

Aurecon Hong Kong Limited
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F +852 3664 6999
E hongkong@aurecongroup.com
W aurecongroup.com



Your ref:
Our ref: P527789-L-20260424-0079
Date: 24 April 2026

AECOM Asia Company Limited
8/F Grand Central Plaza Tower 2
138 Shatin Rural Committee Road
Shatin, New Territories, Hong Kong

By Email

Attn.: Mr. Patrick Pak

Dear Mr. Pak,

Contract No. NDO 05/2024
Environmental Team for EM&A Works for Remaining Phase Development of
Kwu Tung North and Fanling North New Development Areas

Contract No. ND/2024/05
Kwu Tung North New Development Area, Remaining Phase:
Improvement Works of Fanling Highway (Pak Shek Au Portion) and Associated Works
(Location Plans)

Reference is made to the submission of Location Plans prepared by and received from the Contractor for the captioned works contract on 23 April 2026 pursuant to Condition 2.5 of EP-467/2013/A.

We write to certify that we have no adverse comments on the captioned submission in accordance with Condition 1.9 of EP-467/2013/A.

Should you require any further information or clarification, please do not hesitate to contact the undersigned on 3664 6788.

Yours sincerely,

A handwritten signature in black ink, appearing to be "Keith Chau", with a horizontal line extending to the right.

Keith Chau
Environmental Team Leader
Aurecon Hong Kong Limited

c.c.
CEDD
Mott MacDonald
Lanon-Sinohydro-Excel JV

(Attn.: Mr. Eric KWAN)
(Attn.: Mr. Thomas CHAN)
(Attn.: Mr. Jim KWAI)

By Email (w/o)
By Email (w/o)
By Email (w/o)



AECOM
8F, Tower 2, Grand Central Plaza
138 Shatin Rural Committee Road
Shatin, N.T. Hong Kong

Attention: Mr. Patrick PAK / Mr. Gilbert LAM

Your Reference

Our Reference
EC/TC/KI/601100430/L114

Mott MacDonald
3/F Manulife Place
348 Kwun Tong Road
Kowloon
Hong Kong

T +852 2828 5757
F +852 2827 1823
mottmac.hk

Agreement No. CE 81/2023 (EP)

Independent Environmental Checker for Environmental Monitoring and Audit Works in Construction Phase for the Remaining Phase Development of Kwu Tung North and Fanling North New Development Area – Investigation

Contract No. ND/2024/05 Kwu Tung North New Development Area, Remaining Phase: Improvement Works of Fanling Highways (Pak Shek Au Portion) and Associated Works

**Environmental Permit No. EP-467/2013/A:
Submission of Location Plans (Condition 2.5)**

24 April 2026

BY EMAIL

Dear Sir,

Reference is made to the Contractor's (Lanon – Sinohydro – Excel Joint Venture) submission of the Location Plans (EP Condition 2.5) of the captioned Contract (ND/2024/05) dated 23 April 2026 in accordance with the Environmental Permit (No. EP-467/2013/A) certified by the ET Leader on 24 April 2026.

We would like to inform you that we have no adverse comment on the captioned submission. Therefore we write to verify the captioned submission in accordance with the requirement stipulated in Condition 1.9 and 2.5 of EP-467/2013/A.

Should you have any queries, please contact the undersigned at 2828 5967.

Yours faithfully,
For and on behalf of the
Mott MacDonald Hong Kong Limited

Ir Thomas Chan
Independent Environmental Checker
T +852 2828 5967
Thomas.Chan@mottmac.com

c.c.

CEDD

Aurecon

Lanon-Sinohydro-Excel Joint Venture

Mr. Bruce LEE

Mr. Eric KWAN

Mr. Keith Chau

Mr. Ray Yan

Mr. Ringo Wong

kylee@cedd.gov.hk

mkkwan@cedd.gov.hk

Keith.Chau@aurecongroup.com

Ray.Yan@aurecongroup.com

ringowong@lanon.hk

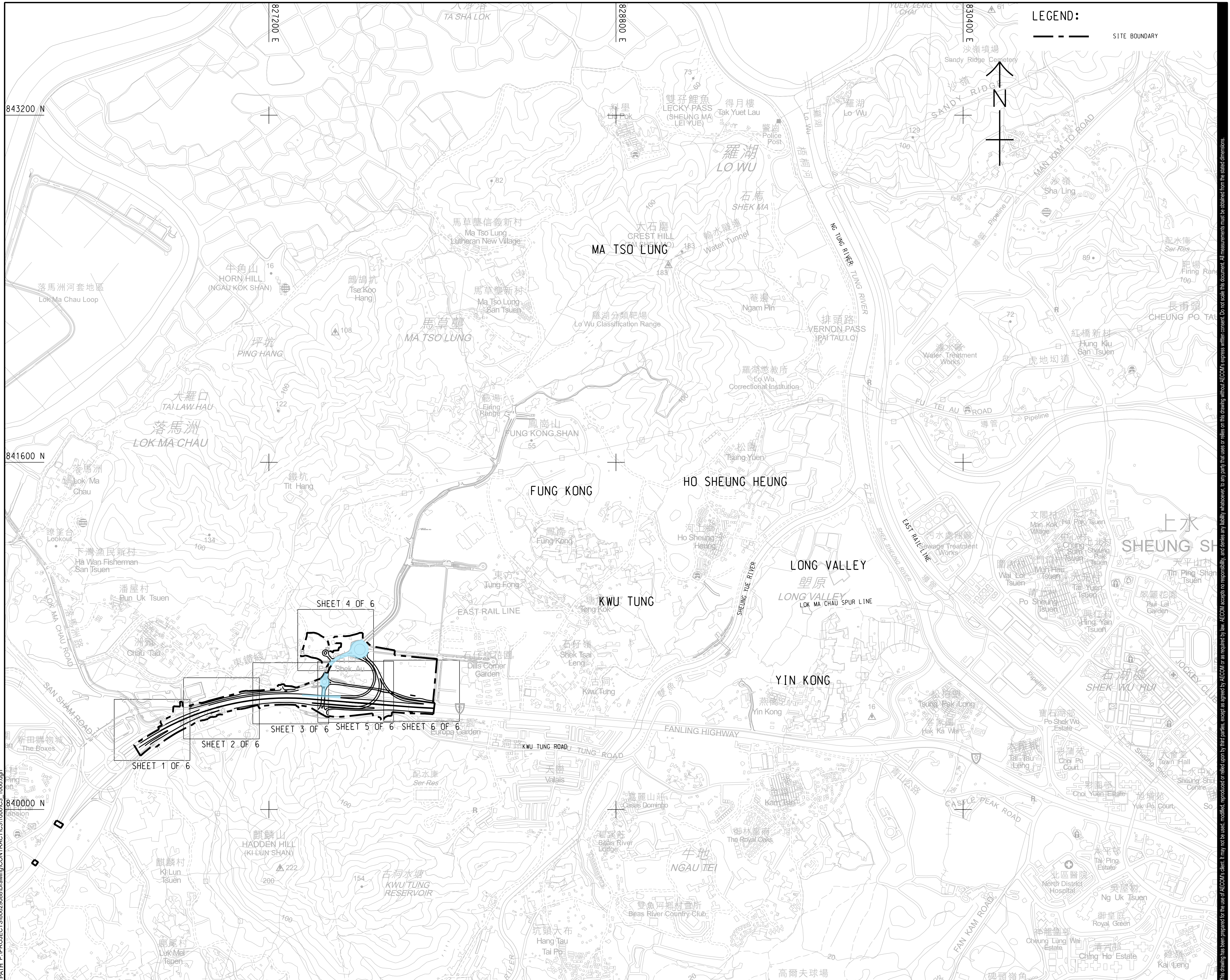
Condition 2.5 of Environmental Permit (Permit No. EP-467/2013/A)

Submission of Location Plans (Rev.6)

Table of Summary for Submission

Requirements of Condition 2.5	EP required detail	Layout Details			
		Detail	Scale	Reference No.	Remark
1. Scale of 1:1000 or other appropriate scale as agreed with the Director	Work Boundaries & Works Areas	Whole Works Areas	A1 1:8000	60629088/C3/1000	Scale not in 1:1000 For indication of following layout location
		General Layout Plan Sheet 1	A1 1:500	60629088/C3/1001A	
		General Layout Plan Sheet 2	A1 1:500	60629088/C3/1002	
		General Layout Plan Sheet 3	A1 1:500	60629088/C3/1003A	
		General Layout Plan Sheet 4	A1 1:500	60629088/C3/1004B	
		General Layout Plan Sheet 5	A1 1:500	60629088/C3/1005B	
		General Layout Plan Sheet 6	A1 1:500	60629088/C3/1006B	
2. The details of the works boundaries, works areas, vertical and horizontal alignments of the roads and any other major facilities	Vertical and horizontal alignments of the roads	Pak Shek Au Bridge (Horizontal & Vertical)	A1 1:200	60629088/C3/2011B	Scale not in 1:1000 For indication of Bridge Location
		Pak Shek Au Bridge Pier Section	A1 1:50	60629088/C3/2022	Scale not in 1:1000 For indication of Pier Section
3. The locations of key environmental mitigation measures	Permanent Noise Barriers for Traffic noise mitigation	General Layout Plan	A1 1:4000	60629088/C3/6011	Scale not in 1:1000 For indication of following layout location
		Noise Barrier Layout Plan 1 of 3	A1 1:1000	60629088/C3/6012	
		Noise Barrier Layout Plan 2 of 3	A1 1:1000	60629088/C3/6013	
		Noise Barrier Layout Plan 3 of 3	A1 1:1000	60629088/C3/6014	
4. Measures to Mitigate Ecological Impacts	2m High Dull Green Barrier Fence	Proposed Hoarding Layout Plan	A1 1:500	60629088/C3/1003A	Scale not in 1:1000 For indication of following layout location
		Proposed Hoarding Layout Plan	A1 1:500	60629088/C3/1004B	
		Proposed Hoarding Layout Plan	A1 1:500	60629088/C3/1005B	
		Proposed Hoarding Layout Plan	A1 1:500	60629088/C3/1006B	
	Proposed Barrier Setup	Appendix A	-	-	Restriction for 2m dull green barrier in certain areas including road safety, technical constraints and barrier stability with justification provided

1. Work Boundaries & Works Areas



PROJECT

IMPROVEMENT OF TAI TAU LENG ROUNDBOUT AND FANLING HIGHWAY (KWU TUNG SECTION) - DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

CLIENT



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SUB-CONSULTANTS

LEGEND :

- Works Area under DP3
Environmental Permit No.
EP-467/2013/A

ISSUE/REVISION

-	SEP.24	TENDER DRAWING	RPCM 
I/R 修訂	DATE 日期	DESCRIPTION 内容摘要	CHK. 複核

STATUS

階段

SCALE

比例

A1 1 : 8000

DIMENSION UNIT

尺寸單位

METRES

KEY PLAN

索引

PROJECT NO.

項目編號

60629088

SHEET TITLE
003 Conf. A- 402

圖說名稱

KEY PLAN

SHEET NUMBER

圖紙編號

60629088/C3/1000

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Project Management Initials: Designer: JLCT Checked: RPCM Approved: WHL

ISO A1 594mm x 841mm

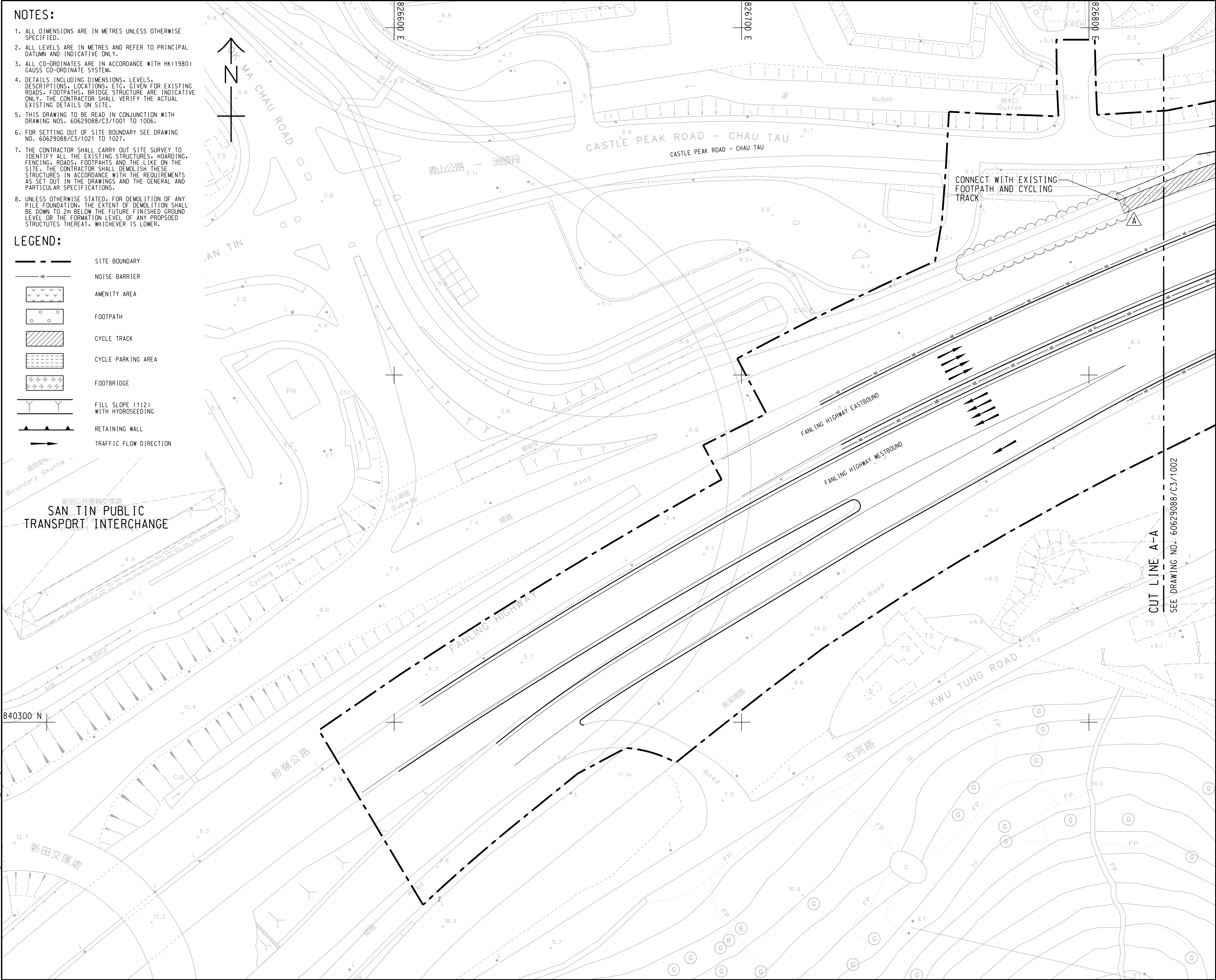
NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED.
- ALL LEVELS ARE IN METRES AND REFER TO PRINCIPAL DATUM AND INDICATIVE ONLY.
- ALL CO-ORDINATES ARE IN ACCORDANCE WITH HK(1980) GAUSS CO-ORDINATE SYSTEM.
- DETAILS INCLUDING DIMENSIONS, LEVELS, DESCRIPTIONS, LOCATIONS, ETC, GIVEN FOR EXISTING ROADS, FOOTPATHS, BRIDGE STRUCTURE ARE INDICATIVE ONLY. THE CONTRACTOR SHALL VERIFY THE ACTUAL EXISTING DETAILS ON SITE.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/1001 TO 1006.
- FOR SETTING OUT OF SITE BOUNDARY SEE DRAWING NO. 60629088/C3/1021 TO 1027.
- THE CONTRACTOR SHALL CARRY OUT SITE SURVEY TO IDENTIFY ALL THE EXISTING STRUCTURES, HOARDING, FENCING, ROADS, FOOTPATHS AND THE LIKE ON THE SITE. THE CONTRACTOR SHALL DEMOLISH THESE STRUCTURES IN ACCORDANCE WITH THE REQUIREMENTS AS SET OUT IN THE DRAWINGS AND THE GENERAL AND PARTICULAR SPECIFICATIONS.
- UNLESS OTHERWISE STATED, FOR DEMOLITION OF ANY PILE FOUNDATION, THE EXTENT OF DEMOLITION SHALL BE DOWN TO 2m BELOW THE FUTURE FINISHED GROUND LEVEL OR THE FORMATION LEVEL OF ANY PROPOSED STRUCTURES THEREAT, WHICHEVER IS LOWER.

LEGEND:

- SITE BOUNDARY
- NOISE BARRIER
- AMENITY AREA
- FOOTPATH
- CYCLE TRACK
- CYCLE PARKING AREA
- FOOTBRIDGE
- FILL SLOPE (1:2) WITH HYDROSEEDING
- RETAINING WALL
- TRAFFIC FLOW DIRECTION

SAN TIN PUBLIC
TRANSPORT INTERCHANGE



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PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNDBOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

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LEGEND :

Works Area under DP3
Environmental Permit No.
EP-467/2013/A

ISSUE/REVISION

REV	DATE	DESCRIPTION	CHK.
A	OCT.24	TENDER ADDENDUM NO. 1	RPCM
-	SEP.24	TENDER DRAWING	RPCM
I/R	DATE	DESCRIPTION	CHK.
修改	日期	内容描述	校核

STATUS

SCALE

比例

A1 1 : 500

DIMENSION UNIT

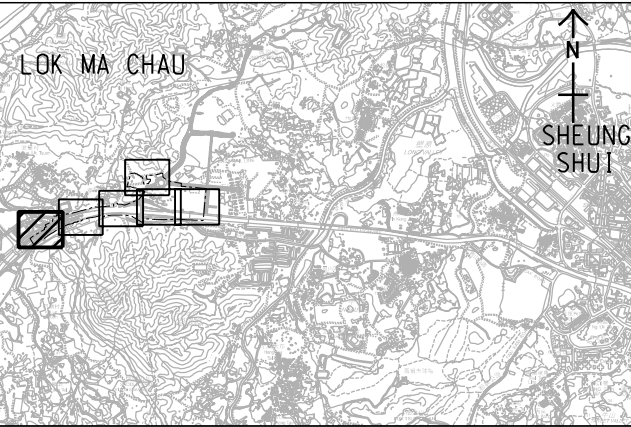
尺寸单位

METRES

KEY PLAN

索引图

A1 1 : 60000



PROJECT NO.

项目编号

SHEET TITLE

GENERAL LAYOUT PLAN

SHEET NUMBER

60629088/C3/1001A

CONTRACT NO.

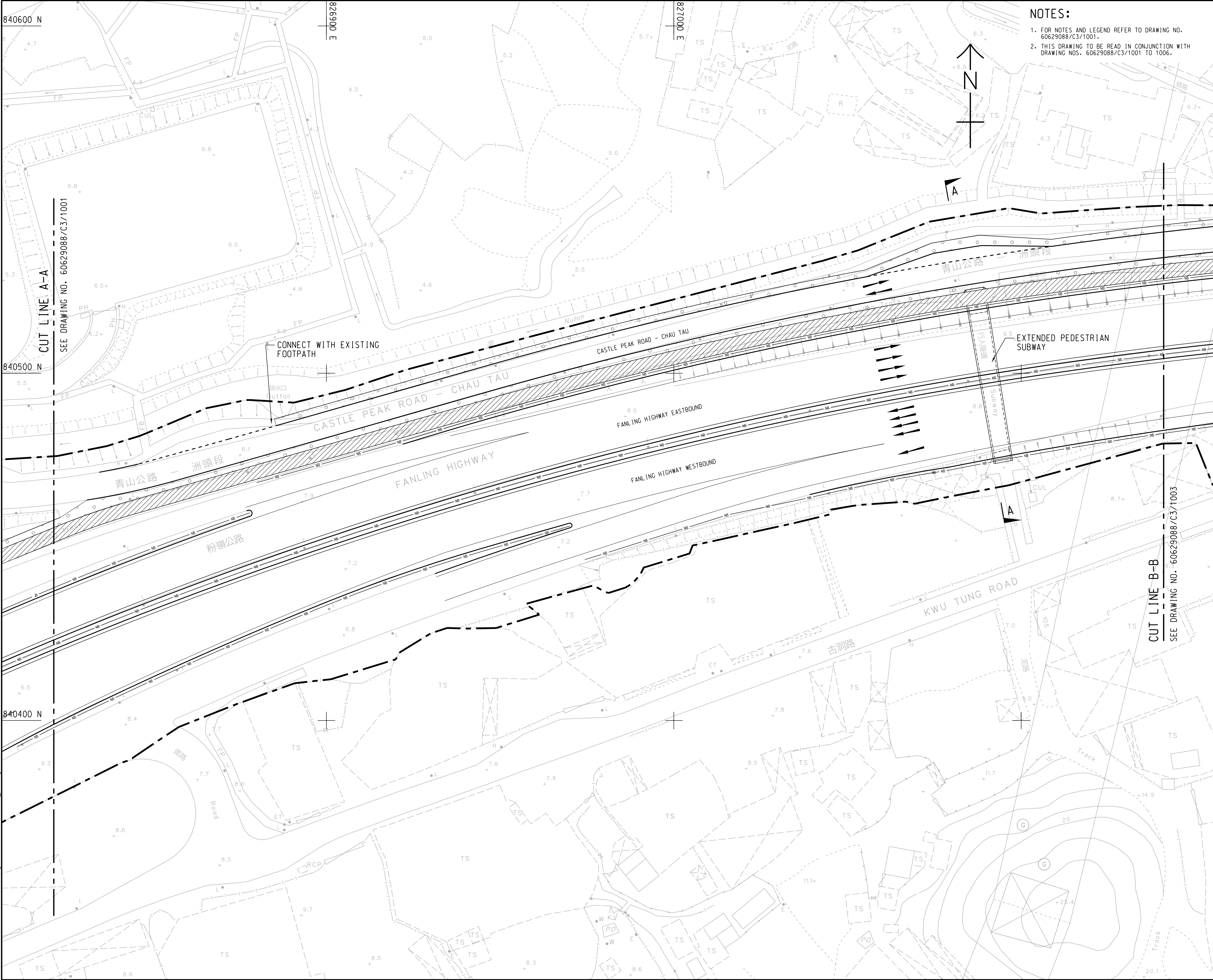
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ND/2024/05

SHEET 1 OF 6

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



- NOTES:
1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60629088/C3/1001.
 2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/1001 TO 1006.

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PROJECT
项目
IMPROVEMENT OF TAI TAU LENG
ROUNDBOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

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LEGEND :
 Works Area under DP3
Environmental Permit No.
EP-467/2013/A

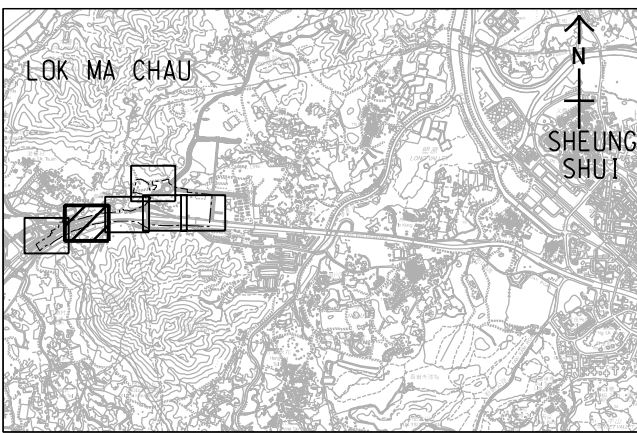
ISSUE/REVISION			
修订			
-	SEP.24	TENDER DRAWING	RPCM
I/R	DATE	DESCRIPTION	CHK.
修改	日期	内容描述	校核

STATUS
阶段

SCALE
比例
A1 1 : 500

DIMENSION UNIT
尺寸单位
METRES

KEY PLAN A1 1 : 60000



PROJECT NO.
项目编号
60629088

CONTRACT NO.
合约编号
ND/2024/05

SHEET TITLE
图则名称
GENERAL LAYOUT PLAN

SHEET NUMBER
图则编号
60629088/C3/1002

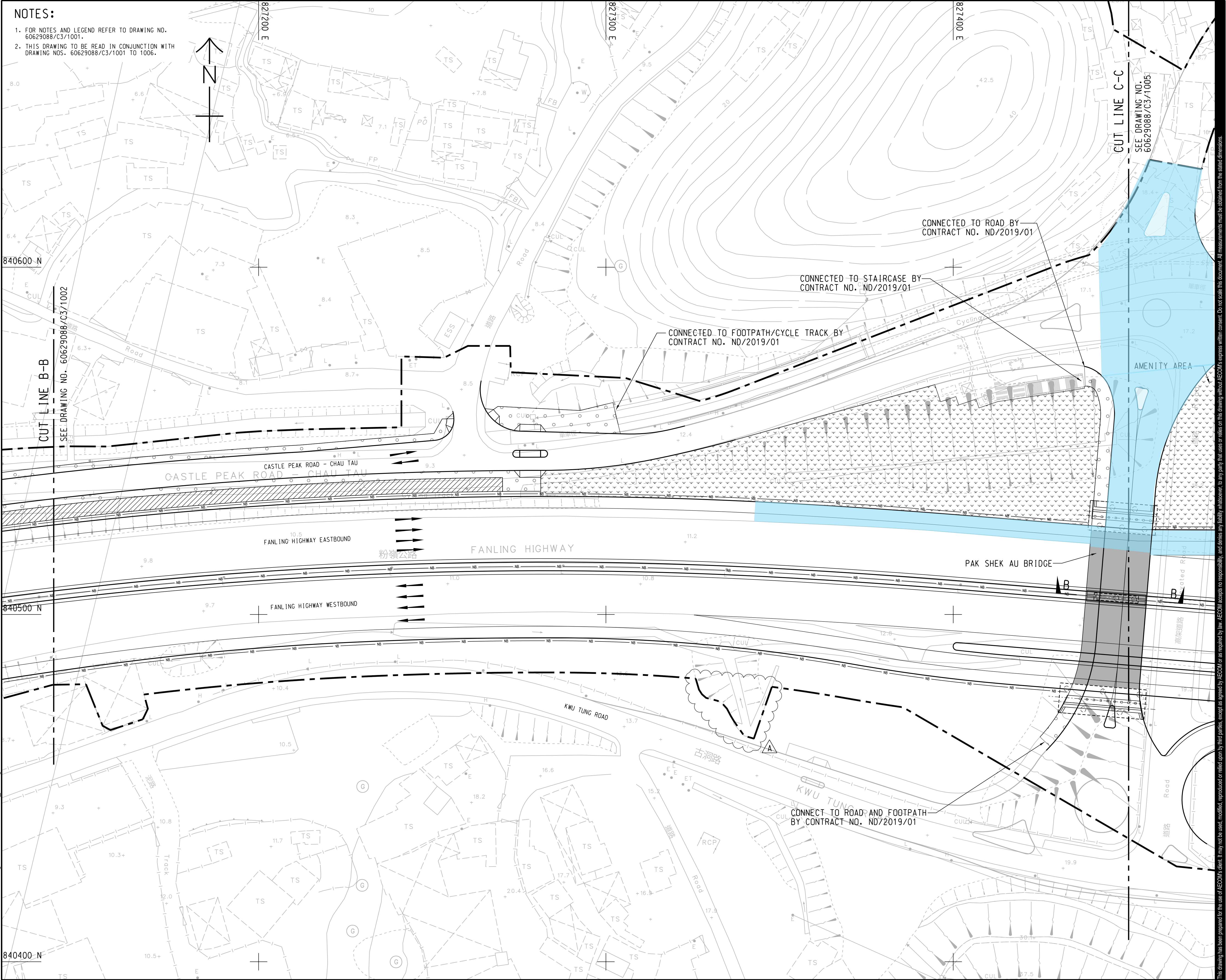
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Project Management Initials: Designer: JLCY Checked: RPCM Approved: WHL

NOTES:

- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60629088/C3/1001.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/1001 TO 1006.



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PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNDBOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
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Works Area under DP3
Environmental Permit No.
EP-467/2013/A

ISSUE/REVISION

I/R	DATE	DESCRIPTION	CHK.
A	NOV.24	TENDER ADDENDUM NO. 2	RPCM
-	SEP.24	TENDER DRAWING	RPCM

STATUS

SCALE

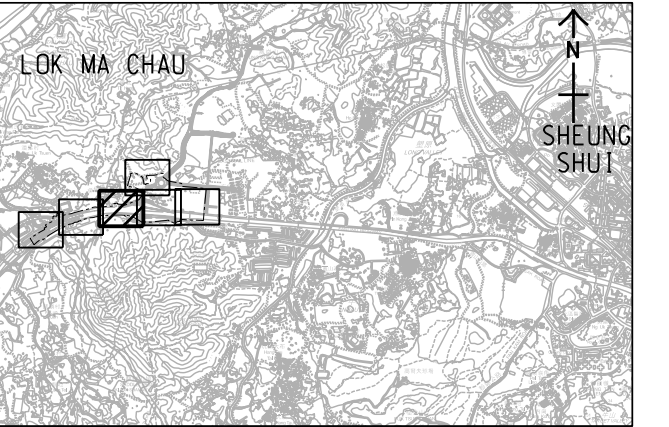
A1 1: 500

DIMENSION UNIT

METRES

KEY PLAN

A1 1: 60000



PROJECT NO.

60629088

CONTRACT NO.

ND/2024/05

SHEET TITLE

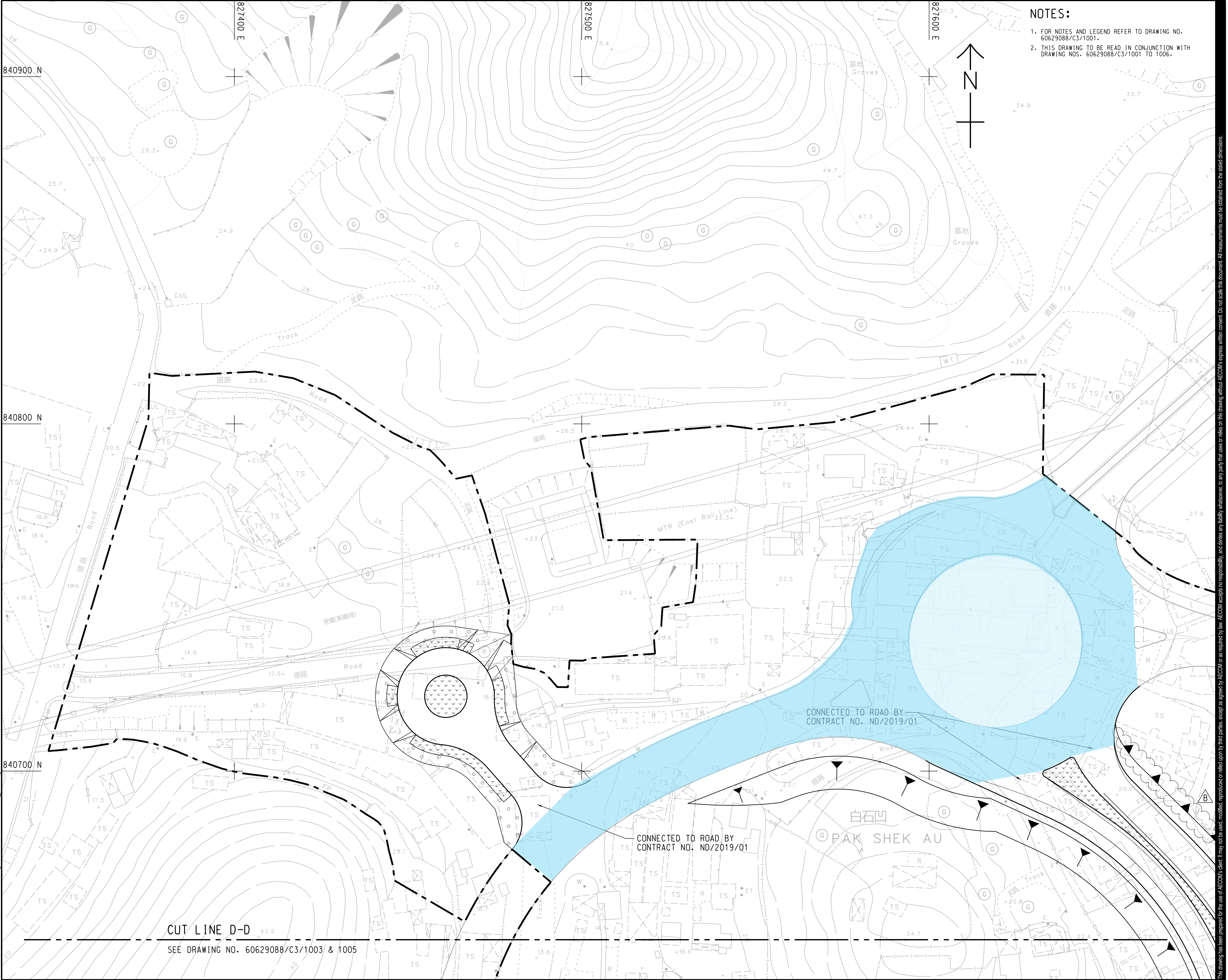
GENERAL LAYOUT PLAN

SHEET NUMBER

60629088/C3/1003A

SHEET 3 OF 6

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NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60629088/C3/1001.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/1001 TO 1006.

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PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNDBOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
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Works Area under DP3
Environmental Permit No.
EP-467/2013/A

ISSUE/REVISION

I/R	DATE	DESCRIPTION	CHK.
B	NOV.24	TENDER ADDENDUM NO. 2	RPCM
A	OCT.24	TENDER ADDENDUM NO. 1	RPCM
-	SEP.24	TENDER DRAWING	RPCM
I/R	DATE	DESCRIPTION	CHK.
修改	日期	内容描述	校核

STATUS

SCALE

比例

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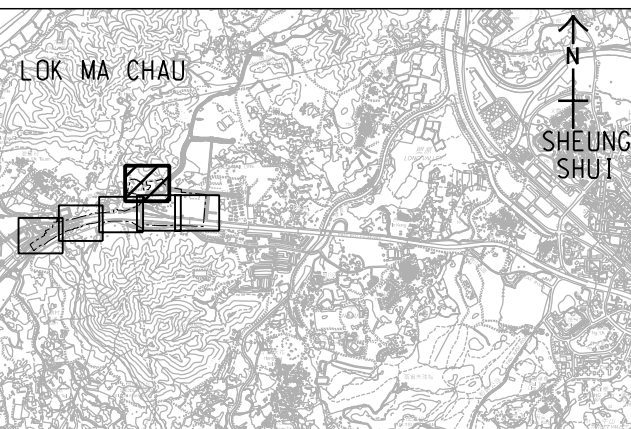
DIMENSION UNIT

尺寸单位

METRES

KEY PLAN

A1 1: 60000



PROJECT NO.

项目编号

60629088

CONTRACT NO.

合约编号

ND/2024/05

SHEET TITLE

图则名称

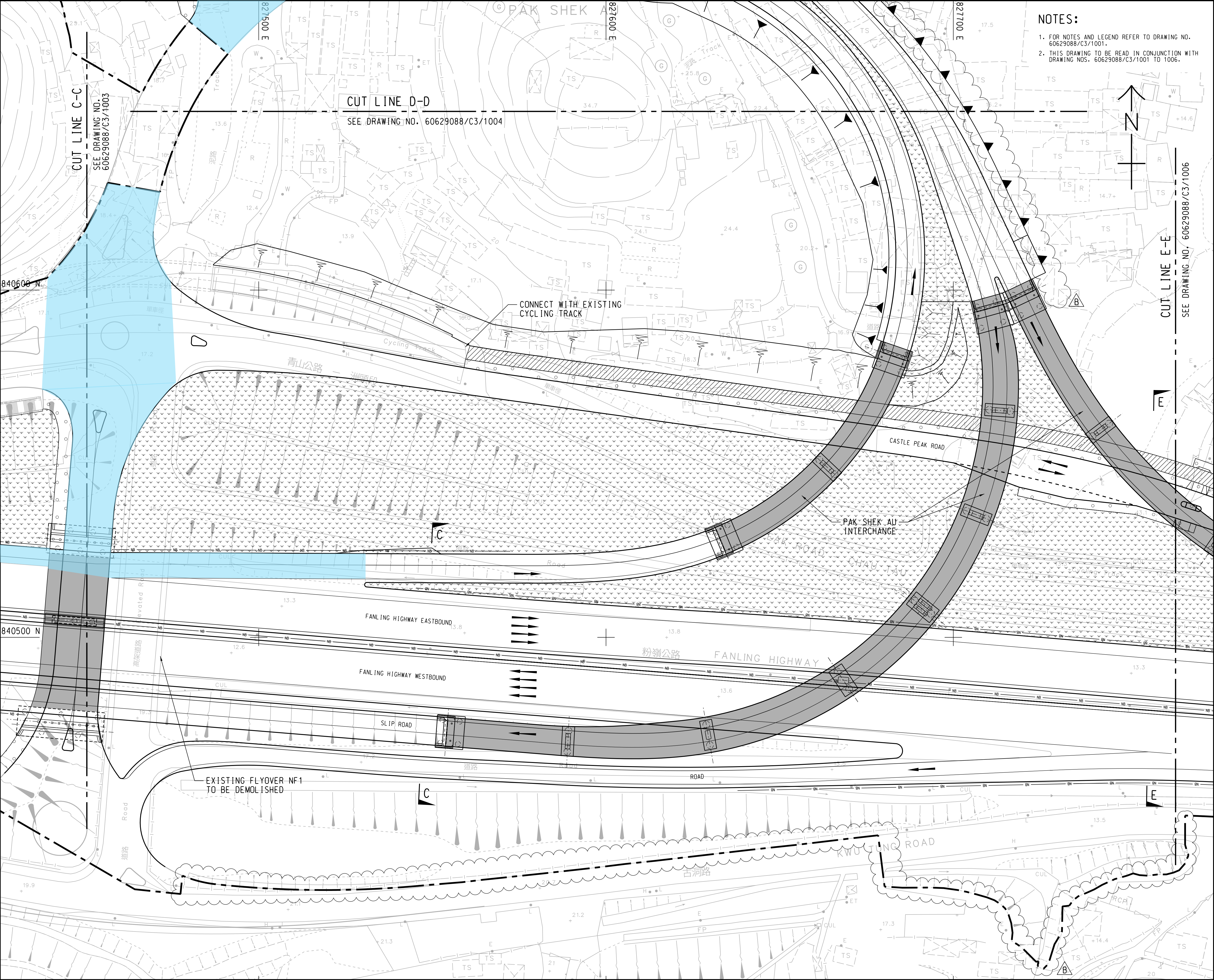
GENERAL LAYOUT PLAN

SHEET NUMBER

图则编号

60629088/C3/1004B

SHEET 4 OF 6



- NOTES:
1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60629088/C3/1001.
 2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/1001 TO 1006.

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PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNDBOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

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LEGEND :

Works Area under DP3
Environmental Permit No.
EP-467/2013/A

ISSUE/REVISION			
修訂			
B	NOV.24	TENDER ADDENDUM NO. 2	RPCM
A	OCT.24	TENDER ADDENDUM NO. 1	RPCM
-	SEP.24	TENDER DRAWING	RPCM
I/R	DATE	DESCRIPTION	CHK.
修訂	日期	內容摘要	校核

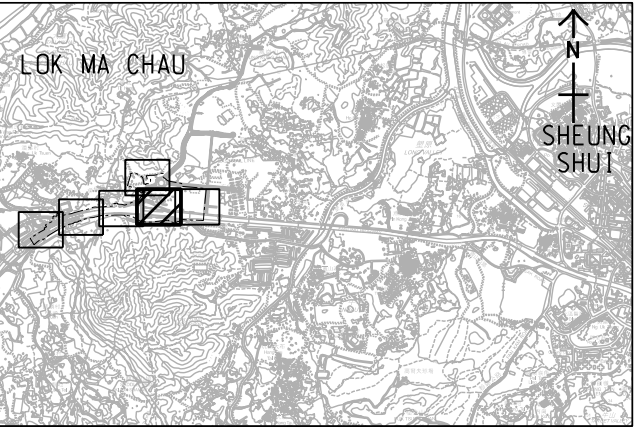
STATUS
附設

SCALE
比例

DIMENSION UNIT
尺寸單位

A1 1: 500 METRES

KEY PLAN A1 1: 60000



PROJECT NO.
項目編號

60629088

CONTRACT NO.
合約編號

ND/2024/05

SHEET TITLE
圖紙名稱

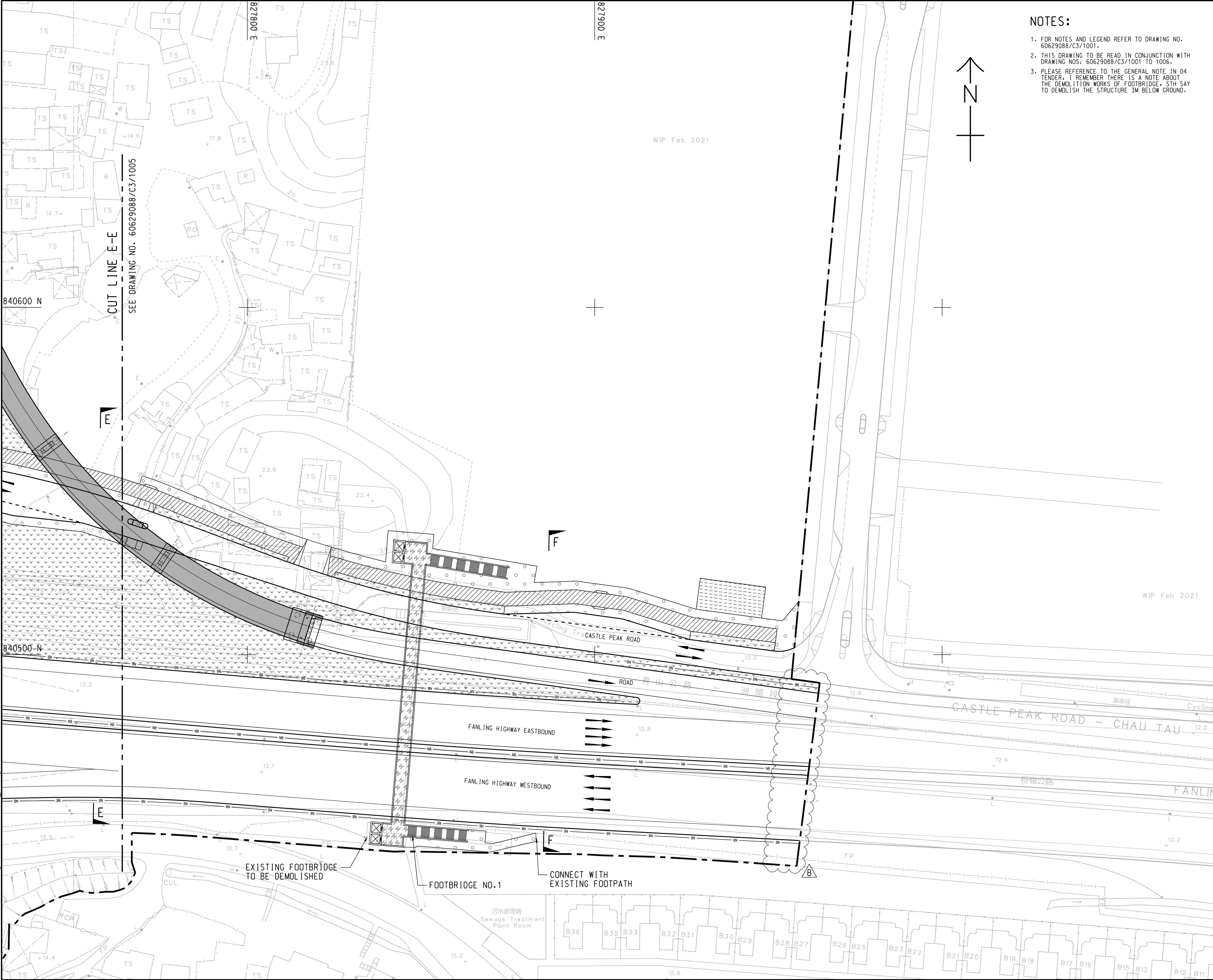
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SHEET NUMBER
圖紙編號

60629088/C3/1005B

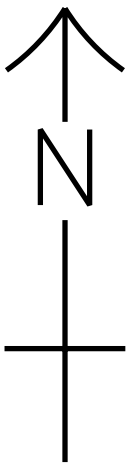
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Project Management Initials: Designer: JLCY Checked: RPCM Approved: WHL
ISO A1 594mm x 841mm



NOTES:

- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60629088/C3/1001.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/1001 TO 1006.
- PLEASE REFERENCE TO THE GENERAL NOTE IN 04 TENDER. I REMEMBER THERE IS A NOTE ABOUT THE DEMOLITION WORKS OF FOOTBRIDGE. STM SAY TO DEMOLISH THE STRUCTURE 3M BELOW GROUND.



PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNDAABOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

CLIENT



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分判工程顧問公司

ISSUE/REVISION

NO.	DATE	DESCRIPTION	CHK.
B	DEC.24	TENDER ADDENDUM NO. 5	RPCM
A	NOV.24	TENDER ADDENDUM NO. 2	RPCM
-	SEP.24	TENDER DRAWING	RPCM
I/R	DATE	DESCRIPTION	CHK.
修訂	日期	內容摘要	校核

STATUS

附設

SCALE

比例

A1 1: 500

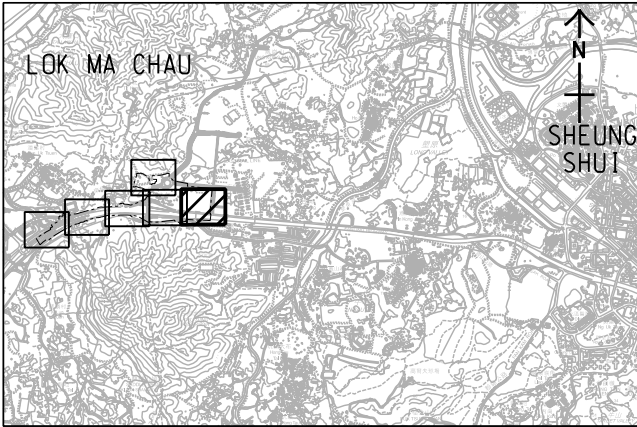
DIMENSION UNIT

尺寸單位

METRES

KEY PLAN

索引圖 A1 1: 60000



PROJECT NO.

項目編號

60629088

CONTRACT NO.

合約編號

ND/2024/05

SHEET TITLE

圖紙名稱

GENERAL LAYOUT PLAN

SHEET NUMBER

圖紙編號

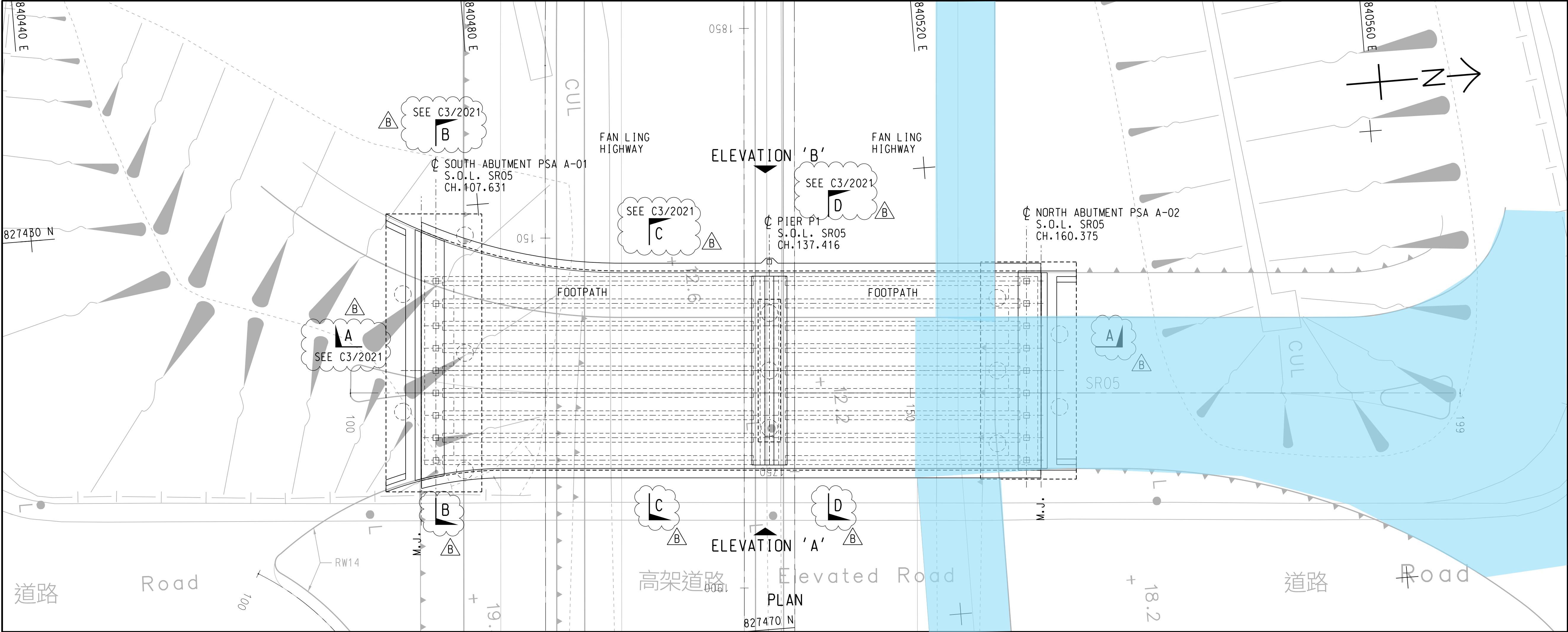
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SHEET 6 OF 6

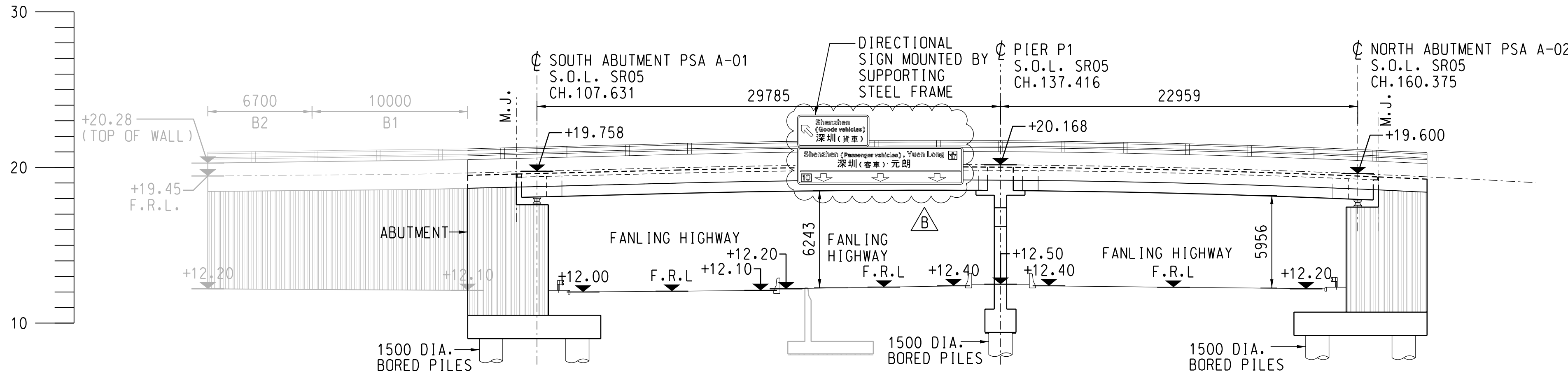
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2. Vertical and Horizontal Alignment

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

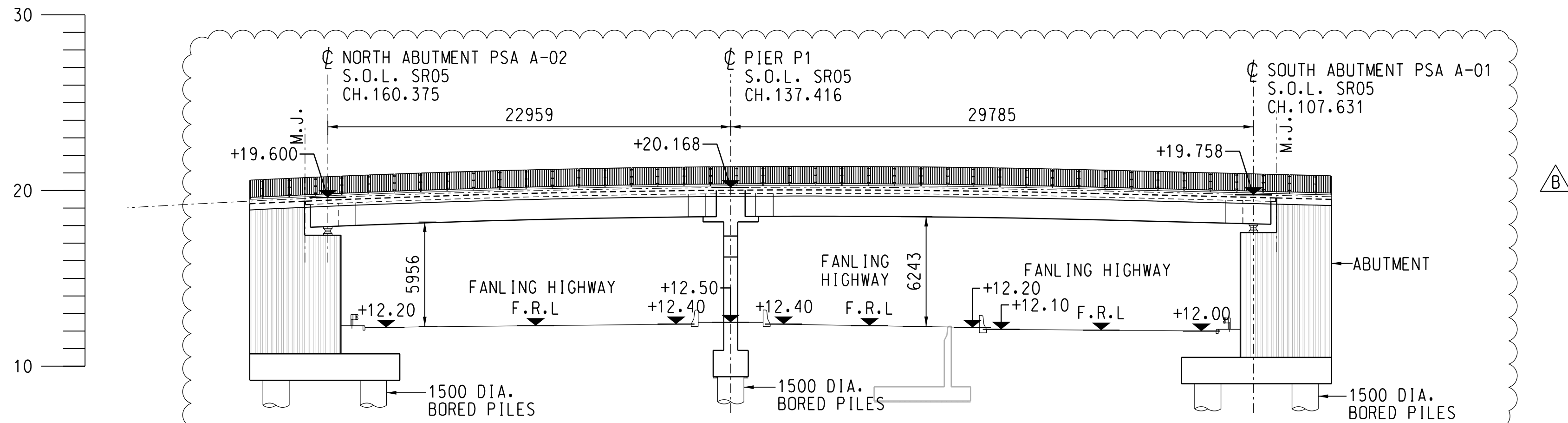


ELEVATION (mPD)



ELEVATION 'A'

ELEVATION (mPD)



ELEVATION 'B'

AECOM

PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNDAABOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

CLIENT

土木工務拓展署
Civil Engineering and
Development Department

CONSULTANT

AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS

LEGEND :

Works Area under DP3
Environmental Permit No.
EP-467/2013/A

ISSUE/REVISION

I/R	DATE	DESCRIPTION	CHK.
B	NOV.24	TENDER ADDENDUM NO.2	CCHY
A	OCT.24	TENDER ADDENDUM NO.1	CCHY
-	SEP.24	TENDER DRAWING	CCHY

STATUS

SCALE

A1 1: 200

DIMENSION UNIT

MILLIMETRES

KEY PLAN

PROJECT NO.

60629088

CONTRACT NO.

ND/2024/05

SHEET TITLE

PAK SHEK AU BRIDGE
GENERAL ARRANGEMENT

SHEET NUMBER

60629088/C3/2011B

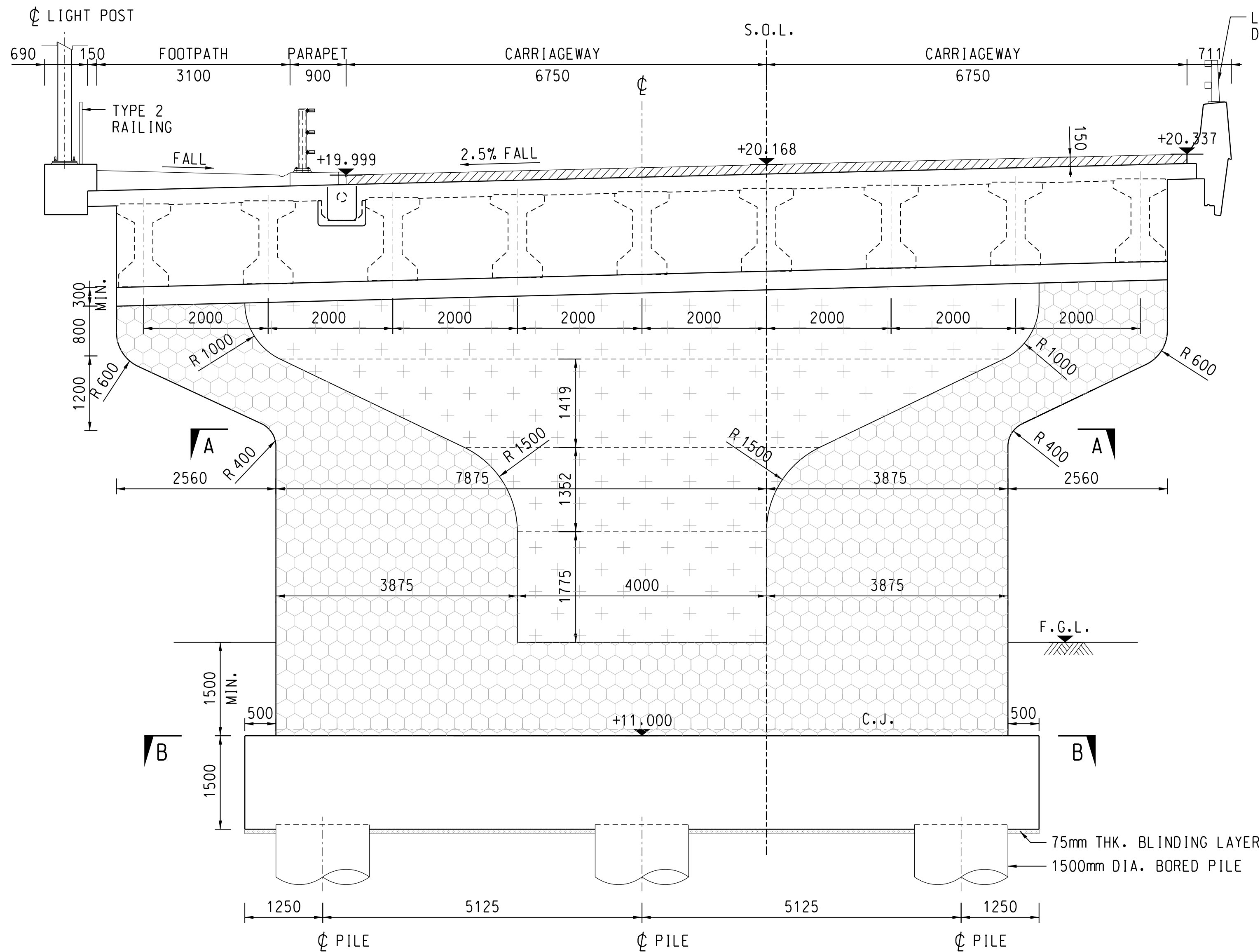
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11/6/2024
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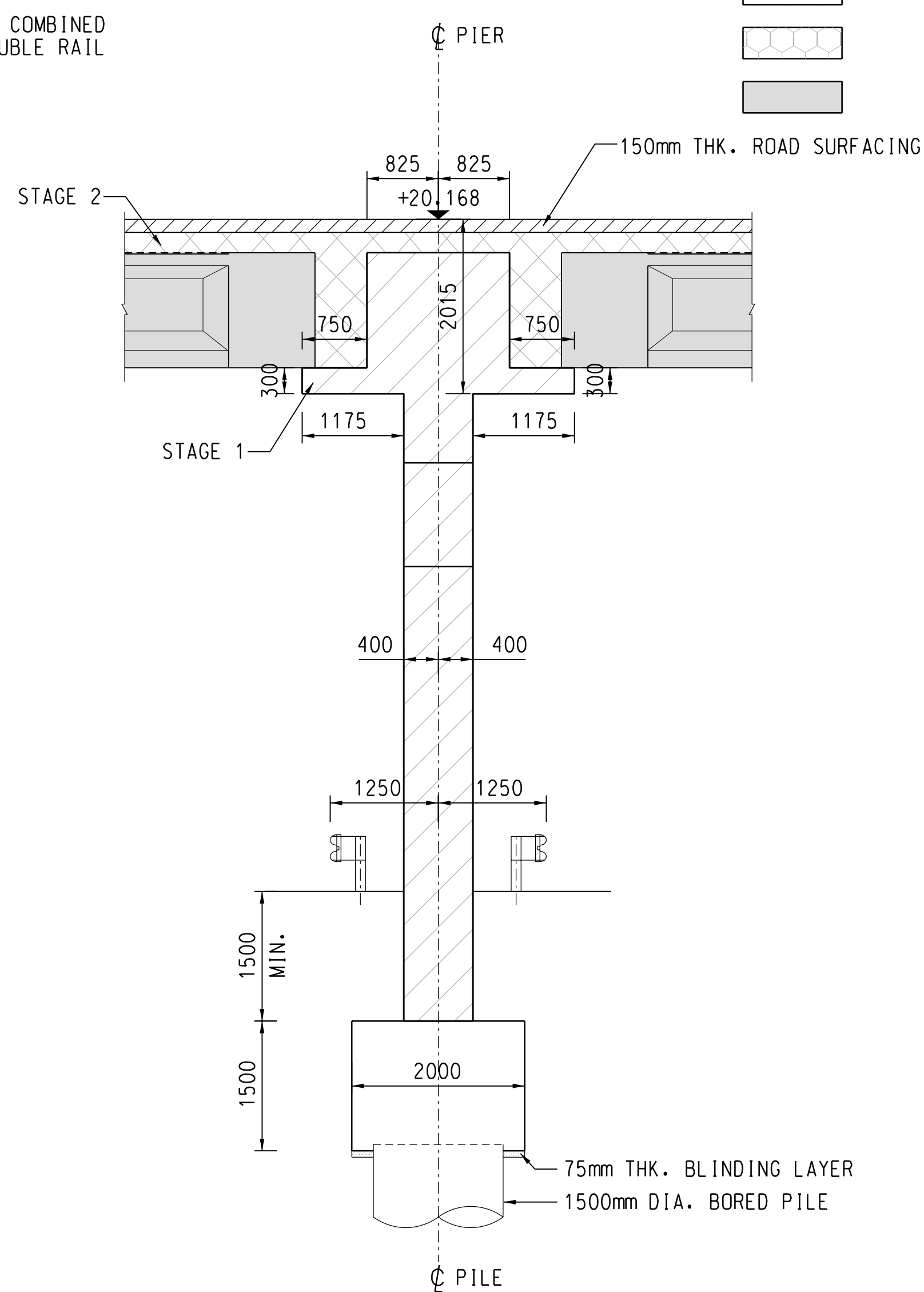
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Project Management Initials: Designer: AF Checked: CCHY Approved: WHL

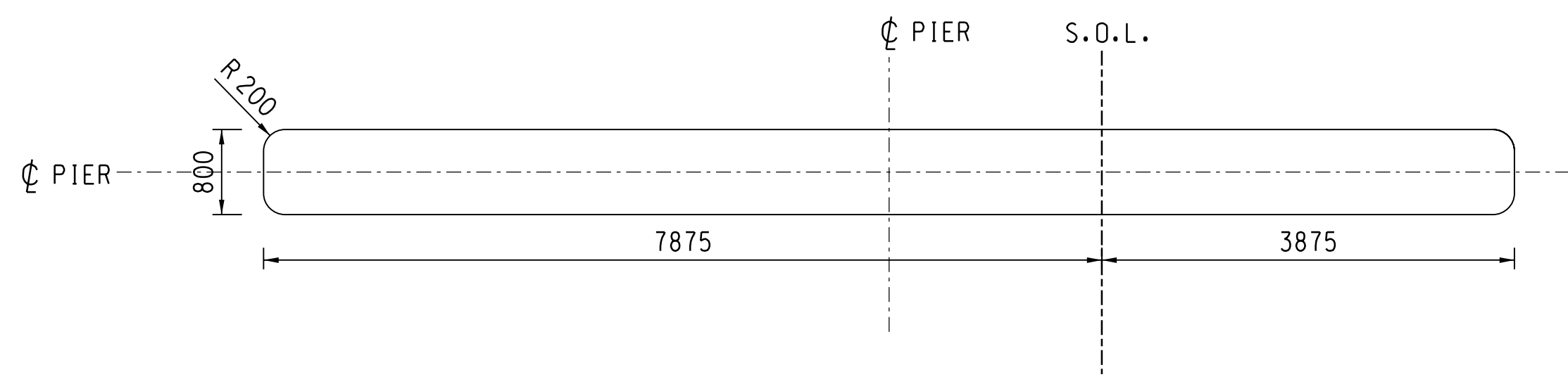
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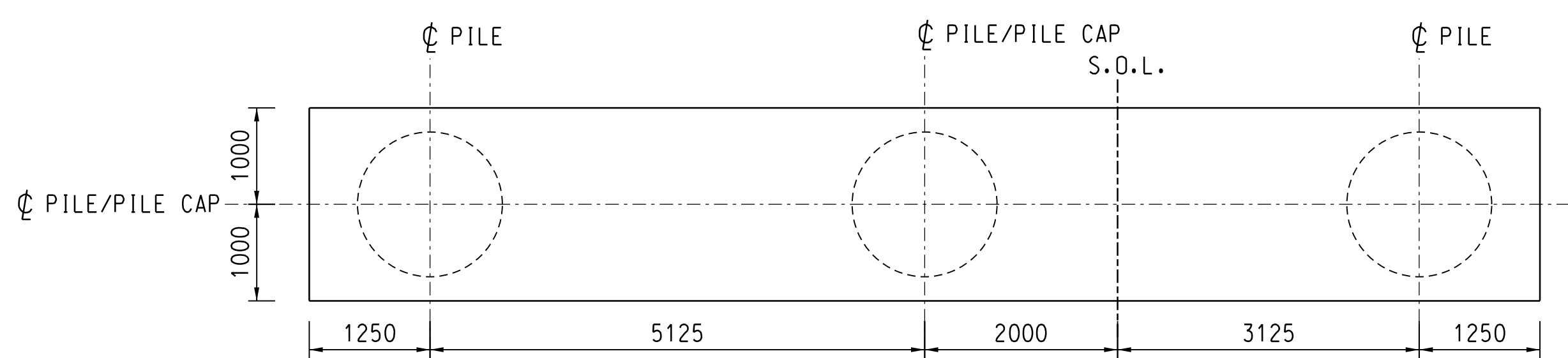
FRONT ELEVATION OF PIER P1



SIDE ELEVATION OF PIER P1



SECTION A - A



SECTION B - B

LEGEND:

	STAGE 1 CASTING
	STAGE 2 CASTING
	FAIR FACE CONCRETE
	ROUGH FACE CONCRETE
	PRECAST I-BEAM

AECOM

PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNABOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

CLIENT

土木工 程 拓 展 署
CEDD
Civil Engineering and
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CONSULTANT

AECOM Asia Company Ltd.
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SUB-CONSULTANTS

分 列 工 程 勘 測 公 司

ISSUE/REVISION

I/R	DATE	DESCRIPTION	CHK.
-	SEP.24	TENDER DRAWING	CCHY

STATUS

制 定

SCALE

1:50

DIMENSION UNIT

MILLIMETRES

KEY PLAN

示 意 圖

PROJECT NO.

60629088

CONTRACT NO.

ND/2024/05

SHEET TITLE

PAK SHEK AU BRIDGE
PIER GENERAL ARRANGEMENT

SHEET NUMBER

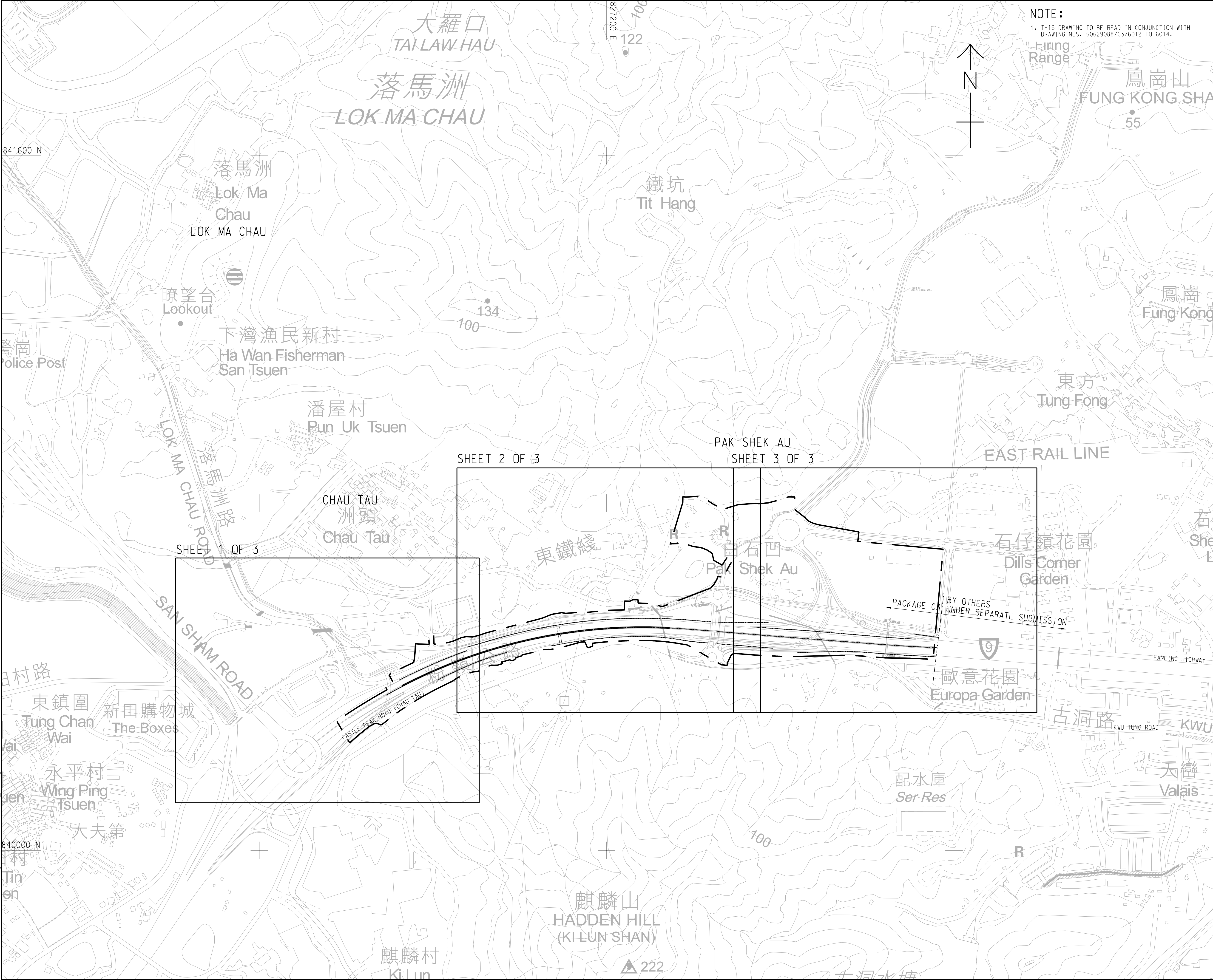
60629088/C3/2022

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3. Noise Barriers and Enclosures

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Plot File by: CHENJ2
9/27/2024
PATH P:\PROJECT\SS60629088\Drawing\CONTRACT\CTC36000\CT3_6011.dgn

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



AECOM

PROJECT
項目

IMPROVEMENT OF TAI TAU LENG
ROUNDAABOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

CLIENT
客戶

CEDD 土木工程拓展署
Civil Engineering and
Development Department

CONSULTANT
工程顧問公司

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SUB-CONSULTANTS
分判工程顧問公司

ISSUE/REVISION
修訂

I/R 修訂	DATE 日期	DESCRIPTION 內容摘要	CHK. 校核
-	SEP.24	TENDER DRAWING	CCHY

STATUS
階段

SCALE
比例

A1 1: 4000

DIMENSION UNIT
尺寸單位

METRES

KEY PLAN
索引圖

PROJECT NO.
項目編號

60629088

CONTRACT NO.
合約編號

ND/2024/05

SHEET TITLE
圖紙名稱

NOISE BARRIER
GENERAL LAYOUT PLAN

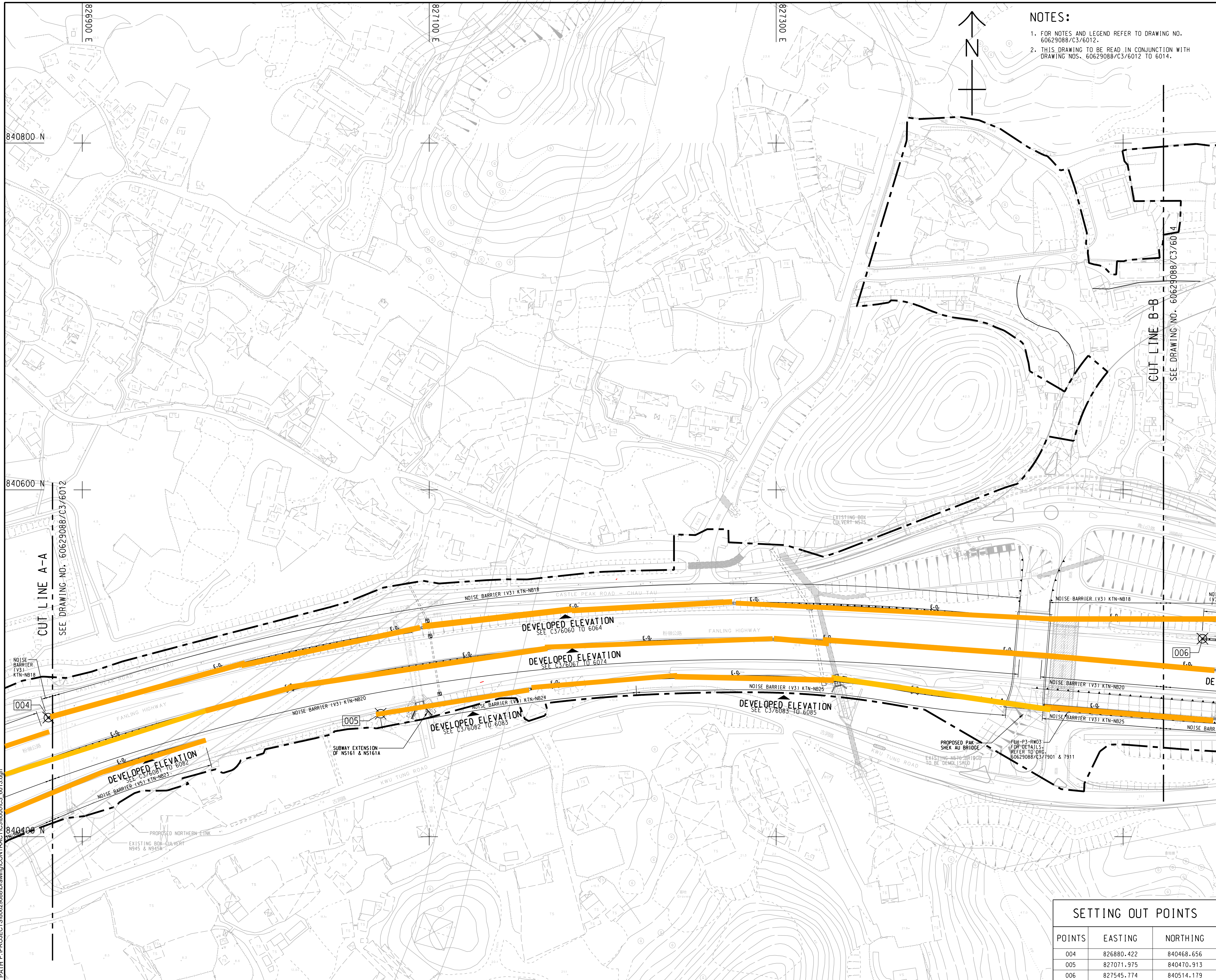
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圖紙編號

60629088/C3/6011

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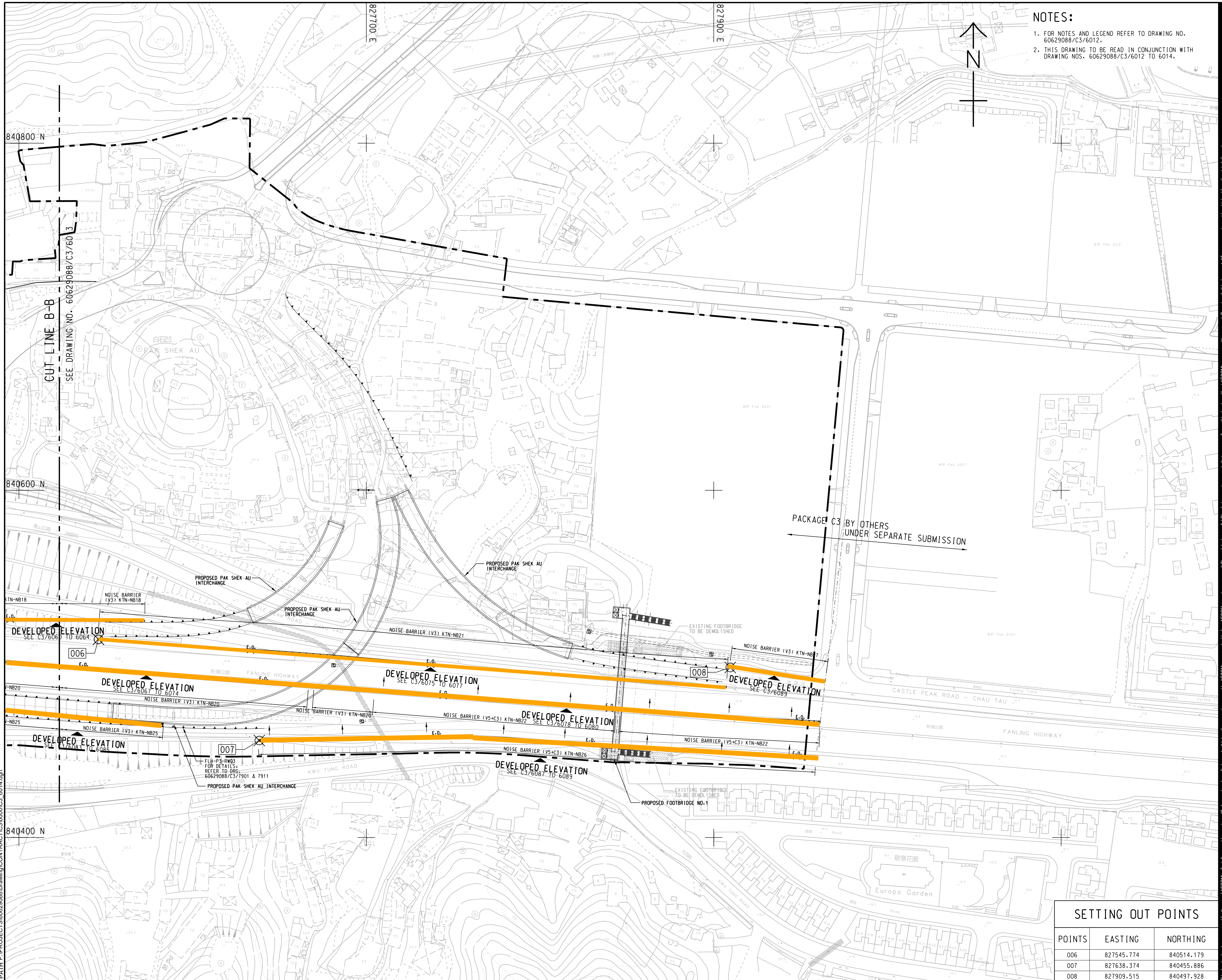
60629088/C3/6012



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Designer: ~~AF~~
 Checked: CCHY
 Approved: WHL *WHL*

Project Management Initials:



1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60629088/C3/6012.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/6012 TO 6014.



PROJECT

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
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(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

CLIENT



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Civil Engineering and
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SUB-CONSULTANTS

LEGEND :

 Noise Barrier

ISSUE/REVISION

-	SEP.24	TENDER DRAWING	CCHY
I/R	DATE	DESCRIPTION	CHK

STATUS

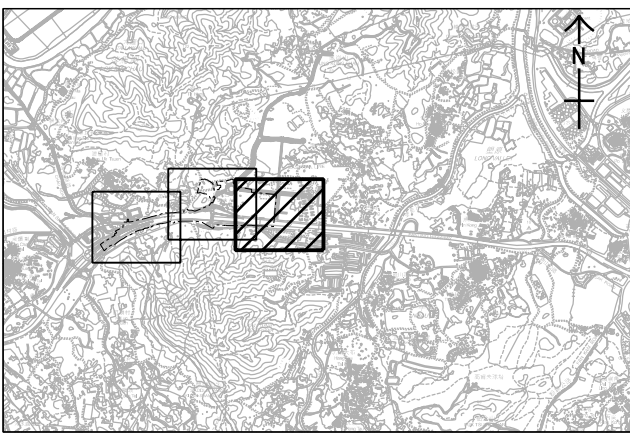
SCALE

A1 1 : 1000

DIMENSION UNIT

METRES

KEY PLAN A1 1 : 60000



PROJECT NO.

60629088

CONTRACT NO

ND/2024/05

SHEET TITLE
003 Conf. A- 402

NOISE BARRIER LAYOUT PLAN

SHEET NUMBER

60629088/C3/6014

SHEET 3 OF 3

SETTING OUT POINTS		
POINTS	EASTING	NORTHING
006	827545.774	840514.179
007	827638.374	840455.886
008	827909.515	840497.928

4. 2m High Dull Green Barrier Fence

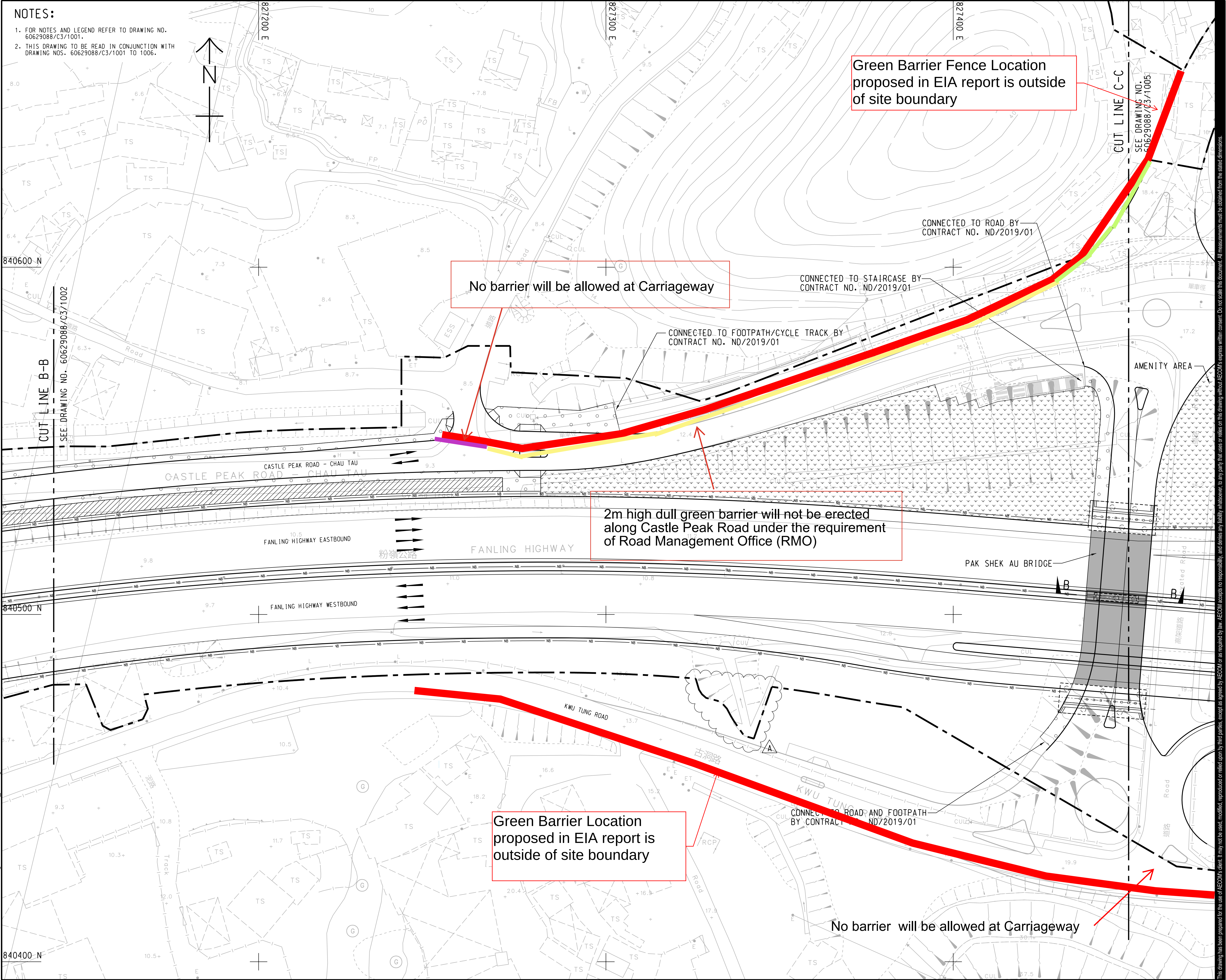
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ISO A1 594mm x 841mm

Project Management Initials: Designer: JLCY Checked: RPCM Approved: WHL

NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60629088/C3/1001.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/1001 TO 1006.



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PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNDAABOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
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CLIENT

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Civil Engineering and
Development Department

CONSULTANT

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SUB-CONSULTANTS

LEGEND :

- Water Filled Barrier
- Proposed no barrier
- Proposed Water Filled Barrier
with 2m high steel pole and
green tarpaulin
- 2m High Dull Green Barrier
Fence Location from EIA report

ISSUE/REVISION

I/R	DATE	DESCRIPTION	CHK.
A	NOV.24	TENDER ADDENDUM NO. 2	RPCM
-	SEP.24	TENDER DRAWING	RPCM

STATUS

SCALE

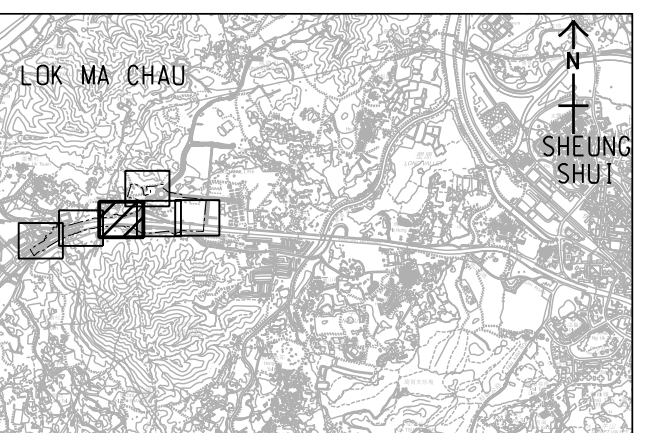
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DIMENSION UNIT

METRES

KEY PLAN

A1 1 : 60000



PROJECT NO.

60629088

CONTRACT NO.

ND/2024/05

SHEET TITLE

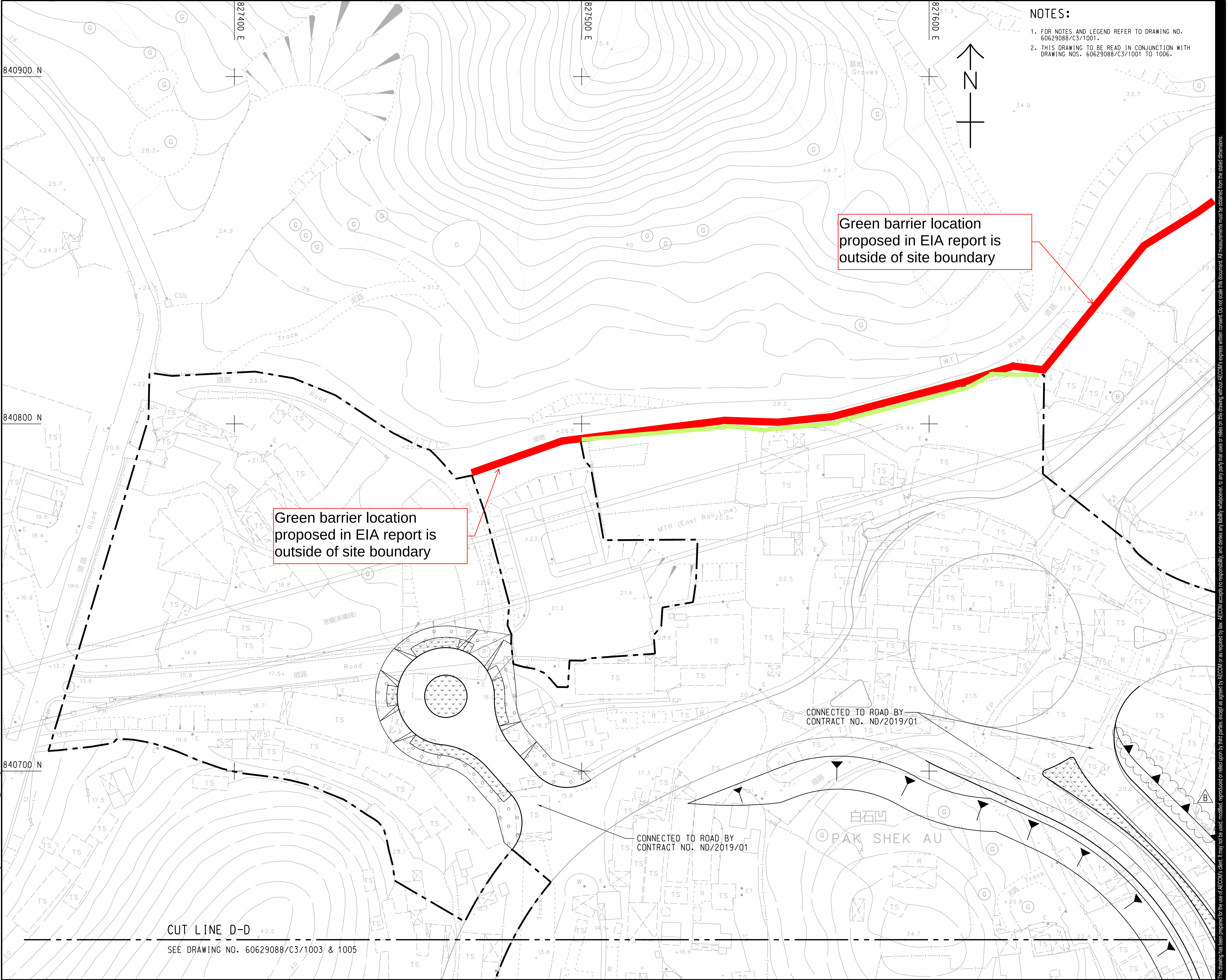
GENERAL LAYOUT PLAN

SHEET NUMBER

60629088/C3/1003A

SHEET 3 OF 6

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Plot File by: YangRO 11/12/2024
PATH P:\PROJECT\US60629088\Drawing\CONTRACT\US1000\C3_1004.dgn
Project Management Initials: Designer: JLCT Checked: RPCM Approved: WHL
ISO A1 594mm x 841mm



NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60629088/C3/1001.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/1001 TO 1006.

AECOM

PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNDBOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

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LEGEND:

- Water Filled Barrier
- Proposed No barrier
- Proposed Water Filled Barrier
with 2m high steel pole and
green tarpaulin
- 2m High Dull Green Barrier
Fence Location from EIA report

ISSUE/REVISION

NO.	DATE	DESCRIPTION	CHK.
B	NOV.24	TENDER ADDENDUM NO. 2	RPCM
A	OCT.24	TENDER ADDENDUM NO. 1	RPCM
-	SEP.24	TENDER DRAWING	RPCM
I/R	DATE	DESCRIPTION	CHK.
修改	日期	内容描述	校核

STATUS

SCALE

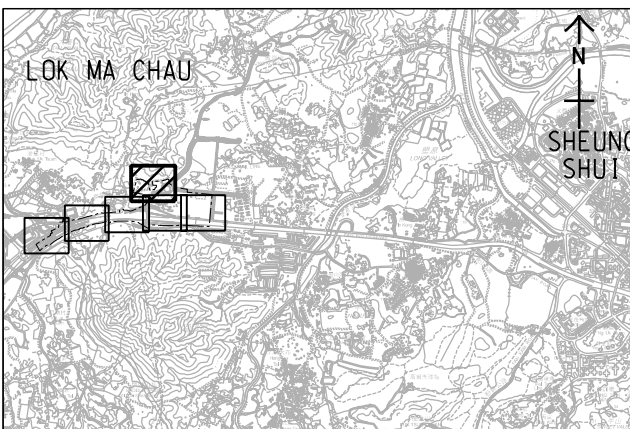
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DIMENSION UNIT

METRES

KEY PLAN

A1 1: 60000



PROJECT NO.

60629088

CONTRACT NO.

ND/2024/05

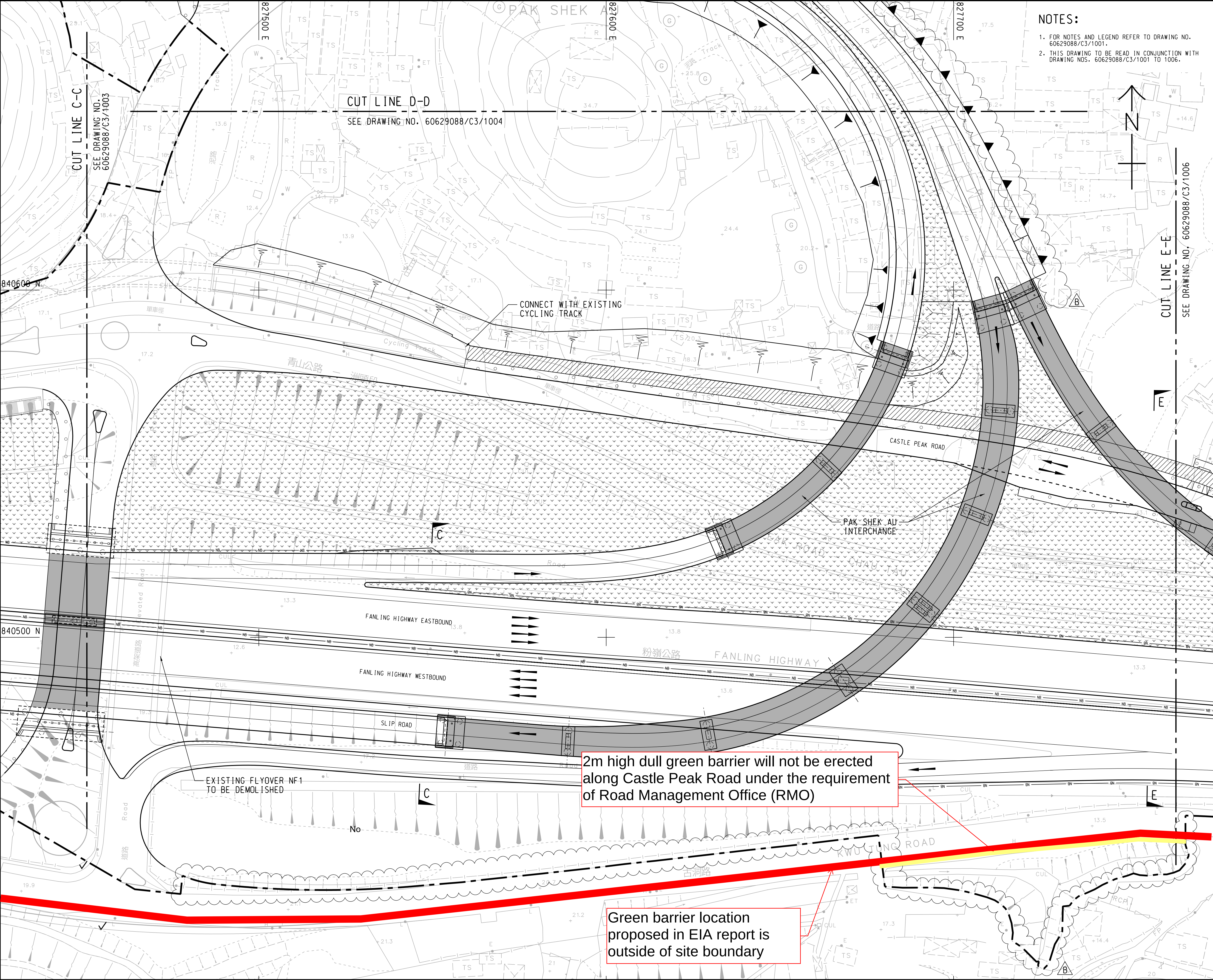
SHEET TITLE

GENERAL LAYOUT PLAN

SHEET NUMBER

60629088/C3/1004B

SHEET 4 OF 6



- NOTES:
1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60629088/C3/1001.
 2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60629088/C3/1001 TO 1006.

AECOM

PROJECT

IMPROVEMENT OF TAI TAU LENG
ROUNDBOUT AND FANLING
HIGHWAY (KWU TUNG SECTION)
- DESIGN & CONSTRUCTION

CONTRACT TITLE
KWU TUNG NORTH NEW DEVELOPMENT
AREA, REMAINING PHASE:
IMPROVEMENT WORKS OF
FANLING HIGHWAY
(PAK SHEK AU PORTION) AND
ASSOCIATED WORKS

CLIENT

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LEGEND :

- Proposed water filled barrier
- Proposed No barrier
- Proposed Water Filled Barrier
with 2m high steel pole and
green tarpaulin
- 2m High Dull Green Barrier
Fence Location from EIA report

ISSUE/REVISION

I/R	DATE	DESCRIPTION	CHK.
B	NOV.24	TENDER ADDENDUM NO. 2	RPCM
A	OCT.24	TENDER ADDENDUM NO. 1	RPCM
-	SEP.24	TENDER DRAWING	RPCM

STATUS

SCALE

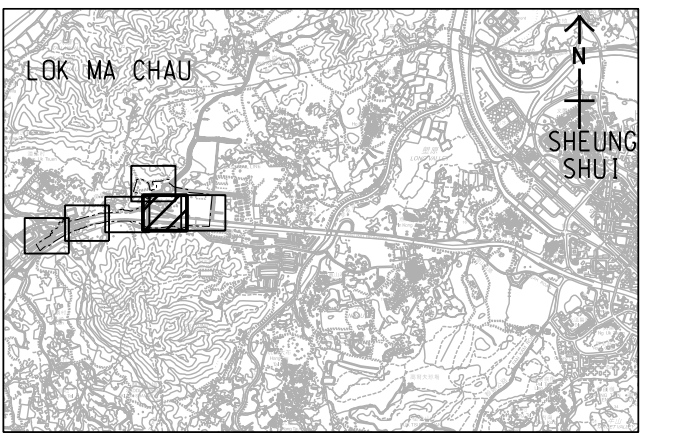
A1 1: 500

DIMENSION UNIT

METRES

KEY PLAN

A1 1: 60000



PROJECT NO.

60629088

CONTRACT NO.

ND/2024/05

SHEET TITLE

GENERAL LAYOUT PLAN

SHEET NUMBER

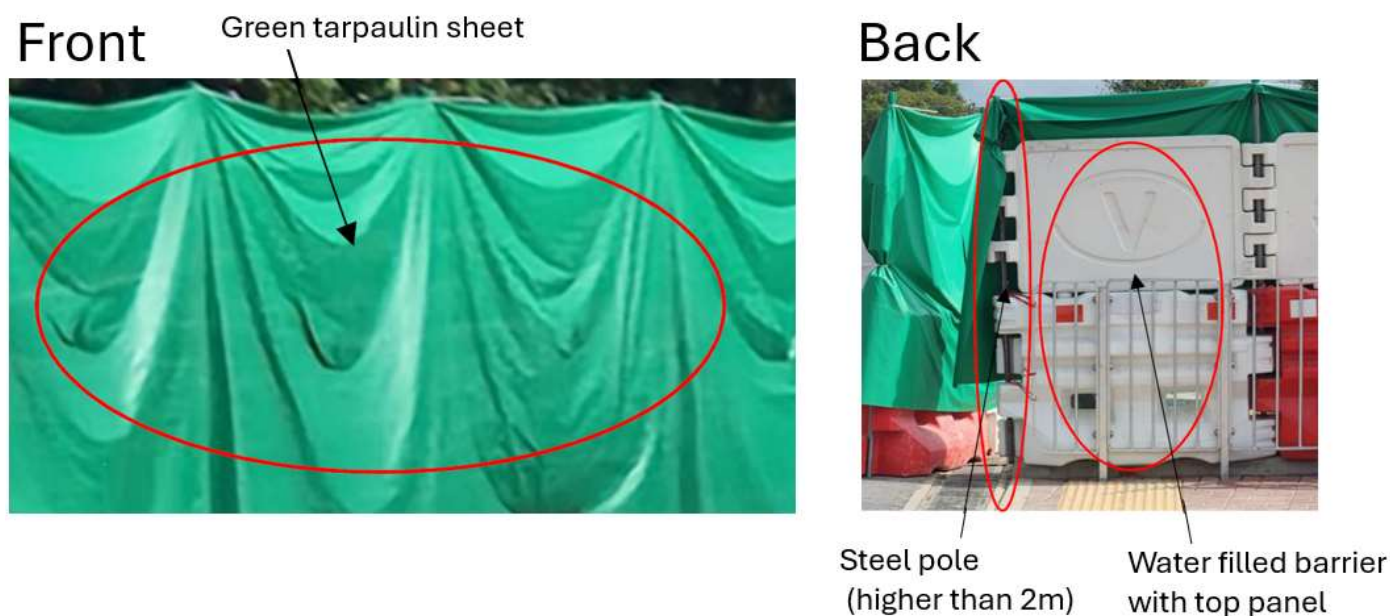
60629088/C3/1005B

Appendix A – Technical feasibility of the proposed set-up method

We have reviewed the proposed installation method (green tarpaulin sheet hung on water-filled barriers fitted with top panels and >2m high steel poles) against potential constraints, including TTA and other site attributes.

Conclusion: The method is technically feasible and will be implemented as follows:

- Water-filled barriers provide stable base support and traffic safety.
- Steel poles (>2m high) and top panels allow the dull-green tarpaulin to be securely hung, achieving the required 2m height and visual screening.
- In areas where full extension is constrained by TTA or other works (e.g., lane narrowing or access points), the barriers will be installed in segmented lengths with adjusted pole spacing to maintain stability and effectiveness without obstructing traffic or construction activities.
- All installations will comply with relevant safety standards (e.g., no obstruction to sightlines, wind-load resistance, and proper anchoring).



Photos of the proposed set-up are reproduced below for easy reference.

Regularly monitoring and repairing will be implemented to ensure compliance with the ecological protection

Reasons for not adopting a solid 2m height dull green barrier in certain locations include:

1. **Road safety / sightline maintenance:** In areas adjacent to traffic lanes, junctions, or access points, a fully solid barrier could obstruct driver sightlines, posing safety risks. The proposed tarpaulin-on-pole system allows flexibility to maintain necessary visibility while still providing effective visual screening.
2. **Technical and site constraints:** In sections with lane narrowing, temporary traffic arrangements (TTA), or limited working space, the modular pole-and-tarpaulin system can be installed in segmented lengths with adjusted spacing to avoid obstruction to construction activities and traffic flow.
3. **Stability and practicality:** The water-filled base provides stable support and traffic safety compliance, while the steel poles and top panels ensure the tarpaulin remains secure under wind load.

