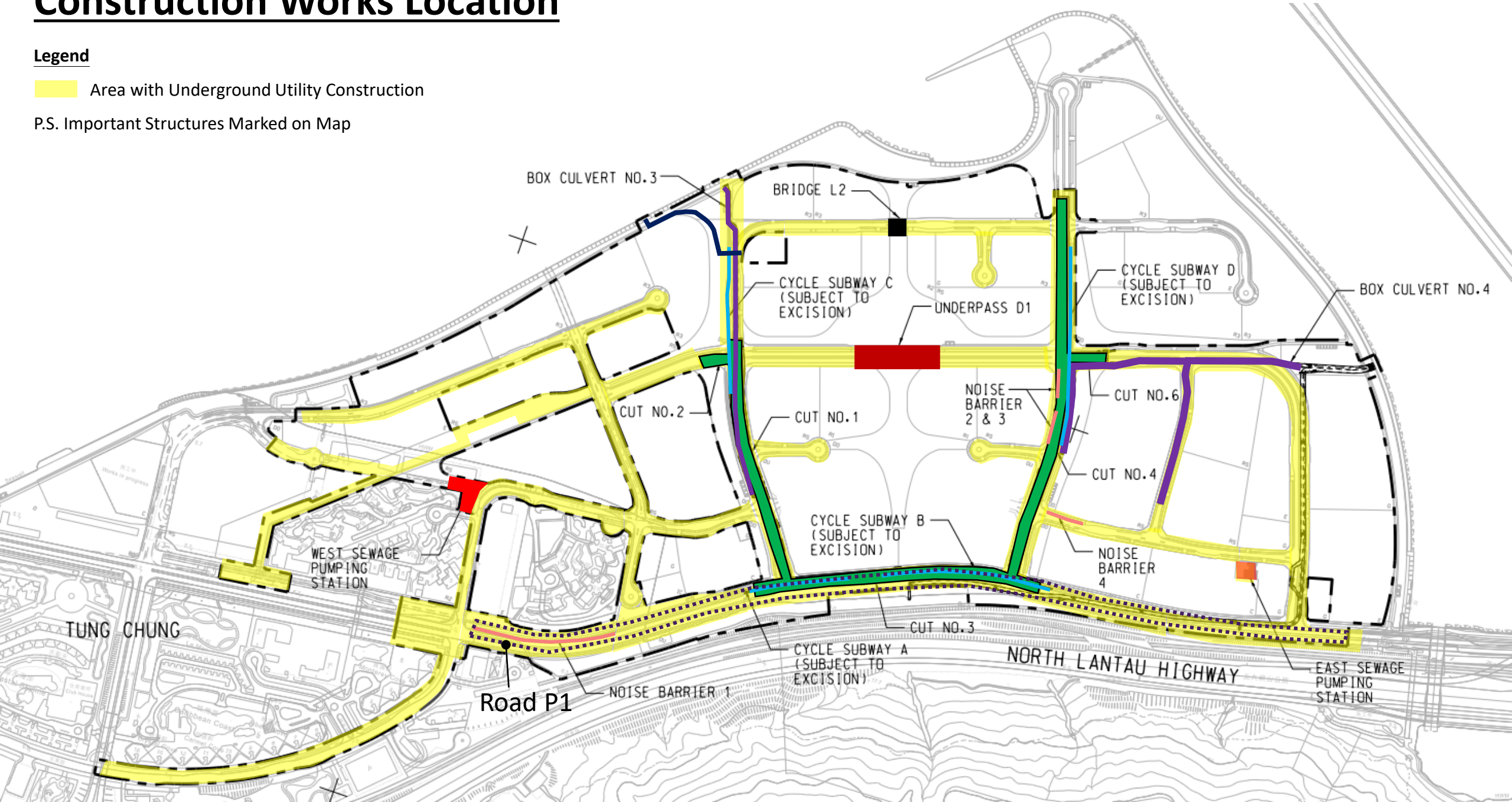
2. Location Plan


Construction Works Location

Legend

Area with Underground Utility Construction

P.S. Important Structures Marked on Map



Rev.: 6	Build King Civil Engineering Limited	
Title: Construction Works Schedule and Location Plan Contract No. NL/2020/03 Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East		Page #: Page 6 of 6

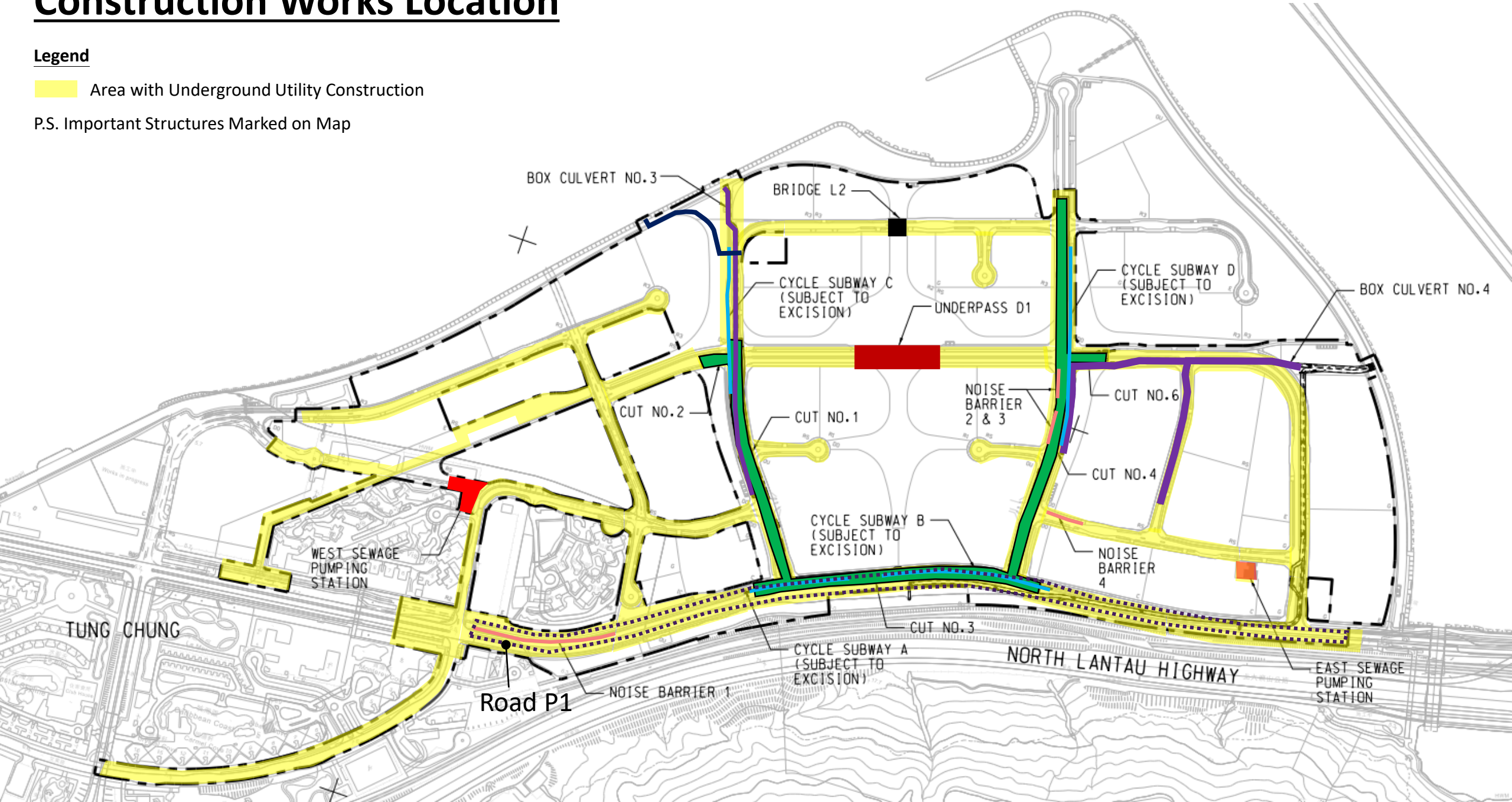
3. Stage Plans

Construction Works Location

Legend

Area with Underground Utility Construction

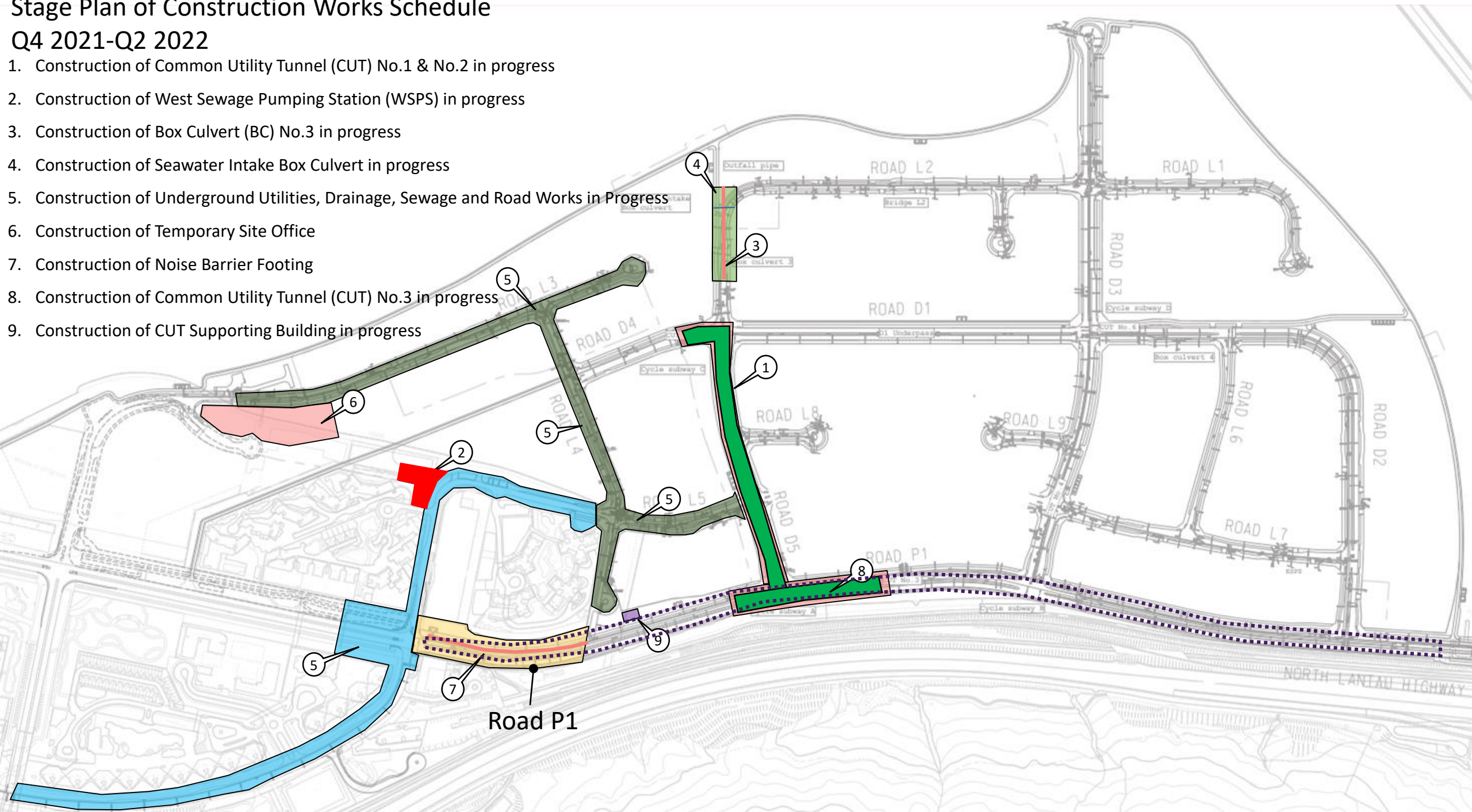
P.S. Important Structures Marked on Map



Stage Plan of Construction Works Schedule

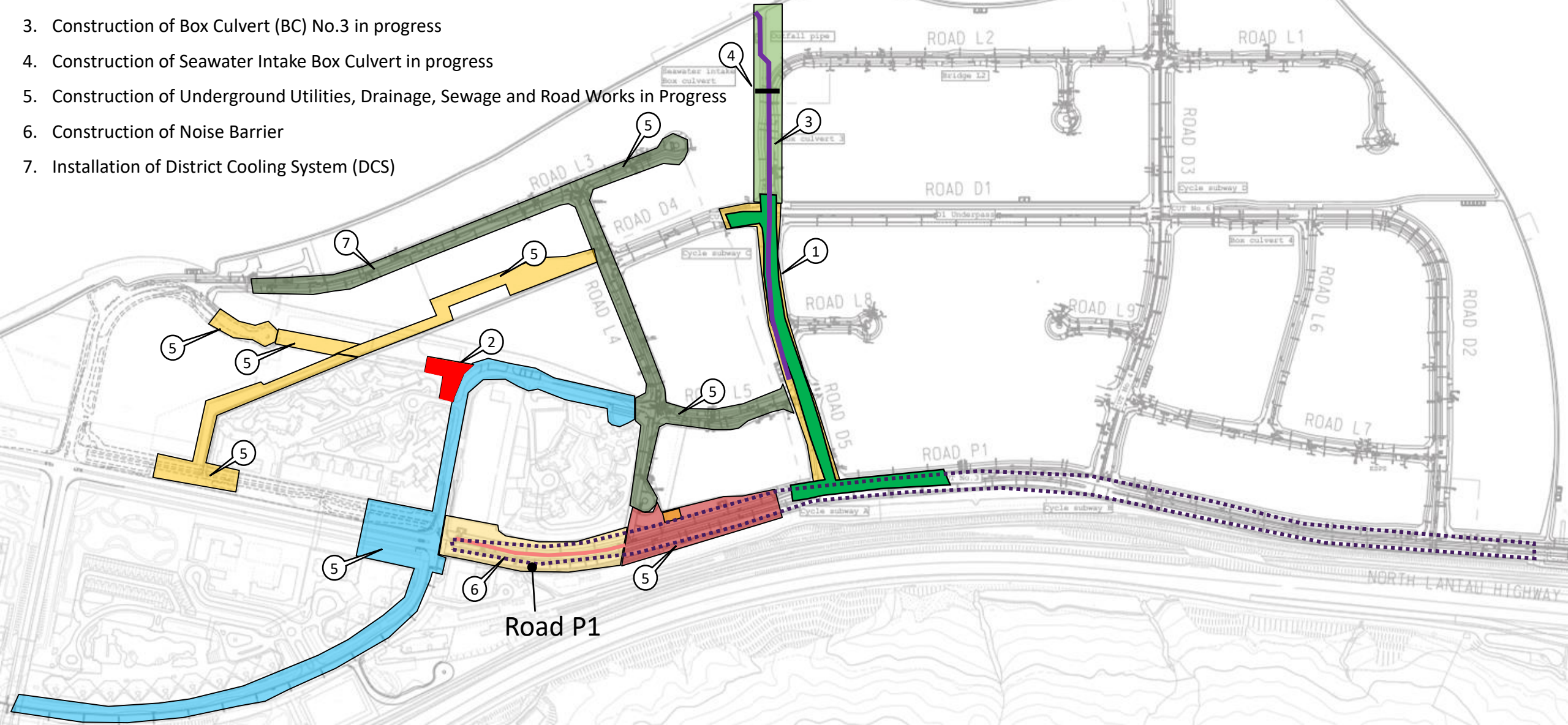
Q4 2021-Q2 2022

1. Construction of Common Utility Tunnel (CUT) No.1 & No.2 in progress
2. Construction of West Sewage Pumping Station (WSPS) in progress
3. Construction of Box Culvert (BC) No.3 in progress
4. Construction of Seawater Intake Box Culvert in progress
5. Construction of Underground Utilities, Drainage, Sewage and Road Works in Progress
6. Construction of Temporary Site Office
7. Construction of Noise Barrier Footing
8. Construction of Common Utility Tunnel (CUT) No.3 in progress
9. Construction of CUT Supporting Building in progress



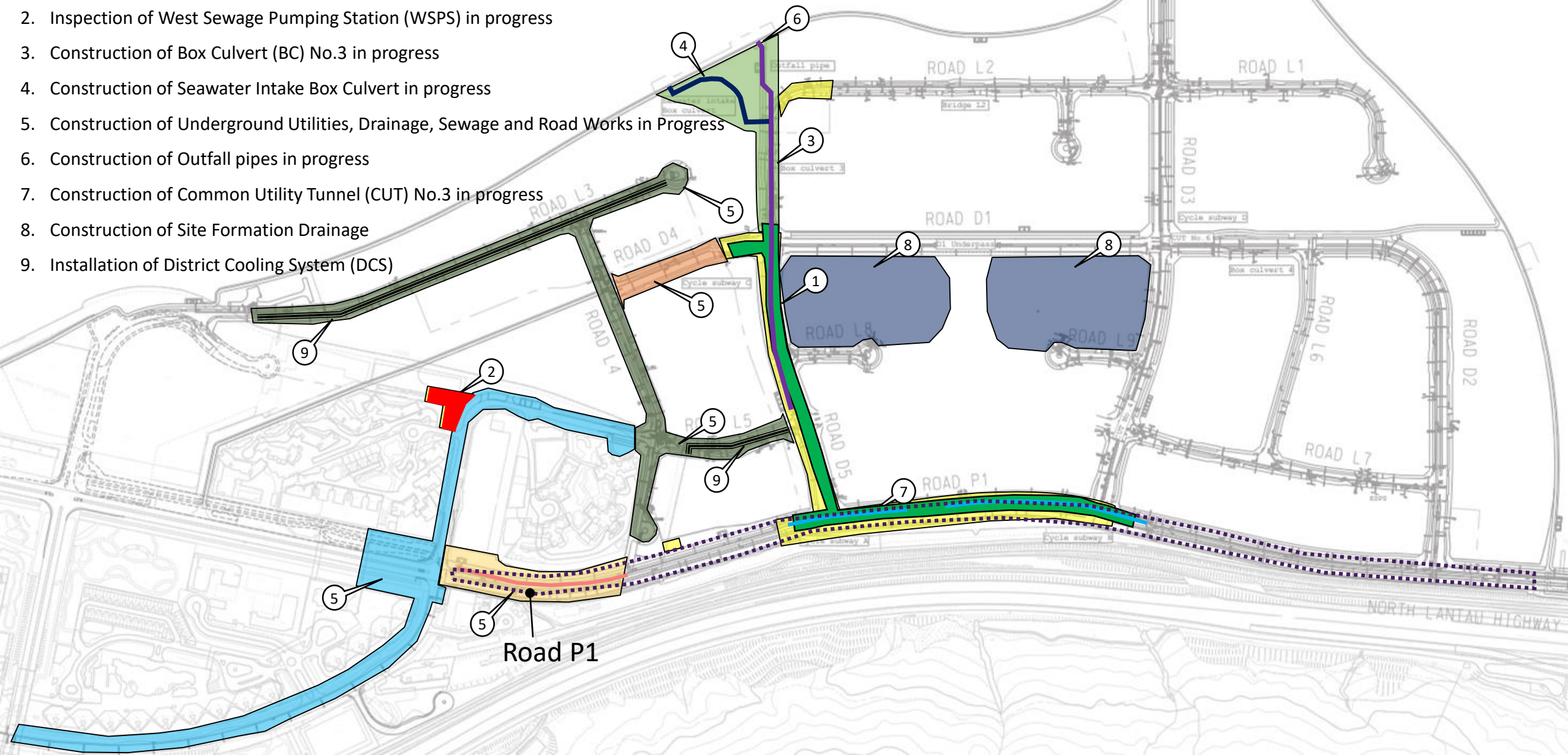
Stage Plan of Construction Works Schedule Q3 2022-Q4 2022

1. Construction of Common Utility Tunnel (CUT) No.1 & No.2 in progress
2. Construction of West Sewage Pumping Station (WSPS) in progress
3. Construction of Box Culvert (BC) No.3 in progress
4. Construction of Seawater Intake Box Culvert in progress
5. Construction of Underground Utilities, Drainage, Sewage and Road Works in Progress
6. Construction of Noise Barrier
7. Installation of District Cooling System (DCS)



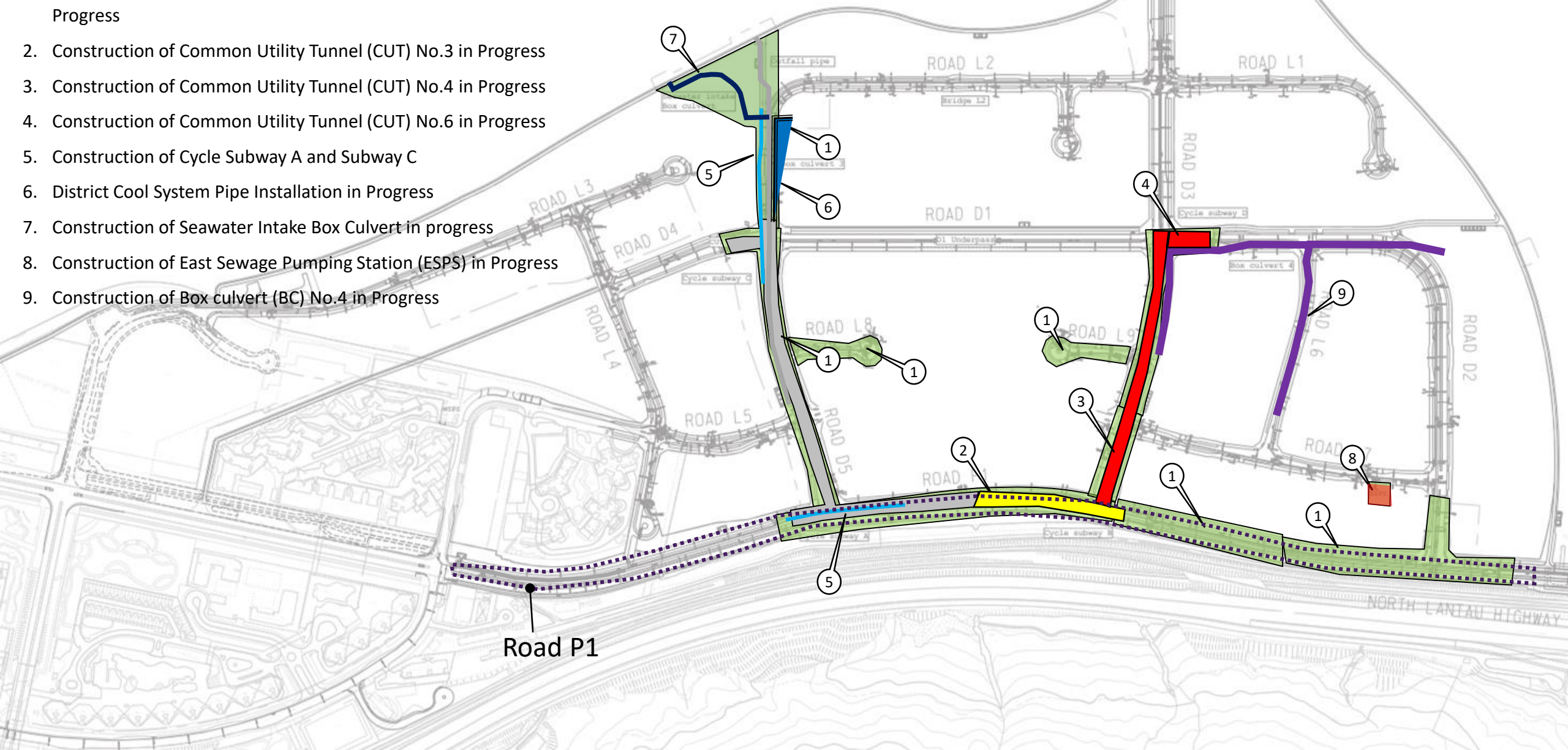
Stage Plan of Construction Works Schedule Q1 2023-Q2 2023

1. E&M works of Common Utility Tunnel (CUT) No.1 & No.2
2. Inspection of West Sewage Pumping Station (WSPS) in progress
3. Construction of Box Culvert (BC) No.3 in progress
4. Construction of Seawater Intake Box Culvert in progress
5. Construction of Underground Utilities, Drainage, Sewage and Road Works in Progress
6. Construction of Outfall pipes in progress
7. Construction of Common Utility Tunnel (CUT) No.3 in progress
8. Construction of Site Formation Drainage
9. Installation of District Cooling System (DCS)



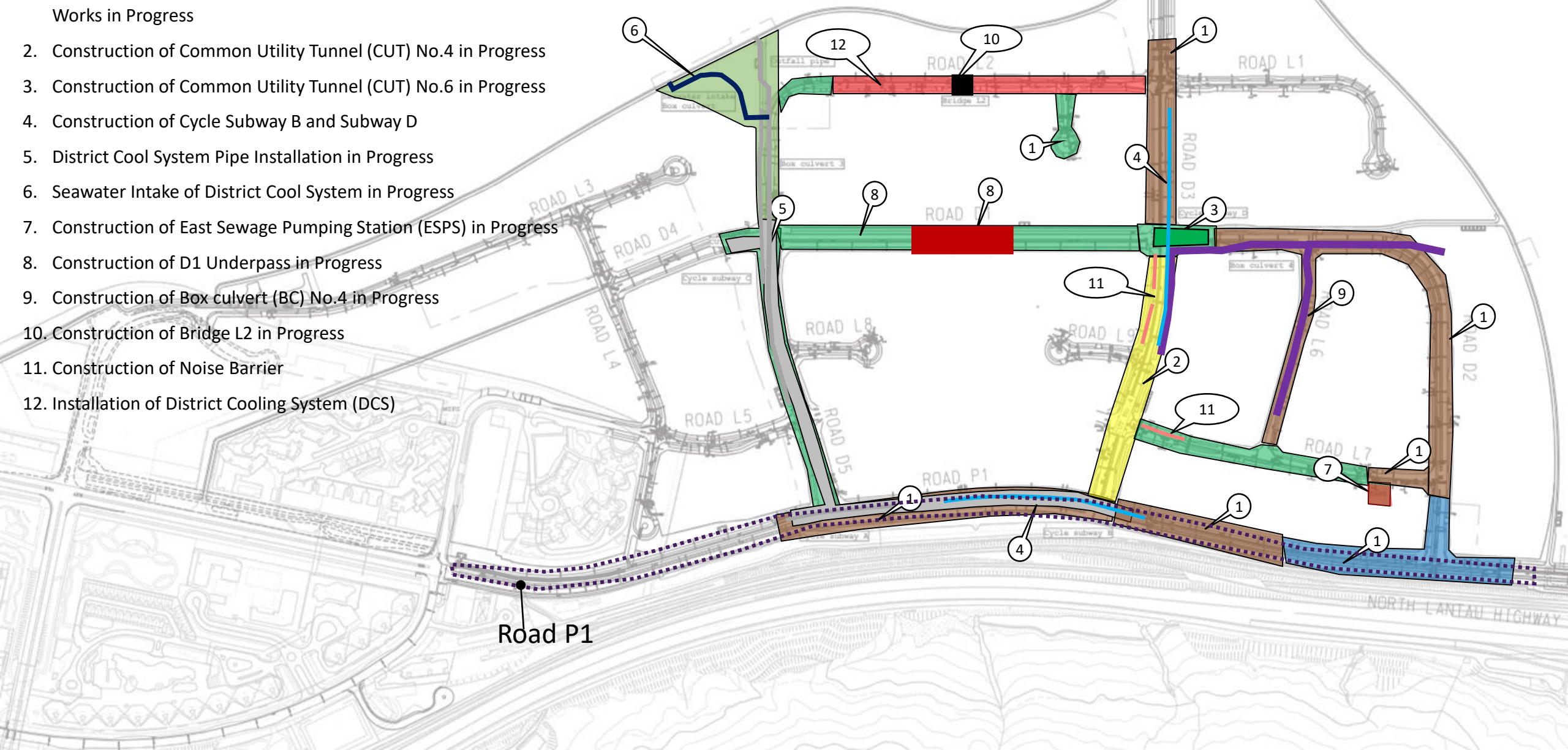
Stage Plan of Construction Works Schedule Q3 2023-Q4 2023

1. Construction of Underground Utilities, Drainage, Sewage and Road Works in Progress
2. Construction of Common Utility Tunnel (CUT) No.3 in Progress
3. Construction of Common Utility Tunnel (CUT) No.4 in Progress
4. Construction of Common Utility Tunnel (CUT) No.6 in Progress
5. Construction of Cycle Subway A and Subway C
6. District Cool System Pipe Installation in Progress
7. Construction of Seawater Intake Box Culvert in progress
8. Construction of East Sewage Pumping Station (ESPS) in Progress
9. Construction of Box culvert (BC) No.4 in Progress



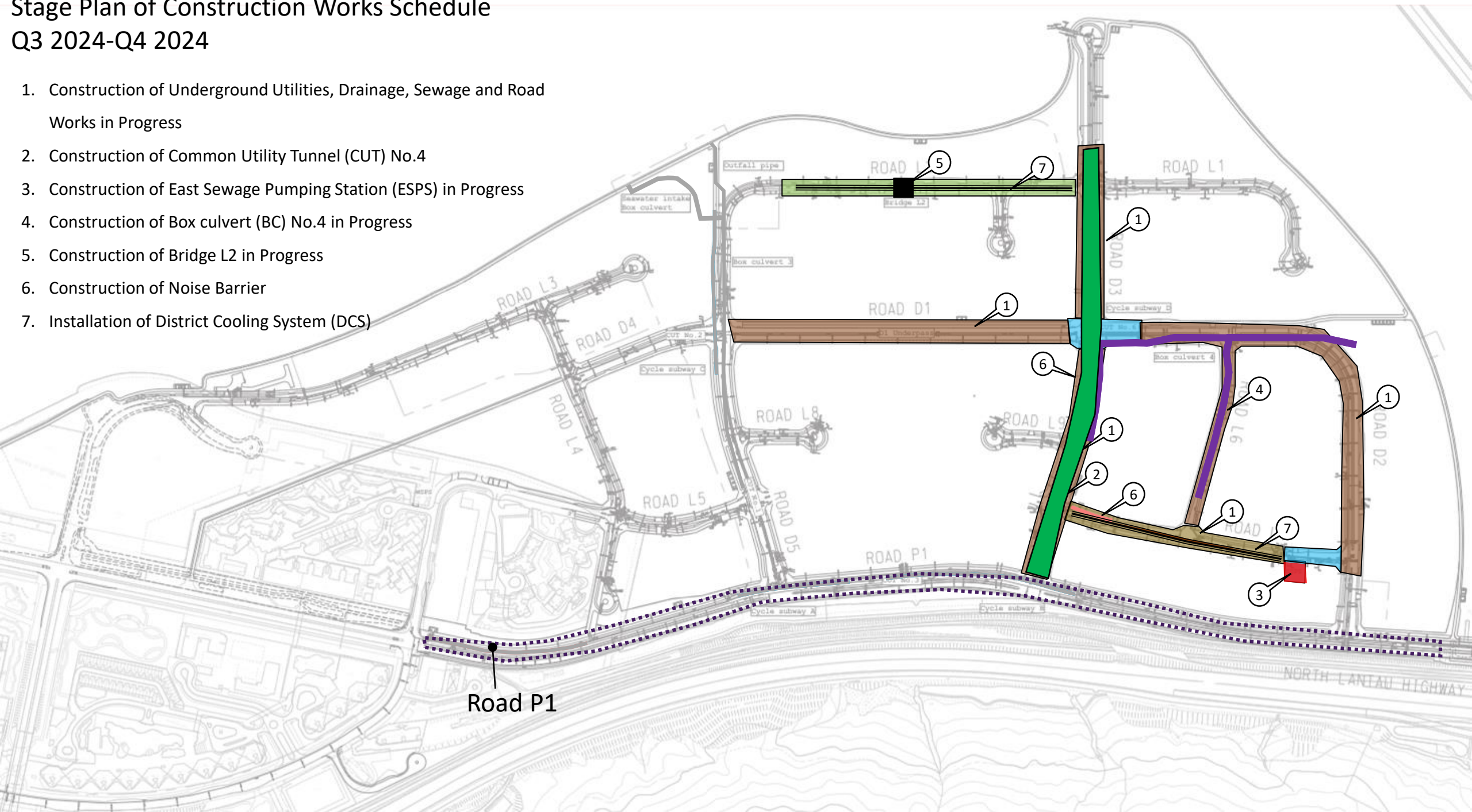
Stage Plan of Construction Works Schedule Q1 2024-Q2 2024

1. Construction of Underground Utilities, Drainage, Sewage and Road Works in Progress
2. Construction of Common Utility Tunnel (CUT) No.4 in Progress
3. Construction of Common Utility Tunnel (CUT) No.6 in Progress
4. Construction of Cycle Subway B and Subway D
5. District Cool System Pipe Installation in Progress
6. Seawater Intake of District Cool System in Progress
7. Construction of East Sewage Pumping Station (ESPS) in Progress
8. Construction of D1 Underpass in Progress
9. Construction of Box culvert (BC) No.4 in Progress
10. Construction of Bridge L2 in Progress
11. Construction of Noise Barrier
12. Installation of District Cooling System (DCS)



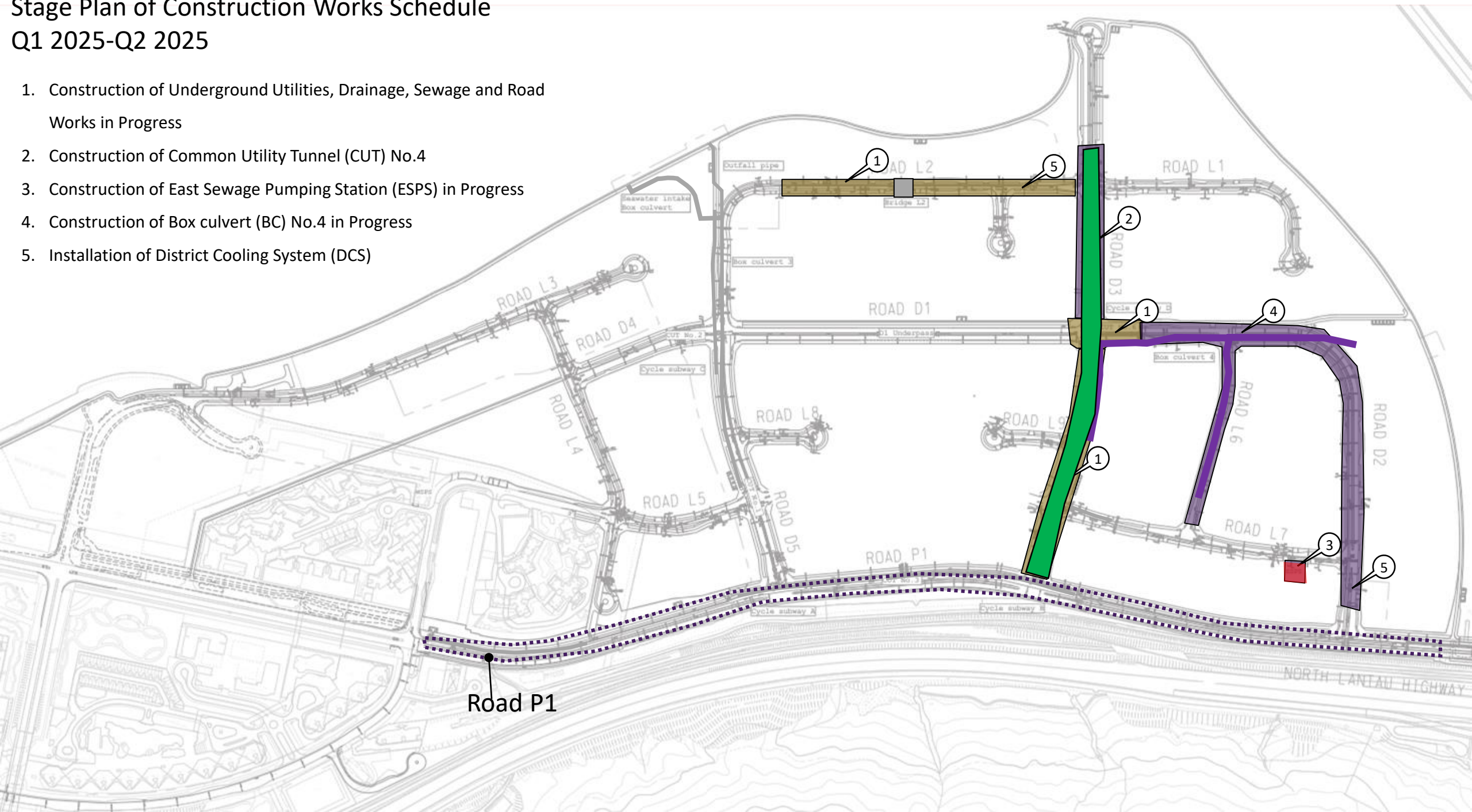
Stage Plan of Construction Works Schedule Q3 2024-Q4 2024

1. Construction of Underground Utilities, Drainage, Sewage and Road Works in Progress
2. Construction of Common Utility Tunnel (CUT) No.4
3. Construction of East Sewage Pumping Station (ESPS) in Progress
4. Construction of Box culvert (BC) No.4 in Progress
5. Construction of Bridge L2 in Progress
6. Construction of Noise Barrier
7. Installation of District Cooling System (DCS)



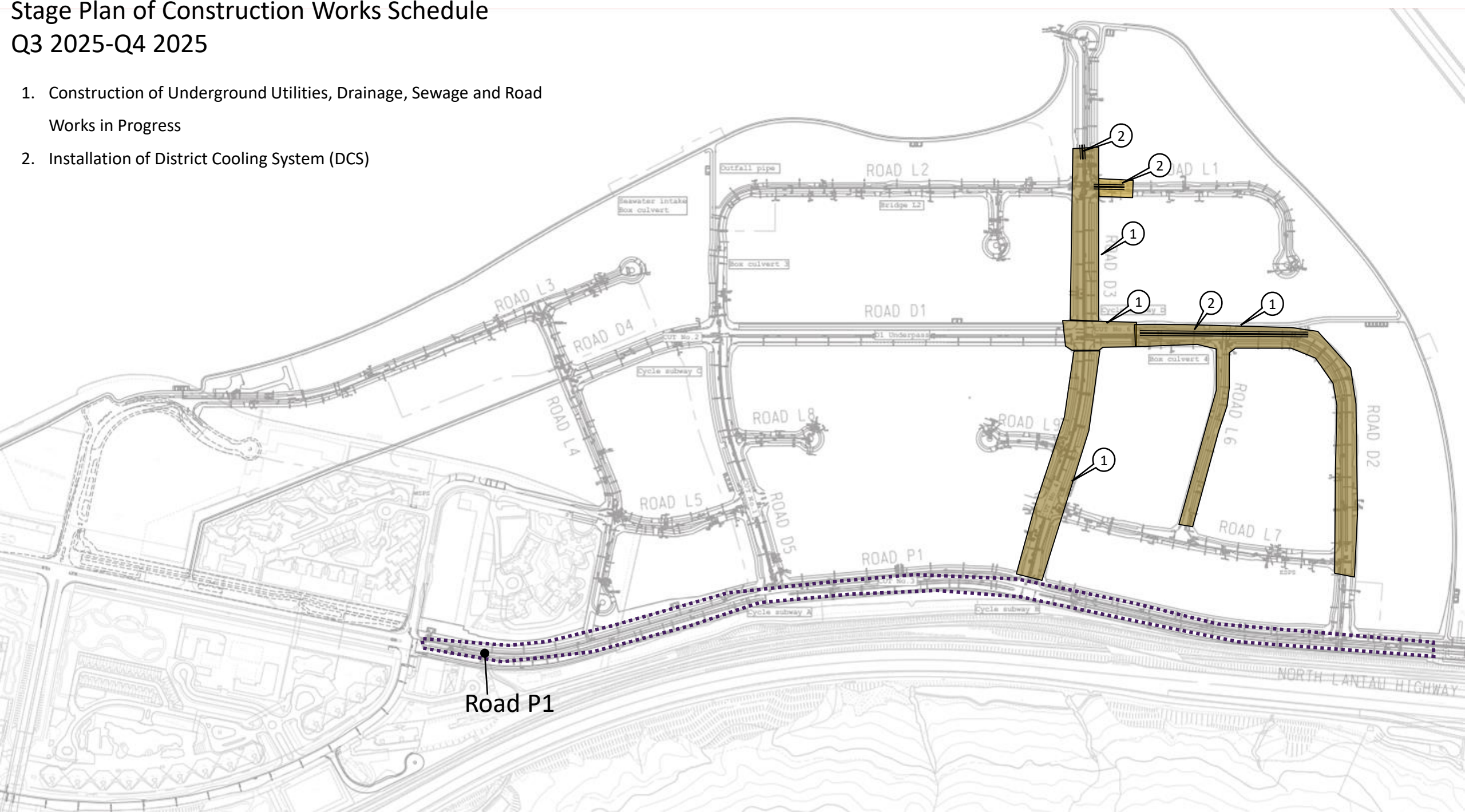
Stage Plan of Construction Works Schedule Q1 2025-Q2 2025

1. Construction of Underground Utilities, Drainage, Sewage and Road Works in Progress
2. Construction of Common Utility Tunnel (CUT) No.4
3. Construction of East Sewage Pumping Station (ESPS) in Progress
4. Construction of Box culvert (BC) No.4 in Progress
5. Installation of District Cooling System (DCS)



Stage Plan of Construction Works Schedule Q3 2025-Q4 2025

1. Construction of Underground Utilities, Drainage, Sewage and Road Works in Progress
2. Installation of District Cooling System (DCS)



Annex 5



Tung Chung New Town Extension – Tai Ho Interchange (Contract No.
NL/2020/07) (Contract 7)




**Civil Engineering and Development Department and
Development Department
Contract No. NL/2020/07**

Tung Chung New Town Extension – Tai Ho Interchange


**Construction Works Schedule and Location Plan
Revision C**

Complied By : 	Authorized for issue :
Name : Nash Wong Post : Environmental Officer Date : 19 Sept 2022	Name : Hon Yee Post : Site Agent Date : 19 Sept 2022 


Rev.: C	Build King Civil Engineering Limited	
Title: Construction Works Schedule and Location Plan Contract No. NL/2020/07 Tung Chung New Town Extension – Tai Ho Interchange		Page #: Page 3 of 6

CONTENT

1. Detailed Phasing Programme of Construction Works
2. Location Plan
3. Stage Plans

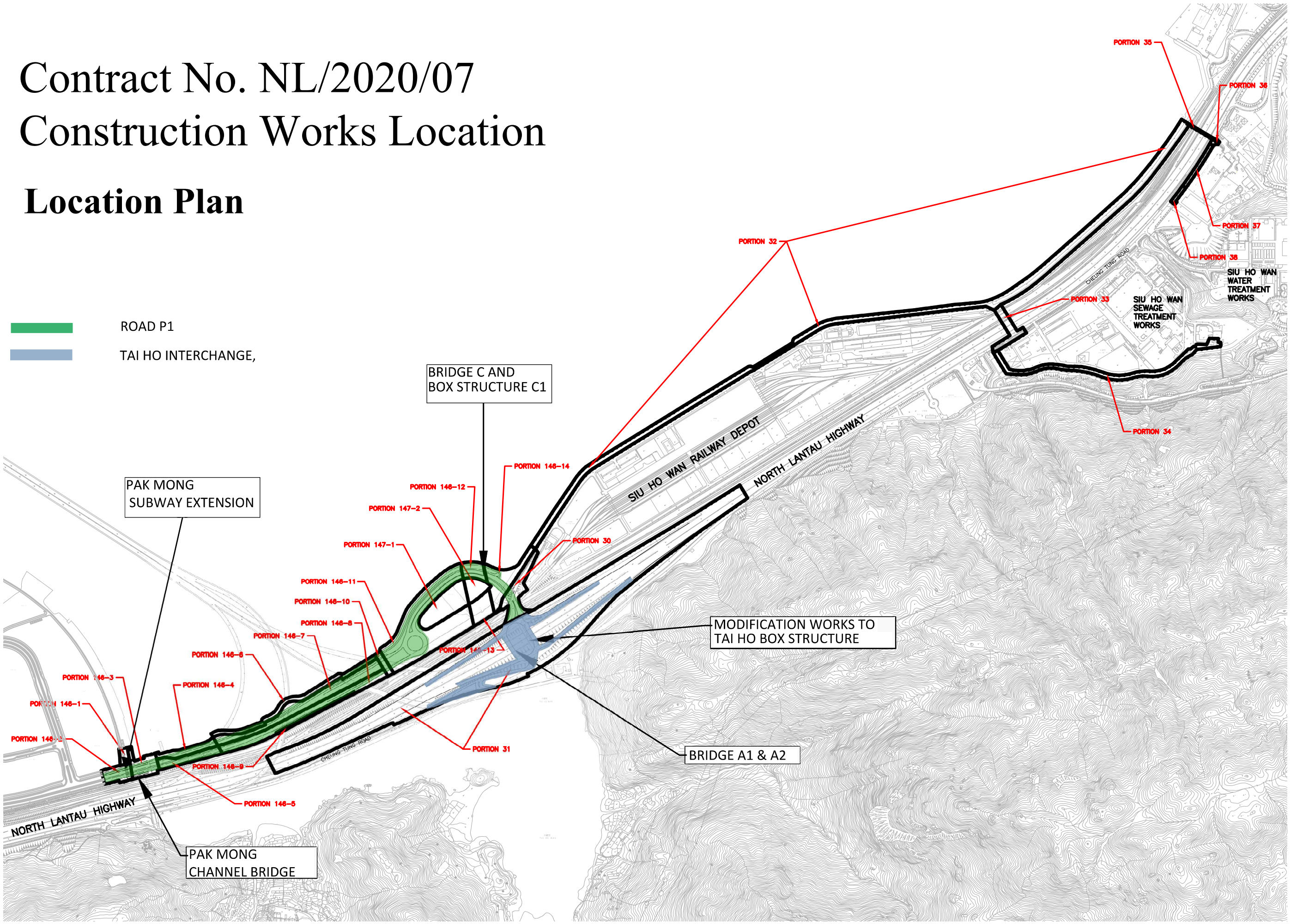
Rev.: C	Build King Civil Engineering Limited	
Title: Construction Works Schedule and Location Plan Contract No. NL/2020/07 Tung Chung New Town Extension – Tai Ho Interchange		Page #: Page 4 of 6


1. Detailed Phasing Programme of Construction Works

Rev.: C	Build King Civil Engineering Limited	
Title: Construction Works Schedule and Location Plan Contract No. NL/2020/07 Tung Chung New Town Extension – Tai Ho Interchange		Page #: Page 5 of 6

2. Location Plan

Contract No. NL/2020/07 Construction Works Location Location Plan



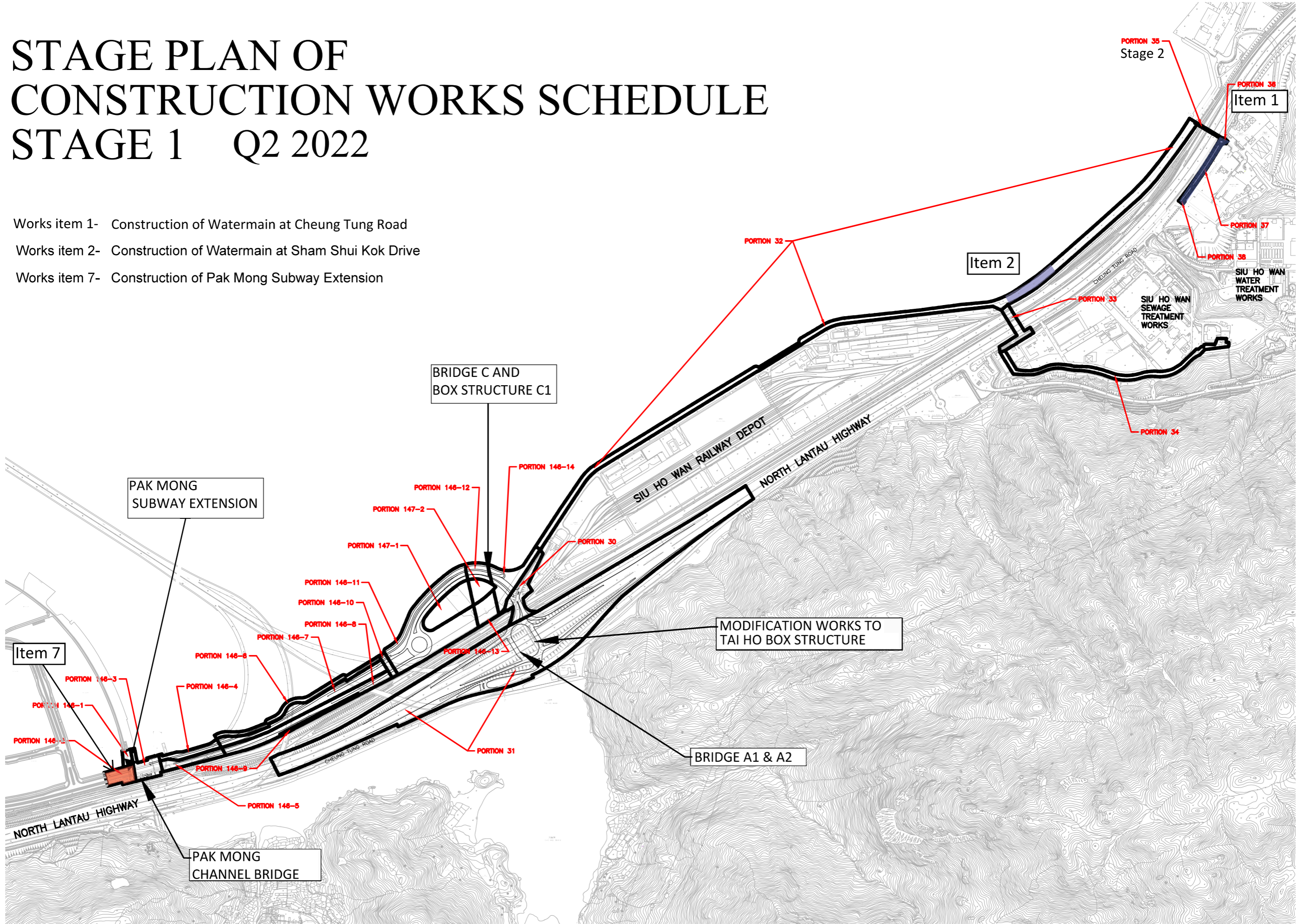
Rev.: C	Build King Civil Engineering Limited	
Title: Construction Works Schedule and Location Plan Contract No. NL/2020/07 Tung Chung New Town Extension – Tai Ho Interchange		Page #: Page 6 of 6

3. Stage Plans

STAGE PLAN OF CONSTRUCTION WORKS SCHEDULE

STAGE 1 Q2 2022

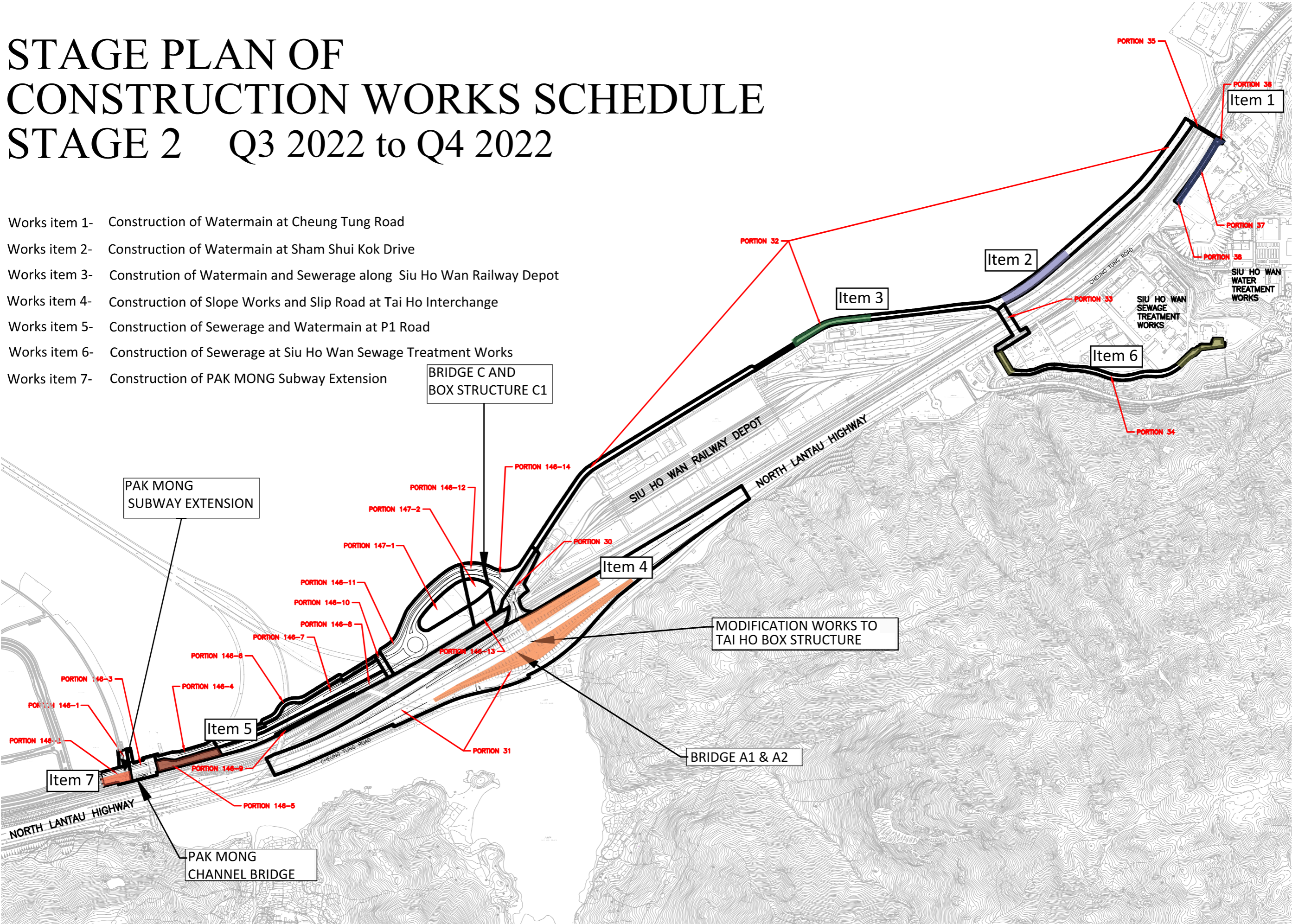
- Works item 1- Construction of Watermain at Cheung Tung Road
- Works item 2- Construction of Watermain at Sham Shui Kok Drive
- Works item 7- Construction of Pak Mong Subway Extension



STAGE PLAN OF CONSTRUCTION WORKS SCHEDULE

STAGE 2 Q3 2022 to Q4 2022

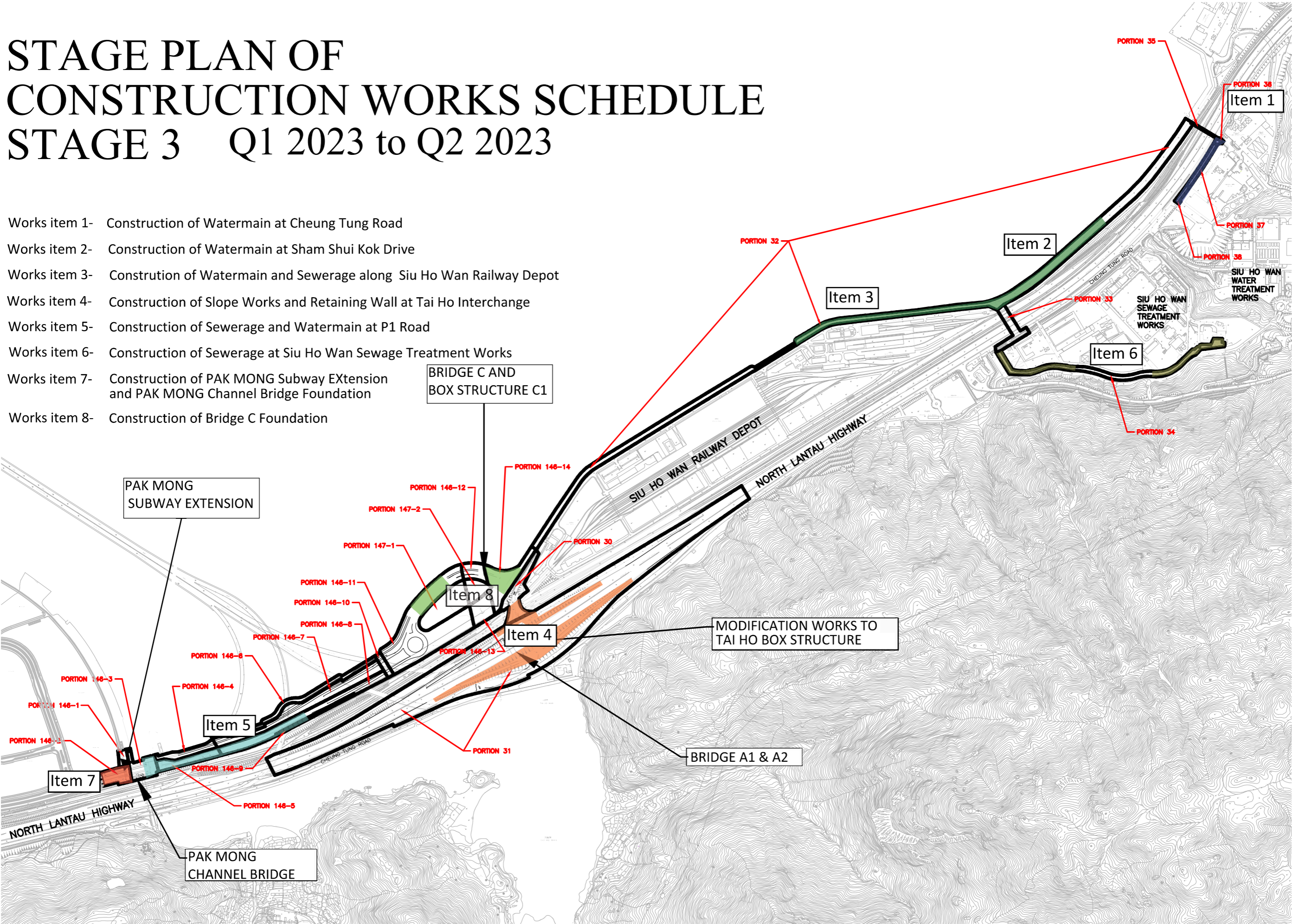
- Works item 1- Construction of Watermain at Cheung Tung Road
- Works item 2- Construction of Watermain at Sham Shui Kok Drive
- Works item 3- Construction of Watermain and Sewerage along Siu Ho Wan Railway Depot
- Works item 4- Construction of Slope Works and Slip Road at Tai Ho Interchange
- Works item 5- Construction of Sewerage and Watermain at P1 Road
- Works item 6- Construction of Sewerage at Siu Ho Wan Sewage Treatment Works
- Works item 7- Construction of PAK MONG Subway Extension



STAGE PLAN OF CONSTRUCTION WORKS SCHEDULE

STAGE 3 Q1 2023 to Q2 2023

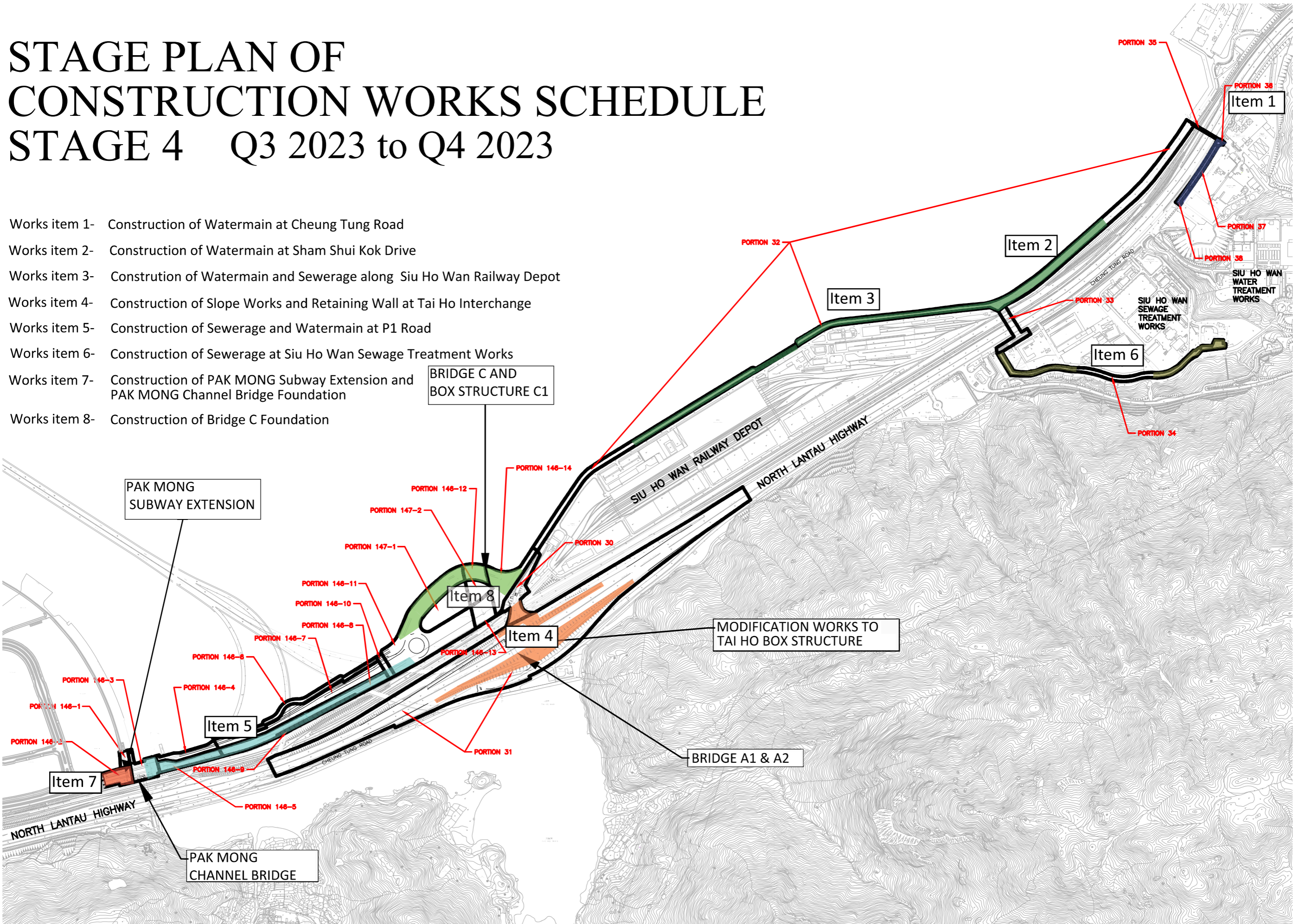
- Works item 1- Construction of Watermain at Cheung Tung Road
- Works item 2- Construction of Watermain at Sham Shui Kok Drive
- Works item 3- Construction of Watermain and Sewerage along Siu Ho Wan Railway Depot
- Works item 4- Construction of Slope Works and Retaining Wall at Tai Ho Interchange
- Works item 5- Construction of Sewerage and Watermain at P1 Road
- Works item 6- Construction of Sewerage at Siu Ho Wan Sewage Treatment Works
- Works item 7- Construction of PAK MONG Subway Extension and PAK MONG Channel Bridge Foundation
- Works item 8- Construction of Bridge C Foundation



STAGE PLAN OF CONSTRUCTION WORKS SCHEDULE

STAGE 4 Q3 2023 to Q4 2023

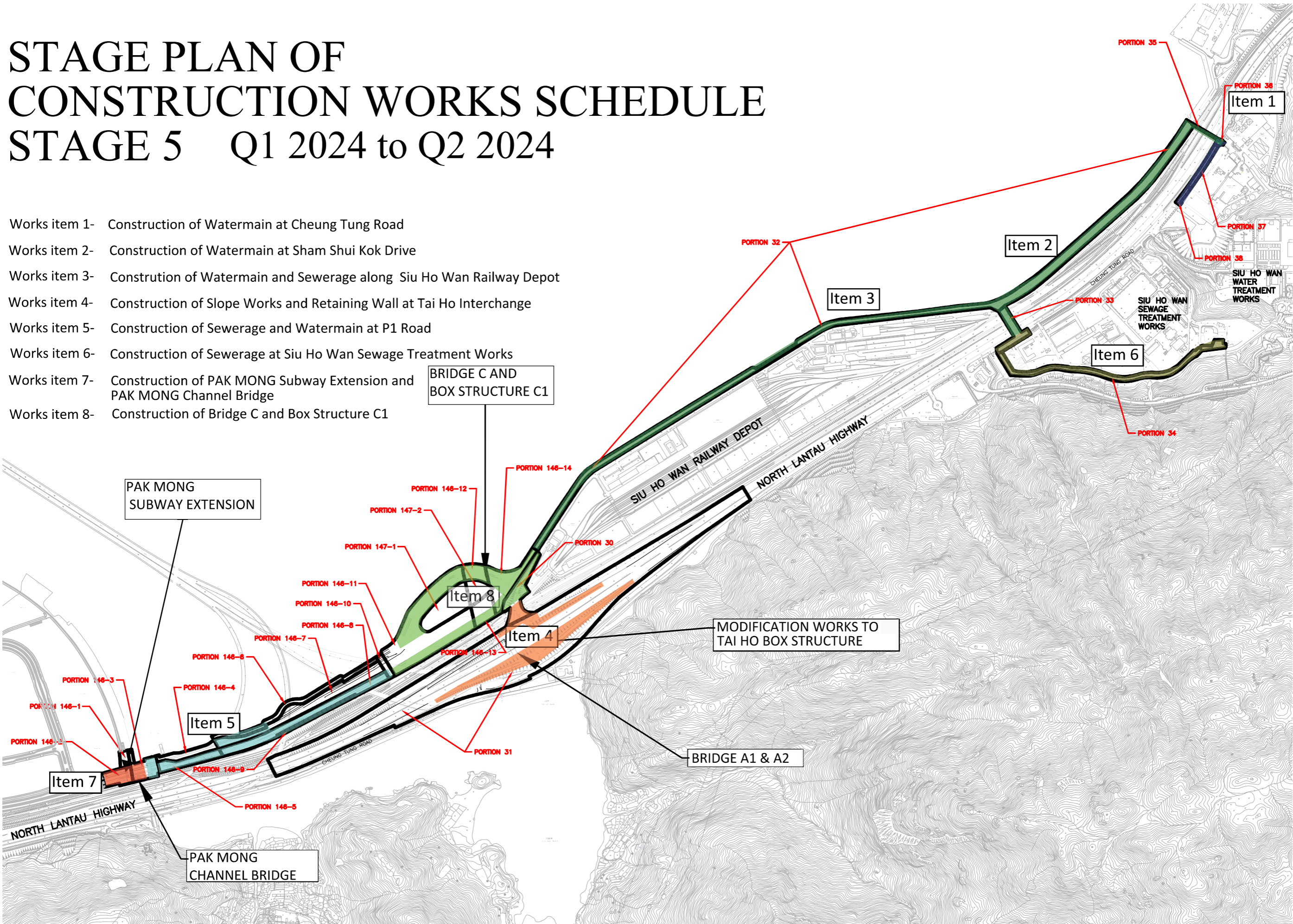
- Works item 1- Construction of Watermain at Cheung Tung Road
- Works item 2- Construction of Watermain at Sham Shui Kok Drive
- Works item 3- Construction of Watermain and Sewerage along Siu Ho Wan Railway Depot
- Works item 4- Construction of Slope Works and Retaining Wall at Tai Ho Interchange
- Works item 5- Construction of Sewerage and Watermain at P1 Road
- Works item 6- Construction of Sewerage at Siu Ho Wan Sewage Treatment Works
- Works item 7- Construction of PAK MONG Subway Extension and PAK MONG Channel Bridge Foundation
- Works item 8- Construction of Bridge C Foundation



STAGE PLAN OF CONSTRUCTION WORKS SCHEDULE

STAGE 5 Q1 2024 to Q2 2024

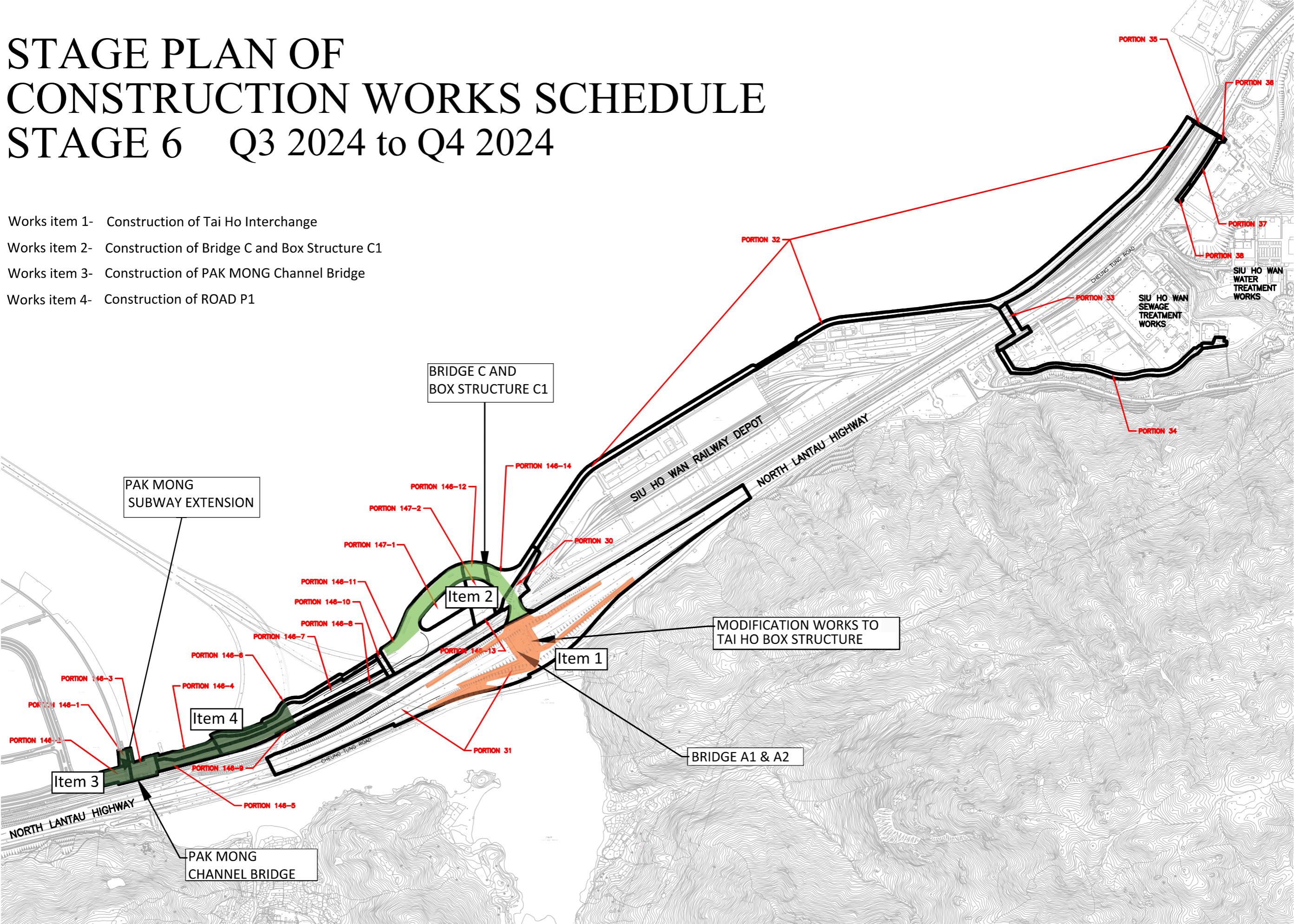
- Works item 1- Construction of Watermain at Cheung Tung Road
- Works item 2- Construction of Watermain at Sham Shui Kok Drive
- Works item 3- Construction of Watermain and Sewerage along Siu Ho Wan Railway Depot
- Works item 4- Construction of Slope Works and Retaining Wall at Tai Ho Interchange
- Works item 5- Construction of Sewerage and Watermain at P1 Road
- Works item 6- Construction of Sewerage at Siu Ho Wan Sewage Treatment Works
- Works item 7- Construction of PAK MONG Subway Extension and PAK MONG Channel Bridge
- Works item 8- Construction of Bridge C and Box Structure C1



STAGE PLAN OF CONSTRUCTION WORKS SCHEDULE

STAGE 6 Q3 2024 to Q4 2024

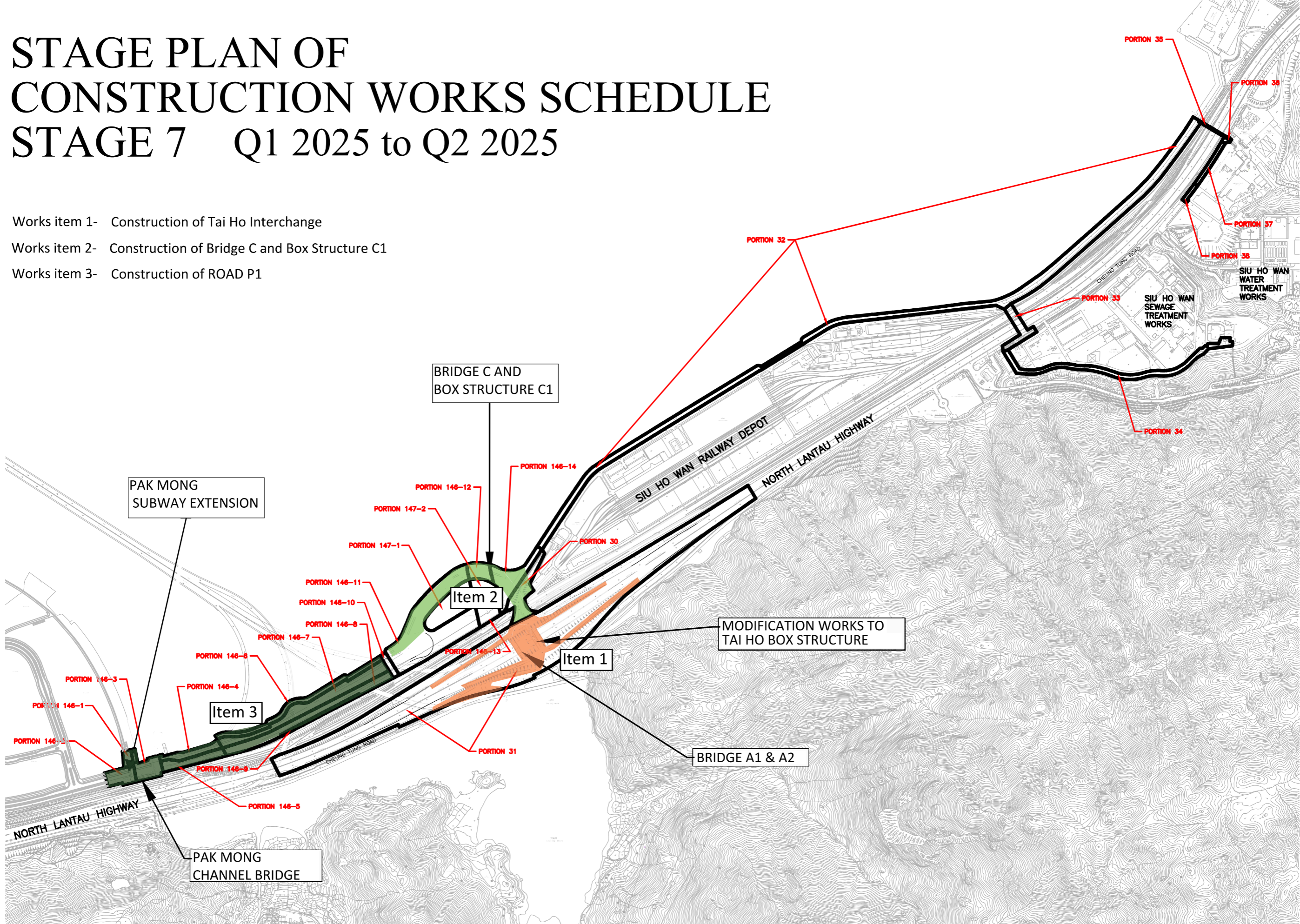
- Works item 1- Construction of Tai Ho Interchange
- Works item 2- Construction of Bridge C and Box Structure C1
- Works item 3- Construction of PAK MONG Channel Bridge
- Works item 4- Construction of ROAD P1



STAGE PLAN OF CONSTRUCTION WORKS SCHEDULE

STAGE 7 Q1 2025 to Q2 2025

- Works item 1- Construction of Tai Ho Interchange
- Works item 2- Construction of Bridge C and Box Structure C1
- Works item 3- Construction of ROAD P1



STAGE PLAN OF CONSTRUCTION WORKS SCHEDULE

STAGE 8 Q3 2025 to Q4 2025

- Works item 1- Construction of Tai Ho Interchange
- Works item 2- Construction of Bridge C and Box Structure C1
- Works item 3- Construction of ROAD P1

