

Our Ref: WMA20002/AECOM/it200520_C2.5

AECOM

8/F Grand Central Plaza Tower 2 138 Shatin Rural Committee Road Shatin, Hong Kong

By Mail 20th May 2020

Attn.: Mr. Chris Ho

Dear Mr. Ho,

Service Contract No. NDO 04/2019

Environmental Team for Environmental Monitoring and Audit Works in Construction Phase for the First Phase Development of Kwu Tung North and Fanling North New Development Areas

- Contract No.: ND/2019/05

Fanling North New Development Area, Phase 1: Fanling Bypass Eastern Section (Shung Him Tong to Kau Lung Hang)

Environmental Permit No. EP-473/2013/A: Layout Plans (Condition 2.5)

I refer to the revised Layout Plans (EP Condition 2.5) submitted by the Contractor (CRCC-Paul Y. Joint Venture) of the captioned Contract (ND/2019/05) via email dated 20th May 2020.

I am pleased to inform you that I have no further comment and I hereby agree to certify the above document in accordance with the Environmental Permit (No. EP-473/2013/A), Condition 1.9 and 2.5.

If you need any further information, please call our Ms. Ivy Tam at 2151 2090 or me at 2151 2089 / 9161 7287.

Yours faithfully, WELLAB Limited

Dr. Priscilla Choy

Environmental Team Leader

c.c. CEDD (Attn: Mr. Stephen Leung)

IEC - Mott MacDonald Hong Kong Ltd

(Attn.: Mr. Thomas Chan)

Contractor - CRCC-Paul Y. Joint Venture

(Attn.: Mr. Pan Fong)

By e-mail: mtleung@cedd.gov.hk

By e-mail: Thomas.Chan@mottmac.com

By e-mail: panfong@crpyjv.com.hk



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

Attention: Mr. Chris Ho

Your Reference

Our Reference EC/TC/II/414202/L0013

3/F International Trade Tower 348 Kwun Tong Road Kowloon Hong Kong

T +852 2828 5757 F +852 2827 1823 mottmac.hk Agreement No. CE 33/2019 (EP)

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

Contract No. ND/2019/05 Fanling North New Development Area, Phase 1: Fanling Bypass Eastern Section (Shung Him Tong to Kau Lung Hang) - Environmental Permit No. EP-473/2013/A: Location Plans (Condition 2.5)

20 May 2020

BY EMAIL & POST

Reference is made to the Contractor's (CRCC-Paul Y. Joint Venture) submission of the Location Plans (EP Condition 2.5) of the captioned Contract (ND/2019/05) in accordance with the Environmental Permit (No. EP-473/2013/A) certified by the ET Leader on 20 May 2020.

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-473/2013/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

Wellab Ltd.

CRCC-Paul Y. Joint Venture

Stephen Leung

Dr. Priscilla Choy/

Ms. Ivy Tam

Mr. Pan Fong

mtleung@cedd.gov.hk priscilla.choy@wellab.com.hk

ivy.tam@wellab.com.hk panfong@crpyjv.com.hk



Summary of submission (EP-473/2013/A)

Submission of Layout Plans

EP's Condition 2.5: The Permit Holder shall, no later than 2 weeks before the commencement of construction of the Project, deposit four hard copies and one electronic copy of location plan(s) of the Project with a scale of 1:1000 or other appropriate scale as agreed with the Director. The plans shall include the details the works boundaries, works areas, vertical and horizontal alignments of the roads and any other major facilities; and the locations of key environmental mitigation measures.

Table of Summary for Submission

Requirements of Condition 2.5	EP required detail		Layout Details		
of EP-473/2013/A	Er required detail	Detail	Reference No.	Scale	Remarks
		Whole Works Area	60335576/C5B/C00/1000	A1 1:7000	Scale Not in 1:1000. For Indication of following layouts location Only
		Portion I, II & 1A	60335576/C5B/C00/1031B	A1 1:1000	
	Works Boundaries & Works Areas	Portion III, IV, V, VI & VII	60335576/C5B/C00/1032A	A1 1:1000	
		Portion VI, VII, VIII, IX, X, XI & XIII	60335576/C5B/C00/1033A	A1 1:1000	
		Portion XI, XII, XIII, XIV, XV, XVI, XVII, XVIII, XVII, XVI, XV	60335576/C5B/C00/1034B	A1 1:1000	
		Portion XI	60335576/C5B/C00/1035A	A1 1:1000	
		Bridge B1 (Horizontal)	60335576/C5B/BB1/2301B	A2 1:1000	
1) Scale of 1:1000 or other		Bridge B1 (Vertical)	60335576/C5B/BB1/2304A		
appropriate scale as agreed with the Director;		Bridge B1 (Vertical)	60335576/C5B/BB1/2305A	A2 1:1000	
2) The details of the works		Bridge B1 (Vertical)	60335576/C5B/BB1/2306A		
boundaries, works areas, vertical and horizontal alignments of the roads		Bridge B2 (Horizontal & Vertical)	60335576/C5B/BC1/2351B	A2 1:1000	
and any other major facilities	Vertical and Horizontal Alignments of the Roads and any other major facilities Bridge C2 (Horizontal & Vertical) 60335576/C8 Bridge C3 (Horizontal & Vertical) 60335576/C8 Bridge C4 (Horizontal & Vertical) 60335576/C8	Bridge C1 (Horizontal & Vertical)	60335576/C5B/BC1/2401D	A2 1:1000	
		Bridge C2 (Horizontal & Vertical)	60335576/C5B/BC2/2451D	A2 1:1000	
		60335576/C5B/BC3/2501D	A2 1:1000		
		60335576/C5B/BC3/2551D	A2 1:1000		
		60335576/C5B/BC3/2601C	A2 1:1000		
		Bridge D2 (Horizontal & Vertical)	60335576/C5B/BC3/2651B	A2 1:1000	
		Bridge E2 (Horizontal & Vertical)	60335576/C5B/BC3/2701D	A2 1:1000	
		Bridge E3 (Horizontal & Vertical)	60335576/C5B/BC3/2751D	A2 1:1000	
		Bridge E4 (Horizontal & Vertical)	60335576/C5B/BC3/2801D	A2 1:1000	

Summary of submission (EP-473/2013/A)

Submission of Layout Plans

EP's Condition 2.5: The Permit Holder shall, no later than 2 weeks before the commencement of construction of the Project, deposit four hard copies and one electronic copy of location plan(s) of the Project with a scale of 1:1000 or other appropriate scale as agreed with the Director. The plans shall include the details the works boundaries, works areas, vertical and horizontal alignments of the roads and any other major facilities; and the locations of key environmental mitigation measures.

Table of Summary for Submission

Requirements of Condition 2.5 EP required det		Layout Details				
of EP-473/2013/A	Er required detail	Detail	Reference No.	Scale	Remarks	
3) The locations of key environmental	mitigation measures:					
			60335576/C5B/C00/6021A	A2 1:1000	This layout indicates no barriers	
			60335576/C5B/C00/6022	A2 1:1000		
		Locations of Types of	60335576/C5B/C00/6023	A2 1:1000		
a) Traffic Noise Mitigation	Permanent Noise Barriers for		60335576/C5B/C00/6024B	A2 1:1000		
(EP Condition 2.9)	traffic noise mitigation	Permanent Noise Barriers	60335576/C5B/C00/6025A	A2 1:1000		
			60335576/C5B/C00/6026A	A2 1:1000		
			60335576/C5B/C00/6027	A2 1:1000		
			60335576/C5B/C00/6028	A2 1:1000		
b) Mitigations of Cultural Heritage Imp	act ((EP Condition 2.10 & 2.11)					
i) Condition Survey and Vibration Impact Assessment	Locations of condition survey and vibration impact assessment.		60335576/C5B/C00/1002	A2 1:1000		
			60335576/C5B/C00/1003	A2 1:1000		
		Location of HFL05, FL02, FL04, FL24, FL27 and FL36 to be conducted	60335576/C5B/C00/1004	A2 1:1000	FL31 not within works area of ND/2019/05.	
			60335576/C5B/C00/1006	A2 1:1000		
			60335576/C5B/C00/1009	A2 1:1000		
ii) Photographic and cartographic records of FL19		FL19 Not Within Works A	rea of ND/2019/05			
c) Mitigations of Ecological Impacts (E	EP Condition 2.12 & 13))					
i) Maintain 10 m wide vegetated buffer for Siu Hang San Tsuen Stream and stream fauna, the hydrological linkage between the stream and the Ng Tung River	Not Within Works Area of ND/2019/05					
			60335576/C5B/C00/1031B	0/1031B A1 1:1000		
ii) To minimise adverse impacts on habitats of ecological importance in the vicinity of the Project, 2m high solid dull green site barrier fences shall be erected around all active works areas	2.4m high dull green site barrier fences will be erected. Actual locations are		60335576/C5B/C00/1032A	A1 1:1000		
	shown on the layouts.		60335576/C5B/C00/1033A	A1 1:1000		
			60335576/C5B/C00/1034B	A1 1:1000		

Summary of submission (EP-473/2013/A)

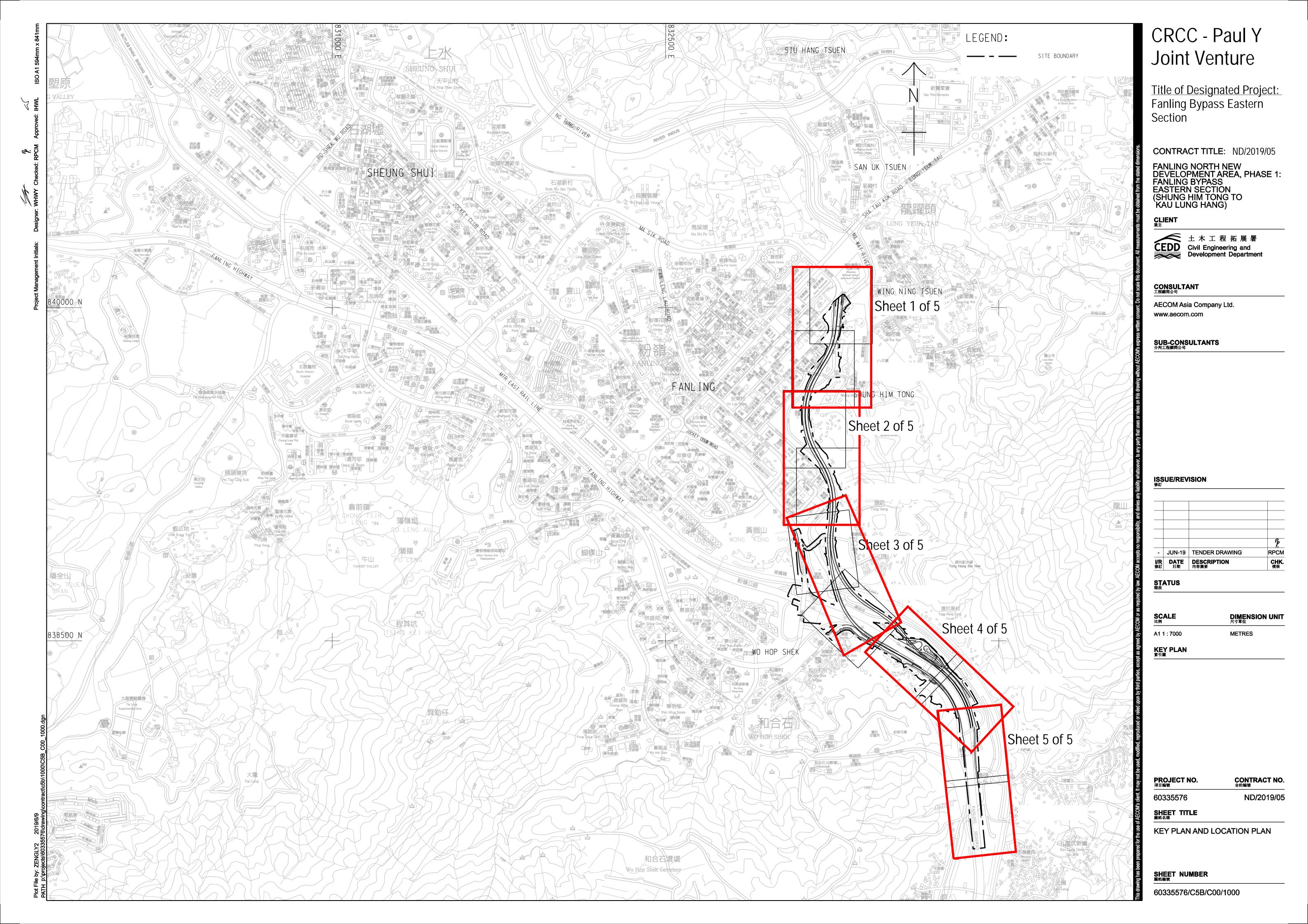
Submission of Layout Plans

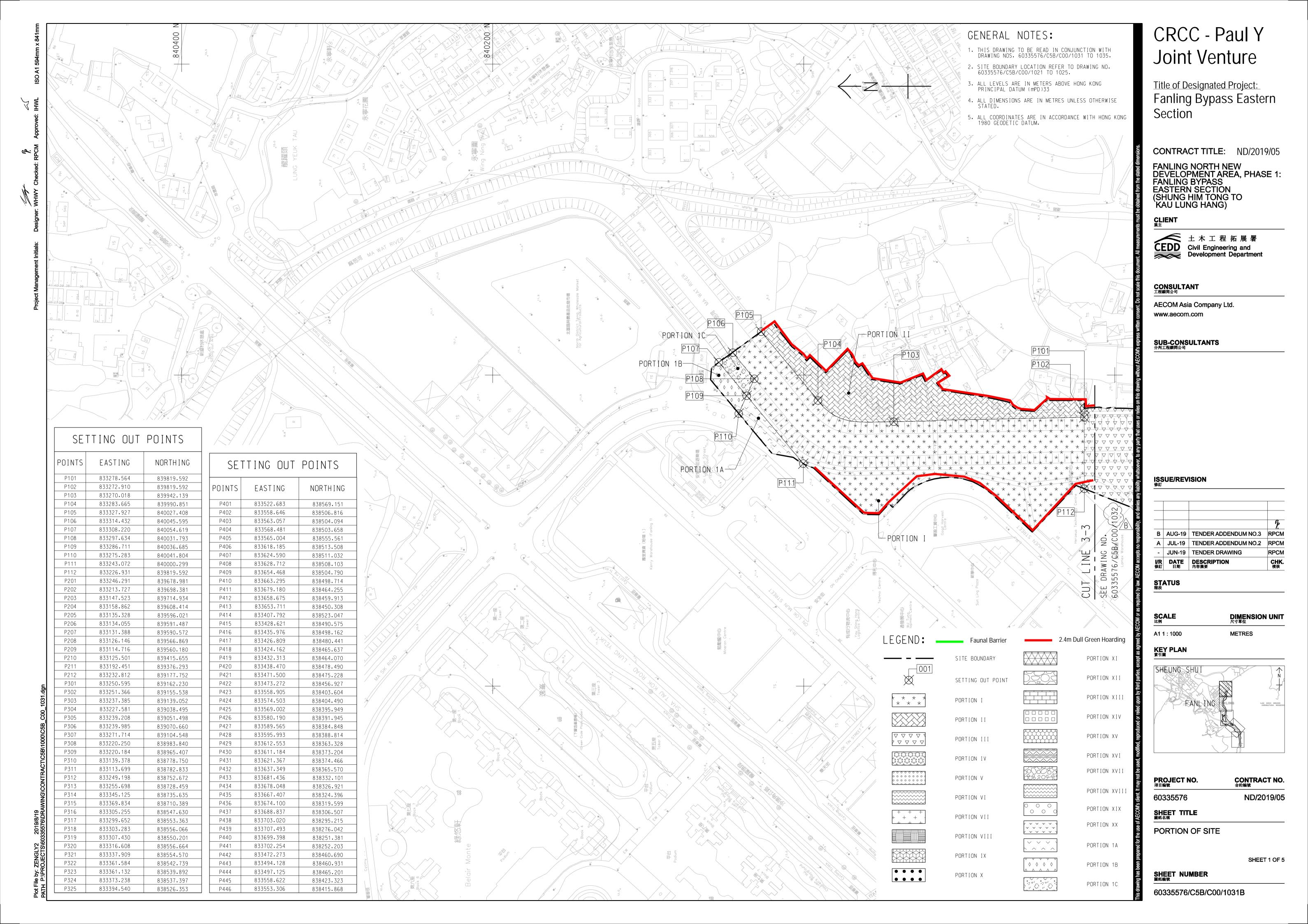
EP's Condition 2.5: The Permit Holder shall, no later than 2 weeks before the commencement of construction of the Project, deposit four hard copies and one electronic copy of location plan(s) of the Project with a scale of 1:1000 or other appropriate scale as agreed with the Director. The plans shall include the details the works boundaries, works areas, vertical and horizontal alignments of the roads and any other major facilities; and the locations of key environmental mitigation measures.

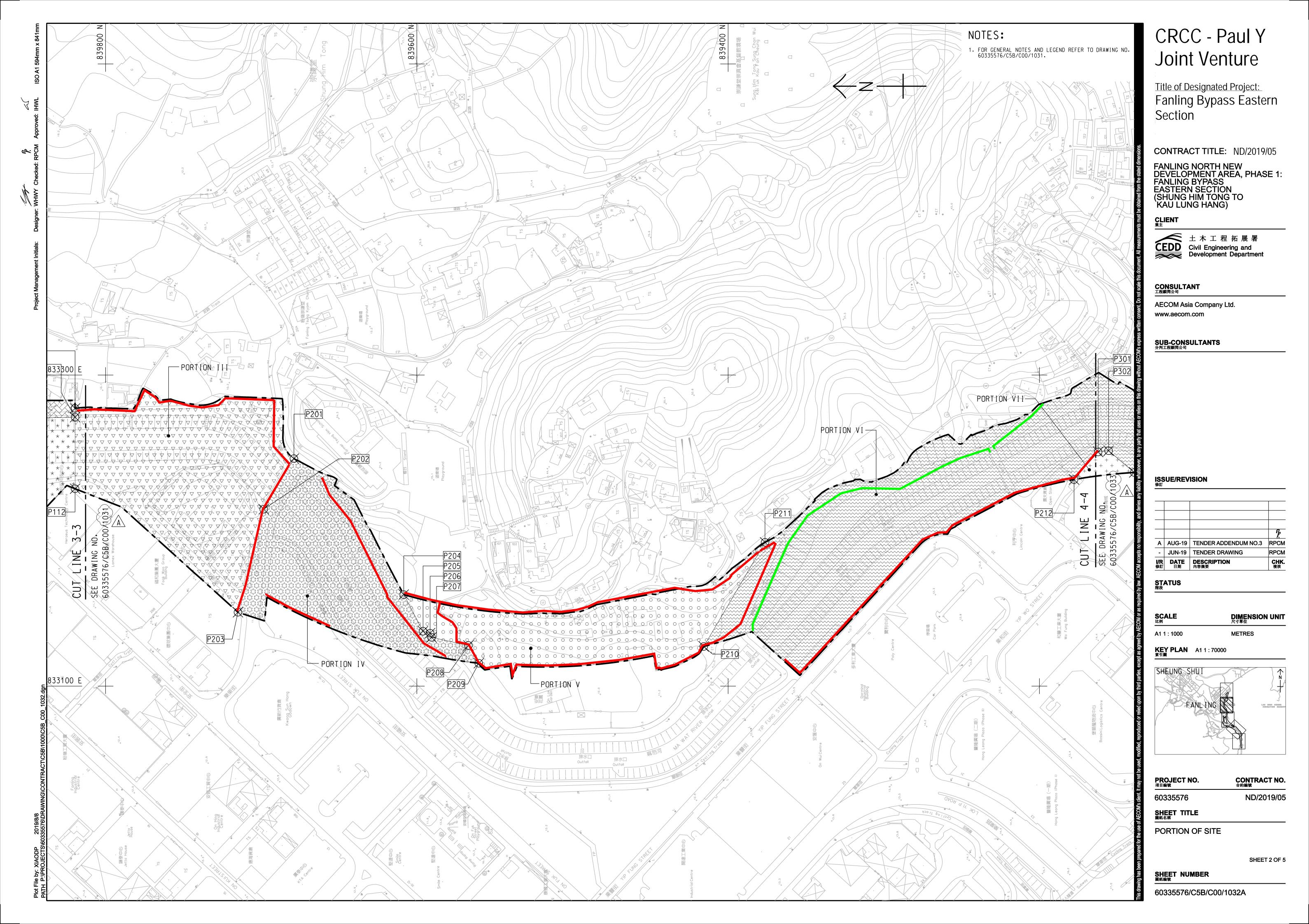
Table of Summary for Submission

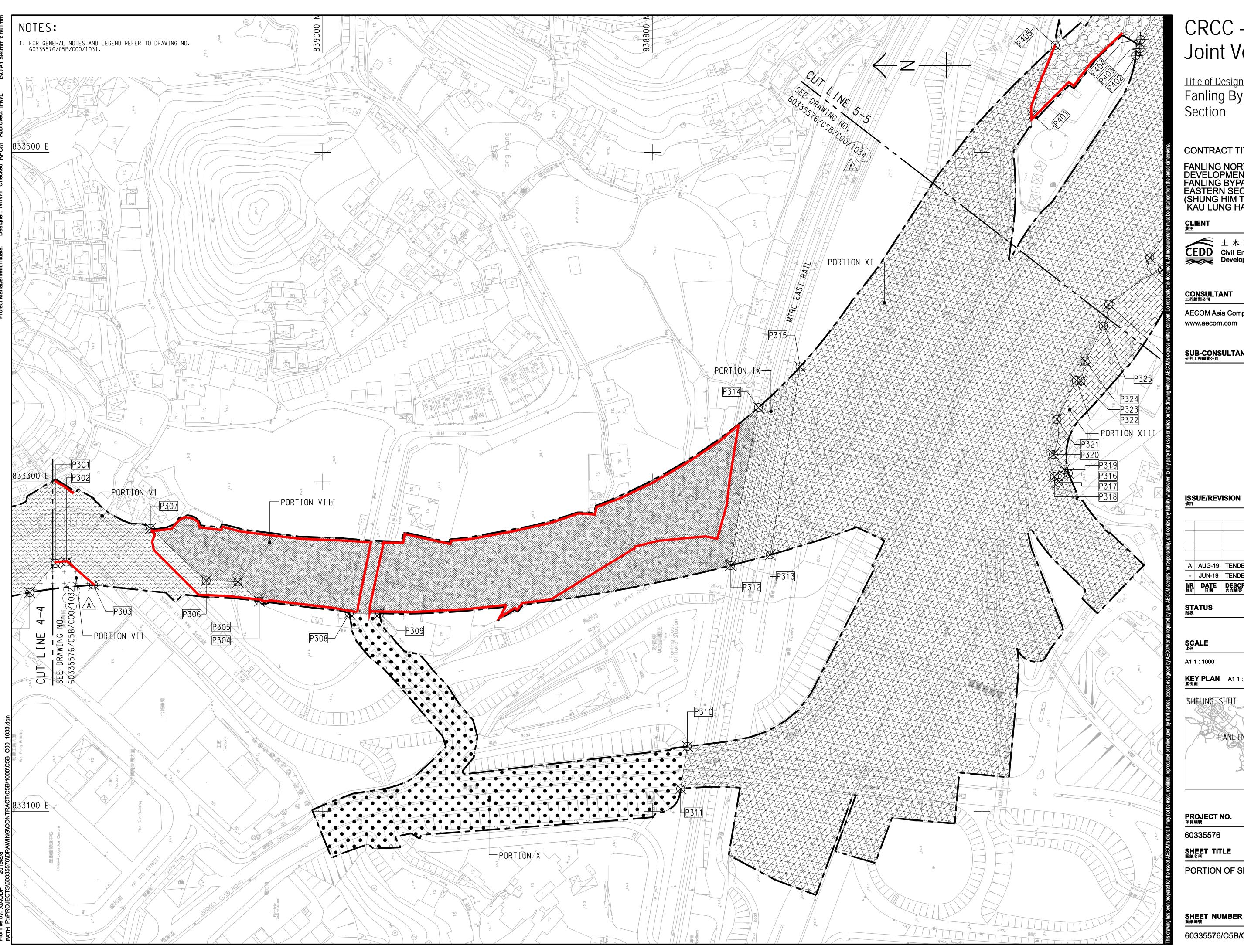
Requirements of Condition 2.5	EP required detail		Layout Details		
of EP-473/2013/A	Er roquiroù dotair	Detail	Reference No.	Scale	Remarks
d) Mitigations of Ecological impacts (F	Figure 13.15c of EIA report)				
			60335576/C5B/C00/1032A	A1 1:1000	
Solid faunal barriers adjacent to active works areas during construction phase of the Project	Locations of Solid Faunal Barriers		60335576/C5B/C00/1034B	A1 1:1000	Faunal barrier indicated in Fig. 13.15c not Within Works Area of ND/2019/05 will not be erected.
e) Low Noise Road Surfacing for Traff	ic Noise Mitigation (Section 4.8.2 and A	Appendix 4.16 of EIA report)			
			60335576/C5B/C00/1221B	A2 1:1000	
			60335576/C5B/C00/1222	A2 1:1000	A2 1:1000 A2 1:1000 A2 1:1000
			60335576/C5B/C00/1223	A2 1:1000	
Roads with a speed greater than 70 km/h with Low noise road surfacing			60335576/C5B/C00/1224	A2 1:1000	
	Areas of low noise road surfacing		60335576/C5B/C00/1225C	A2 1:1000	
	A wood of low Holde road during		A2 1:1000		
			60335576/C5B/C00/1227B	A2 1:1000	
			60335576/C5B/C00/1228B	A2 1:1000	
			60335576/C5B/C00/1229B	A2 1:1000	
			60335576/C5B/C00/1230	A2 1:1000	

Layouts for "Works Boundaries and Works Areas" and "Locations of 2.4m high dull green site barrier fences and Solid Faunal Barriers"









Title of Designated Project: Fanling Bypass Eastern Section

CONTRACT TITLE: ND/2019/05

FANLING NORTH NEW
DEVELOPMENT AREA, PHASE 1:
FANLING BYPASS
EASTERN SECTION
(SHUNG HIM TONG TO
KAU LUNG HANG)

上木工程拓展署
Civil Engineering and
Development Department

AECOM Asia Company Ltd.

www.aecom.com

SUB-CONSULTANTS 分判工程顧問公司

A AUG-19 TENDER ADDENDUM NO.3 RPCM JUN-19 | TENDER DRAWING

KEY PLAN A1 1:70000 索引圖

SHEUNG SHUI

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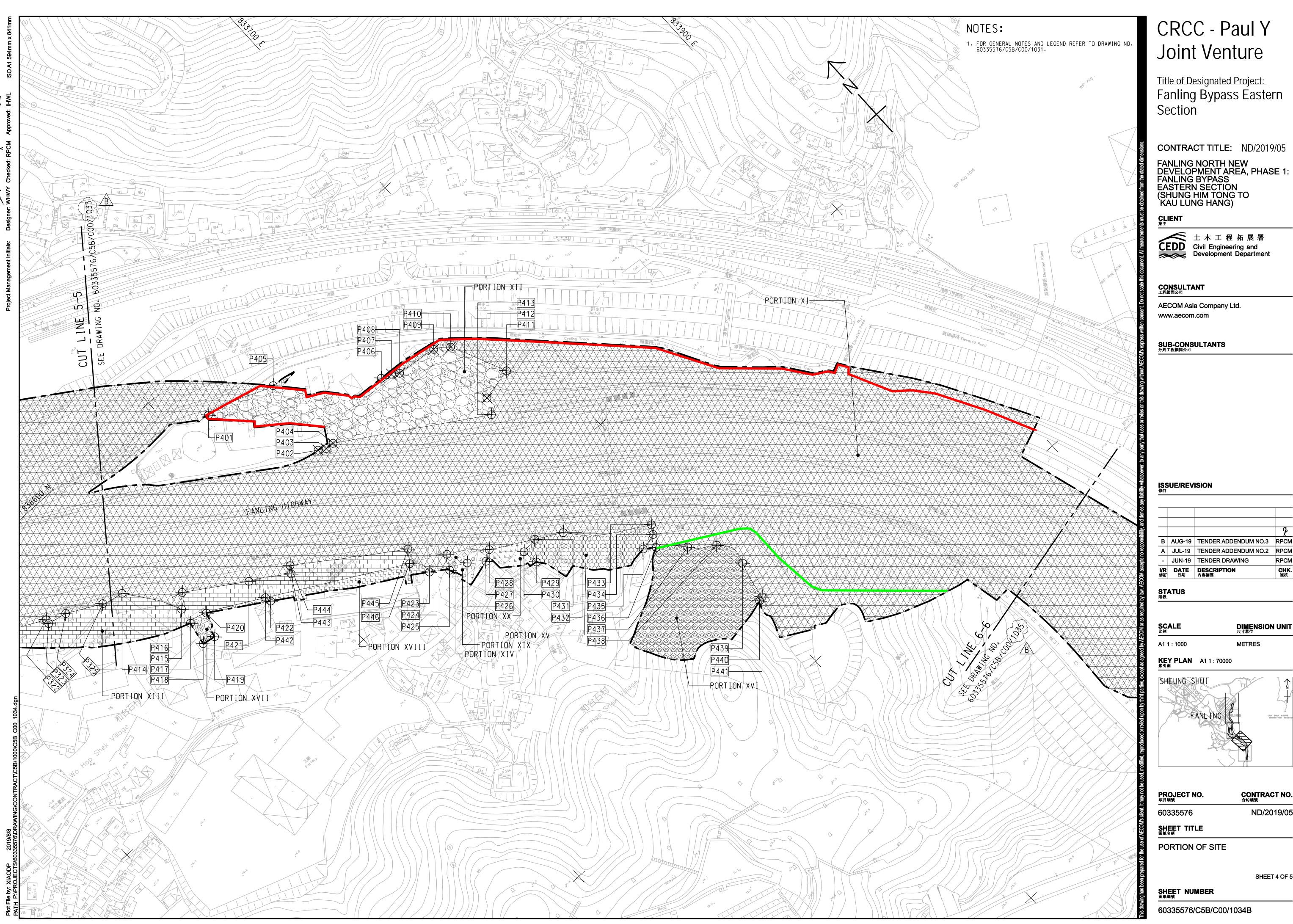
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PROJECT NO. ^{項目編號} CONTRACT NO. ^{合約編號} ND/2019/05

PORTION OF SITE

SHEET 3 OF 5

60335576/C5B/C00/1033A



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Fanling Bypass Eastern Section

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FANLING NORTH NEW
DEVELOPMENT AREA, PHASE 1:
FANLING BYPASS
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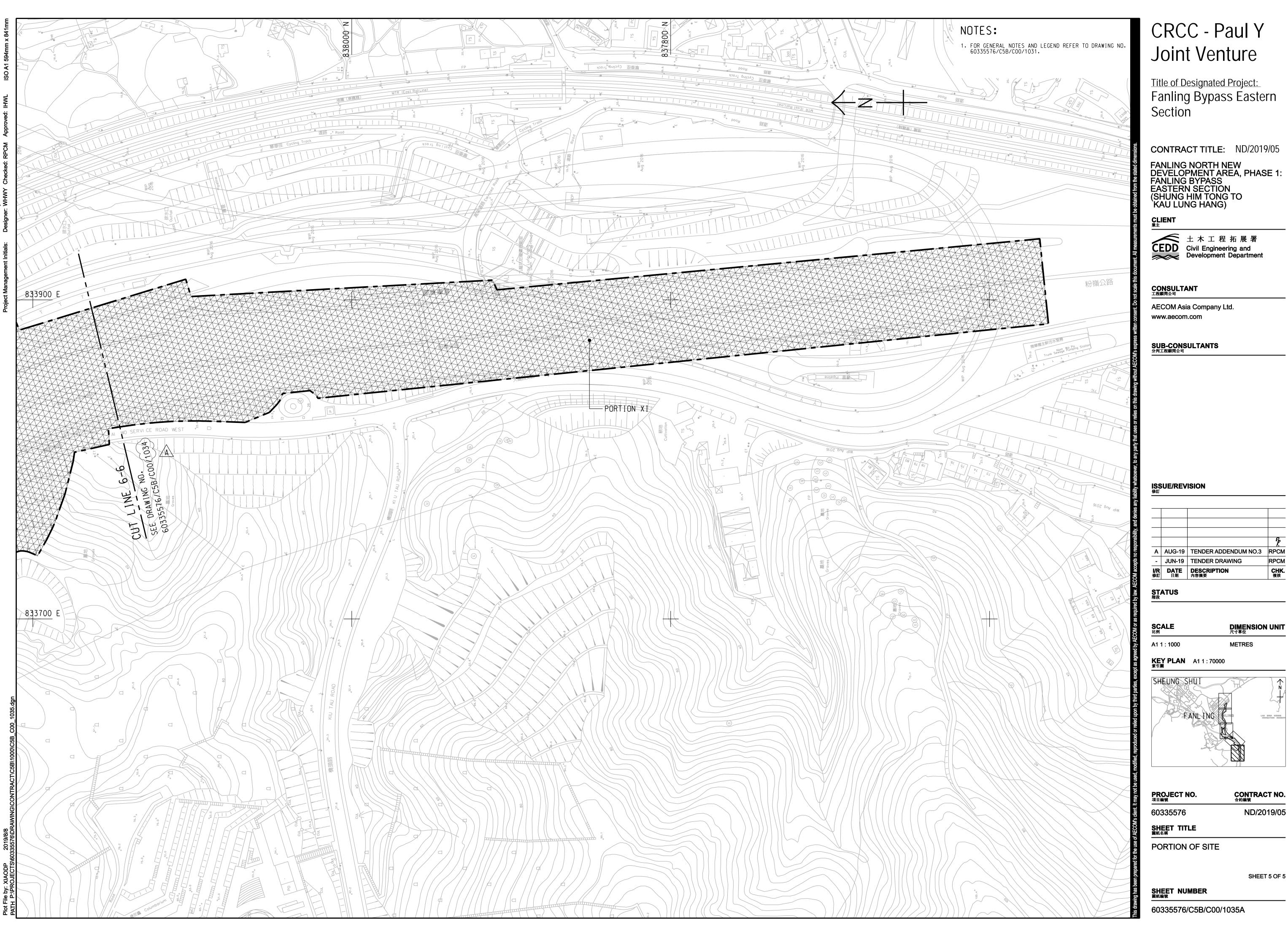
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ND/2019/05

SHEET 4 OF 5

METRES

上木工程拓展署
Civil Engineering and Development Department



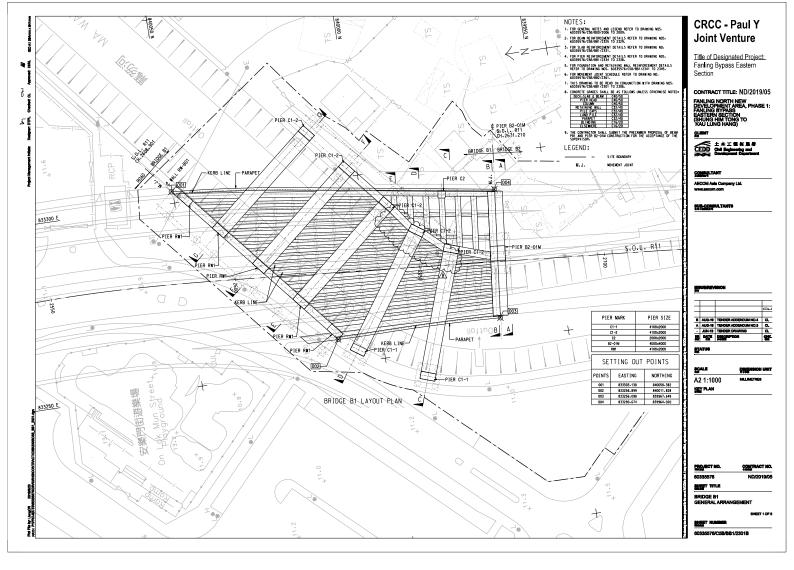
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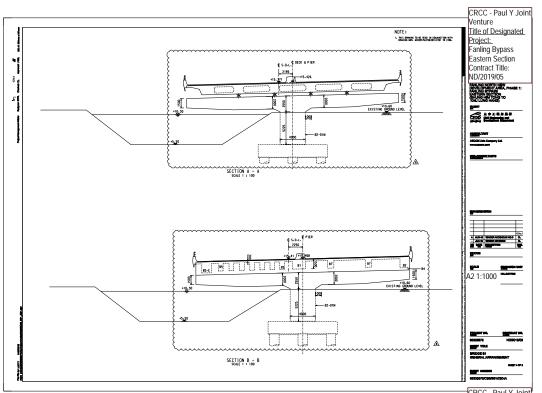
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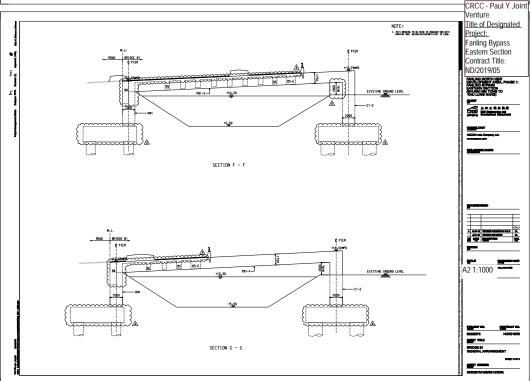
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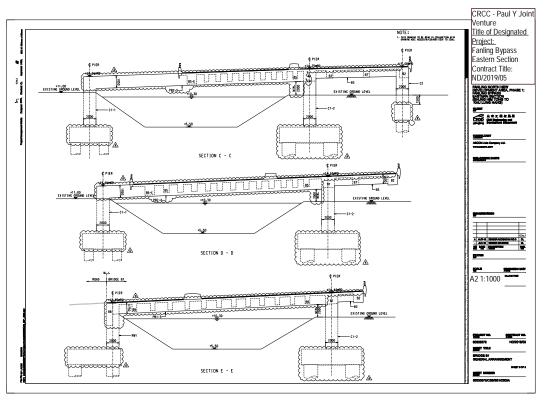
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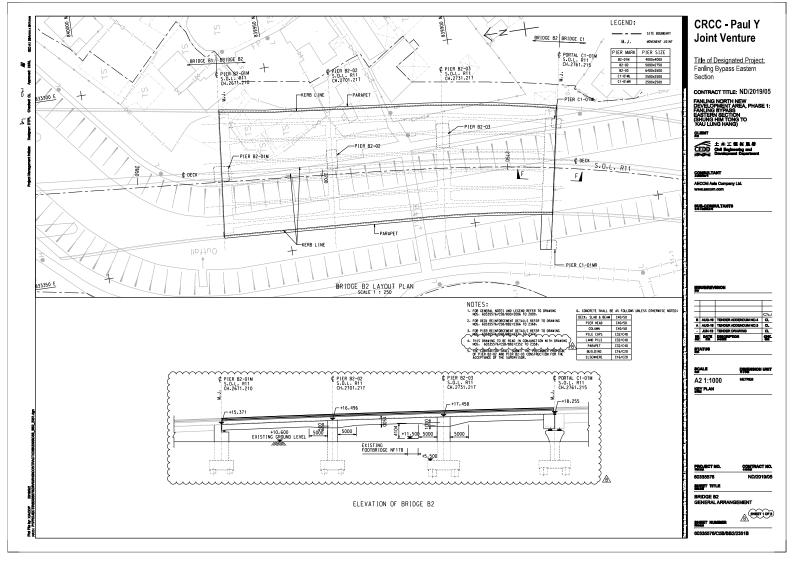
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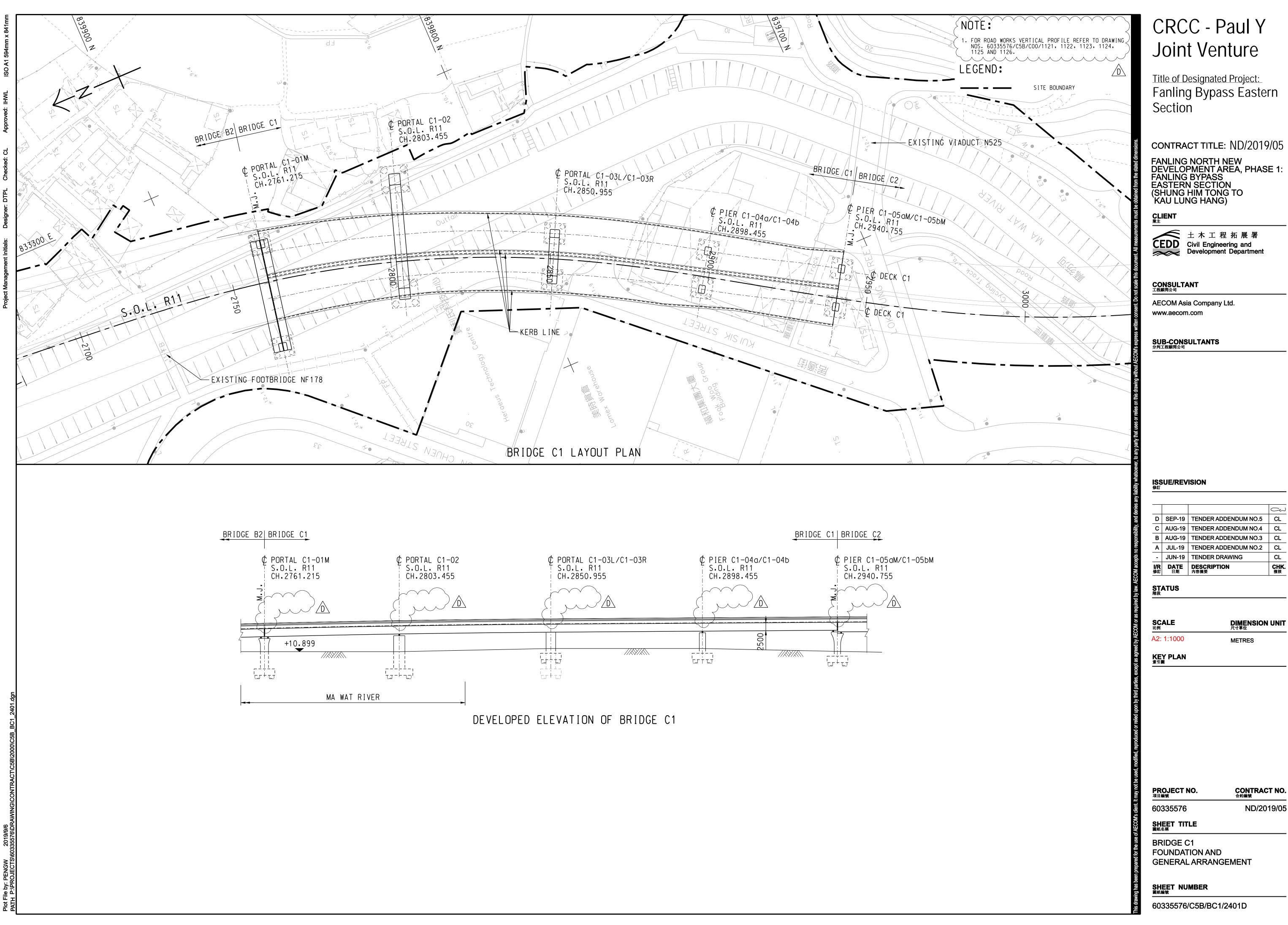












60335576/C5B/BC1/2401D

FOUNDATION AND GENERAL ARRANGEMENT

ND/2019/05

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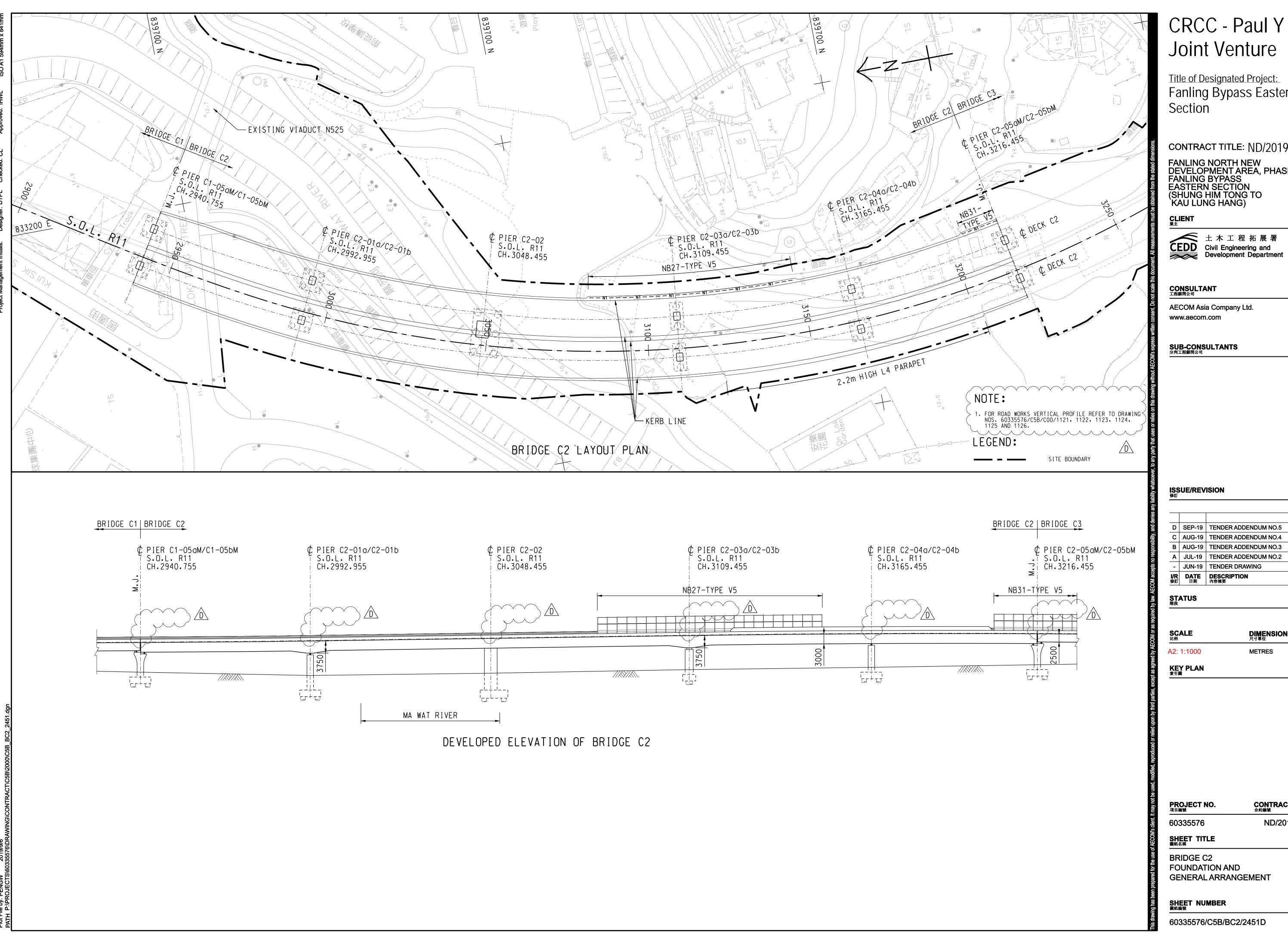
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SHEET TITLE 圖紙名稱

Section

Fanling Bypass Eastern



60335576/C5B/BC2/2451D

SHEET NUMBER 圖紙編號

FOUNDATION AND GENERAL ARRANGEMENT

SHEET TITLE 圖紙名稱

CONTRACT NO. ^{合約編號} ND/2019/05

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SUB-CONSULTANTS 分判工程顧問公司

AECOM Asia Company Ltd.

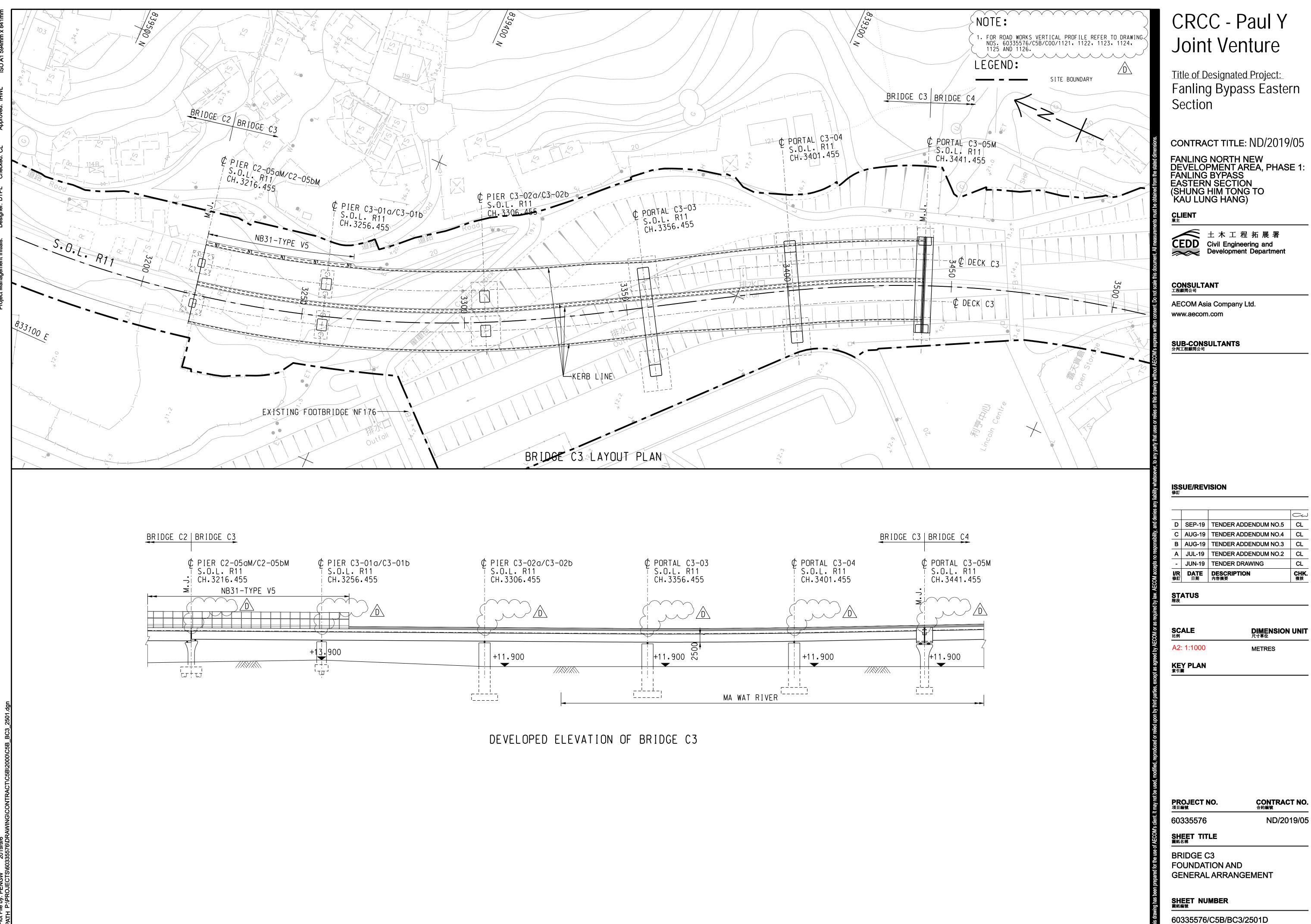
FANLING NORTH NEW
DEVELOPMENT AREA, PHASE 1:
FANLING BYPASS
EASTERN SECTION
(SHUNG HIM TONG TO
KAU LUNG HANG)

CONTRACT TITLE: ND/2019/05

Section

Fanling Bypass Eastern

CRCC - Paul Y Joint Venture



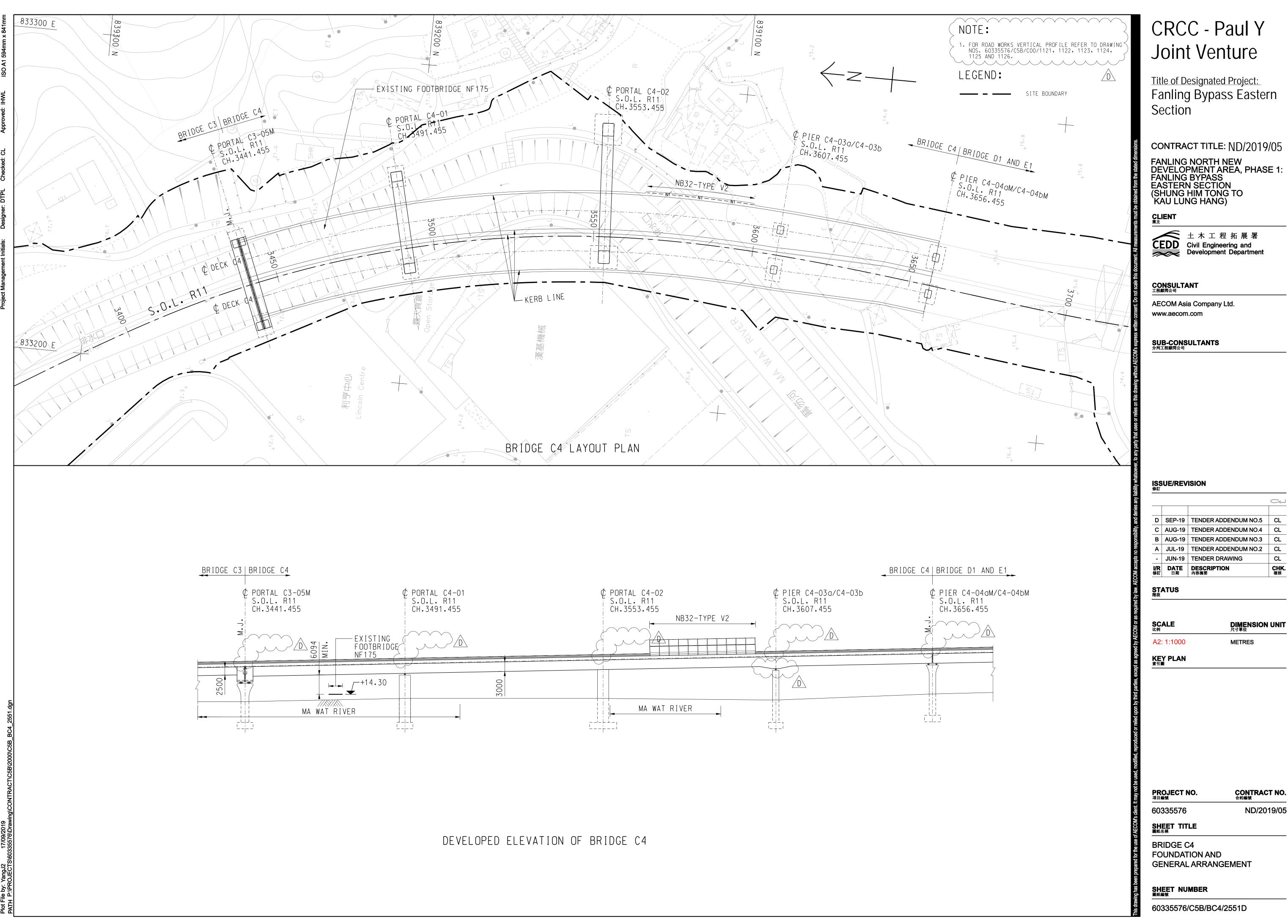
Joint Venture

Fanling Bypass Eastern

CONTRACT TITLE: ND/2019/05

CHK. 複核

Title of Designated Project:



60335576/C5B/BC4/2551D

FOUNDATION AND GENERAL ARRANGEMENT

BRIDGE C4

ND/2019/05

60335576

PROJECT NO. ^{項目編號}

CONTRACT NO. ^{合約編號}

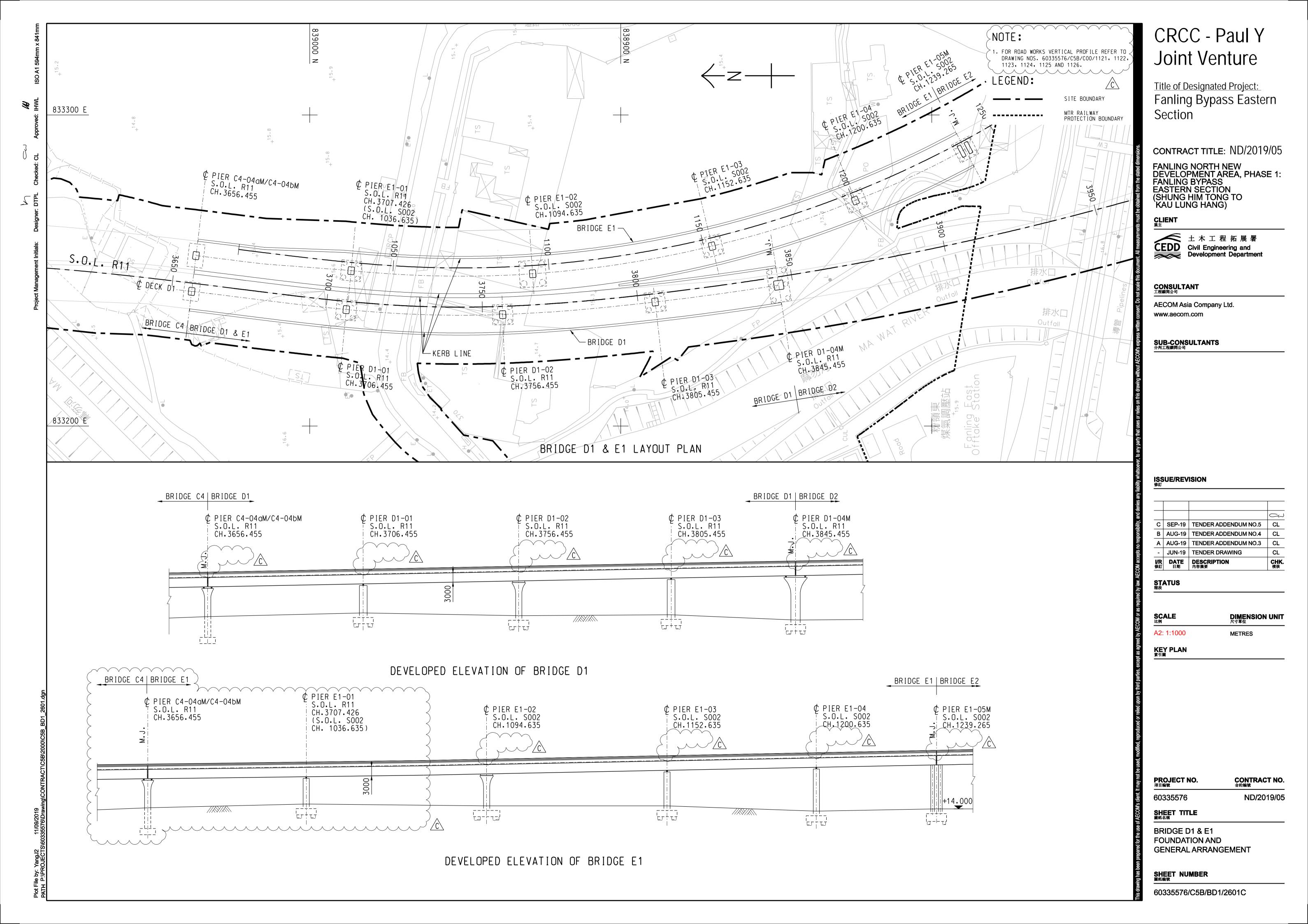
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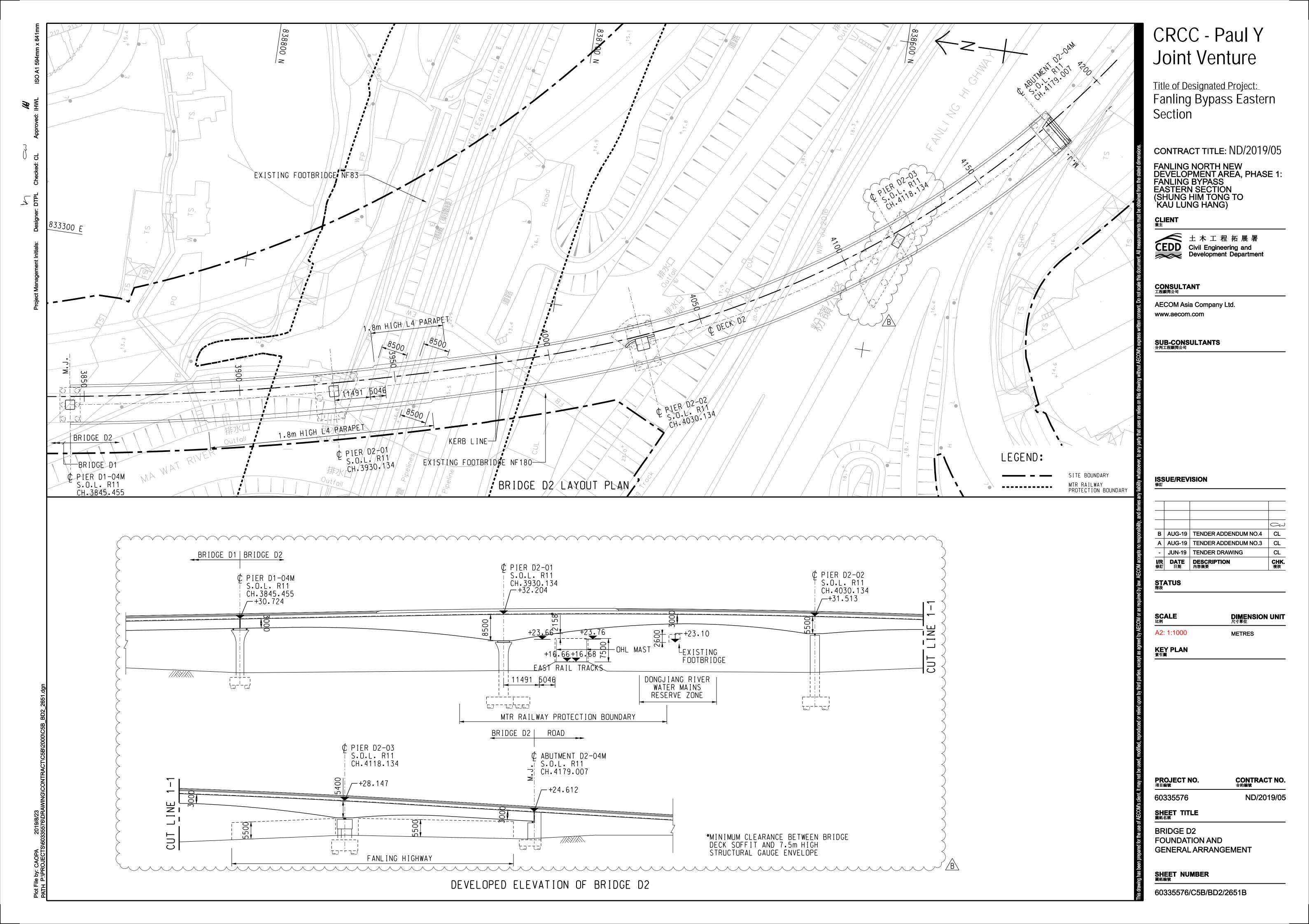
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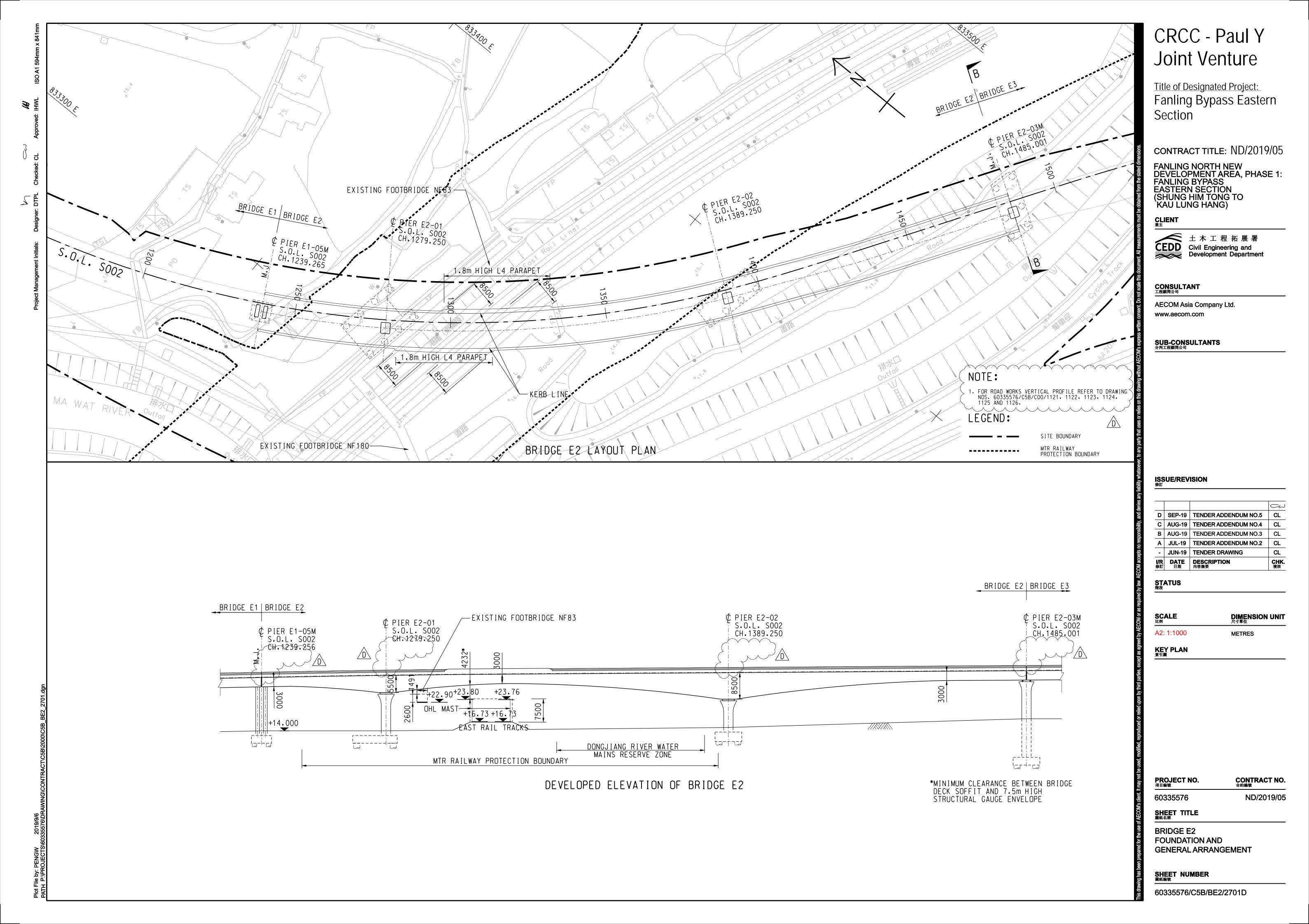
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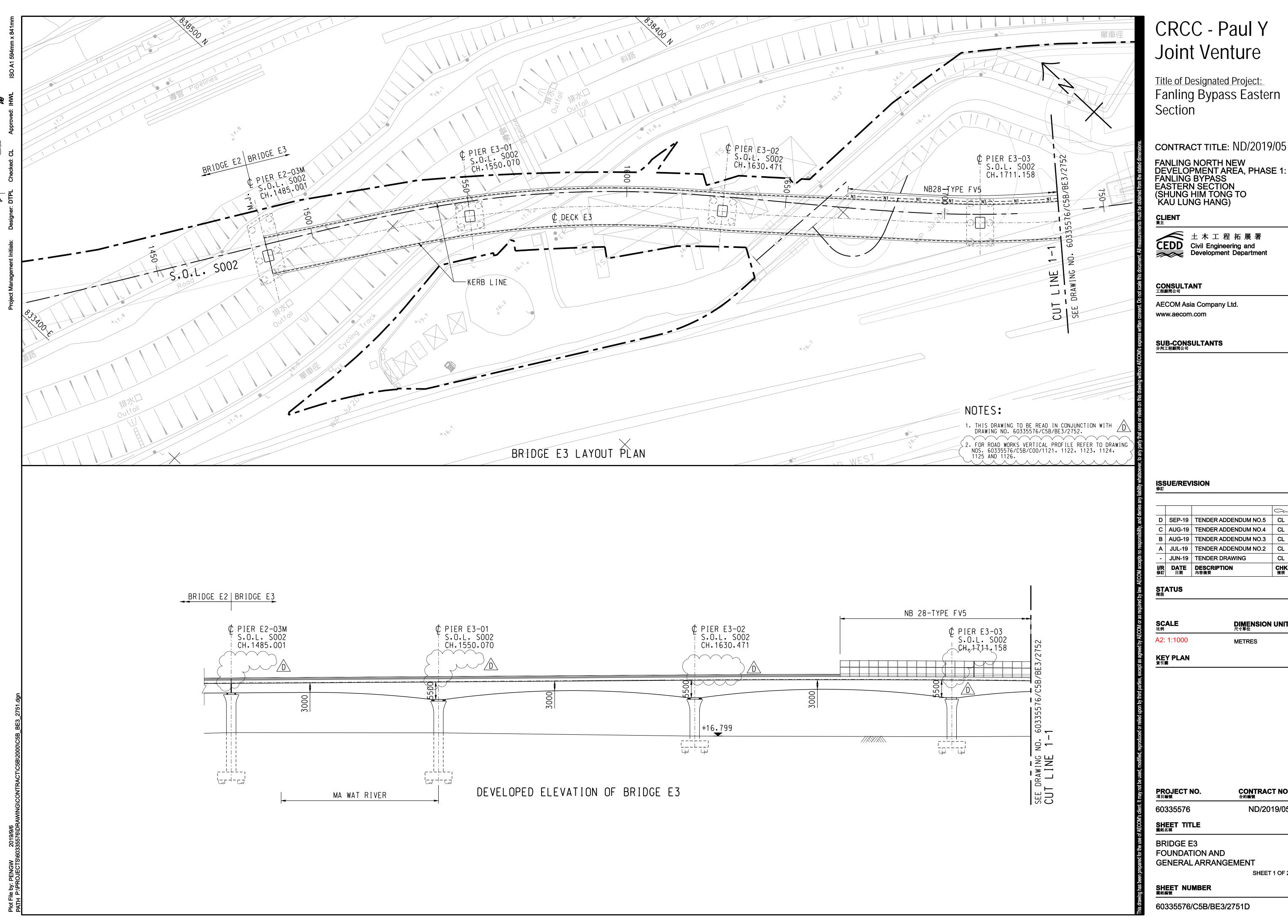
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FANLING NORTH NEW
DEVELOPMENT AREA, PHASE 1:
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上木工程拓展署
Civil Engineering and Development Department

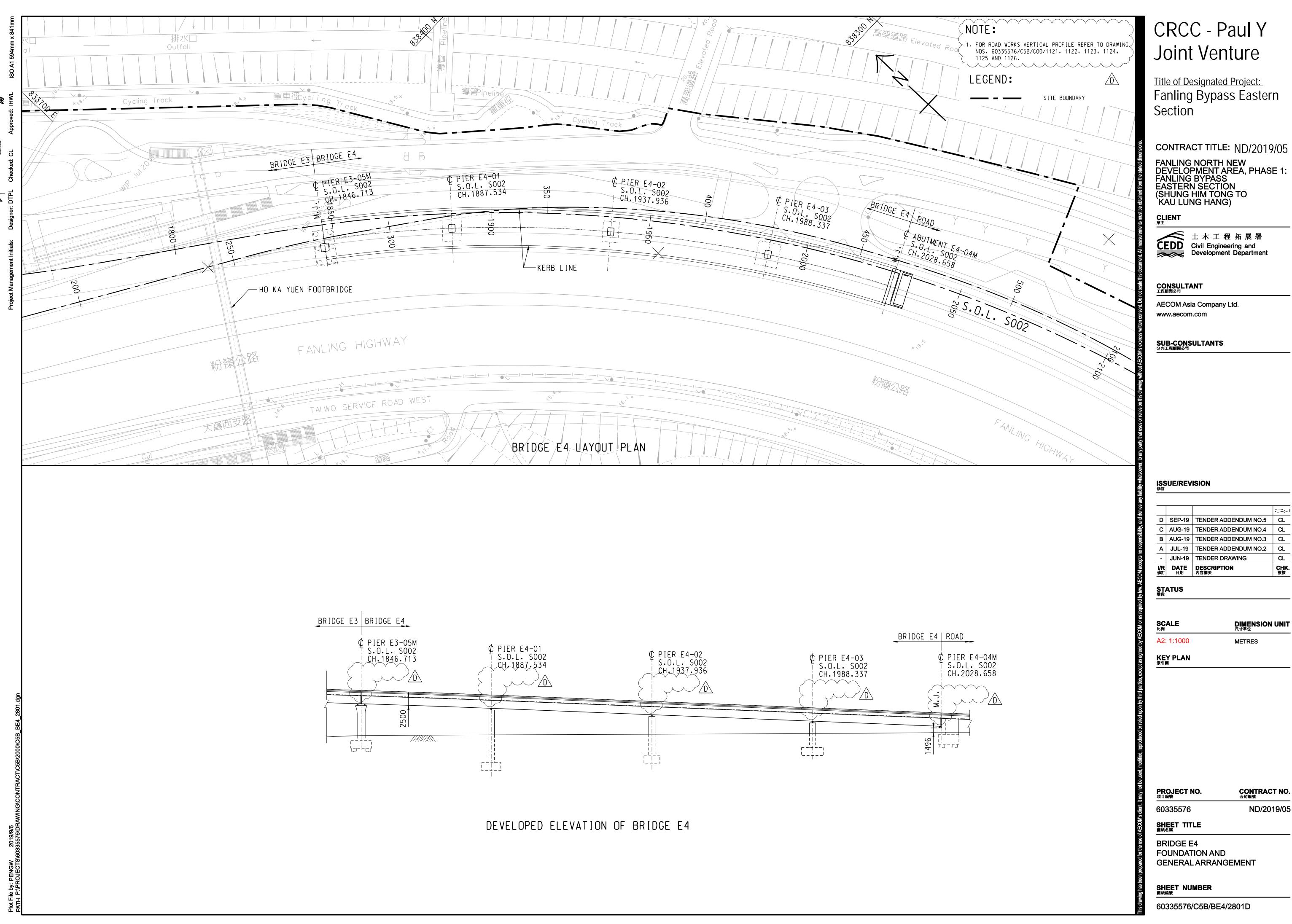
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CONTRACT NO. ^{合約編號}

ND/2019/05

SHEET 1 OF 2

METRES



60335576/C5B/BE4/2801D

SHEET NUMBER 圖紙編號

GENERAL ARRANGEMENT

FOUNDATION AND

SHEET TITLE 圖紙名稱

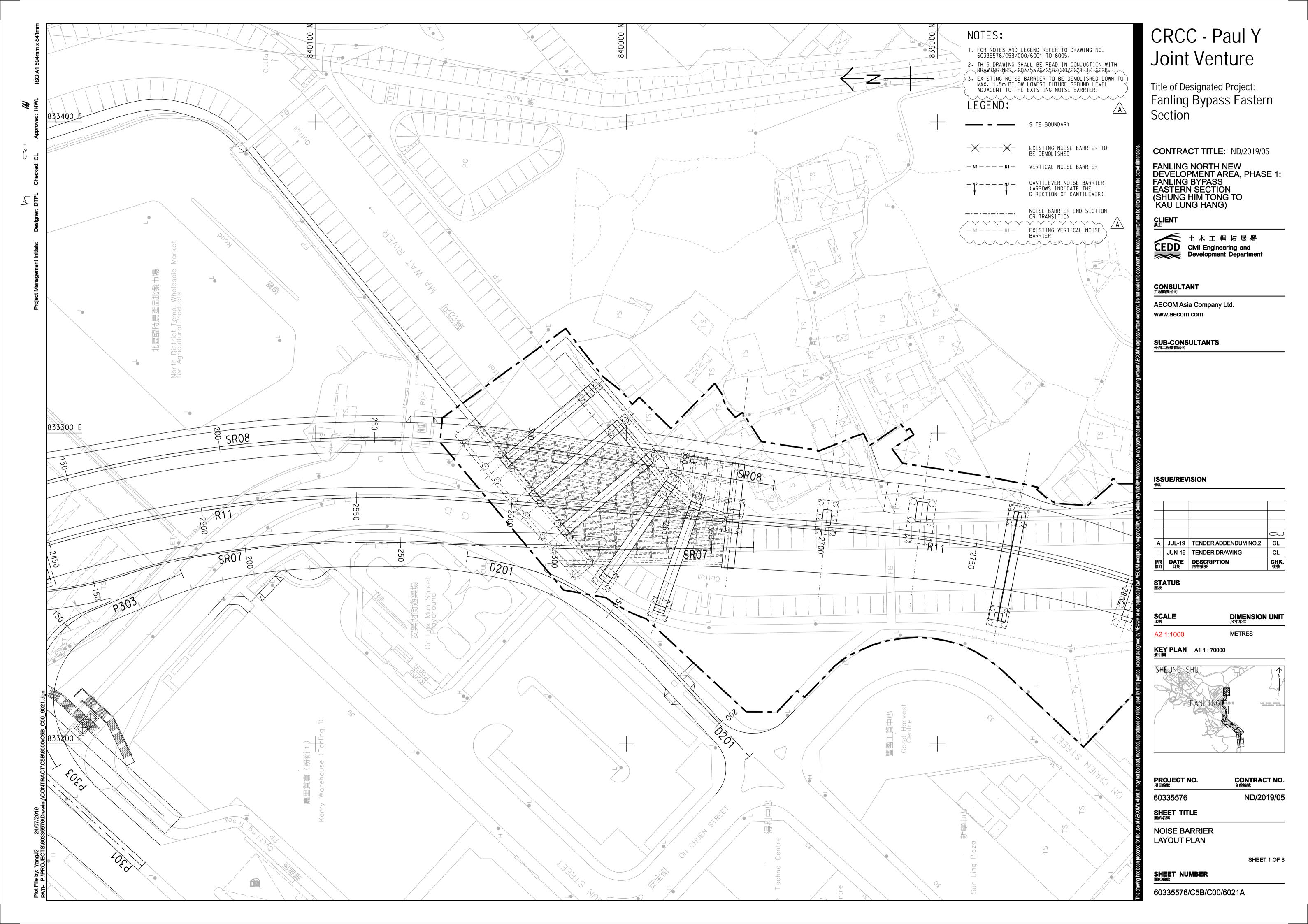
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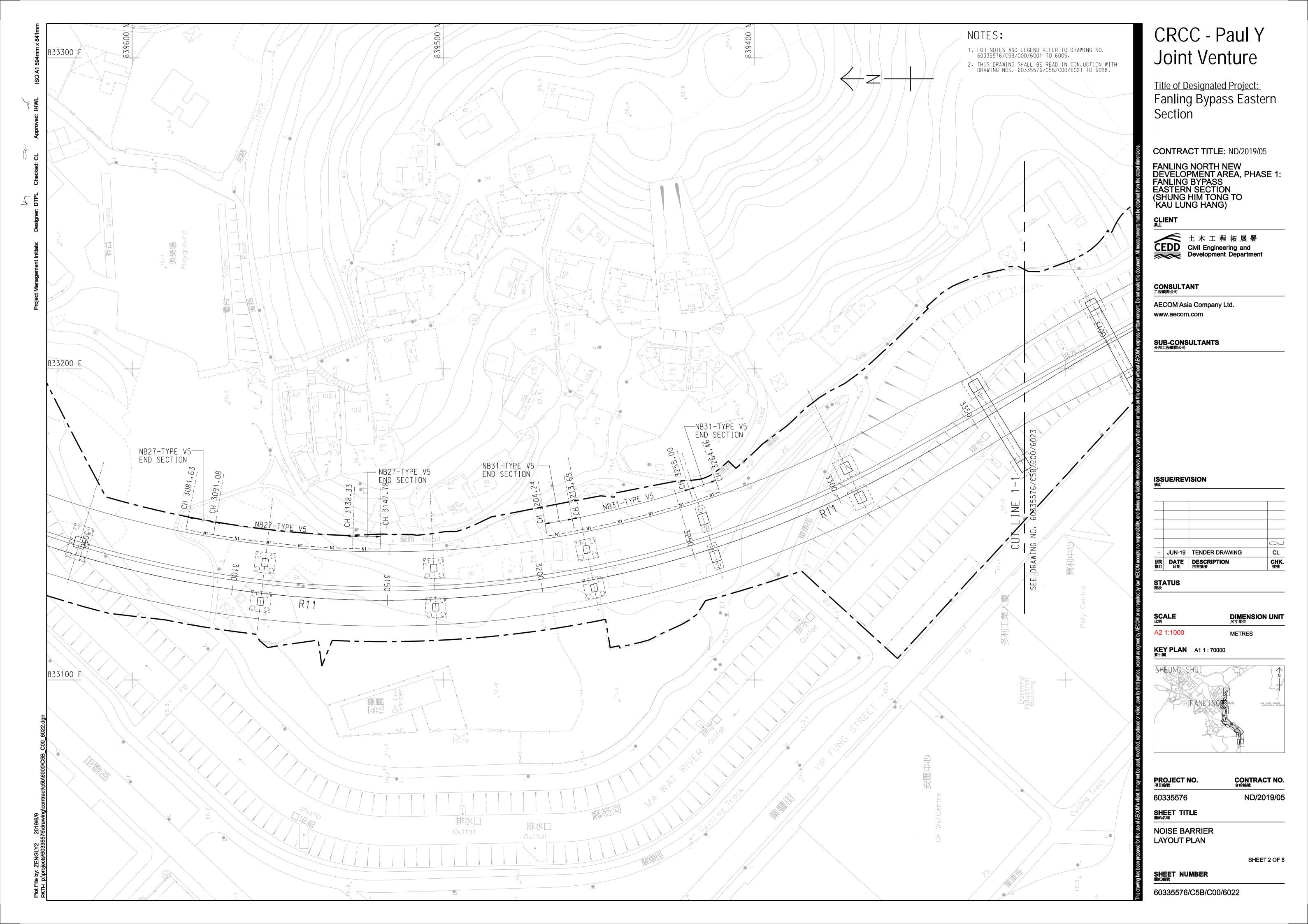
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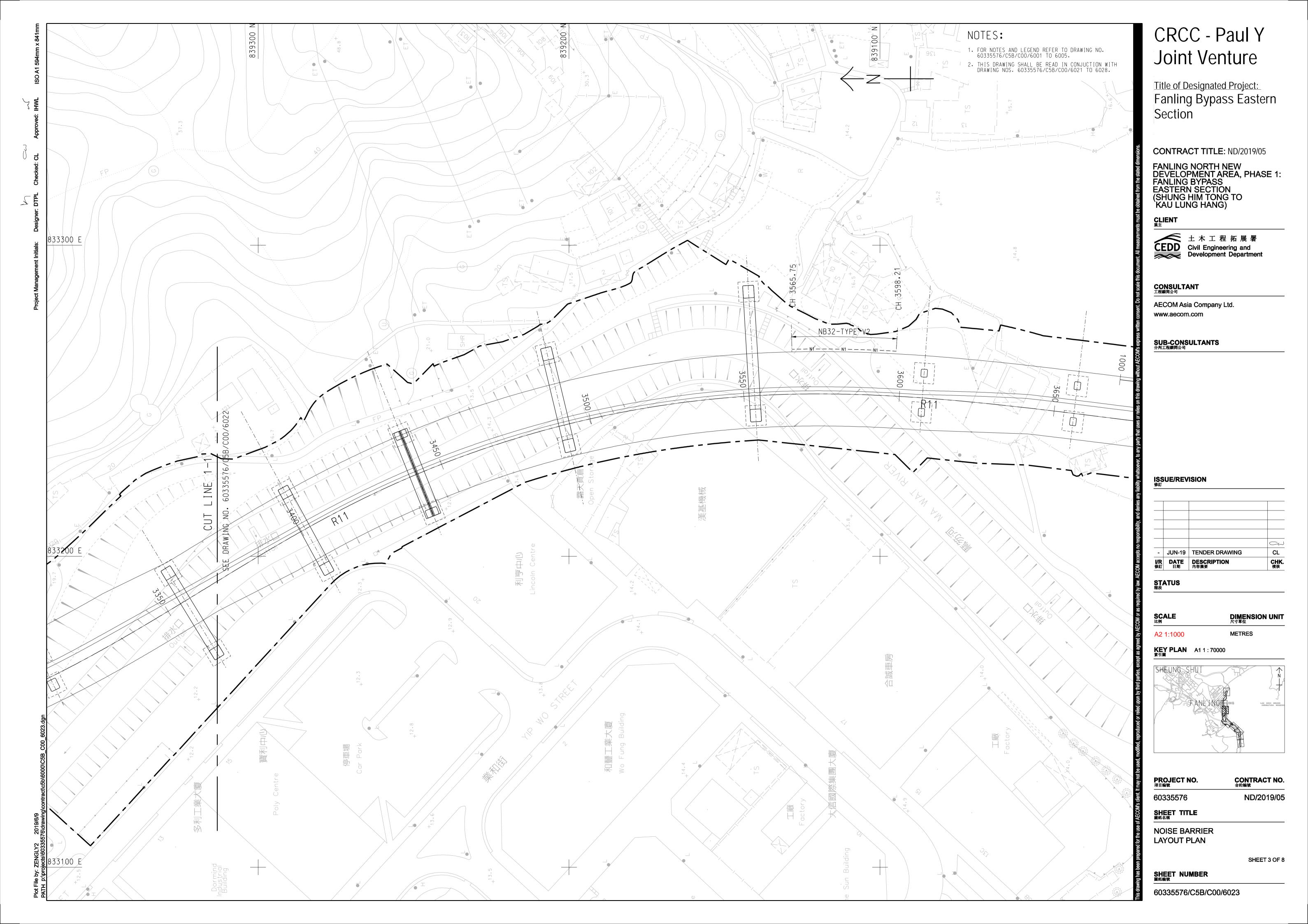
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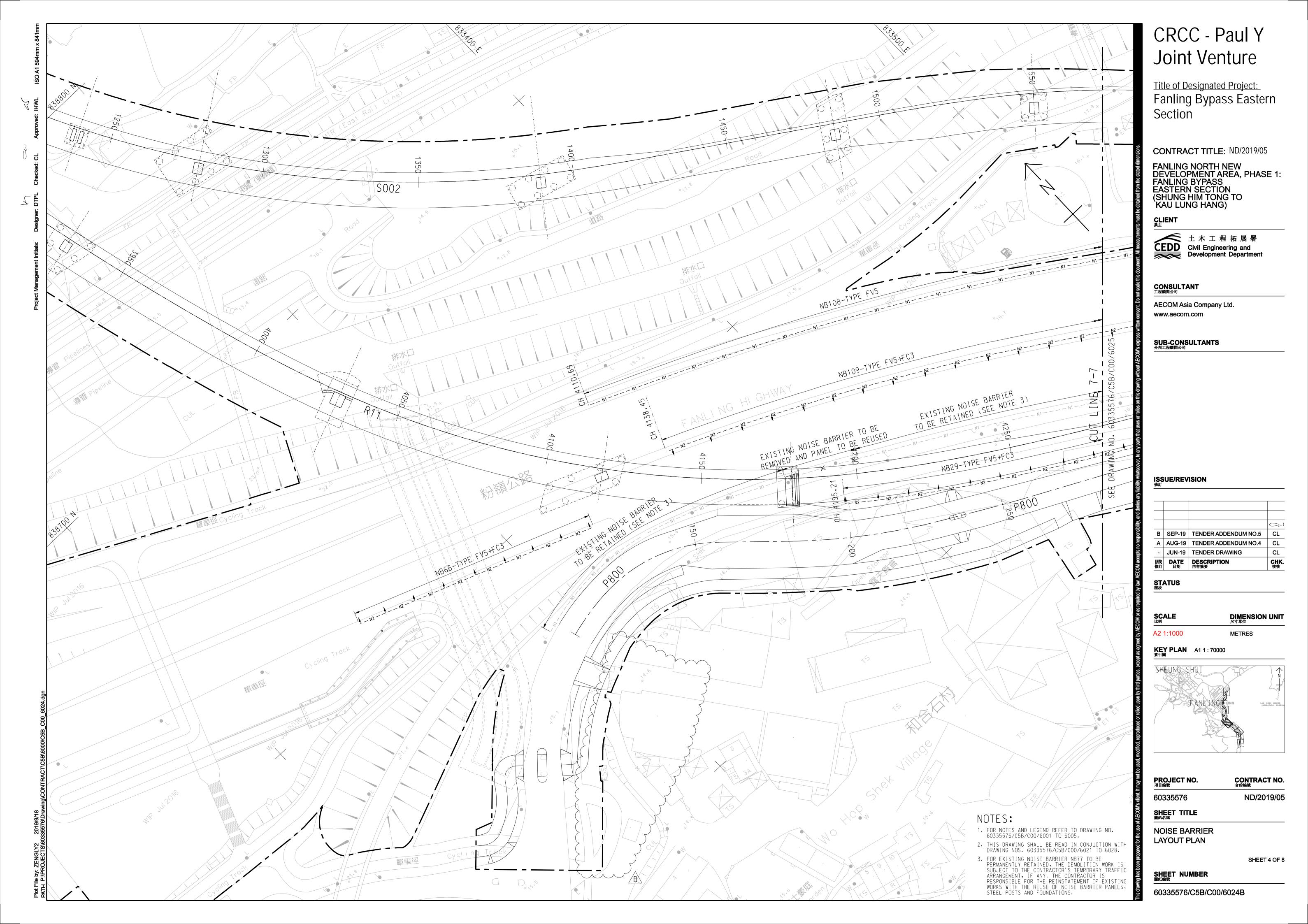
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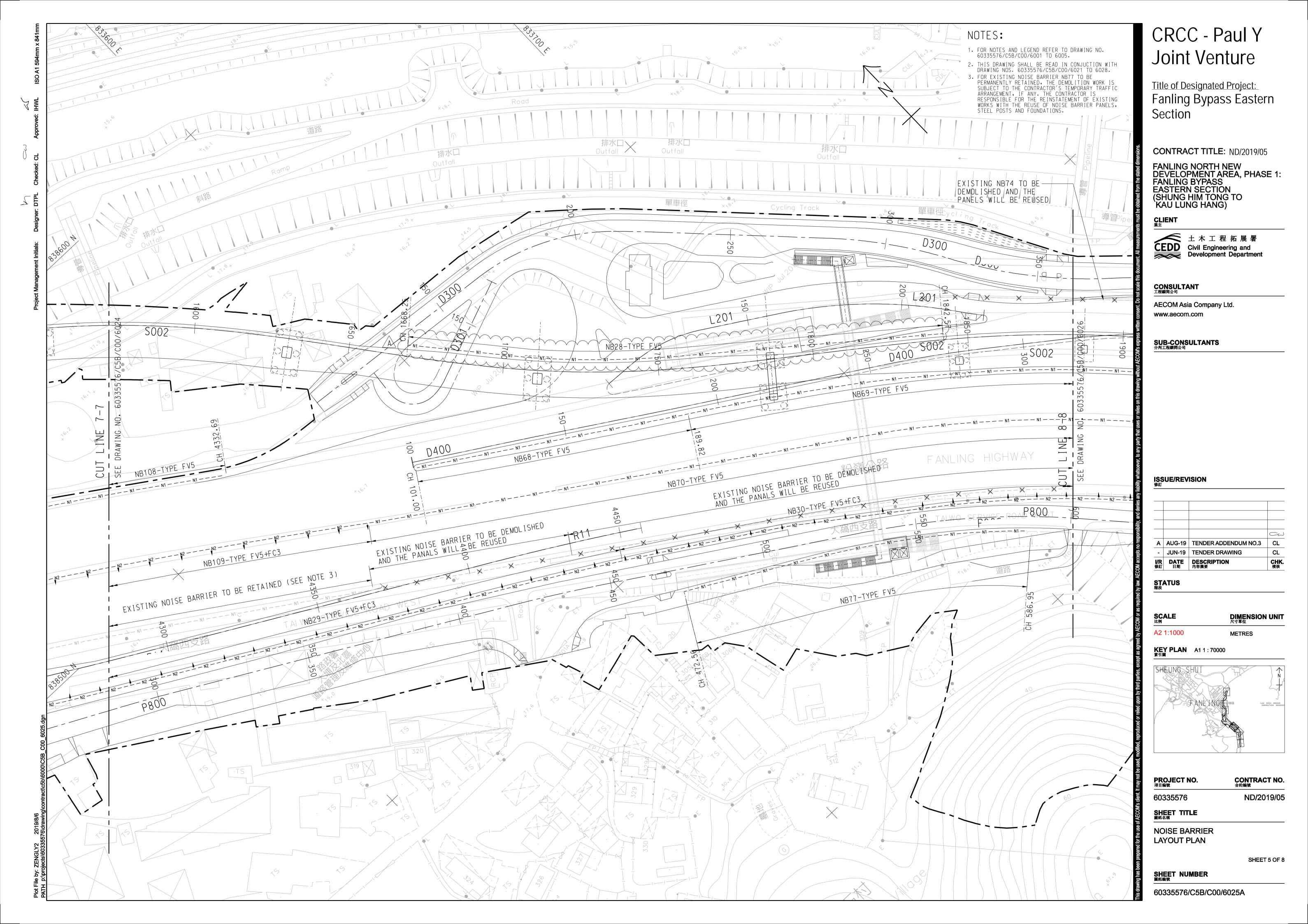
Layouts for "Permanent Noise Barriers for traffic noise mitigation"					
	· "Permanent	Noise	Barriers	for traffic n	oise

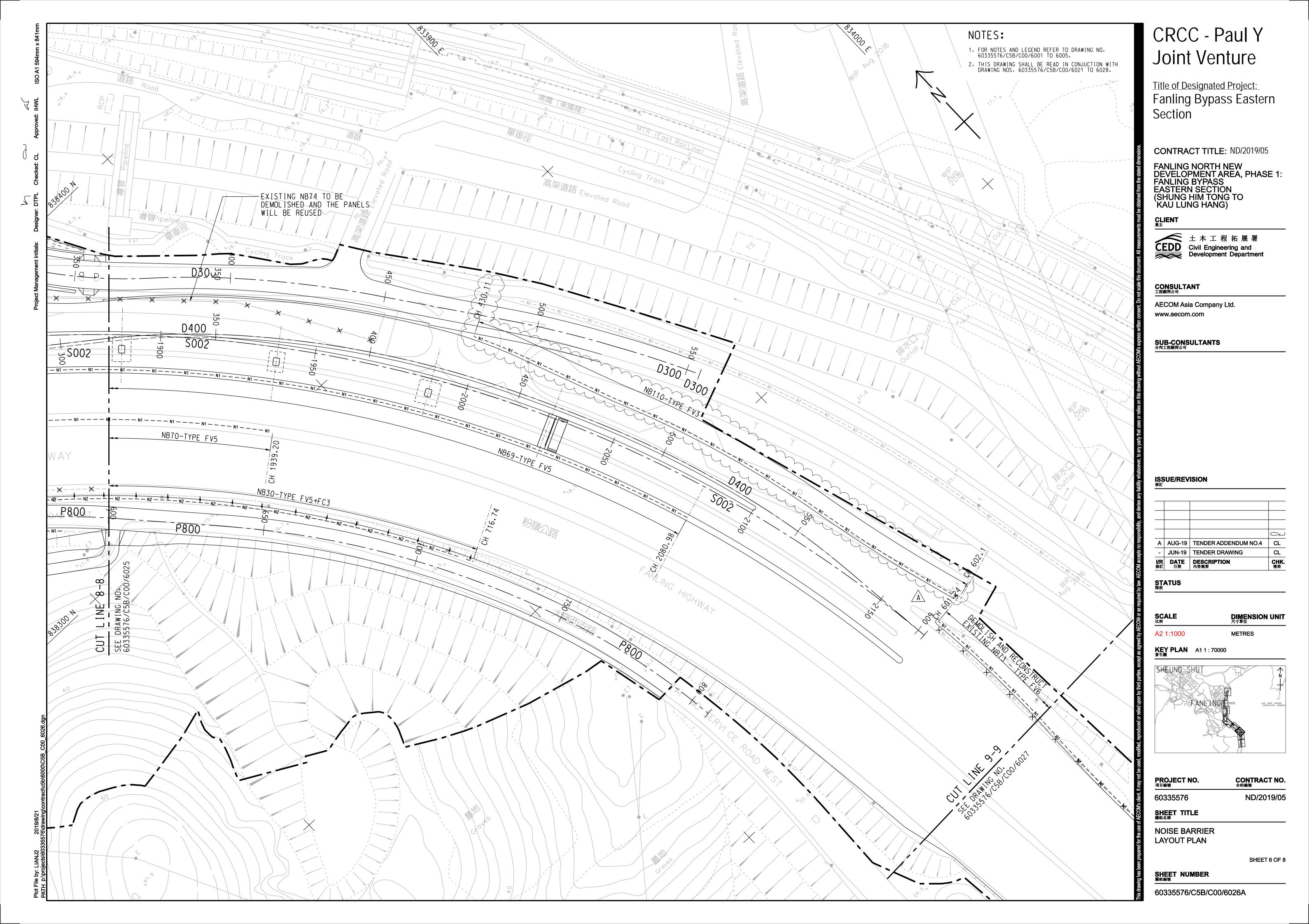


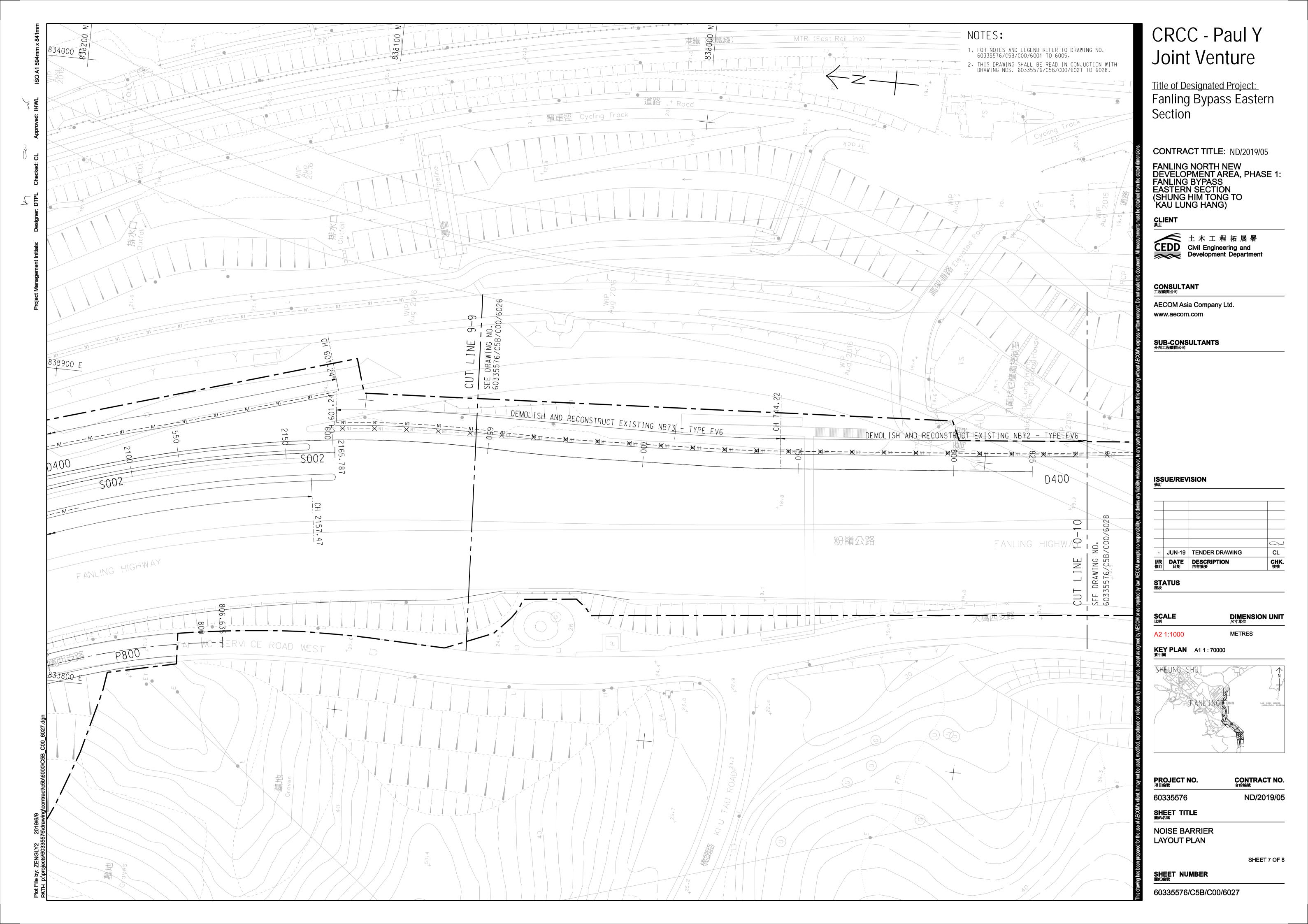


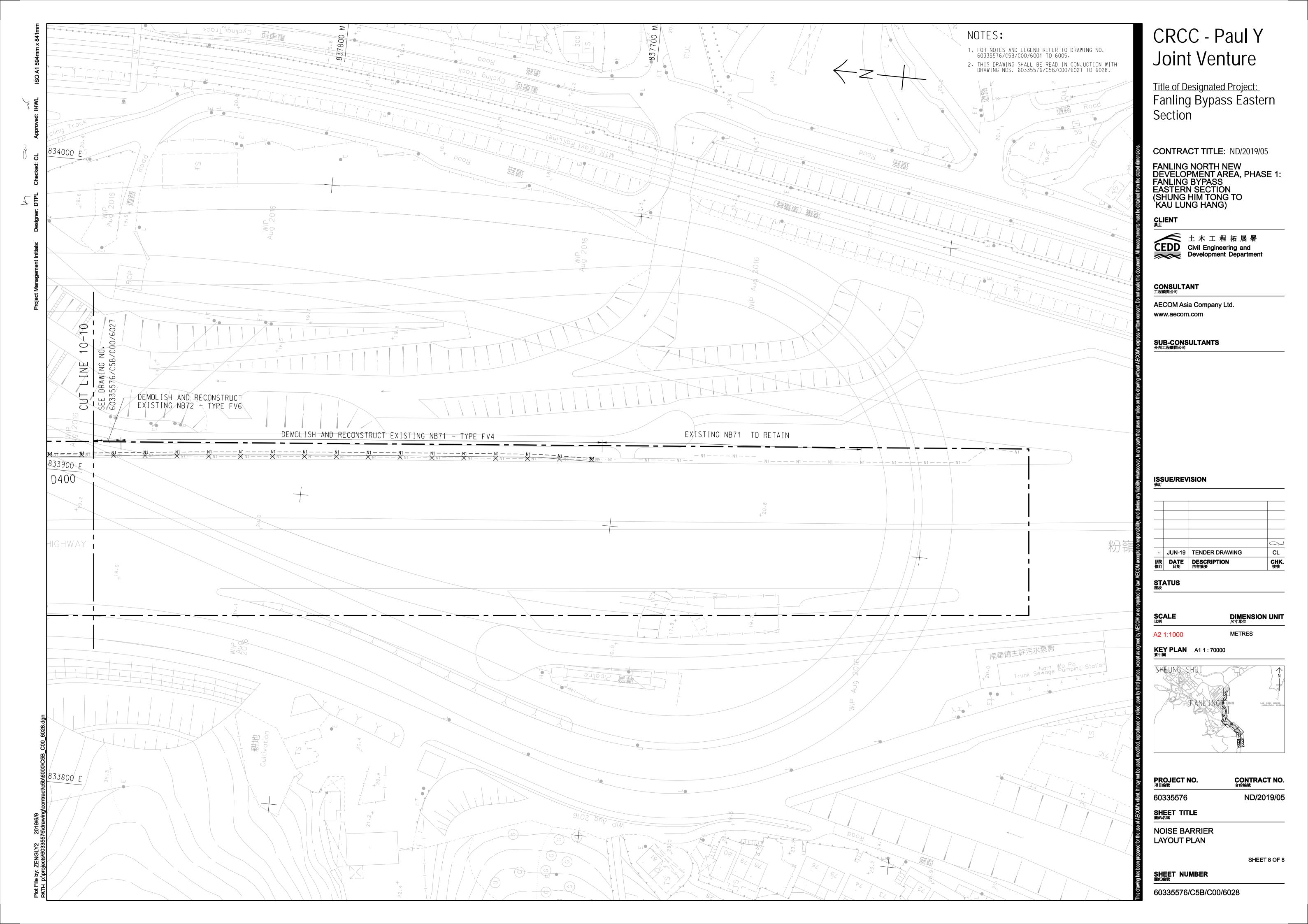




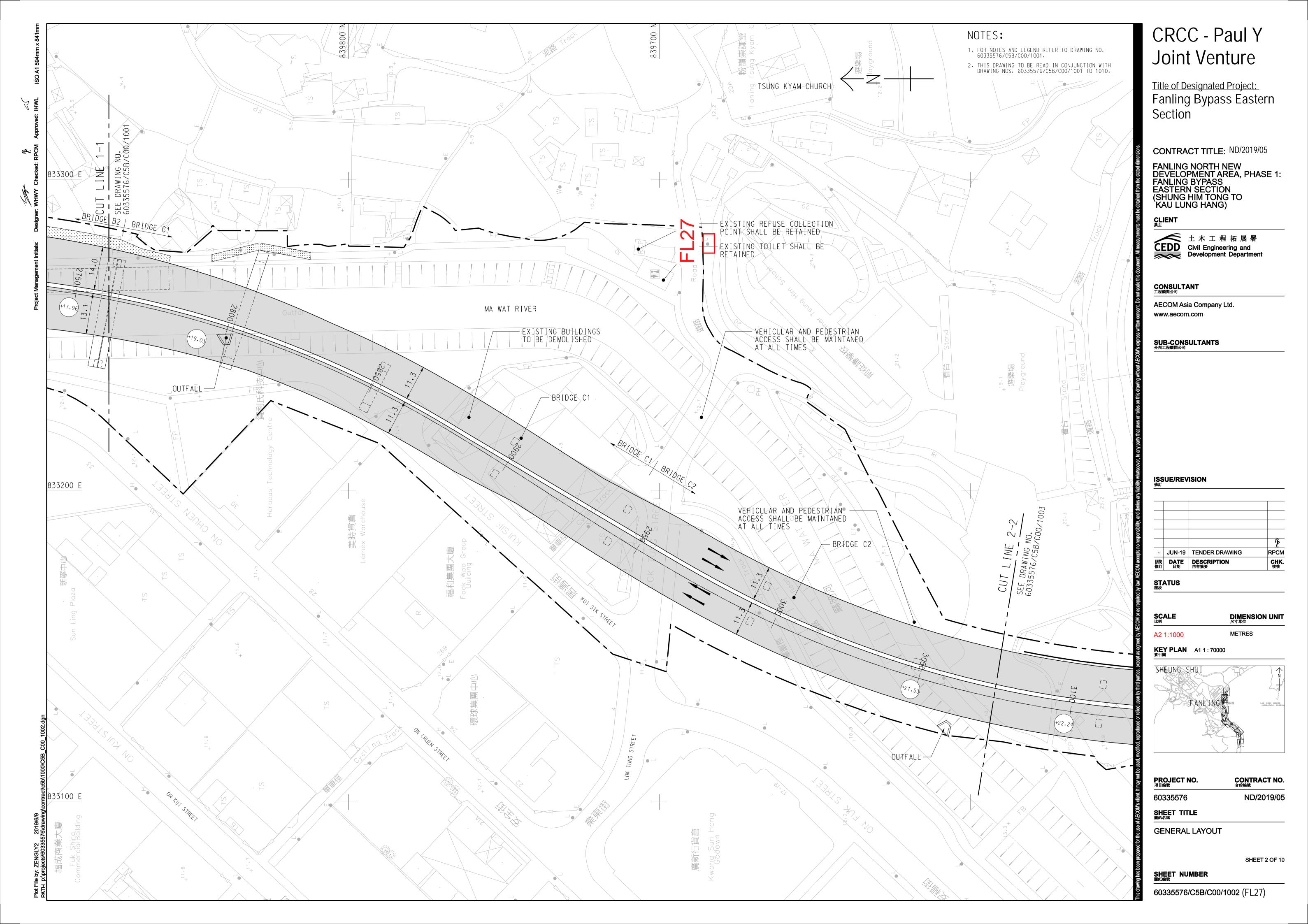


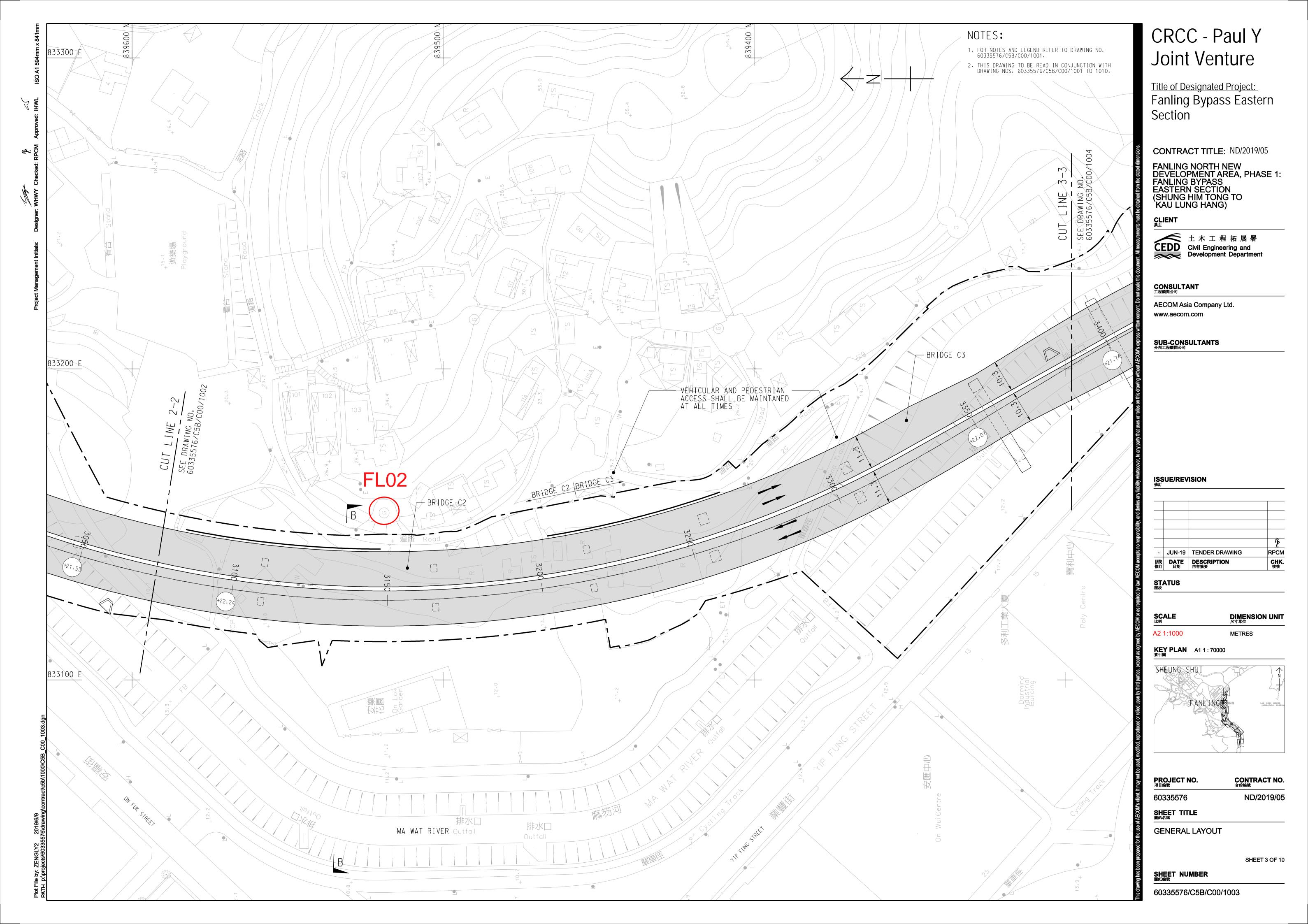


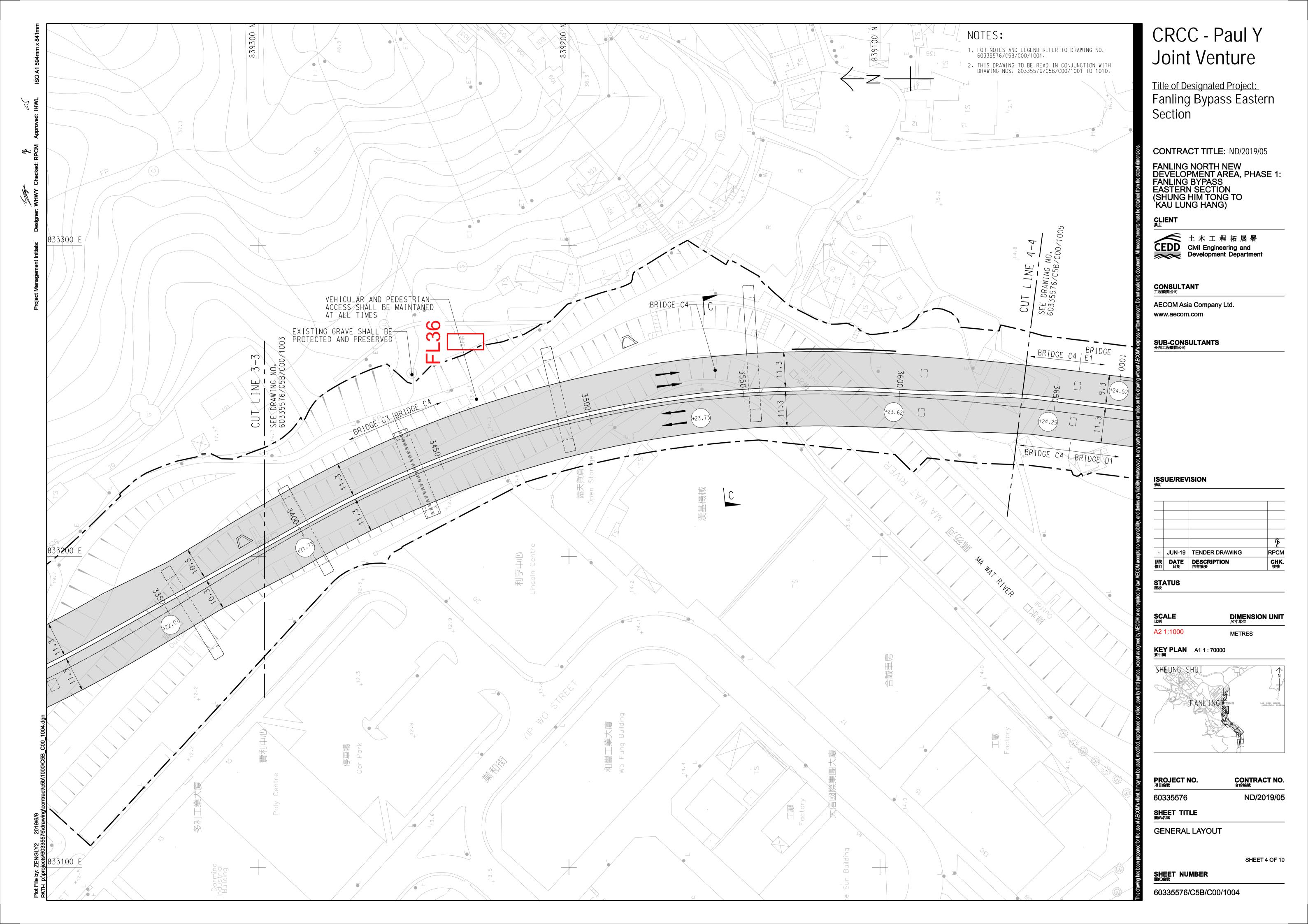


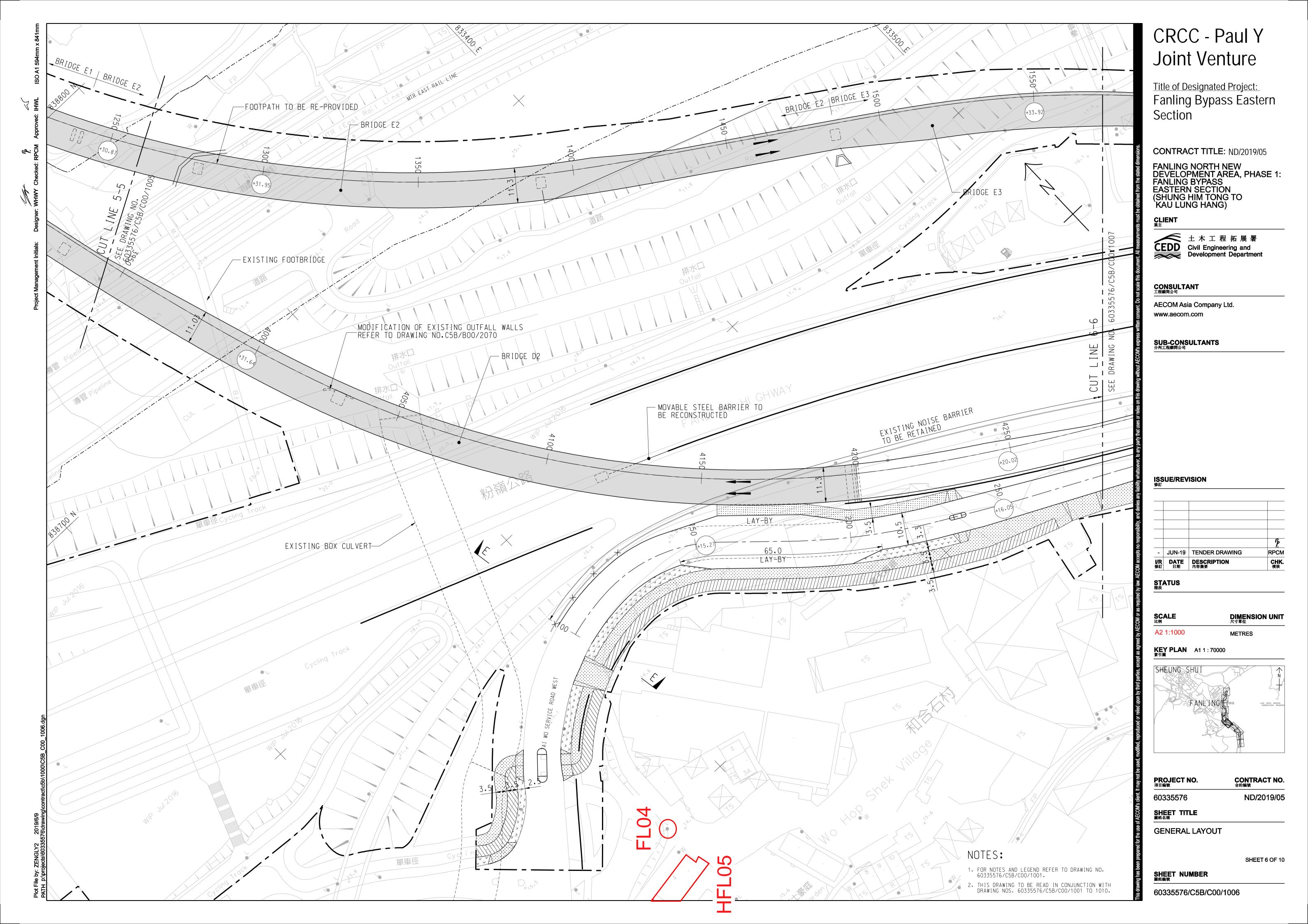


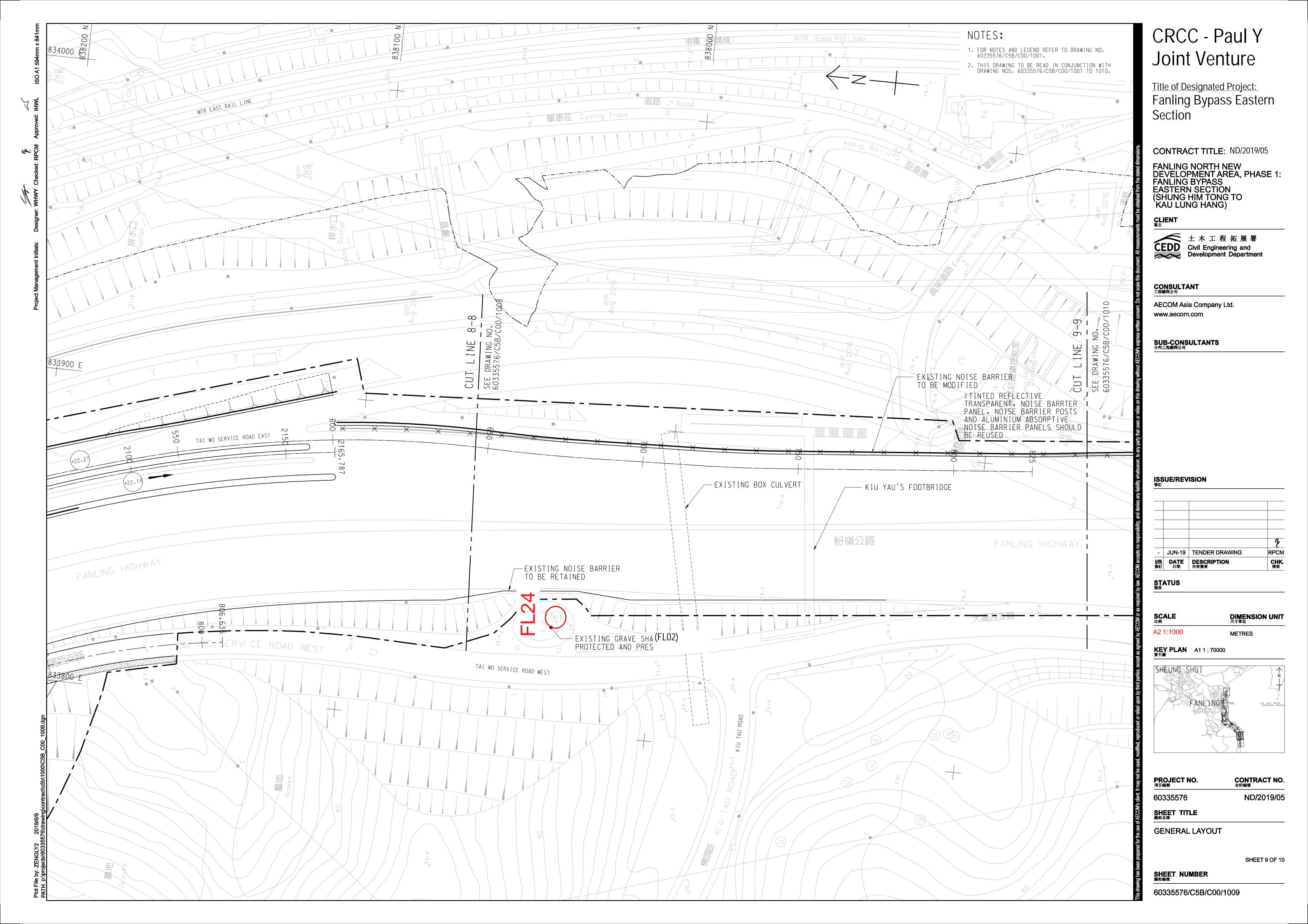
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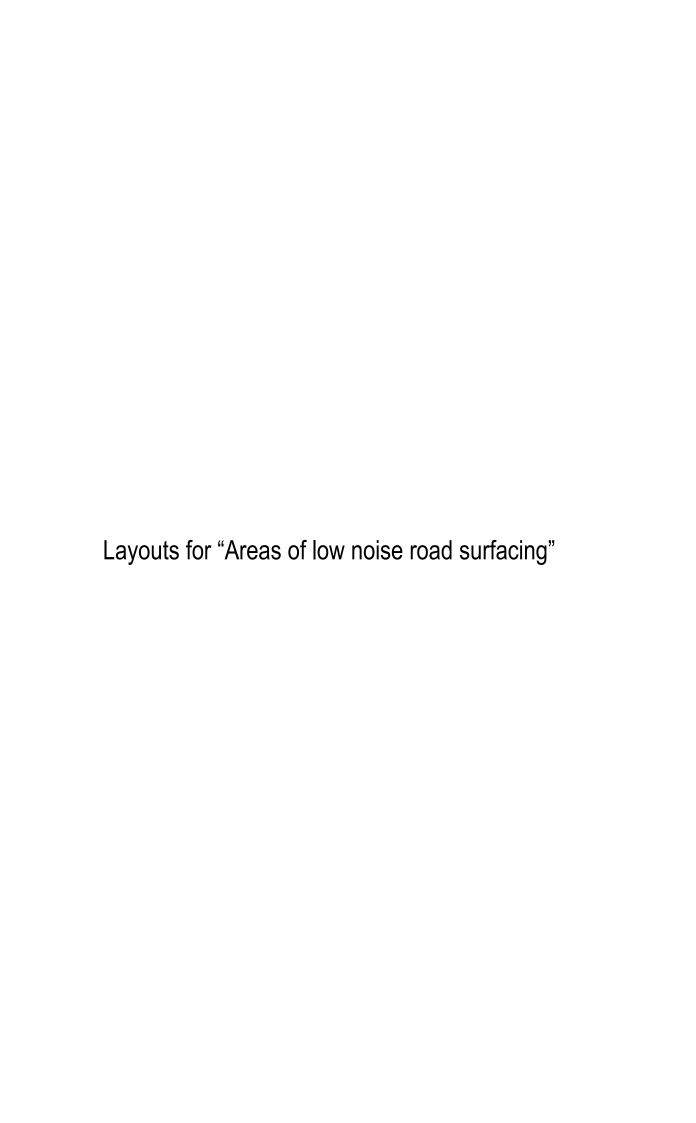


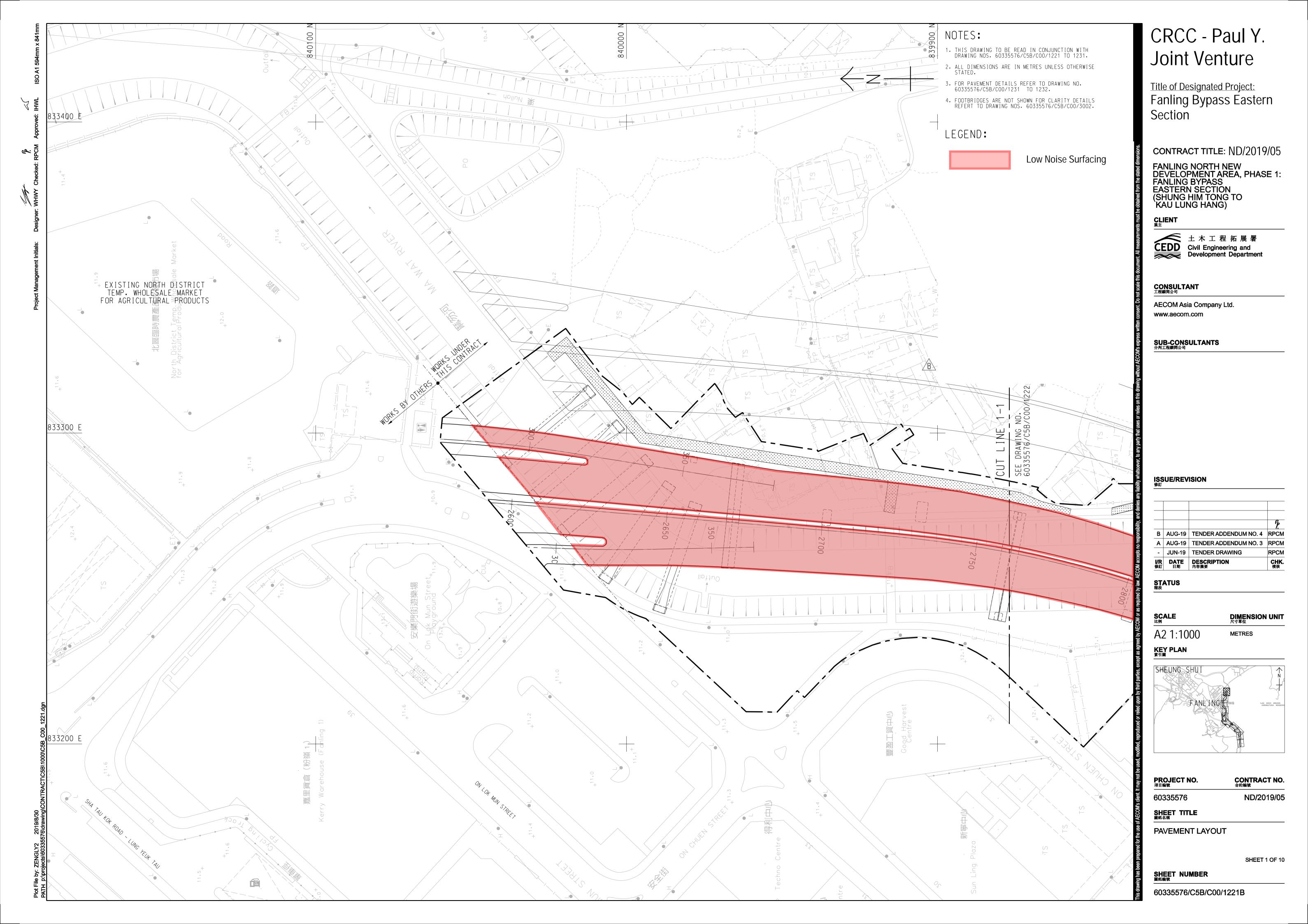




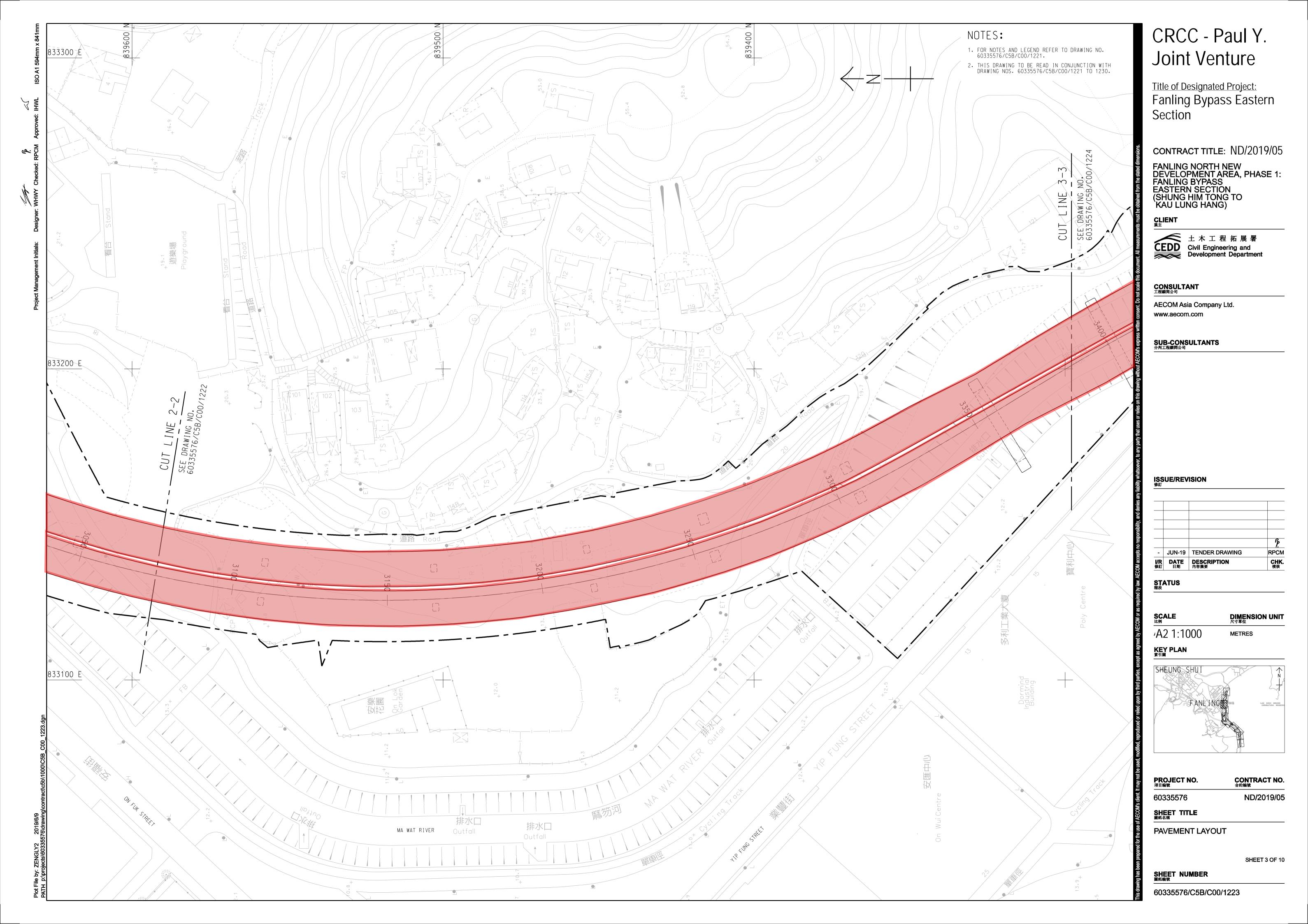


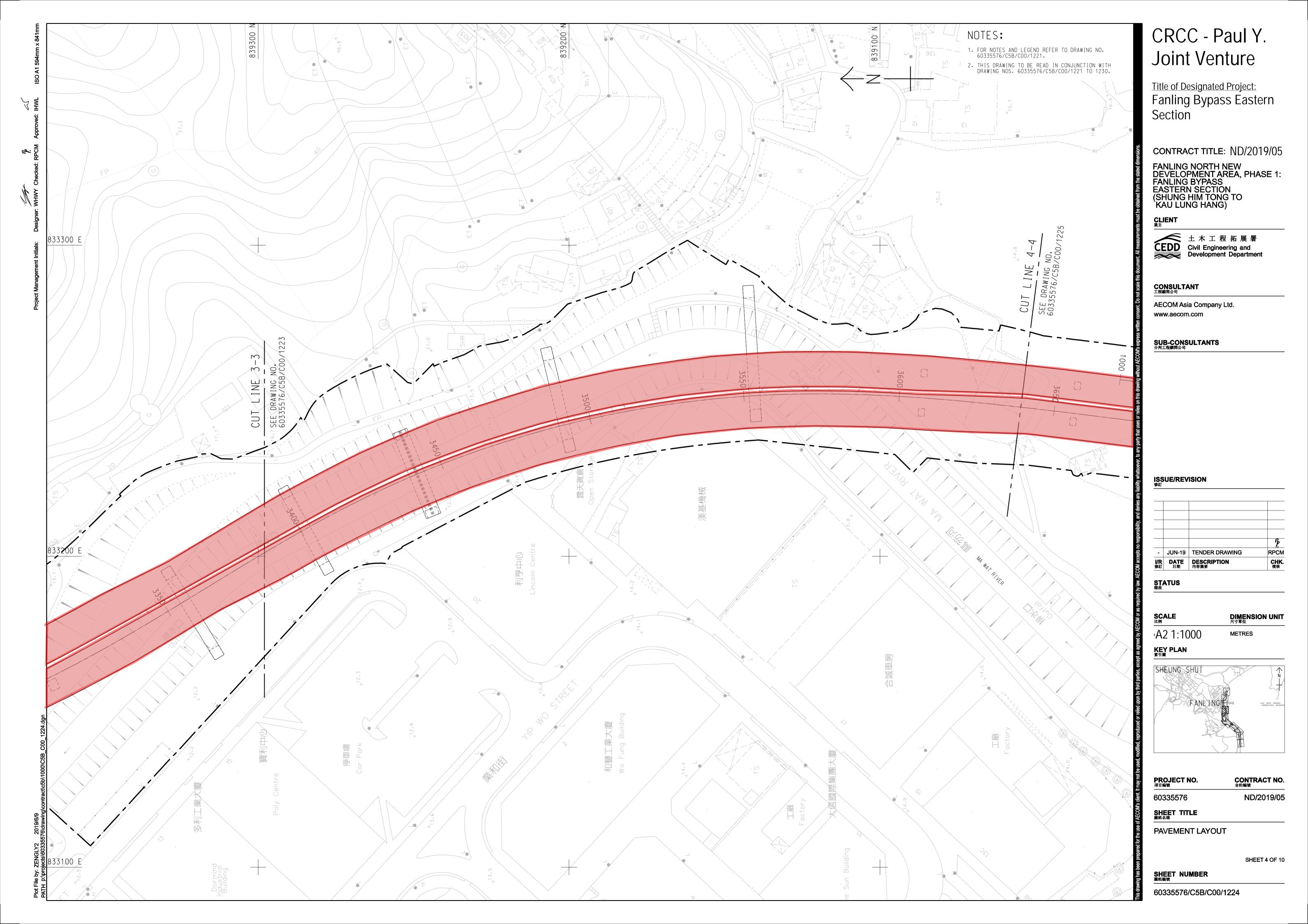


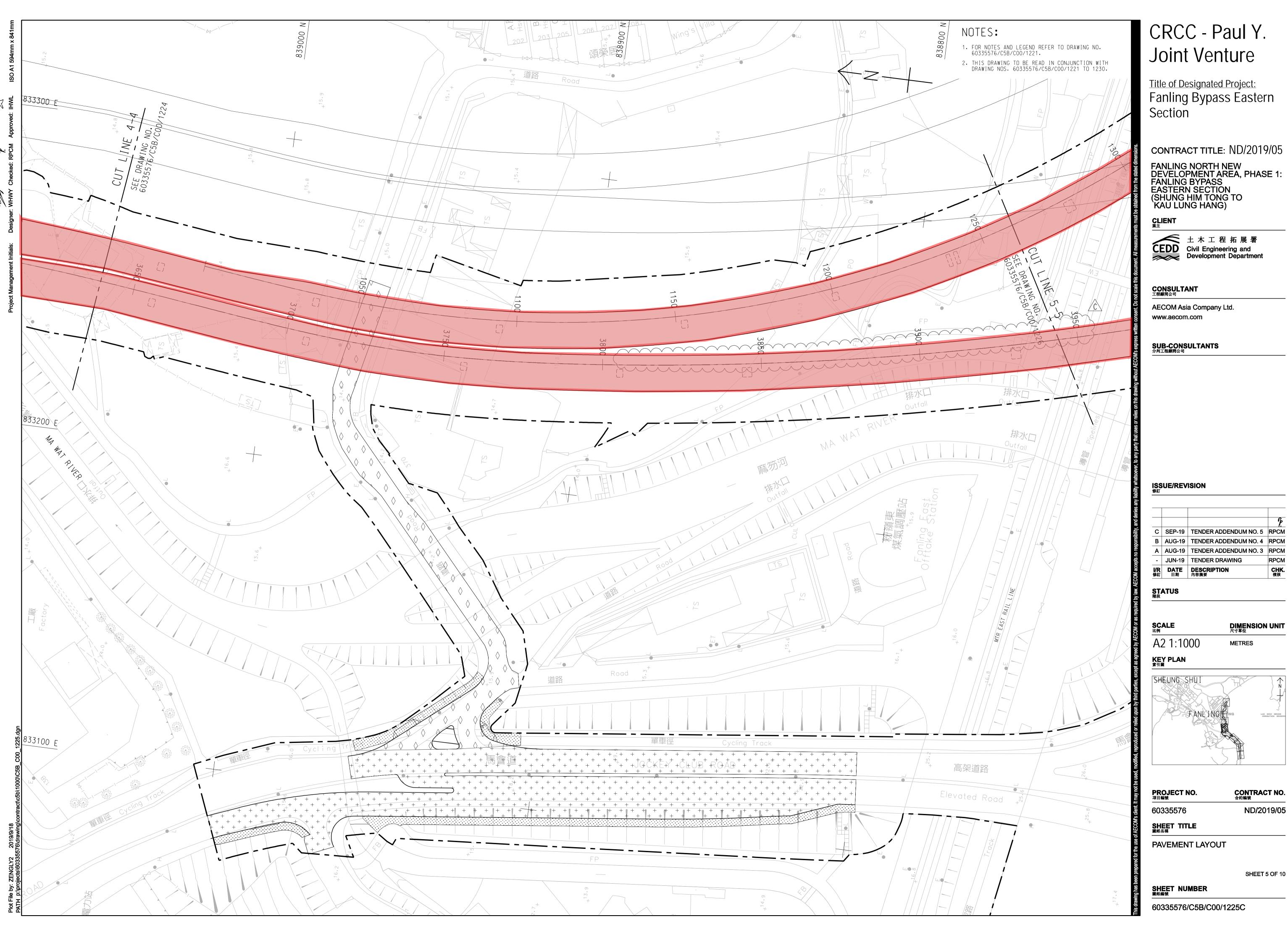






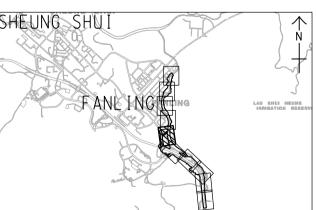


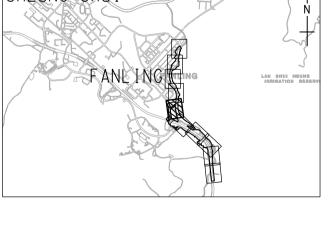




Fanling Bypass Eastern

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С	SEP-19	TENDER ADDENDUM NO. 5	RPCM
В	AUG-19	TENDER ADDENDUM NO. 4	RPCM
Α	AUG-19	TENDER ADDENDUM NO. 3	RPCM
-	JUN-19	TENDER DRAWING	RPCM





CONTRACT NO. 合約編號

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