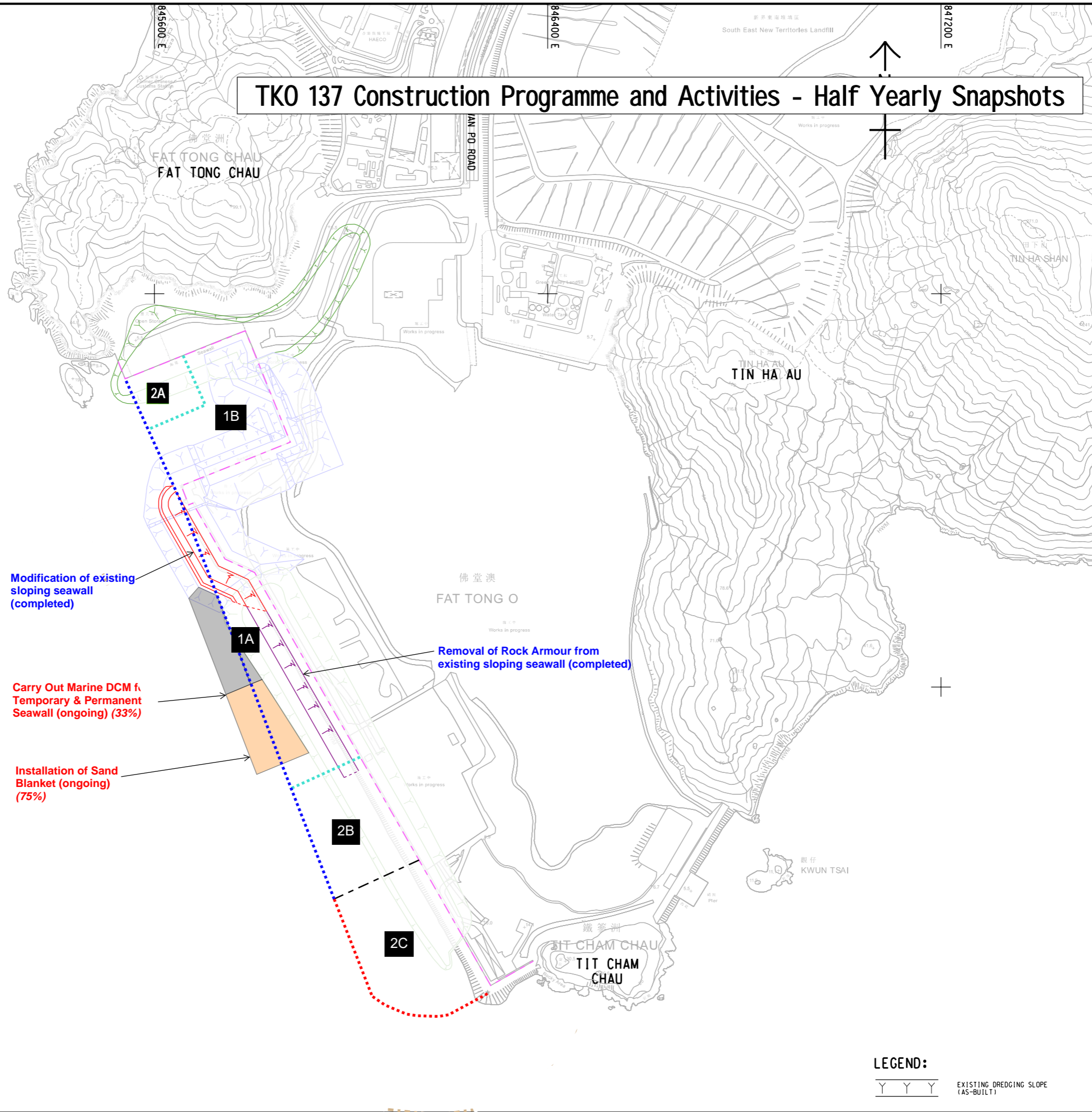


Appendix 5.1

Reclamation Sequences at TKO 137

**Year 1 - End of Q2
/ Beginning of Q3
(Modelling
Scenario A1 in
Table 5.21)**

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- ⋯⋯⋯ New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- ⋯⋯⋯ New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- ⋯⋯⋯ Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- - - Existing Seawall Cope Line
- - - Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

Modification of existing sloping seawall (completed)

Carry Out Marine DCM for Temporary & Permanent Seawall (ongoing) (33%)

Installation of Sand Blanket (ongoing) (75%)

Removal of Rock Armour from existing sloping seawall (completed)

LEGEND:

Y Y Y EXISTING DREDGING SLOPE (AS-BUILT)



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STATUS

SCALE DIMENSION UNIT

A1 1 : 4000 METRES

KEY PLAN

PROJECT NO. AGREEMENT NO.

60532175 CE 16/2016 (CE)

SHEET TITLE

PLAN OF EXISTING DREDGING SLOPE

SHEET NUMBER

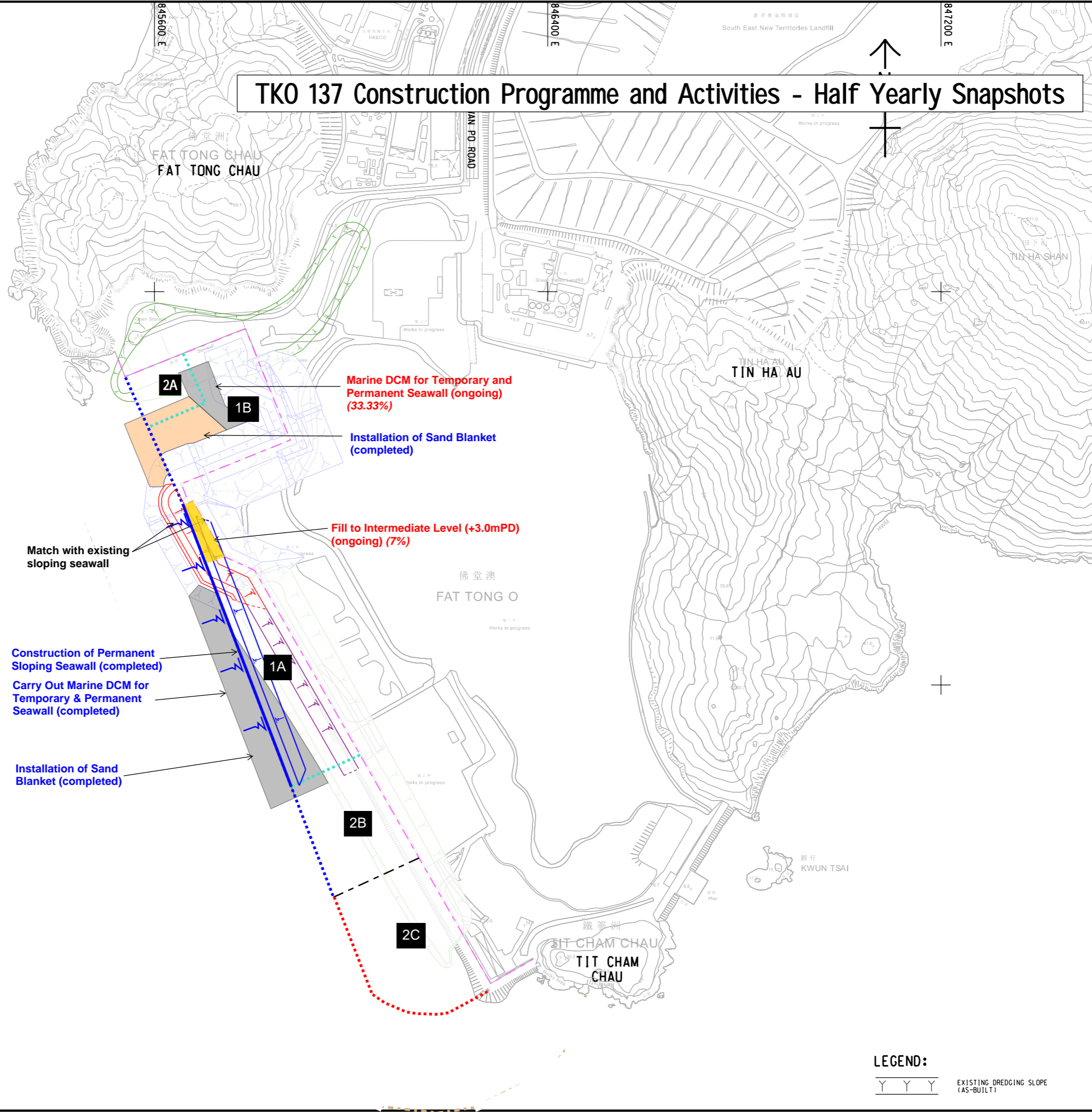
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ISO A1 594mm x 841mm
Approved:
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Designer:
Project Management Initials:
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815200 N
845600 E
846400 E
847200 E
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End of Year 1
 (Modelling
 Scenario A2 in
 Table 5.21)

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- ⋯⋯⋯ New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- ⋯⋯⋯ New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- ⋯⋯⋯ Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- - - Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

Marine DCM for Temporary and Permanent Seawall (ongoing) (33.33%)
Installation of Sand Blanket (completed)
Fill to Intermediate Level (+3.0mPD) (ongoing) (7%)

Construction of Permanent Sloping Seawall (completed)
Carry Out Marine DCM for Temporary & Permanent Seawall (completed)
Installation of Sand Blanket (completed)

Match with existing sloping seawall

LEGEND:

— EXISTING DREDGING SLOPE (AS-BUILT)

2B AECOM

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SCALE
 1:4000

DIMENSION UNIT
 METRES

KEY PLAN

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844800 E

845600 E

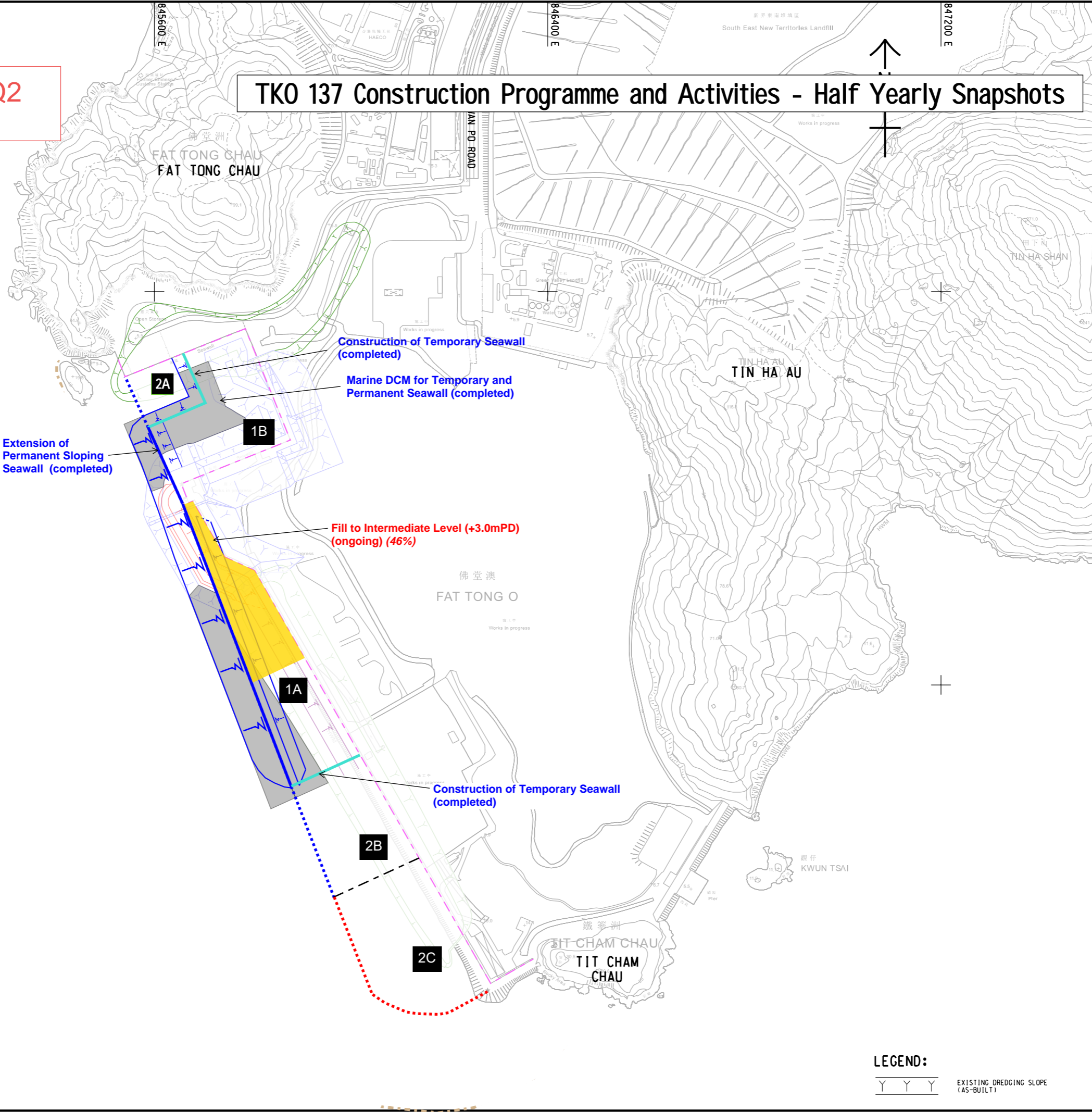
846400 E

847200 E

815200 N

Year 2 - End of Q2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- - - - Existing Seawall Cope Line
- - - - Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:
—— EXISTING DREDGING SLOPE (AS-BUILT)



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 METRES

KEY PLAN

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SHEET TITLE
 PLAN OF EXISTING DREDGING SLOPE

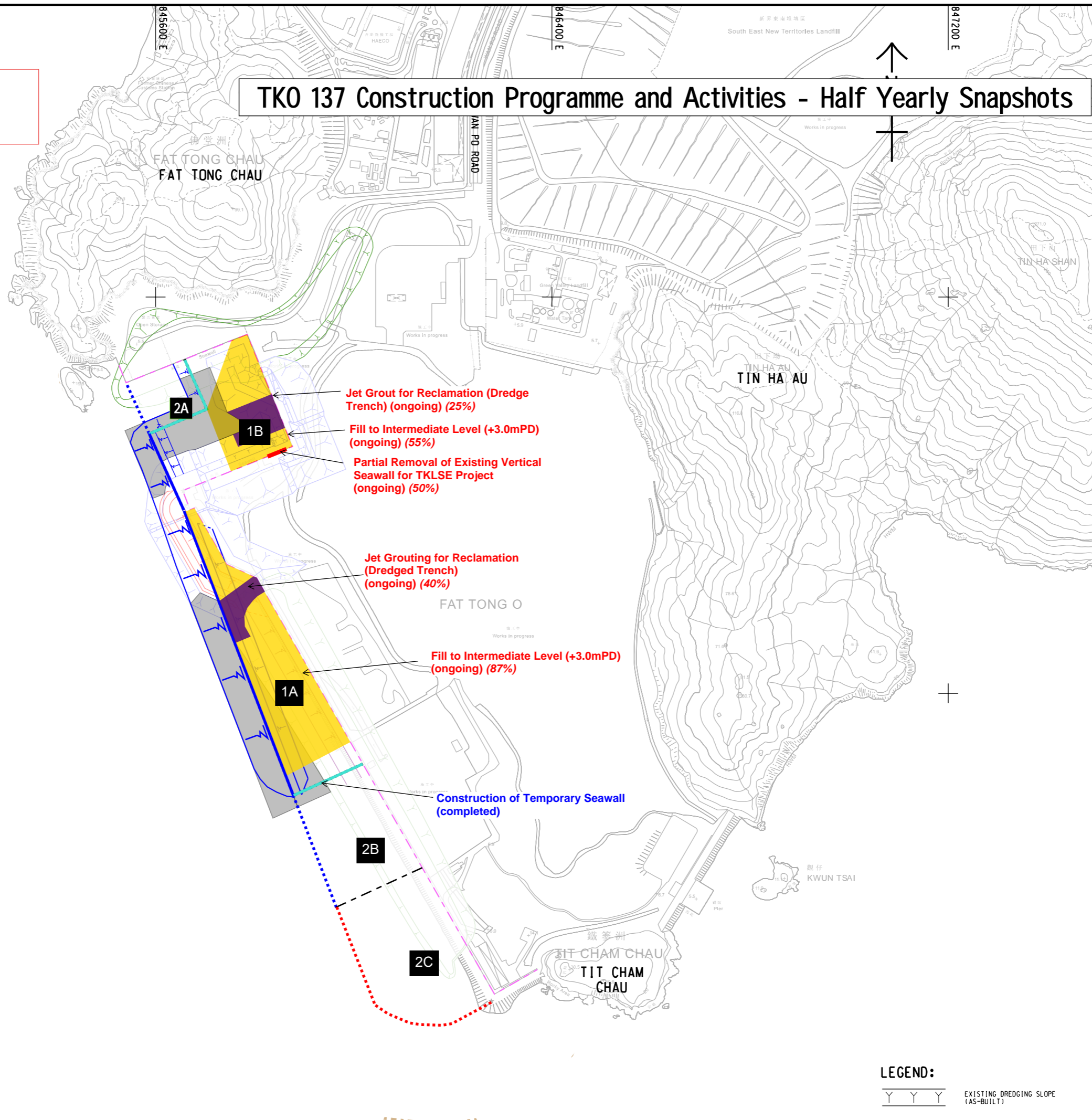
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End of Year 2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:

- Y Y Y EXISTING DREDGING SLOPE (AS-BUILT)



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 A1 1 : 4000 METRES

KEY PLAN

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SHEET TITLE
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SHEET NUMBER
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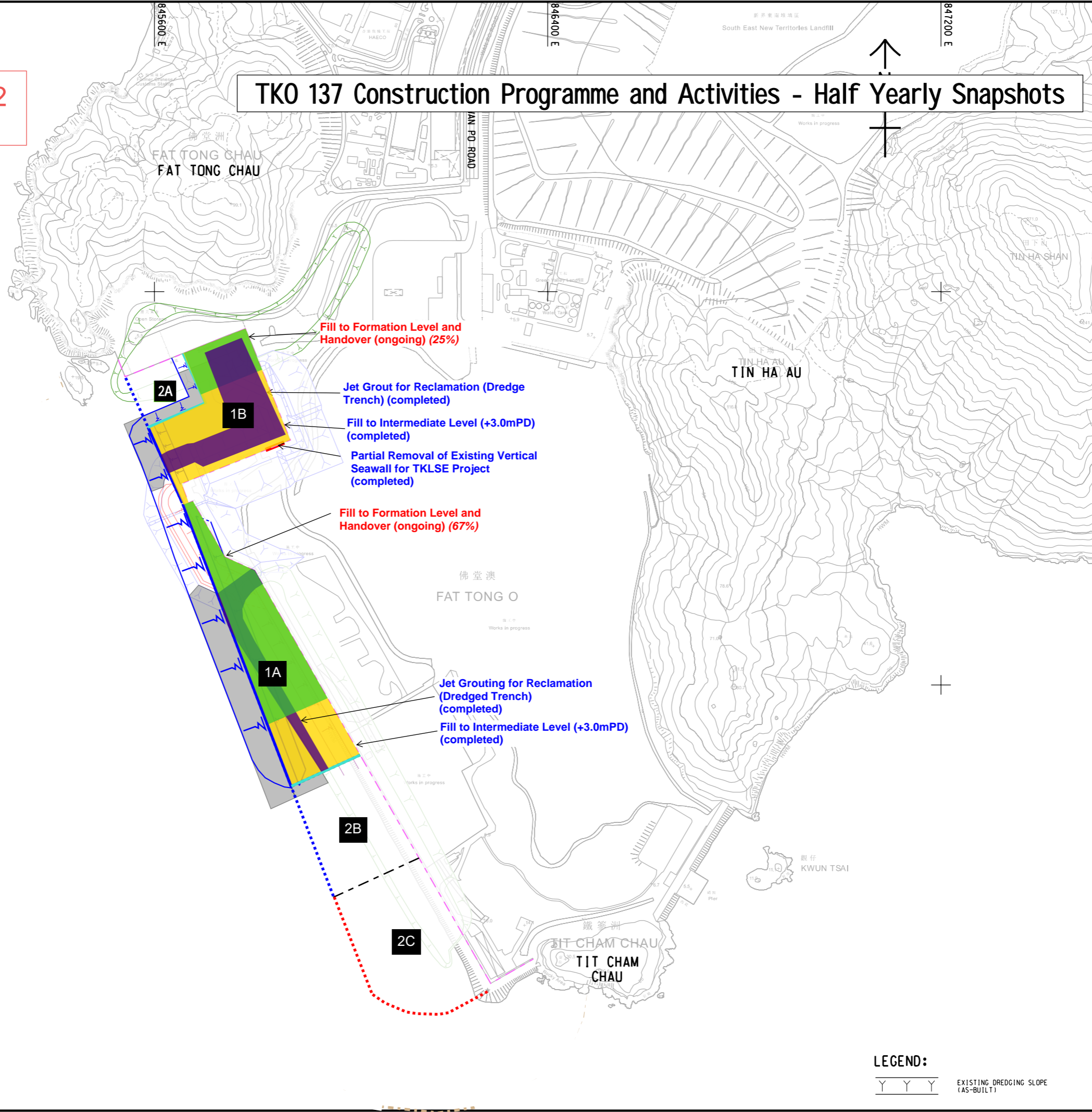
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Year 3 - End of Q2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:
 Y Y Y
 EXISTING DREDGING SLOPE (AS-BUILT)



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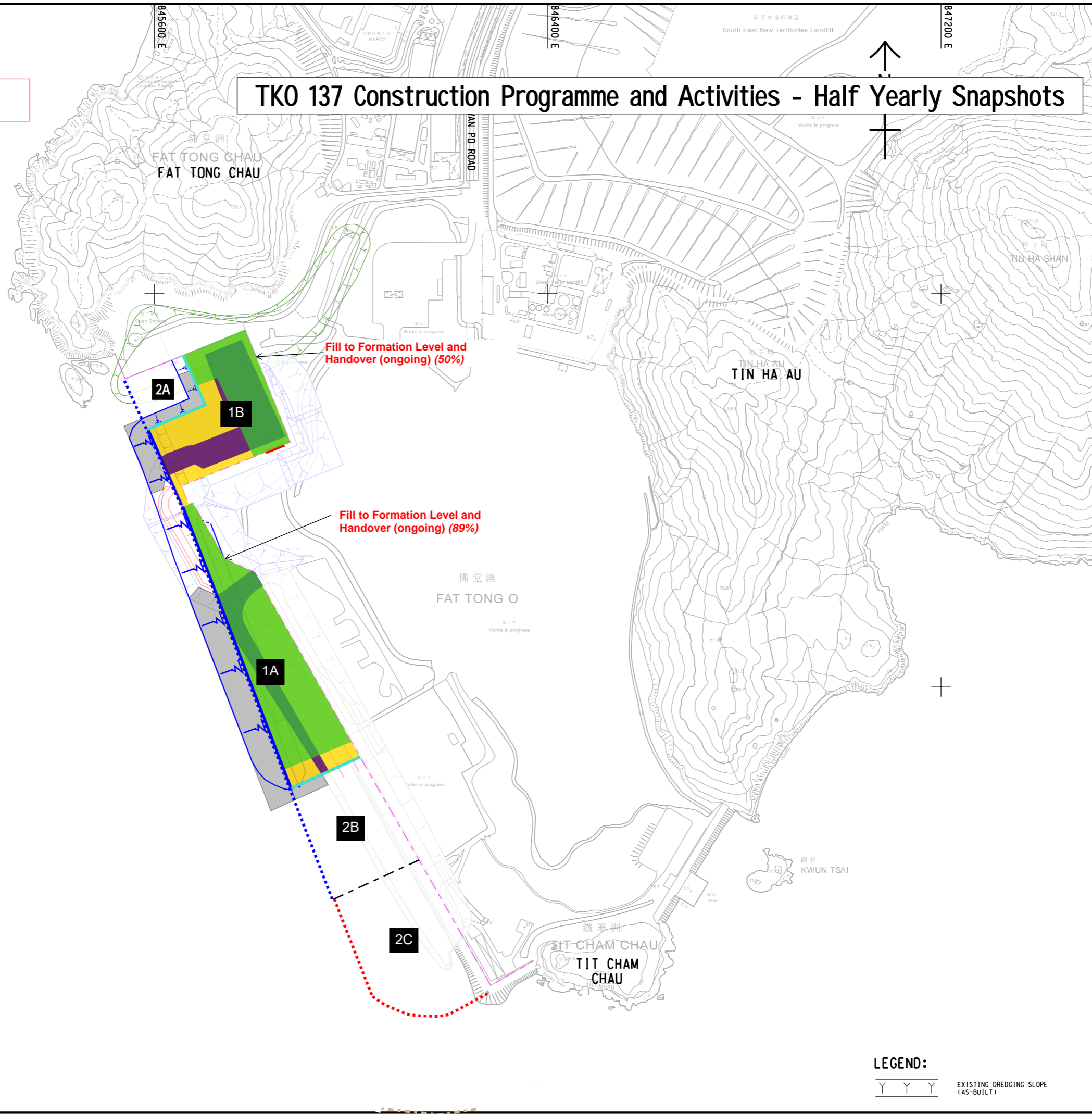
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End of Year 3

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



Fill to Formation Level and Handover (ongoing) (50%)

Fill to Formation Level and Handover (ongoing) (89%)

LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:

- Y Y Y EXISTING DREDGING SLOPE (AS-BUILT)



PROJECT
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A1 1 : 4000 METRES

KEY PLAN

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SHEET TITLE

PLAN OF EXISTING DREDGING SLOPE

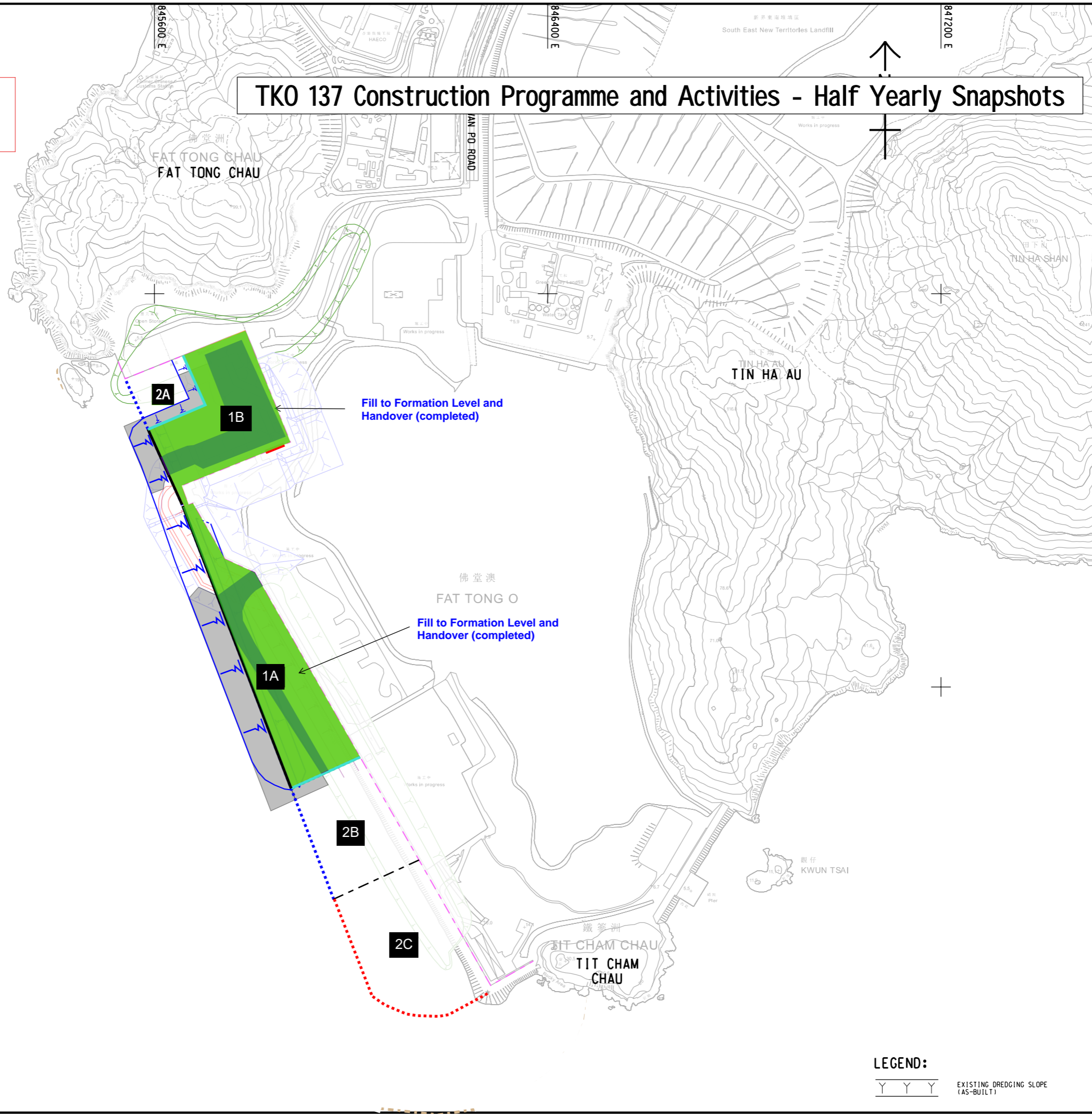
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Year 4 - End of Q2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- ⋯⋯⋯ New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- ⋯⋯⋯ New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- ⋯⋯⋯ Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- - - Existing Seawall Cope Line
- - - Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:
— EXISTING DREDGING SLOPE (AS-BUILT)

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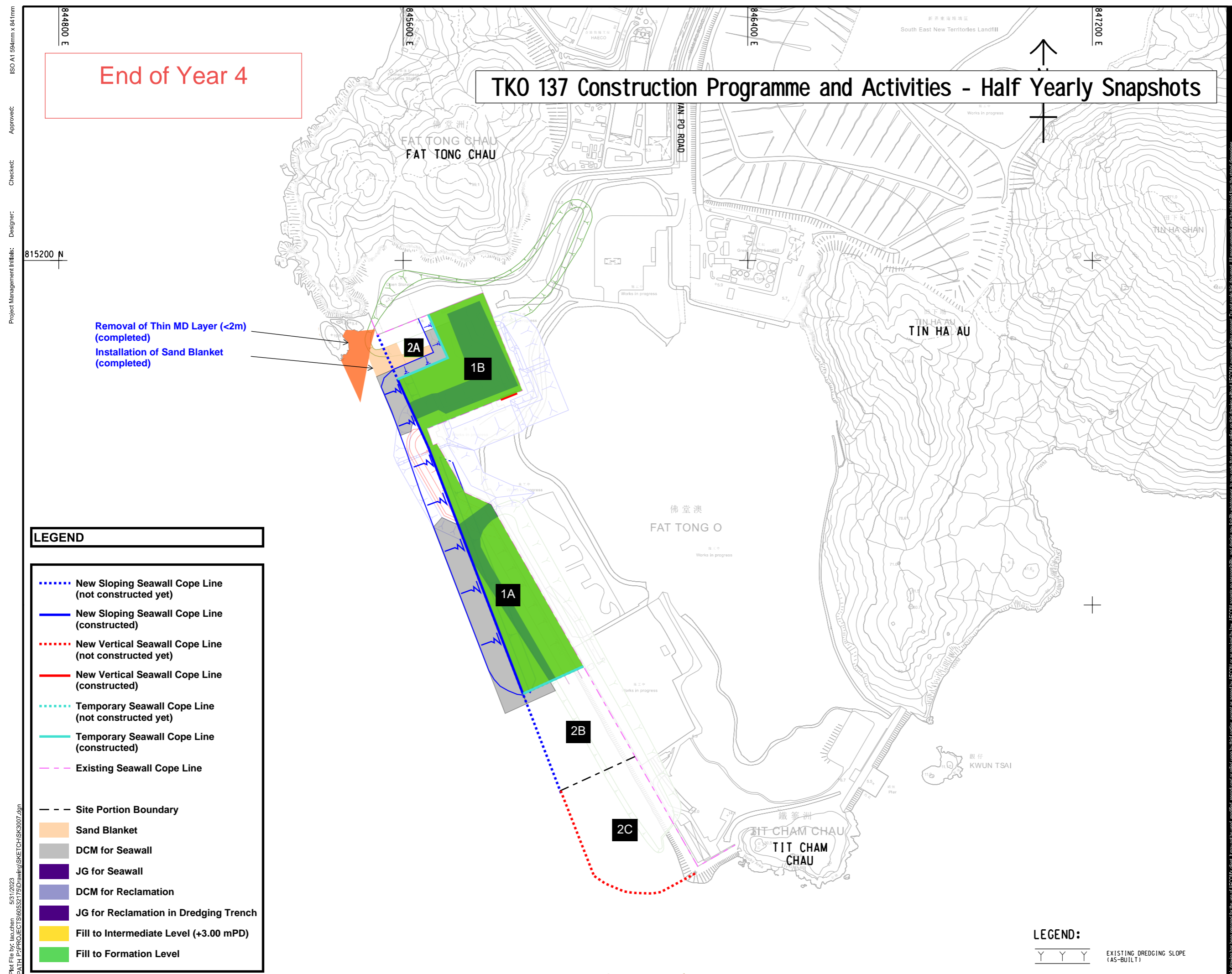
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End of Year 4



Removal of Thin MD Layer (<2m)
 (completed)
 Installation of Sand Blanket
 (completed)

LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:

- Y Y Y EXISTING DREDGING SLOPE (AS-BUILT)

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SCALE **DIMENSION UNIT**

A1 1 : 4000 METRES

KEY PLAN

PROJECT NO. **AGREEMENT NO.**

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SHEET TITLE

PLAN OF EXISTING
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 845600 E
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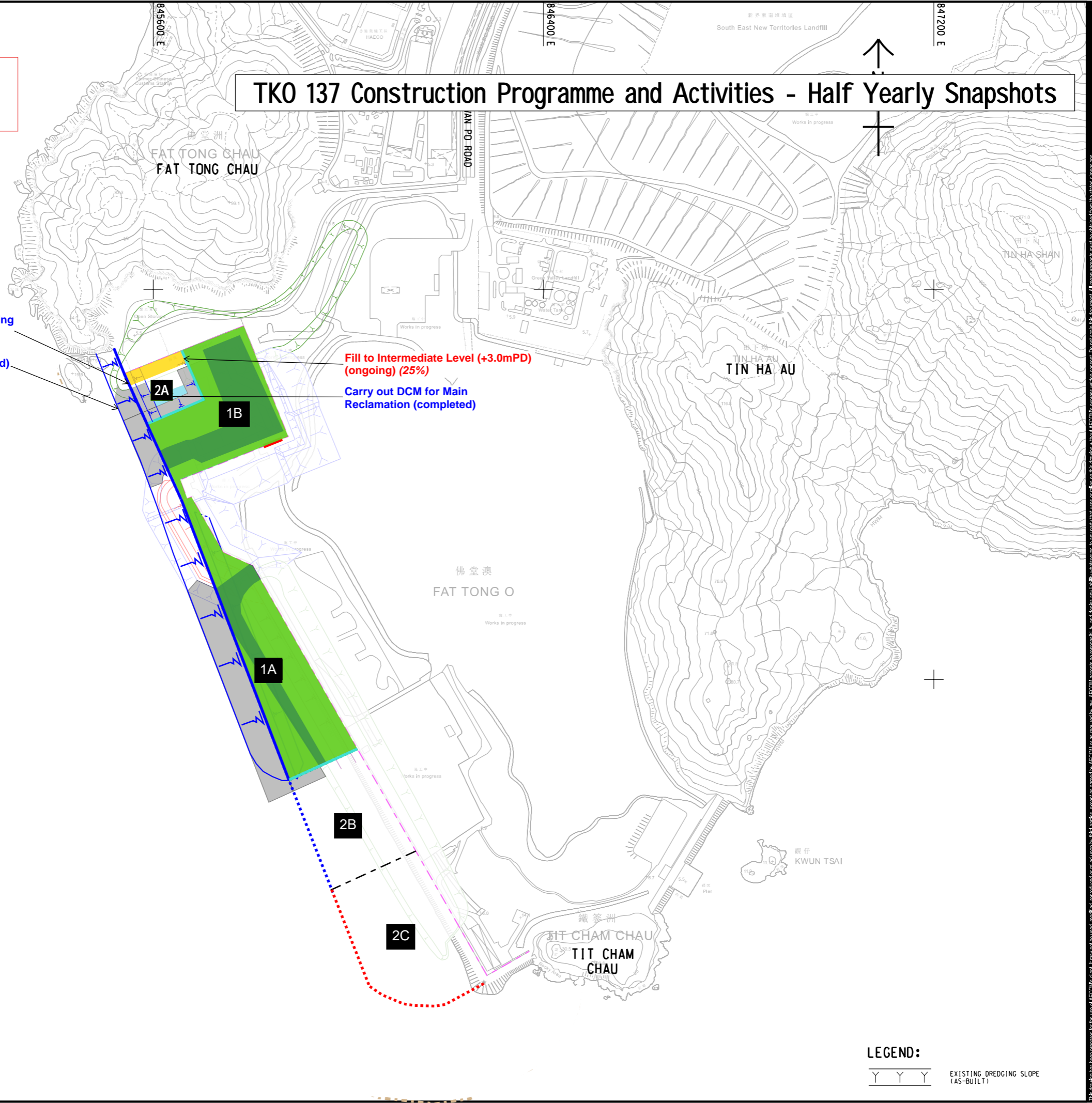
Year 5 - End of Q2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots

Extension of Permanent Sloping Seawall (completed)
Carry out Marine DCM for Permanent Seawall (completed)
Fill to Intermediate Level (+3.0mPD) (ongoing) (25%)
Carry out DCM for Main Reclamation (completed)

LEGEND

- ⋯⋯⋯ New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- ⋯⋯⋯ New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- ⋯⋯⋯ Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- - - Existing Seawall Cope Line
- - - Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level



LEGEND:
--- EXISTING DREDGING SLOPE (AS-BUILT)



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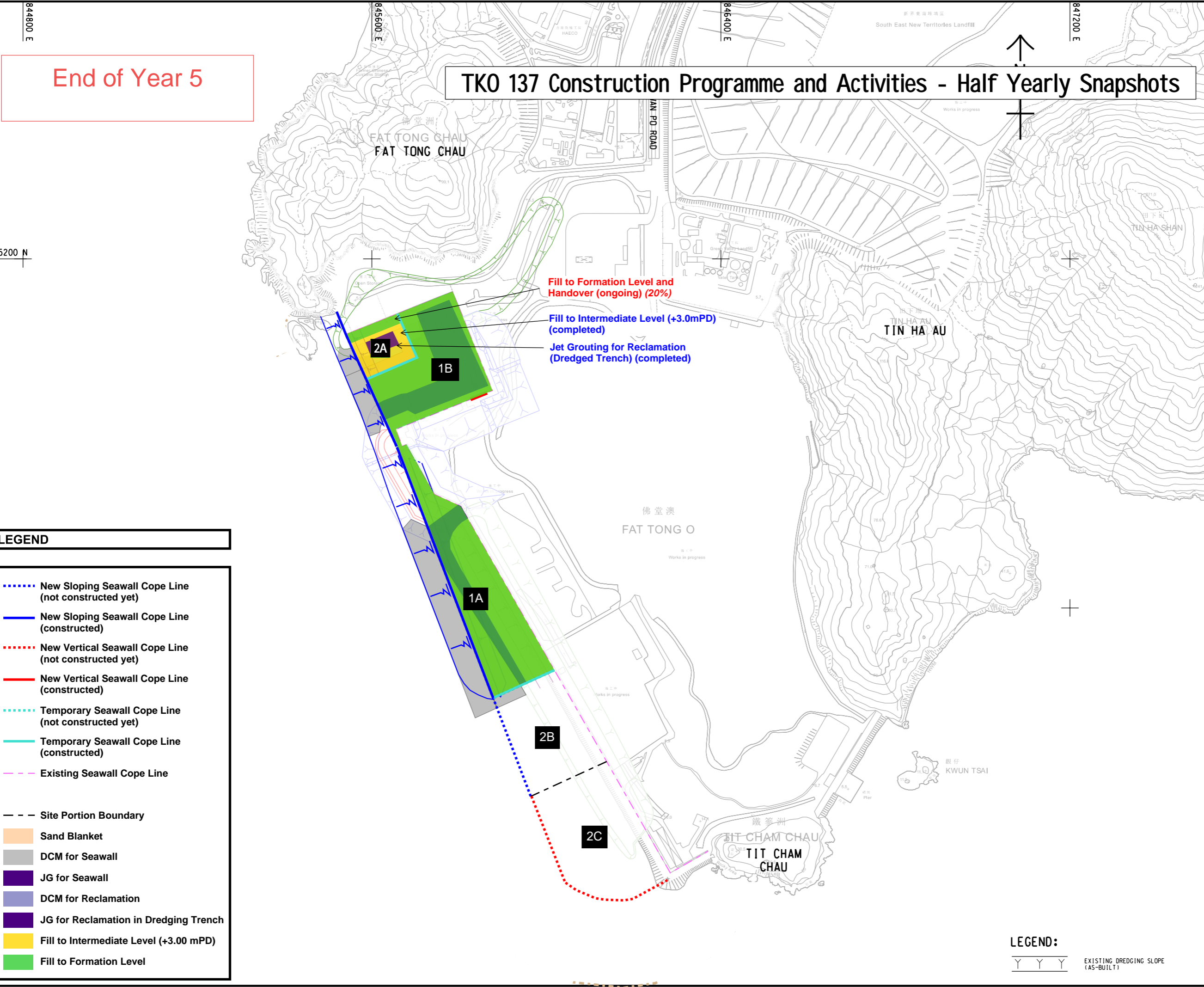
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SHEET TITLE
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End of Year 5

TKO 137 Construction Programme and Activities - Half Yearly Snapshots

- Fill to Formation Level and Handover (ongoing) (20%)
- Fill to Intermediate Level (+3.0mPD) (completed)
- Jet Grouting for Reclamation (Dredged Trench) (completed)

LEGEND

- ⋯ New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- ⋯ New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- ⋯ Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- - - Existing Seawall Cope Line
- - - Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:
— EXISTING DREDGING SLOPE (AS-BUILT)



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SCALE
 A1 1 : 4000
DIMENSION UNIT
 METRES

KEY PLAN

PROJECT NO.
 60532175
AGREEMENT NO.
 CE 16/2016 (CE)

SHEET TITLE
 PLAN OF EXISTING DREDGING SLOPE

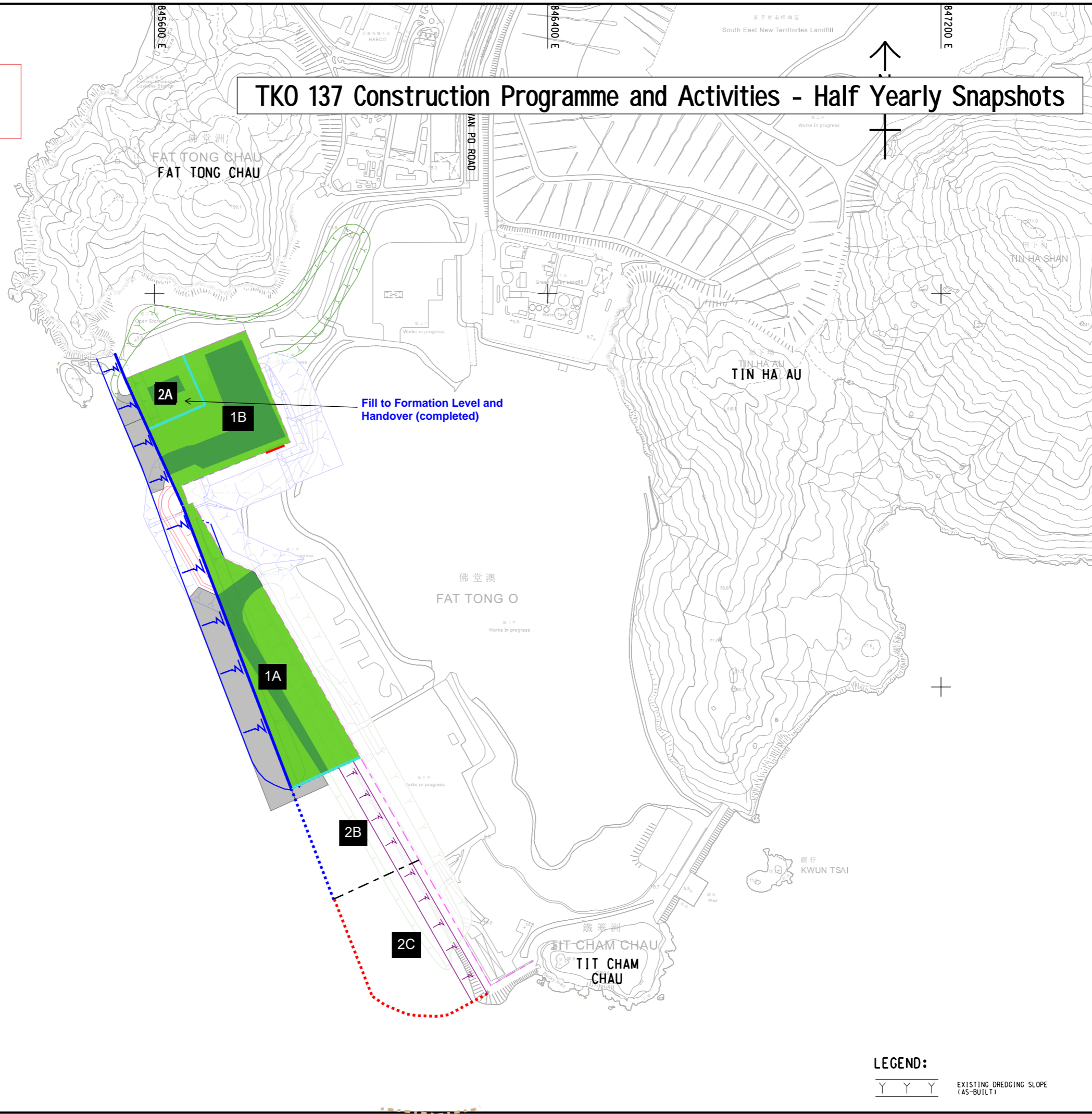
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Year 6 - End of Q2

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LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:
 EXISTING DREDGING SLOPE (AS-BUILT)



PROJECT
 PLANNING AND ENGINEERING STUDY FOR RE-PLANNING OF TSEUNG KWAN O AREA 137 - FEASIBILITY STUDY

CLIENT
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 Civil Engineering and Development Department
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SCALE
 A1 1 : 4000
DIMENSION UNIT
 METRES

KEY PLAN

PROJECT NO.
 60532175
AGREEMENT NO.
 CE 16/2016 (CE)

SHEET TITLE
 PLAN OF EXISTING DREDGING SLOPE

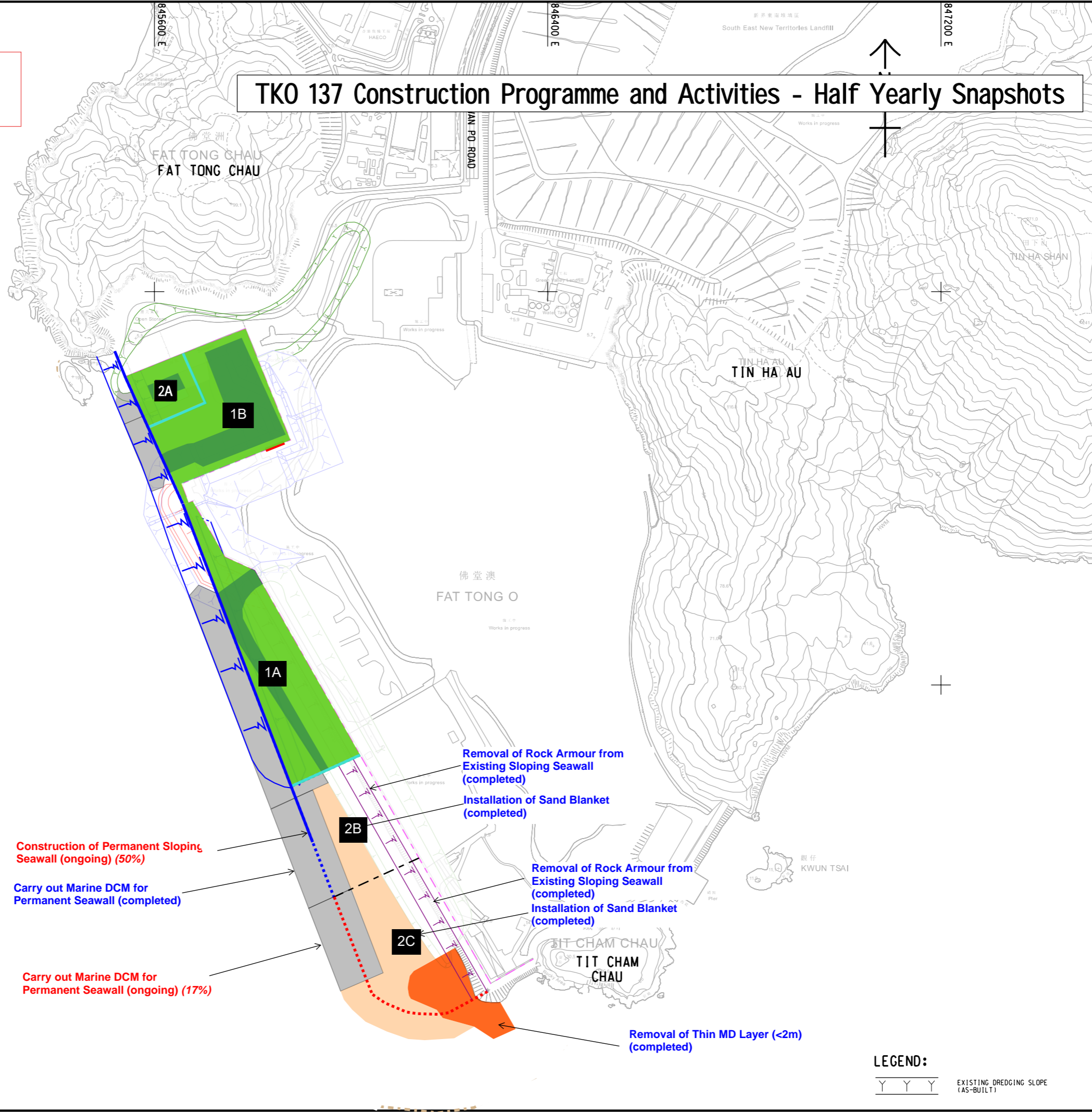
SHEET NUMBER
 60532175/SK3007

ISO A1 594mm x 841mm
 Approved:
 Checked:
 Designer:
 Project Management Initials: 815200 N
 844800 E
 845600 E
 846400 E
 847200 E
 Plot File by: tao.chen, 5/31/2023
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 Project Management Initials:

End of Year 6

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- ⋯⋯⋯ New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- ⋯⋯⋯ New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- ⋯⋯⋯ Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
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- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
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- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:

EXISTING DREDGING SLOPE (AS-BUILT)



PROJECT
 PLANNING AND ENGINEERING STUDY FOR RE-PLANNING OF TSEUNG KWAN O AREA 137 - FEASIBILITY STUDY

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STATUS

SCALE DIMENSION UNIT

A1 1 : 4000 METRES

KEY PLAN

PROJECT NO. AGREEMENT NO.

60532175 CE 16/2016 (CE)

SHEET TITLE

PLAN OF EXISTING DREDGING SLOPE

SHEET NUMBER

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 Designer:
 Project Management Initials:

844800 E

845600 E

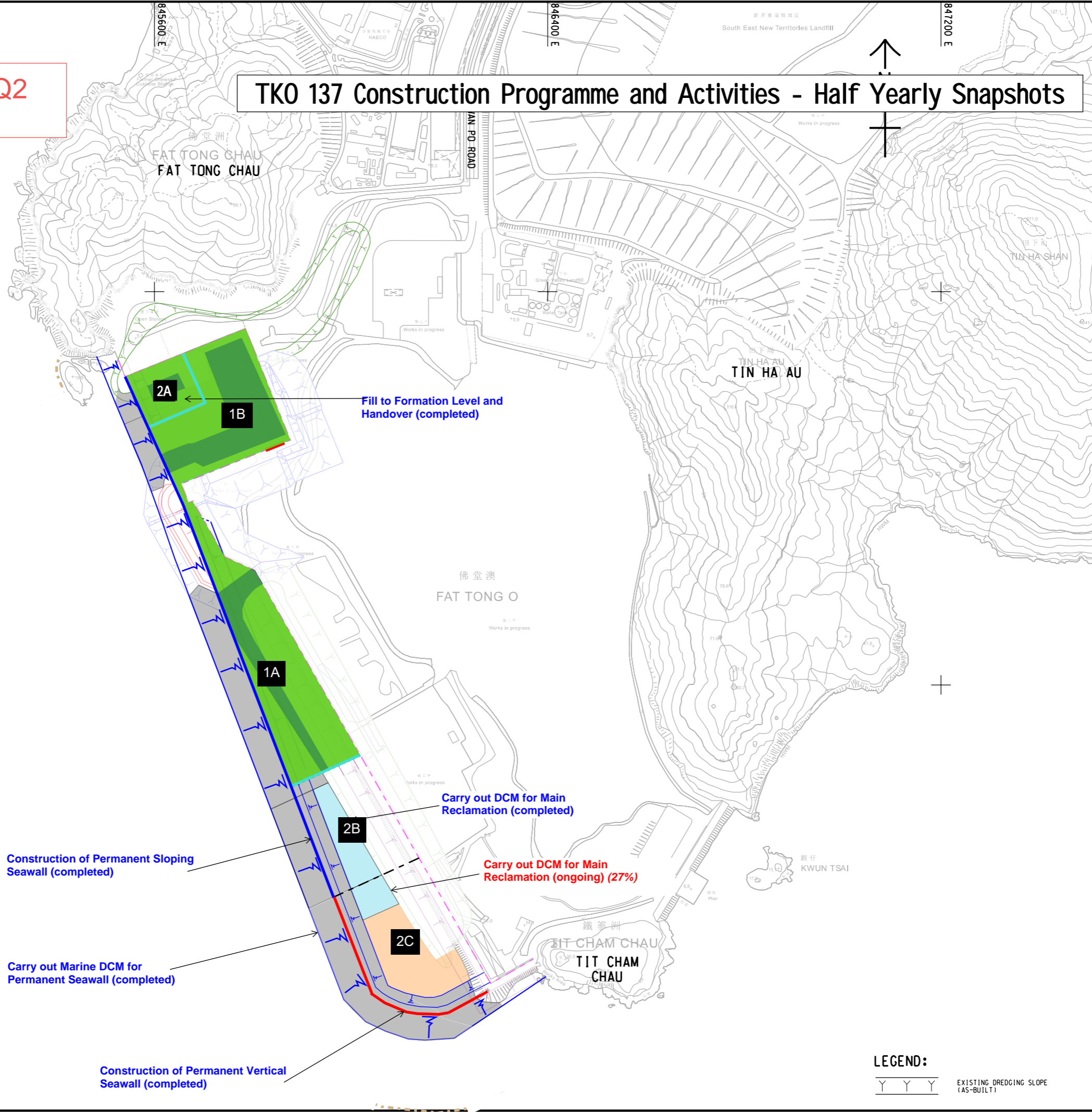
846400 E

847200 E

815200 N

Year 7 - End of Q2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

Construction of Permanent Sloping Seawall (completed)

Fill to Formation Level and Handover (completed)

Carry out DCM for Main Reclamation (completed)

Carry out DCM for Main Reclamation (ongoing) (27%)

Carry out Marine DCM for Permanent Seawall (completed)

Construction of Permanent Vertical Seawall (completed)

LEGEND:

Y Y Y EXISTING DREDGING SLOPE (AS-BUILT)



PROJECT
 PLANNING AND ENGINEERING STUDY FOR RE-PLANNING OF TSEUNG KWAN O AREA 137 - FEASIBILITY STUDY

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STATUS

NOT

SCALE **DIMENSION UNIT**
 1:4000 METRES

KEY PLAN

PROJECT NO. **AGREEMENT NO.**
 60532175 CE 16/2016 (CE)

SHEET TITLE
 PLAN OF EXISTING DREDGING SLOPE

SHEET NUMBER
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815200 N

844800 E

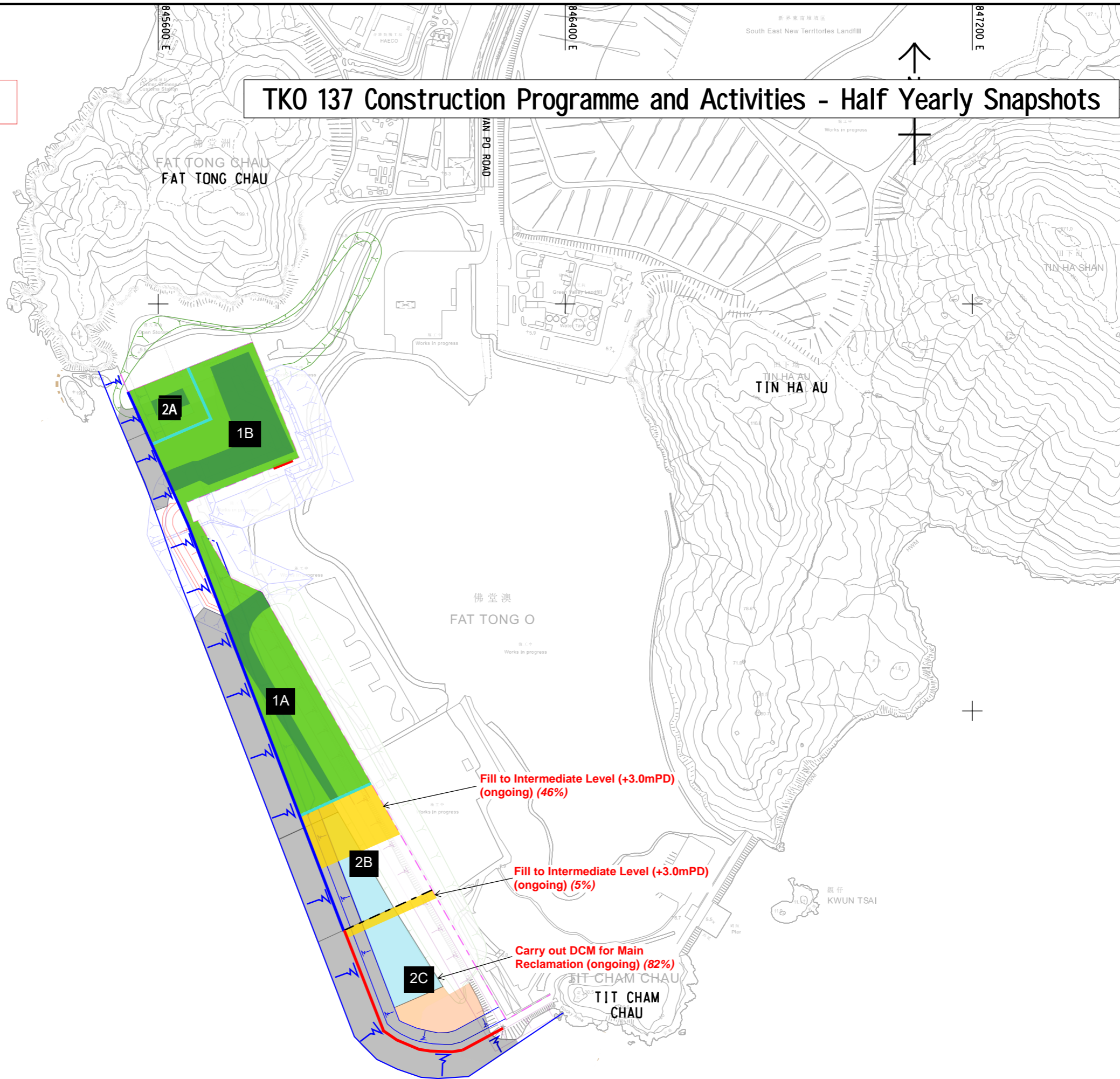
845600 E

846400 E

847200 E

End of Year 7

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

Fill to Intermediate Level (+3.0mPD) (ongoing) (46%)

Fill to Intermediate Level (+3.0mPD) (ongoing) (5%)

Carry out DCM for Main Reclamation (ongoing) (82%)

LEGEND:

- Y Y Y EXISTING DREDGING SLOPE (AS-BUILT)



PROJECT
 PLANNING AND ENGINEERING STUDY FOR RE-PLANNING OF TSEUNG KWAN O AREA 137 - FEASIBILITY STUDY

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STATUS

NOT

SCALE A1 1 : 4000
DIMENSION UNIT METRES

KEY PLAN

PROJECT NO. 60532175
AGREEMENT NO. CE 16/2016 (CE)

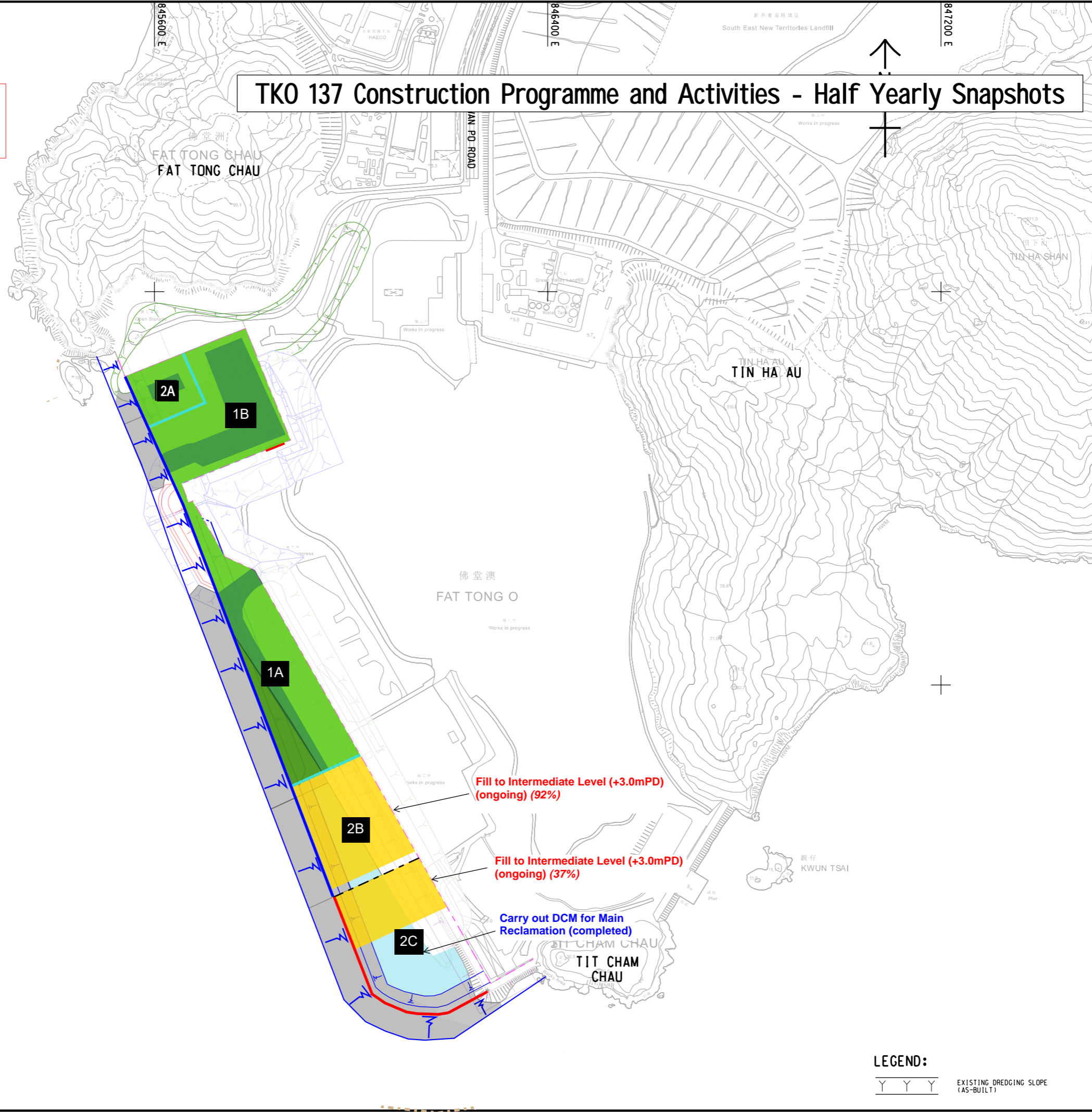
SHEET TITLE
 PLAN OF EXISTING DREDGING SLOPE

SHEET NUMBER
 60532175/SK3007

ISO A1 594mm x 841mm
 Approved:
 Checked:
 Designer:
 Project Management Initials:

Year 8 - End of Q2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:
 Y Y Y
 EXISTING DREDGING SLOPE (AS-BUILT)



PROJECT
 PLANNING AND ENGINEERING STUDY FOR RE-PLANNING OF TSEUNG KWAN O AREA 137 - FEASIBILITY STUDY

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STATUS

NOT

SCALE
 1:4000
DIMENSION UNIT
 METRES

KEY PLAN

NOT

PROJECT NO.
 60532175
AGREEMENT NO.
 CE 16/2016 (CE)

SHEET TITLE
 PLAN OF EXISTING DREDGING SLOPE

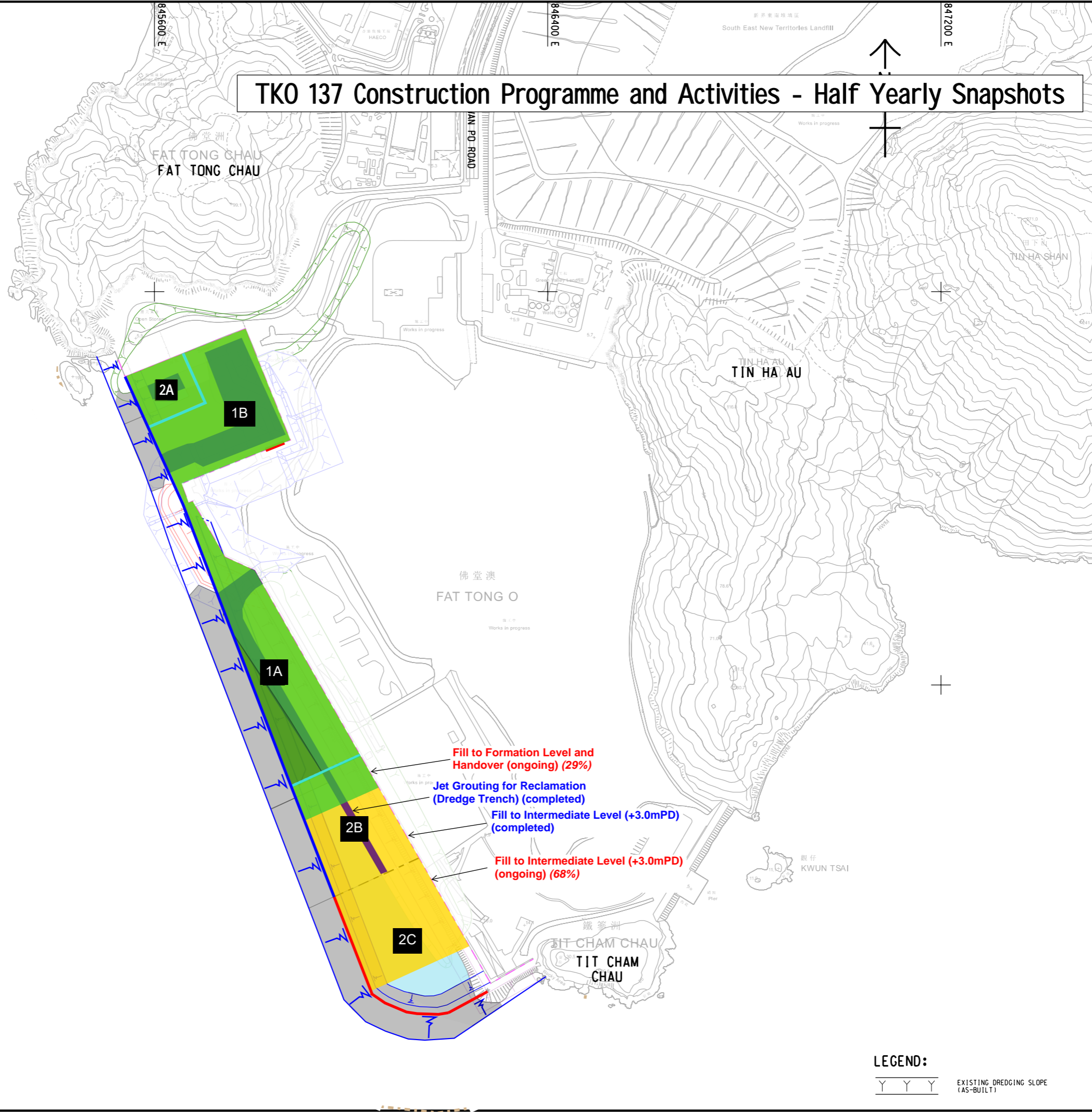
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 Plot File by: luo.chen

Year 9 - End of Q2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- ⋯⋯⋯ New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- ⋯⋯⋯ New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- ⋯⋯⋯ Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- - - Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:
 EXISTING DREDGING SLOPE (AS-BUILT)

AECOM

PROJECT
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STATUS

SCALE **DIMENSION UNIT**
 A1 1 : 4000 METRES

KEY PLAN

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| PROJECT NO. 60532175 | AGREEMENT NO. CE 16/2016 (CE) |
| SHEET TITLE PLAN OF EXISTING DREDGING SLOPE | |
| SHEET NUMBER 60532175/SK3007 | |

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 Approved:
 Checked:
 Designer:
 Project Management Initials:

844800 E

845600 E

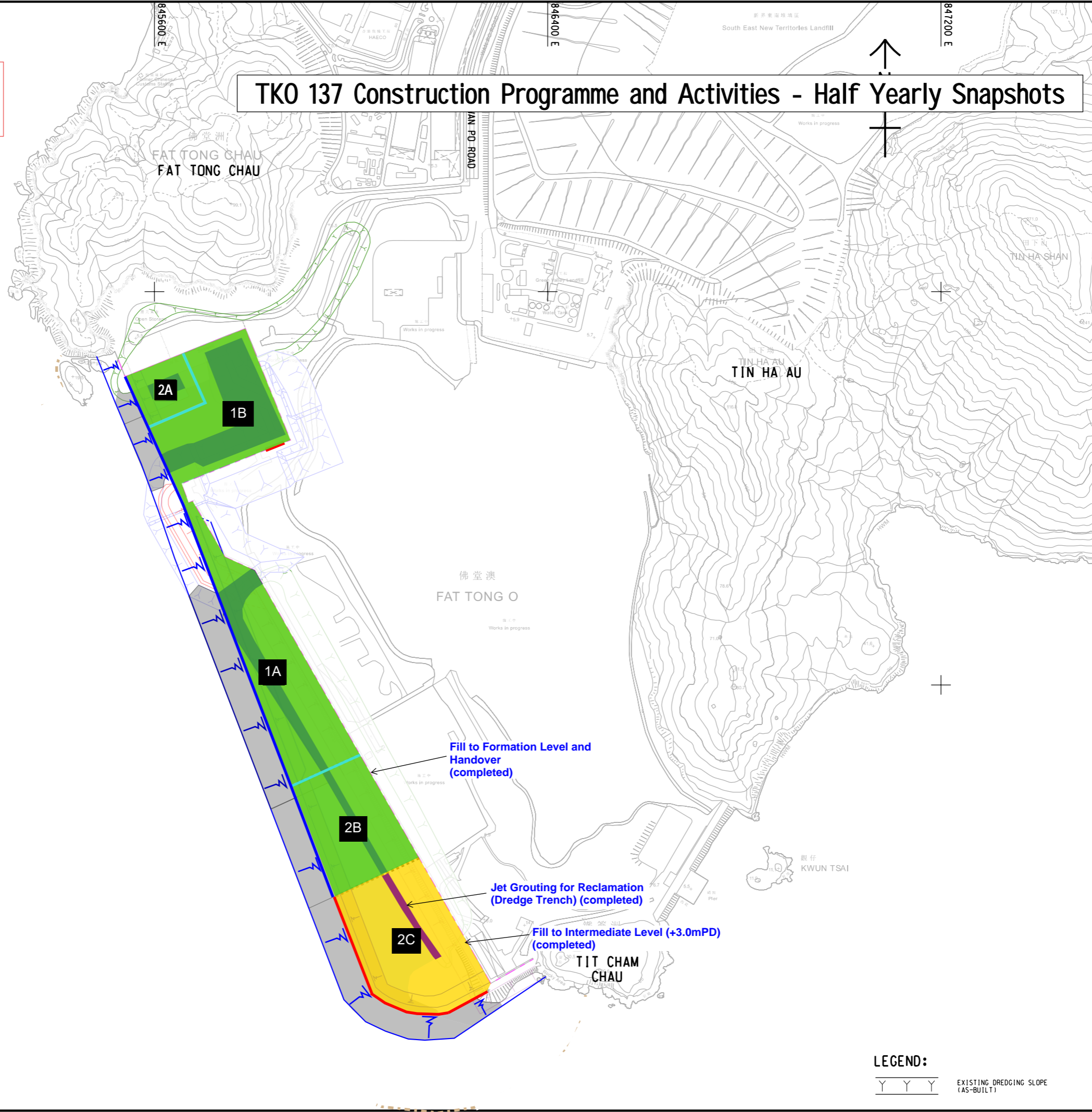
846400 E

847200 E

815200 N

Year 10 - End of Q2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- ⋯⋯⋯ New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- ⋯⋯⋯ New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- ⋯⋯⋯ Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
- - - Existing Seawall Cope Line
- Site Portion Boundary
- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.0m mPD)
- Fill to Formation Level

LEGEND:
 Y
 Y
 Y
 EXISTING DREDGING SLOPE (AS-BUILT)



PROJECT
 PLANNING AND ENGINEERING STUDY FOR RE-PLANNING OF TSEUNG KWAN O AREA 137 - FEASIBILITY STUDY

CLIENT
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SCALE
 1:4000
DIMENSION UNIT
 METRES

KEY PLAN

PROJECT NO.
 60532175
AGREEMENT NO.
 CE 16/2016 (CE)

SHEET TITLE
 PLAN OF EXISTING DREDGING SLOPE

SHEET NUMBER
 60532175/SK3007

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A1 1 : 4000

METRES

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60532175

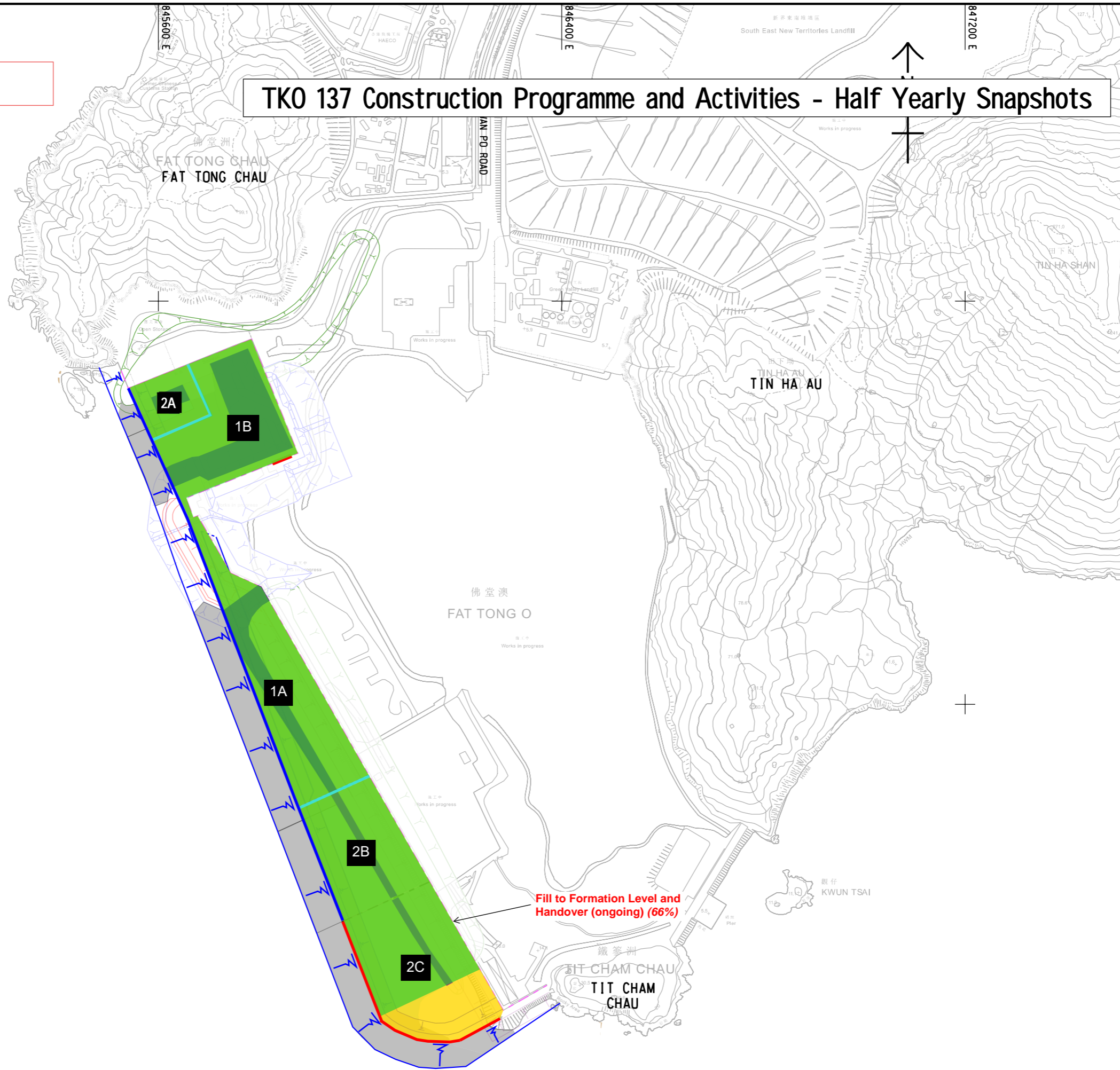
CE 16/2016 (CE)

PLAN OF EXISTING
DREDGING SLOPE

60532175/SK3007

End of Year 10

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
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- DCM for Seawall
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- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

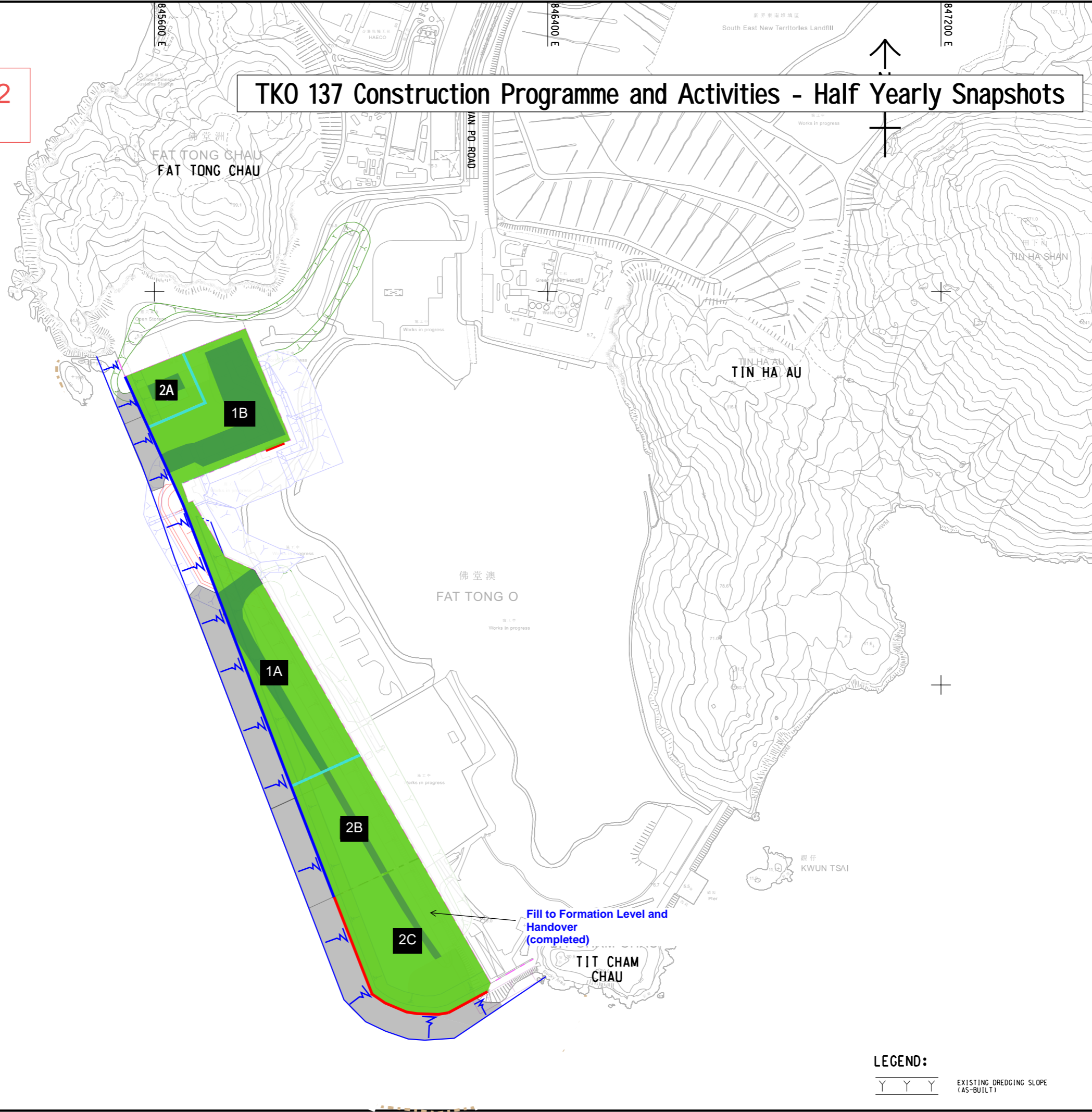
LEGEND:

- Y Y Y EXISTING DREDGING SLOPE (AS-BUILT)

ISO A1 594mm x 841mm
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 Project Management Initials:
 5/31/2023
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Year 11 - End of Q2

TKO 137 Construction Programme and Activities - Half Yearly Snapshots



ACTIVITIES

Full-Tone: Ongoing Activities Half-Tone: Completed Activities

TKO 137 (Phase 4)

Fill to Formation Level and Handover (completed)

LEGEND

- New Sloping Seawall Cope Line (not constructed yet)
- New Sloping Seawall Cope Line (constructed)
- New Vertical Seawall Cope Line (not constructed yet)
- New Vertical Seawall Cope Line (constructed)
- Temporary Seawall Cope Line (not constructed yet)
- Temporary Seawall Cope Line (constructed)
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- Sand Blanket
- DCM for Seawall
- JG for Seawall
- DCM for Reclamation
- JG for Reclamation in Dredging Trench
- Fill to Intermediate Level (+3.00 mPD)
- Fill to Formation Level

LEGEND:

Y Y Y EXISTING DREDGING SLOPE (AS-BUILT)



PROJECT

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STATUS

SCALE DIMENSION UNIT

A1 1 : 4000 METRES

KEY PLAN

PROJECT NO. AGREEMENT NO.

60532175 CE 16/2016 (CE)

SHEET TITLE

PLAN OF EXISTING DREDGING SLOPE

SHEET NUMBER

60532175/SK3007

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